

Test report is for reference only.

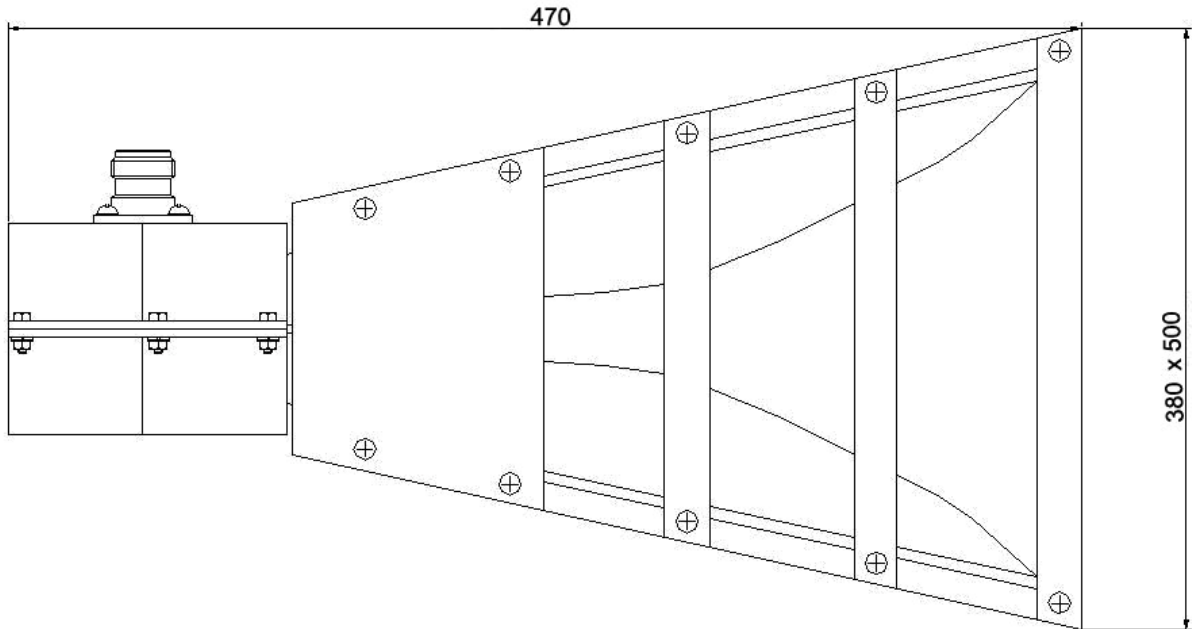
TEST REPORT
for
OBH-530



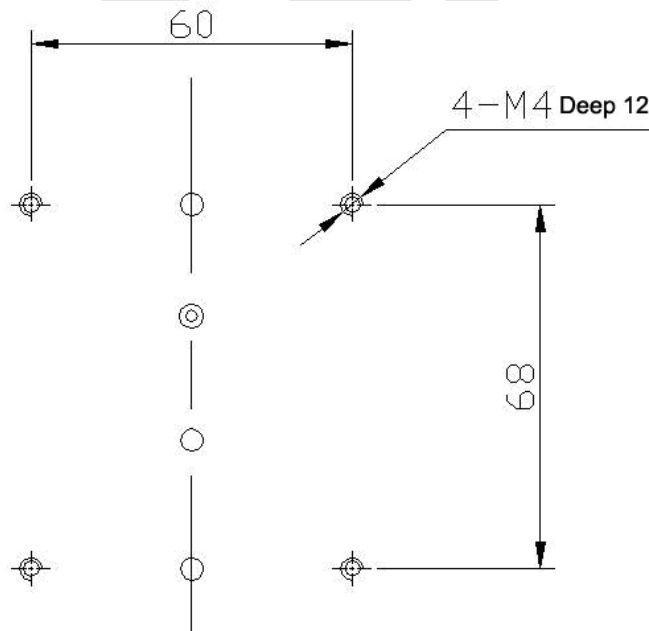
Technical Specification

Frequency Range	Gain(Typ.)	Polarization	VSWR(Typ.)	Connector	Net Weight
0.5-3.0GHz	8.5dBi	Linear	2.0:1	N-Female	9.87Kg Around

