

For reference only. See data sheet for the detailed specifications.

Technical Specification



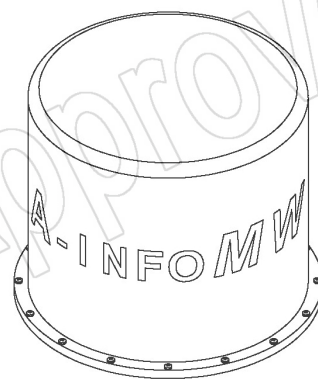
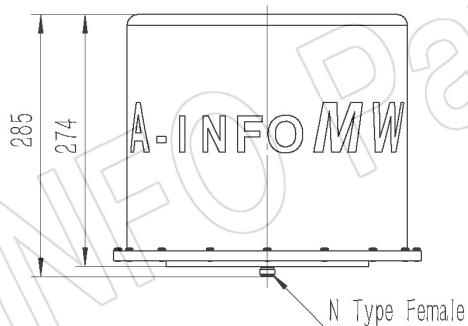
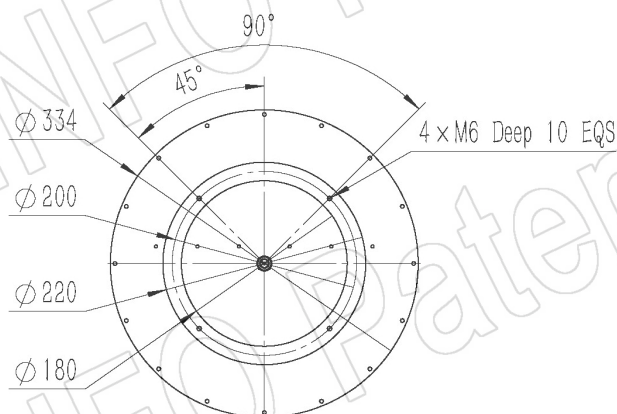
Frequency Range(GHz)	0.2 – 6.0
Gain(dBi)	0 Typ.
Polarization	Linear
VSWR	2.0:1 Typ.
Connector	N-Female
Material	Al
Size(mm)	334 x 334 x 285
Net Weight(Kg)	2.92 Around

PATENT ID (China)

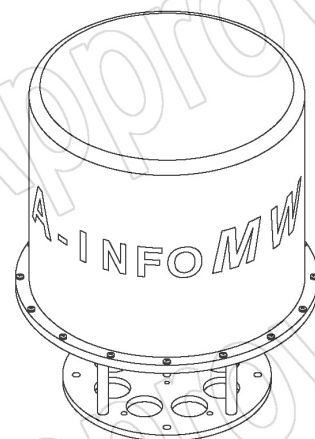
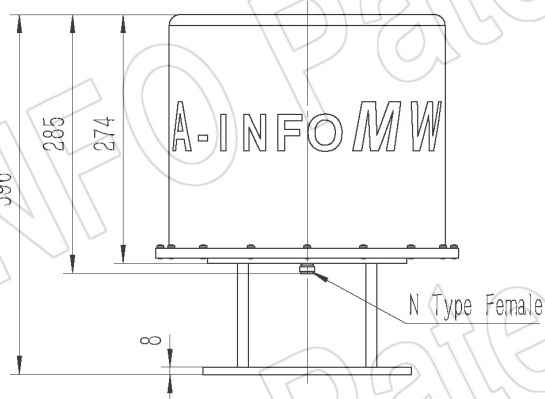
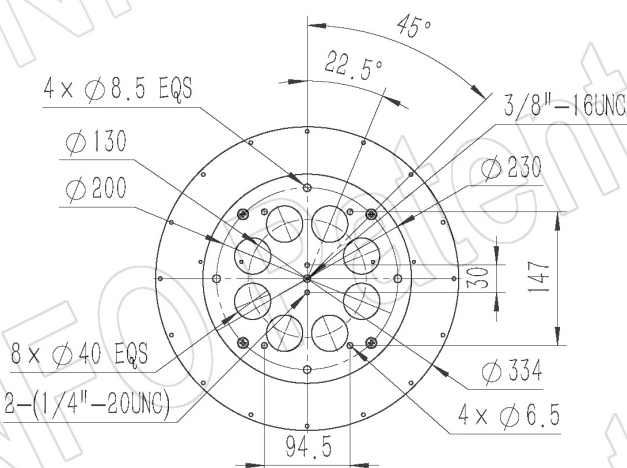
ZL202221269985.4, ZL201630458346.6

