

# ZIPPY EMC LAB

## conduction test

EUT: DM1Y2-5220V2H SPS  
 Manuf: ZIPPY TECH CO..LTD  
 Op Cond: FULL LOAD  
 Operator:  
 Test Spec: FCC Part 15-- Class A  
 Comment: Load Condition  
 L48V

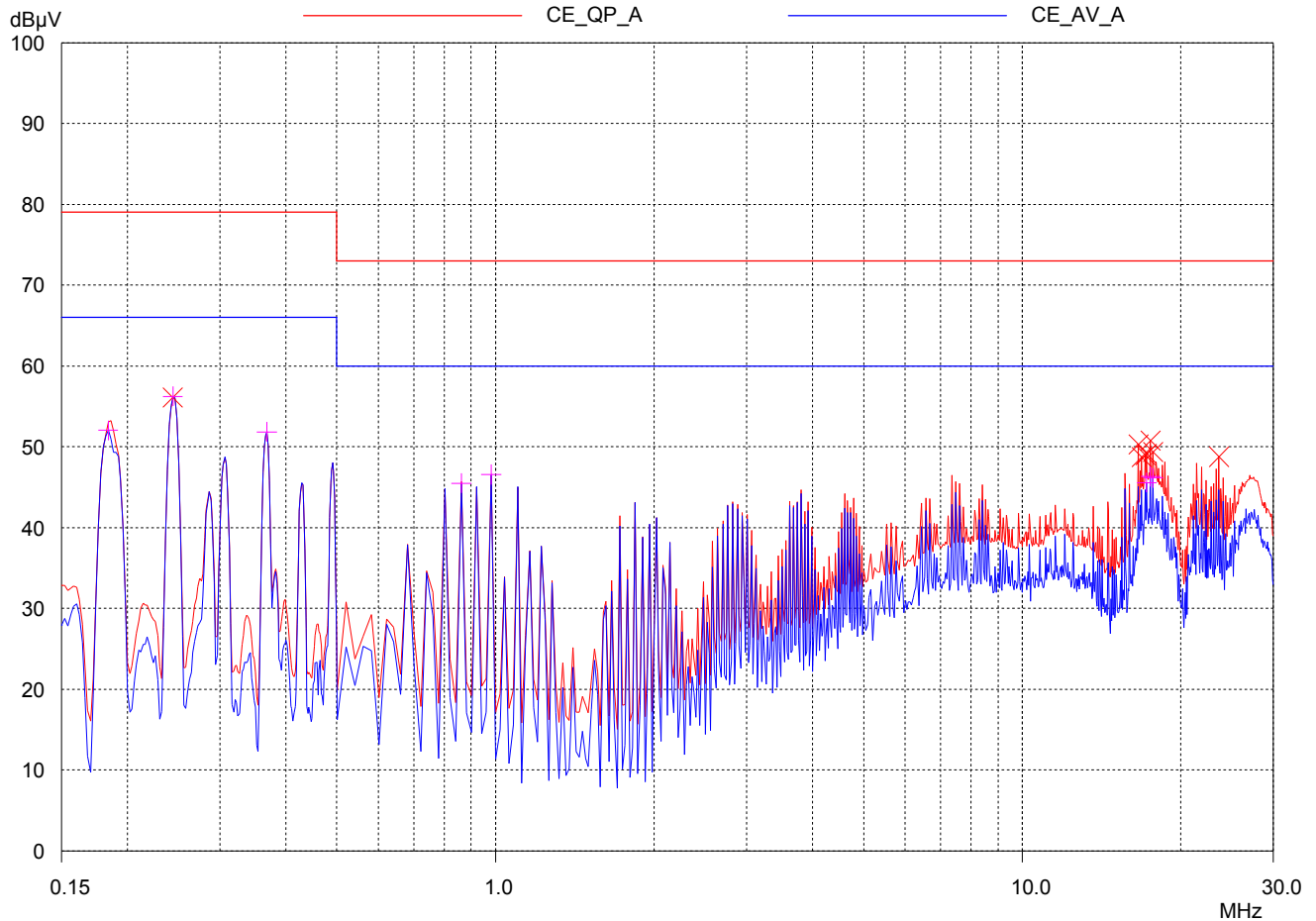
### Scan Settings

(3 Ranges)

