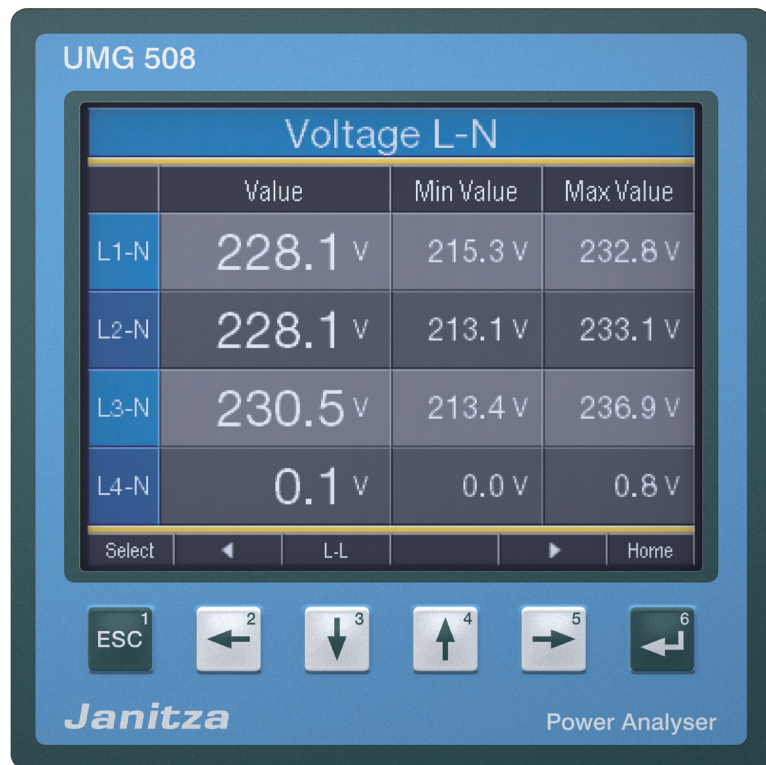


Power Analyser UMG 508

Modbus-address and
Formulary



| | |
|---|-----------|
| Modbus | 4 |
| Modbus functions (master) | 4 |
| Modbus Functions (Slave) | 4 |
| Transfer parameters | 5 |
| Byte sequence | 5 |
| Update rate | 5 |
| Number formats | 5 |
| Symbols and definitions | 5 |
| Explanations of the measured values | 6 |
| Address list | 12 |
| Frequently required readings | 12 |
| Date and time | 13 |
| Measured values (200ms measuring window) | 14 |
| Mean values (float type) | 16 |
| Minimum values (float type) | 17 |
| Maximum values (float type) | 18 |
| Averaging time | 19 |
| Minimum values time stamp | 20 |
| Maximum values time stamp | 21 |
| Maximum values of mean values (float type) | 22 |
| Maximum values of mean values, time stamp | 23 |
| Other values | 24 |
| Energy | 26 |
| Fourier analysis | 28 |
| Measured values, fourier analysis | 28 |
| Mean values, fourier analysis | 38 |
| Minimum values, fourier analysis | 48 |
| Maximum values, fourier analysis | 51 |
| Averaging time, fourier analysis | 61 |
| Time stamp, minimum value, fourier analysis | 71 |
| Time stamp, maximum value, fourier analysis | 74 |
| Maximum of mean value, fourier analysis | 84 |
| Time stamp, maximum values of mean values, Fourier analysis | 94 |

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Vor dem Polstück 1
D35633 Lahnau
Germany

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info@janitza.de

Modbus

Modbus functions (master)

As a master, the UMG508 supports the following modbus functions;

01 Read Coil Status

Reads the ON/OFF status of discrete outputs (0X references, coils) in the slave. Broadcast is not supported.

02 Read Input Status

Reads the ON/OFF status of discrete inputs (0X references) in the slave. Broadcast is not supported.

03 Read Holding Registers

Reads the binary contents of holding registers (4X references) in the slave.

04 Read Input Registers

Reads the binary contents of input registers (3X references) in the slave.

05 Force Single Coil

Forces a single coil (0X references) to either ON or OFF. When broadcast, the function forces the same coil reference in all attached slaves.

06 Preset Single Register

Presets a value into a single holding register (4X reference). When broadcast, the function presets the same register reference in all attached slaves.

15 (0F Hex) Force Multiple Coils

Forces each coil (0X references) in a sequence of coils to either ON or OFF. When broadcast, the function forces the same coil reference in all attached slaves.

16 (10Hex) Preset Multiple Registers

Presets values into a sequence of holding registers (4X references). When broadcast, the function presets the same register references in all attached slaves.

23 (17Hex) Read/Write 4X Registers

Performs a combination of one read and one write operation in a single Modbus transaction. The function can write new contents to a group of 4XXXX registers, and then return the contents of another group of 4XXXX registers. Broadcast is not supported.

Modbus Functions (Slave)

As a slave, the UMG508 supports the following modbus functions:

03 Read Holding Registers

Reads the binary contents of holding registers (4X references) in the slave.

04 Read Input Registers

Reads the binary contents of input registers (3X references) in the slave.

06 Preset Single Register

Presets a value into a single holding register (4X reference). When broadcast, the function presets the same register reference in all attached slaves.

16 (10Hex) Preset Multiple Registers

Presets values into a sequence of holding registers (4X references). When broadcast, the function presets the same register references in all attached slaves.

23 (17Hex) Read/Write 4X Registers

Performs a combination of one read and one write operation in a single Modbus transaction. The function can write new contents to a group of 4XXXX registers, and then return the contents of another group of 4XXXX registers. Broadcast is not supported.

Transfer parameters

The UMG508 supports the following transfer parameters:

| | |
|--------------------|--|
| Baud rate | : 9.6kbps, 19.2kbps, 38.4kbps, 57.6kbps, 115.2 kbps and 921.6 kbps |
| Data bits | : 8 |
| Parity | : none |
| Stop bits (UMG508) | : 2 |
| Stop bits external | : 1 or 2 |

Byte sequence

The data in the modbus address list can be called up in the

- Big-Endian (high-Byte before low-Byte) and in the
- Little-Endian (low-byte before high-byte)

format.

The addresses described in this address list supply the data in the „Big-Endian“ format.

If you require the data in the „Little-Endian“ format, you must add the value 32768 to the address.

Update rate

The modbus register addresses are updated every 200ms.

Number formats

| Type | Size | Minimum | Maximum |
|--------|--------|-----------|--------------|
| char | 8 bit | 0 | 255 |
| byte | 8 bit | -128 | 127 |
| short | 16 bit | -2^{15} | $2^{15} - 1$ |
| int | 32 bit | -2^{31} | $2^{31} - 1$ |
| uint | 32 bit | 0 | $2^{32} - 1$ |
| long64 | 64 bit | -2^{63} | $2^{63} - 1$ |
| float | 32 bit | IEEE 754 | IEEE 754 |
| double | 64 bit | IEEE 754 | IEEE 754 |

Symbols and definitions

| | |
|-----------|---|
| N | Total number of sample points per period (For example, in a period of 20 ms) |
| k | Sample value or number of samples per period ($0 \leq k < N$) |
| p | Number or identification of the phase conductor ($p = 1, 2$ oder 3) |
| i_{pk} | Sample value k of the current of the phase conductor p |
| u_{pNk} | Sample value k of the neutral voltage of the phase conductor p |
| P_p | Real power of the phase conductor p |

Explanations of the measured values

Measured value

- A measured value (in the UMG508) is a effective value which is formed over a period (measuring window) of 200ms.
- A measuring window is 10 periods in the 50Hz network and 12 periods in the 60Hz network.
- A measuring window has a start time and an end time.
- The resolution between the start time and end time is approximately 2ns.
- The accuracy of the start time and end time depends on the accuracy of the internal clock.
(Typically +- 1 minute/month)
- In order to improve the accuracy of the internal clock, it is recommended that the clock in the device is compared with a time service and reset.

Mean value of measured value

- For each measured value, a sliding mean value is calculated over the selected averaging time.
- The mean value is calculated every 200ms.
- You can take the possible averaging times from the table.

| n | Mean time / seconds |
|---|---------------------|
| 0 | 5 |
| 1 | 10 |
| 2 | 15 |
| 3 | 30 |
| 4 | 60 |
| 5 | 300 |
| 6 | 480 |
| 7 | 600 |
| 8 | 900 |

Max. value of measured value

- The *max. value of the measured value* is the largest measured value which has occurred since the last deletion.

Min. value of measured value

- The *min. value of the measured value* is the lowest measured value which has occurred since the last deletion.

Max. value of mean value

- The *max. value of the mean value* is the largest mean value which has occurred since the last deletion.

Nominal current, voltage, frequency

- The limit values for events and transients are set by the nominal value in percentage.

Nominal current I_{rated}

- The I_{rated} is the nominal current of the transformers and is required for calculation of the K-factor.

Peak value negative

- Highest negative sampling value from the last 200ms measuring window..

Peak value positive

- Highest positive sampling value from the last 200ms measuring window.

Crest factor

- The crest factor describes the relation between the peak value and effective value of a periodic quantity. It serves as a characteristic value for general description of the curve form of a periodic quantity. The distortion factor is another example of a quantity for characterization of the difference from the pure sinusoidal form.

- Example

*A sinusoidal change voltage with an effective value of 230 V has a peak value of approx. 325 V.
The crest factor is then $325 \text{ V} / 230 \text{ V} = 1.414$.*

Effective value of the current for phase conductor p

$$I_p = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} i_{pk}^2}$$

Effective value of neutral conductor current

$$I_N = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} (i_{1k} + i_{2k} + i_{3k})^2}$$

Effective voltage L-N

$$U_{pN} = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} u_{pNk}^2}$$

Effective voltage L-L

$$U_{pg} = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} (u_{gNk} - u_{pNk})^2}$$

Star connection voltage (vectorial)

$$U_{\text{Sternpunktspannung}} = U_{1\text{rms}} + U_{2\text{rms}} + U_{3\text{rms}}$$

Real power for phase conductor

$$P_p = \frac{1}{N} \cdot \sum_{k=0}^{N-1} (u_{pNk} \times i_{pk})$$

Apparent power for phase conductor

- Unsigned

$$S_p = U_{pN} \cdot I_p$$

Total apparent power (arithmetic) S_A

- Unsigned

$$S_A = S_1 + S_2 + S_3$$

Order number of harmonics

xxx[0] = mains frequency (50Hz/60Hz)
 xxx[1] = 2nd harmonic (100Hz/120Hz)
 xxx[2] = 3rd harmonic (150Hz/180Hz)
 etc.

THD

- THD (Total Harmonic Distortion) is the distortion factor and provides the relation of the harmonic parts of an oscillation to the mains frequency.

Distortion factor for the voltage

- M = 40 (UMG604, UMG508, UMG96RM)
- M = 50 (UMG605, UMG511)
- fund corresponds to n=1

$$THD_U = \frac{1}{|U_{fund}|} \sqrt{\sum_{n=2}^M |U_{n.Harm}|^2}$$

Distortion factor for the current

- M = 40 (UMG604, UMG508, UMG96RM)
- M = 50 (UMG605, UMG511)
- fund corresponds to n=1

$$THD_I = \frac{1}{|I_{fund}|} \sqrt{\sum_{n=2}^M |I_{n.Harm}|^2}$$

ZHD

- THD for the interharmonics.
- Is calculated in the product series and UMG511 UMG605.

Interharmonics

- Sinusoidal oscillations, which frequencies are not a multiple integer of the mains frequency.
- Is calculated in the product series and UMG511 UMG605.
- Calculation and measurement methods in accordance with the DIN EN 61000-4-30.
- The order number of interharmonics corresponds to the order number of the next smallest harmonic. For example, between the 3rd and 4th harmonic of the 3rd interharmonics.

TDD (I)

- TDD Total demand distortion, harmonic current distortion in % of maximum demand load current
- IL = Maximum demand load current
- M = 40 (UMG604, UMG508, UMG96RM)
- M = 50 (UMG605, UMG511)

$$TDD = \frac{1}{I_L} \sqrt{\sum_{n=2}^M I_n^2} \times 100\%$$

Ripple control signal U (EN61000-4-30)

The ripple control signal U is a voltage (200ms measured value) which is measured at a carrier frequency specified by the user. Only frequencies beneath 3kHz are observed.

Ripple control signal I

The ripple control signal I is a current (200ms measured value) which is measured at a carrier frequency specified by the user. Only frequencies beneath 3kHz are observed.

Positive sequence-negative sequence-zero sequence

- The extent of a voltage or current imbalance in a three-phase system is identified using the positive sequence, negative sequence and zero sequence components.
- The balance of the rotation current system strived for in normal operation is disturbed by the unsymmetrical loads, errors and equipment.
- A three-phase system is called symmetric, when the three phase conductor voltages and currents are the same size and are displaced against each other by 120°. If one or both conditions are not fulfilled, the system is described as unsymmetrical. By calculating the symmetrical components consisting of the positive sequence, negative sequence and zero sequence, the simplified analysis of an imbalanced error is possible in a rotary current system..
- Imbalance is a feature of the network quality for the limits specified in international norms (EN 50160 for example).

Positive sequence

$$U_{Mit} = \frac{1}{3} \left| U_{L1,fund} + U_{L2,fund} \cdot e^{j\frac{2\pi}{3}} + U_{L3,fund} \cdot e^{j\frac{4\pi}{3}} \right|$$

Negative sequence

$$U_{Geg} = \frac{1}{3} \left| U_{L1,fund} + U_{L2,fund} \cdot e^{-j\frac{2\pi}{3}} + U_{L3,fund} \cdot e^{-j\frac{4\pi}{3}} \right|$$

Zero sequence

$$U_{Nullsystem} = \frac{1}{3} \left| U_{L1,fund} + U_{L2,fund} + U_{L3,fund} \right|$$

A zero component can only occur if a sum current can flow back through the main conductor.

Voltage imbalance

$$Unsymmetrie = \frac{U_{Geg}}{U_{Mit}}$$

Under difference U (EN61000-4-30)

$$U_{unter} = \frac{U_{din} - \sqrt{\frac{\sum_{i=1}^n U_{rms-unter,i}^2}{n}}}{U_{din}} [\%]$$

Under difference I

$$I_{unter} = \frac{I_{Nennstrom} - \sqrt{\frac{\sum_{i=1}^n I_{rms-unter,i}^2}{n}}}{I_{Nennstrom}} [\%]$$

K-factor

- The K-factor describes the increase of the eddy current losses when loaded with harmonics. For a sinusoidal load on the transformer, the K-factor = 1. The larger the K-factor, the heavier a transformer can be loaded with harmonics without overheating.

Power Factor (vectorial) - Lambda

- The power factor is unsigned.

$$PF_A = \frac{|P|}{S_A}$$

CosPhi - Fundamental Power Factor

- Only the mains frequency part is used for calculation of the cosphi.
- CosPhi sign:
 - = for the supply of real power
 - + = for obtaining real power

$$PF_1 = \cos(\varphi) = \frac{P_1}{S_1}$$

CosPhi total

- CosPhi sign:
 - = for the supply of real power
 - + = for obtaining real power

$$\cos(\varphi)_{Sum_3} = \frac{P_{1_{fund}} + P_{2_{fund}} + P_{3_{fund}}}{\sqrt{(P_{1_{fund}} + P_{2_{fund}} + P_{3_{fund}})^2 + (Q_{1_{fund}} + Q_{2_{fund}} + Q_{3_{fund}})^2}}$$

$$\cos(\varphi)_{Sum_4} = \frac{P_{1_{fund}} + P_{2_{fund}} + P_{3_{fund}} + P_{4_{fund}}}{\sqrt{(P_{1_{fund}} + P_{2_{fund}} + P_{3_{fund}} + P_{4_{fund}})^2 + (Q_{1_{fund}} + Q_{2_{fund}} + Q_{3_{fund}} + Q_{4_{fund}})^2}}$$

Phase Angle Phi

- The phase angle between current and voltage of the external conductor p is calculated according to DIN EN 61557-12 and displayed.
- The sign of the phase angle corresponding to the sign of the reactive power.

Mains frequency power factor

The mains frequency power factor is the power factor of the mains frequency and is calculated using the fourier analysis (FFT). The voltage and current must not be sinusoidal. All in the device calculated reactive power are resulting of fundamental reactive power.

Power factor sign

- Sign $Q = +1$ for φ_p in the range $0^\circ \dots 180^\circ$ (inductive)
- Sign $Q = -1$ for φ_p in the range $180^\circ \dots 360^\circ$ (capacitive)

$$\text{Vorzeichen } Q(\varphi_p) = +1 \text{ falls } \varphi_p \in [0^\circ - 180^\circ]$$

$$\text{Vorzeichen } Q(\varphi_p) = -1 \text{ falls } \varphi_p \in [180^\circ - 360^\circ]$$

Reactive power for phase conductor p

- Reactive power of the mains frequency.

$$Q_{fundp} = \text{Vorzeichen } Q(\varphi_p) \cdot \sqrt{S_{fundp}^2 - P_{fundp}^2}$$

Total reactive power

- Reactive power of the mains frequency.

$$Q_V = Q_1 + Q_2 + Q_3$$

Distortion power factor

- The distortion power factor is the power factor of all mains frequencies and is calculated using the fourier analysis (FFT).
- The apparent power „S” contains all fundamental harmonics and all harmonic rates up to the M-th harmonic.
- The effective power „P” contains all fundamental harmonics and all harmonic rates up to the M-th harmonic.
- M = 40 (UMG604, UMG508, UMG96RM)
- M = 50 (UMG605, UMG511)

$$D = \sqrt{S^2 - P^2 - Q_{fund}^2}$$

Reactive energy per phase

$$E_{r_{L1}} = \int Q_{L1}(t) \cdot \Delta t$$

Reactive energy per phase, inductive

$$E_{r(ind)_{L1}} = \int Q_{L1}(t) \cdot \Delta t \quad \text{für } Q_{L1}(t) > 0$$

Reactive energy per phase, capacitive

$$E_{r(cap)_{L1}} = \int Q_{L1}(t) \cdot \Delta t \quad \text{für } Q_{L1}(t) < 0$$

Reactive energy, sum L1-L3

$$E_{r_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t$$

Reactive energy, sum L1-L3, inductive

$$E_{r(ind)_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t$$

für $(Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) > 0$

Reactive energy, sum L1-L3, capacitive

$$E_{r(cap)_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t$$

für $(Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) < 0$

Address list

Frequently required readings

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-------------------|------|---|
| 19000 | float | RD | _G_ULN[0] | V | Voltage L1-N |
| 19002 | float | RD | _G_ULN[1] | V | Voltage L2-N |
| 19004 | float | RD | _G_ULN[2] | V | Voltage L3-N |
| 19006 | float | RD | _G_ULL[0] | V | Voltage L1-L2 |
| 19008 | float | RD | _G_ULL[1] | V | Voltage L2-L3 |
| 19010 | float | RD | _G_ULL[2] | V | Voltage L3-L1 |
| 19012 | float | RD | _G_ILN[0] | A | Apparent current, L1-N |
| 19014 | float | RD | _G_ILN[1] | A | Apparent current, L2-N |
| 19016 | float | RD | _G_ILN[2] | A | Apparent current, L3-N |
| 19018 | float | RD | _G_I_SUM3 | A | Vector sum; IN=I1+I2+I3 |
| 19020 | float | RD | _G_PLN[0] | W | Real power L1-N |
| 19022 | float | RD | _G_PLN[1] | W | Real power L2-N |
| 19024 | float | RD | _G_PLN[2] | W | Real power L3-N |
| 19026 | float | RD | _G_P_SUM3 | W | Psum3=P1+P2+P3 |
| 19028 | float | RD | _G_SLN[0] | VA | Apparent power L1-N |
| 19030 | float | RD | _G_SLN[1] | VA | Apparent power L2-N |
| 19032 | float | RD | _G_SLN[2] | VA | Apparent power L3-N |
| 19034 | float | RD | _G_S_SUM3 | VA | Sum; Ssum3=S1+S2+S3 |
| 19036 | float | RD | _G_QLN[0] | var | Reactive power L1 (fundamental comp.) |
| 19038 | float | RD | _G_QLN[1] | var | Reactive power L2 (fundamental comp.) |
| 19040 | float | RD | _G_QLN[2] | var | Reactive power L3 (fundamental comp.) |
| 19042 | float | RD | _G_Q_SUM3 | var | Qsum3=Q1+Q2+Q3 (fundamental comp.) |
| 19044 | float | RD | _G_COS_PHI[0] | - | CosPhi; UL1 IL1 (fundamental comp.) |
| 19046 | float | RD | _G_COS_PHI[1] | - | CosPhi; UL2 IL2 (fundamental comp.) |
| 19048 | float | RD | _G_COS_PHI[2] | - | CosPhi; UL3 IL3 (fundamental comp.) |
| 19050 | float | RD | _G_FREQ | Hz | Measured frequency |
| 19052 | float | RD | _G_PHASE_SEQ | - | Rotation field; 1=right, 0=none, -1=left |
| 19054 | float | RD | _G_WH[0] | Wh | Real energy L1 |
| 19056 | float | RD | _G_WH[1] | Wh | Real energy L2 |
| 19058 | float | RD | _G_WH[2] | Wh | Real energy L3 |
| 19060 | float | RD | _G_WH_SUML13 | Wh | Real energy L1..L3 |
| 19062 | float | RD | _G_WH_V[0] | Wh | Real energy L1, consumed |
| 19064 | float | RD | _G_WH_V[1] | Wh | Real energy L2, consumed |
| 19066 | float | RD | _G_WH_V[2] | Wh | Real energy L3, consumed |
| 19068 | float | RD | _G_WH_V_HT_SUML13 | Wh | Real energy L1..L3, consumed, rate 1 |
| 19070 | float | RD | _G_WH_Z[0] | Wh | Real energy L1, delivered |
| 19072 | float | RD | _G_WH_Z[1] | Wh | Real energy L2, delivered |
| 19074 | float | RD | _G_WH_Z[2] | Wh | Real energy L3, delivered |
| 19076 | float | RD | _G_WH_Z_SUML13 | Wh | Real energy L1..L3, delivered |
| 19078 | float | RD | _G_WH_S[0] | VAh | Apparent energy L1 |
| 19080 | float | RD | _G_WH_S[1] | VAh | Apparent energy L2 |
| 19082 | float | RD | _G_WH_S[2] | VAh | Apparent energy L3 |
| 19084 | float | RD | _G_WH_S_SUML13 | VAh | Apparent energy L1..L3 |
| 19086 | float | RD | _G_QH[0] | varh | Reactive energy L1 (fundamental comp.) |
| 19088 | float | RD | _G_QH[1] | varh | Reactive energy L2 (fundamental comp.) |
| 19090 | float | RD | _G_QH[2] | varh | Reactive energy L3 (fundamental comp.) |
| 19092 | float | RD | _G_QH_SUML13 | varh | Reactive energy L1..L3 (fundamental comp.) |
| 19094 | float | RD | _G_IQH[0] | varh | Reactive energy, inductive, L1 (fundamental comp.) |
| 19096 | float | RD | _G_IQH[1] | varh | Reactive energy, inductive, L2 (fundamental comp.) |
| 19098 | float | RD | _G_IQH[2] | varh | Reactive energy, inductive, L3 (fundamental comp.) |
| 19100 | float | RD | _G_IQH_SUML13 | varh | Reactive energy L1..L3, ind. (fundamental comp.) |
| 19102 | float | RD | _G_CQH[0] | varh | Reactive energy, capacitive, L1 (fundamental comp.) |
| 19104 | float | RD | _G_CQH[1] | varh | Reactive energy, capacitive, L2 (fundamental comp.) |
| 19106 | float | RD | _G_CQH[2] | varh | Reactive energy, capacitive, L3 (fundamental comp.) |
| 19108 | float | RD | _G_CQH_SUML13 | varh | Reactive energy L1..L3, cap. (fundamental comp.) |
| 19110 | float | RD | _G_THD_ULN[0] | % | Harmonic, THD,U L1-N |
| 19112 | float | RD | _G_THD_ULN[1] | % | Harmonic, THD,U L2-N |
| 19114 | float | RD | _G_THD_ULN[2] | % | Harmonic, THD,U L3-N |
| 19116 | float | RD | _G_THD_ILN[0] | % | Harmonic, THD,I L1 |
| 19118 | float | RD | _G_THD_ILN[1] | % | Harmonic, THD,I L2 |
| 19120 | float | RD | _G_THD_ILN[2] | % | Harmonic, THD,I L3 |

Date and time

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-------------|------|---------------------------|
| 0 | long64 | RD | _REALTIME | 2 ns | time (UTC) |
| 4 | int | RD/WR | _SYSTIME | sec | time (UTC) |
| 6 | short | RD | _DAY | - | Day (1..31) |
| 7 | short | RD | _MONTH | - | Month (0=Jan, .. 11=Dec) |
| 8 | short | RD | _YEAR | - | Year |
| 9 | short | RD | _HOUR | h | Hour (1..24) |
| 10 | short | RD | _MIN | min | Minute (1..59) |
| 11 | short | RD | _SEC | s | Second (1..59) |
| 12 | short | RD | _WEEKDAY | - | Weekday (0=Sun, .. 6=Sat) |

Measured values (200ms measuring window)

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-------------|------|---|
| 1293 | float | RD | _THD_ULN[0] | % | Harmonic, THD,U L1-N |
| 1295 | float | RD | _THD_ULN[1] | % | Harmonic, THD,U L2-N |
| 1297 | float | RD | _THD_ULN[2] | % | Harmonic, THD,U L3-N |
| 1299 | float | RD | _THD_ULN[3] | % | Harmonic, THD,U L4-N |
| 1301 | float | RD | _THD_ILN[0] | % | Harmonic, THD,I1 L1 |
| 1303 | float | RD | _THD_ILN[1] | % | Harmonic, THD,I2 L2 |
| 1305 | float | RD | _THD_ILN[2] | % | Harmonic, THD,I3 L3 |
| 1307 | float | RD | _THD_ILN[3] | % | Harmonic, THD,I4 L4 |
| 1309 | float | RD | _KFACT[0] | - | K-Factor, L1 |
| 1311 | float | RD | _KFACT[1] | - | K-Factor, L2 |
| 1313 | float | RD | _KFACT[2] | - | K-Factor, L3 |
| 1315 | float | RD | _KFACT[3] | - | K-Factor, L4 |
| 1317 | float | RD | _ULN[0] | V | Voltage L1-N |
| 1319 | float | RD | _ULN[1] | V | Voltage L2-N |
| 1321 | float | RD | _ULN[2] | V | Voltage L3-N |
| 1323 | float | RD | _ULN[3] | V | Voltage L4-N |
| 1325 | float | RD | _ILN[0] | A | Apparent current, L1 |
| 1327 | float | RD | _ILN[1] | A | Apparent current, L2 |
| 1329 | float | RD | _ILN[2] | A | Apparent current, L3 |
| 1331 | float | RD | _ILN[3] | A | Apparent current, L4 |
| 1333 | float | RD | _PLN[0] | W | Real power L1 |
| 1335 | float | RD | _PLN[1] | W | Real power L2 |
| 1337 | float | RD | _PLN[2] | W | Real power L3 |
| 1339 | float | RD | _PLN[3] | W | Real power L4 |
| 1341 | float | RD | _QLN[0] | var | Reactive power L1 (fundamental comp.) |
| 1343 | float | RD | _QLN[1] | var | Reactive power L2 (fundamental comp.) |
| 1345 | float | RD | _QLN[2] | var | Reactive power L3 (fundamental comp.) |
| 1347 | float | RD | _QLN[3] | var | Reactive power L4 (fundamental comp.) |
| 1349 | float | RD | _SLN[0] | VA | Apparent power L1 |
| 1351 | float | RD | _SLN[1] | VA | Apparent power L2 |
| 1353 | float | RD | _SLN[2] | VA | Apparent power L3 |
| 1355 | float | RD | _SLN[3] | VA | Apparent power L4 |
| 1357 | float | RD | _ULL[0] | V | Voltage L1-L2 |
| 1359 | float | RD | _ULL[1] | V | Voltage L2-L3 |
| 1361 | float | RD | _ULL[2] | V | Voltage L3-L1 |
| 1363 | float | RD | _I_SUM3 | A | Vector sum; $I_N=I_1+I_2+I_3$ |
| 1365 | float | RD | _I_SUM | A | Vector sum; $I_1+I_2+I_3+I_4$ |
| 1367 | float | RD | _S_SUM3 | VA | Sum; $S_{sum3}=S_1+S_2+S_3$ |
| 1369 | float | RD | _P_SUM3 | W | Sum; $P_{sum3}=P_1+P_2+P_3$ |
| 1371 | float | RD | _Q_SUM3 | var | Sum; $Q_{sum3}=Q_1+Q_2+Q_3$ (fundamental comp.) |
| 1373 | float | RD | _COS_SUM3 | - | P_{sum3}, Q_{sum3} , (fundamental comp.) |
| 1375 | float | RD | _S_SUM | VA | $S_1+S_2+S_3+S_4$ |
| 1377 | float | RD | _P_SUM | W | $P_1+P_2+P_3+P_4$ |
| 1379 | float | RD | _Q_SUM | var | $Q_1+Q_2+Q_3+Q_4$ (fundamental comp.) |
| 1381 | float | RD | _COS_SUM | - | P_{sum}, Q_{sum} , (fundamental comp.) |
| 1383 | float | RD | _ULN_RE[0] | V | Voltage, real part L1-N |
| 1385 | float | RD | _ULN_RE[1] | V | Voltage, real part L2-N |
| 1387 | float | RD | _ULN_RE[2] | V | Voltage, real part L3-N |
| 1389 | float | RD | _ULN_RE[3] | V | Voltage, real part L4-N |
| 1391 | float | RD | _ULN_IM[0] | V | Voltage, imaginary part L1-N |
| 1393 | float | RD | _ULN_IM[1] | V | Voltage, imaginary part L2-N |
| 1395 | float | RD | _ULN_IM[2] | V | Voltage, imaginary part L3-N |
| 1397 | float | RD | _ULN_IM[3] | V | Voltage, imaginary part L4-N |
| 1399 | float | RD | _IL_RE[0] | A | Current, real part L1 |
| 1401 | float | RD | _IL_RE[1] | A | Current, real part L2 |
| 1403 | float | RD | _IL_RE[2] | A | Current, real part L3 |
| 1405 | float | RD | _IL_RE[3] | A | Current, real part L4 |
| 1407 | float | RD | _IL_IM[0] | A | Current, imaginary part L1 |
| 1409 | float | RD | _IL_IM[1] | A | Current, imaginary part L2 |
| 1411 | float | RD | _IL_IM[2] | A | Current, imaginary part L3 |
| 1413 | float | RD | _IL_IM[3] | A | Current, imaginary part L4 |
| 1415 | float | RD | _PHASE[0] | ° | Phase, UL1 IL1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|---------------|------|--|
| 1417 | float | RD | _PHASE[1] | ° | Phase, UL2 IL2 |
| 1419 | float | RD | _PHASE[2] | ° | Phase, UL 3IL3 |
| 1421 | float | RD | _PHASE[3] | ° | Phase, UL4 IL4 |
| 1423 | float | RD | _COS_PHI[0] | - | CosPhi; UL1 IL1 (fundamental comp.) |
| 1425 | float | RD | _COS_PHI[1] | - | CosPhi; UL2 IL2 (fundamental comp.) |
| 1427 | float | RD | _COS_PHI[2] | - | CosPhi; UL3 IL3 (fundamental comp.) |
| 1429 | float | RD | _COS_PHI[3] | - | CosPhi; UL4 IL4 (fundamental comp.) |
| 1431 | float | RD | _IND_CAP[0] | - | Sign; Q L1, +1=ind., -1=cap. |
| 1433 | float | RD | _IND_CAP[1] | - | Sign; Q L2,+1=ind., -1=cap. |
| 1435 | float | RD | _IND_CAP[2] | - | Sign; Q L3, +1=ind., -1=cap. |
| 1437 | float | RD | _IND_CAP[3] | - | Sign; Q L4, +1=ind., -1=cap. |
| 1439 | float | RD | _FREQ | Hz | Measured frequency |
| 1441 | float | RD | _N | V | Voltage, Zero sequence |
| 1443 | float | RD | _M | V | Voltage, positive sequence |
| 1445 | float | RD | _G | V | Voltage, negative sequence |
| 1447 | float | RD | _SYM | % | Voltage, Unsymmetrical |
| 1449 | float | RD | _PHASE_SEQ | - | Rotation field; 1=right, 0=none, -1=left |
| 1451 | float | RD | _IN | A | Current, Zero sequence |
| 1453 | float | RD | _IM | A | Current, positive sequence |
| 1455 | float | RD | _IG | A | Current, negative sequence |
| 1457 | float | RD | _S0_POWER[0] | W | Input 1, measured value |
| 1459 | float | RD | _S0_POWER[1] | W | Input 2, measured value |
| 1461 | float | RD | _S0_POWER[2] | W | Input 3, measured value |
| 1463 | float | RD | _S0_POWER[3] | W | Input 4, measured value |
| 1465 | float | RD | _S0_POWER[4] | W | Input 5, measured value |
| 1467 | float | RD | _S0_POWER[5] | W | Input 6, measured value |
| 1469 | float | RD | _S0_POWER[6] | W | Input 7, measured value |
| 1471 | float | RD | _S0_POWER[7] | W | Input 8, measured value |
| 1473 | float | RD | _TEMPERATUR | °C | Internal temperature |
| 19122 | float | RD | _IND_CAP_SUM3 | - | Sign; Q1+Q2+Q3 |
| 19124 | float | RD | _IND_CAP_SUM | - | Sign; Q1+Q2+Q3+Q4 |

Mean values (float type)

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|---------------------|------|---|
| 2755 | float | RD | _THD_ULN_AVG[0] | % | Average, Harmonics, THD; U L1-N |
| 2757 | float | RD | _THD_ULN_AVG[1] | % | Average, Harmonics, THD; U L2-N |
| 2759 | float | RD | _THD_ULN_AVG[2] | % | Average, Harmonics, THD; U L3-N |
| 2761 | float | RD | _THD_ULN_AVG[3] | % | Average, Harmonics, THD; U L4-N |
| 2763 | float | RD | _THD_ILN_AVG[0] | % | Average, Harmonics, THD; I L1 |
| 2765 | float | RD | _THD_ILN_AVG[1] | % | Average, Harmonics, THD; I L2 |
| 2767 | float | RD | _THD_ILN_AVG[2] | % | Average, Harmonics, THD; I L3 |
| 2769 | float | RD | _THD_ILN_AVG[3] | % | Average, Harmonics, THD; I L4 |
| 2771 | float | RD | _KFACT_AVG[0] | - | Average, K-Factor |
| 2773 | float | RD | _KFACT_AVG[1] | - | Average, K-Factor |
| 2775 | float | RD | _KFACT_AVG[2] | - | Average, K-Factor |
| 2777 | float | RD | _KFACT_AVG[3] | - | Average, K-Factor |
| 2779 | float | RD | _ULN_AVG[0] | V | Average, U L1-N |
| 2781 | float | RD | _ULN_AVG[1] | V | Average, U L2-N |
| 2783 | float | RD | _ULN_AVG[2] | V | Average, U L3-N |
| 2785 | float | RD | _ULN_AVG[3] | V | Average, U L4-N |
| 2787 | float | RD | _ILN_AVG[0] | A | Average, I L1 |
| 2789 | float | RD | _ILN_AVG[1] | A | Average, I L2 |
| 2791 | float | RD | _ILN_AVG[2] | A | Average, I L3 |
| 2793 | float | RD | _ILN_AVG[3] | A | Average, I L4 |
| 2795 | float | RD | _PLN_AVG[0] | W | Average, P L1 |
| 2797 | float | RD | _PLN_AVG[1] | W | Average, P L2 |
| 2799 | float | RD | _PLN_AVG[2] | W | Average, P L3 |
| 2801 | float | RD | _PLN_AVG[3] | W | Average, P L4 |
| 2803 | float | RD | _QLN_AVG[0] | var | Average, Q L1 |
| 2805 | float | RD | _QLN_AVG[1] | var | Average, Q L2 |
| 2807 | float | RD | _QLN_AVG[2] | var | Average, Q L3 |
| 2809 | float | RD | _QLN_AVG[3] | var | Average, Q L4 |
| 2811 | float | RD | _SLN_AVG[0] | VA | Average, S L1 |
| 2813 | float | RD | _SLN_AVG[1] | VA | Average, S L2 |
| 2815 | float | RD | _SLN_AVG[2] | VA | Average, S L3 |
| 2817 | float | RD | _SLN_AVG[3] | VA | Average, S L4 |
| 2819 | float | RD | _ULL_AVG[0] | V | Average, U L1-L2 |
| 2821 | float | RD | _ULL_AVG[1] | V | Average, U L2-L3 |
| 2823 | float | RD | _ULL_AVG[2] | V | Average, U L3-L4 |
| 2825 | float | RD | _I_SUM3_AVG | A | Average, I _{sum} =I ₁ +I ₂ +I ₃ |
| 2827 | float | RD | _I_SUM_AVG | A | Average, I _{sum} =I ₁ +I ₂ +I ₃ +I ₄ |
| 2829 | float | RD | _S_SUM3_AVG | VA | Average, S _{sum} =S ₁ +S ₂ +S ₃ |
| 2831 | float | RD | _P_SUM3_AVG | W | Average, P _{sum} =P ₁ +P ₂ +P ₃ |
| 2833 | float | RD | _Q_SUM3_AVG | var | Average, Q _{sum} =Q ₁ +Q ₂ +Q ₃ |
| 2835 | float | RD | _S_SUM_AVG | VA | Average, S _{sum} =S ₁ +S ₂ +S ₃ +S ₄ |
| 2837 | float | RD | _P_SUM_AVG | W | Average, P _{sum} =P ₁ +P ₂ +P ₃ +P ₄ |
| 2839 | float | RD | _Q_SUM_AVG | var | Average, Q _{sum} =Q ₁ +Q ₂ +Q ₃ +Q ₄ |
| 2841 | float | RD | _FREQ_AVG | Hz | Average frequency |
| 2843 | float | RD | _N_AVG | V | Average, voltage, zero sequence |
| 2845 | float | RD | _M_AVG | V | Average, voltage, positive sequence |
| 2847 | float | RD | _G_AVG | V | Average, voltage, negative sequence |
| 2849 | float | RD | _SYM_AVG | % | Average, unsymmetrical voltage |
| 2851 | float | RD | _IN_AVG | A | Average, current, zero sequence |
| 2853 | float | RD | _IM_AVG | A | Average, current, positive sequence |
| 2855 | float | RD | _IG_AVG | A | Average, current, negative sequence |
| 2857 | float | RD | _S0_POWER_AVG[0] | W | Average, input, measured value |
| 2859 | float | RD | _S0_POWER_AVG[1] | W | Average, input, measured value |
| 2861 | float | RD | _S0_POWER_AVG[2] | W | Average, input, measured value |
| 2863 | float | RD | _S0_POWER_AVG[3] | W | Average, input, measured value |
| 2865 | float | RD | _S0_POWER_AVG[4] | W | Average, input, measured value |
| 2867 | float | RD | _S0_POWER_AVG[5] | W | Average, input, measured value |
| 2869 | float | RD | _S0_POWER_AVG[6] | W | Average, input, measured value |
| 2871 | float | RD | _S0_POWER_AVG[7] | W | Average, input, measured value |
| 2873 | float | RD | _EXT_TEMPERATUR_AVG | °C | Average, internal temperature |