Outline Drawing (Size: mm)

N-Female Output (P/N: OA-200-6000-0)

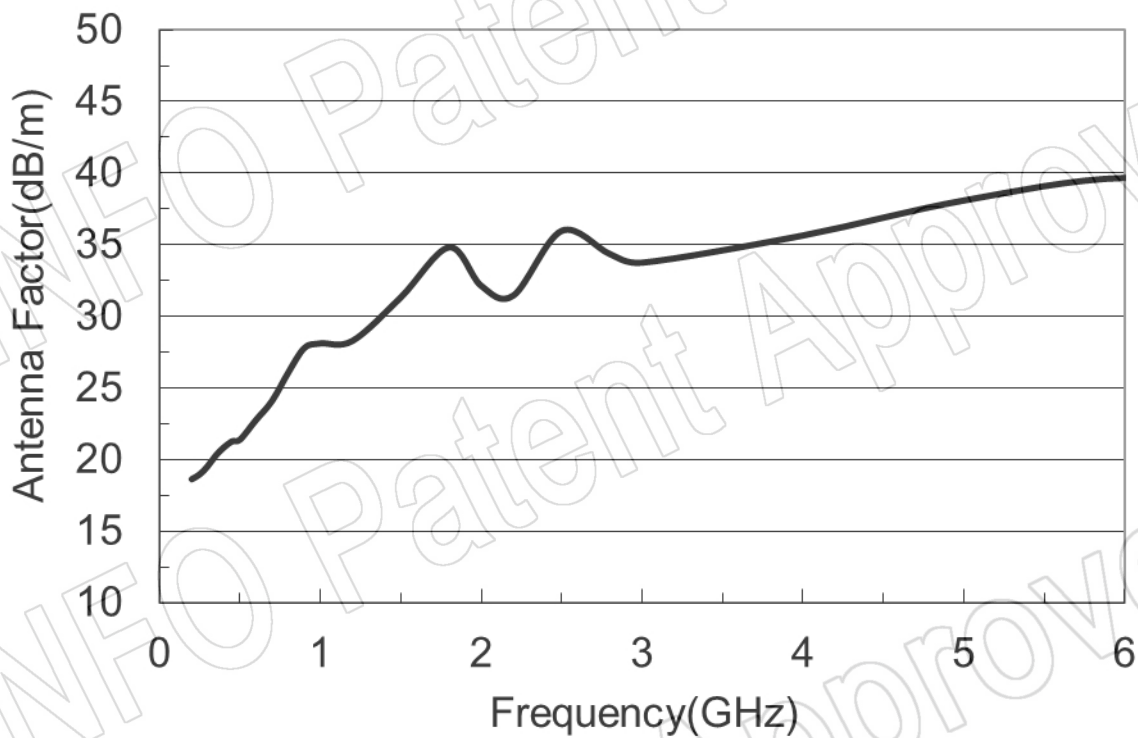
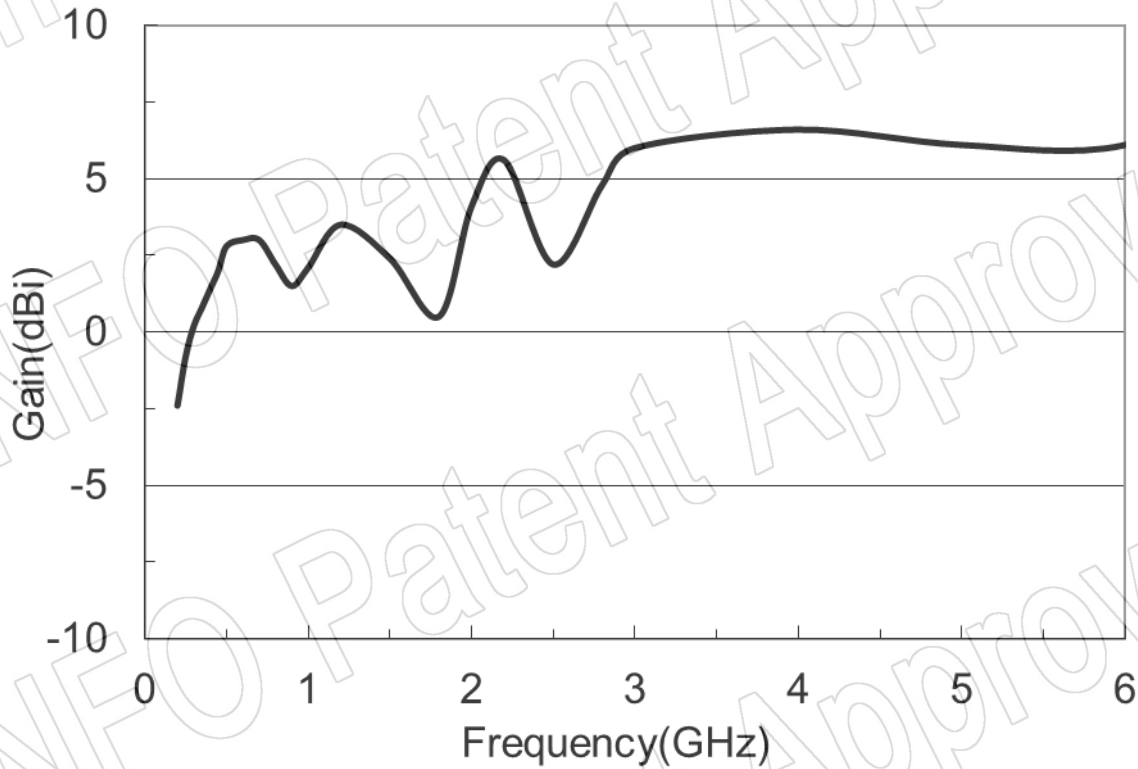