Outline Drawing (Size: mm)



Mounting Drawing



Test Instruments

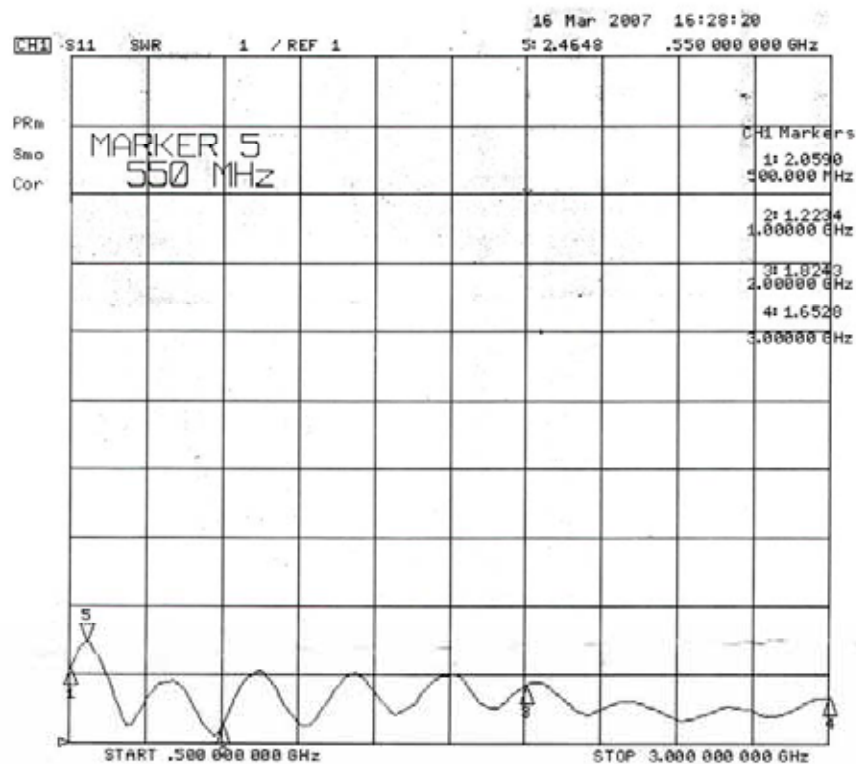
- Agilent 83630B
- AV4033
- HP8720D

Test Results

1. Gain

Frequency(MHz)	Gain(dB)	Frequency(MHz)	Gain(dB)	Frequency(MHz)	Gain(dB)
500	6.98	1400	8.95	2300	11.68
600	7.56	1500	8.96	2400	12.59
700	8.61	1600	10.76	2500	12.50
800	8.82	1700	8.96	2600	12.17
900	9.70	1800	9.06	2700	12.64
1000	9.51	1900	10.00	2800	12.11
1100	9.97	2000	10.53	2900	12.80
1200	8.23	2100	10.65	3000	12.00
1300	8.69	2200	11.47		