Minimum values (float type)

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|---------------------|------|------------------------------------|
| 3195 | float | RD/WR | _THD_ULN_MIN[0] | % | Minimum, Harmonics, THD; U L1-N |
| 3197 | float | RD/WR | _THD_ULN_MIN[1] | % | Minimum, Harmonics, THD; U L2-N |
| 3199 | float | RD/WR | _THD_ULN_MIN[2] | % | Minimum, Harmonics, THD; U L3-N |
| 3201 | float | RD/WR | _THD_ULN_MIN[3] | % | Minimum, Harmonics, THD; U L4-N |
| 3203 | float | RD/WR | _ULN_MIN[0] | V | Minimum, U L1-N |
| 3205 | float | RD/WR | _ULN_MIN[1] | V | Minimum, U L2-N |
| 3207 | float | RD/WR | _ULN_MIN[2] | V | Minimum, U L3-N |
| 3209 | float | RD/WR | _ULN_MIN[3] | V | Minimum, U L4-N |
| 3211 | float | RD/WR | _ULL_MIN[0] | V | Minimum, U L1-L2 |
| 3213 | float | RD/WR | _ULL_MIN[1] | V | Minimum, U L2-L3 |
| 3215 | float | RD/WR | _ULL_MIN[2] | V | Minimum, U L3-L4 |
| 3217 | float | RD/WR | _FREQ_MIN | Hz | Minimum, frequency |
| 3219 | float | RD/WR | _N_MIN | V | Minimum, zero sequence voltage |
| 3221 | float | RD/WR | _M_MIN | V | Minimum, positive sequence voltage |
| 3223 | float | RD/WR | _G_MIN | V | Minimum, negative sequence voltage |
| 3225 | float | RD/WR | _SYM_MIN | % | Minimum, unsymmetrical voltage |
| 3227 | float | RD | _EXT_TEMPERATUR_MIN | °C | Minimum, internal temperature |

Maximum values (float type)

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|---------------------|------|--|
| 4509 | float | RD/WR | _THD_ULN_MAX[0] | % | Maximum, harmonics, THD; U L1-N |
| 4511 | float | RD/WR | _THD_ULN_MAX[1] | % | Maximum, harmonics, THD; U L2-N |
| 4513 | float | RD/WR | _THD_ULN_MAX[2] | % | Maximum, harmonics, THD; U L3-N |
| 4515 | float | RD/WR | _THD_ULN_MAX[3] | % | Maximum, harmonics, THD; U L4-N |
| 4517 | float | RD/WR | _THD_ILN_MAX[0] | % | Maximum, harmonics, THD; I1 |
| 4519 | float | RD/WR | _THD_ILN_MAX[1] | % | Maximum, harmonics, THD; I2 |
| 4521 | float | RD/WR | _THD_ILN_MAX[2] | % | Maximum, harmonics, THD; I3 |
| 4523 | float | RD/WR | _THD_ILN_MAX[3] | % | Maximum, harmonics, THD; I4 |
| 4525 | float | RD/WR | _KFACT_MAX[0] | | Maximum, K-Factor |
| 4527 | float | RD/WR | _KFACT_MAX[1] | | Maximum, K-Factor |
| 4529 | float | RD/WR | _KFACT_MAX[2] | | Maximum, K-Factor |
| 4531 | float | RD/WR | _KFACT_MAX[3] | | Maximum, K-Factor |
| 4533 | float | RD/WR | _ULN_MAX[0] | V | Maximum, U L1-N |
| 4535 | float | RD/WR | _ULN_MAX[1] | V | Maximum, U L2-N |
| 4537 | float | RD/WR | _ULN_MAX[2] | V | Maximum, U L3-N |
| 4539 | float | RD/WR | _ULN_MAX[3] | V | Maximum, U L4-N |
| 4541 | float | RD/WR | _ILN_MAX[0] | A | Maximum, I L1 |
| 4543 | float | RD/WR | _ILN_MAX[1] | A | Maximum, I L2 |
| 4545 | float | RD/WR | _ILN_MAX[2] | A | Maximum, I L3 |
| 4547 | float | RD/WR | _ILN_MAX[3] | A | Maximum, I L4 |
| 4549 | float | RD/WR | _PLN_MAX[0] | W | Maximum, P L1 |
| 4551 | float | RD/WR | _PLN_MAX[1] | W | Maximum, P L2 |
| 4553 | float | RD/WR | _PLN_MAX[2] | W | Maximum, P L3 |
| 4555 | float | RD/WR | _PLN_MAX[3] | W | Maximum, P L4 |
| 4557 | float | RD/WR | _QLN_MAX[0] | var | Maximum, Q L1 |
| 4559 | float | RD/WR | _QLN_MAX[1] | var | Maximum, Q L2 |
| 4561 | float | RD/WR | _QLN_MAX[2] | var | Maximum, Q L3 |
| 4563 | float | RD/WR | _QLN_MAX[3] | var | Maximum, Q L4 |
| 4565 | float | RD/WR | _SLN_MAX[0] | VA | Maximum, S L1 |
| 4567 | float | RD/WR | _SLN_MAX[1] | VA | Maximum, S L2 |
| 4569 | float | RD/WR | _SLN_MAX[2] | VA | Maximum, S L3 |
| 4571 | float | RD/WR | _SLN_MAX[3] | VA | Maximum, S L4 |
| 4573 | float | RD/WR | _ULL_MAX[0] | V | Maximum, U L1-L2 |
| 4575 | float | RD/WR | _ULL_MAX[1] | V | Maximum, U L2-L3 |
| 4577 | float | RD/WR | _ULL_MAX[2] | V | Maximum, U L3-L4 |
| 4579 | float | RD/WR | _I_SUM3_MAX | A | Maximum, I _N =I1+I2+I3 |
| 4581 | float | RD/WR | _I_SUM_MAX | A | Maximum, I1+I2+I3+I4 |
| 4583 | float | RD/WR | _S_SUM3_MAX | VA | Maximum, S _{sum3} =S1+S2+S3 |
| 4585 | float | RD/WR | _P_SUM3_MAX | W | Maximum, P _{sum3} =P1+P2+P3 |
| 4587 | float | RD/WR | _Q_SUM3_MAX | var | Maximum, Q _{sum3} =Q1+Q2+Q3 |
| 4589 | float | RD/WR | _S_SUM_MAX | VA | Maximum, S _{sum} =S1+S2+S3+S4 |
| 4591 | float | RD/WR | _P_SUM_MAX | W | Maximum, P _{sum} =P1+P2+P3+P4 |
| 4593 | float | RD/WR | _Q_SUM_MAX | var | Maximum, Q _{sum} =Q1+Q2+Q3+Q4 |
| 4595 | float | RD/WR | _FREQ_MAX | Hz | Maximum, frequency |
| 4597 | float | RD/WR | _N_MAX | V | Maximum, zero sequence voltage |
| 4599 | float | RD/WR | _M_MAX | V | Maximum, positive sequence voltage |
| 4601 | float | RD/WR | _G_MAX | V | Maximum, negative sequence voltage |
| 4603 | float | RD/WR | _SYM_MAX | % | Maximum, unsymmetrical voltage |
| 4605 | float | RD/WR | _IN_MAX | A | Maximum, zero sequence current |
| 4607 | float | RD/WR | _IM_MAX | A | Maximum, positive sequence current |
| 4609 | float | RD/WR | _IG_MAX | A | Maximum, negative sequence current |
| 4611 | float | RD | _S0_POWER_MAX[0] | W | Maximum, input, measured value |
| 4613 | float | RD | _S0_POWER_MAX[1] | W | Maximum, input, measured value |
| 4615 | float | RD | _S0_POWER_MAX[2] | W | Maximum, input, measured value |
| 4617 | float | RD | _S0_POWER_MAX[3] | W | Maximum, input, measured value |
| 4619 | float | RD | _S0_POWER_MAX[4] | W | Maximum, input, measured value |
| 4621 | float | RD | _S0_POWER_MAX[5] | W | Maximum, input, measured value |
| 4623 | float | RD | _S0_POWER_MAX[6] | W | Maximum, input, measured value |
| 4625 | float | RD | _S0_POWER_MAX[7] | W | Maximum, input, measured value |
| 4627 | float | RD | _EXT_TEMPERATUR_MAX | °C | Maximum, internal temperature |

Averaging time

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-----------------------|------|---|
| 5269 | short | RD/WR | _THD_ULN_AVG_T[0] | n | Averaging time, harmonics, THD, U L1-N |
| 5270 | short | RD/WR | _THD_ULN_AVG_T[1] | n | Averaging time, harmonics, THD, U L2-N |
| 5271 | short | RD/WR | _THD_ULN_AVG_T[2] | n | Averaging time, harmonics, THD, U L3-N |
| 5272 | short | RD/WR | _THD_ULN_AVG_T[3] | n | Averaging time, harmonics, THD, U L4-N |
| 5273 | short | RD/WR | _THD_ILN_AVG_T[0] | n | Averaging time, harmonics, THD, I1 |
| 5274 | short | RD/WR | _THD_ILN_AVG_T[1] | n | Averaging time, harmonics, THD, I2 |
| 5275 | short | RD/WR | _THD_ILN_AVG_T[2] | n | Averaging time, harmonics, THD, I3 |
| 5276 | short | RD/WR | _THD_ILN_AVG_T[3] | n | Averaging time, harmonics, THD, I4 |
| 5277 | short | RD/WR | _KFACT_AVG_T[0] | n | Averaging time, K-Factor |
| 5278 | short | RD/WR | _KFACT_AVG_T[1] | n | Averaging time, K-Factor |
| 5279 | short | RD/WR | _KFACT_AVG_T[2] | n | Averaging time, K-Factor |
| 5280 | short | RD/WR | _KFACT_AVG_T[3] | n | Averaging time, K-Factor |
| 5281 | short | RD/WR | _ULN_AVG_T[0] | n | Averaging time, U L1-N |
| 5282 | short | RD/WR | _ULN_AVG_T[1] | n | Averaging time, U L2-N |
| 5283 | short | RD/WR | _ULN_AVG_T[2] | n | Averaging time, U L3-N |
| 5284 | short | RD/WR | _ULN_AVG_T[3] | n | Averaging time, U L4-N |
| 5285 | short | RD/WR | _ILN_AVG_T[0] | n | Averaging time, I L1 |
| 5286 | short | RD/WR | _ILN_AVG_T[1] | n | Averaging time, I L2 |
| 5287 | short | RD/WR | _ILN_AVG_T[2] | n | Averaging time, I L3 |
| 5288 | short | RD/WR | _ILN_AVG_T[3] | n | Averaging time, I L4 |
| 5289 | short | RD/WR | _PLN_AVG_T[0] | n | Averaging time, P L1 |
| 5290 | short | RD/WR | _PLN_AVG_T[1] | n | Averaging time, P L2 |
| 5291 | short | RD/WR | _PLN_AVG_T[2] | n | Averaging time, P L3 |
| 5292 | short | RD/WR | _PLN_AVG_T[3] | n | Averaging time, P L4 |
| 5293 | short | RD/WR | _QLN_AVG_T[0] | n | Averaging time, Q L1 |
| 5294 | short | RD/WR | _QLN_AVG_T[1] | n | Averaging time, Q L2 |
| 5295 | short | RD/WR | _QLN_AVG_T[2] | n | Averaging time, Q L3 |
| 5296 | short | RD/WR | _QLN_AVG_T[3] | n | Averaging time, Q L4 |
| 5297 | short | RD/WR | _SLN_AVG_T[0] | n | Averaging time, S L1 |
| 5298 | short | RD/WR | _SLN_AVG_T[1] | n | Averaging time, S L2 |
| 5299 | short | RD/WR | _SLN_AVG_T[2] | n | Averaging time, S L3 |
| 5300 | short | RD/WR | _SLN_AVG_T[3] | n | Averaging time, S L4 |
| 5301 | short | RD/WR | _ULL_AVG_T[0] | n | Averaging time, U L1-L2 |
| 5302 | short | RD/WR | _ULL_AVG_T[1] | n | Averaging time, U L2-L3 |
| 5303 | short | RD/WR | _ULL_AVG_T[2] | n | Averaging time, U L3-L4 |
| 5304 | short | RD/WR | _I_SUM3_AVG_T | n | Averaging time, IN=I1+I2+I3 |
| 5305 | short | RD/WR | _I_SUM_AVG_T | n | Averaging time, I1+I2+I3+I4 |
| 5306 | short | RD/WR | _S_SUM3_AVG_T | n | Averaging time, S=S1+S2+S3 |
| 5307 | short | RD/WR | _P_SUM3_AVG_T | n | Averaging time, P=P1+P2+P3 |
| 5308 | short | RD/WR | _Q_SUM3_AVG_T | n | Averaging time, Q=Q1+Q2+Q3 |
| 5309 | short | RD/WR | _S_SUM_AVG_T | n | Averaging time, S1+S2+S3+S4 |
| 5310 | short | RD/WR | _P_SUM_AVG_T | n | Averaging time, P1+P2+P3+P4 |
| 5311 | short | RD/WR | _Q_SUM_AVG_T | n | Averaging time, Q1+Q2+Q3+Q4 |
| 5312 | short | RD/WR | _FREQ_AVG_T | n | Averaging time, frequency |
| 5313 | short | RD/WR | _N_AVG_T | n | Averaging time, zero sequence voltage |
| 5314 | short | RD/WR | _M_AVG_T | n | Averaging time, positive sequence voltage |
| 5315 | short | RD/WR | _G_AVG_T | n | Averaging time, negative sequence voltage |
| 5316 | short | RD/WR | _SYM_AVG_T | n | Averaging time, unsymmetrical voltage |
| 5317 | short | RD/WR | _IN_AVG_T | n | Averaging time, zero sequence current |
| 5318 | short | RD/WR | _IM_AVG_T | n | Averaging time, positive sequence current |
| 5319 | short | RD/WR | _IG_AVG_T | n | Averaging time, negative sequence current |
| 5320 | short | RD | _S0_POWER_AVG_T[0] | n | Averaging time, input, measured value |
| 5321 | short | RD | _S0_POWER_AVG_T[1] | n | Averaging time, input, measured value |
| 5322 | short | RD | _S0_POWER_AVG_T[2] | n | Averaging time, input, measured value |
| 5323 | short | RD | _S0_POWER_AVG_T[3] | n | Averaging time, input, measured value |
| 5324 | short | RD | _S0_POWER_AVG_T[4] | n | Averaging time, input, measured value |
| 5325 | short | RD | _S0_POWER_AVG_T[5] | n | Averaging time, input, measured value |
| 5326 | short | RD | _S0_POWER_AVG_T[6] | n | Averaging time, input, measured value |
| 5327 | short | RD | _S0_POWER_AVG_T[7] | n | Averaging time, input, measured value |
| 5328 | short | RD | _EXT_TEMPERATUR_AVG_T | °C | Averaging time, internal temperature |

Minimum values time stamp

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-----------------------|------|--|
| 5649 | uint | RD/WR | _THD_ULN_MIN_T[0] | s | Time of min. val. (UTC), harmonics, THD U L1-N |
| 5651 | uint | RD/WR | _THD_ULN_MIN_T[1] | s | Time of min. val. (UTC), harmonics, THD U L2-N |
| 5653 | uint | RD/WR | _THD_ULN_MIN_T[2] | s | Time of min. val. (UTC), harmonics, THD U L3-N |
| 5655 | uint | RD/WR | _THD_ULN_MIN_T[3] | s | Time of min. val. (UTC), harmonics, THD U L4-N |
| 5657 | uint | RD/WR | _ULN_MIN_T[0] | s | Time of min. val. (UTC), U L1-N |
| 5659 | uint | RD/WR | _ULN_MIN_T[1] | s | Time of min. val. (UTC), U L2-N |
| 5661 | uint | RD/WR | _ULN_MIN_T[2] | s | Time of min. val. (UTC), U L3-N |
| 5663 | uint | RD/WR | _ULN_MIN_T[3] | s | Time of min. val. (UTC), U L4-N |
| 5665 | uint | RD/WR | _ULL_MIN_T[0] | s | Time of min. val. (UTC), U L1-L2 |
| 5667 | uint | RD/WR | _ULL_MIN_T[1] | s | Time of min. val. (UTC), U L2-L3 |
| 5669 | uint | RD/WR | _ULL_MIN_T[2] | s | Time of min. val. (UTC), U L3-L4 |
| 5671 | uint | RD/WR | _FREQ_MIN_T | s | Time of min. val. (UTC), frequency |
| 5673 | uint | RD/WR | _N_MIN_T | s | Time of min. val. (UTC), zero sequence voltage |
| 5675 | uint | RD/WR | _M_MIN_T | s | Time of min. val. (UTC), zero positive voltage |
| 5677 | uint | RD/WR | _G_MIN_T | s | Time of min. val. (UTC), zero negative voltage |
| 5679 | uint | RD/WR | _SYM_MIN_T | s | Time of min. val. (UTC), input, measured value |
| 5681 | uint | RD | _EXT_TEMPERATUR_MIN_T | s | Time of min. val. (UTC), internal temperature |

Maximum values time stamp

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-----------------------|------|---|
| 6963 | uint | RD/WR | _THD_ULN_MAX_T[0] | s | Time of max. value (UTC), harmonics, THD U L1-N |
| 6965 | uint | RD/WR | _THD_ULN_MAX_T[1] | s | Time of max. value (UTC), harmonics, THD U L2-N |
| 6967 | uint | RD/WR | _THD_ULN_MAX_T[2] | s | Time of max. value (UTC), harmonics, THD U L3-N |
| 6969 | uint | RD/WR | _THD_ULN_MAX_T[3] | s | Time of max. value (UTC), harmonics, THD U L4-N |
| 6971 | uint | RD/WR | _THD_ILN_MAX_T[0] | s | Time of max. value (UTC), harmonics, THD I L1 |
| 6973 | uint | RD/WR | _THD_ILN_MAX_T[1] | s | Time of max. value (UTC), harmonics, THD I L2 |
| 6975 | uint | RD/WR | _THD_ILN_MAX_T[2] | s | Time of max. value (UTC), harmonics, THD I L3 |
| 6977 | uint | RD/WR | _THD_ILN_MAX_T[3] | s | Time of max. value (UTC), harmonics, THD I L4 |
| 6979 | uint | RD/WR | _KFACT_MAX_T[0] | s | Time of max. value (UTC), K-Factor |
| 6981 | uint | RD/WR | _KFACT_MAX_T[1] | s | Time of max. value (UTC), K-Factor |
| 6983 | uint | RD/WR | _KFACT_MAX_T[2] | s | Time of max. value (UTC), K-Factor |
| 6985 | uint | RD/WR | _KFACT_MAX_T[3] | s | Time of max. value (UTC), K-Factor |
| 6987 | uint | RD/WR | _ULN_MAX_T[0] | s | Time of max. value (UTC), U L1-N |
| 6989 | uint | RD/WR | _ULN_MAX_T[1] | s | Time of max. value (UTC), U L2-N |
| 6991 | uint | RD/WR | _ULN_MAX_T[2] | s | Time of max. value (UTC), U L3-N |
| 6993 | uint | RD/WR | _ULN_MAX_T[3] | s | Time of max. value (UTC), U L4-N |
| 6995 | uint | RD/WR | _ILN_MAX_T[0] | s | Time of max. value (UTC), I L1 |
| 6997 | uint | RD/WR | _ILN_MAX_T[1] | s | Time of max. value (UTC), I L2 |
| 6999 | uint | RD/WR | _ILN_MAX_T[2] | s | Time of max. value (UTC), I L3 |
| 7001 | uint | RD/WR | _ILN_MAX_T[3] | s | Time of max. value (UTC), I L4 |
| 7003 | uint | RD/WR | _PLN_MAX_T[0] | s | Time of max. value (UTC), P L1 |
| 7005 | uint | RD/WR | _PLN_MAX_T[1] | s | Time of max. value (UTC), P L2 |
| 7007 | uint | RD/WR | _PLN_MAX_T[2] | s | Time of max. value (UTC), P L3 |
| 7009 | uint | RD/WR | _PLN_MAX_T[3] | s | Time of max. value (UTC), P L4 |
| 7011 | uint | RD/WR | _QLN_MAX_T[0] | s | Time of max. value (UTC), Q L1 |
| 7013 | uint | RD/WR | _QLN_MAX_T[1] | s | Time of max. value (UTC), Q L2 |
| 7015 | uint | RD/WR | _QLN_MAX_T[2] | s | Time of max. value (UTC), Q L3 |
| 7017 | uint | RD/WR | _QLN_MAX_T[3] | s | Time of max. value (UTC), Q L4 |
| 7019 | uint | RD/WR | _SLN_MAX_T[0] | s | Time of max. value (UTC), S L1 |
| 7021 | uint | RD/WR | _SLN_MAX_T[1] | s | Time of max. value (UTC), S L2 |
| 7023 | uint | RD/WR | _SLN_MAX_T[2] | s | Time of max. value (UTC), S L3 |
| 7025 | uint | RD/WR | _SLN_MAX_T[3] | s | Time of max. value (UTC), S L4 |
| 7027 | uint | RD/WR | _ULL_MAX_T[0] | s | Time of max. value (UTC), U L1-L2 |
| 7029 | uint | RD/WR | _ULL_MAX_T[1] | s | Time of max. value (UTC), U L2-L3 |
| 7031 | uint | RD/WR | _ULL_MAX_T[2] | s | Time of max. value (UTC), U L3-L4 |
| 7033 | uint | RD/WR | _I_SUM3_MAX_T | s | Time of max. value (UTC), IN=I1+I2+I3 |
| 7035 | uint | RD/WR | _I_SUM_MAX_T | s | Time of max. value (UTC), I1+I2+I3+I4 |
| 7037 | uint | RD/WR | _S_SUM3_MAX_T | s | Time of max. value (UTC), S1+S2+S3 |
| 7039 | uint | RD/WR | _P_SUM3_MAX_T | s | Time of max. value (UTC), P1+P2+P3 |
| 7041 | uint | RD/WR | _Q_SUM3_MAX_T | s | Time of max. value (UTC), Q1+Q2+Q3 |
| 7043 | uint | RD/WR | _S_SUM_MAX_T | s | Time of max. value (UTC), S1+S2+S3+S4 |
| 7045 | uint | RD/WR | _P_SUM_MAX_T | s | Time of max. value (UTC), P1+P2+P3+P4 |
| 7047 | uint | RD/WR | _Q_SUM_MAX_T | s | Time of max. value (UTC), Q1+Q2+Q3+Q4 |
| 7049 | uint | RD/WR | _FREQ_MAX_T | s | Time of max. value (UTC), Frequency |
| 7051 | uint | RD/WR | _N_MAX_T | s | Time of max. val. (UTC), zero sequence voltage |
| 7053 | uint | RD/WR | _M_MAX_T | s | Time of max. val. (UTC), zero positiv voltage |
| 7055 | uint | RD/WR | _G_MAX_T | s | Time of max. val. (UTC), zero negative voltage |
| 7057 | uint | RD/WR | _SYM_MAX_T | s | Time of max. val. (UTC), unsymmetrical voltage |
| 7059 | uint | RD/WR | _IN_MAX_T | s | Time of max. val. (UTC), zero sequence current |
| 7061 | uint | RD/WR | _IM_MAX_T | s | Time of max. val. (UTC), zero positiv current |
| 7063 | uint | RD/WR | _IG_MAX_T | s | Time of max. val. (UTC), zero negative current |
| 7065 | uint | RD | _S0_POWER_MAX_T[0] | s | Time of max. val. (UTC), input, measured value |
| 7067 | uint | RD | _S0_POWER_MAX_T[1] | s | Time of max. val. (UTC), input, measured value |
| 7069 | uint | RD | _S0_POWER_MAX_T[2] | s | Time of max. val. (UTC), input, measured value |
| 7071 | uint | RD | _S0_POWER_MAX_T[3] | s | Time of max. val. (UTC), input, measured value |
| 7073 | uint | RD | _S0_POWER_MAX_T[4] | s | Time of max. val. (UTC), input, measured value |
| 7075 | uint | RD | _S0_POWER_MAX_T[5] | s | Time of max. val. (UTC), input, measured value |
| 7077 | uint | RD | _S0_POWER_MAX_T[6] | s | Time of max. val. (UTC), input, measured value |
| 7079 | uint | RD | _S0_POWER_MAX_T[7] | s | Time of max. val. (UTC), input, measured value |
| 7081 | uint | RD | _EXT_TEMPERATUR_MAX_T | s | Time of max. val.(UTC), internal temperature |

Maximum values of mean values (float type)

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-------------------------|------|--|
| 8363 | float | RD/WR | _THD_ULN_AVG_MAX[0] | % | Max. values of average val., THD U L1-N |
| 8365 | float | RD/WR | _THD_ULN_AVG_MAX[1] | % | Max. values of average val., THD U L2-N |
| 8367 | float | RD/WR | _THD_ULN_AVG_MAX[2] | % | Max. values of average val., THD U L3-N |
| 8369 | float | RD/WR | _THD_ULN_AVG_MAX[3] | % | Max. values of average val., THD U L4-N |
| 8371 | float | RD/WR | _THD_ILN_AVG_MAX[0] | % | Max. values of average val., THD I L1 |
| 8373 | float | RD/WR | _THD_ILN_AVG_MAX[1] | % | Max. values of average val., THD I L2 |
| 8375 | float | RD/WR | _THD_ILN_AVG_MAX[2] | % | Max. values of average val., THD I L3 |
| 8377 | float | RD/WR | _THD_ILN_AVG_MAX[3] | % | Max. values of average val., THD I L4 |
| 8379 | float | RD/WR | _KFACT_AVG_MAX[0] | | Max. values of average val., K-Factor |
| 8381 | float | RD/WR | _KFACT_AVG_MAX[1] | | Max. values of average val., K-Factor |
| 8383 | float | RD/WR | _KFACT_AVG_MAX[2] | | Max. values of average val., K-Factor |
| 8385 | float | RD/WR | _KFACT_AVG_MAX[3] | | Max. values of average val., K-Factor |
| 8387 | float | RD/WR | _ULN_AVG_MAX[0] | V | Max. values of average val., U L1-N |
| 8389 | float | RD/WR | _ULN_AVG_MAX[1] | V | Max. values of average val., U L2-N |
| 8391 | float | RD/WR | _ULN_AVG_MAX[2] | V | Max. values of average val., U L3-N |
| 8393 | float | RD/WR | _ULN_AVG_MAX[3] | V | Max. values of average val., U L4-N |
| 8395 | float | RD/WR | _ILN_AVG_MAX[0] | A | Max. values of average val., I L1 |
| 8397 | float | RD/WR | _ILN_AVG_MAX[1] | A | Max. values of average val., I L2 |
| 8399 | float | RD/WR | _ILN_AVG_MAX[2] | A | Max. values of average val., I L3 |
| 8401 | float | RD/WR | _ILN_AVG_MAX[3] | A | Max. values of average val., I L4 |
| 8403 | float | RD/WR | _PLN_AVG_MAX[0] | W | Max. values of average val., P L1 |
| 8405 | float | RD/WR | _PLN_AVG_MAX[1] | W | Max. values of average val., P L2 |
| 8407 | float | RD/WR | _PLN_AVG_MAX[2] | W | Max. values of average val., P L3 |
| 8409 | float | RD/WR | _PLN_AVG_MAX[3] | W | Max. values of average val., P L4 |
| 8411 | float | RD/WR | _QLN_AVG_MAX[0] | var | Max. values of average val., Q L1 |
| 8413 | float | RD/WR | _QLN_AVG_MAX[1] | var | Max. values of average val., Q L2 |
| 8415 | float | RD/WR | _QLN_AVG_MAX[2] | var | Max. values of average val., Q L3 |
| 8417 | float | RD/WR | _QLN_AVG_MAX[3] | var | Max. values of average val., Q L4 |
| 8419 | float | RD/WR | _SLN_AVG_MAX[0] | VA | Max. values of average val., S L1 |
| 8421 | float | RD/WR | _SLN_AVG_MAX[1] | VA | Max. values of average val., S L2 |
| 8423 | float | RD/WR | _SLN_AVG_MAX[2] | VA | Max. values of average val., S L3 |
| 8425 | float | RD/WR | _SLN_AVG_MAX[3] | VA | Max. values of average val., S L4 |
| 8427 | float | RD/WR | _ULL_AVG_MAX[0] | V | Max. values of average val., U L1-L2 |
| 8429 | float | RD/WR | _ULL_AVG_MAX[1] | V | Max. values of average val., U L2-L3 |
| 8431 | float | RD/WR | _ULL_AVG_MAX[2] | V | Max. values of average val., U L3-L4 |
| 8433 | float | RD/WR | _I_SUM3_AVG_MAX | A | Max. values of average val., IN=I1+I2+I3 |
| 8435 | float | RD/WR | _I_SUM_AVG_MAX | A | Max. values of average val., I1+I2+I3+I4 |
| 8437 | float | RD/WR | _S_SUM3_AVG_MAX | VA | Max. values of average val., S=S1+S2+S3 |
| 8439 | float | RD/WR | _P_SUM3_AVG_MAX | W | Max. values of average val., P=P1+P2+P3 |
| 8441 | float | RD/WR | _Q_SUM3_AVG_MAX | var | Max. values of average val., Q=Q1+Q2+Q3 |
| 8443 | float | RD/WR | _S_SUM_AVG_MAX | VA | Max. values of average val., S=S1+S2+S3 |
| 8445 | float | RD/WR | _P_SUM_AVG_MAX | W | Max. values of average val., P=P1+P2+P3 |
| 8447 | float | RD/WR | _Q_SUM_AVG_MAX | var | Max. values of average val., Q=Q1+Q2+Q3 |
| 8449 | float | RD/WR | _FREQ_AVG_MAX | Hz | Max. values of average val., frequency |
| 8451 | float | RD/WR | _N_AVG_MAX | V | Max. values of average val., zero sequence voltage |
| 8453 | float | RD/WR | _M_AVG_MAX | V | Max. values of average val., zero positiv voltage |
| 8455 | float | RD/WR | _G_AVG_MAX | V | Max. values of average val., zero negative voltage |
| 8457 | float | RD/WR | _SYM_AVG_MAX | % | Max. values of average val., unsymmetrical voltage |
| 8459 | float | RD/WR | _IN_AVG_MAX | A | Max. values of average val., zero sequence current |
| 8461 | float | RD/WR | _IM_AVG_MAX | A | Max. values of average val., zero positiv current |
| 8463 | float | RD/WR | _IG_AVG_MAX | A | Max. values of average val., zero negative current |
| 8465 | float | RD | _S0_POWER_AVG_MAX[0] | W | Max. val. of average val., input, measured value |
| 8467 | float | RD | _S0_POWER_AVG_MAX[1] | W | Max. val. of average val., input, measured value |
| 8469 | float | RD | _S0_POWER_AVG_MAX[2] | W | Max. val. of average val., input, measured value |
| 8471 | float | RD | _S0_POWER_AVG_MAX[3] | W | Max. val. of average val., input, measured value |
| 8473 | float | RD | _S0_POWER_AVG_MAX[4] | W | Max. val. of average val., input, measured value |
| 8475 | float | RD | _S0_POWER_AVG_MAX[5] | W | Max. val. of average val., input, measured value |
| 8477 | float | RD | _S0_POWER_AVG_MAX[6] | W | Max. val. of average val., input, measured value |
| 8479 | float | RD | _S0_POWER_AVG_MAX[7] | W | Max. val. of average val., input, measured value |
| 8481 | float | RD | _EXT_TEMPERATUR_AVG_MAX | °C | Max. val. of average val., internal temperature |

Maximum values of mean values, time stamp

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|---------------------------|------|---|
| 9763 | uint | RD/WR | _THD_ULN_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), THD U L1 |
| 9765 | uint | RD/WR | _THD_ULN_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), THD U L2 |
| 9767 | uint | RD/WR | _THD_ULN_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), THD U L3 |
| 9769 | uint | RD/WR | _THD_ULN_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), THD U L4 |
| 9771 | uint | RD/WR | _THD_ILN_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), THD I L1 |
| 9773 | uint | RD/WR | _THD_ILN_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), THD I L2 |
| 9775 | uint | RD/WR | _THD_ILN_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), THD I L3 |
| 9777 | uint | RD/WR | _THD_ILN_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), THD I L4 |
| 9779 | uint | RD/WR | _KFACT_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), K-Factor |
| 9781 | uint | RD/WR | _KFACT_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), K-Factor |
| 9783 | uint | RD/WR | _KFACT_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), K-Factor |
| 9785 | uint | RD/WR | _KFACT_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), K-Factor |
| 9787 | uint | RD/WR | _ULN_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), U L1-N |
| 9789 | uint | RD/WR | _ULN_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), U L2-N |
| 9791 | uint | RD/WR | _ULN_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), U L3-N |
| 9793 | uint | RD/WR | _ULN_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), U L4-N |
| 9795 | uint | RD/WR | _ILN_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), I L1 |
| 9797 | uint | RD/WR | _ILN_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), I L2 |
| 9799 | uint | RD/WR | _ILN_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), I L3 |
| 9801 | uint | RD/WR | _ILN_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), I L4 |
| 9803 | uint | RD/WR | _PLN_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), P L1 |
| 9805 | uint | RD/WR | _PLN_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), P L2 |
| 9807 | uint | RD/WR | _PLN_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), P L3 |
| 9809 | uint | RD/WR | _PLN_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), P L4 |
| 9811 | uint | RD/WR | _QLN_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), Q L1 |
| 9813 | uint | RD/WR | _QLN_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), Q L2 |
| 9815 | uint | RD/WR | _QLN_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), Q L3 |
| 9817 | uint | RD/WR | _QLN_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), Q L4 |
| 9819 | uint | RD/WR | _SLN_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), S L1 |
| 9821 | uint | RD/WR | _SLN_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), S L2 |
| 9823 | uint | RD/WR | _SLN_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), S L3 |
| 9825 | uint | RD/WR | _SLN_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), S L4 |
| 9827 | uint | RD/WR | _ULL_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), U L1-L2 |
| 9829 | uint | RD/WR | _ULL_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), U L2-L3 |
| 9831 | uint | RD/WR | _ULL_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), U L3-L4 |
| 9833 | uint | RD/WR | _I_SUM3_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), IN=I1+I2+I3 |
| 9835 | uint | RD/WR | _I_SUM_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), I1+I2+I3+I4 |
| 9837 | uint | RD/WR | _S_SUM3_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), S1+S2+S3 |
| 9839 | uint | RD/WR | _P_SUM3_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), P=P1+P2+P3 |
| 9841 | uint | RD/WR | _Q_SUM3_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), Q1+Q2+Q3 |
| 9843 | uint | RD/WR | _S_SUM_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), S1+S2+S3+S4 |
| 9845 | uint | RD/WR | _P_SUM_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), P1+P2+P3+P4 |
| 9847 | uint | RD/WR | _Q_SUM_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), Q1+Q2+Q3+Q4 |
| 9849 | uint | RD/WR | _FREQ_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), frequency |
| 9851 | uint | RD/WR | _N_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), I1+I2+I3+I4 |
| 9853 | uint | RD/WR | _M_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), zero sequence voltage |
| 9855 | uint | RD/WR | _G_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), zero positiv voltage |
| 9857 | uint | RD/WR | _SYM_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), zero negative voltage |
| 9859 | uint | RD/WR | _IN_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), zero sequence voltage |
| 9861 | uint | RD/WR | _IM_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), zero positiv voltage |
| 9863 | uint | RD/WR | _IG_AVG_MAX_T | s | Time of max. val. of aver. val.(UTC), zero negative voltage |
| 9865 | uint | RD | _S0_POWER_AVG_MAX_T[0] | s | Time of max. val. of aver. val.(UTC), input, measured value |
| 9867 | uint | RD | _S0_POWER_AVG_MAX_T[1] | s | Time of max. val. of aver. val.(UTC), input, measured value |
| 9869 | uint | RD | _S0_POWER_AVG_MAX_T[2] | s | Time of max. val. of aver. val.(UTC), input, measured value |
| 9871 | uint | RD | _S0_POWER_AVG_MAX_T[3] | s | Time of max. val. of aver. val.(UTC), input, measured value |
| 9873 | uint | RD | _S0_POWER_AVG_MAX_T[4] | s | Time of max. val. of aver. val.(UTC), input, measured value |
| 9875 | uint | RD | _S0_POWER_AVG_MAX_T[5] | s | Time of max. val. of aver. val.(UTC), input, measured value |
| 9877 | uint | RD | _S0_POWER_AVG_MAX_T[6] | s | Time of max. val. of aver. val.(UTC), input, measured value |
| 9879 | uint | RD | _S0_POWER_AVG_MAX_T[7] | s | Time of max. val. of aver. val.(UTC), input, measured value |
| 9881 | uint | RD | _EXT_TEMPERATUR_AVG_MAX_T | | Time of max. val. of aver. val.(UTC), internal temperature |