N-Female output with Round Mounting Bracket (P/N: OA-200-6000-0-MB)



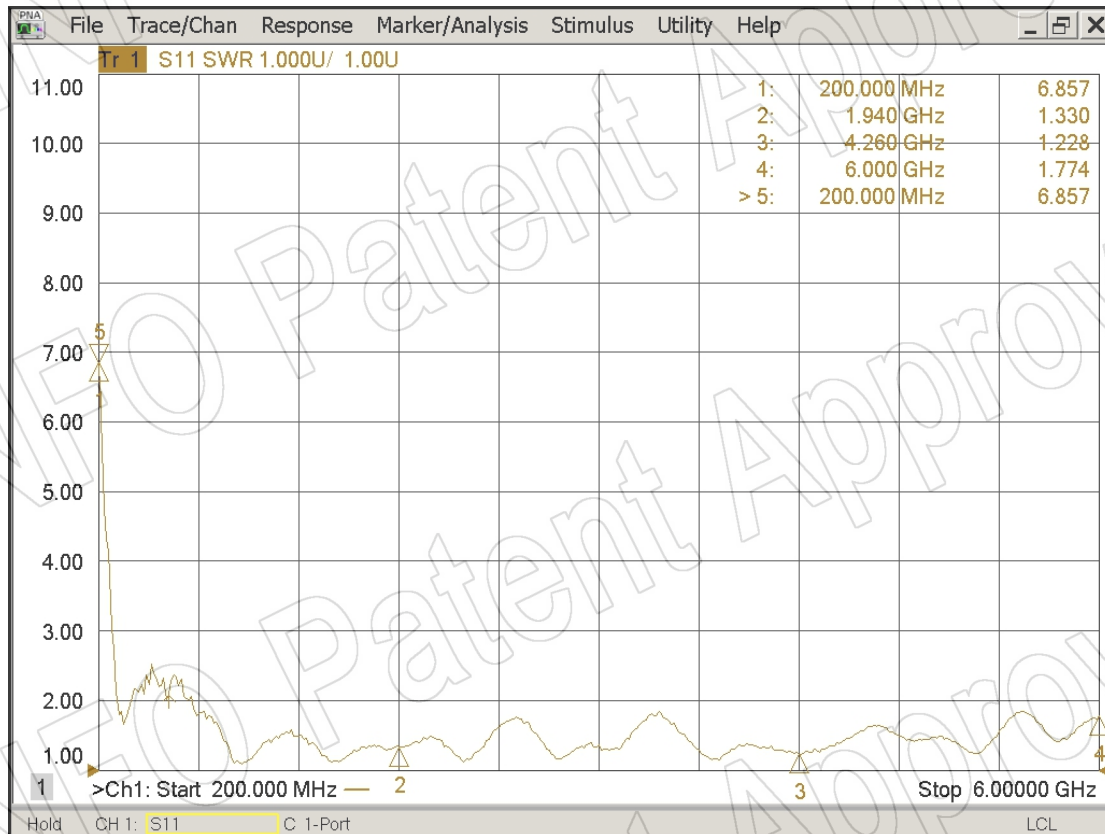
Test Results

1. Gain & Antenna Factor



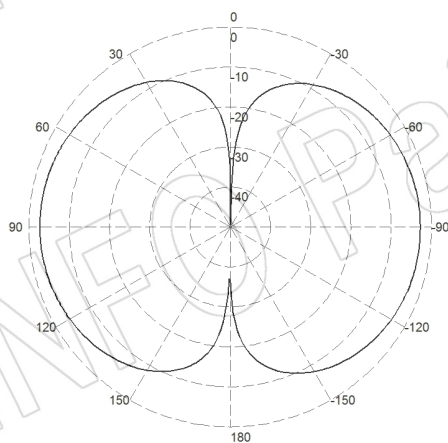
Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
0.20	-2.4	18.63
0.25	-0.8	18.97
0.30	0.2	19.55
0.35	0.8	20.29
0.40	1.4	20.85
0.45	2.0	21.27
0.5	2.8	21.39
0.6	3.0	22.77
0.7	3.0	24.11
0.8	2.2	26.07
0.9	1.5	27.79
1.0	2.1	28.11
1.2	3.5	28.29
1.5	2.4	31.33
1.8	0.5	34.82
2.0	4.1	32.13
2.2	5.6	31.46
2.5	2.2	35.97
2.8	4.8	34.35
3.0	6.0	33.75
4.0	6.6	35.65
5.0	6.1	38.09
6.0	6.1	39.67

