

Outdoor High Gain Panel Antenna

Product Number : PW-OHG-65-1710/2500

Electrical Specifications

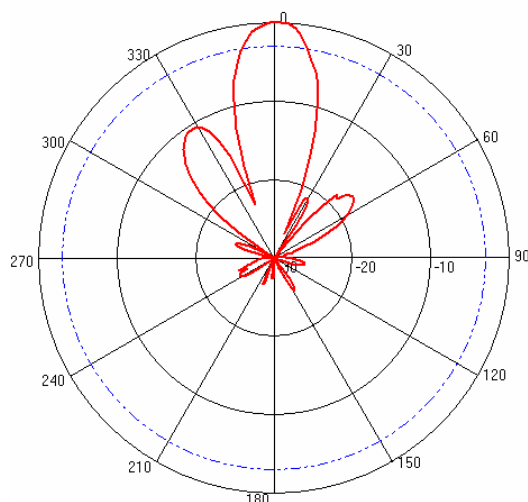
Frequency Range	1710-2500 MHz
Gain 1710-2170Mhz	14.5 dBi
2300-2500Mhz	15.0 dBi
VSWR	< 1.4
Horizontal 3dB Beam-width	65° ± 10°
Vertical 3dB Beam-width	17° ± 4°
Front-Back Ratio	> 25dB
Polarization	Vertical
Impedance	50Ω
Maximum Input Power	200 W
Connector	N-Female with pigtail
IM.3 rd Order(2x43dBm)	<-150dBc
Lightning Protection	Direct Ground



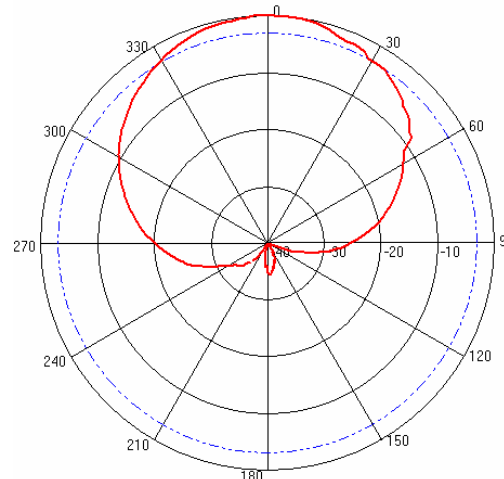
Mechanical Specifications

Dimension (LxWxH)	700x200x65 mm
Weight of Antenna	3kg
Weight of Mounting Kits	0.5kg
Diameter of Installation Pole	Φ50mm ~110mm
Radome Material	Fiberglass
Horizontal	360°
Angle of Pitch	0 ~ -15° (Optional-for Pole Mounting)
Rated Wind Velocity	241km/h