Other values

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-----------------|------|---|
| 10061 | float | RD | _SPU012 | V | Star connection voltage |
| 10063 | short | RD/WR | _DIGOUT_STAT[0] | n | Status digital output, 0=not active, 1=active |
| 10064 | short | RD/WR | _DIGOUT_STAT[1] | n | Status digital output, 0=not active, 1=active |
| 10065 | short | RD/WR | _DIGOUT_STAT[2] | n | Status digital output, 0=not active, 1=active |
| 10066 | short | RD/WR | _DIGOUT_STAT[3] | n | Status digital output, 0=not active, 1=active |
| 10067 | short | RD/WR | _DIGOUT_STAT[4] | n | Status digital output, 0=not active, 1=active |
| 10068 | short | RD | _DIGIN_STAT[0] | n | Status digital input, 0=not active, 1=active |
| 10069 | short | RD | _DIGIN_STAT[1] | n | Status digital input, 0=not active, 1=active |
| 10070 | short | RD | _DIGIN_STAT[2] | n | Status digital input, 0=not active, 1=active |
| 10071 | short | RD | _DIGIN_STAT[3] | n | Status digital input, 0=not active, 1=active |
| 10072 | short | RD | _DIGIN_STAT[4] | n | Status digital input, 0=not active, 1=active |
| 10073 | short | RD | _DIGIN_STAT[5] | n | Status digital input, 0=not active, 1=active |
| 10074 | short | RD | _DIGIN_STAT[6] | n | Status digital input, 0=not active, 1=active |
| 10075 | short | RD | _DIGIN_STAT[7] | n | Status digital input, 0=not active, 1=active |
| 10076 | uint | RD/WR | _EVT_COUNT | n | Event counter |
| 10078 | uint | RD/WR | _FLAG_COUNT | n | Flag counter |
| 10080 | uint | RD/WR | _TRANS_COUNT | n | Error counter, transients |
| 10082 | uint | RD/WR | _HWW_COUNT | n | Error counter, half-cycle effective val. |
| 10084 | uint | RD/WR | _RX232_COUNT | n | Error counter, receive RS232 |
| 10086 | uint | RD/WR | _TX232_COUNT | n | Error counter, send RS232 |
| 10088 | uint | RD/WR | _ERR232_COUNT | n | Error counter, RS232 |
| 10090 | uint | RD/WR | _RX485_COUNT | n | Error counter, receive RS485 |
| 10092 | uint | RD/WR | _TX485_COUNT | n | Error counter, send RS485 |
| 10094 | uint | RD/WR | _ERR485_COUNT | n | Error counter, RS485 |
| 10131 | float | RD/WR | _CTPRIM[0] | A | L1, L2, L3; Current transf., primary |
| 10133 | float | RD/WR | _CTPRIM[1] | A | L1, L2, L3; Current transf., primary |
| 10135 | float | RD/WR | _CTPRIM[2] | A | L1, L2, L3; Current transf., primary |
| 10137 | float | RD/WR | _CTPRIM[3] | A | L1, L2, L3; Current transf., primary |
| 10139 | float | RD/WR | _CTSEC[0] | A | L1, L2, L3; Current transf., secondary |
| 10141 | float | RD/WR | _CTSEC[1] | A | L1, L2, L3; Current transf., secondary |
| 10143 | float | RD/WR | _CTSEC[2] | A | L1, L2, L3; Current transf., secondary |
| 10145 | float | RD/WR | _CTSEC[3] | A | L1, L2, L3; Current transf., secondary |
| 10147 | float | RD/WR | _VTPRIM[0] | V | L1, L2, L3; Voltage transf., primary |
| 10149 | float | RD/WR | _VTPRIM[1] | V | L1, L2, L3; Voltage transf., primary |
| 10151 | float | RD/WR | _VTPRIM[2] | V | L1, L2, L3; Voltage transf., primary |
| 10153 | float | RD/WR | _VTPRIM[3] | V | L1, L2, L3; Voltage transf., primary |
| 10155 | float | RD/WR | _VTSEC[0] | V | L1, L2, L3; Voltage transf., secondary |
| 10157 | float | RD/WR | _VTSEC[1] | V | L1, L2, L3; Voltage transf., secondary |
| 10159 | float | RD/WR | _VTSEC[2] | V | L1, L2, L3; Voltage transf., secondary |
| 10161 | float | RD/WR | _VTSEC[3] | V | L1, L2, L3; Voltage transf., secondary |
| 10163 | float | RD/WR | _IRATED[0] | A | Nominal current transformer; L1, L2, L3 |
| 10165 | float | RD/WR | _IRATED[1] | A | Nominal current transformer; L1, L2, L3 |
| 10167 | float | RD/WR | _IRATED[2] | A | Nominal current transformer; L1, L2, L3 |
| 10169 | float | RD/WR | _IRATED[3] | A | Nominal current transformer; L1, L2, L3 |
| 10171 | string | RD/WR | _DEV_NAME | 64 | Only for internal use |
| 10281 | int | RD/WR | _MBUSADDR | | RS485, Modbus address |
| 10283 | int | RD/WR | _MODE485 | | RS485, Modbus mode |
| 10285 | int | RD/WR | _BAUD485 | | RS485, baudrate |
| 10287 | uint | RD/WR | _IP_ADDR | | Network address |
| 10289 | uint | RD/WR | _IP_MASK | | Network Mask |
| 10291 | uint | RD/WR | _IP_GATE | | Gateway address |
| 10293 | int | RD/WR | _DHCPMODE | | Bootp = 1; aus = 0; DHCP = 2 |
| 10295 | int | RD/WR | _BRIGHTNESS | | Brightness display |
| 10297 | short | RD/WR | _STBY_TIME | | Standby time |
| 10298 | short | RD/WR | _STBY_CONTRAST | | Standby contrast |
| 10299 | short | RD/WR | _SCREENSASVE | | Screensaver, 1=on, 0=off |
| 10300 | short | RD/WR | _DISP_SPEED | | Display change time |
| 10301 | short | RD/WR | _DISP_ROT | | 0=autom. display change |
| 10302 | short | RD/WR | _ROT_TIME | | Rotation time display |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-----------------|------|--|
| 10309 | int | RD/WR | _KEY1 | | Status, button 1 |
| 10311 | int | RD/WR | _KEY2 | | Status, button 2 |
| 10313 | int | RD/WR | _KEY3 | | Status, button 3 |
| 10315 | int | RD/WR | _KEY4 | | Status, button 4 |
| 10317 | int | RD/WR | _KEY5 | | Status, button 5 |
| 10319 | int | RD/WR | _KEY6 | | Status, button 6 |
| 10323 | int | RD/WR | _TIME_ZONE | s | Time zone |
| 10327 | short | RD/WR | _SDAY | | Start day of summer/winter switchover (spring) |
| 10328 | short | RD/WR | _SHOUR | h | Start hour of summer/winter switchover |
| 10329 | short | RD/WR | _SMON | | Start month of summer/winter switchover |
| 10330 | short | RD/WR | _SMIN | min | Start minute of summer/winter switchover |
| 10331 | short | RD/WR | _SDOW | | Summer/winter switchover (spring) |
| 10332 | short | RD/WR | _EDAY | | Start day of summer/winter switchover (autumn) |
| 10333 | short | RD/WR | _EHOUR | h | Start hour of summer/winter switchover |
| 10334 | short | RD/WR | _EMON | | Start month of summer/winter switchover |
| 10335 | short | RD/WR | _EMIN | min | Start minute of summer/winter switchover |
| 10336 | short | RD/WR | _EDOW | | Summer/winter switchover (autumn) |
| 10345 | float | RD/WR | _NOMINAL_U[0] | V | Nominal voltage |
| 10347 | float | RD/WR | _NOMINAL_U[1] | V | Nominal voltage |
| 10349 | float | RD/WR | _NOMINAL_U[2] | V | Nominal voltage |
| 10351 | float | RD/WR | _NOMINAL_U[3] | V | Nominal voltage |
| 10353 | float | RD/WR | _NOMINAL_I[0] | A | Nominal current |
| 10355 | float | RD/WR | _NOMINAL_I[1] | A | Nominal current |
| 10357 | float | RD/WR | _NOMINAL_I[2] | A | Nominal current |
| 10359 | float | RD/WR | _NOMINAL_I[3] | A | Nominal current |
| 10361 | float | RD/WR | _NOMINAL_F | Hz | Nominal frequency |
| 10627 | string | RD/WR | _DHCP | 32 | 1=DHCP on, 0=DHCP off |
| 10643 | string | RD/WR | _IPNO | 32 | Network address |
| 10659 | string | RD/WR | _NETMASK | 32 | Network mask |
| 10675 | string | RD/WR | _GATEWAY | 32 | Gateway |
| 11219 | string | RD/WR | _L_BRIGHTNESS | 32 | Brightness display |
| 11235 | string | RD/WR | _STANDBY | 32 | Standby time |
| 11251 | string | RD/WR | _BRIGHTNESS_LOW | 32 | Standby contrast |
| 11315 | string | RD/WR | _ROTATE_TIME | 32 | Rotation time, display |
| 12067 | string | RD/WR | _GUEST_PASSWD | 64 | Password, guest |
| 12099 | string | RD/WR | _USER_PASSWD | 64 | Password, user |
| 12131 | string | RD/WR | _ADMIN_PASSWD | 64 | Password, admin |
| 12163 | float | | _PULSWERT[0] | Wh/n | Impulswertigkeit für Eingang 1 |
| 12165 | float | | _PULSWERT[1] | Wh/n | Impulswertigkeit für Eingang 2 |
| 12167 | float | | _PULSWERT[2] | Wh/n | Impulswertigkeit für Eingang 3 |
| 12169 | float | | _PULSWERT[3] | Wh/n | Impulswertigkeit für Eingang 4 |
| 12171 | float | | _PULSWERT[4] | Wh/n | Impulswertigkeit für Eingang 5 |
| 12173 | float | | _PULSWERT[5] | Wh/n | Impulswertigkeit für Eingang 6 |
| 12175 | float | | _PULSWERT[6] | Wh/n | Impulswertigkeit für Eingang 7 |
| 12177 | float | | _PULSWERT[7] | Wh/n | Impulswertigkeit für Eingang 8 |
| 15219 | string | RD | _RELEASE | 16 | |
| 16112 | long64 | RD/WR | _RX_ETH_COUNT | | Only for internal use |
| 16116 | long64 | RD/WR | _TX_ETH_COUNT | | Only for internal use |
| 16120 | long64 | RD/WR | _ERR_ETH_COUNT | | Only for internal use |
| 16124 | long64 | RD/WR | _RX_NTP_COUNT | | Only for internal use |
| 16128 | long64 | RD/WR | _TX_NTP_COUNT | | Only for internal use |
| 16132 | long64 | RD/WR | _ERR_NTP_COUNT | | Only for internal use |
| 16136 | long64 | RD/WR | _RX_DNS_COUNT | | Only for internal use |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|---------------------------------------|
| 16140 | long64 | RD/WR | _TX_DNS_COUNT | | Only for internal use |
| 16144 | long64 | RD/WR | _ERR_DNS_COUNT | | Only for internal use |
| 16148 | long64 | RD/WR | _RX_DHCP_COUNT | | Only for internal use |
| 16152 | long64 | RD/WR | _TX_DHCP_COUNT | | Only for internal use |
| 16156 | long64 | RD/WR | _ERR_DHCP_COUNT | | Only for internal use |
| 16160 | long64 | RD/WR | _TX_EMAIL_COUNT | | Only for internal use |
| 16164 | long64 | RD/WR | _ERR_EMAIL_COUNT | | Only for internal use |
| 16170 | long64 | RD | _SYSTIMEUP | 10ms | Only for internal use |
| 17237 | short | RD/WR | _PULS_WIDTH | | Only for internal use |
| 17238 | uint | RD/WR | _MB_STATUS | | Metering range monitoring |
| 17240 | int | RD/WR | _SET_SYSTIME | sec | Time (UTC) |
| 17383 | float | RD | _PFLN[0] | | Power factor L1 |
| 17385 | float | RD | _PFLN[1] | | Power factor L2 |
| 17387 | float | RD | _PFLN[2] | | Power factor L3 |
| 17389 | float | RD | _PFLN[3] | | Power factor L4 |
| 17391 | uint | RD/WR | _RECORD_TIME | | Time of record |
| 17393 | float | RD/WR | _THRESHOLD_U | V | Voltage Threshold without Transformer |
| 17395 | float | RD/WR | _THRESHOLD_I | A | Current Threshold without Transformer |

Energy

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-------------|------|---------------------------------------|
| 9883 | short | RD/WR | _W_TARIF | | Current rate, real/apparent energy |
| 9884 | short | RD/WR | _Q_TARIF | | Current rate, reactive energy |
| 9885 | float | RD | _WH_S[0] | VAh | Apparent energy L1 |
| 9887 | float | RD | _WH_S[1] | VAh | Apparent energy L2 |
| 9889 | float | RD | _WH_S[2] | VAh | Apparent energy L3 |
| 9891 | float | RD | _WH_S[3] | VAh | Apparent energy L4 |
| 9893 | float | RD | _WH_S[4] | VAh | Apparent energy L1..L3 |
| 9895 | float | RD | _WH_S[5] | VAh | Apparent energy L1..L4 |
| 9897 | float | RD | _WH[0] | Wh | Real energy L1 |
| 9899 | float | RD | _WH[1] | Wh | Real energy L2 |
| 9901 | float | RD | _WH[2] | Wh | Real energy L3 |
| 9903 | float | RD | _WH[3] | Wh | Real energy L4 |
| 9905 | float | RD | _WH[4] | Wh | Real energy L1..L3 |
| 9907 | float | RD | _WH[5] | Wh | Real energy L1..L4 |
| 9909 | float | RD | _QH[0] | varh | Reaktive energy L1 |
| 9911 | float | RD | _QH[1] | varh | Reaktive energy L2 |
| 9913 | float | RD | _QH[2] | varh | Reaktive energy L3 |
| 9915 | float | RD | _QH[3] | varh | Reaktive energy L4 |
| 9917 | float | RD | _QH[4] | varh | Reaktive energy L1..L3 |
| 9919 | float | RD | _QH[5] | varh | Reaktive energy L1..L4 |
| 9921 | float | RD | _WH_V[0] | Wh | Real energy L1, consumed |
| 9923 | float | RD | _WH_V[1] | Wh | Real energy L2, consumed |
| 9925 | float | RD | _WH_V[2] | Wh | Real energy L3, consumed |
| 9927 | float | RD | _WH_V[3] | Wh | Real energy L4, consumed |
| 9929 | float | RD | _WH_V[4] | Wh | Real energy L1..L3, consumed |
| 9931 | float | RD | _WH_V[5] | Wh | Real energy L1..L4, consumed |
| 9933 | float | RD | _WH_Z[0] | Wh | Real energy L1, delivered |
| 9935 | float | RD | _WH_Z[1] | Wh | Real energy L2, delivered |
| 9937 | float | RD | _WH_Z[2] | Wh | Real energy L3, delivered |
| 9939 | float | RD | _WH_Z[3] | Wh | Real energy L4, delivered |
| 9941 | float | RD | _WH_Z[4] | Wh | Real energy L1..L3, delivered |
| 9943 | float | RD | _WH_Z[5] | Wh | Real energy L1..L4, delivered |
| 9945 | float | RD | _WH_V_HT[0] | Wh | Real energy L1, consumed, rate 1 |
| 9947 | float | RD | _WH_V_HT[1] | Wh | Real energy L2, consumed, rate 1 |
| 9949 | float | RD | _WH_V_HT[2] | Wh | Real energy L3, consumed, rate 1 |
| 9951 | float | RD | _WH_V_HT[3] | Wh | Real energy L4, consumed, rate 1 |
| 9953 | float | RD | _WH_V_HT[4] | Wh | Real energy L1..L3, consumed, rate 1 |
| 9955 | float | RD | _WH_V_HT[5] | Wh | Real energy L1..L4, consumed, rate 1 |
| 9957 | float | RD | _WH_V_NT[0] | Wh | Real energy L1, consumed, rate 2 |
| 9959 | float | RD | _WH_V_NT[1] | Wh | Real energy L2, consumed, rate 2 |
| 9961 | float | RD | _WH_V_NT[2] | Wh | Real energy L3, consumed, rate 2 |
| 9963 | float | RD | _WH_V_NT[3] | Wh | Real energy L4, consumed, rate 2 |
| 9965 | float | RD | _WH_V_NT[4] | Wh | Real energy L1..L3, consumed, rate 2 |
| 9967 | float | RD | _WH_V_NT[5] | Wh | Real energy L1..L4, consumed, rate 2 |
| 9969 | float | RD | _WH_Z_HT[0] | Wh | Real energy L1, delivered, rate 1 |
| 9971 | float | RD | _WH_Z_HT[1] | Wh | Real energy L2, delivered, rate 1 |
| 9973 | float | RD | _WH_Z_HT[2] | Wh | Real energy L3, delivered, rate 1 |
| 9975 | float | RD | _WH_Z_HT[3] | Wh | Real energy L4, delivered, rate 1 |
| 9977 | float | RD | _WH_Z_HT[4] | Wh | Real energy L1..L3, delivered, rate 1 |
| 9979 | float | RD | _WH_Z_HT[5] | Wh | Real energy L1..L4, delivered, rate 1 |
| 9981 | float | RD | _WH_Z_NT[0] | Wh | Real energy L1, delivered, rate 2 |
| 9983 | float | RD | _WH_Z_NT[1] | Wh | Real energy L2, delivered, rate 2 |
| 9985 | float | RD | _WH_Z_NT[2] | Wh | Real energy L3, delivered, rate 2 |
| 9987 | float | RD | _WH_Z_NT[3] | Wh | Real energy L4, delivered, rate 2 |
| 9989 | float | RD | _WH_Z_NT[4] | Wh | Real energy L1..L3, delivered, rate 2 |
| 9991 | float | RD | _WH_Z_NT[5] | Wh | Real energy L1..L4, delivered, rate 2 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|-------------|------|---|
| 9993 | float | RD | _IQH[0] | varh | Reactive energy L1, inductive |
| 9995 | float | RD | _IQH[1] | varh | Reactive energy L2, inductive |
| 9997 | float | RD | _IQH[2] | varh | Reactive energy L3, inductive |
| 9999 | float | RD | _IQH[3] | varh | Reactive energy L4, inductive |
| 10001 | float | RD | _IQH[4] | varh | Reactive energy L1..L3, inductive |
| 10003 | float | RD | _IQH[5] | varh | Reactive energy L1..L4, inductive |
| 10005 | float | RD | _CQH[0] | varh | Reactive energy L1, capacitive |
| 10007 | float | RD | _CQH[1] | varh | Reactive energy L2, capacitive |
| 10009 | float | RD | _CQH[2] | varh | Reactive energy L3, capacitive |
| 10011 | float | RD | _CQH[3] | varh | Reactive energy L4, capacitive |
| 10013 | float | RD | _CQH[4] | varh | Reactive energy L1..L3, capacitive |
| 10015 | float | RD | _CQH[5] | varh | Reactive energy L1..L4, capacitive |
| 10017 | float | RD | _IQH_HT[0] | varh | Reactive energy L1, inductive, rate 1 |
| 10019 | float | RD | _IQH_HT[1] | varh | Reactive energy L2, inductive, rate 1 |
| 10021 | float | RD | _IQH_HT[2] | varh | Reactive energy L3, inductive, rate 1 |
| 10023 | float | RD | _IQH_HT[3] | varh | Reactive energy L4, inductive, rate 1 |
| 10025 | float | RD | _IQH_HT[4] | varh | Reactive energy L1..L3, inductive, rate 1 |
| 10027 | float | RD | _IQH_HT[5] | varh | Reactive energy L1..L4, inductive, rate 1 |
| 10029 | float | RD | _IQH_NT[0] | varh | Reactive energy L1, inductive, rate 2 |
| 10031 | float | RD | _IQH_NT[1] | varh | Reactive energy L2, inductive, rate 2 |
| 10033 | float | RD | _IQH_NT[2] | varh | Reactive energy L3, inductive, rate 2 |
| 10035 | float | RD | _IQH_NT[3] | varh | Reactive energy L4, inductive, rate 2 |
| 10037 | float | RD | _IQH_NT[4] | varh | Reactive energy L1..L3, inductive, rate 2 |
| 10039 | float | RD | _IQH_NT[5] | varh | Reactive energy L1..L4, inductive, rate 2 |
| 10041 | float | RD | _S0_CNT[0] | n | Energy meter (counter, not scaled), impulse input 1 |
| 10043 | float | RD | _S0_CNT[1] | n | Energy meter (counter, not scaled), impulse input 2 |
| 10045 | float | RD | _S0_CNT[2] | n | Energy meter (counter, not scaled), impulse input 3 |
| 10047 | float | RD | _S0_CNT[3] | n | Energy meter (counter, not scaled), impulse input 4 |
| 10049 | float | RD | _S0_CNT[4] | n | Energy meter (counter, not scaled), impulse input 5 |
| 10051 | float | RD | _S0_CNT[5] | n | Energy meter (counter, not scaled), impulse input 6 |
| 10053 | float | RD | _S0_CNT[6] | n | Energy meter (counter, not scaled), impulse input 7 |
| 10055 | float | RD | _S0_CNT[7] | n | Energy meter (counter, not scaled), impulse input 8 |
| 10057 | float | RD | _TIME_WH | s | Runtime of real and apparent energy meas. |
| 10059 | float | RD | _TIME_QH | s | Runtime of real and reactive energy meas. |
| 10096 | short | RD/WR | _DEL_WH | | 1=delets all real energy counters |
| 10097 | short | RD/WR | _DEL_QH | | 1=delets all reactive energy counters |