2. VSWR

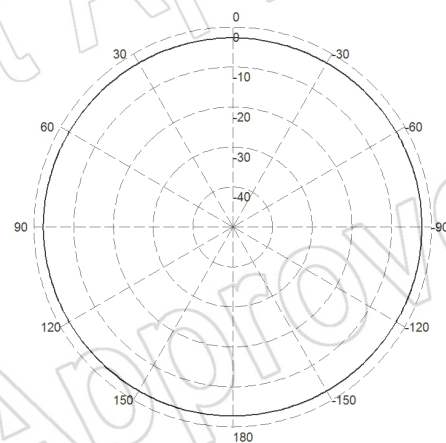


3. Pattern

Frequency: 0.2GHz

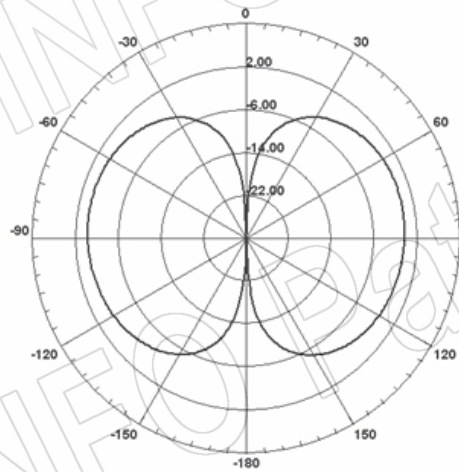


E-Plane

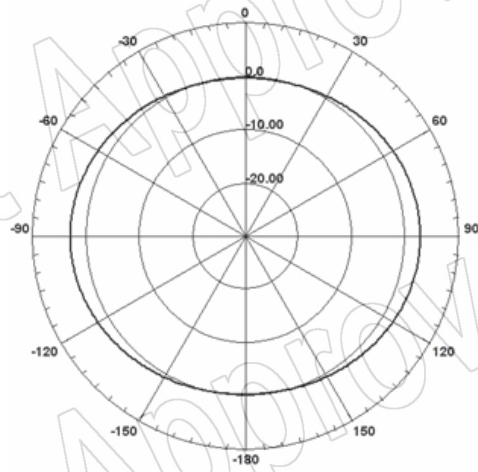


H-Plane

Frequency: 0.5GHz

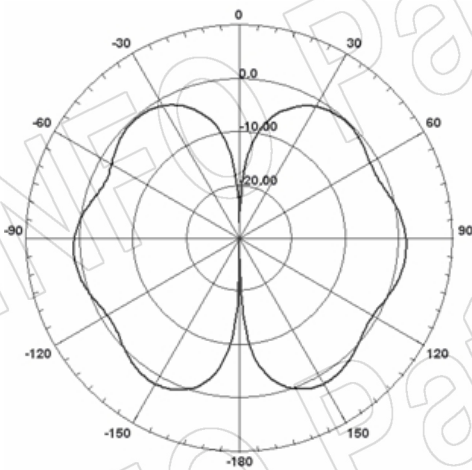


E-Plane

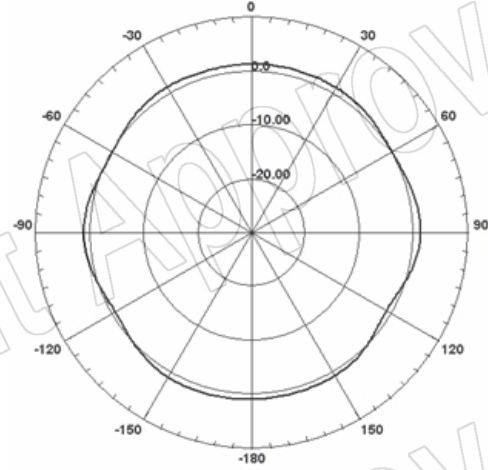