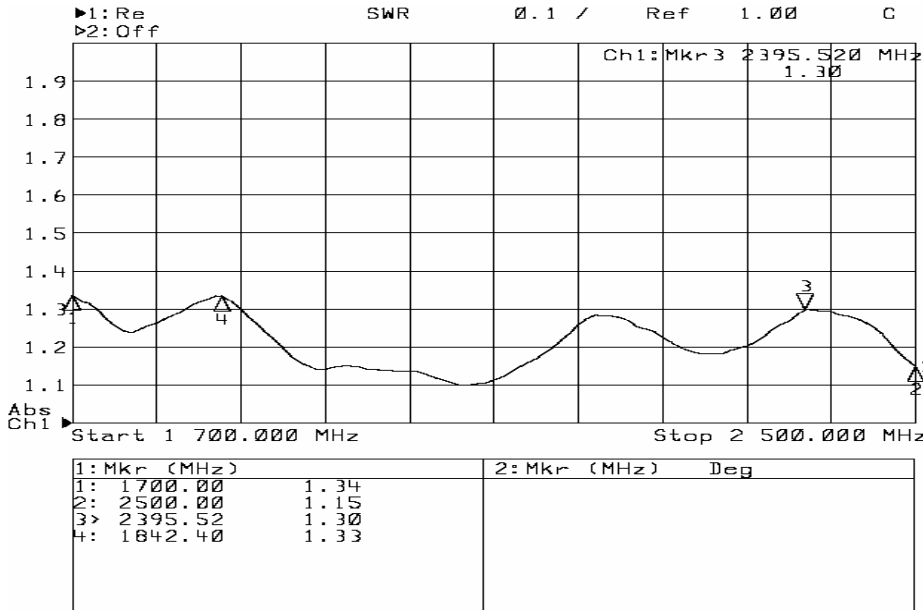
Vertical Pattern



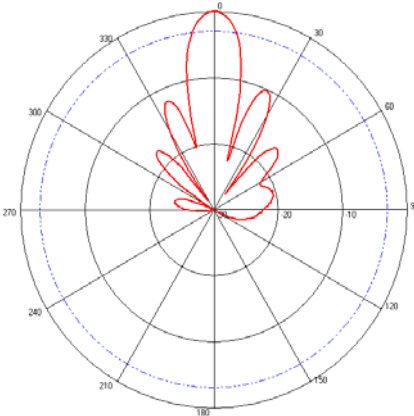
Horizontal Pattern



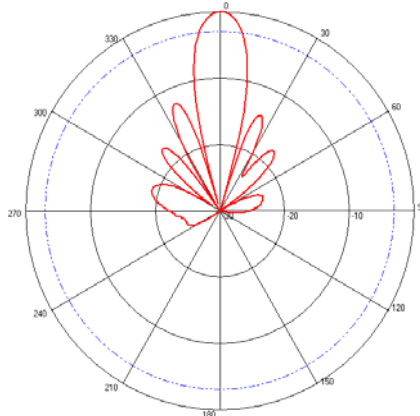
VSWR OF PW-OHG-65-1710/2500



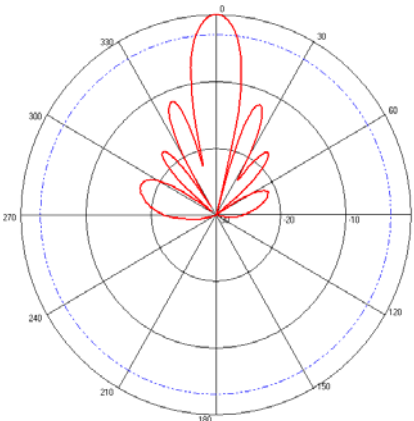
Pattern of PW-OHG-65-1710/2500 E Plane(Vertical)



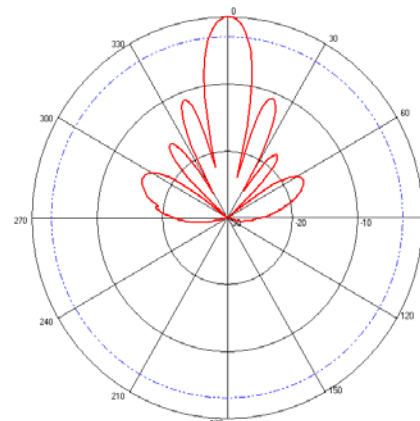
Frequency:1700MHz
Gain:14.1dBi 3dB Beamwidth:15.5°



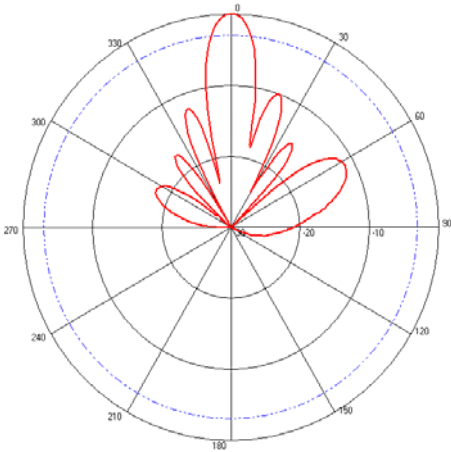
Frequency:1900MHz
Gain:14.4dBi 3dB Beamwidth:15°



