

Rev 1.0
08.03.2016

Microwave Horn Antenna - PowerLOG® 40400

Frequency Range 4GHz to 40GHz, High Gain and High Max. Power

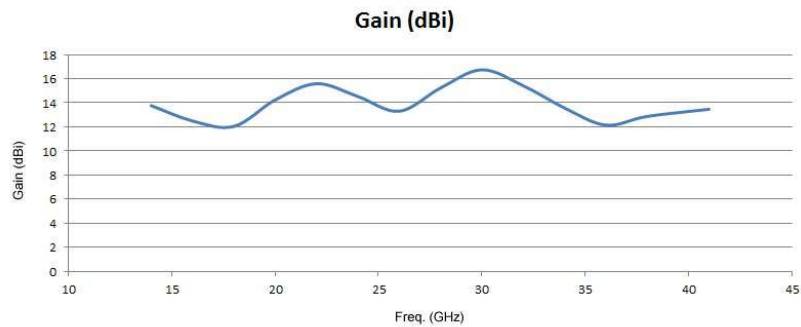
Highlights:

- ◆ Supports very high power up to 300W (peak)
- ◆ Ultra wide frequency range, 4GHz to 40GHz (usable & directional from 700MHz up)
- ◆ Incl. specific calibration data
- ◆ Perfectly usable for EMC immunity tests with very high field strength
- ◆ Very compact design, lightweight
- ◆ 10 years warranty
- ◆ Made in Germany

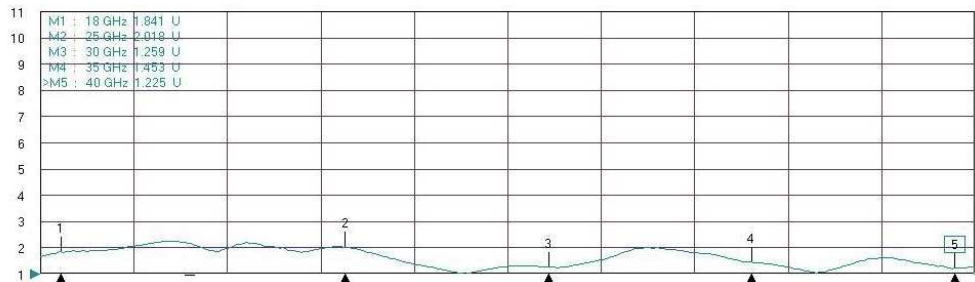
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PowerLOG 40400

- ◆ Frequency range: **4GHz - 40GHz** (usable & directional from 700MHz up, specific calibration data from 18GHz up)
- ◆ Max. Input Power: **300W (peak), 150W (CW)**
- ◆ Gain: **12 to 17dBi**
- ◆ VSWR (typ): < 2:1 (within 18 to 40GHz)
- ◆ Design: Double Ridge Horn
- ◆ Antenna Factor: 24 - 40dB/m
- ◆ Polarization: Vertical or Horizontal
- ◆ Vertical Beamwidth: 16 Deg
- ◆ Horizontal Beamwidth: 20 Deg
- ◆ Nominal impedance: 50 Ohm
- ◆ RF-connector: K (2.92mm), female
- ◆ Temperature range: - 10°C to +60°C
- ◆ Relative Humidity: 5% to 80%
- ◆ Dimensions (L/W/D): 74x55x38 mm
- ◆ Weight: 150g
- ◆ RoHs compliant
- ◆ Incl. Specific Calibration Data (18-40GHz) and mounting plate
- ◆ **Warranty: 10 years**



Gain PowerLOG 40400



VSWR PowerLOG 40400