H-Plane

Frequency: 1.0GHz

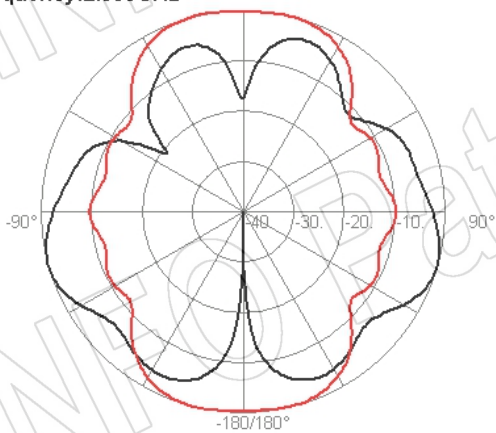


E-Plane



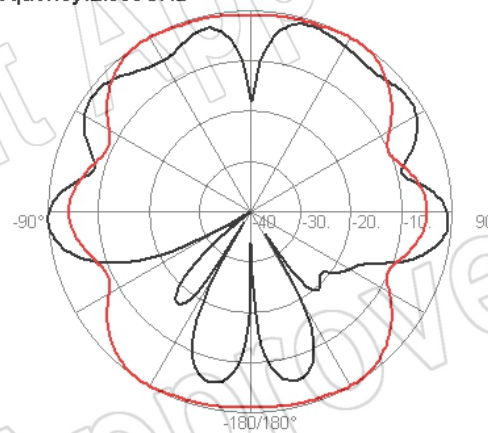
H-Plane

Frequency: 2.000GHz



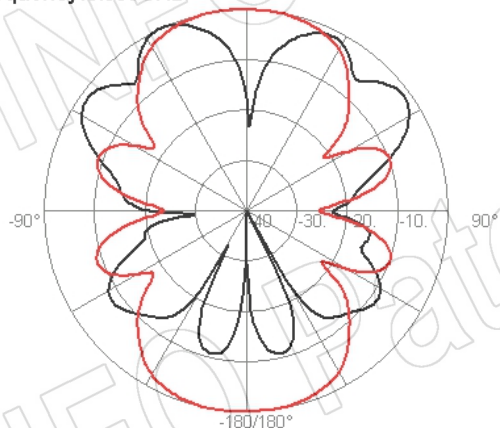
H-Plane — 3dB Beamwidth(deg):65.51
E-Plane — 3dB Beamwidth(deg):32.88