Fourier analysis

Measured values, fourier analysis

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 13 | float | RD | _FFT_UL1[0] | V | Harmonic U L1 |
| 15 | float | RD | _FFT_UL1[1] | V | Harmonic U L1 |
| 17 | float | RD | _FFT_UL1[2] | V | Harmonic U L1 |
| 19 | float | RD | _FFT_UL1[3] | V | Harmonic U L1 |
| 21 | float | RD | _FFT_UL1[4] | V | Harmonic U L1 |
| 23 | float | RD | _FFT_UL1[5] | V | Harmonic U L1 |
| 25 | float | RD | _FFT_UL1[6] | V | Harmonic U L1 |
| 27 | float | RD | _FFT_UL1[7] | V | Harmonic U L1 |
| 29 | float | RD | _FFT_UL1[8] | V | Harmonic U L1 |
| 31 | float | RD | _FFT_UL1[9] | V | Harmonic U L1 |
| 33 | float | RD | _FFT_UL1[10] | V | Harmonic U L1 |
| 35 | float | RD | _FFT_UL1[11] | V | Harmonic U L1 |
| 37 | float | RD | _FFT_UL1[12] | V | Harmonic U L1 |
| 39 | float | RD | _FFT_UL1[13] | V | Harmonic U L1 |
| 41 | float | RD | _FFT_UL1[14] | V | Harmonic U L1 |
| 43 | float | RD | _FFT_UL1[15] | V | Harmonic U L1 |
| 45 | float | RD | _FFT_UL1[16] | V | Harmonic U L1 |
| 47 | float | RD | _FFT_UL1[17] | V | Harmonic U L1 |
| 49 | float | RD | _FFT_UL1[18] | V | Harmonic U L1 |
| 51 | float | RD | _FFT_UL1[19] | V | Harmonic U L1 |
| 53 | float | RD | _FFT_UL1[20] | V | Harmonic U L1 |
| 55 | float | RD | _FFT_UL1[21] | V | Harmonic U L1 |
| 57 | float | RD | _FFT_UL1[22] | V | Harmonic U L1 |
| 59 | float | RD | _FFT_UL1[23] | V | Harmonic U L1 |
| 61 | float | RD | _FFT_UL1[24] | V | Harmonic U L1 |
| 63 | float | RD | _FFT_UL1[25] | V | Harmonic U L1 |
| 65 | float | RD | _FFT_UL1[26] | V | Harmonic U L1 |
| 67 | float | RD | _FFT_UL1[27] | V | Harmonic U L1 |
| 69 | float | RD | _FFT_UL1[28] | V | Harmonic U L1 |
| 71 | float | RD | _FFT_UL1[29] | V | Harmonic U L1 |
| 73 | float | RD | _FFT_UL1[30] | V | Harmonic U L1 |
| 75 | float | RD | _FFT_UL1[31] | V | Harmonic U L1 |
| 77 | float | RD | _FFT_UL1[32] | V | Harmonic U L1 |
| 79 | float | RD | _FFT_UL1[33] | V | Harmonic U L1 |
| 81 | float | RD | _FFT_UL1[34] | V | Harmonic U L1 |
| 83 | float | RD | _FFT_UL1[35] | V | Harmonic U L1 |
| 85 | float | RD | _FFT_UL1[36] | V | Harmonic U L1 |
| 87 | float | RD | _FFT_UL1[37] | V | Harmonic U L1 |
| 89 | float | RD | _FFT_UL1[38] | V | Harmonic U L1 |
| 91 | float | RD | _FFT_UL1[39] | V | Harmonic U L1 |
| 93 | float | RD | _FFT_UL2[0] | V | Harmonic U L2 |
| 95 | float | RD | _FFT_UL2[1] | V | Harmonic U L2 |
| 97 | float | RD | _FFT_UL2[2] | V | Harmonic U L2 |
| 99 | float | RD | _FFT_UL2[3] | V | Harmonic U L2 |
| 101 | float | RD | _FFT_UL2[4] | V | Harmonic U L2 |
| 103 | float | RD | _FFT_UL2[5] | V | Harmonic U L2 |
| 105 | float | RD | _FFT_UL2[6] | V | Harmonic U L2 |
| 107 | float | RD | _FFT_UL2[7] | V | Harmonic U L2 |
| 109 | float | RD | _FFT_UL2[8] | V | Harmonic U L2 |
| 111 | float | RD | _FFT_UL2[9] | V | Harmonic U L2 |
| 113 | float | RD | _FFT_UL2[10] | V | Harmonic U L2 |
| 115 | float | RD | _FFT_UL2[11] | V | Harmonic U L2 |
| 117 | float | RD | _FFT_UL2[12] | V | Harmonic U L2 |
| 119 | float | RD | _FFT_UL2[13] | V | Harmonic U L2 |
| 121 | float | RD | _FFT_UL2[14] | V | Harmonic U L2 |
| 123 | float | RD | _FFT_UL2[15] | V | Harmonic U L2 |
| 125 | float | RD | _FFT_UL2[16] | V | Harmonic U L2 |
| 127 | float | RD | _FFT_UL2[17] | V | Harmonic U L2 |
| 129 | float | RD | _FFT_UL2[18] | V | Harmonic U L2 |
| 131 | float | RD | _FFT_UL2[19] | V | Harmonic U L2 |
| 133 | float | RD | _FFT_UL2[20] | V | Harmonic U L2 |
| 135 | float | RD | _FFT_UL2[21] | V | Harmonic U L2 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 137 | float | RD | _FFT_UL2[22] | V | Harmonic U L2 |
| 139 | float | RD | _FFT_UL2[23] | V | Harmonic U L2 |
| 141 | float | RD | _FFT_UL2[24] | V | Harmonic U L2 |
| 143 | float | RD | _FFT_UL2[25] | V | Harmonic U L2 |
| 145 | float | RD | _FFT_UL2[26] | V | Harmonic U L2 |
| 147 | float | RD | _FFT_UL2[27] | V | Harmonic U L2 |
| 149 | float | RD | _FFT_UL2[28] | V | Harmonic U L2 |
| 151 | float | RD | _FFT_UL2[29] | V | Harmonic U L2 |
| 153 | float | RD | _FFT_UL2[30] | V | Harmonic U L2 |
| 155 | float | RD | _FFT_UL2[31] | V | Harmonic U L2 |
| 157 | float | RD | _FFT_UL2[32] | V | Harmonic U L2 |
| 159 | float | RD | _FFT_UL2[33] | V | Harmonic U L2 |
| 161 | float | RD | _FFT_UL2[34] | V | Harmonic U L2 |
| 163 | float | RD | _FFT_UL2[35] | V | Harmonic U L2 |
| 165 | float | RD | _FFT_UL2[36] | V | Harmonic U L2 |
| 167 | float | RD | _FFT_UL2[37] | V | Harmonic U L2 |
| 169 | float | RD | _FFT_UL2[38] | V | Harmonic U L2 |
| 171 | float | RD | _FFT_UL2[39] | V | Harmonic U L2 |
| 173 | float | RD | _FFT_UL3[0] | V | Harmonic U L3 |
| 175 | float | RD | _FFT_UL3[1] | V | Harmonic U L3 |
| 177 | float | RD | _FFT_UL3[2] | V | Harmonic U L3 |
| 179 | float | RD | _FFT_UL3[3] | V | Harmonic U L3 |
| 181 | float | RD | _FFT_UL3[4] | V | Harmonic U L3 |
| 183 | float | RD | _FFT_UL3[5] | V | Harmonic U L3 |
| 185 | float | RD | _FFT_UL3[6] | V | Harmonic U L3 |
| 187 | float | RD | _FFT_UL3[7] | V | Harmonic U L3 |
| 189 | float | RD | _FFT_UL3[8] | V | Harmonic U L3 |
| 191 | float | RD | _FFT_UL3[9] | V | Harmonic U L3 |
| 193 | float | RD | _FFT_UL3[10] | V | Harmonic U L3 |
| 195 | float | RD | _FFT_UL3[11] | V | Harmonic U L3 |
| 197 | float | RD | _FFT_UL3[12] | V | Harmonic U L3 |
| 199 | float | RD | _FFT_UL3[13] | V | Harmonic U L3 |
| 201 | float | RD | _FFT_UL3[14] | V | Harmonic U L3 |
| 203 | float | RD | _FFT_UL3[15] | V | Harmonic U L3 |
| 205 | float | RD | _FFT_UL3[16] | V | Harmonic U L3 |
| 207 | float | RD | _FFT_UL3[17] | V | Harmonic U L3 |
| 209 | float | RD | _FFT_UL3[18] | V | Harmonic U L3 |
| 211 | float | RD | _FFT_UL3[19] | V | Harmonic U L3 |
| 213 | float | RD | _FFT_UL3[20] | V | Harmonic U L3 |
| 215 | float | RD | _FFT_UL3[21] | V | Harmonic U L3 |
| 217 | float | RD | _FFT_UL3[22] | V | Harmonic U L3 |
| 219 | float | RD | _FFT_UL3[23] | V | Harmonic U L3 |
| 221 | float | RD | _FFT_UL3[24] | V | Harmonic U L3 |
| 223 | float | RD | _FFT_UL3[25] | V | Harmonic U L3 |
| 225 | float | RD | _FFT_UL3[26] | V | Harmonic U L3 |
| 227 | float | RD | _FFT_UL3[27] | V | Harmonic U L3 |
| 229 | float | RD | _FFT_UL3[28] | V | Harmonic U L3 |
| 231 | float | RD | _FFT_UL3[29] | V | Harmonic U L3 |
| 233 | float | RD | _FFT_UL3[30] | V | Harmonic U L3 |
| 235 | float | RD | _FFT_UL3[31] | V | Harmonic U L3 |
| 237 | float | RD | _FFT_UL3[32] | V | Harmonic U L3 |
| 239 | float | RD | _FFT_UL3[33] | V | Harmonic U L3 |
| 241 | float | RD | _FFT_UL3[34] | V | Harmonic U L3 |
| 243 | float | RD | _FFT_UL3[35] | V | Harmonic U L3 |
| 245 | float | RD | _FFT_UL3[36] | V | Harmonic U L3 |
| 247 | float | RD | _FFT_UL3[37] | V | Harmonic U L3 |
| 249 | float | RD | _FFT_UL3[38] | V | Harmonic U L3 |
| 251 | float | RD | _FFT_UL3[39] | V | Harmonic U L3 |
| 253 | float | RD | _FFT_UL4[0] | V | Harmonic U L4 |
| 255 | float | RD | _FFT_UL4[1] | V | Harmonic U L4 |
| 257 | float | RD | _FFT_UL4[2] | V | Harmonic U L4 |
| 259 | float | RD | _FFT_UL4[3] | V | Harmonic U L4 |
| 261 | float | RD | _FFT_UL4[4] | V | Harmonic U L4 |
| 263 | float | RD | _FFT_UL4[5] | V | Harmonic U L4 |
| 265 | float | RD | _FFT_UL4[6] | V | Harmonic U L4 |
| 267 | float | RD | _FFT_UL4[7] | V | Harmonic U L4 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 269 | float | RD | _FFT_UL4[8] | V | Harmonic U L4 |
| 271 | float | RD | _FFT_UL4[9] | V | Harmonic U L4 |
| 273 | float | RD | _FFT_UL4[10] | V | Harmonic U L4 |
| 275 | float | RD | _FFT_UL4[11] | V | Harmonic U L4 |
| 277 | float | RD | _FFT_UL4[12] | V | Harmonic U L4 |
| 279 | float | RD | _FFT_UL4[13] | V | Harmonic U L4 |
| 281 | float | RD | _FFT_UL4[14] | V | Harmonic U L4 |
| 283 | float | RD | _FFT_UL4[15] | V | Harmonic U L4 |
| 285 | float | RD | _FFT_UL4[16] | V | Harmonic U L4 |
| 287 | float | RD | _FFT_UL4[17] | V | Harmonic U L4 |
| 289 | float | RD | _FFT_UL4[18] | V | Harmonic U L4 |
| 291 | float | RD | _FFT_UL4[19] | V | Harmonic U L4 |
| 293 | float | RD | _FFT_UL4[20] | V | Harmonic U L4 |
| 295 | float | RD | _FFT_UL4[21] | V | Harmonic U L4 |
| 297 | float | RD | _FFT_UL4[22] | V | Harmonic U L4 |
| 299 | float | RD | _FFT_UL4[23] | V | Harmonic U L4 |
| 301 | float | RD | _FFT_UL4[24] | V | Harmonic U L4 |
| 303 | float | RD | _FFT_UL4[25] | V | Harmonic U L4 |
| 305 | float | RD | _FFT_UL4[26] | V | Harmonic U L4 |
| 307 | float | RD | _FFT_UL4[27] | V | Harmonic U L4 |
| 309 | float | RD | _FFT_UL4[28] | V | Harmonic U L4 |
| 311 | float | RD | _FFT_UL4[29] | V | Harmonic U L4 |
| 313 | float | RD | _FFT_UL4[30] | V | Harmonic U L4 |
| 315 | float | RD | _FFT_UL4[31] | V | Harmonic U L4 |
| 317 | float | RD | _FFT_UL4[32] | V | Harmonic U L4 |
| 319 | float | RD | _FFT_UL4[33] | V | Harmonic U L4 |
| 321 | float | RD | _FFT_UL4[34] | V | Harmonic U L4 |
| 323 | float | RD | _FFT_UL4[35] | V | Harmonic U L4 |
| 325 | float | RD | _FFT_UL4[36] | V | Harmonic U L4 |
| 327 | float | RD | _FFT_UL4[37] | V | Harmonic U L4 |
| 329 | float | RD | _FFT_UL4[38] | V | Harmonic U L4 |
| 331 | float | RD | _FFT_UL4[39] | V | Harmonic U L4 |
| 333 | float | RD | _FFT_IL1[0] | A | Harmonic I L1 |
| 335 | float | RD | _FFT_IL1[1] | A | Harmonic I L1 |
| 337 | float | RD | _FFT_IL1[2] | A | Harmonic I L1 |
| 339 | float | RD | _FFT_IL1[3] | A | Harmonic I L1 |
| 341 | float | RD | _FFT_IL1[4] | A | Harmonic I L1 |
| 343 | float | RD | _FFT_IL1[5] | A | Harmonic I L1 |
| 345 | float | RD | _FFT_IL1[6] | A | Harmonic I L1 |
| 347 | float | RD | _FFT_IL1[7] | A | Harmonic I L1 |
| 349 | float | RD | _FFT_IL1[8] | A | Harmonic I L1 |
| 351 | float | RD | _FFT_IL1[9] | A | Harmonic I L1 |
| 353 | float | RD | _FFT_IL1[10] | A | Harmonic I L1 |
| 355 | float | RD | _FFT_IL1[11] | A | Harmonic I L1 |
| 357 | float | RD | _FFT_IL1[12] | A | Harmonic I L1 |
| 359 | float | RD | _FFT_IL1[13] | A | Harmonic I L1 |
| 361 | float | RD | _FFT_IL1[14] | A | Harmonic I L1 |
| 363 | float | RD | _FFT_IL1[15] | A | Harmonic I L1 |
| 365 | float | RD | _FFT_IL1[16] | A | Harmonic I L1 |
| 367 | float | RD | _FFT_IL1[17] | A | Harmonic I L1 |
| 369 | float | RD | _FFT_IL1[18] | A | Harmonic I L1 |
| 371 | float | RD | _FFT_IL1[19] | A | Harmonic I L1 |
| 373 | float | RD | _FFT_IL1[20] | A | Harmonic I L1 |
| 375 | float | RD | _FFT_IL1[21] | A | Harmonic I L1 |
| 377 | float | RD | _FFT_IL1[22] | A | Harmonic I L1 |
| 379 | float | RD | _FFT_IL1[23] | A | Harmonic I L1 |
| 381 | float | RD | _FFT_IL1[24] | A | Harmonic I L1 |
| 383 | float | RD | _FFT_IL1[25] | A | Harmonic I L1 |
| 385 | float | RD | _FFT_IL1[26] | A | Harmonic I L1 |
| 387 | float | RD | _FFT_IL1[27] | A | Harmonic I L1 |
| 389 | float | RD | _FFT_IL1[28] | A | Harmonic I L1 |
| 391 | float | RD | _FFT_IL1[29] | A | Harmonic I L1 |
| 393 | float | RD | _FFT_IL1[30] | A | Harmonic I L1 |
| 395 | float | RD | _FFT_IL1[31] | A | Harmonic I L1 |
| 397 | float | RD | _FFT_IL1[32] | A | Harmonic I L1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 399 | float | RD | _FFT_IL1[33] | A | Harmonic I L1 |
| 401 | float | RD | _FFT_IL1[34] | A | Harmonic I L1 |
| 403 | float | RD | _FFT_IL1[35] | A | Harmonic I L1 |
| 405 | float | RD | _FFT_IL1[36] | A | Harmonic I L1 |
| 407 | float | RD | _FFT_IL1[37] | A | Harmonic I L1 |
| 409 | float | RD | _FFT_IL1[38] | A | Harmonic I L1 |
| 411 | float | RD | _FFT_IL1[39] | A | Harmonic I L1 |
| 413 | float | RD | _FFT_IL2[0] | A | Harmonic I L2 |
| 415 | float | RD | _FFT_IL2[1] | A | Harmonic I L2 |
| 417 | float | RD | _FFT_IL2[2] | A | Harmonic I L2 |
| 419 | float | RD | _FFT_IL2[3] | A | Harmonic I L2 |
| 421 | float | RD | _FFT_IL2[4] | A | Harmonic I L2 |
| 423 | float | RD | _FFT_IL2[5] | A | Harmonic I L2 |
| 425 | float | RD | _FFT_IL2[6] | A | Harmonic I L2 |
| 427 | float | RD | _FFT_IL2[7] | A | Harmonic I L2 |
| 429 | float | RD | _FFT_IL2[8] | A | Harmonic I L2 |
| 431 | float | RD | _FFT_IL2[9] | A | Harmonic I L2 |
| 433 | float | RD | _FFT_IL2[10] | A | Harmonic I L2 |
| 435 | float | RD | _FFT_IL2[11] | A | Harmonic I L2 |
| 437 | float | RD | _FFT_IL2[12] | A | Harmonic I L2 |
| 439 | float | RD | _FFT_IL2[13] | A | Harmonic I L2 |
| 441 | float | RD | _FFT_IL2[14] | A | Harmonic I L2 |
| 443 | float | RD | _FFT_IL2[15] | A | Harmonic I L2 |
| 445 | float | RD | _FFT_IL2[16] | A | Harmonic I L2 |
| 447 | float | RD | _FFT_IL2[17] | A | Harmonic I L2 |
| 449 | float | RD | _FFT_IL2[18] | A | Harmonic I L2 |
| 451 | float | RD | _FFT_IL2[19] | A | Harmonic I L2 |
| 453 | float | RD | _FFT_IL2[20] | A | Harmonic I L2 |
| 455 | float | RD | _FFT_IL2[21] | A | Harmonic I L2 |
| 457 | float | RD | _FFT_IL2[22] | A | Harmonic I L2 |
| 459 | float | RD | _FFT_IL2[23] | A | Harmonic I L2 |
| 461 | float | RD | _FFT_IL2[24] | A | Harmonic I L2 |
| 463 | float | RD | _FFT_IL2[25] | A | Harmonic I L2 |
| 465 | float | RD | _FFT_IL2[26] | A | Harmonic I L2 |
| 467 | float | RD | _FFT_IL2[27] | A | Harmonic I L2 |
| 469 | float | RD | _FFT_IL2[28] | A | Harmonic I L2 |
| 471 | float | RD | _FFT_IL2[29] | A | Harmonic I L2 |
| 473 | float | RD | _FFT_IL2[30] | A | Harmonic I L2 |
| 475 | float | RD | _FFT_IL2[31] | A | Harmonic I L2 |
| 477 | float | RD | _FFT_IL2[32] | A | Harmonic I L2 |
| 479 | float | RD | _FFT_IL2[33] | A | Harmonic I L2 |
| 481 | float | RD | _FFT_IL2[34] | A | Harmonic I L2 |
| 483 | float | RD | _FFT_IL2[35] | A | Harmonic I L2 |
| 485 | float | RD | _FFT_IL2[36] | A | Harmonic I L2 |
| 487 | float | RD | _FFT_IL2[37] | A | Harmonic I L2 |
| 489 | float | RD | _FFT_IL2[38] | A | Harmonic I L2 |
| 491 | float | RD | _FFT_IL2[39] | A | Harmonic I L2 |
| 493 | float | RD | _FFT_IL3[0] | A | Harmonic I L3 |
| 495 | float | RD | _FFT_IL3[1] | A | Harmonic I L3 |
| 497 | float | RD | _FFT_IL3[2] | A | Harmonic I L3 |
| 499 | float | RD | _FFT_IL3[3] | A | Harmonic I L3 |
| 501 | float | RD | _FFT_IL3[4] | A | Harmonic I L3 |
| 503 | float | RD | _FFT_IL3[5] | A | Harmonic I L3 |
| 505 | float | RD | _FFT_IL3[6] | A | Harmonic I L3 |
| 507 | float | RD | _FFT_IL3[7] | A | Harmonic I L3 |
| 509 | float | RD | _FFT_IL3[8] | A | Harmonic I L3 |
| 511 | float | RD | _FFT_IL3[9] | A | Harmonic I L3 |
| 513 | float | RD | _FFT_IL3[10] | A | Harmonic I L3 |
| 515 | float | RD | _FFT_IL3[11] | A | Harmonic I L3 |
| 517 | float | RD | _FFT_IL3[12] | A | Harmonic I L3 |
| 519 | float | RD | _FFT_IL3[13] | A | Harmonic I L3 |
| 521 | float | RD | _FFT_IL3[14] | A | Harmonic I L3 |
| 523 | float | RD | _FFT_IL3[15] | A | Harmonic I L3 |
| 525 | float | RD | _FFT_IL3[16] | A | Harmonic I L3 |
| 527 | float | RD | _FFT_IL3[17] | A | Harmonic I L3 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 529 | float | RD | _FFT_IL3[18] | A | Harmonic I L3 |
| 531 | float | RD | _FFT_IL3[19] | A | Harmonic I L3 |
| 533 | float | RD | _FFT_IL3[20] | A | Harmonic I L3 |
| 535 | float | RD | _FFT_IL3[21] | A | Harmonic I L3 |
| 537 | float | RD | _FFT_IL3[22] | A | Harmonic I L3 |
| 539 | float | RD | _FFT_IL3[23] | A | Harmonic I L3 |
| 541 | float | RD | _FFT_IL3[24] | A | Harmonic I L3 |
| 543 | float | RD | _FFT_IL3[25] | A | Harmonic I L3 |
| 545 | float | RD | _FFT_IL3[26] | A | Harmonic I L3 |
| 547 | float | RD | _FFT_IL3[27] | A | Harmonic I L3 |
| 549 | float | RD | _FFT_IL3[28] | A | Harmonic I L3 |
| 551 | float | RD | _FFT_IL3[29] | A | Harmonic I L3 |
| 553 | float | RD | _FFT_IL3[30] | A | Harmonic I L3 |
| 555 | float | RD | _FFT_IL3[31] | A | Harmonic I L3 |
| 557 | float | RD | _FFT_IL3[32] | A | Harmonic I L3 |
| 559 | float | RD | _FFT_IL3[33] | A | Harmonic I L3 |
| 561 | float | RD | _FFT_IL3[34] | A | Harmonic I L3 |
| 563 | float | RD | _FFT_IL3[35] | A | Harmonic I L3 |
| 565 | float | RD | _FFT_IL3[36] | A | Harmonic I L3 |
| 567 | float | RD | _FFT_IL3[37] | A | Harmonic I L3 |
| 569 | float | RD | _FFT_IL3[38] | A | Harmonic I L3 |
| 571 | float | RD | _FFT_IL3[39] | A | Harmonic I L3 |
| 573 | float | RD | _FFT_IL4[0] | A | Harmonic I L4 |
| 575 | float | RD | _FFT_IL4[1] | A | Harmonic I L4 |
| 577 | float | RD | _FFT_IL4[2] | A | Harmonic I L4 |
| 579 | float | RD | _FFT_IL4[3] | A | Harmonic I L4 |
| 581 | float | RD | _FFT_IL4[4] | A | Harmonic I L4 |
| 583 | float | RD | _FFT_IL4[5] | A | Harmonic I L4 |
| 585 | float | RD | _FFT_IL4[6] | A | Harmonic I L4 |
| 587 | float | RD | _FFT_IL4[7] | A | Harmonic I L4 |
| 589 | float | RD | _FFT_IL4[8] | A | Harmonic I L4 |
| 591 | float | RD | _FFT_IL4[9] | A | Harmonic I L4 |
| 593 | float | RD | _FFT_IL4[10] | A | Harmonic I L4 |
| 595 | float | RD | _FFT_IL4[11] | A | Harmonic I L4 |
| 597 | float | RD | _FFT_IL4[12] | A | Harmonic I L4 |
| 599 | float | RD | _FFT_IL4[13] | A | Harmonic I L4 |
| 601 | float | RD | _FFT_IL4[14] | A | Harmonic I L4 |
| 603 | float | RD | _FFT_IL4[15] | A | Harmonic I L4 |
| 605 | float | RD | _FFT_IL4[16] | A | Harmonic I L4 |
| 607 | float | RD | _FFT_IL4[17] | A | Harmonic I L4 |
| 609 | float | RD | _FFT_IL4[18] | A | Harmonic I L4 |
| 611 | float | RD | _FFT_IL4[19] | A | Harmonic I L4 |
| 613 | float | RD | _FFT_IL4[20] | A | Harmonic I L4 |
| 615 | float | RD | _FFT_IL4[21] | A | Harmonic I L4 |
| 617 | float | RD | _FFT_IL4[22] | A | Harmonic I L4 |
| 619 | float | RD | _FFT_IL4[23] | A | Harmonic I L4 |
| 621 | float | RD | _FFT_IL4[24] | A | Harmonic I L4 |
| 623 | float | RD | _FFT_IL4[25] | A | Harmonic I L4 |
| 625 | float | RD | _FFT_IL4[26] | A | Harmonic I L4 |
| 627 | float | RD | _FFT_IL4[27] | A | Harmonic I L4 |
| 629 | float | RD | _FFT_IL4[28] | A | Harmonic I L4 |
| 631 | float | RD | _FFT_IL4[29] | A | Harmonic I L4 |
| 633 | float | RD | _FFT_IL4[30] | A | Harmonic I L4 |
| 635 | float | RD | _FFT_IL4[31] | A | Harmonic I L4 |
| 637 | float | RD | _FFT_IL4[32] | A | Harmonic I L4 |
| 639 | float | RD | _FFT_IL4[33] | A | Harmonic I L4 |
| 641 | float | RD | _FFT_IL4[34] | A | Harmonic I L4 |
| 643 | float | RD | _FFT_IL4[35] | A | Harmonic I L4 |
| 645 | float | RD | _FFT_IL4[36] | A | Harmonic I L4 |
| 647 | float | RD | _FFT_IL4[37] | A | Harmonic I L4 |
| 649 | float | RD | _FFT_IL4[38] | A | Harmonic I L4 |
| 651 | float | RD | _FFT_IL4[39] | A | Harmonic I L4 |
| 653 | float | RD | _FFT_PL1[0] | W | Harmonic P L1 |
| 655 | float | RD | _FFT_PL1[1] | W | Harmonic P L1 |
| 657 | float | RD | _FFT_PL1[2] | W | Harmonic P L1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 659 | float | RD | _FFT_PL1[3] | W | Harmonic P L1 |
| 661 | float | RD | _FFT_PL1[4] | W | Harmonic P L1 |
| 663 | float | RD | _FFT_PL1[5] | W | Harmonic P L1 |
| 665 | float | RD | _FFT_PL1[6] | W | Harmonic P L1 |
| 667 | float | RD | _FFT_PL1[7] | W | Harmonic P L1 |
| 669 | float | RD | _FFT_PL1[8] | W | Harmonic P L1 |
| 671 | float | RD | _FFT_PL1[9] | W | Harmonic P L1 |
| 673 | float | RD | _FFT_PL1[10] | W | Harmonic P L1 |
| 675 | float | RD | _FFT_PL1[11] | W | Harmonic P L1 |
| 677 | float | RD | _FFT_PL1[12] | W | Harmonic P L1 |
| 679 | float | RD | _FFT_PL1[13] | W | Harmonic P L1 |
| 681 | float | RD | _FFT_PL1[14] | W | Harmonic P L1 |
| 683 | float | RD | _FFT_PL1[15] | W | Harmonic P L1 |
| 685 | float | RD | _FFT_PL1[16] | W | Harmonic P L1 |
| 687 | float | RD | _FFT_PL1[17] | W | Harmonic P L1 |
| 689 | float | RD | _FFT_PL1[18] | W | Harmonic P L1 |
| 691 | float | RD | _FFT_PL1[19] | W | Harmonic P L1 |
| 693 | float | RD | _FFT_PL1[20] | W | Harmonic P L1 |
| 695 | float | RD | _FFT_PL1[21] | W | Harmonic P L1 |
| 697 | float | RD | _FFT_PL1[22] | W | Harmonic P L1 |
| 699 | float | RD | _FFT_PL1[23] | W | Harmonic P L1 |
| 701 | float | RD | _FFT_PL1[24] | W | Harmonic P L1 |
| 703 | float | RD | _FFT_PL1[25] | W | Harmonic P L1 |
| 705 | float | RD | _FFT_PL1[26] | W | Harmonic P L1 |
| 707 | float | RD | _FFT_PL1[27] | W | Harmonic P L1 |
| 709 | float | RD | _FFT_PL1[28] | W | Harmonic P L1 |
| 711 | float | RD | _FFT_PL1[29] | W | Harmonic P L1 |
| 713 | float | RD | _FFT_PL1[30] | W | Harmonic P L1 |
| 715 | float | RD | _FFT_PL1[31] | W | Harmonic P L1 |
| 717 | float | RD | _FFT_PL1[32] | W | Harmonic P L1 |
| 719 | float | RD | _FFT_PL1[33] | W | Harmonic P L1 |
| 721 | float | RD | _FFT_PL1[34] | W | Harmonic P L1 |
| 723 | float | RD | _FFT_PL1[35] | W | Harmonic P L1 |
| 725 | float | RD | _FFT_PL1[36] | W | Harmonic P L1 |
| 727 | float | RD | _FFT_PL1[37] | W | Harmonic P L1 |
| 729 | float | RD | _FFT_PL1[38] | W | Harmonic P L1 |
| 731 | float | RD | _FFT_PL1[39] | W | Harmonic P L1 |
| 733 | float | RD | _FFT_PL2[0] | W | Harmonic P L2 |
| 735 | float | RD | _FFT_PL2[1] | W | Harmonic P L2 |
| 737 | float | RD | _FFT_PL2[2] | W | Harmonic P L2 |
| 739 | float | RD | _FFT_PL2[3] | W | Harmonic P L2 |
| 741 | float | RD | _FFT_PL2[4] | W | Harmonic P L2 |
| 743 | float | RD | _FFT_PL2[5] | W | Harmonic P L2 |
| 745 | float | RD | _FFT_PL2[6] | W | Harmonic P L2 |
| 747 | float | RD | _FFT_PL2[7] | W | Harmonic P L2 |
| 749 | float | RD | _FFT_PL2[8] | W | Harmonic P L2 |
| 751 | float | RD | _FFT_PL2[9] | W | Harmonic P L2 |
| 753 | float | RD | _FFT_PL2[10] | W | Harmonic P L2 |
| 755 | float | RD | _FFT_PL2[11] | W | Harmonic P L2 |
| 757 | float | RD | _FFT_PL2[12] | W | Harmonic P L2 |
| 759 | float | RD | _FFT_PL2[13] | W | Harmonic P L2 |
| 761 | float | RD | _FFT_PL2[14] | W | Harmonic P L2 |
| 763 | float | RD | _FFT_PL2[15] | W | Harmonic P L2 |
| 765 | float | RD | _FFT_PL2[16] | W | Harmonic P L2 |
| 767 | float | RD | _FFT_PL2[17] | W | Harmonic P L2 |
| 769 | float | RD | _FFT_PL2[18] | W | Harmonic P L2 |
| 771 | float | RD | _FFT_PL2[19] | W | Harmonic P L2 |
| 773 | float | RD | _FFT_PL2[20] | W | Harmonic P L2 |
| 775 | float | RD | _FFT_PL2[21] | W | Harmonic P L2 |
| 777 | float | RD | _FFT_PL2[22] | W | Harmonic P L2 |
| 779 | float | RD | _FFT_PL2[23] | W | Harmonic P L2 |
| 781 | float | RD | _FFT_PL2[24] | W | Harmonic P L2 |
| 783 | float | RD | _FFT_PL2[25] | W | Harmonic P L2 |
| 785 | float | RD | _FFT_PL2[26] | W | Harmonic P L2 |
| 787 | float | RD | _FFT_PL2[27] | W | Harmonic P L2 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 789 | float | RD | _FFT_PL2[28] | W | Harmonic P L2 |
| 791 | float | RD | _FFT_PL2[29] | W | Harmonic P L2 |
| 793 | float | RD | _FFT_PL2[30] | W | Harmonic P L2 |
| 795 | float | RD | _FFT_PL2[31] | W | Harmonic P L2 |
| 797 | float | RD | _FFT_PL2[32] | W | Harmonic P L2 |
| 799 | float | RD | _FFT_PL2[33] | W | Harmonic P L2 |
| 801 | float | RD | _FFT_PL2[34] | W | Harmonic P L2 |
| 803 | float | RD | _FFT_PL2[35] | W | Harmonic P L2 |
| 805 | float | RD | _FFT_PL2[36] | W | Harmonic P L2 |
| 807 | float | RD | _FFT_PL2[37] | W | Harmonic P L2 |
| 809 | float | RD | _FFT_PL2[38] | W | Harmonic P L2 |
| 811 | float | RD | _FFT_PL2[39] | W | Harmonic P L2 |
| 813 | float | RD | _FFT_PL3[0] | W | Harmonic P L3 |
| 815 | float | RD | _FFT_PL3[1] | W | Harmonic P L3 |
| 817 | float | RD | _FFT_PL3[2] | W | Harmonic P L3 |
| 819 | float | RD | _FFT_PL3[3] | W | Harmonic P L3 |
| 821 | float | RD | _FFT_PL3[4] | W | Harmonic P L3 |
| 823 | float | RD | _FFT_PL3[5] | W | Harmonic P L3 |
| 825 | float | RD | _FFT_PL3[6] | W | Harmonic P L3 |
| 827 | float | RD | _FFT_PL3[7] | W | Harmonic P L3 |
| 829 | float | RD | _FFT_PL3[8] | W | Harmonic P L3 |
| 831 | float | RD | _FFT_PL3[9] | W | Harmonic P L3 |
| 833 | float | RD | _FFT_PL3[10] | W | Harmonic P L3 |
| 835 | float | RD | _FFT_PL3[11] | W | Harmonic P L3 |
| 837 | float | RD | _FFT_PL3[12] | W | Harmonic P L3 |
| 839 | float | RD | _FFT_PL3[13] | W | Harmonic P L3 |
| 841 | float | RD | _FFT_PL3[14] | W | Harmonic P L3 |
| 843 | float | RD | _FFT_PL3[15] | W | Harmonic P L3 |
| 845 | float | RD | _FFT_PL3[16] | W | Harmonic P L3 |
| 847 | float | RD | _FFT_PL3[17] | W | Harmonic P L3 |
| 849 | float | RD | _FFT_PL3[18] | W | Harmonic P L3 |
| 851 | float | RD | _FFT_PL3[19] | W | Harmonic P L3 |
| 853 | float | RD | _FFT_PL3[20] | W | Harmonic P L3 |
| 855 | float | RD | _FFT_PL3[21] | W | Harmonic P L3 |
| 857 | float | RD | _FFT_PL3[22] | W | Harmonic P L3 |
| 859 | float | RD | _FFT_PL3[23] | W | Harmonic P L3 |
| 861 | float | RD | _FFT_PL3[24] | W | Harmonic P L3 |
| 863 | float | RD | _FFT_PL3[25] | W | Harmonic P L3 |
| 865 | float | RD | _FFT_PL3[26] | W | Harmonic P L3 |
| 867 | float | RD | _FFT_PL3[27] | W | Harmonic P L3 |
| 869 | float | RD | _FFT_PL3[28] | W | Harmonic P L3 |
| 871 | float | RD | _FFT_PL3[29] | W | Harmonic P L3 |
| 873 | float | RD | _FFT_PL3[30] | W | Harmonic P L3 |
| 875 | float | RD | _FFT_PL3[31] | W | Harmonic P L3 |
| 877 | float | RD | _FFT_PL3[32] | W | Harmonic P L3 |
| 879 | float | RD | _FFT_PL3[33] | W | Harmonic P L3 |
| 881 | float | RD | _FFT_PL3[34] | W | Harmonic P L3 |
| 883 | float | RD | _FFT_PL3[35] | W | Harmonic P L3 |
| 885 | float | RD | _FFT_PL3[36] | W | Harmonic P L3 |
| 887 | float | RD | _FFT_PL3[37] | W | Harmonic P L3 |
| 889 | float | RD | _FFT_PL3[38] | W | Harmonic P L3 |
| 891 | float | RD | _FFT_PL3[39] | W | Harmonic P L3 |
| 893 | float | RD | _FFT_PL4[0] | W | Harmonic P L4 |
| 895 | float | RD | _FFT_PL4[1] | W | Harmonic P L4 |
| 897 | float | RD | _FFT_PL4[2] | W | Harmonic P L4 |
| 899 | float | RD | _FFT_PL4[3] | W | Harmonic P L4 |
| 901 | float | RD | _FFT_PL4[4] | W | Harmonic P L4 |
| 903 | float | RD | _FFT_PL4[5] | W | Harmonic P L4 |
| 905 | float | RD | _FFT_PL4[6] | W | Harmonic P L4 |
| 907 | float | RD | _FFT_PL4[7] | W | Harmonic P L4 |
| 909 | float | RD | _FFT_PL4[8] | W | Harmonic P L4 |
| 911 | float | RD | _FFT_PL4[9] | W | Harmonic P L4 |
| 913 | float | RD | _FFT_PL4[10] | W | Harmonic P L4 |
| 915 | float | RD | _FFT_PL4[11] | W | Harmonic P L4 |
| 917 | float | RD | _FFT_PL4[12] | W | Harmonic P L4 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 919 | float | RD | _FFT_PL4[13] | W | Harmonic P L4 |
| 921 | float | RD | _FFT_PL4[14] | W | Harmonic P L4 |
| 923 | float | RD | _FFT_PL4[15] | W | Harmonic P L4 |
| 925 | float | RD | _FFT_PL4[16] | W | Harmonic P L4 |
| 927 | float | RD | _FFT_PL4[17] | W | Harmonic P L4 |
| 929 | float | RD | _FFT_PL4[18] | W | Harmonic P L4 |
| 931 | float | RD | _FFT_PL4[19] | W | Harmonic P L4 |
| 933 | float | RD | _FFT_PL4[20] | W | Harmonic P L4 |
| 935 | float | RD | _FFT_PL4[21] | W | Harmonic P L4 |
| 937 | float | RD | _FFT_PL4[22] | W | Harmonic P L4 |
| 939 | float | RD | _FFT_PL4[23] | W | Harmonic P L4 |
| 941 | float | RD | _FFT_PL4[24] | W | Harmonic P L4 |
| 943 | float | RD | _FFT_PL4[25] | W | Harmonic P L4 |
| 945 | float | RD | _FFT_PL4[26] | W | Harmonic P L4 |
| 947 | float | RD | _FFT_PL4[27] | W | Harmonic P L4 |
| 949 | float | RD | _FFT_PL4[28] | W | Harmonic P L4 |
| 951 | float | RD | _FFT_PL4[29] | W | Harmonic P L4 |
| 953 | float | RD | _FFT_PL4[30] | W | Harmonic P L4 |
| 955 | float | RD | _FFT_PL4[31] | W | Harmonic P L4 |
| 957 | float | RD | _FFT_PL4[32] | W | Harmonic P L4 |
| 959 | float | RD | _FFT_PL4[33] | W | Harmonic P L4 |
| 961 | float | RD | _FFT_PL4[34] | W | Harmonic P L4 |
| 963 | float | RD | _FFT_PL4[35] | W | Harmonic P L4 |
| 965 | float | RD | _FFT_PL4[36] | W | Harmonic P L4 |
| 967 | float | RD | _FFT_PL4[37] | W | Harmonic P L4 |
| 969 | float | RD | _FFT_PL4[38] | W | Harmonic P L4 |
| 971 | float | RD | _FFT_PL4[39] | W | Harmonic P L4 |
| 973 | float | RD | _FFT_QL1[0] | var | Harmonic Q L1 |
| 975 | float | RD | _FFT_QL1[1] | var | Harmonic Q L1 |
| 977 | float | RD | _FFT_QL1[2] | var | Harmonic Q L1 |
| 979 | float | RD | _FFT_QL1[3] | var | Harmonic Q L1 |
| 981 | float | RD | _FFT_QL1[4] | var | Harmonic Q L1 |
| 983 | float | RD | _FFT_QL1[5] | var | Harmonic Q L1 |
| 985 | float | RD | _FFT_QL1[6] | var | Harmonic Q L1 |
| 987 | float | RD | _FFT_QL1[7] | var | Harmonic Q L1 |
| 989 | float | RD | _FFT_QL1[8] | var | Harmonic Q L1 |
| 991 | float | RD | _FFT_QL1[9] | var | Harmonic Q L1 |
| 993 | float | RD | _FFT_QL1[10] | var | Harmonic Q L1 |
| 995 | float | RD | _FFT_QL1[11] | var | Harmonic Q L1 |
| 997 | float | RD | _FFT_QL1[12] | var | Harmonic Q L1 |
| 999 | float | RD | _FFT_QL1[13] | var | Harmonic Q L1 |
| 1001 | float | RD | _FFT_QL1[14] | var | Harmonic Q L1 |
| 1003 | float | RD | _FFT_QL1[15] | var | Harmonic Q L1 |
| 1005 | float | RD | _FFT_QL1[16] | var | Harmonic Q L1 |
| 1007 | float | RD | _FFT_QL1[17] | var | Harmonic Q L1 |
| 1009 | float | RD | _FFT_QL1[18] | var | Harmonic Q L1 |
| 1011 | float | RD | _FFT_QL1[19] | var | Harmonic Q L1 |
| 1013 | float | RD | _FFT_QL1[20] | var | Harmonic Q L1 |
| 1015 | float | RD | _FFT_QL1[21] | var | Harmonic Q L1 |
| 1017 | float | RD | _FFT_QL1[22] | var | Harmonic Q L1 |
| 1019 | float | RD | _FFT_QL1[23] | var | Harmonic Q L1 |
| 1021 | float | RD | _FFT_QL1[24] | var | Harmonic Q L1 |
| 1023 | float | RD | _FFT_QL1[25] | var | Harmonic Q L1 |
| 1025 | float | RD | _FFT_QL1[26] | var | Harmonic Q L1 |
| 1027 | float | RD | _FFT_QL1[27] | var | Harmonic Q L1 |
| 1029 | float | RD | _FFT_QL1[28] | var | Harmonic Q L1 |
| 1031 | float | RD | _FFT_QL1[29] | var | Harmonic Q L1 |
| 1033 | float | RD | _FFT_QL1[30] | var | Harmonic Q L1 |
| 1035 | float | RD | _FFT_QL1[31] | var | Harmonic Q L1 |
| 1037 | float | RD | _FFT_QL1[32] | var | Harmonic Q L1 |
| 1039 | float | RD | _FFT_QL1[33] | var | Harmonic Q L1 |
| 1041 | float | RD | _FFT_QL1[34] | var | Harmonic Q L1 |
| 1043 | float | RD | _FFT_QL1[35] | var | Harmonic Q L1 |
| 1045 | float | RD | _FFT_QL1[36] | var | Harmonic Q L1 |
| 1047 | float | RD | _FFT_QL1[37] | var | Harmonic Q L1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 1049 | float | RD | _FFT_QL1[38] | var | Harmonic Q L1 |
| 1051 | float | RD | _FFT_QL1[39] | var | Harmonic Q L1 |
| 1053 | float | RD | _FFT_QL2[0] | var | Harmonic Q L2 |
| 1055 | float | RD | _FFT_QL2[1] | var | Harmonic Q L2 |
| 1057 | float | RD | _FFT_QL2[2] | var | Harmonic Q L2 |
| 1059 | float | RD | _FFT_QL2[3] | var | Harmonic Q L2 |
| 1061 | float | RD | _FFT_QL2[4] | var | Harmonic Q L2 |
| 1063 | float | RD | _FFT_QL2[5] | var | Harmonic Q L2 |
| 1065 | float | RD | _FFT_QL2[6] | var | Harmonic Q L2 |
| 1067 | float | RD | _FFT_QL2[7] | var | Harmonic Q L2 |
| 1069 | float | RD | _FFT_QL2[8] | var | Harmonic Q L2 |
| 1071 | float | RD | _FFT_QL2[9] | var | Harmonic Q L2 |
| 1073 | float | RD | _FFT_QL2[10] | var | Harmonic Q L2 |
| 1075 | float | RD | _FFT_QL2[11] | var | Harmonic Q L2 |
| 1077 | float | RD | _FFT_QL2[12] | var | Harmonic Q L2 |
| 1079 | float | RD | _FFT_QL2[13] | var | Harmonic Q L2 |
| 1081 | float | RD | _FFT_QL2[14] | var | Harmonic Q L2 |
| 1083 | float | RD | _FFT_QL2[15] | var | Harmonic Q L2 |
| 1085 | float | RD | _FFT_QL2[16] | var | Harmonic Q L2 |
| 1087 | float | RD | _FFT_QL2[17] | var | Harmonic Q L2 |
| 1089 | float | RD | _FFT_QL2[18] | var | Harmonic Q L2 |
| 1091 | float | RD | _FFT_QL2[19] | var | Harmonic Q L2 |
| 1093 | float | RD | _FFT_QL2[20] | var | Harmonic Q L2 |
| 1095 | float | RD | _FFT_QL2[21] | var | Harmonic Q L2 |
| 1097 | float | RD | _FFT_QL2[22] | var | Harmonic Q L2 |
| 1099 | float | RD | _FFT_QL2[23] | var | Harmonic Q L2 |
| 1101 | float | RD | _FFT_QL2[24] | var | Harmonic Q L2 |
| 1103 | float | RD | _FFT_QL2[25] | var | Harmonic Q L2 |
| 1105 | float | RD | _FFT_QL2[26] | var | Harmonic Q L2 |
| 1107 | float | RD | _FFT_QL2[27] | var | Harmonic Q L2 |
| 1109 | float | RD | _FFT_QL2[28] | var | Harmonic Q L2 |
| 1111 | float | RD | _FFT_QL2[29] | var | Harmonic Q L2 |
| 1113 | float | RD | _FFT_QL2[30] | var | Harmonic Q L2 |
| 1115 | float | RD | _FFT_QL2[31] | var | Harmonic Q L2 |
| 1117 | float | RD | _FFT_QL2[32] | var | Harmonic Q L2 |
| 1119 | float | RD | _FFT_QL2[33] | var | Harmonic Q L2 |
| 1121 | float | RD | _FFT_QL2[34] | var | Harmonic Q L2 |
| 1123 | float | RD | _FFT_QL2[35] | var | Harmonic Q L2 |
| 1125 | float | RD | _FFT_QL2[36] | var | Harmonic Q L2 |
| 1127 | float | RD | _FFT_QL2[37] | var | Harmonic Q L2 |
| 1129 | float | RD | _FFT_QL2[38] | var | Harmonic Q L2 |
| 1131 | float | RD | _FFT_QL2[39] | var | Harmonic Q L2 |
| 1133 | float | RD | _FFT_QL3[0] | var | Harmonic Q L3 |
| 1135 | float | RD | _FFT_QL3[1] | var | Harmonic Q L3 |
| 1137 | float | RD | _FFT_QL3[2] | var | Harmonic Q L3 |
| 1139 | float | RD | _FFT_QL3[3] | var | Harmonic Q L3 |
| 1141 | float | RD | _FFT_QL3[4] | var | Harmonic Q L3 |
| 1143 | float | RD | _FFT_QL3[5] | var | Harmonic Q L3 |
| 1145 | float | RD | _FFT_QL3[6] | var | Harmonic Q L3 |
| 1147 | float | RD | _FFT_QL3[7] | var | Harmonic Q L3 |
| 1149 | float | RD | _FFT_QL3[8] | var | Harmonic Q L3 |
| 1151 | float | RD | _FFT_QL3[9] | var | Harmonic Q L3 |
| 1153 | float | RD | _FFT_QL3[10] | var | Harmonic Q L3 |
| 1155 | float | RD | _FFT_QL3[11] | var | Harmonic Q L3 |
| 1157 | float | RD | _FFT_QL3[12] | var | Harmonic Q L3 |
| 1159 | float | RD | _FFT_QL3[13] | var | Harmonic Q L3 |
| 1161 | float | RD | _FFT_QL3[14] | var | Harmonic Q L3 |
| 1163 | float | RD | _FFT_QL3[15] | var | Harmonic Q L3 |
| 1165 | float | RD | _FFT_QL3[16] | var | Harmonic Q L3 |
| 1167 | float | RD | _FFT_QL3[17] | var | Harmonic Q L3 |
| 1169 | float | RD | _FFT_QL3[18] | var | Harmonic Q L3 |
| 1171 | float | RD | _FFT_QL3[19] | var | Harmonic Q L3 |
| 1173 | float | RD | _FFT_QL3[20] | var | Harmonic Q L3 |
| 1175 | float | RD | _FFT_QL3[21] | var | Harmonic Q L3 |
| 1177 | float | RD | _FFT_QL3[22] | var | Harmonic Q L3 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------|------|---------------|
| 1179 | float | RD | _FFT_QL3[23] | var | Harmonic Q L3 |
| 1181 | float | RD | _FFT_QL3[24] | var | Harmonic Q L3 |
| 1183 | float | RD | _FFT_QL3[25] | var | Harmonic Q L3 |
| 1185 | float | RD | _FFT_QL3[26] | var | Harmonic Q L3 |
| 1187 | float | RD | _FFT_QL3[27] | var | Harmonic Q L3 |
| 1189 | float | RD | _FFT_QL3[28] | var | Harmonic Q L3 |
| 1191 | float | RD | _FFT_QL3[29] | var | Harmonic Q L3 |
| 1193 | float | RD | _FFT_QL3[30] | var | Harmonic Q L3 |
| 1195 | float | RD | _FFT_QL3[31] | var | Harmonic Q L3 |
| 1197 | float | RD | _FFT_QL3[32] | var | Harmonic Q L3 |
| 1199 | float | RD | _FFT_QL3[33] | var | Harmonic Q L3 |
| 1201 | float | RD | _FFT_QL3[34] | var | Harmonic Q L3 |
| 1203 | float | RD | _FFT_QL3[35] | var | Harmonic Q L3 |
| 1205 | float | RD | _FFT_QL3[36] | var | Harmonic Q L3 |
| 1207 | float | RD | _FFT_QL3[37] | var | Harmonic Q L3 |
| 1209 | float | RD | _FFT_QL3[38] | var | Harmonic Q L3 |
| 1211 | float | RD | _FFT_QL3[39] | var | Harmonic Q L3 |
| 1213 | float | RD | _FFT_QL4[0] | var | Harmonic Q L4 |
| 1215 | float | RD | _FFT_QL4[1] | var | Harmonic Q L4 |
| 1217 | float | RD | _FFT_QL4[2] | var | Harmonic Q L4 |
| 1219 | float | RD | _FFT_QL4[3] | var | Harmonic Q L4 |
| 1221 | float | RD | _FFT_QL4[4] | var | Harmonic Q L4 |
| 1223 | float | RD | _FFT_QL4[5] | var | Harmonic Q L4 |
| 1225 | float | RD | _FFT_QL4[6] | var | Harmonic Q L4 |
| 1227 | float | RD | _FFT_QL4[7] | var | Harmonic Q L4 |
| 1229 | float | RD | _FFT_QL4[8] | var | Harmonic Q L4 |
| 1231 | float | RD | _FFT_QL4[9] | var | Harmonic Q L4 |
| 1233 | float | RD | _FFT_QL4[10] | var | Harmonic Q L4 |
| 1235 | float | RD | _FFT_QL4[11] | var | Harmonic Q L4 |
| 1237 | float | RD | _FFT_QL4[12] | var | Harmonic Q L4 |
| 1239 | float | RD | _FFT_QL4[13] | var | Harmonic Q L4 |
| 1241 | float | RD | _FFT_QL4[14] | var | Harmonic Q L4 |
| 1243 | float | RD | _FFT_QL4[15] | var | Harmonic Q L4 |
| 1245 | float | RD | _FFT_QL4[16] | var | Harmonic Q L4 |
| 1247 | float | RD | _FFT_QL4[17] | var | Harmonic Q L4 |
| 1249 | float | RD | _FFT_QL4[18] | var | Harmonic Q L4 |
| 1251 | float | RD | _FFT_QL4[19] | var | Harmonic Q L4 |
| 1253 | float | RD | _FFT_QL4[20] | var | Harmonic Q L4 |
| 1255 | float | RD | _FFT_QL4[21] | var | Harmonic Q L4 |
| 1257 | float | RD | _FFT_QL4[22] | var | Harmonic Q L4 |
| 1259 | float | RD | _FFT_QL4[23] | var | Harmonic Q L4 |
| 1261 | float | RD | _FFT_QL4[24] | var | Harmonic Q L4 |
| 1263 | float | RD | _FFT_QL4[25] | var | Harmonic Q L4 |
| 1265 | float | RD | _FFT_QL4[26] | var | Harmonic Q L4 |
| 1267 | float | RD | _FFT_QL4[27] | var | Harmonic Q L4 |
| 1269 | float | RD | _FFT_QL4[28] | var | Harmonic Q L4 |
| 1271 | float | RD | _FFT_QL4[29] | var | Harmonic Q L4 |
| 1273 | float | RD | _FFT_QL4[30] | var | Harmonic Q L4 |
| 1275 | float | RD | _FFT_QL4[31] | var | Harmonic Q L4 |
| 1277 | float | RD | _FFT_QL4[32] | var | Harmonic Q L4 |
| 1279 | float | RD | _FFT_QL4[33] | var | Harmonic Q L4 |
| 1281 | float | RD | _FFT_QL4[34] | var | Harmonic Q L4 |
| 1283 | float | RD | _FFT_QL4[35] | var | Harmonic Q L4 |
| 1285 | float | RD | _FFT_QL4[36] | var | Harmonic Q L4 |
| 1287 | float | RD | _FFT_QL4[37] | var | Harmonic Q L4 |
| 1289 | float | RD | _FFT_QL4[38] | var | Harmonic Q L4 |
| 1291 | float | RD | _FFT_QL4[39] | var | Harmonic Q L4 |