Frequencies			Receiver Settings					
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150kHz	500kHz	2kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
500kHz	5MHz	20kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
5MHz	30MHz	40kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	9kHz	30MHz	CEB

Prescan Measurement: Detectors: X QP / + AV  
 Meas Time: see scan settings  
 Peaks: 8  
 Acc Margin: 25 dB



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Prescan Measurement: Detectors: X QP / + AV  
 Meas Time: see scan settings  
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 Acc Margin: 25 dB

### Peak Search Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB	Phase	PE
0.244	56.08	79.00	22.92	N	gnd
16.6	50.26	73.00	22.74	N	gnd
16.84	48.72	73.00	24.28	N	gnd
17.12	48.92	73.00	24.08	N	gnd
17.2	49.12	73.00	23.88	N	gnd
17.48	50.76	73.00	22.24	N	gnd
17.68	49.37	73.00	23.63	N	gnd
23.6	48.74	73.00	24.26	N	gnd

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB	Phase	PE
0.184	52.03	66.00	13.97	N	gnd
0.244	56.21	66.00	9.79	N	gnd
0.368	51.83	66.00	14.17	N	gnd
0.86	45.48	60.00	14.52	N	gnd
0.98	46.55	60.00	13.45	N	gnd
17.2	45.56	60.00	14.44	N	gnd
17.48	46.33	60.00	13.67	N	gnd
17.68	46.14	60.00	13.86	N	gnd

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission

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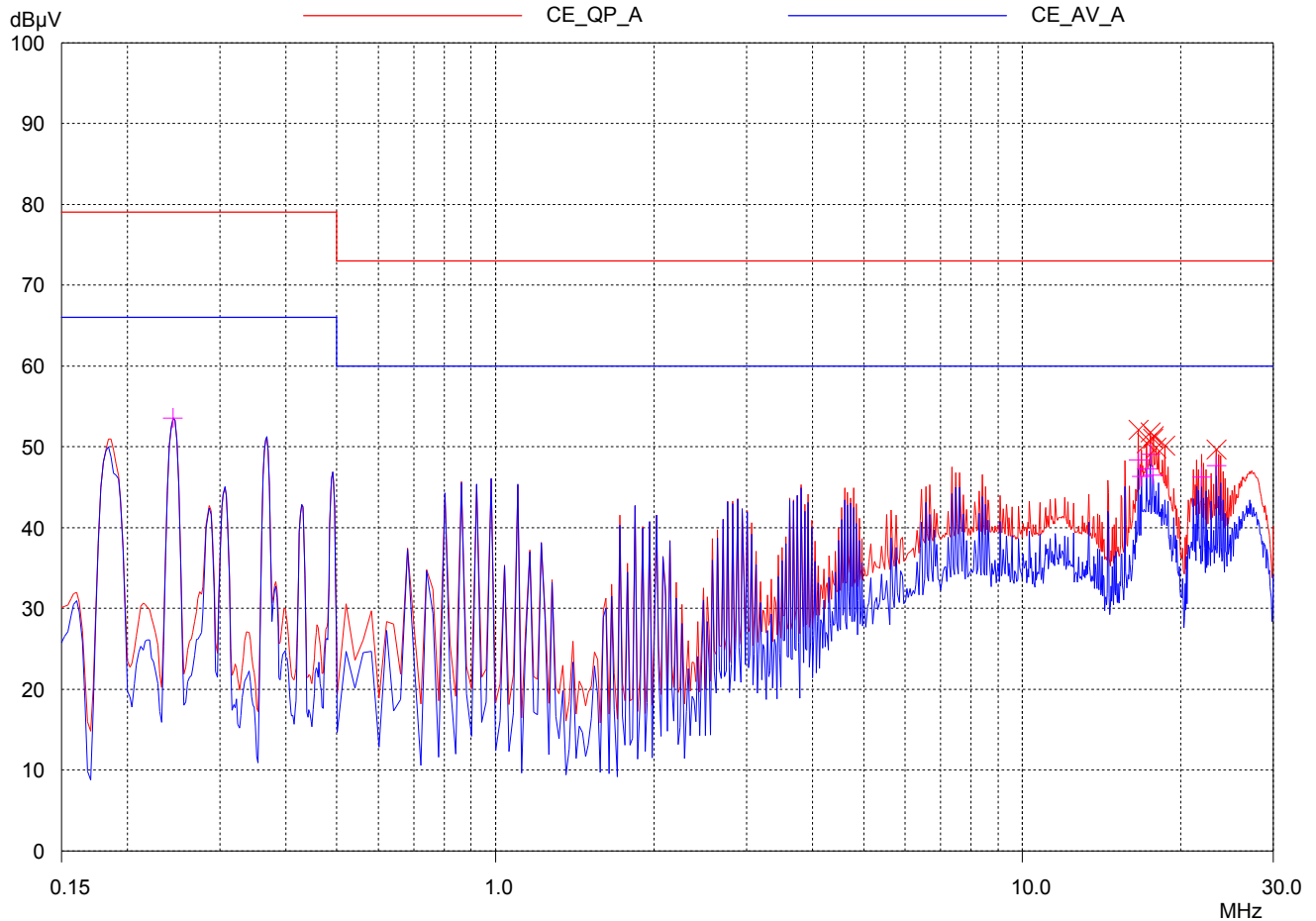
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 Operator:  
 Test Spec: FCC Part 15-- Class A  
 Comment: Load Condition  
 N48V

