Test report is for reference only.
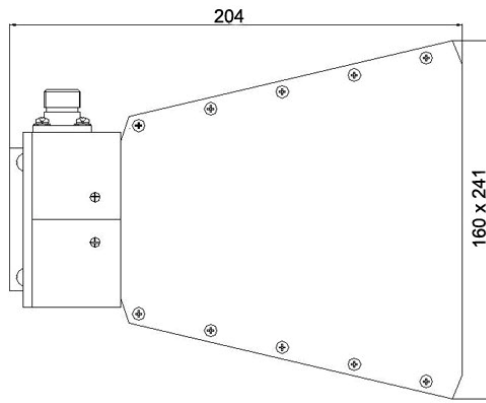
<div style="border:1px solid black; padding:1em; text-align:center">

TEST REPORT

for

OBH-2080

</div>

Technical Specification

Frequency Range	Gain(Typ.)	Polarization	VSWR(Typ.)	Net Weight(Kg)
2-8GHz	10dBi	Linear	2.0:1	1.75 Around

Outline Drawing (Size: mm)

Mounting Bracket (Two Types for Choice)
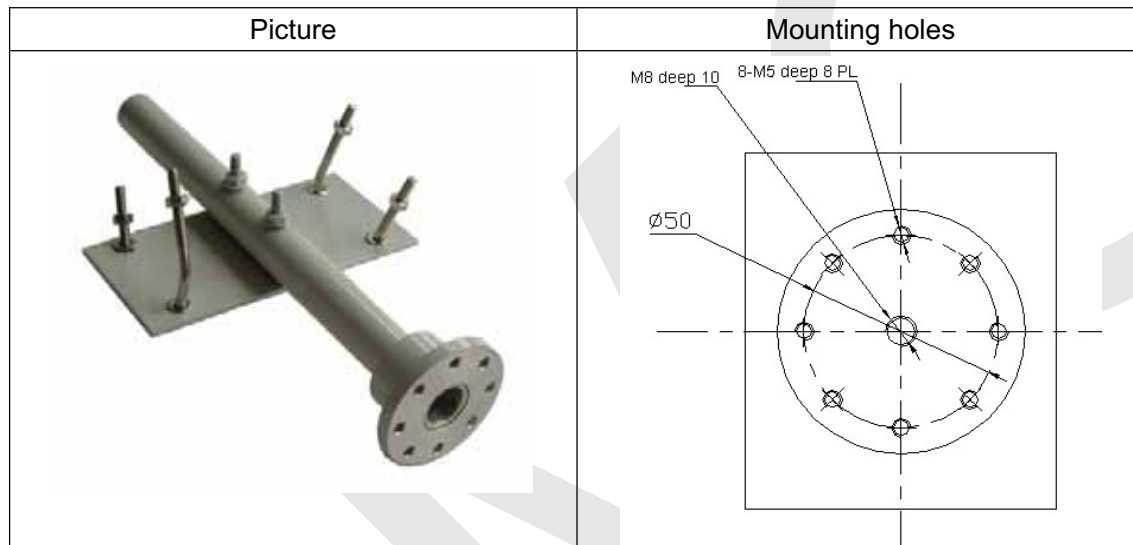
P/N: JJ-01

Picture	Mounting holes

Including the following parts

Item	Name	Specification	Drawing	Quantity pc/set
1	9-hole back plate	Center hole size: Φ8.5mm 8 small hole size: Φ5.5mm Connecting hole for item 2: Φ4.5mm, sink Material: Aluminum alloy， Surface treatment: abrasive blasting	-	1
2	Fixing back plate	Screw thread of connecting with the 9-backplane: M4 Screw thread of connecting with tripod: 1/4"-20 Material: Aluminum alloy, Surface treatment: abrasive blasting	-	1

3	M8 internal hexagonal screw	Stainless steel size: L= 23.5mm	-	1
4	M8 spring gasket	Stainless steel	-	1
5	M8 flat gasket	Stainless steel	-	1
6	M5 crossed screw	Stainless steel L=18mm	-	8
7	M5 spring gasket	Stainless steel	-	8
8	M5 flat gasket	Stainless steel	-	8
9	M4 sink screw	Stainless steel L=12mm For connecting item 1 and item 2.	-	2