Frequency:2100MHz
Gain:14.8dBi 3dB Beamwidth:14.5°

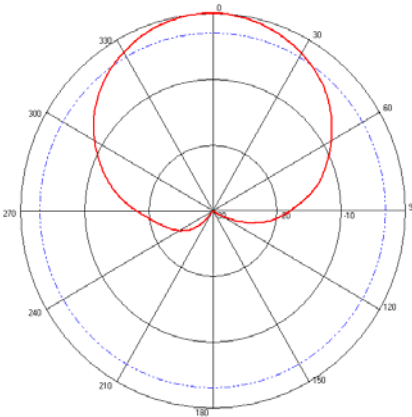


Frequency:2300MHz
Gain:15.0dBi 3dB Beamwidth:13.5°

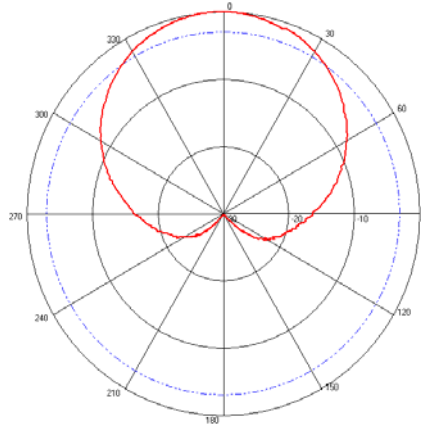


Frequency: 2500MHz
Gain: 15.1dBi 3dB Beamwidth: 13°

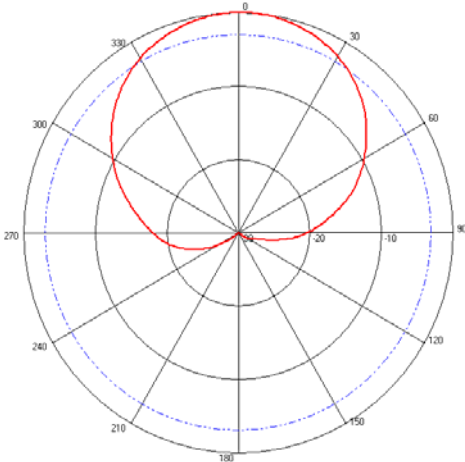
Pattern of PW-OHG-65-1710/2500 H Plane (Horizontal)



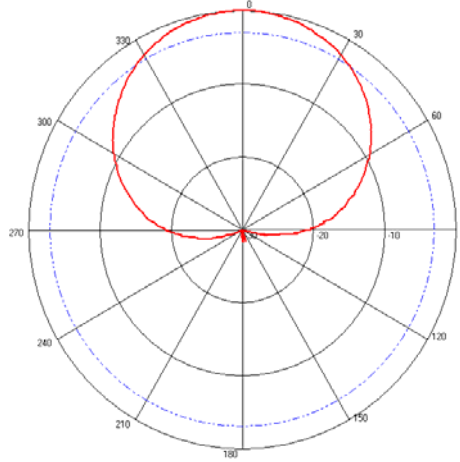
Frequency: 1700MHz
3dB Beamwidth: 71°



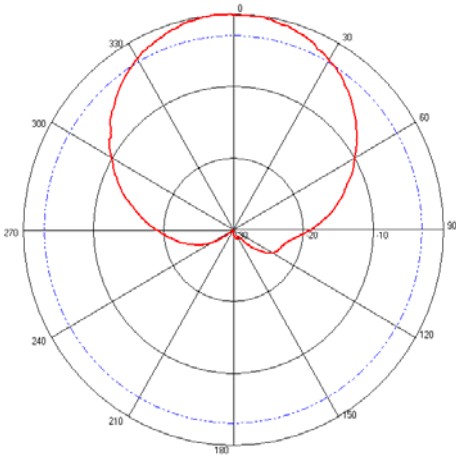
Frequency: 1900MHz
3dB Beamwidth: 70°



Frequency: 2100MHz
3dB Beamwidth: 68°



Frequency: 2300MHz
3dB Beamwidth: 66°



Frequency: 2500MHz
3dB Beamwidth: 63°