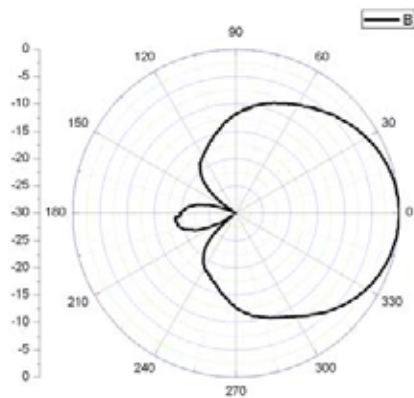
2. VSWR



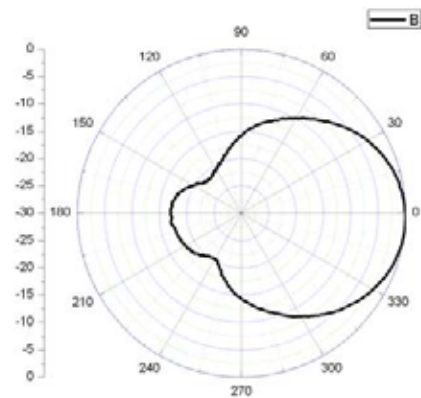
3. Pattern

Frequency: 500MHz

E Plane

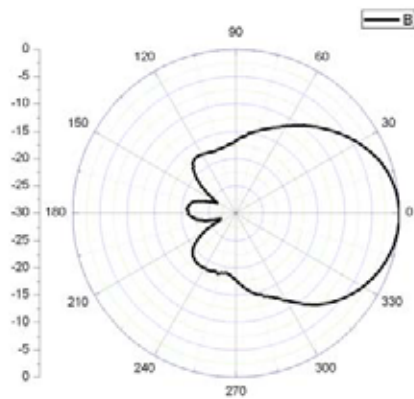


H Plane

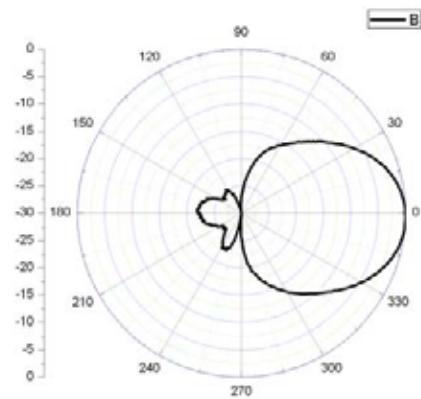


Frequency: 750MHz

E Plane

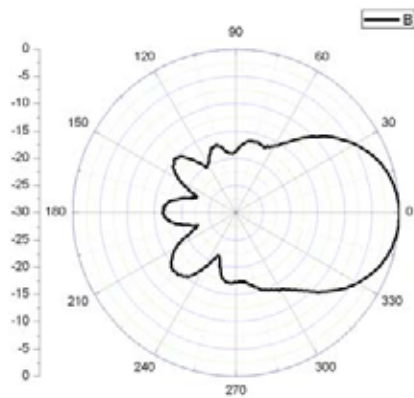


H Plane

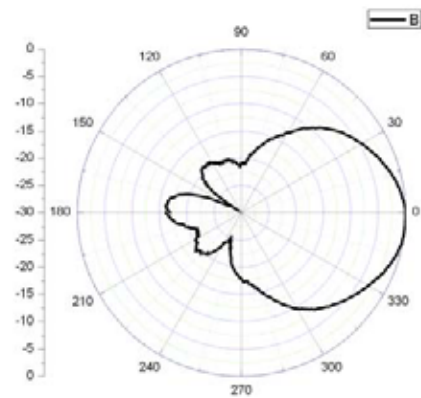


Frequency: 1000MHz

E Plane

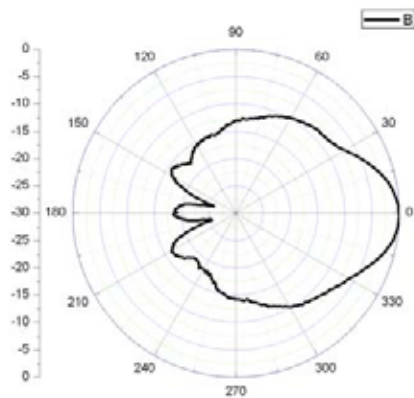


H Plane

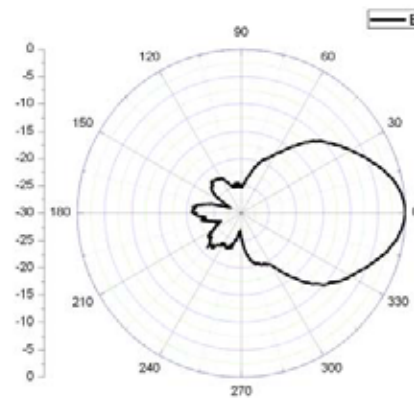


Frequency: 1250MHz

E Plane

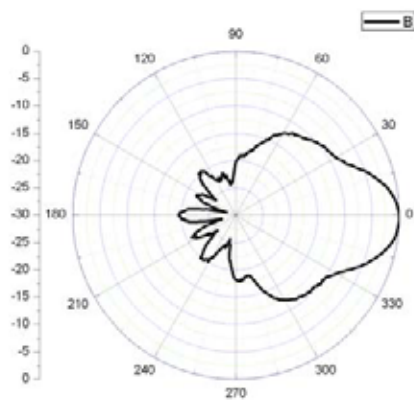


H Plane

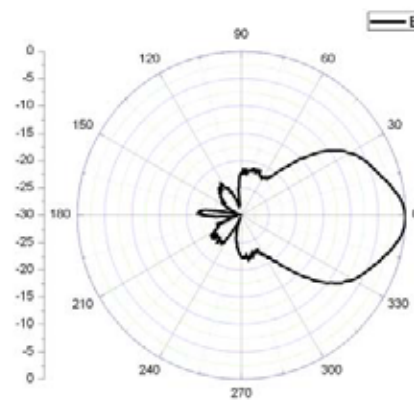


Frequency: 1500MHz

E Plane

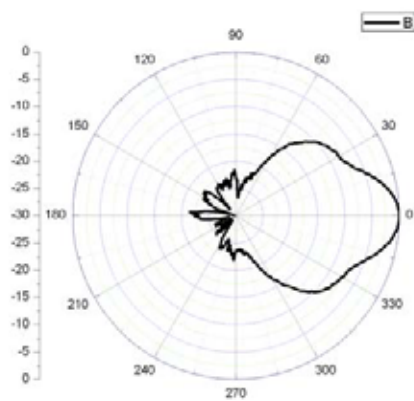


H Plane

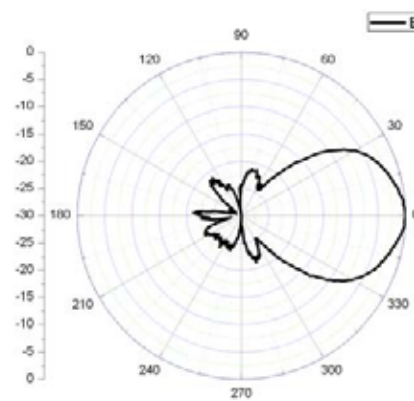


Frequency: 1750MHz

E Plane

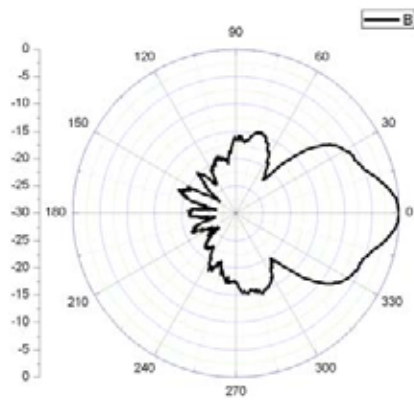


H Plane

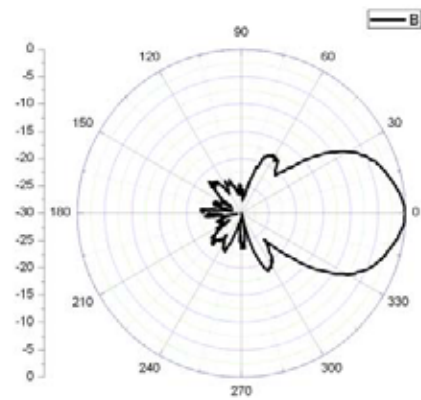


Frequency: 2000MHz

E Plane