P/N: JJ-02

Picture	Mounting holes

Including the following parts

Item	Name	Specification	Drawing	Quantity pc/set
1	Main body of mounting bracket	Using 8-hole flange to connect with antenna Mounting hole diameter: Φ5.5mm Aluminum pole: Φ25mm, L=300mm Fixing board size: 160x80x3mm around Clamp distance: 47mm（the shortest） Clamp hole size: 9x6mm, round corner Screw of Fixing the Fixed board and Aluminum pole: 2pcs, M6, 53mm, Each screw has 2pcs spring gasket and flat gasket Aluminum alloy: with white painting	-	1
2	Clamp	Stainless steel: Φ5mm Space between the arms: 54mm Suitable for 32mm～52mm pole	-	2
3	Clamp flat gasket	Stainless steel	-	4
4	Clamp nut	Stainless steel	-	4

Test Instruments

➢ Agilent 83630B
➢ AV4033
➢ HP8720D

Test Results

1. Gain

Frequency(GHz)	2	3	4	6	8
Gain(dBi)	7.4	11.4	10.1	12.1	12.2

2. VSWR

```
                                          25 Jul 2007   08:51:26
CH1  S11    SWR      1  / REF 1           5: 1.5296      8.000 000 000 GHz

PRm                                                    CH1 Markers
Smo                                                    1: 1.9352
Cor                                                    2.00000 GHz

                                                       2: 2.1106
                                                       3.00000 GHz

                                                       3: 1.3506
                                                       4.00000 GHz

                                                       4: 1.3033
                                                       6.00000 GHz

        START  2.000 000 000 GHz              STOP  8.000 000 000 GHz
```
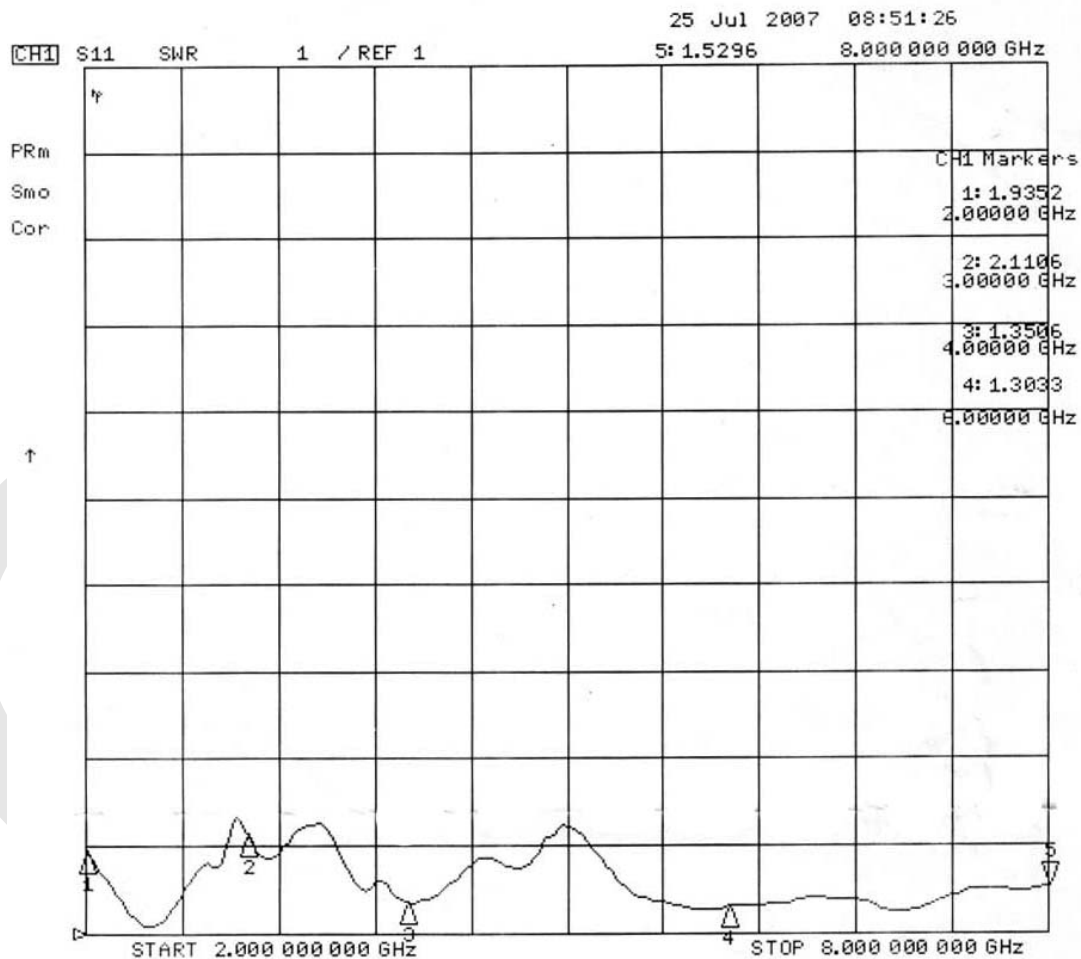
3. Pattern