Mean values, fourier analysis

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 1475 | float | RD | _FFT_UL1_AVG[0] | V | Average, Harmonic, UL1 |
| 1477 | float | RD | _FFT_UL1_AVG[1] | V | Average, Harmonic, UL1 |
| 1479 | float | RD | _FFT_UL1_AVG[2] | V | Average, Harmonic, UL1 |
| 1481 | float | RD | _FFT_UL1_AVG[3] | V | Average, Harmonic, UL1 |
| 1483 | float | RD | _FFT_UL1_AVG[4] | V | Average, Harmonic, UL1 |
| 1485 | float | RD | _FFT_UL1_AVG[5] | V | Average, Harmonic, UL1 |
| 1487 | float | RD | _FFT_UL1_AVG[6] | V | Average, Harmonic, UL1 |
| 1489 | float | RD | _FFT_UL1_AVG[7] | V | Average, Harmonic, UL1 |
| 1491 | float | RD | _FFT_UL1_AVG[8] | V | Average, Harmonic, UL1 |
| 1493 | float | RD | _FFT_UL1_AVG[9] | V | Average, Harmonic, UL1 |
| 1495 | float | RD | _FFT_UL1_AVG[10] | V | Average, Harmonic, UL1 |
| 1497 | float | RD | _FFT_UL1_AVG[11] | V | Average, Harmonic, UL1 |
| 1499 | float | RD | _FFT_UL1_AVG[12] | V | Average, Harmonic, UL1 |
| 1501 | float | RD | _FFT_UL1_AVG[13] | V | Average, Harmonic, UL1 |
| 1503 | float | RD | _FFT_UL1_AVG[14] | V | Average, Harmonic, UL1 |
| 1505 | float | RD | _FFT_UL1_AVG[15] | V | Average, Harmonic, UL1 |
| 1507 | float | RD | _FFT_UL1_AVG[16] | V | Average, Harmonic, UL1 |
| 1509 | float | RD | _FFT_UL1_AVG[17] | V | Average, Harmonic, UL1 |
| 1511 | float | RD | _FFT_UL1_AVG[18] | V | Average, Harmonic, UL1 |
| 1513 | float | RD | _FFT_UL1_AVG[19] | V | Average, Harmonic, UL1 |
| 1515 | float | RD | _FFT_UL1_AVG[20] | V | Average, Harmonic, UL1 |
| 1517 | float | RD | _FFT_UL1_AVG[21] | V | Average, Harmonic, UL1 |
| 1519 | float | RD | _FFT_UL1_AVG[22] | V | Average, Harmonic, UL1 |
| 1521 | float | RD | _FFT_UL1_AVG[23] | V | Average, Harmonic, UL1 |
| 1523 | float | RD | _FFT_UL1_AVG[24] | V | Average, Harmonic, UL1 |
| 1525 | float | RD | _FFT_UL1_AVG[25] | V | Average, Harmonic, UL1 |
| 1527 | float | RD | _FFT_UL1_AVG[26] | V | Average, Harmonic, UL1 |
| 1529 | float | RD | _FFT_UL1_AVG[27] | V | Average, Harmonic, UL1 |
| 1531 | float | RD | _FFT_UL1_AVG[28] | V | Average, Harmonic, UL1 |
| 1533 | float | RD | _FFT_UL1_AVG[29] | V | Average, Harmonic, UL1 |
| 1535 | float | RD | _FFT_UL1_AVG[30] | V | Average, Harmonic, UL1 |
| 1537 | float | RD | _FFT_UL1_AVG[31] | V | Average, Harmonic, UL1 |
| 1539 | float | RD | _FFT_UL1_AVG[32] | V | Average, Harmonic, UL1 |
| 1541 | float | RD | _FFT_UL1_AVG[33] | V | Average, Harmonic, UL1 |
| 1543 | float | RD | _FFT_UL1_AVG[34] | V | Average, Harmonic, UL1 |
| 1545 | float | RD | _FFT_UL1_AVG[35] | V | Average, Harmonic, UL1 |
| 1547 | float | RD | _FFT_UL1_AVG[36] | V | Average, Harmonic, UL1 |
| 1549 | float | RD | _FFT_UL1_AVG[37] | V | Average, Harmonic, UL1 |
| 1551 | float | RD | _FFT_UL1_AVG[38] | V | Average, Harmonic, UL1 |
| 1553 | float | RD | _FFT_UL1_AVG[39] | V | Average, Harmonic, UL1 |
| 1555 | float | RD | _FFT_UL2_AVG[0] | V | Average, Harmonic, UL2 |
| 1557 | float | RD | _FFT_UL2_AVG[1] | V | Average, Harmonic, UL2 |
| 1559 | float | RD | _FFT_UL2_AVG[2] | V | Average, Harmonic, UL2 |
| 1561 | float | RD | _FFT_UL2_AVG[3] | V | Average, Harmonic, UL2 |
| 1563 | float | RD | _FFT_UL2_AVG[4] | V | Average, Harmonic, UL2 |
| 1565 | float | RD | _FFT_UL2_AVG[5] | V | Average, Harmonic, UL2 |
| 1567 | float | RD | _FFT_UL2_AVG[6] | V | Average, Harmonic, UL2 |
| 1569 | float | RD | _FFT_UL2_AVG[7] | V | Average, Harmonic, UL2 |
| 1571 | float | RD | _FFT_UL2_AVG[8] | V | Average, Harmonic, UL2 |
| 1573 | float | RD | _FFT_UL2_AVG[9] | V | Average, Harmonic, UL2 |
| 1575 | float | RD | _FFT_UL2_AVG[10] | V | Average, Harmonic, UL2 |
| 1577 | float | RD | _FFT_UL2_AVG[11] | V | Average, Harmonic, UL2 |
| 1579 | float | RD | _FFT_UL2_AVG[12] | V | Average, Harmonic, UL2 |
| 1581 | float | RD | _FFT_UL2_AVG[13] | V | Average, Harmonic, UL2 |
| 1583 | float | RD | _FFT_UL2_AVG[14] | V | Average, Harmonic, UL2 |
| 1585 | float | RD | _FFT_UL2_AVG[15] | V | Average, Harmonic, UL2 |
| 1587 | float | RD | _FFT_UL2_AVG[16] | V | Average, Harmonic, UL2 |
| 1589 | float | RD | _FFT_UL2_AVG[17] | V | Average, Harmonic, UL2 |
| 1591 | float | RD | _FFT_UL2_AVG[18] | V | Average, Harmonic, UL2 |
| 1593 | float | RD | _FFT_UL2_AVG[19] | V | Average, Harmonic, UL2 |
| 1595 | float | RD | _FFT_UL2_AVG[20] | V | Average, Harmonic, UL2 |
| 1597 | float | RD | _FFT_UL2_AVG[21] | V | Average, Harmonic, UL2 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 1599 | float | RD | _FFT_UL2_AVG[22] | V | Average, Harmonic, UL2 |
| 1601 | float | RD | _FFT_UL2_AVG[23] | V | Average, Harmonic, UL2 |
| 1603 | float | RD | _FFT_UL2_AVG[24] | V | Average, Harmonic, UL2 |
| 1605 | float | RD | _FFT_UL2_AVG[25] | V | Average, Harmonic, UL2 |
| 1607 | float | RD | _FFT_UL2_AVG[26] | V | Average, Harmonic, UL2 |
| 1609 | float | RD | _FFT_UL2_AVG[27] | V | Average, Harmonic, UL2 |
| 1611 | float | RD | _FFT_UL2_AVG[28] | V | Average, Harmonic, UL2 |
| 1613 | float | RD | _FFT_UL2_AVG[29] | V | Average, Harmonic, UL2 |
| 1615 | float | RD | _FFT_UL2_AVG[30] | V | Average, Harmonic, UL2 |
| 1617 | float | RD | _FFT_UL2_AVG[31] | V | Average, Harmonic, UL2 |
| 1619 | float | RD | _FFT_UL2_AVG[32] | V | Average, Harmonic, UL2 |
| 1621 | float | RD | _FFT_UL2_AVG[33] | V | Average, Harmonic, UL2 |
| 1623 | float | RD | _FFT_UL2_AVG[34] | V | Average, Harmonic, UL2 |
| 1625 | float | RD | _FFT_UL2_AVG[35] | V | Average, Harmonic, UL2 |
| 1627 | float | RD | _FFT_UL2_AVG[36] | V | Average, Harmonic, UL2 |
| 1629 | float | RD | _FFT_UL2_AVG[37] | V | Average, Harmonic, UL2 |
| 1631 | float | RD | _FFT_UL2_AVG[38] | V | Average, Harmonic, UL2 |
| 1633 | float | RD | _FFT_UL2_AVG[39] | V | Average, Harmonic, UL2 |
| 1635 | float | RD | _FFT_UL3_AVG[0] | V | Average, Harmonic, UL3 |
| 1637 | float | RD | _FFT_UL3_AVG[1] | V | Average, Harmonic, UL3 |
| 1639 | float | RD | _FFT_UL3_AVG[2] | V | Average, Harmonic, UL3 |
| 1641 | float | RD | _FFT_UL3_AVG[3] | V | Average, Harmonic, UL3 |
| 1643 | float | RD | _FFT_UL3_AVG[4] | V | Average, Harmonic, UL3 |
| 1645 | float | RD | _FFT_UL3_AVG[5] | V | Average, Harmonic, UL3 |
| 1647 | float | RD | _FFT_UL3_AVG[6] | V | Average, Harmonic, UL3 |
| 1649 | float | RD | _FFT_UL3_AVG[7] | V | Average, Harmonic, UL3 |
| 1651 | float | RD | _FFT_UL3_AVG[8] | V | Average, Harmonic, UL3 |
| 1653 | float | RD | _FFT_UL3_AVG[9] | V | Average, Harmonic, UL3 |
| 1655 | float | RD | _FFT_UL3_AVG[10] | V | Average, Harmonic, UL3 |
| 1657 | float | RD | _FFT_UL3_AVG[11] | V | Average, Harmonic, UL3 |
| 1659 | float | RD | _FFT_UL3_AVG[12] | V | Average, Harmonic, UL3 |
| 1661 | float | RD | _FFT_UL3_AVG[13] | V | Average, Harmonic, UL3 |
| 1663 | float | RD | _FFT_UL3_AVG[14] | V | Average, Harmonic, UL3 |
| 1665 | float | RD | _FFT_UL3_AVG[15] | V | Average, Harmonic, UL3 |
| 1667 | float | RD | _FFT_UL3_AVG[16] | V | Average, Harmonic, UL3 |
| 1669 | float | RD | _FFT_UL3_AVG[17] | V | Average, Harmonic, UL3 |
| 1671 | float | RD | _FFT_UL3_AVG[18] | V | Average, Harmonic, UL3 |
| 1673 | float | RD | _FFT_UL3_AVG[19] | V | Average, Harmonic, UL3 |
| 1675 | float | RD | _FFT_UL3_AVG[20] | V | Average, Harmonic, UL3 |
| 1677 | float | RD | _FFT_UL3_AVG[21] | V | Average, Harmonic, UL3 |
| 1679 | float | RD | _FFT_UL3_AVG[22] | V | Average, Harmonic, UL3 |
| 1681 | float | RD | _FFT_UL3_AVG[23] | V | Average, Harmonic, UL3 |
| 1683 | float | RD | _FFT_UL3_AVG[24] | V | Average, Harmonic, UL3 |
| 1685 | float | RD | _FFT_UL3_AVG[25] | V | Average, Harmonic, UL3 |
| 1687 | float | RD | _FFT_UL3_AVG[26] | V | Average, Harmonic, UL3 |
| 1689 | float | RD | _FFT_UL3_AVG[27] | V | Average, Harmonic, UL3 |
| 1691 | float | RD | _FFT_UL3_AVG[28] | V | Average, Harmonic, UL3 |
| 1693 | float | RD | _FFT_UL3_AVG[29] | V | Average, Harmonic, UL3 |
| 1695 | float | RD | _FFT_UL3_AVG[30] | V | Average, Harmonic, UL3 |
| 1697 | float | RD | _FFT_UL3_AVG[31] | V | Average, Harmonic, UL3 |
| 1699 | float | RD | _FFT_UL3_AVG[32] | V | Average, Harmonic, UL3 |
| 1701 | float | RD | _FFT_UL3_AVG[33] | V | Average, Harmonic, UL3 |
| 1703 | float | RD | _FFT_UL3_AVG[34] | V | Average, Harmonic, UL3 |
| 1705 | float | RD | _FFT_UL3_AVG[35] | V | Average, Harmonic, UL3 |
| 1707 | float | RD | _FFT_UL3_AVG[36] | V | Average, Harmonic, UL3 |
| 1709 | float | RD | _FFT_UL3_AVG[37] | V | Average, Harmonic, UL3 |
| 1711 | float | RD | _FFT_UL3_AVG[38] | V | Average, Harmonic, UL3 |
| 1713 | float | RD | _FFT_UL3_AVG[39] | V | Average, Harmonic, UL3 |
| 1715 | float | RD | _FFT_UL4_AVG[0] | V | Average, Harmonic, UL4 |
| 1717 | float | RD | _FFT_UL4_AVG[1] | V | Average, Harmonic, UL4 |
| 1719 | float | RD | _FFT_UL4_AVG[2] | V | Average, Harmonic, UL4 |
| 1721 | float | RD | _FFT_UL4_AVG[3] | V | Average, Harmonic, UL4 |
| 1723 | float | RD | _FFT_UL4_AVG[4] | V | Average, Harmonic, UL4 |
| 1725 | float | RD | _FFT_UL4_AVG[5] | V | Average, Harmonic, UL4 |
| 1727 | float | RD | _FFT_UL4_AVG[6] | V | Average, Harmonic, UL4 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 1729 | float | RD | _FFT_UL4_AVG[7] | V | Average, Harmonic, UL4 |
| 1731 | float | RD | _FFT_UL4_AVG[8] | V | Average, Harmonic, UL4 |
| 1733 | float | RD | _FFT_UL4_AVG[9] | V | Average, Harmonic, UL4 |
| 1735 | float | RD | _FFT_UL4_AVG[10] | V | Average, Harmonic, UL4 |
| 1737 | float | RD | _FFT_UL4_AVG[11] | V | Average, Harmonic, UL4 |
| 1739 | float | RD | _FFT_UL4_AVG[12] | V | Average, Harmonic, UL4 |
| 1741 | float | RD | _FFT_UL4_AVG[13] | V | Average, Harmonic, UL4 |
| 1743 | float | RD | _FFT_UL4_AVG[14] | V | Average, Harmonic, UL4 |
| 1745 | float | RD | _FFT_UL4_AVG[15] | V | Average, Harmonic, UL4 |
| 1747 | float | RD | _FFT_UL4_AVG[16] | V | Average, Harmonic, UL4 |
| 1749 | float | RD | _FFT_UL4_AVG[17] | V | Average, Harmonic, UL4 |
| 1751 | float | RD | _FFT_UL4_AVG[18] | V | Average, Harmonic, UL4 |
| 1753 | float | RD | _FFT_UL4_AVG[19] | V | Average, Harmonic, UL4 |
| 1755 | float | RD | _FFT_UL4_AVG[20] | V | Average, Harmonic, UL4 |
| 1757 | float | RD | _FFT_UL4_AVG[21] | V | Average, Harmonic, UL4 |
| 1759 | float | RD | _FFT_UL4_AVG[22] | V | Average, Harmonic, UL4 |
| 1761 | float | RD | _FFT_UL4_AVG[23] | V | Average, Harmonic, UL4 |
| 1763 | float | RD | _FFT_UL4_AVG[24] | V | Average, Harmonic, UL4 |
| 1765 | float | RD | _FFT_UL4_AVG[25] | V | Average, Harmonic, UL4 |
| 1767 | float | RD | _FFT_UL4_AVG[26] | V | Average, Harmonic, UL4 |
| 1769 | float | RD | _FFT_UL4_AVG[27] | V | Average, Harmonic, UL4 |
| 1771 | float | RD | _FFT_UL4_AVG[28] | V | Average, Harmonic, UL4 |
| 1773 | float | RD | _FFT_UL4_AVG[29] | V | Average, Harmonic, UL4 |
| 1775 | float | RD | _FFT_UL4_AVG[30] | V | Average, Harmonic, UL4 |
| 1777 | float | RD | _FFT_UL4_AVG[31] | V | Average, Harmonic, UL4 |
| 1779 | float | RD | _FFT_UL4_AVG[32] | V | Average, Harmonic, UL4 |
| 1781 | float | RD | _FFT_UL4_AVG[33] | V | Average, Harmonic, UL4 |
| 1783 | float | RD | _FFT_UL4_AVG[34] | V | Average, Harmonic, UL4 |
| 1785 | float | RD | _FFT_UL4_AVG[35] | V | Average, Harmonic, UL4 |
| 1787 | float | RD | _FFT_UL4_AVG[36] | V | Average, Harmonic, UL4 |
| 1789 | float | RD | _FFT_UL4_AVG[37] | V | Average, Harmonic, UL4 |
| 1791 | float | RD | _FFT_UL4_AVG[38] | V | Average, Harmonic, UL4 |
| 1793 | float | RD | _FFT_UL4_AVG[39] | V | Average, Harmonic, UL4 |
| 1795 | float | RD | _FFT_IL1_AVG[0] | A | Average, Harmonic, IL1 |
| 1797 | float | RD | _FFT_IL1_AVG[1] | A | Average, Harmonic, IL1 |
| 1799 | float | RD | _FFT_IL1_AVG[2] | A | Average, Harmonic, IL1 |
| 1801 | float | RD | _FFT_IL1_AVG[3] | A | Average, Harmonic, IL1 |
| 1803 | float | RD | _FFT_IL1_AVG[4] | A | Average, Harmonic, IL1 |
| 1805 | float | RD | _FFT_IL1_AVG[5] | A | Average, Harmonic, IL1 |
| 1807 | float | RD | _FFT_IL1_AVG[6] | A | Average, Harmonic, IL1 |
| 1809 | float | RD | _FFT_IL1_AVG[7] | A | Average, Harmonic, IL1 |
| 1811 | float | RD | _FFT_IL1_AVG[8] | A | Average, Harmonic, IL1 |
| 1813 | float | RD | _FFT_IL1_AVG[9] | A | Average, Harmonic, IL1 |
| 1815 | float | RD | _FFT_IL1_AVG[10] | A | Average, Harmonic, IL1 |
| 1817 | float | RD | _FFT_IL1_AVG[11] | A | Average, Harmonic, IL1 |
| 1819 | float | RD | _FFT_IL1_AVG[12] | A | Average, Harmonic, IL1 |
| 1821 | float | RD | _FFT_IL1_AVG[13] | A | Average, Harmonic, IL1 |
| 1823 | float | RD | _FFT_IL1_AVG[14] | A | Average, Harmonic, IL1 |
| 1825 | float | RD | _FFT_IL1_AVG[15] | A | Average, Harmonic, IL1 |
| 1827 | float | RD | _FFT_IL1_AVG[16] | A | Average, Harmonic, IL1 |
| 1829 | float | RD | _FFT_IL1_AVG[17] | A | Average, Harmonic, IL1 |
| 1831 | float | RD | _FFT_IL1_AVG[18] | A | Average, Harmonic, IL1 |
| 1833 | float | RD | _FFT_IL1_AVG[19] | A | Average, Harmonic, IL1 |
| 1835 | float | RD | _FFT_IL1_AVG[20] | A | Average, Harmonic, IL1 |
| 1837 | float | RD | _FFT_IL1_AVG[21] | A | Average, Harmonic, IL1 |
| 1839 | float | RD | _FFT_IL1_AVG[22] | A | Average, Harmonic, IL1 |
| 1841 | float | RD | _FFT_IL1_AVG[23] | A | Average, Harmonic, IL1 |
| 1843 | float | RD | _FFT_IL1_AVG[24] | A | Average, Harmonic, IL1 |
| 1845 | float | RD | _FFT_IL1_AVG[25] | A | Average, Harmonic, IL1 |
| 1847 | float | RD | _FFT_IL1_AVG[26] | A | Average, Harmonic, IL1 |
| 1849 | float | RD | _FFT_IL1_AVG[27] | A | Average, Harmonic, IL1 |
| 1851 | float | RD | _FFT_IL1_AVG[28] | A | Average, Harmonic, IL1 |
| 1853 | float | RD | _FFT_IL1_AVG[29] | A | Average, Harmonic, IL1 |
| 1855 | float | RD | _FFT_IL1_AVG[30] | A | Average, Harmonic, IL1 |
| 1857 | float | RD | _FFT_IL1_AVG[31] | A | Average, Harmonic, IL1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 1859 | float | RD | _FFT_IL1_AVG[32] | A | Average, Harmonic, IL1 |
| 1861 | float | RD | _FFT_IL1_AVG[33] | A | Average, Harmonic, IL1 |
| 1863 | float | RD | _FFT_IL1_AVG[34] | A | Average, Harmonic, IL1 |
| 1865 | float | RD | _FFT_IL1_AVG[35] | A | Average, Harmonic, IL1 |
| 1867 | float | RD | _FFT_IL1_AVG[36] | A | Average, Harmonic, IL1 |
| 1869 | float | RD | _FFT_IL1_AVG[37] | A | Average, Harmonic, IL1 |
| 1871 | float | RD | _FFT_IL1_AVG[38] | A | Average, Harmonic, IL1 |
| 1873 | float | RD | _FFT_IL1_AVG[39] | A | Average, Harmonic, IL1 |
| 1875 | float | RD | _FFT_IL2_AVG[0] | A | Average, Harmonic, IL2 |
| 1877 | float | RD | _FFT_IL2_AVG[1] | A | Average, Harmonic, IL2 |
| 1879 | float | RD | _FFT_IL2_AVG[2] | A | Average, Harmonic, IL2 |
| 1881 | float | RD | _FFT_IL2_AVG[3] | A | Average, Harmonic, IL2 |
| 1883 | float | RD | _FFT_IL2_AVG[4] | A | Average, Harmonic, IL2 |
| 1885 | float | RD | _FFT_IL2_AVG[5] | A | Average, Harmonic, IL2 |
| 1887 | float | RD | _FFT_IL2_AVG[6] | A | Average, Harmonic, IL2 |
| 1889 | float | RD | _FFT_IL2_AVG[7] | A | Average, Harmonic, IL2 |
| 1891 | float | RD | _FFT_IL2_AVG[8] | A | Average, Harmonic, IL2 |
| 1893 | float | RD | _FFT_IL2_AVG[9] | A | Average, Harmonic, IL2 |
| 1895 | float | RD | _FFT_IL2_AVG[10] | A | Average, Harmonic, IL2 |
| 1897 | float | RD | _FFT_IL2_AVG[11] | A | Average, Harmonic, IL2 |
| 1899 | float | RD | _FFT_IL2_AVG[12] | A | Average, Harmonic, IL2 |
| 1901 | float | RD | _FFT_IL2_AVG[13] | A | Average, Harmonic, IL2 |
| 1903 | float | RD | _FFT_IL2_AVG[14] | A | Average, Harmonic, IL2 |
| 1905 | float | RD | _FFT_IL2_AVG[15] | A | Average, Harmonic, IL2 |
| 1907 | float | RD | _FFT_IL2_AVG[16] | A | Average, Harmonic, IL2 |
| 1909 | float | RD | _FFT_IL2_AVG[17] | A | Average, Harmonic, IL2 |
| 1911 | float | RD | _FFT_IL2_AVG[18] | A | Average, Harmonic, IL2 |
| 1913 | float | RD | _FFT_IL2_AVG[19] | A | Average, Harmonic, IL2 |
| 1915 | float | RD | _FFT_IL2_AVG[20] | A | Average, Harmonic, IL2 |
| 1917 | float | RD | _FFT_IL2_AVG[21] | A | Average, Harmonic, IL2 |
| 1919 | float | RD | _FFT_IL2_AVG[22] | A | Average, Harmonic, IL2 |
| 1921 | float | RD | _FFT_IL2_AVG[23] | A | Average, Harmonic, IL2 |
| 1923 | float | RD | _FFT_IL2_AVG[24] | A | Average, Harmonic, IL2 |
| 1925 | float | RD | _FFT_IL2_AVG[25] | A | Average, Harmonic, IL2 |
| 1927 | float | RD | _FFT_IL2_AVG[26] | A | Average, Harmonic, IL2 |
| 1929 | float | RD | _FFT_IL2_AVG[27] | A | Average, Harmonic, IL2 |
| 1931 | float | RD | _FFT_IL2_AVG[28] | A | Average, Harmonic, IL2 |
| 1933 | float | RD | _FFT_IL2_AVG[29] | A | Average, Harmonic, IL2 |
| 1935 | float | RD | _FFT_IL2_AVG[30] | A | Average, Harmonic, IL2 |
| 1937 | float | RD | _FFT_IL2_AVG[31] | A | Average, Harmonic, IL2 |
| 1939 | float | RD | _FFT_IL2_AVG[32] | A | Average, Harmonic, IL2 |
| 1941 | float | RD | _FFT_IL2_AVG[33] | A | Average, Harmonic, IL2 |
| 1943 | float | RD | _FFT_IL2_AVG[34] | A | Average, Harmonic, IL2 |
| 1945 | float | RD | _FFT_IL2_AVG[35] | A | Average, Harmonic, IL2 |
| 1947 | float | RD | _FFT_IL2_AVG[36] | A | Average, Harmonic, IL2 |
| 1949 | float | RD | _FFT_IL2_AVG[37] | A | Average, Harmonic, IL2 |
| 1951 | float | RD | _FFT_IL2_AVG[38] | A | Average, Harmonic, IL2 |
| 1953 | float | RD | _FFT_IL2_AVG[39] | A | Average, Harmonic, IL2 |
| 1955 | float | RD | _FFT_IL3_AVG[0] | A | Average, Harmonic, IL3 |
| 1957 | float | RD | _FFT_IL3_AVG[1] | A | Average, Harmonic, IL3 |
| 1959 | float | RD | _FFT_IL3_AVG[2] | A | Average, Harmonic, IL3 |
| 1961 | float | RD | _FFT_IL3_AVG[3] | A | Average, Harmonic, IL3 |
| 1963 | float | RD | _FFT_IL3_AVG[4] | A | Average, Harmonic, IL3 |
| 1965 | float | RD | _FFT_IL3_AVG[5] | A | Average, Harmonic, IL3 |
| 1967 | float | RD | _FFT_IL3_AVG[6] | A | Average, Harmonic, IL3 |
| 1969 | float | RD | _FFT_IL3_AVG[7] | A | Average, Harmonic, IL3 |
| 1971 | float | RD | _FFT_IL3_AVG[8] | A | Average, Harmonic, IL3 |
| 1973 | float | RD | _FFT_IL3_AVG[9] | A | Average, Harmonic, IL3 |
| 1975 | float | RD | _FFT_IL3_AVG[10] | A | Average, Harmonic, IL3 |
| 1977 | float | RD | _FFT_IL3_AVG[11] | A | Average, Harmonic, IL3 |
| 1979 | float | RD | _FFT_IL3_AVG[12] | A | Average, Harmonic, IL3 |
| 1981 | float | RD | _FFT_IL3_AVG[13] | A | Average, Harmonic, IL3 |
| 1983 | float | RD | _FFT_IL3_AVG[14] | A | Average, Harmonic, IL3 |
| 1985 | float | RD | _FFT_IL3_AVG[15] | A | Average, Harmonic, IL3 |
| 1987 | float | RD | _FFT_IL3_AVG[16] | A | Average, Harmonic, IL3 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 1989 | float | RD | _FFT_IL3_AVG[17] | A | Average, Harmonic, IL3 |
| 1991 | float | RD | _FFT_IL3_AVG[18] | A | Average, Harmonic, IL3 |
| 1993 | float | RD | _FFT_IL3_AVG[19] | A | Average, Harmonic, IL3 |
| 1995 | float | RD | _FFT_IL3_AVG[20] | A | Average, Harmonic, IL3 |
| 1997 | float | RD | _FFT_IL3_AVG[21] | A | Average, Harmonic, IL3 |
| 1999 | float | RD | _FFT_IL3_AVG[22] | A | Average, Harmonic, IL3 |
| 2001 | float | RD | _FFT_IL3_AVG[23] | A | Average, Harmonic, IL3 |
| 2003 | float | RD | _FFT_IL3_AVG[24] | A | Average, Harmonic, IL3 |
| 2005 | float | RD | _FFT_IL3_AVG[25] | A | Average, Harmonic, IL3 |
| 2007 | float | RD | _FFT_IL3_AVG[26] | A | Average, Harmonic, IL3 |
| 2009 | float | RD | _FFT_IL3_AVG[27] | A | Average, Harmonic, IL3 |
| 2011 | float | RD | _FFT_IL3_AVG[28] | A | Average, Harmonic, IL3 |
| 2013 | float | RD | _FFT_IL3_AVG[29] | A | Average, Harmonic, IL3 |
| 2015 | float | RD | _FFT_IL3_AVG[30] | A | Average, Harmonic, IL3 |
| 2017 | float | RD | _FFT_IL3_AVG[31] | A | Average, Harmonic, IL3 |
| 2019 | float | RD | _FFT_IL3_AVG[32] | A | Average, Harmonic, IL3 |
| 2021 | float | RD | _FFT_IL3_AVG[33] | A | Average, Harmonic, IL3 |
| 2023 | float | RD | _FFT_IL3_AVG[34] | A | Average, Harmonic, IL3 |
| 2025 | float | RD | _FFT_IL3_AVG[35] | A | Average, Harmonic, IL3 |
| 2027 | float | RD | _FFT_IL3_AVG[36] | A | Average, Harmonic, IL3 |
| 2029 | float | RD | _FFT_IL3_AVG[37] | A | Average, Harmonic, IL3 |
| 2031 | float | RD | _FFT_IL3_AVG[38] | A | Average, Harmonic, IL3 |
| 2033 | float | RD | _FFT_IL3_AVG[39] | A | Average, Harmonic, IL3 |
| 2035 | float | RD | _FFT_IL4_AVG[0] | A | Average, Harmonic, IL4 |
| 2037 | float | RD | _FFT_IL4_AVG[1] | A | Average, Harmonic, IL4 |
| 2039 | float | RD | _FFT_IL4_AVG[2] | A | Average, Harmonic, IL4 |
| 2041 | float | RD | _FFT_IL4_AVG[3] | A | Average, Harmonic, IL4 |
| 2043 | float | RD | _FFT_IL4_AVG[4] | A | Average, Harmonic, IL4 |
| 2045 | float | RD | _FFT_IL4_AVG[5] | A | Average, Harmonic, IL4 |
| 2047 | float | RD | _FFT_IL4_AVG[6] | A | Average, Harmonic, IL4 |
| 2049 | float | RD | _FFT_IL4_AVG[7] | A | Average, Harmonic, IL4 |
| 2051 | float | RD | _FFT_IL4_AVG[8] | A | Average, Harmonic, IL4 |
| 2053 | float | RD | _FFT_IL4_AVG[9] | A | Average, Harmonic, IL4 |
| 2055 | float | RD | _FFT_IL4_AVG[10] | A | Average, Harmonic, IL4 |
| 2057 | float | RD | _FFT_IL4_AVG[11] | A | Average, Harmonic, IL4 |
| 2059 | float | RD | _FFT_IL4_AVG[12] | A | Average, Harmonic, IL4 |
| 2061 | float | RD | _FFT_IL4_AVG[13] | A | Average, Harmonic, IL4 |
| 2063 | float | RD | _FFT_IL4_AVG[14] | A | Average, Harmonic, IL4 |
| 2065 | float | RD | _FFT_IL4_AVG[15] | A | Average, Harmonic, IL4 |
| 2067 | float | RD | _FFT_IL4_AVG[16] | A | Average, Harmonic, IL4 |
| 2069 | float | RD | _FFT_IL4_AVG[17] | A | Average, Harmonic, IL4 |
| 2071 | float | RD | _FFT_IL4_AVG[18] | A | Average, Harmonic, IL4 |
| 2073 | float | RD | _FFT_IL4_AVG[19] | A | Average, Harmonic, IL4 |
| 2075 | float | RD | _FFT_IL4_AVG[20] | A | Average, Harmonic, IL4 |
| 2077 | float | RD | _FFT_IL4_AVG[21] | A | Average, Harmonic, IL4 |
| 2079 | float | RD | _FFT_IL4_AVG[22] | A | Average, Harmonic, IL4 |
| 2081 | float | RD | _FFT_IL4_AVG[23] | A | Average, Harmonic, IL4 |
| 2083 | float | RD | _FFT_IL4_AVG[24] | A | Average, Harmonic, IL4 |
| 2085 | float | RD | _FFT_IL4_AVG[25] | A | Average, Harmonic, IL4 |
| 2087 | float | RD | _FFT_IL4_AVG[26] | A | Average, Harmonic, IL4 |
| 2089 | float | RD | _FFT_IL4_AVG[27] | A | Average, Harmonic, IL4 |
| 2091 | float | RD | _FFT_IL4_AVG[28] | A | Average, Harmonic, IL4 |
| 2093 | float | RD | _FFT_IL4_AVG[29] | A | Average, Harmonic, IL4 |
| 2095 | float | RD | _FFT_IL4_AVG[30] | A | Average, Harmonic, IL4 |
| 2097 | float | RD | _FFT_IL4_AVG[31] | A | Average, Harmonic, IL4 |
| 2099 | float | RD | _FFT_IL4_AVG[32] | A | Average, Harmonic, IL4 |
| 2101 | float | RD | _FFT_IL4_AVG[33] | A | Average, Harmonic, IL4 |
| 2103 | float | RD | _FFT_IL4_AVG[34] | A | Average, Harmonic, IL4 |
| 2105 | float | RD | _FFT_IL4_AVG[35] | A | Average, Harmonic, IL4 |
| 2107 | float | RD | _FFT_IL4_AVG[36] | A | Average, Harmonic, IL4 |
| 2109 | float | RD | _FFT_IL4_AVG[37] | A | Average, Harmonic, IL4 |
| 2111 | float | RD | _FFT_IL4_AVG[38] | A | Average, Harmonic, IL4 |
| 2113 | float | RD | _FFT_IL4_AVG[39] | A | Average, Harmonic, IL4 |
| 2115 | float | RD | _FFT_PL1_AVG[0] | W | Average, Harmonic, PL1 |
| 2117 | float | RD | _FFT_PL1_AVG[1] | W | Average, Harmonic, PL1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 2119 | float | RD | _FFT_PL1_AVG[2] | W | Average, Harmonic, PL1 |
| 2121 | float | RD | _FFT_PL1_AVG[3] | W | Average, Harmonic, PL1 |
| 2123 | float | RD | _FFT_PL1_AVG[4] | W | Average, Harmonic, PL1 |
| 2125 | float | RD | _FFT_PL1_AVG[5] | W | Average, Harmonic, PL1 |
| 2127 | float | RD | _FFT_PL1_AVG[6] | W | Average, Harmonic, PL1 |
| 2129 | float | RD | _FFT_PL1_AVG[7] | W | Average, Harmonic, PL1 |
| 2131 | float | RD | _FFT_PL1_AVG[8] | W | Average, Harmonic, PL1 |
| 2133 | float | RD | _FFT_PL1_AVG[9] | W | Average, Harmonic, PL1 |
| 2135 | float | RD | _FFT_PL1_AVG[10] | W | Average, Harmonic, PL1 |
| 2137 | float | RD | _FFT_PL1_AVG[11] | W | Average, Harmonic, PL1 |
| 2139 | float | RD | _FFT_PL1_AVG[12] | W | Average, Harmonic, PL1 |
| 2141 | float | RD | _FFT_PL1_AVG[13] | W | Average, Harmonic, PL1 |
| 2143 | float | RD | _FFT_PL1_AVG[14] | W | Average, Harmonic, PL1 |
| 2145 | float | RD | _FFT_PL1_AVG[15] | W | Average, Harmonic, PL1 |
| 2147 | float | RD | _FFT_PL1_AVG[16] | W | Average, Harmonic, PL1 |
| 2149 | float | RD | _FFT_PL1_AVG[17] | W | Average, Harmonic, PL1 |
| 2151 | float | RD | _FFT_PL1_AVG[18] | W | Average, Harmonic, PL1 |
| 2153 | float | RD | _FFT_PL1_AVG[19] | W | Average, Harmonic, PL1 |
| 2155 | float | RD | _FFT_PL1_AVG[20] | W | Average, Harmonic, PL1 |
| 2157 | float | RD | _FFT_PL1_AVG[21] | W | Average, Harmonic, PL1 |
| 2159 | float | RD | _FFT_PL1_AVG[22] | W | Average, Harmonic, PL1 |
| 2161 | float | RD | _FFT_PL1_AVG[23] | W | Average, Harmonic, PL1 |
| 2163 | float | RD | _FFT_PL1_AVG[24] | W | Average, Harmonic, PL1 |
| 2165 | float | RD | _FFT_PL1_AVG[25] | W | Average, Harmonic, PL1 |
| 2167 | float | RD | _FFT_PL1_AVG[26] | W | Average, Harmonic, PL1 |
| 2169 | float | RD | _FFT_PL1_AVG[27] | W | Average, Harmonic, PL1 |
| 2171 | float | RD | _FFT_PL1_AVG[28] | W | Average, Harmonic, PL1 |
| 2173 | float | RD | _FFT_PL1_AVG[29] | W | Average, Harmonic, PL1 |
| 2175 | float | RD | _FFT_PL1_AVG[30] | W | Average, Harmonic, PL1 |
| 2177 | float | RD | _FFT_PL1_AVG[31] | W | Average, Harmonic, PL1 |
| 2179 | float | RD | _FFT_PL1_AVG[32] | W | Average, Harmonic, PL1 |
| 2181 | float | RD | _FFT_PL1_AVG[33] | W | Average, Harmonic, PL1 |
| 2183 | float | RD | _FFT_PL1_AVG[34] | W | Average, Harmonic, PL1 |
| 2185 | float | RD | _FFT_PL1_AVG[35] | W | Average, Harmonic, PL1 |
| 2187 | float | RD | _FFT_PL1_AVG[36] | W | Average, Harmonic, PL1 |
| 2189 | float | RD | _FFT_PL1_AVG[37] | W | Average, Harmonic, PL1 |
| 2191 | float | RD | _FFT_PL1_AVG[38] | W | Average, Harmonic, PL1 |
| 2193 | float | RD | _FFT_PL1_AVG[39] | W | Average, Harmonic, PL1 |
| 2195 | float | RD | _FFT_PL2_AVG[0] | W | Average, Harmonic, PL2 |
| 2197 | float | RD | _FFT_PL2_AVG[1] | W | Average, Harmonic, PL2 |
| 2199 | float | RD | _FFT_PL2_AVG[2] | W | Average, Harmonic, PL2 |
| 2201 | float | RD | _FFT_PL2_AVG[3] | W | Average, Harmonic, PL2 |
| 2203 | float | RD | _FFT_PL2_AVG[4] | W | Average, Harmonic, PL2 |
| 2205 | float | RD | _FFT_PL2_AVG[5] | W | Average, Harmonic, PL2 |
| 2207 | float | RD | _FFT_PL2_AVG[6] | W | Average, Harmonic, PL2 |
| 2209 | float | RD | _FFT_PL2_AVG[7] | W | Average, Harmonic, PL2 |
| 2211 | float | RD | _FFT_PL2_AVG[8] | W | Average, Harmonic, PL2 |
| 2213 | float | RD | _FFT_PL2_AVG[9] | W | Average, Harmonic, PL2 |
| 2215 | float | RD | _FFT_PL2_AVG[10] | W | Average, Harmonic, PL2 |
| 2217 | float | RD | _FFT_PL2_AVG[11] | W | Average, Harmonic, PL2 |
| 2219 | float | RD | _FFT_PL2_AVG[12] | W | Average, Harmonic, PL2 |
| 2221 | float | RD | _FFT_PL2_AVG[13] | W | Average, Harmonic, PL2 |
| 2223 | float | RD | _FFT_PL2_AVG[14] | W | Average, Harmonic, PL2 |
| 2225 | float | RD | _FFT_PL2_AVG[15] | W | Average, Harmonic, PL2 |
| 2227 | float | RD | _FFT_PL2_AVG[16] | W | Average, Harmonic, PL2 |
| 2229 | float | RD | _FFT_PL2_AVG[17] | W | Average, Harmonic, PL2 |
| 2231 | float | RD | _FFT_PL2_AVG[18] | W | Average, Harmonic, PL2 |
| 2233 | float | RD | _FFT_PL2_AVG[19] | W | Average, Harmonic, PL2 |
| 2235 | float | RD | _FFT_PL2_AVG[20] | W | Average, Harmonic, PL2 |
| 2237 | float | RD | _FFT_PL2_AVG[21] | W | Average, Harmonic, PL2 |
| 2239 | float | RD | _FFT_PL2_AVG[22] | W | Average, Harmonic, PL2 |
| 2241 | float | RD | _FFT_PL2_AVG[23] | W | Average, Harmonic, PL2 |
| 2243 | float | RD | _FFT_PL2_AVG[24] | W | Average, Harmonic, PL2 |
| 2245 | float | RD | _FFT_PL2_AVG[25] | W | Average, Harmonic, PL2 |
| 2247 | float | RD | _FFT_PL2_AVG[26] | W | Average, Harmonic, PL2 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 2249 | float | RD | _FFT_PL2_AVG[27] | W | Average, Harmonic, PL2 |
| 2251 | float | RD | _FFT_PL2_AVG[28] | W | Average, Harmonic, PL2 |
| 2253 | float | RD | _FFT_PL2_AVG[29] | W | Average, Harmonic, PL2 |
| 2255 | float | RD | _FFT_PL2_AVG[30] | W | Average, Harmonic, PL2 |
| 2257 | float | RD | _FFT_PL2_AVG[31] | W | Average, Harmonic, PL2 |
| 2259 | float | RD | _FFT_PL2_AVG[32] | W | Average, Harmonic, PL2 |
| 2261 | float | RD | _FFT_PL2_AVG[33] | W | Average, Harmonic, PL2 |
| 2263 | float | RD | _FFT_PL2_AVG[34] | W | Average, Harmonic, PL2 |
| 2265 | float | RD | _FFT_PL2_AVG[35] | W | Average, Harmonic, PL2 |
| 2267 | float | RD | _FFT_PL2_AVG[36] | W | Average, Harmonic, PL2 |
| 2269 | float | RD | _FFT_PL2_AVG[37] | W | Average, Harmonic, PL2 |
| 2271 | float | RD | _FFT_PL2_AVG[38] | W | Average, Harmonic, PL2 |
| 2273 | float | RD | _FFT_PL2_AVG[39] | W | Average, Harmonic, PL2 |
| 2275 | float | RD | _FFT_PL3_AVG[0] | W | Average, Harmonic, PL3 |
| 2277 | float | RD | _FFT_PL3_AVG[1] | W | Average, Harmonic, PL3 |
| 2279 | float | RD | _FFT_PL3_AVG[2] | W | Average, Harmonic, PL3 |
| 2281 | float | RD | _FFT_PL3_AVG[3] | W | Average, Harmonic, PL3 |
| 2283 | float | RD | _FFT_PL3_AVG[4] | W | Average, Harmonic, PL3 |
| 2285 | float | RD | _FFT_PL3_AVG[5] | W | Average, Harmonic, PL3 |
| 2287 | float | RD | _FFT_PL3_AVG[6] | W | Average, Harmonic, PL3 |
| 2289 | float | RD | _FFT_PL3_AVG[7] | W | Average, Harmonic, PL3 |
| 2291 | float | RD | _FFT_PL3_AVG[8] | W | Average, Harmonic, PL3 |
| 2293 | float | RD | _FFT_PL3_AVG[9] | W | Average, Harmonic, PL3 |
| 2295 | float | RD | _FFT_PL3_AVG[10] | W | Average, Harmonic, PL3 |
| 2297 | float | RD | _FFT_PL3_AVG[11] | W | Average, Harmonic, PL3 |
| 2299 | float | RD | _FFT_PL3_AVG[12] | W | Average, Harmonic, PL3 |
| 2301 | float | RD | _FFT_PL3_AVG[13] | W | Average, Harmonic, PL3 |
| 2303 | float | RD | _FFT_PL3_AVG[14] | W | Average, Harmonic, PL3 |
| 2305 | float | RD | _FFT_PL3_AVG[15] | W | Average, Harmonic, PL3 |
| 2307 | float | RD | _FFT_PL3_AVG[16] | W | Average, Harmonic, PL3 |
| 2309 | float | RD | _FFT_PL3_AVG[17] | W | Average, Harmonic, PL3 |
| 2311 | float | RD | _FFT_PL3_AVG[18] | W | Average, Harmonic, PL3 |
| 2313 | float | RD | _FFT_PL3_AVG[19] | W | Average, Harmonic, PL3 |
| 2315 | float | RD | _FFT_PL3_AVG[20] | W | Average, Harmonic, PL3 |
| 2317 | float | RD | _FFT_PL3_AVG[21] | W | Average, Harmonic, PL3 |
| 2319 | float | RD | _FFT_PL3_AVG[22] | W | Average, Harmonic, PL3 |
| 2321 | float | RD | _FFT_PL3_AVG[23] | W | Average, Harmonic, PL3 |
| 2323 | float | RD | _FFT_PL3_AVG[24] | W | Average, Harmonic, PL3 |
| 2325 | float | RD | _FFT_PL3_AVG[25] | W | Average, Harmonic, PL3 |
| 2327 | float | RD | _FFT_PL3_AVG[26] | W | Average, Harmonic, PL3 |
| 2329 | float | RD | _FFT_PL3_AVG[27] | W | Average, Harmonic, PL3 |
| 2331 | float | RD | _FFT_PL3_AVG[28] | W | Average, Harmonic, PL3 |
| 2333 | float | RD | _FFT_PL3_AVG[29] | W | Average, Harmonic, PL3 |
| 2335 | float | RD | _FFT_PL3_AVG[30] | W | Average, Harmonic, PL3 |
| 2337 | float | RD | _FFT_PL3_AVG[31] | W | Average, Harmonic, PL3 |
| 2339 | float | RD | _FFT_PL3_AVG[32] | W | Average, Harmonic, PL3 |
| 2341 | float | RD | _FFT_PL3_AVG[33] | W | Average, Harmonic, PL3 |
| 2343 | float | RD | _FFT_PL3_AVG[34] | W | Average, Harmonic, PL3 |
| 2345 | float | RD | _FFT_PL3_AVG[35] | W | Average, Harmonic, PL3 |
| 2347 | float | RD | _FFT_PL3_AVG[36] | W | Average, Harmonic, PL3 |
| 2349 | float | RD | _FFT_PL3_AVG[37] | W | Average, Harmonic, PL3 |
| 2351 | float | RD | _FFT_PL3_AVG[38] | W | Average, Harmonic, PL3 |
| 2353 | float | RD | _FFT_PL3_AVG[39] | W | Average, Harmonic, PL3 |
| 2355 | float | RD | _FFT_PL4_AVG[0] | W | Average, Harmonic, PL4 |
| 2357 | float | RD | _FFT_PL4_AVG[1] | W | Average, Harmonic, PL4 |
| 2359 | float | RD | _FFT_PL4_AVG[2] | W | Average, Harmonic, PL4 |
| 2361 | float | RD | _FFT_PL4_AVG[3] | W | Average, Harmonic, PL4 |
| 2363 | float | RD | _FFT_PL4_AVG[4] | W | Average, Harmonic, PL4 |
| 2365 | float | RD | _FFT_PL4_AVG[5] | W | Average, Harmonic, PL4 |
| 2367 | float | RD | _FFT_PL4_AVG[6] | W | Average, Harmonic, PL4 |
| 2369 | float | RD | _FFT_PL4_AVG[7] | W | Average, Harmonic, PL4 |
| 2371 | float | RD | _FFT_PL4_AVG[8] | W | Average, Harmonic, PL4 |
| 2373 | float | RD | _FFT_PL4_AVG[9] | W | Average, Harmonic, PL4 |
| 2375 | float | RD | _FFT_PL4_AVG[10] | W | Average, Harmonic, PL4 |
| 2377 | float | RD | _FFT_PL4_AVG[11] | W | Average, Harmonic, PL4 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 2379 | float | RD | _FFT_PL4_AVG[12] | W | Average, Harmonic, PL4 |
| 2381 | float | RD | _FFT_PL4_AVG[13] | W | Average, Harmonic, PL4 |
| 2383 | float | RD | _FFT_PL4_AVG[14] | W | Average, Harmonic, PL4 |
| 2385 | float | RD | _FFT_PL4_AVG[15] | W | Average, Harmonic, PL4 |
| 2387 | float | RD | _FFT_PL4_AVG[16] | W | Average, Harmonic, PL4 |
| 2389 | float | RD | _FFT_PL4_AVG[17] | W | Average, Harmonic, PL4 |
| 2391 | float | RD | _FFT_PL4_AVG[18] | W | Average, Harmonic, PL4 |
| 2393 | float | RD | _FFT_PL4_AVG[19] | W | Average, Harmonic, PL4 |
| 2395 | float | RD | _FFT_PL4_AVG[20] | W | Average, Harmonic, PL4 |
| 2397 | float | RD | _FFT_PL4_AVG[21] | W | Average, Harmonic, PL4 |
| 2399 | float | RD | _FFT_PL4_AVG[22] | W | Average, Harmonic, PL4 |
| 2401 | float | RD | _FFT_PL4_AVG[23] | W | Average, Harmonic, PL4 |
| 2403 | float | RD | _FFT_PL4_AVG[24] | W | Average, Harmonic, PL4 |
| 2405 | float | RD | _FFT_PL4_AVG[25] | W | Average, Harmonic, PL4 |
| 2407 | float | RD | _FFT_PL4_AVG[26] | W | Average, Harmonic, PL4 |
| 2409 | float | RD | _FFT_PL4_AVG[27] | W | Average, Harmonic, PL4 |
| 2411 | float | RD | _FFT_PL4_AVG[28] | W | Average, Harmonic, PL4 |
| 2413 | float | RD | _FFT_PL4_AVG[29] | W | Average, Harmonic, PL4 |
| 2415 | float | RD | _FFT_PL4_AVG[30] | W | Average, Harmonic, PL4 |
| 2417 | float | RD | _FFT_PL4_AVG[31] | W | Average, Harmonic, PL4 |
| 2419 | float | RD | _FFT_PL4_AVG[32] | W | Average, Harmonic, PL4 |
| 2421 | float | RD | _FFT_PL4_AVG[33] | W | Average, Harmonic, PL4 |
| 2423 | float | RD | _FFT_PL4_AVG[34] | W | Average, Harmonic, PL4 |
| 2425 | float | RD | _FFT_PL4_AVG[35] | W | Average, Harmonic, PL4 |
| 2427 | float | RD | _FFT_PL4_AVG[36] | W | Average, Harmonic, PL4 |
| 2429 | float | RD | _FFT_PL4_AVG[37] | W | Average, Harmonic, PL4 |
| 2431 | float | RD | _FFT_PL4_AVG[38] | W | Average, Harmonic, PL4 |
| 2433 | float | RD | _FFT_PL4_AVG[39] | W | Average, Harmonic, PL4 |
| 2435 | float | RD | _FFT_QL1_AVG[0] | var | Average, Harmonic, QL1 |
| 2437 | float | RD | _FFT_QL1_AVG[1] | var | Average, Harmonic, QL1 |
| 2439 | float | RD | _FFT_QL1_AVG[2] | var | Average, Harmonic, QL1 |
| 2441 | float | RD | _FFT_QL1_AVG[3] | var | Average, Harmonic, QL1 |
| 2443 | float | RD | _FFT_QL1_AVG[4] | var | Average, Harmonic, QL1 |
| 2445 | float | RD | _FFT_QL1_AVG[5] | var | Average, Harmonic, QL1 |
| 2447 | float | RD | _FFT_QL1_AVG[6] | var | Average, Harmonic, QL1 |
| 2449 | float | RD | _FFT_QL1_AVG[7] | var | Average, Harmonic, QL1 |
| 2451 | float | RD | _FFT_QL1_AVG[8] | var | Average, Harmonic, QL1 |
| 2453 | float | RD | _FFT_QL1_AVG[9] | var | Average, Harmonic, QL1 |
| 2455 | float | RD | _FFT_QL1_AVG[10] | var | Average, Harmonic, QL1 |
| 2457 | float | RD | _FFT_QL1_AVG[11] | var | Average, Harmonic, QL1 |
| 2459 | float | RD | _FFT_QL1_AVG[12] | var | Average, Harmonic, QL1 |
| 2461 | float | RD | _FFT_QL1_AVG[13] | var | Average, Harmonic, QL1 |
| 2463 | float | RD | _FFT_QL1_AVG[14] | var | Average, Harmonic, QL1 |
| 2465 | float | RD | _FFT_QL1_AVG[15] | var | Average, Harmonic, QL1 |
| 2467 | float | RD | _FFT_QL1_AVG[16] | var | Average, Harmonic, QL1 |
| 2469 | float | RD | _FFT_QL1_AVG[17] | var | Average, Harmonic, QL1 |
| 2471 | float | RD | _FFT_QL1_AVG[18] | var | Average, Harmonic, QL1 |
| 2473 | float | RD | _FFT_QL1_AVG[19] | var | Average, Harmonic, QL1 |
| 2475 | float | RD | _FFT_QL1_AVG[20] | var | Average, Harmonic, QL1 |
| 2477 | float | RD | _FFT_QL1_AVG[21] | var | Average, Harmonic, QL1 |
| 2479 | float | RD | _FFT_QL1_AVG[22] | var | Average, Harmonic, QL1 |
| 2481 | float | RD | _FFT_QL1_AVG[23] | var | Average, Harmonic, QL1 |
| 2483 | float | RD | _FFT_QL1_AVG[24] | var | Average, Harmonic, QL1 |
| 2485 | float | RD | _FFT_QL1_AVG[25] | var | Average, Harmonic, QL1 |
| 2487 | float | RD | _FFT_QL1_AVG[26] | var | Average, Harmonic, QL1 |
| 2489 | float | RD | _FFT_QL1_AVG[27] | var | Average, Harmonic, QL1 |
| 2491 | float | RD | _FFT_QL1_AVG[28] | var | Average, Harmonic, QL1 |
| 2493 | float | RD | _FFT_QL1_AVG[29] | var | Average, Harmonic, QL1 |
| 2495 | float | RD | _FFT_QL1_AVG[30] | var | Average, Harmonic, QL1 |
| 2497 | float | RD | _FFT_QL1_AVG[31] | var | Average, Harmonic, QL1 |
| 2499 | float | RD | _FFT_QL1_AVG[32] | var | Average, Harmonic, QL1 |
| 2501 | float | RD | _FFT_QL1_AVG[33] | var | Average, Harmonic, QL1 |
| 2503 | float | RD | _FFT_QL1_AVG[34] | var | Average, Harmonic, QL1 |
| 2505 | float | RD | _FFT_QL1_AVG[35] | var | Average, Harmonic, QL1 |
| 2507 | float | RD | _FFT_QL1_AVG[36] | var | Average, Harmonic, QL1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 2509 | float | RD | _FFT_QL1_AVG[37] | var | Average, Harmonic, QL1 |
| 2511 | float | RD | _FFT_QL1_AVG[38] | var | Average, Harmonic, QL1 |
| 2513 | float | RD | _FFT_QL1_AVG[39] | var | Average, Harmonic, QL1 |
| 2515 | float | RD | _FFT_QL2_AVG[0] | var | Average, Harmonic, QL2 |
| 2517 | float | RD | _FFT_QL2_AVG[1] | var | Average, Harmonic, QL2 |
| 2519 | float | RD | _FFT_QL2_AVG[2] | var | Average, Harmonic, QL2 |
| 2521 | float | RD | _FFT_QL2_AVG[3] | var | Average, Harmonic, QL2 |
| 2523 | float | RD | _FFT_QL2_AVG[4] | var | Average, Harmonic, QL2 |
| 2525 | float | RD | _FFT_QL2_AVG[5] | var | Average, Harmonic, QL2 |
| 2527 | float | RD | _FFT_QL2_AVG[6] | var | Average, Harmonic, QL2 |
| 2529 | float | RD | _FFT_QL2_AVG[7] | var | Average, Harmonic, QL2 |
| 2531 | float | RD | _FFT_QL2_AVG[8] | var | Average, Harmonic, QL2 |
| 2533 | float | RD | _FFT_QL2_AVG[9] | var | Average, Harmonic, QL2 |
| 2535 | float | RD | _FFT_QL2_AVG[10] | var | Average, Harmonic, QL2 |
| 2537 | float | RD | _FFT_QL2_AVG[11] | var | Average, Harmonic, QL2 |
| 2539 | float | RD | _FFT_QL2_AVG[12] | var | Average, Harmonic, QL2 |
| 2541 | float | RD | _FFT_QL2_AVG[13] | var | Average, Harmonic, QL2 |
| 2543 | float | RD | _FFT_QL2_AVG[14] | var | Average, Harmonic, QL2 |
| 2545 | float | RD | _FFT_QL2_AVG[15] | var | Average, Harmonic, QL2 |
| 2547 | float | RD | _FFT_QL2_AVG[16] | var | Average, Harmonic, QL2 |
| 2549 | float | RD | _FFT_QL2_AVG[17] | var | Average, Harmonic, QL2 |
| 2551 | float | RD | _FFT_QL2_AVG[18] | var | Average, Harmonic, QL2 |
| 2553 | float | RD | _FFT_QL2_AVG[19] | var | Average, Harmonic, QL2 |
| 2555 | float | RD | _FFT_QL2_AVG[20] | var | Average, Harmonic, QL2 |
| 2557 | float | RD | _FFT_QL2_AVG[21] | var | Average, Harmonic, QL2 |
| 2559 | float | RD | _FFT_QL2_AVG[22] | var | Average, Harmonic, QL2 |
| 2561 | float | RD | _FFT_QL2_AVG[23] | var | Average, Harmonic, QL2 |
| 2563 | float | RD | _FFT_QL2_AVG[24] | var | Average, Harmonic, QL2 |
| 2565 | float | RD | _FFT_QL2_AVG[25] | var | Average, Harmonic, QL2 |
| 2567 | float | RD | _FFT_QL2_AVG[26] | var | Average, Harmonic, QL2 |
| 2569 | float | RD | _FFT_QL2_AVG[27] | var | Average, Harmonic, QL2 |
| 2571 | float | RD | _FFT_QL2_AVG[28] | var | Average, Harmonic, QL2 |
| 2573 | float | RD | _FFT_QL2_AVG[29] | var | Average, Harmonic, QL2 |
| 2575 | float | RD | _FFT_QL2_AVG[30] | var | Average, Harmonic, QL2 |
| 2577 | float | RD | _FFT_QL2_AVG[31] | var | Average, Harmonic, QL2 |
| 2579 | float | RD | _FFT_QL2_AVG[32] | var | Average, Harmonic, QL2 |
| 2581 | float | RD | _FFT_QL2_AVG[33] | var | Average, Harmonic, QL2 |
| 2583 | float | RD | _FFT_QL2_AVG[34] | var | Average, Harmonic, QL2 |
| 2585 | float | RD | _FFT_QL2_AVG[35] | var | Average, Harmonic, QL2 |
| 2587 | float | RD | _FFT_QL2_AVG[36] | var | Average, Harmonic, QL2 |
| 2589 | float | RD | _FFT_QL2_AVG[37] | var | Average, Harmonic, QL2 |
| 2591 | float | RD | _FFT_QL2_AVG[38] | var | Average, Harmonic, QL2 |
| 2593 | float | RD | _FFT_QL2_AVG[39] | var | Average, Harmonic, QL2 |
| 2595 | float | RD | _FFT_QL3_AVG[0] | var | Average, Harmonic, QL3 |
| 2597 | float | RD | _FFT_QL3_AVG[1] | var | Average, Harmonic, QL3 |
| 2599 | float | RD | _FFT_QL3_AVG[2] | var | Average, Harmonic, QL3 |
| 2601 | float | RD | _FFT_QL3_AVG[3] | var | Average, Harmonic, QL3 |
| 2603 | float | RD | _FFT_QL3_AVG[4] | var | Average, Harmonic, QL3 |
| 2605 | float | RD | _FFT_QL3_AVG[5] | var | Average, Harmonic, QL3 |
| 2607 | float | RD | _FFT_QL3_AVG[6] | var | Average, Harmonic, QL3 |
| 2609 | float | RD | _FFT_QL3_AVG[7] | var | Average, Harmonic, QL3 |
| 2611 | float | RD | _FFT_QL3_AVG[8] | var | Average, Harmonic, QL3 |
| 2613 | float | RD | _FFT_QL3_AVG[9] | var | Average, Harmonic, QL3 |
| 2615 | float | RD | _FFT_QL3_AVG[10] | var | Average, Harmonic, QL3 |
| 2617 | float | RD | _FFT_QL3_AVG[11] | var | Average, Harmonic, QL3 |
| 2619 | float | RD | _FFT_QL3_AVG[12] | var | Average, Harmonic, QL3 |
| 2621 | float | RD | _FFT_QL3_AVG[13] | var | Average, Harmonic, QL3 |
| 2623 | float | RD | _FFT_QL3_AVG[14] | var | Average, Harmonic, QL3 |
| 2625 | float | RD | _FFT_QL3_AVG[15] | var | Average, Harmonic, QL3 |
| 2627 | float | RD | _FFT_QL3_AVG[16] | var | Average, Harmonic, QL3 |
| 2629 | float | RD | _FFT_QL3_AVG[17] | var | Average, Harmonic, QL3 |
| 2631 | float | RD | _FFT_QL3_AVG[18] | var | Average, Harmonic, QL3 |
| 2633 | float | RD | _FFT_QL3_AVG[19] | var | Average, Harmonic, QL3 |
| 2635 | float | RD | _FFT_QL3_AVG[20] | var | Average, Harmonic, QL3 |
| 2637 | float | RD | _FFT_QL3_AVG[21] | var | Average, Harmonic, QL3 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 2639 | float | RD | _FFT_QL3_AVG[22] | var | Average, Harmonic, QL3 |
| 2641 | float | RD | _FFT_QL3_AVG[23] | var | Average, Harmonic, QL3 |
| 2643 | float | RD | _FFT_QL3_AVG[24] | var | Average, Harmonic, QL3 |
| 2645 | float | RD | _FFT_QL3_AVG[25] | var | Average, Harmonic, QL3 |
| 2647 | float | RD | _FFT_QL3_AVG[26] | var | Average, Harmonic, QL3 |
| 2649 | float | RD | _FFT_QL3_AVG[27] | var | Average, Harmonic, QL3 |
| 2651 | float | RD | _FFT_QL3_AVG[28] | var | Average, Harmonic, QL3 |
| 2653 | float | RD | _FFT_QL3_AVG[29] | var | Average, Harmonic, QL3 |
| 2655 | float | RD | _FFT_QL3_AVG[30] | var | Average, Harmonic, QL3 |
| 2657 | float | RD | _FFT_QL3_AVG[31] | var | Average, Harmonic, QL3 |
| 2659 | float | RD | _FFT_QL3_AVG[32] | var | Average, Harmonic, QL3 |
| 2661 | float | RD | _FFT_QL3_AVG[33] | var | Average, Harmonic, QL3 |
| 2663 | float | RD | _FFT_QL3_AVG[34] | var | Average, Harmonic, QL3 |
| 2665 | float | RD | _FFT_QL3_AVG[35] | var | Average, Harmonic, QL3 |
| 2667 | float | RD | _FFT_QL3_AVG[36] | var | Average, Harmonic, QL3 |
| 2669 | float | RD | _FFT_QL3_AVG[37] | var | Average, Harmonic, QL3 |
| 2671 | float | RD | _FFT_QL3_AVG[38] | var | Average, Harmonic, QL3 |
| 2673 | float | RD | _FFT_QL3_AVG[39] | var | Average, Harmonic, QL3 |
| 2675 | float | RD | _FFT_QL4_AVG[0] | var | Average, Harmonic, QL4 |
| 2677 | float | RD | _FFT_QL4_AVG[1] | var | Average, Harmonic, QL4 |
| 2679 | float | RD | _FFT_QL4_AVG[2] | var | Average, Harmonic, QL4 |
| 2681 | float | RD | _FFT_QL4_AVG[3] | var | Average, Harmonic, QL4 |
| 2683 | float | RD | _FFT_QL4_AVG[4] | var | Average, Harmonic, QL4 |
| 2685 | float | RD | _FFT_QL4_AVG[5] | var | Average, Harmonic, QL4 |
| 2687 | float | RD | _FFT_QL4_AVG[6] | var | Average, Harmonic, QL4 |
| 2689 | float | RD | _FFT_QL4_AVG[7] | var | Average, Harmonic, QL4 |
| 2691 | float | RD | _FFT_QL4_AVG[8] | var | Average, Harmonic, QL4 |
| 2693 | float | RD | _FFT_QL4_AVG[9] | var | Average, Harmonic, QL4 |
| 2695 | float | RD | _FFT_QL4_AVG[10] | var | Average, Harmonic, QL4 |
| 2697 | float | RD | _FFT_QL4_AVG[11] | var | Average, Harmonic, QL4 |
| 2699 | float | RD | _FFT_QL4_AVG[12] | var | Average, Harmonic, QL4 |
| 2701 | float | RD | _FFT_QL4_AVG[13] | var | Average, Harmonic, QL4 |
| 2703 | float | RD | _FFT_QL4_AVG[14] | var | Average, Harmonic, QL4 |
| 2705 | float | RD | _FFT_QL4_AVG[15] | var | Average, Harmonic, QL4 |
| 2707 | float | RD | _FFT_QL4_AVG[16] | var | Average, Harmonic, QL4 |
| 2709 | float | RD | _FFT_QL4_AVG[17] | var | Average, Harmonic, QL4 |
| 2711 | float | RD | _FFT_QL4_AVG[18] | var | Average, Harmonic, QL4 |
| 2713 | float | RD | _FFT_QL4_AVG[19] | var | Average, Harmonic, QL4 |
| 2715 | float | RD | _FFT_QL4_AVG[20] | var | Average, Harmonic, QL4 |
| 2717 | float | RD | _FFT_QL4_AVG[21] | var | Average, Harmonic, QL4 |
| 2719 | float | RD | _FFT_QL4_AVG[22] | var | Average, Harmonic, QL4 |
| 2721 | float | RD | _FFT_QL4_AVG[23] | var | Average, Harmonic, QL4 |
| 2723 | float | RD | _FFT_QL4_AVG[24] | var | Average, Harmonic, QL4 |
| 2725 | float | RD | _FFT_QL4_AVG[25] | var | Average, Harmonic, QL4 |
| 2727 | float | RD | _FFT_QL4_AVG[26] | var | Average, Harmonic, QL4 |
| 2729 | float | RD | _FFT_QL4_AVG[27] | var | Average, Harmonic, QL4 |
| 2731 | float | RD | _FFT_QL4_AVG[28] | var | Average, Harmonic, QL4 |
| 2733 | float | RD | _FFT_QL4_AVG[29] | var | Average, Harmonic, QL4 |
| 2735 | float | RD | _FFT_QL4_AVG[30] | var | Average, Harmonic, QL4 |
| 2737 | float | RD | _FFT_QL4_AVG[31] | var | Average, Harmonic, QL4 |
| 2739 | float | RD | _FFT_QL4_AVG[32] | var | Average, Harmonic, QL4 |
| 2741 | float | RD | _FFT_QL4_AVG[33] | var | Average, Harmonic, QL4 |
| 2743 | float | RD | _FFT_QL4_AVG[34] | var | Average, Harmonic, QL4 |
| 2745 | float | RD | _FFT_QL4_AVG[35] | var | Average, Harmonic, QL4 |
| 2747 | float | RD | _FFT_QL4_AVG[36] | var | Average, Harmonic, QL4 |
| 2749 | float | RD | _FFT_QL4_AVG[37] | var | Average, Harmonic, QL4 |
| 2751 | float | RD | _FFT_QL4_AVG[38] | var | Average, Harmonic, QL4 |
| 2753 | float | RD | _FFT_QL4_AVG[39] | var | Average, Harmonic, QL4 |

Minimum values, fourier analysis

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 2875 | float | RD/WR | _FFT_UL1_MIN[0] | V | Minimum, Harmonic, UL1 |
| 2877 | float | RD/WR | _FFT_UL1_MIN[1] | V | Minimum, Harmonic, UL1 |
| 2879 | float | RD/WR | _FFT_UL1_MIN[2] | V | Minimum, Harmonic, UL1 |
| 2881 | float | RD/WR | _FFT_UL1_MIN[3] | V | Minimum, Harmonic, UL1 |
| 2883 | float | RD/WR | _FFT_UL1_MIN[4] | V | Minimum, Harmonic, UL1 |
| 2885 | float | RD/WR | _FFT_UL1_MIN[5] | V | Minimum, Harmonic, UL1 |
| 2887 | float | RD/WR | _FFT_UL1_MIN[6] | V | Minimum, Harmonic, UL1 |
| 2889 | float | RD/WR | _FFT_UL1_MIN[7] | V | Minimum, Harmonic, UL1 |
| 2891 | float | RD/WR | _FFT_UL1_MIN[8] | V | Minimum, Harmonic, UL1 |
| 2893 | float | RD/WR | _FFT_UL1_MIN[9] | V | Minimum, Harmonic, UL1 |
| 2895 | float | RD/WR | _FFT_UL1_MIN[10] | V | Minimum, Harmonic, UL1 |
| 2897 | float | RD/WR | _FFT_UL1_MIN[11] | V | Minimum, Harmonic, UL1 |
| 2899 | float | RD/WR | _FFT_UL1_MIN[12] | V | Minimum, Harmonic, UL1 |
| 2901 | float | RD/WR | _FFT_UL1_MIN[13] | V | Minimum, Harmonic, UL1 |
| 2903 | float | RD/WR | _FFT_UL1_MIN[14] | V | Minimum, Harmonic, UL1 |
| 2905 | float | RD/WR | _FFT_UL1_MIN[15] | V | Minimum, Harmonic, UL1 |
| 2907 | float | RD/WR | _FFT_UL1_MIN[16] | V | Minimum, Harmonic, UL1 |
| 2909 | float | RD/WR | _FFT_UL1_MIN[17] | V | Minimum, Harmonic, UL1 |
| 2911 | float | RD/WR | _FFT_UL1_MIN[18] | V | Minimum, Harmonic, UL1 |
| 2913 | float | RD/WR | _FFT_UL1_MIN[19] | V | Minimum, Harmonic, UL1 |
| 2915 | float | RD/WR | _FFT_UL1_MIN[20] | V | Minimum, Harmonic, UL1 |
| 2917 | float | RD/WR | _FFT_UL1_MIN[21] | V | Minimum, Harmonic, UL1 |
| 2919 | float | RD/WR | _FFT_UL1_MIN[22] | V | Minimum, Harmonic, UL1 |
| 2921 | float | RD/WR | _FFT_UL1_MIN[23] | V | Minimum, Harmonic, UL1 |
| 2923 | float | RD/WR | _FFT_UL1_MIN[24] | V | Minimum, Harmonic, UL1 |
| 2925 | float | RD/WR | _FFT_UL1_MIN[25] | V | Minimum, Harmonic, UL1 |
| 2927 | float | RD/WR | _FFT_UL1_MIN[26] | V | Minimum, Harmonic, UL1 |
| 2929 | float | RD/WR | _FFT_UL1_MIN[27] | V | Minimum, Harmonic, UL1 |
| 2931 | float | RD/WR | _FFT_UL1_MIN[28] | V | Minimum, Harmonic, UL1 |
| 2933 | float | RD/WR | _FFT_UL1_MIN[29] | V | Minimum, Harmonic, UL1 |
| 2935 | float | RD/WR | _FFT_UL1_MIN[30] | V | Minimum, Harmonic, UL1 |
| 2937 | float | RD/WR | _FFT_UL1_MIN[31] | V | Minimum, Harmonic, UL1 |
| 2939 | float | RD/WR | _FFT_UL1_MIN[32] | V | Minimum, Harmonic, UL1 |
| 2941 | float | RD/WR | _FFT_UL1_MIN[33] | V | Minimum, Harmonic, UL1 |
| 2943 | float | RD/WR | _FFT_UL1_MIN[34] | V | Minimum, Harmonic, UL1 |
| 2945 | float | RD/WR | _FFT_UL1_MIN[35] | V | Minimum, Harmonic, UL1 |
| 2947 | float | RD/WR | _FFT_UL1_MIN[36] | V | Minimum, Harmonic, UL1 |
| 2949 | float | RD/WR | _FFT_UL1_MIN[37] | V | Minimum, Harmonic, UL1 |
| 2951 | float | RD/WR | _FFT_UL1_MIN[38] | V | Minimum, Harmonic, UL1 |
| 2953 | float | RD/WR | _FFT_UL1_MIN[39] | V | Minimum, Harmonic, UL1 |
| 2955 | float | RD/WR | _FFT_UL2_MIN[0] | V | Minimum, Harmonic, UL2 |
| 2957 | float | RD/WR | _FFT_UL2_MIN[1] | V | Minimum, Harmonic, UL2 |
| 2959 | float | RD/WR | _FFT_UL2_MIN[2] | V | Minimum, Harmonic, UL2 |
| 2961 | float | RD/WR | _FFT_UL2_MIN[3] | V | Minimum, Harmonic, UL2 |
| 2963 | float | RD/WR | _FFT_UL2_MIN[4] | V | Minimum, Harmonic, UL2 |
| 2965 | float | RD/WR | _FFT_UL2_MIN[5] | V | Minimum, Harmonic, UL2 |
| 2967 | float | RD/WR | _FFT_UL2_MIN[6] | V | Minimum, Harmonic, UL2 |
| 2969 | float | RD/WR | _FFT_UL2_MIN[7] | V | Minimum, Harmonic, UL2 |
| 2971 | float | RD/WR | _FFT_UL2_MIN[8] | V | Minimum, Harmonic, UL2 |
| 2973 | float | RD/WR | _FFT_UL2_MIN[9] | V | Minimum, Harmonic, UL2 |
| 2975 | float | RD/WR | _FFT_UL2_MIN[10] | V | Minimum, Harmonic, UL2 |
| 2977 | float | RD/WR | _FFT_UL2_MIN[11] | V | Minimum, Harmonic, UL2 |
| 2979 | float | RD/WR | _FFT_UL2_MIN[12] | V | Minimum, Harmonic, UL2 |
| 2981 | float | RD/WR | _FFT_UL2_MIN[13] | V | Minimum, Harmonic, UL2 |
| 2983 | float | RD/WR | _FFT_UL2_MIN[14] | V | Minimum, Harmonic, UL2 |
| 2985 | float | RD/WR | _FFT_UL2_MIN[15] | V | Minimum, Harmonic, UL2 |
| 2987 | float | RD/WR | _FFT_UL2_MIN[16] | V | Minimum, Harmonic, UL2 |
| 2989 | float | RD/WR | _FFT_UL2_MIN[17] | V | Minimum, Harmonic, UL2 |
| 2991 | float | RD/WR | _FFT_UL2_MIN[18] | V | Minimum, Harmonic, UL2 |
| 2993 | float | RD/WR | _FFT_UL2_MIN[19] | V | Minimum, Harmonic, UL2 |
| 2995 | float | RD/WR | _FFT_UL2_MIN[20] | V | Minimum, Harmonic, UL2 |
| 2997 | float | RD/WR | _FFT_UL2_MIN[21] | V | Minimum, Harmonic, UL2 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 2999 | float | RD/WR | _FFT_UL2_MIN[22] | V | Minimum, Harmonic, UL2 |
| 3001 | float | RD/WR | _FFT_UL2_MIN[23] | V | Minimum, Harmonic, UL2 |
| 3003 | float | RD/WR | _FFT_UL2_MIN[24] | V | Minimum, Harmonic, UL2 |
| 3005 | float | RD/WR | _FFT_UL2_MIN[25] | V | Minimum, Harmonic, UL2 |
| 3007 | float | RD/WR | _FFT_UL2_MIN[26] | V | Minimum, Harmonic, UL2 |
| 3009 | float | RD/WR | _FFT_UL2_MIN[27] | V | Minimum, Harmonic, UL2 |
| 3011 | float | RD/WR | _FFT_UL2_MIN[28] | V | Minimum, Harmonic, UL2 |
| 3013 | float | RD/WR | _FFT_UL2_MIN[29] | V | Minimum, Harmonic, UL2 |
| 3015 | float | RD/WR | _FFT_UL2_MIN[30] | V | Minimum, Harmonic, UL2 |
| 3017 | float | RD/WR | _FFT_UL2_MIN[31] | V | Minimum, Harmonic, UL2 |
| 3019 | float | RD/WR | _FFT_UL2_MIN[32] | V | Minimum, Harmonic, UL2 |
| 3021 | float | RD/WR | _FFT_UL2_MIN[33] | V | Minimum, Harmonic, UL2 |
| 3023 | float | RD/WR | _FFT_UL2_MIN[34] | V | Minimum, Harmonic, UL2 |
| 3025 | float | RD/WR | _FFT_UL2_MIN[35] | V | Minimum, Harmonic, UL2 |
| 3027 | float | RD/WR | _FFT_UL2_MIN[36] | V | Minimum, Harmonic, UL2 |
| 3029 | float | RD/WR | _FFT_UL2_MIN[37] | V | Minimum, Harmonic, UL2 |
| 3031 | float | RD/WR | _FFT_UL2_MIN[38] | V | Minimum, Harmonic, UL2 |
| 3033 | float | RD/WR | _FFT_UL2_MIN[39] | V | Minimum, Harmonic, UL2 |
| 3035 | float | RD/WR | _FFT_UL3_MIN[0] | V | Minimum, Harmonic, UL3 |
| 3037 | float | RD/WR | _FFT_UL3_MIN[1] | V | Minimum, Harmonic, UL3 |
| 3039 | float | RD/WR | _FFT_UL3_MIN[2] | V | Minimum, Harmonic, UL3 |
| 3041 | float | RD/WR | _FFT_UL3_MIN[3] | V | Minimum, Harmonic, UL3 |
| 3043 | float | RD/WR | _FFT_UL3_MIN[4] | V | Minimum, Harmonic, UL3 |
| 3045 | float | RD/WR | _FFT_UL3_MIN[5] | V | Minimum, Harmonic, UL3 |
| 3047 | float | RD/WR | _FFT_UL3_MIN[6] | V | Minimum, Harmonic, UL3 |
| 3049 | float | RD/WR | _FFT_UL3_MIN[7] | V | Minimum, Harmonic, UL3 |
| 3051 | float | RD/WR | _FFT_UL3_MIN[8] | V | Minimum, Harmonic, UL3 |
| 3053 | float | RD/WR | _FFT_UL3_MIN[9] | V | Minimum, Harmonic, UL3 |
| 3055 | float | RD/WR | _FFT_UL3_MIN[10] | V | Minimum, Harmonic, UL3 |
| 3057 | float | RD/WR | _FFT_UL3_MIN[11] | V | Minimum, Harmonic, UL3 |
| 3059 | float | RD/WR | _FFT_UL3_MIN[12] | V | Minimum, Harmonic, UL3 |
| 3061 | float | RD/WR | _FFT_UL3_MIN[13] | V | Minimum, Harmonic, UL3 |
| 3063 | float | RD/WR | _FFT_UL3_MIN[14] | V | Minimum, Harmonic, UL3 |
| 3065 | float | RD/WR | _FFT_UL3_MIN[15] | V | Minimum, Harmonic, UL3 |
| 3067 | float | RD/WR | _FFT_UL3_MIN[16] | V | Minimum, Harmonic, UL3 |
| 3069 | float | RD/WR | _FFT_UL3_MIN[17] | V | Minimum, Harmonic, UL3 |
| 3071 | float | RD/WR | _FFT_UL3_MIN[18] | V | Minimum, Harmonic, UL3 |
| 3073 | float | RD/WR | _FFT_UL3_MIN[19] | V | Minimum, Harmonic, UL3 |
| 3075 | float | RD/WR | _FFT_UL3_MIN[20] | V | Minimum, Harmonic, UL3 |
| 3077 | float | RD/WR | _FFT_UL3_MIN[21] | V | Minimum, Harmonic, UL3 |
| 3079 | float | RD/WR | _FFT_UL3_MIN[22] | V | Minimum, Harmonic, UL3 |
| 3081 | float | RD/WR | _FFT_UL3_MIN[23] | V | Minimum, Harmonic, UL3 |
| 3083 | float | RD/WR | _FFT_UL3_MIN[24] | V | Minimum, Harmonic, UL3 |
| 3085 | float | RD/WR | _FFT_UL3_MIN[25] | V | Minimum, Harmonic, UL3 |
| 3087 | float | RD/WR | _FFT_UL3_MIN[26] | V | Minimum, Harmonic, UL3 |
| 3089 | float | RD/WR | _FFT_UL3_MIN[27] | V | Minimum, Harmonic, UL3 |
| 3091 | float | RD/WR | _FFT_UL3_MIN[28] | V | Minimum, Harmonic, UL3 |
| 3093 | float | RD/WR | _FFT_UL3_MIN[29] | V | Minimum, Harmonic, UL3 |
| 3095 | float | RD/WR | _FFT_UL3_MIN[30] | V | Minimum, Harmonic, UL3 |
| 3097 | float | RD/WR | _FFT_UL3_MIN[31] | V | Minimum, Harmonic, UL3 |
| 3099 | float | RD/WR | _FFT_UL3_MIN[32] | V | Minimum, Harmonic, UL3 |
| 3101 | float | RD/WR | _FFT_UL3_MIN[33] | V | Minimum, Harmonic, UL3 |
| 3103 | float | RD/WR | _FFT_UL3_MIN[34] | V | Minimum, Harmonic, UL3 |
| 3105 | float | RD/WR | _FFT_UL3_MIN[35] | V | Minimum, Harmonic, UL3 |
| 3107 | float | RD/WR | _FFT_UL3_MIN[36] | V | Minimum, Harmonic, UL3 |
| 3109 | float | RD/WR | _FFT_UL3_MIN[37] | V | Minimum, Harmonic, UL3 |
| 3111 | float | RD/WR | _FFT_UL3_MIN[38] | V | Minimum, Harmonic, UL3 |
| 3113 | float | RD/WR | _FFT_UL3_MIN[39] | V | Minimum, Harmonic, UL3 |
| 3115 | float | RD/WR | _FFT_UL4_MIN[0] | V | Minimum, Harmonic, UL4 |
| 3117 | float | RD/WR | _FFT_UL4_MIN[1] | V | Minimum, Harmonic, UL4 |
| 3119 | float | RD/WR | _FFT_UL4_MIN[2] | V | Minimum, Harmonic, UL4 |
| 3121 | float | RD/WR | _FFT_UL4_MIN[3] | V | Minimum, Harmonic, UL4 |
| 3123 | float | RD/WR | _FFT_UL4_MIN[4] | V | Minimum, Harmonic, UL4 |
| 3125 | float | RD/WR | _FFT_UL4_MIN[5] | V | Minimum, Harmonic, UL4 |
| 3127 | float | RD/WR | _FFT_UL4_MIN[6] | V | Minimum, Harmonic, UL4 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 3129 | float | RD/WR | _FFT_UL4_MIN[7] | V | Minimum, Harmonic, UL4 |
| 3131 | float | RD/WR | _FFT_UL4_MIN[8] | V | Minimum, Harmonic, UL4 |
| 3133 | float | RD/WR | _FFT_UL4_MIN[9] | V | Minimum, Harmonic, UL4 |
| 3135 | float | RD/WR | _FFT_UL4_MIN[10] | V | Minimum, Harmonic, UL4 |
| 3137 | float | RD/WR | _FFT_UL4_MIN[11] | V | Minimum, Harmonic, UL4 |
| 3139 | float | RD/WR | _FFT_UL4_MIN[12] | V | Minimum, Harmonic, UL4 |
| 3141 | float | RD/WR | _FFT_UL4_MIN[13] | V | Minimum, Harmonic, UL4 |
| 3143 | float | RD/WR | _FFT_UL4_MIN[14] | V | Minimum, Harmonic, UL4 |
| 3145 | float | RD/WR | _FFT_UL4_MIN[15] | V | Minimum, Harmonic, UL4 |
| 3147 | float | RD/WR | _FFT_UL4_MIN[16] | V | Minimum, Harmonic, UL4 |
| 3149 | float | RD/WR | _FFT_UL4_MIN[17] | V | Minimum, Harmonic, UL4 |
| 3151 | float | RD/WR | _FFT_UL4_MIN[18] | V | Minimum, Harmonic, UL4 |
| 3153 | float | RD/WR | _FFT_UL4_MIN[19] | V | Minimum, Harmonic, UL4 |
| 3155 | float | RD/WR | _FFT_UL4_MIN[20] | V | Minimum, Harmonic, UL4 |
| 3157 | float | RD/WR | _FFT_UL4_MIN[21] | V | Minimum, Harmonic, UL4 |
| 3159 | float | RD/WR | _FFT_UL4_MIN[22] | V | Minimum, Harmonic, UL4 |
| 3161 | float | RD/WR | _FFT_UL4_MIN[23] | V | Minimum, Harmonic, UL4 |
| 3163 | float | RD/WR | _FFT_UL4_MIN[24] | V | Minimum, Harmonic, UL4 |
| 3165 | float | RD/WR | _FFT_UL4_MIN[25] | V | Minimum, Harmonic, UL4 |
| 3167 | float | RD/WR | _FFT_UL4_MIN[26] | V | Minimum, Harmonic, UL4 |
| 3169 | float | RD/WR | _FFT_UL4_MIN[27] | V | Minimum, Harmonic, UL4 |
| 3171 | float | RD/WR | _FFT_UL4_MIN[28] | V | Minimum, Harmonic, UL4 |
| 3173 | float | RD/WR | _FFT_UL4_MIN[29] | V | Minimum, Harmonic, UL4 |
| 3175 | float | RD/WR | _FFT_UL4_MIN[30] | V | Minimum, Harmonic, UL4 |
| 3177 | float | RD/WR | _FFT_UL4_MIN[31] | V | Minimum, Harmonic, UL4 |
| 3179 | float | RD/WR | _FFT_UL4_MIN[32] | V | Minimum, Harmonic, UL4 |
| 3181 | float | RD/WR | _FFT_UL4_MIN[33] | V | Minimum, Harmonic, UL4 |
| 3183 | float | RD/WR | _FFT_UL4_MIN[34] | V | Minimum, Harmonic, UL4 |
| 3185 | float | RD/WR | _FFT_UL4_MIN[35] | V | Minimum, Harmonic, UL4 |
| 3187 | float | RD/WR | _FFT_UL4_MIN[36] | V | Minimum, Harmonic, UL4 |
| 3189 | float | RD/WR | _FFT_UL4_MIN[37] | V | Minimum, Harmonic, UL4 |
| 3191 | float | RD/WR | _FFT_UL4_MIN[38] | V | Minimum, Harmonic, UL4 |
| 3193 | float | RD/WR | _FFT_UL4_MIN[39] | V | Minimum, Harmonic, UL4 |