Scan Settings (3 Ranges)			Receiver Settings					
Frequencies			IF BW	Detector	M-Time	Atten	Preamp	OpRge
Start	Stop	Step	10kHz	QP+AV	1msec	Auto	OFF	60dB
150kHz	500kHz	2kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
500kHz	5MHz	20kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
5MHz	30MHz	40kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	9kHz	30MHz	CEB

Prescan Measurement: Detectors: X QP / + AV  
 Meas Time: see scan settings  
 Peaks: 8  
 Acc Margin: 25 dB



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Frequencies			IF BW	Detector	M-Time	Atten	Preamp	OpRge
Start	Stop	Step						
150kHz	500kHz	2kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
500kHz	5MHz	20kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB
5MHz	30MHz	40kHz	10kHz	QP+AV	1msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	9kHz	30MHz	CEB

Prescan Measurement: Detectors: X QP / + AV  
 Meas Time: see scan settings  
 Peaks: 8  
 Acc Margin: 25 dB

### Peak Search Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB	Phase	PE
16.6	52.08	73.00	20.92	N	gnd
17.2	50.42	73.00	22.58	N	gnd
17.48	51.78	73.00	21.22	N	gnd
17.68	50.97	73.00	22.03	N	gnd
17.76	51.29	73.00	21.71	N	gnd
17.96	49.83	73.00	23.17	N	gnd
18.64	50.15	73.00	22.85	N	gnd
23.32	49.67	73.00	23.33	N	gnd

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB	Phase	PE
0.244	53.56	66.00	12.44	N	gnd
16.6	48.37	60.00	11.63	N	gnd
16.84	46.33	60.00	13.67	N	gnd
17.2	47.27	60.00	12.73	N	gnd
17.48	49.07	60.00	10.93	N	gnd
17.68	46.51	60.00	13.49	N	gnd
21.88	46.26	60.00	13.74	N	gnd
23.32	47.61	60.00	12.39	N	gnd

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission