

Test report is for reference only.

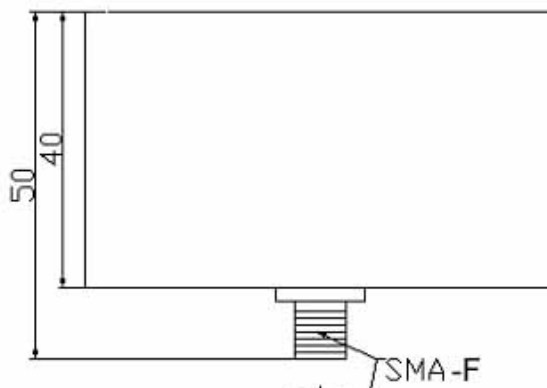
TEST REPORT
For
OBS-20180SB



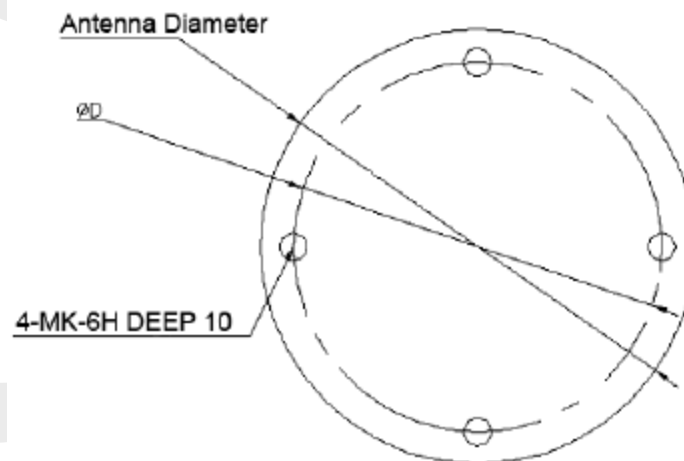
Technical Specification

Polarization	RHCP or LHCP
Frequency Range(GHz)	2-18
Gain(dBic)	-8.5 @2GHz
	1.5 @8GHz
	1.5 @18GHz
Beamwidth(°)	110 - 55
Axial Ratio(dB)	8 max
VSWR	2.5:1 Typ.
Connector	SMA-Female
Size(mm)	Φ40 x 50

Outline Drawing



Mounting



Test Instruments

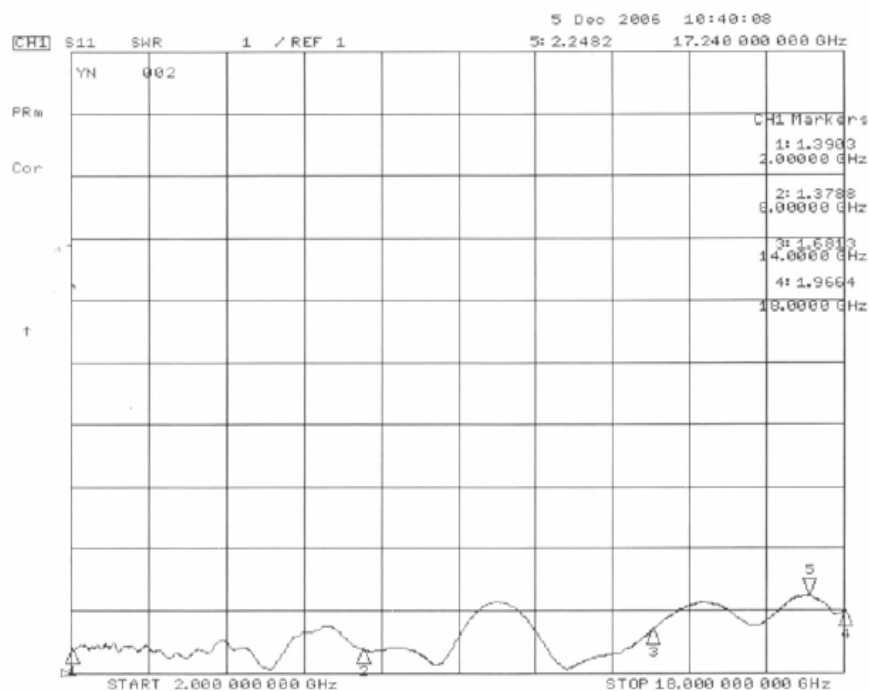
- HP8720D
- AV14812
- AV4033

Test Results

1. Gain

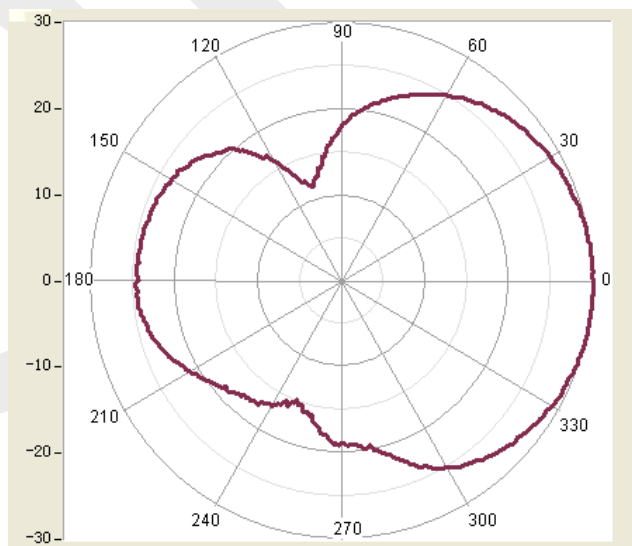
Frequency(GHz)	2	4	8	14	18
Gain(dBic)	-8.5	0.3	1.5	1.7	1.5

2. VSWR

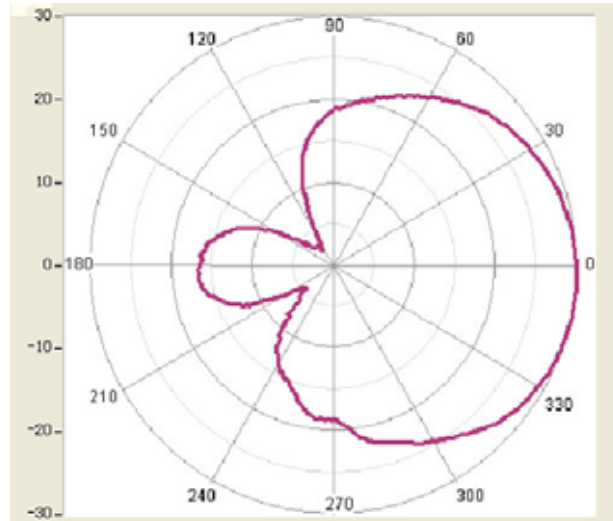


3. Pattern

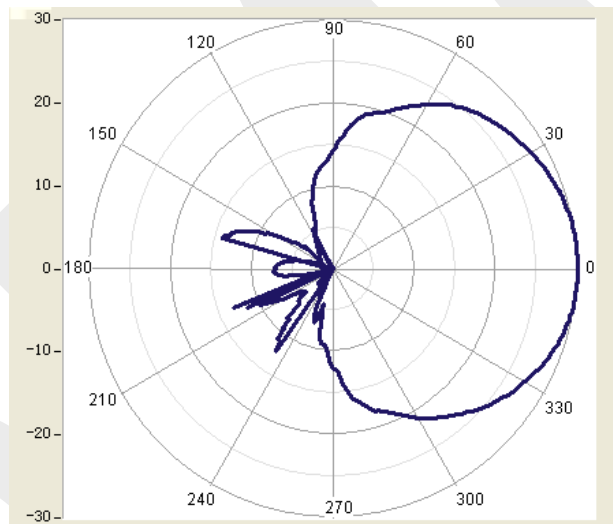
Frequency: 2GHz



Frequency: 4GHz



Frequency: 8GHz



Frequency: 16GHz