Maximum values, fourier analysis

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 3229 | float | RD/WR | _FFT_UL1_MAX[0] | V | Maximum, harmonic, UL1 |
| 3231 | float | RD/WR | _FFT_UL1_MAX[1] | V | Maximum, harmonic, UL1 |
| 3233 | float | RD/WR | _FFT_UL1_MAX[2] | V | Maximum, harmonic, UL1 |
| 3235 | float | RD/WR | _FFT_UL1_MAX[3] | V | Maximum, harmonic, UL1 |
| 3237 | float | RD/WR | _FFT_UL1_MAX[4] | V | Maximum, harmonic, UL1 |
| 3239 | float | RD/WR | _FFT_UL1_MAX[5] | V | Maximum, harmonic, UL1 |
| 3241 | float | RD/WR | _FFT_UL1_MAX[6] | V | Maximum, harmonic, UL1 |
| 3243 | float | RD/WR | _FFT_UL1_MAX[7] | V | Maximum, harmonic, UL1 |
| 3245 | float | RD/WR | _FFT_UL1_MAX[8] | V | Maximum, harmonic, UL1 |
| 3247 | float | RD/WR | _FFT_UL1_MAX[9] | V | Maximum, harmonic, UL1 |
| 3249 | float | RD/WR | _FFT_UL1_MAX[10] | V | Maximum, harmonic, UL1 |
| 3251 | float | RD/WR | _FFT_UL1_MAX[11] | V | Maximum, harmonic, UL1 |
| 3253 | float | RD/WR | _FFT_UL1_MAX[12] | V | Maximum, harmonic, UL1 |
| 3255 | float | RD/WR | _FFT_UL1_MAX[13] | V | Maximum, harmonic, UL1 |
| 3257 | float | RD/WR | _FFT_UL1_MAX[14] | V | Maximum, harmonic, UL1 |
| 3259 | float | RD/WR | _FFT_UL1_MAX[15] | V | Maximum, harmonic, UL1 |
| 3261 | float | RD/WR | _FFT_UL1_MAX[16] | V | Maximum, harmonic, UL1 |
| 3263 | float | RD/WR | _FFT_UL1_MAX[17] | V | Maximum, harmonic, UL1 |
| 3265 | float | RD/WR | _FFT_UL1_MAX[18] | V | Maximum, harmonic, UL1 |
| 3267 | float | RD/WR | _FFT_UL1_MAX[19] | V | Maximum, harmonic, UL1 |
| 3269 | float | RD/WR | _FFT_UL1_MAX[20] | V | Maximum, harmonic, UL1 |
| 3271 | float | RD/WR | _FFT_UL1_MAX[21] | V | Maximum, harmonic, UL1 |
| 3273 | float | RD/WR | _FFT_UL1_MAX[22] | V | Maximum, harmonic, UL1 |
| 3275 | float | RD/WR | _FFT_UL1_MAX[23] | V | Maximum, harmonic, UL1 |
| 3277 | float | RD/WR | _FFT_UL1_MAX[24] | V | Maximum, harmonic, UL1 |
| 3279 | float | RD/WR | _FFT_UL1_MAX[25] | V | Maximum, harmonic, UL1 |
| 3281 | float | RD/WR | _FFT_UL1_MAX[26] | V | Maximum, harmonic, UL1 |
| 3283 | float | RD/WR | _FFT_UL1_MAX[27] | V | Maximum, harmonic, UL1 |
| 3285 | float | RD/WR | _FFT_UL1_MAX[28] | V | Maximum, harmonic, UL1 |
| 3287 | float | RD/WR | _FFT_UL1_MAX[29] | V | Maximum, harmonic, UL1 |
| 3289 | float | RD/WR | _FFT_UL1_MAX[30] | V | Maximum, harmonic, UL1 |
| 3291 | float | RD/WR | _FFT_UL1_MAX[31] | V | Maximum, harmonic, UL1 |
| 3293 | float | RD/WR | _FFT_UL1_MAX[32] | V | Maximum, harmonic, UL1 |
| 3295 | float | RD/WR | _FFT_UL1_MAX[33] | V | Maximum, harmonic, UL1 |
| 3297 | float | RD/WR | _FFT_UL1_MAX[34] | V | Maximum, harmonic, UL1 |
| 3299 | float | RD/WR | _FFT_UL1_MAX[35] | V | Maximum, harmonic, UL1 |
| 3301 | float | RD/WR | _FFT_UL1_MAX[36] | V | Maximum, harmonic, UL1 |
| 3303 | float | RD/WR | _FFT_UL1_MAX[37] | V | Maximum, harmonic, UL1 |
| 3305 | float | RD/WR | _FFT_UL1_MAX[38] | V | Maximum, harmonic, UL1 |
| 3307 | float | RD/WR | _FFT_UL1_MAX[39] | V | Maximum, harmonic, UL1 |
| 3309 | float | RD/WR | _FFT_UL2_MAX[0] | V | Maximum, harmonic, UL2 |
| 3311 | float | RD/WR | _FFT_UL2_MAX[1] | V | Maximum, harmonic, UL2 |
| 3313 | float | RD/WR | _FFT_UL2_MAX[2] | V | Maximum, harmonic, UL2 |
| 3315 | float | RD/WR | _FFT_UL2_MAX[3] | V | Maximum, harmonic, UL2 |
| 3317 | float | RD/WR | _FFT_UL2_MAX[4] | V | Maximum, harmonic, UL2 |
| 3319 | float | RD/WR | _FFT_UL2_MAX[5] | V | Maximum, harmonic, UL2 |
| 3321 | float | RD/WR | _FFT_UL2_MAX[6] | V | Maximum, harmonic, UL2 |
| 3323 | float | RD/WR | _FFT_UL2_MAX[7] | V | Maximum, harmonic, UL2 |
| 3325 | float | RD/WR | _FFT_UL2_MAX[8] | V | Maximum, harmonic, UL2 |
| 3327 | float | RD/WR | _FFT_UL2_MAX[9] | V | Maximum, harmonic, UL2 |
| 3329 | float | RD/WR | _FFT_UL2_MAX[10] | V | Maximum, harmonic, UL2 |
| 3331 | float | RD/WR | _FFT_UL2_MAX[11] | V | Maximum, harmonic, UL2 |
| 3333 | float | RD/WR | _FFT_UL2_MAX[12] | V | Maximum, harmonic, UL2 |
| 3335 | float | RD/WR | _FFT_UL2_MAX[13] | V | Maximum, harmonic, UL2 |
| 3337 | float | RD/WR | _FFT_UL2_MAX[14] | V | Maximum, harmonic, UL2 |
| 3339 | float | RD/WR | _FFT_UL2_MAX[15] | V | Maximum, harmonic, UL2 |
| 3341 | float | RD/WR | _FFT_UL2_MAX[16] | V | Maximum, harmonic, UL2 |
| 3343 | float | RD/WR | _FFT_UL2_MAX[17] | V | Maximum, harmonic, UL2 |
| 3345 | float | RD/WR | _FFT_UL2_MAX[18] | V | Maximum, harmonic, UL2 |
| 3347 | float | RD/WR | _FFT_UL2_MAX[19] | V | Maximum, harmonic, UL2 |
| 3349 | float | RD/WR | _FFT_UL2_MAX[20] | V | Maximum, harmonic, UL2 |
| 3351 | float | RD/WR | _FFT_UL2_MAX[21] | V | Maximum, harmonic, UL2 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 3353 | float | RD/WR | _FFT_UL2_MAX[22] | V | Maximum, harmonic, UL2 |
| 3355 | float | RD/WR | _FFT_UL2_MAX[23] | V | Maximum, harmonic, UL2 |
| 3357 | float | RD/WR | _FFT_UL2_MAX[24] | V | Maximum, harmonic, UL2 |
| 3359 | float | RD/WR | _FFT_UL2_MAX[25] | V | Maximum, harmonic, UL2 |
| 3361 | float | RD/WR | _FFT_UL2_MAX[26] | V | Maximum, harmonic, UL2 |
| 3363 | float | RD/WR | _FFT_UL2_MAX[27] | V | Maximum, harmonic, UL2 |
| 3365 | float | RD/WR | _FFT_UL2_MAX[28] | V | Maximum, harmonic, UL2 |
| 3367 | float | RD/WR | _FFT_UL2_MAX[29] | V | Maximum, harmonic, UL2 |
| 3369 | float | RD/WR | _FFT_UL2_MAX[30] | V | Maximum, harmonic, UL2 |
| 3371 | float | RD/WR | _FFT_UL2_MAX[31] | V | Maximum, harmonic, UL2 |
| 3373 | float | RD/WR | _FFT_UL2_MAX[32] | V | Maximum, harmonic, UL2 |
| 3375 | float | RD/WR | _FFT_UL2_MAX[33] | V | Maximum, harmonic, UL2 |
| 3377 | float | RD/WR | _FFT_UL2_MAX[34] | V | Maximum, harmonic, UL2 |
| 3379 | float | RD/WR | _FFT_UL2_MAX[35] | V | Maximum, harmonic, UL2 |
| 3381 | float | RD/WR | _FFT_UL2_MAX[36] | V | Maximum, harmonic, UL2 |
| 3383 | float | RD/WR | _FFT_UL2_MAX[37] | V | Maximum, harmonic, UL2 |
| 3385 | float | RD/WR | _FFT_UL2_MAX[38] | V | Maximum, harmonic, UL2 |
| 3387 | float | RD/WR | _FFT_UL2_MAX[39] | V | Maximum, harmonic, UL2 |
| 3389 | float | RD/WR | _FFT_UL3_MAX[0] | V | Maximum, harmonic, UL3 |
| 3391 | float | RD/WR | _FFT_UL3_MAX[1] | V | Maximum, harmonic, UL3 |
| 3393 | float | RD/WR | _FFT_UL3_MAX[2] | V | Maximum, harmonic, UL3 |
| 3395 | float | RD/WR | _FFT_UL3_MAX[3] | V | Maximum, harmonic, UL3 |
| 3397 | float | RD/WR | _FFT_UL3_MAX[4] | V | Maximum, harmonic, UL3 |
| 3399 | float | RD/WR | _FFT_UL3_MAX[5] | V | Maximum, harmonic, UL3 |
| 3401 | float | RD/WR | _FFT_UL3_MAX[6] | V | Maximum, harmonic, UL3 |
| 3403 | float | RD/WR | _FFT_UL3_MAX[7] | V | Maximum, harmonic, UL3 |
| 3405 | float | RD/WR | _FFT_UL3_MAX[8] | V | Maximum, harmonic, UL3 |
| 3407 | float | RD/WR | _FFT_UL3_MAX[9] | V | Maximum, harmonic, UL3 |
| 3409 | float | RD/WR | _FFT_UL3_MAX[10] | V | Maximum, harmonic, UL3 |
| 3411 | float | RD/WR | _FFT_UL3_MAX[11] | V | Maximum, harmonic, UL3 |
| 3413 | float | RD/WR | _FFT_UL3_MAX[12] | V | Maximum, harmonic, UL3 |
| 3415 | float | RD/WR | _FFT_UL3_MAX[13] | V | Maximum, harmonic, UL3 |
| 3417 | float | RD/WR | _FFT_UL3_MAX[14] | V | Maximum, harmonic, UL3 |
| 3419 | float | RD/WR | _FFT_UL3_MAX[15] | V | Maximum, harmonic, UL3 |
| 3421 | float | RD/WR | _FFT_UL3_MAX[16] | V | Maximum, harmonic, UL3 |
| 3423 | float | RD/WR | _FFT_UL3_MAX[17] | V | Maximum, harmonic, UL3 |
| 3425 | float | RD/WR | _FFT_UL3_MAX[18] | V | Maximum, harmonic, UL3 |
| 3427 | float | RD/WR | _FFT_UL3_MAX[19] | V | Maximum, harmonic, UL3 |
| 3429 | float | RD/WR | _FFT_UL3_MAX[20] | V | Maximum, harmonic, UL3 |
| 3431 | float | RD/WR | _FFT_UL3_MAX[21] | V | Maximum, harmonic, UL3 |
| 3433 | float | RD/WR | _FFT_UL3_MAX[22] | V | Maximum, harmonic, UL3 |
| 3435 | float | RD/WR | _FFT_UL3_MAX[23] | V | Maximum, harmonic, UL3 |
| 3437 | float | RD/WR | _FFT_UL3_MAX[24] | V | Maximum, harmonic, UL3 |
| 3439 | float | RD/WR | _FFT_UL3_MAX[25] | V | Maximum, harmonic, UL3 |
| 3441 | float | RD/WR | _FFT_UL3_MAX[26] | V | Maximum, harmonic, UL3 |
| 3443 | float | RD/WR | _FFT_UL3_MAX[27] | V | Maximum, harmonic, UL3 |
| 3445 | float | RD/WR | _FFT_UL3_MAX[28] | V | Maximum, harmonic, UL3 |
| 3447 | float | RD/WR | _FFT_UL3_MAX[29] | V | Maximum, harmonic, UL3 |
| 3449 | float | RD/WR | _FFT_UL3_MAX[30] | V | Maximum, harmonic, UL3 |
| 3451 | float | RD/WR | _FFT_UL3_MAX[31] | V | Maximum, harmonic, UL3 |
| 3453 | float | RD/WR | _FFT_UL3_MAX[32] | V | Maximum, harmonic, UL3 |
| 3455 | float | RD/WR | _FFT_UL3_MAX[33] | V | Maximum, harmonic, UL3 |
| 3457 | float | RD/WR | _FFT_UL3_MAX[34] | V | Maximum, harmonic, UL3 |
| 3459 | float | RD/WR | _FFT_UL3_MAX[35] | V | Maximum, harmonic, UL3 |
| 3461 | float | RD/WR | _FFT_UL3_MAX[36] | V | Maximum, harmonic, UL3 |
| 3463 | float | RD/WR | _FFT_UL3_MAX[37] | V | Maximum, harmonic, UL3 |
| 3465 | float | RD/WR | _FFT_UL3_MAX[38] | V | Maximum, harmonic, UL3 |
| 3467 | float | RD/WR | _FFT_UL3_MAX[39] | V | Maximum, harmonic, UL3 |
| 3469 | float | RD/WR | _FFT_UL4_MAX[0] | V | Maximum, harmonic, UL4 |
| 3471 | float | RD/WR | _FFT_UL4_MAX[1] | V | Maximum, harmonic, UL4 |
| 3473 | float | RD/WR | _FFT_UL4_MAX[2] | V | Maximum, harmonic, UL4 |
| 3475 | float | RD/WR | _FFT_UL4_MAX[3] | V | Maximum, harmonic, UL4 |
| 3477 | float | RD/WR | _FFT_UL4_MAX[4] | V | Maximum, harmonic, UL4 |
| 3479 | float | RD/WR | _FFT_UL4_MAX[5] | V | Maximum, harmonic, UL4 |
| 3481 | float | RD/WR | _FFT_UL4_MAX[6] | V | Maximum, harmonic, UL4 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 3483 | float | RD/WR | _FFT_UL4_MAX[7] | V | Maximum, harmonic, UL4 |
| 3485 | float | RD/WR | _FFT_UL4_MAX[8] | V | Maximum, harmonic, UL4 |
| 3487 | float | RD/WR | _FFT_UL4_MAX[9] | V | Maximum, harmonic, UL4 |
| 3489 | float | RD/WR | _FFT_UL4_MAX[10] | V | Maximum, harmonic, UL4 |
| 3491 | float | RD/WR | _FFT_UL4_MAX[11] | V | Maximum, harmonic, UL4 |
| 3493 | float | RD/WR | _FFT_UL4_MAX[12] | V | Maximum, harmonic, UL4 |
| 3495 | float | RD/WR | _FFT_UL4_MAX[13] | V | Maximum, harmonic, UL4 |
| 3497 | float | RD/WR | _FFT_UL4_MAX[14] | V | Maximum, harmonic, UL4 |
| 3499 | float | RD/WR | _FFT_UL4_MAX[15] | V | Maximum, harmonic, UL4 |
| 3501 | float | RD/WR | _FFT_UL4_MAX[16] | V | Maximum, harmonic, UL4 |
| 3503 | float | RD/WR | _FFT_UL4_MAX[17] | V | Maximum, harmonic, UL4 |
| 3505 | float | RD/WR | _FFT_UL4_MAX[18] | V | Maximum, harmonic, UL4 |
| 3507 | float | RD/WR | _FFT_UL4_MAX[19] | V | Maximum, harmonic, UL4 |
| 3509 | float | RD/WR | _FFT_UL4_MAX[20] | V | Maximum, harmonic, UL4 |
| 3511 | float | RD/WR | _FFT_UL4_MAX[21] | V | Maximum, harmonic, UL4 |
| 3513 | float | RD/WR | _FFT_UL4_MAX[22] | V | Maximum, harmonic, UL4 |
| 3515 | float | RD/WR | _FFT_UL4_MAX[23] | V | Maximum, harmonic, UL4 |
| 3517 | float | RD/WR | _FFT_UL4_MAX[24] | V | Maximum, harmonic, UL4 |
| 3519 | float | RD/WR | _FFT_UL4_MAX[25] | V | Maximum, harmonic, UL4 |
| 3521 | float | RD/WR | _FFT_UL4_MAX[26] | V | Maximum, harmonic, UL4 |
| 3523 | float | RD/WR | _FFT_UL4_MAX[27] | V | Maximum, harmonic, UL4 |
| 3525 | float | RD/WR | _FFT_UL4_MAX[28] | V | Maximum, harmonic, UL4 |
| 3527 | float | RD/WR | _FFT_UL4_MAX[29] | V | Maximum, harmonic, UL4 |
| 3529 | float | RD/WR | _FFT_UL4_MAX[30] | V | Maximum, harmonic, UL4 |
| 3531 | float | RD/WR | _FFT_UL4_MAX[31] | V | Maximum, harmonic, UL4 |
| 3533 | float | RD/WR | _FFT_UL4_MAX[32] | V | Maximum, harmonic, UL4 |
| 3535 | float | RD/WR | _FFT_UL4_MAX[33] | V | Maximum, harmonic, UL4 |
| 3537 | float | RD/WR | _FFT_UL4_MAX[34] | V | Maximum, harmonic, UL4 |
| 3539 | float | RD/WR | _FFT_UL4_MAX[35] | V | Maximum, harmonic, UL4 |
| 3541 | float | RD/WR | _FFT_UL4_MAX[36] | V | Maximum, harmonic, UL4 |
| 3543 | float | RD/WR | _FFT_UL4_MAX[37] | V | Maximum, harmonic, UL4 |
| 3545 | float | RD/WR | _FFT_UL4_MAX[38] | V | Maximum, harmonic, UL4 |
| 3547 | float | RD/WR | _FFT_UL4_MAX[39] | V | Maximum, harmonic, UL4 |
| 3549 | float | RD/WR | _FFT_IL1_MAX[0] | A | Maximum, harmonic, IL1 |
| 3551 | float | RD/WR | _FFT_IL1_MAX[1] | A | Maximum, harmonic, IL1 |
| 3553 | float | RD/WR | _FFT_IL1_MAX[2] | A | Maximum, harmonic, IL1 |
| 3555 | float | RD/WR | _FFT_IL1_MAX[3] | A | Maximum, harmonic, IL1 |
| 3557 | float | RD/WR | _FFT_IL1_MAX[4] | A | Maximum, harmonic, IL1 |
| 3559 | float | RD/WR | _FFT_IL1_MAX[5] | A | Maximum, harmonic, IL1 |
| 3561 | float | RD/WR | _FFT_IL1_MAX[6] | A | Maximum, harmonic, IL1 |
| 3563 | float | RD/WR | _FFT_IL1_MAX[7] | A | Maximum, harmonic, IL1 |
| 3565 | float | RD/WR | _FFT_IL1_MAX[8] | A | Maximum, harmonic, IL1 |
| 3567 | float | RD/WR | _FFT_IL1_MAX[9] | A | Maximum, harmonic, IL1 |
| 3569 | float | RD/WR | _FFT_IL1_MAX[10] | A | Maximum, harmonic, IL1 |
| 3571 | float | RD/WR | _FFT_IL1_MAX[11] | A | Maximum, harmonic, IL1 |
| 3573 | float | RD/WR | _FFT_IL1_MAX[12] | A | Maximum, harmonic, IL1 |
| 3575 | float | RD/WR | _FFT_IL1_MAX[13] | A | Maximum, harmonic, IL1 |
| 3577 | float | RD/WR | _FFT_IL1_MAX[14] | A | Maximum, harmonic, IL1 |
| 3579 | float | RD/WR | _FFT_IL1_MAX[15] | A | Maximum, harmonic, IL1 |
| 3581 | float | RD/WR | _FFT_IL1_MAX[16] | A | Maximum, harmonic, IL1 |
| 3583 | float | RD/WR | _FFT_IL1_MAX[17] | A | Maximum, harmonic, IL1 |
| 3585 | float | RD/WR | _FFT_IL1_MAX[18] | A | Maximum, harmonic, IL1 |
| 3587 | float | RD/WR | _FFT_IL1_MAX[19] | A | Maximum, harmonic, IL1 |
| 3589 | float | RD/WR | _FFT_IL1_MAX[20] | A | Maximum, harmonic, IL1 |
| 3591 | float | RD/WR | _FFT_IL1_MAX[21] | A | Maximum, harmonic, IL1 |
| 3593 | float | RD/WR | _FFT_IL1_MAX[22] | A | Maximum, harmonic, IL1 |
| 3595 | float | RD/WR | _FFT_IL1_MAX[23] | A | Maximum, harmonic, IL1 |
| 3597 | float | RD/WR | _FFT_IL1_MAX[24] | A | Maximum, harmonic, IL1 |
| 3599 | float | RD/WR | _FFT_IL1_MAX[25] | A | Maximum, harmonic, IL1 |
| 3601 | float | RD/WR | _FFT_IL1_MAX[26] | A | Maximum, harmonic, IL1 |
| 3603 | float | RD/WR | _FFT_IL1_MAX[27] | A | Maximum, harmonic, IL1 |
| 3605 | float | RD/WR | _FFT_IL1_MAX[28] | A | Maximum, harmonic, IL1 |
| 3607 | float | RD/WR | _FFT_IL1_MAX[29] | A | Maximum, harmonic, IL1 |
| 3609 | float | RD/WR | _FFT_IL1_MAX[30] | A | Maximum, harmonic, IL1 |
| 3611 | float | RD/WR | _FFT_IL1_MAX[31] | A | Maximum, harmonic, IL1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 3613 | float | RD/WR | _FFT_IL1_MAX[32] | A | Maximum, harmonic, IL1 |
| 3615 | float | RD/WR | _FFT_IL1_MAX[33] | A | Maximum, harmonic, IL1 |
| 3617 | float | RD/WR | _FFT_IL1_MAX[34] | A | Maximum, harmonic, IL1 |
| 3619 | float | RD/WR | _FFT_IL1_MAX[35] | A | Maximum, harmonic, IL1 |
| 3621 | float | RD/WR | _FFT_IL1_MAX[36] | A | Maximum, harmonic, IL1 |
| 3623 | float | RD/WR | _FFT_IL1_MAX[37] | A | Maximum, harmonic, IL1 |
| 3625 | float | RD/WR | _FFT_IL1_MAX[38] | A | Maximum, harmonic, IL1 |
| 3627 | float | RD/WR | _FFT_IL1_MAX[39] | A | Maximum, harmonic, IL1 |
| 3629 | float | RD/WR | _FFT_IL2_MAX[0] | A | Maximum, harmonic, IL2 |
| 3631 | float | RD/WR | _FFT_IL2_MAX[1] | A | Maximum, harmonic, IL2 |
| 3633 | float | RD/WR | _FFT_IL2_MAX[2] | A | Maximum, harmonic, IL2 |
| 3635 | float | RD/WR | _FFT_IL2_MAX[3] | A | Maximum, harmonic, IL2 |
| 3637 | float | RD/WR | _FFT_IL2_MAX[4] | A | Maximum, harmonic, IL2 |
| 3639 | float | RD/WR | _FFT_IL2_MAX[5] | A | Maximum, harmonic, IL2 |
| 3641 | float | RD/WR | _FFT_IL2_MAX[6] | A | Maximum, harmonic, IL2 |
| 3643 | float | RD/WR | _FFT_IL2_MAX[7] | A | Maximum, harmonic, IL2 |
| 3645 | float | RD/WR | _FFT_IL2_MAX[8] | A | Maximum, harmonic, IL2 |
| 3647 | float | RD/WR | _FFT_IL2_MAX[9] | A | Maximum, harmonic, IL2 |
| 3649 | float | RD/WR | _FFT_IL2_MAX[10] | A | Maximum, harmonic, IL2 |
| 3651 | float | RD/WR | _FFT_IL2_MAX[11] | A | Maximum, harmonic, IL2 |
| 3653 | float | RD/WR | _FFT_IL2_MAX[12] | A | Maximum, harmonic, IL2 |
| 3655 | float | RD/WR | _FFT_IL2_MAX[13] | A | Maximum, harmonic, IL2 |
| 3657 | float | RD/WR | _FFT_IL2_MAX[14] | A | Maximum, harmonic, IL2 |
| 3659 | float | RD/WR | _FFT_IL2_MAX[15] | A | Maximum, harmonic, IL2 |
| 3661 | float | RD/WR | _FFT_IL2_MAX[16] | A | Maximum, harmonic, IL2 |
| 3663 | float | RD/WR | _FFT_IL2_MAX[17] | A | Maximum, harmonic, IL2 |
| 3665 | float | RD/WR | _FFT_IL2_MAX[18] | A | Maximum, harmonic, IL2 |
| 3667 | float | RD/WR | _FFT_IL2_MAX[19] | A | Maximum, harmonic, IL2 |
| 3669 | float | RD/WR | _FFT_IL2_MAX[20] | A | Maximum, harmonic, IL2 |
| 3671 | float | RD/WR | _FFT_IL2_MAX[21] | A | Maximum, harmonic, IL2 |
| 3673 | float | RD/WR | _FFT_IL2_MAX[22] | A | Maximum, harmonic, IL2 |
| 3675 | float | RD/WR | _FFT_IL2_MAX[23] | A | Maximum, harmonic, IL2 |
| 3677 | float | RD/WR | _FFT_IL2_MAX[24] | A | Maximum, harmonic, IL2 |
| 3679 | float | RD/WR | _FFT_IL2_MAX[25] | A | Maximum, harmonic, IL2 |
| 3681 | float | RD/WR | _FFT_IL2_MAX[26] | A | Maximum, harmonic, IL2 |
| 3683 | float | RD/WR | _FFT_IL2_MAX[27] | A | Maximum, harmonic, IL2 |
| 3685 | float | RD/WR | _FFT_IL2_MAX[28] | A | Maximum, harmonic, IL2 |
| 3687 | float | RD/WR | _FFT_IL2_MAX[29] | A | Maximum, harmonic, IL2 |
| 3689 | float | RD/WR | _FFT_IL2_MAX[30] | A | Maximum, harmonic, IL2 |
| 3691 | float | RD/WR | _FFT_IL2_MAX[31] | A | Maximum, harmonic, IL2 |
| 3693 | float | RD/WR | _FFT_IL2_MAX[32] | A | Maximum, harmonic, IL2 |
| 3695 | float | RD/WR | _FFT_IL2_MAX[33] | A | Maximum, harmonic, IL2 |
| 3697 | float | RD/WR | _FFT_IL2_MAX[34] | A | Maximum, harmonic, IL2 |
| 3699 | float | RD/WR | _FFT_IL2_MAX[35] | A | Maximum, harmonic, IL2 |
| 3701 | float | RD/WR | _FFT_IL2_MAX[36] | A | Maximum, harmonic, IL2 |
| 3703 | float | RD/WR | _FFT_IL2_MAX[37] | A | Maximum, harmonic, IL2 |
| 3705 | float | RD/WR | _FFT_IL2_MAX[38] | A | Maximum, harmonic, IL2 |
| 3707 | float | RD/WR | _FFT_IL2_MAX[39] | A | Maximum, harmonic, IL2 |
| 3709 | float | RD/WR | _FFT_IL3_MAX[0] | A | Maximum, harmonic, IL3 |
| 3711 | float | RD/WR | _FFT_IL3_MAX[1] | A | Maximum, harmonic, IL3 |
| 3713 | float | RD/WR | _FFT_IL3_MAX[2] | A | Maximum, harmonic, IL3 |
| 3715 | float | RD/WR | _FFT_IL3_MAX[3] | A | Maximum, harmonic, IL3 |
| 3717 | float | RD/WR | _FFT_IL3_MAX[4] | A | Maximum, harmonic, IL3 |
| 3719 | float | RD/WR | _FFT_IL3_MAX[5] | A | Maximum, harmonic, IL3 |
| 3721 | float | RD/WR | _FFT_IL3_MAX[6] | A | Maximum, harmonic, IL3 |
| 3723 | float | RD/WR | _FFT_IL3_MAX[7] | A | Maximum, harmonic, IL3 |
| 3725 | float | RD/WR | _FFT_IL3_MAX[8] | A | Maximum, harmonic, IL3 |
| 3727 | float | RD/WR | _FFT_IL3_MAX[9] | A | Maximum, harmonic, IL3 |
| 3729 | float | RD/WR | _FFT_IL3_MAX[10] | A | Maximum, harmonic, IL3 |
| 3731 | float | RD/WR | _FFT_IL3_MAX[11] | A | Maximum, harmonic, IL3 |
| 3733 | float | RD/WR | _FFT_IL3_MAX[12] | A | Maximum, harmonic, IL3 |
| 3735 | float | RD/WR | _FFT_IL3_MAX[13] | A | Maximum, harmonic, IL3 |
| 3737 | float | RD/WR | _FFT_IL3_MAX[14] | A | Maximum, harmonic, IL3 |
| 3739 | float | RD/WR | _FFT_IL3_MAX[15] | A | Maximum, harmonic, IL3 |
| 3741 | float | RD/WR | _FFT_IL3_MAX[16] | A | Maximum, harmonic, IL3 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 3743 | float | RD/WR | _FFT_IL3_MAX[17] | A | Maximum, harmonic, IL3 |
| 3745 | float | RD/WR | _FFT_IL3_MAX[18] | A | Maximum, harmonic, IL3 |
| 3747 | float | RD/WR | _FFT_IL3_MAX[19] | A | Maximum, harmonic, IL3 |
| 3749 | float | RD/WR | _FFT_IL3_MAX[20] | A | Maximum, harmonic, IL3 |
| 3751 | float | RD/WR | _FFT_IL3_MAX[21] | A | Maximum, harmonic, IL3 |
| 3753 | float | RD/WR | _FFT_IL3_MAX[22] | A | Maximum, harmonic, IL3 |
| 3755 | float | RD/WR | _FFT_IL3_MAX[23] | A | Maximum, harmonic, IL3 |
| 3757 | float | RD/WR | _FFT_IL3_MAX[24] | A | Maximum, harmonic, IL3 |
| 3759 | float | RD/WR | _FFT_IL3_MAX[25] | A | Maximum, harmonic, IL3 |
| 3761 | float | RD/WR | _FFT_IL3_MAX[26] | A | Maximum, harmonic, IL3 |
| 3763 | float | RD/WR | _FFT_IL3_MAX[27] | A | Maximum, harmonic, IL3 |
| 3765 | float | RD/WR | _FFT_IL3_MAX[28] | A | Maximum, harmonic, IL3 |
| 3767 | float | RD/WR | _FFT_IL3_MAX[29] | A | Maximum, harmonic, IL3 |
| 3769 | float | RD/WR | _FFT_IL3_MAX[30] | A | Maximum, harmonic, IL3 |
| 3771 | float | RD/WR | _FFT_IL3_MAX[31] | A | Maximum, harmonic, IL3 |
| 3773 | float | RD/WR | _FFT_IL3_MAX[32] | A | Maximum, harmonic, IL3 |
| 3775 | float | RD/WR | _FFT_IL3_MAX[33] | A | Maximum, harmonic, IL3 |
| 3777 | float | RD/WR | _FFT_IL3_MAX[34] | A | Maximum, harmonic, IL3 |
| 3779 | float | RD/WR | _FFT_IL3_MAX[35] | A | Maximum, harmonic, IL3 |
| 3781 | float | RD/WR | _FFT_IL3_MAX[36] | A | Maximum, harmonic, IL3 |
| 3783 | float | RD/WR | _FFT_IL3_MAX[37] | A | Maximum, harmonic, IL3 |
| 3785 | float | RD/WR | _FFT_IL3_MAX[38] | A | Maximum, harmonic, IL3 |
| 3787 | float | RD/WR | _FFT_IL3_MAX[39] | A | Maximum, harmonic, IL3 |
| 3789 | float | RD/WR | _FFT_IL4_MAX[0] | A | Maximum, harmonic, IL4 |
| 3791 | float | RD/WR | _FFT_IL4_MAX[1] | A | Maximum, harmonic, IL4 |
| 3793 | float | RD/WR | _FFT_IL4_MAX[2] | A | Maximum, harmonic, IL4 |
| 3795 | float | RD/WR | _FFT_IL4_MAX[3] | A | Maximum, harmonic, IL4 |
| 3797 | float | RD/WR | _FFT_IL4_MAX[4] | A | Maximum, harmonic, IL4 |
| 3799 | float | RD/WR | _FFT_IL4_MAX[5] | A | Maximum, harmonic, IL4 |
| 3801 | float | RD/WR | _FFT_IL4_MAX[6] | A | Maximum, harmonic, IL4 |
| 3803 | float | RD/WR | _FFT_IL4_MAX[7] | A | Maximum, harmonic, IL4 |
| 3805 | float | RD/WR | _FFT_IL4_MAX[8] | A | Maximum, harmonic, IL4 |
| 3807 | float | RD/WR | _FFT_IL4_MAX[9] | A | Maximum, harmonic, IL4 |
| 3809 | float | RD/WR | _FFT_IL4_MAX[10] | A | Maximum, harmonic, IL4 |
| 3811 | float | RD/WR | _FFT_IL4_MAX[11] | A | Maximum, harmonic, IL4 |
| 3813 | float | RD/WR | _FFT_IL4_MAX[12] | A | Maximum, harmonic, IL4 |
| 3815 | float | RD/WR | _FFT_IL4_MAX[13] | A | Maximum, harmonic, IL4 |
| 3817 | float | RD/WR | _FFT_IL4_MAX[14] | A | Maximum, harmonic, IL4 |
| 3819 | float | RD/WR | _FFT_IL4_MAX[15] | A | Maximum, harmonic, IL4 |
| 3821 | float | RD/WR | _FFT_IL4_MAX[16] | A | Maximum, harmonic, IL4 |
| 3823 | float | RD/WR | _FFT_IL4_MAX[17] | A | Maximum, harmonic, IL4 |
| 3825 | float | RD/WR | _FFT_IL4_MAX[18] | A | Maximum, harmonic, IL4 |
| 3827 | float | RD/WR | _FFT_IL4_MAX[19] | A | Maximum, harmonic, IL4 |
| 3829 | float | RD/WR | _FFT_IL4_MAX[20] | A | Maximum, harmonic, IL4 |
| 3831 | float | RD/WR | _FFT_IL4_MAX[21] | A | Maximum, harmonic, IL4 |
| 3833 | float | RD/WR | _FFT_IL4_MAX[22] | A | Maximum, harmonic, IL4 |
| 3835 | float | RD/WR | _FFT_IL4_MAX[23] | A | Maximum, harmonic, IL4 |
| 3837 | float | RD/WR | _FFT_IL4_MAX[24] | A | Maximum, harmonic, IL4 |
| 3839 | float | RD/WR | _FFT_IL4_MAX[25] | A | Maximum, harmonic, IL4 |
| 3841 | float | RD/WR | _FFT_IL4_MAX[26] | A | Maximum, harmonic, IL4 |
| 3843 | float | RD/WR | _FFT_IL4_MAX[27] | A | Maximum, harmonic, IL4 |
| 3845 | float | RD/WR | _FFT_IL4_MAX[28] | A | Maximum, harmonic, IL4 |
| 3847 | float | RD/WR | _FFT_IL4_MAX[29] | A | Maximum, harmonic, IL4 |
| 3849 | float | RD/WR | _FFT_IL4_MAX[30] | A | Maximum, harmonic, IL4 |
| 3851 | float | RD/WR | _FFT_IL4_MAX[31] | A | Maximum, harmonic, IL4 |
| 3853 | float | RD/WR | _FFT_IL4_MAX[32] | A | Maximum, harmonic, IL4 |
| 3855 | float | RD/WR | _FFT_IL4_MAX[33] | A | Maximum, harmonic, IL4 |
| 3857 | float | RD/WR | _FFT_IL4_MAX[34] | A | Maximum, harmonic, IL4 |
| 3859 | float | RD/WR | _FFT_IL4_MAX[35] | A | Maximum, harmonic, IL4 |
| 3861 | float | RD/WR | _FFT_IL4_MAX[36] | A | Maximum, harmonic, IL4 |
| 3863 | float | RD/WR | _FFT_IL4_MAX[37] | A | Maximum, harmonic, IL4 |
| 3865 | float | RD/WR | _FFT_IL4_MAX[38] | A | Maximum, harmonic, IL4 |
| 3867 | float | RD/WR | _FFT_IL4_MAX[39] | A | Maximum, harmonic, IL4 |
| 3869 | float | RD/WR | _FFT_PL1_MAX[0] | W | Maximum, harmonic, PL1 |
| 3871 | float | RD/WR | _FFT_PL1_MAX[1] | W | Maximum, harmonic, PL1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 4003 | float | RD/WR | _FFT_PL2_MAX[27] | W | Maximum, harmonic, PL2 |
| 4005 | float | RD/WR | _FFT_PL2_MAX[28] | W | Maximum, harmonic, PL2 |
| 4007 | float | RD/WR | _FFT_PL2_MAX[29] | W | Maximum, harmonic, PL2 |
| 4009 | float | RD/WR | _FFT_PL2_MAX[30] | W | Maximum, harmonic, PL2 |
| 4011 | float | RD/WR | _FFT_PL2_MAX[31] | W | Maximum, harmonic, PL2 |
| 4013 | float | RD/WR | _FFT_PL2_MAX[32] | W | Maximum, harmonic, PL2 |
| 4015 | float | RD/WR | _FFT_PL2_MAX[33] | W | Maximum, harmonic, PL2 |
| 4017 | float | RD/WR | _FFT_PL2_MAX[34] | W | Maximum, harmonic, PL2 |
| 4019 | float | RD/WR | _FFT_PL2_MAX[35] | W | Maximum, harmonic, PL2 |
| 4021 | float | RD/WR | _FFT_PL2_MAX[36] | W | Maximum, harmonic, PL2 |
| 4023 | float | RD/WR | _FFT_PL2_MAX[37] | W | Maximum, harmonic, PL2 |
| 4025 | float | RD/WR | _FFT_PL2_MAX[38] | W | Maximum, harmonic, PL2 |
| 4027 | float | RD/WR | _FFT_PL2_MAX[39] | W | Maximum, harmonic, PL2 |
| 4029 | float | RD/WR | _FFT_PL3_MAX[0] | W | Maximum, harmonic, PL3 |
| 4031 | float | RD/WR | _FFT_PL3_MAX[1] | W | Maximum, harmonic, PL3 |
| 4033 | float | RD/WR | _FFT_PL3_MAX[2] | W | Maximum, harmonic, PL3 |
| 4035 | float | RD/WR | _FFT_PL3_MAX[3] | W | Maximum, harmonic, PL3 |
| 4037 | float | RD/WR | _FFT_PL3_MAX[4] | W | Maximum, harmonic, PL3 |
| 4039 | float | RD/WR | _FFT_PL3_MAX[5] | W | Maximum, harmonic, PL3 |
| 4041 | float | RD/WR | _FFT_PL3_MAX[6] | W | Maximum, harmonic, PL3 |
| 4043 | float | RD/WR | _FFT_PL3_MAX[7] | W | Maximum, harmonic, PL3 |
| 4045 | float | RD/WR | _FFT_PL3_MAX[8] | W | Maximum, harmonic, PL3 |
| 4047 | float | RD/WR | _FFT_PL3_MAX[9] | W | Maximum, harmonic, PL3 |
| 4049 | float | RD/WR | _FFT_PL3_MAX[10] | W | Maximum, harmonic, PL3 |
| 4051 | float | RD/WR | _FFT_PL3_MAX[11] | W | Maximum, harmonic, PL3 |
| 4053 | float | RD/WR | _FFT_PL3_MAX[12] | W | Maximum, harmonic, PL3 |
| 4055 | float | RD/WR | _FFT_PL3_MAX[13] | W | Maximum, harmonic, PL3 |
| 4057 | float | RD/WR | _FFT_PL3_MAX[14] | W | Maximum, harmonic, PL3 |
| 4059 | float | RD/WR | _FFT_PL3_MAX[15] | W | Maximum, harmonic, PL3 |
| 4061 | float | RD/WR | _FFT_PL3_MAX[16] | W | Maximum, harmonic, PL3 |
| 4063 | float | RD/WR | _FFT_PL3_MAX[17] | W | Maximum, harmonic, PL3 |
| 4065 | float | RD/WR | _FFT_PL3_MAX[18] | W | Maximum, harmonic, PL3 |
| 4067 | float | RD/WR | _FFT_PL3_MAX[19] | W | Maximum, harmonic, PL3 |
| 4069 | float | RD/WR | _FFT_PL3_MAX[20] | W | Maximum, harmonic, PL3 |
| 4071 | float | RD/WR | _FFT_PL3_MAX[21] | W | Maximum, harmonic, PL3 |
| 4073 | float | RD/WR | _FFT_PL3_MAX[22] | W | Maximum, harmonic, PL3 |
| 4075 | float | RD/WR | _FFT_PL3_MAX[23] | W | Maximum, harmonic, PL3 |
| 4077 | float | RD/WR | _FFT_PL3_MAX[24] | W | Maximum, harmonic, PL3 |
| 4079 | float | RD/WR | _FFT_PL3_MAX[25] | W | Maximum, harmonic, PL3 |
| 4081 | float | RD/WR | _FFT_PL3_MAX[26] | W | Maximum, harmonic, PL3 |
| 4083 | float | RD/WR | _FFT_PL3_MAX[27] | W | Maximum, harmonic, PL3 |
| 4085 | float | RD/WR | _FFT_PL3_MAX[28] | W | Maximum, harmonic, PL3 |
| 4087 | float | RD/WR | _FFT_PL3_MAX[29] | W | Maximum, harmonic, PL3 |
| 4089 | float | RD/WR | _FFT_PL3_MAX[30] | W | Maximum, harmonic, PL3 |
| 4091 | float | RD/WR | _FFT_PL3_MAX[31] | W | Maximum, harmonic, PL3 |
| 4093 | float | RD/WR | _FFT_PL3_MAX[32] | W | Maximum, harmonic, PL3 |
| 4095 | float | RD/WR | _FFT_PL3_MAX[33] | W | Maximum, harmonic, PL3 |
| 4097 | float | RD/WR | _FFT_PL3_MAX[34] | W | Maximum, harmonic, PL3 |
| 4099 | float | RD/WR | _FFT_PL3_MAX[35] | W | Maximum, harmonic, PL3 |
| 4101 | float | RD/WR | _FFT_PL3_MAX[36] | W | Maximum, harmonic, PL3 |
| 4103 | float | RD/WR | _FFT_PL3_MAX[37] | W | Maximum, harmonic, PL3 |
| 4105 | float | RD/WR | _FFT_PL3_MAX[38] | W | Maximum, harmonic, PL3 |
| 4107 | float | RD/WR | _FFT_PL3_MAX[39] | W | Maximum, harmonic, PL3 |
| 4109 | float | RD/WR | _FFT_PL4_MAX[0] | W | Maximum, harmonic, PL4 |
| 4111 | float | RD/WR | _FFT_PL4_MAX[1] | W | Maximum, harmonic, PL4 |
| 4113 | float | RD/WR | _FFT_PL4_MAX[2] | W | Maximum, harmonic, PL4 |
| 4115 | float | RD/WR | _FFT_PL4_MAX[3] | W | Maximum, harmonic, PL4 |
| 4117 | float | RD/WR | _FFT_PL4_MAX[4] | W | Maximum, harmonic, PL4 |
| 4119 | float | RD/WR | _FFT_PL4_MAX[5] | W | Maximum, harmonic, PL4 |
| 4121 | float | RD/WR | _FFT_PL4_MAX[6] | W | Maximum, harmonic, PL4 |
| 4123 | float | RD/WR | _FFT_PL4_MAX[7] | W | Maximum, harmonic, PL4 |
| 4125 | float | RD/WR | _FFT_PL4_MAX[8] | W | Maximum, harmonic, PL4 |
| 4127 | float | RD/WR | _FFT_PL4_MAX[9] | W | Maximum, harmonic, PL4 |
| 4129 | float | RD/WR | _FFT_PL4_MAX[10] | W | Maximum, harmonic, PL4 |
| 4131 | float | RD/WR | _FFT_PL4_MAX[11] | W | Maximum, harmonic, PL4 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 4133 | float | RD/WR | _FFT_PL4_MAX[12] | W | Maximum, harmonic, PL4 |
| 4135 | float | RD/WR | _FFT_PL4_MAX[13] | W | Maximum, harmonic, PL4 |
| 4137 | float | RD/WR | _FFT_PL4_MAX[14] | W | Maximum, harmonic, PL4 |
| 4139 | float | RD/WR | _FFT_PL4_MAX[15] | W | Maximum, harmonic, PL4 |
| 4141 | float | RD/WR | _FFT_PL4_MAX[16] | W | Maximum, harmonic, PL4 |
| 4143 | float | RD/WR | _FFT_PL4_MAX[17] | W | Maximum, harmonic, PL4 |
| 4145 | float | RD/WR | _FFT_PL4_MAX[18] | W | Maximum, harmonic, PL4 |
| 4147 | float | RD/WR | _FFT_PL4_MAX[19] | W | Maximum, harmonic, PL4 |
| 4149 | float | RD/WR | _FFT_PL4_MAX[20] | W | Maximum, harmonic, PL4 |
| 4151 | float | RD/WR | _FFT_PL4_MAX[21] | W | Maximum, harmonic, PL4 |
| 4153 | float | RD/WR | _FFT_PL4_MAX[22] | W | Maximum, harmonic, PL4 |
| 4155 | float | RD/WR | _FFT_PL4_MAX[23] | W | Maximum, harmonic, PL4 |
| 4157 | float | RD/WR | _FFT_PL4_MAX[24] | W | Maximum, harmonic, PL4 |
| 4159 | float | RD/WR | _FFT_PL4_MAX[25] | W | Maximum, harmonic, PL4 |
| 4161 | float | RD/WR | _FFT_PL4_MAX[26] | W | Maximum, harmonic, PL4 |
| 4163 | float | RD/WR | _FFT_PL4_MAX[27] | W | Maximum, harmonic, PL4 |
| 4165 | float | RD/WR | _FFT_PL4_MAX[28] | W | Maximum, harmonic, PL4 |
| 4167 | float | RD/WR | _FFT_PL4_MAX[29] | W | Maximum, harmonic, PL4 |
| 4169 | float | RD/WR | _FFT_PL4_MAX[30] | W | Maximum, harmonic, PL4 |
| 4171 | float | RD/WR | _FFT_PL4_MAX[31] | W | Maximum, harmonic, PL4 |
| 4173 | float | RD/WR | _FFT_PL4_MAX[32] | W | Maximum, harmonic, PL4 |
| 4175 | float | RD/WR | _FFT_PL4_MAX[33] | W | Maximum, harmonic, PL4 |
| 4177 | float | RD/WR | _FFT_PL4_MAX[34] | W | Maximum, harmonic, PL4 |
| 4179 | float | RD/WR | _FFT_PL4_MAX[35] | W | Maximum, harmonic, PL4 |
| 4181 | float | RD/WR | _FFT_PL4_MAX[36] | W | Maximum, harmonic, PL4 |
| 4183 | float | RD/WR | _FFT_PL4_MAX[37] | W | Maximum, harmonic, PL4 |
| 4185 | float | RD/WR | _FFT_PL4_MAX[38] | W | Maximum, harmonic, PL4 |
| 4187 | float | RD/WR | _FFT_PL4_MAX[39] | W | Maximum, harmonic, PL4 |
| 4189 | float | RD/WR | _FFT_QL1_MAX[0] | var | Maximum, harmonic, QL1 |
| 4191 | float | RD/WR | _FFT_QL1_MAX[1] | var | Maximum, harmonic, QL1 |
| 4193 | float | RD/WR | _FFT_QL1_MAX[2] | var | Maximum, harmonic, QL1 |
| 4195 | float | RD/WR | _FFT_QL1_MAX[3] | var | Maximum, harmonic, QL1 |
| 4197 | float | RD/WR | _FFT_QL1_MAX[4] | var | Maximum, harmonic, QL1 |
| 4199 | float | RD/WR | _FFT_QL1_MAX[5] | var | Maximum, harmonic, QL1 |
| 4201 | float | RD/WR | _FFT_QL1_MAX[6] | var | Maximum, harmonic, QL1 |
| 4203 | float | RD/WR | _FFT_QL1_MAX[7] | var | Maximum, harmonic, QL1 |
| 4205 | float | RD/WR | _FFT_QL1_MAX[8] | var | Maximum, harmonic, QL1 |
| 4207 | float | RD/WR | _FFT_QL1_MAX[9] | var | Maximum, harmonic, QL1 |
| 4209 | float | RD/WR | _FFT_QL1_MAX[10] | var | Maximum, harmonic, QL1 |
| 4211 | float | RD/WR | _FFT_QL1_MAX[11] | var | Maximum, harmonic, QL1 |
| 4213 | float | RD/WR | _FFT_QL1_MAX[12] | var | Maximum, harmonic, QL1 |
| 4215 | float | RD/WR | _FFT_QL1_MAX[13] | var | Maximum, harmonic, QL1 |
| 4217 | float | RD/WR | _FFT_QL1_MAX[14] | var | Maximum, harmonic, QL1 |
| 4219 | float | RD/WR | _FFT_QL1_MAX[15] | var | Maximum, harmonic, QL1 |
| 4221 | float | RD/WR | _FFT_QL1_MAX[16] | var | Maximum, harmonic, QL1 |
| 4223 | float | RD/WR | _FFT_QL1_MAX[17] | var | Maximum, harmonic, QL1 |
| 4225 | float | RD/WR | _FFT_QL1_MAX[18] | var | Maximum, harmonic, QL1 |
| 4227 | float | RD/WR | _FFT_QL1_MAX[19] | var | Maximum, harmonic, QL1 |
| 4229 | float | RD/WR | _FFT_QL1_MAX[20] | var | Maximum, harmonic, QL1 |
| 4231 | float | RD/WR | _FFT_QL1_MAX[21] | var | Maximum, harmonic, QL1 |
| 4233 | float | RD/WR | _FFT_QL1_MAX[22] | var | Maximum, harmonic, QL1 |
| 4235 | float | RD/WR | _FFT_QL1_MAX[23] | var | Maximum, harmonic, QL1 |
| 4237 | float | RD/WR | _FFT_QL1_MAX[24] | var | Maximum, harmonic, QL1 |
| 4239 | float | RD/WR | _FFT_QL1_MAX[25] | var | Maximum, harmonic, QL1 |
| 4241 | float | RD/WR | _FFT_QL1_MAX[26] | var | Maximum, harmonic, QL1 |
| 4243 | float | RD/WR | _FFT_QL1_MAX[27] | var | Maximum, harmonic, QL1 |
| 4245 | float | RD/WR | _FFT_QL1_MAX[28] | var | Maximum, harmonic, QL1 |
| 4247 | float | RD/WR | _FFT_QL1_MAX[29] | var | Maximum, harmonic, QL1 |
| 4249 | float | RD/WR | _FFT_QL1_MAX[30] | var | Maximum, harmonic, QL1 |
| 4251 | float | RD/WR | _FFT_QL1_MAX[31] | var | Maximum, harmonic, QL1 |
| 4253 | float | RD/WR | _FFT_QL1_MAX[32] | var | Maximum, harmonic, QL1 |
| 4255 | float | RD/WR | _FFT_QL1_MAX[33] | var | Maximum, harmonic, QL1 |
| 4257 | float | RD/WR | _FFT_QL1_MAX[34] | var | Maximum, harmonic, QL1 |
| 4259 | float | RD/WR | _FFT_QL1_MAX[35] | var | Maximum, harmonic, QL1 |
| 4261 | float | RD/WR | _FFT_QL1_MAX[36] | var | Maximum, harmonic, QL1 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|------------------|------|------------------------|
| 4393 | float | RD/WR | _FFT_QL3_MAX[22] | var | Maximum, harmonic, QL3 |
| 4395 | float | RD/WR | _FFT_QL3_MAX[23] | var | Maximum, harmonic, QL3 |
| 4397 | float | RD/WR | _FFT_QL3_MAX[24] | var | Maximum, harmonic, QL3 |
| 4399 | float | RD/WR | _FFT_QL3_MAX[25] | var | Maximum, harmonic, QL3 |
| 4401 | float | RD/WR | _FFT_QL3_MAX[26] | var | Maximum, harmonic, QL3 |
| 4403 | float | RD/WR | _FFT_QL3_MAX[27] | var | Maximum, harmonic, QL3 |
| 4405 | float | RD/WR | _FFT_QL3_MAX[28] | var | Maximum, harmonic, QL3 |
| 4407 | float | RD/WR | _FFT_QL3_MAX[29] | var | Maximum, harmonic, QL3 |
| 4409 | float | RD/WR | _FFT_QL3_MAX[30] | var | Maximum, harmonic, QL3 |
| 4411 | float | RD/WR | _FFT_QL3_MAX[31] | var | Maximum, harmonic, QL3 |
| 4413 | float | RD/WR | _FFT_QL3_MAX[32] | var | Maximum, harmonic, QL3 |
| 4415 | float | RD/WR | _FFT_QL3_MAX[33] | var | Maximum, harmonic, QL3 |
| 4417 | float | RD/WR | _FFT_QL3_MAX[34] | var | Maximum, harmonic, QL3 |
| 4419 | float | RD/WR | _FFT_QL3_MAX[35] | var | Maximum, harmonic, QL3 |
| 4421 | float | RD/WR | _FFT_QL3_MAX[36] | var | Maximum, harmonic, QL3 |
| 4423 | float | RD/WR | _FFT_QL3_MAX[37] | var | Maximum, harmonic, QL3 |
| 4425 | float | RD/WR | _FFT_QL3_MAX[38] | var | Maximum, harmonic, QL3 |
| 4427 | float | RD/WR | _FFT_QL3_MAX[39] | var | Maximum, harmonic, QL3 |
| 4429 | float | RD/WR | _FFT_QL4_MAX[0] | var | Maximum, harmonic, QL4 |
| 4431 | float | RD/WR | _FFT_QL4_MAX[1] | var | Maximum, harmonic, QL4 |
| 4433 | float | RD/WR | _FFT_QL4_MAX[2] | var | Maximum, harmonic, QL4 |
| 4435 | float | RD/WR | _FFT_QL4_MAX[3] | var | Maximum, harmonic, QL4 |
| 4437 | float | RD/WR | _FFT_QL4_MAX[4] | var | Maximum, harmonic, QL4 |
| 4439 | float | RD/WR | _FFT_QL4_MAX[5] | var | Maximum, harmonic, QL4 |
| 4441 | float | RD/WR | _FFT_QL4_MAX[6] | var | Maximum, harmonic, QL4 |
| 4443 | float | RD/WR | _FFT_QL4_MAX[7] | var | Maximum, harmonic, QL4 |
| 4445 | float | RD/WR | _FFT_QL4_MAX[8] | var | Maximum, harmonic, QL4 |
| 4447 | float | RD/WR | _FFT_QL4_MAX[9] | var | Maximum, harmonic, QL4 |
| 4449 | float | RD/WR | _FFT_QL4_MAX[10] | var | Maximum, harmonic, QL4 |
| 4451 | float | RD/WR | _FFT_QL4_MAX[11] | var | Maximum, harmonic, QL4 |
| 4453 | float | RD/WR | _FFT_QL4_MAX[12] | var | Maximum, harmonic, QL4 |
| 4455 | float | RD/WR | _FFT_QL4_MAX[13] | var | Maximum, harmonic, QL4 |
| 4457 | float | RD/WR | _FFT_QL4_MAX[14] | var | Maximum, harmonic, QL4 |
| 4459 | float | RD/WR | _FFT_QL4_MAX[15] | var | Maximum, harmonic, QL4 |
| 4461 | float | RD/WR | _FFT_QL4_MAX[16] | var | Maximum, harmonic, QL4 |
| 4463 | float | RD/WR | _FFT_QL4_MAX[17] | var | Maximum, harmonic, QL4 |
| 4465 | float | RD/WR | _FFT_QL4_MAX[18] | var | Maximum, harmonic, QL4 |
| 4467 | float | RD/WR | _FFT_QL4_MAX[19] | var | Maximum, harmonic, QL4 |
| 4469 | float | RD/WR | _FFT_QL4_MAX[20] | var | Maximum, harmonic, QL4 |
| 4471 | float | RD/WR | _FFT_QL4_MAX[21] | var | Maximum, harmonic, QL4 |
| 4473 | float | RD/WR | _FFT_QL4_MAX[22] | var | Maximum, harmonic, QL4 |
| 4475 | float | RD/WR | _FFT_QL4_MAX[23] | var | Maximum, harmonic, QL4 |
| 4477 | float | RD/WR | _FFT_QL4_MAX[24] | var | Maximum, harmonic, QL4 |
| 4479 | float | RD/WR | _FFT_QL4_MAX[25] | var | Maximum, harmonic, QL4 |
| 4481 | float | RD/WR | _FFT_QL4_MAX[26] | var | Maximum, harmonic, QL4 |
| 4483 | float | RD/WR | _FFT_QL4_MAX[27] | var | Maximum, harmonic, QL4 |
| 4485 | float | RD/WR | _FFT_QL4_MAX[28] | var | Maximum, harmonic, QL4 |
| 4487 | float | RD/WR | _FFT_QL4_MAX[29] | var | Maximum, harmonic, QL4 |
| 4489 | float | RD/WR | _FFT_QL4_MAX[30] | var | Maximum, harmonic, QL4 |
| 4491 | float | RD/WR | _FFT_QL4_MAX[31] | var | Maximum, harmonic, QL4 |
| 4493 | float | RD/WR | _FFT_QL4_MAX[32] | var | Maximum, harmonic, QL4 |
| 4495 | float | RD/WR | _FFT_QL4_MAX[33] | var | Maximum, harmonic, QL4 |
| 4497 | float | RD/WR | _FFT_QL4_MAX[34] | var | Maximum, harmonic, QL4 |
| 4499 | float | RD/WR | _FFT_QL4_MAX[35] | var | Maximum, harmonic, QL4 |
| 4501 | float | RD/WR | _FFT_QL4_MAX[36] | var | Maximum, harmonic, QL4 |
| 4503 | float | RD/WR | _FFT_QL4_MAX[37] | var | Maximum, harmonic, QL4 |
| 4505 | float | RD/WR | _FFT_QL4_MAX[38] | var | Maximum, harmonic, QL4 |
| 4507 | float | RD/WR | _FFT_QL4_MAX[39] | var | Maximum, harmonic, QL4 |

| Address | Format | RD/WR | Designation | Unit | Note |
|---------|--------|-------|--------------------|------|--|
| 5583 | uint | RD/WR | _FFT_UL4_MIN_T[7] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5585 | uint | RD/WR | _FFT_UL4_MIN_T[8] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5587 | uint | RD/WR | _FFT_UL4_MIN_T[9] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5589 | uint | RD/WR | _FFT_UL4_MIN_T[10] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5591 | uint | RD/WR | _FFT_UL4_MIN_T[11] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5593 | uint | RD/WR | _FFT_UL4_MIN_T[12] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5595 | uint | RD/WR | _FFT_UL4_MIN_T[13] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5597 | uint | RD/WR | _FFT_UL4_MIN_T[14] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5599 | uint | RD/WR | _FFT_UL4_MIN_T[15] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5601 | uint | RD/WR | _FFT_UL4_MIN_T[16] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5603 | uint | RD/WR | _FFT_UL4_MIN_T[17] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5605 | uint | RD/WR | _FFT_UL4_MIN_T[18] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5607 | uint | RD/WR | _FFT_UL4_MIN_T[19] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5609 | uint | RD/WR | _FFT_UL4_MIN_T[20] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5611 | uint | RD/WR | _FFT_UL4_MIN_T[21] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5613 | uint | RD/WR | _FFT_UL4_MIN_T[22] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5615 | uint | RD/WR | _FFT_UL4_MIN_T[23] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5617 | uint | RD/WR | _FFT_UL4_MIN_T[24] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5619 | uint | RD/WR | _FFT_UL4_MIN_T[25] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5621 | uint | RD/WR | _FFT_UL4_MIN_T[26] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5623 | uint | RD/WR | _FFT_UL4_MIN_T[27] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5625 | uint | RD/WR | _FFT_UL4_MIN_T[28] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5627 | uint | RD/WR | _FFT_UL4_MIN_T[29] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5629 | uint | RD/WR | _FFT_UL4_MIN_T[30] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5631 | uint | RD/WR | _FFT_UL4_MIN_T[31] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5633 | uint | RD/WR | _FFT_UL4_MIN_T[32] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5635 | uint | RD/WR | _FFT_UL4_MIN_T[33] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5637 | uint | RD/WR | _FFT_UL4_MIN_T[34] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5639 | uint | RD/WR | _FFT_UL4_MIN_T[35] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5641 | uint | RD/WR | _FFT_UL4_MIN_T[36] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5643 | uint | RD/WR | _FFT_UL4_MIN_T[37] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5645 | uint | RD/WR | _FFT_UL4_MIN_T[38] | s | Time of min. val. (UTC), harmonic, UL4 |
| 5647 | uint | RD/WR | _FFT_UL4_MIN_T[39] | s | Time of min. val. (UTC), harmonic, UL4 |