Frequency: 2.500GHz



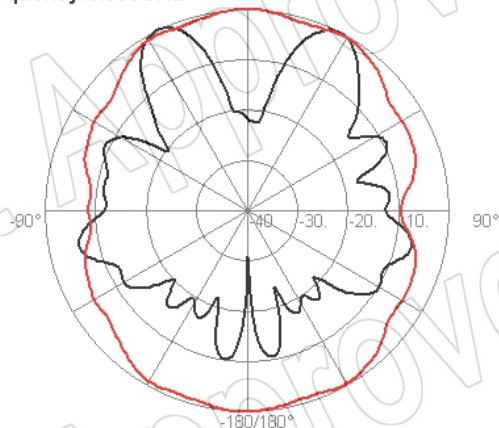
H-Plane — 3dB Beamwidth(deg):-131.29
E-Plane — 3dB Beamwidth(deg):19.29

Frequency:3.000GHz



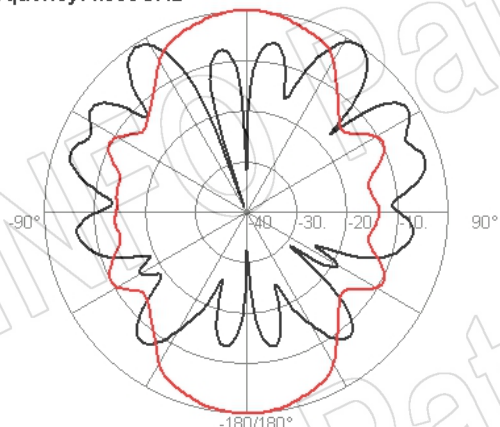
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):-148.57 3dB Beamwidth(deg):21.19

Frequency:3.500GHz



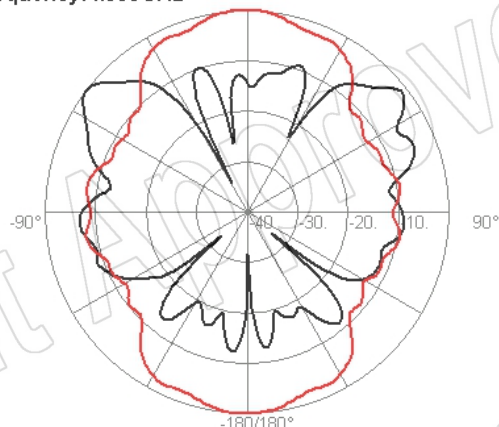
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):88.28 3dB Beamwidth(deg):15.59

Frequency:4.000GHz



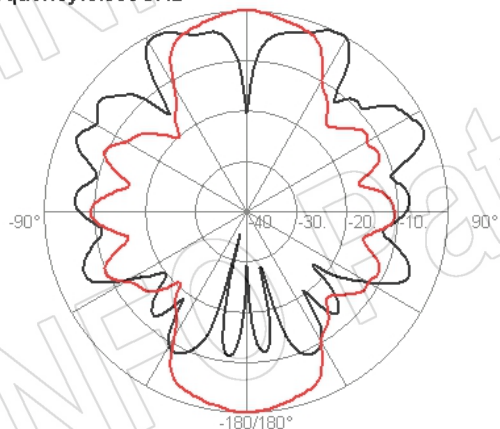
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):-155.83 3dB Beamwidth(deg):12.82

Frequency:4.500GHz



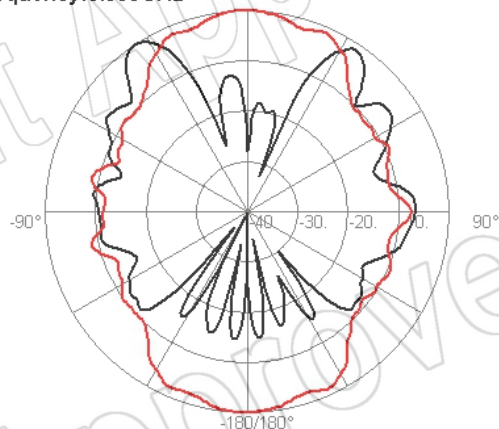
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):-148.69 3dB Beamwidth(deg):13.42

Frequency:5.000GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):-108.00 3dB Beamwidth(deg):16.57

Frequency:5.500GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):57.58 3dB Beamwidth(deg):12.89