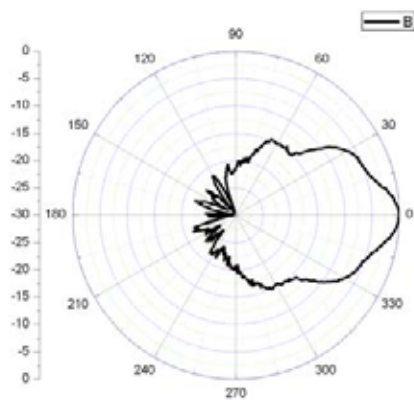


H Plane

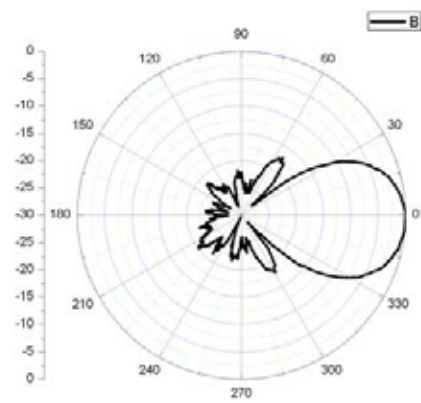


Frequency: 2250MHz

E Plane

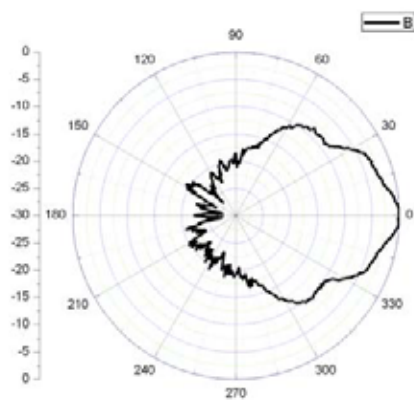


H Plane

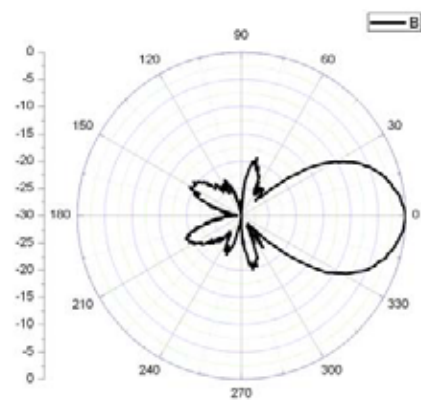


Frequency: 2500MHz

E Plane

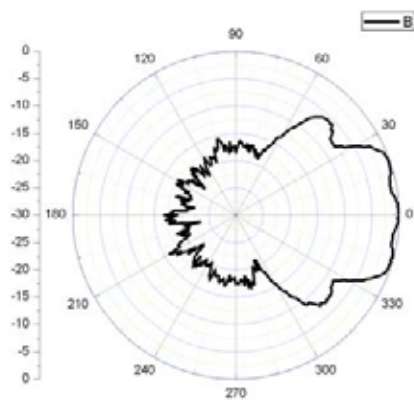


H Plane

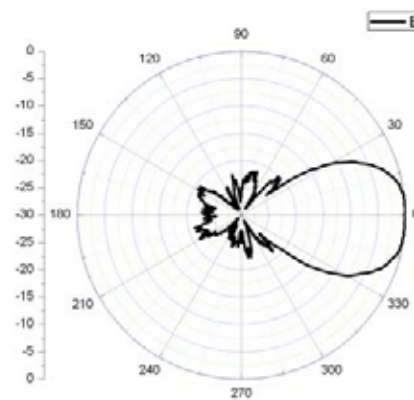


Frequency: 2750MHz

E Plane

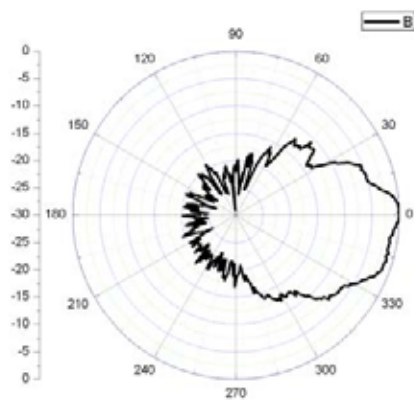


H Plane



Frequency: 3000MHz

E Plane



H Plane