Frequency: 2GHz
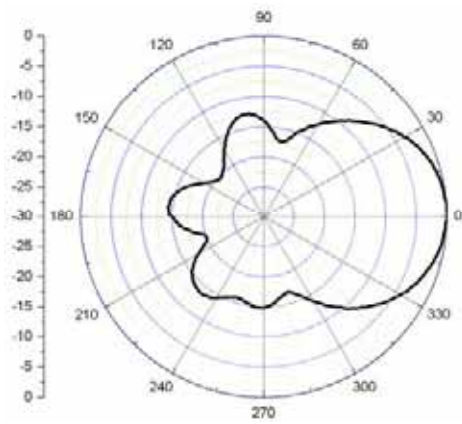
E Plane	H Plane
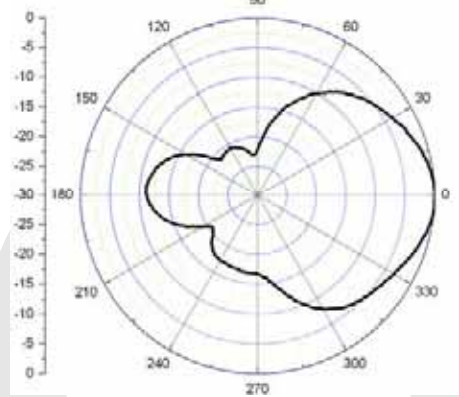
Frequency: 3GHz

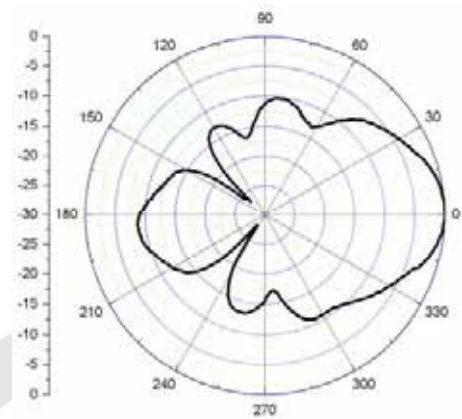| E Plane	H Plane

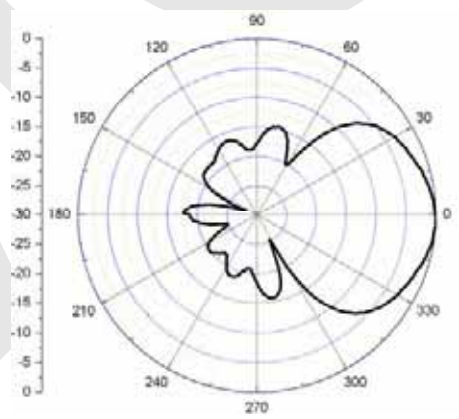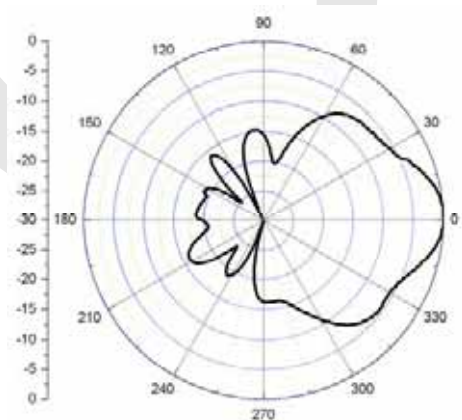Frequency: 4GHz

E Plane	H Plane
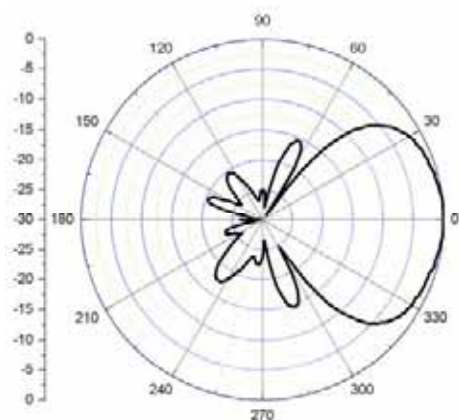
Frequency:6GHz

E Plane
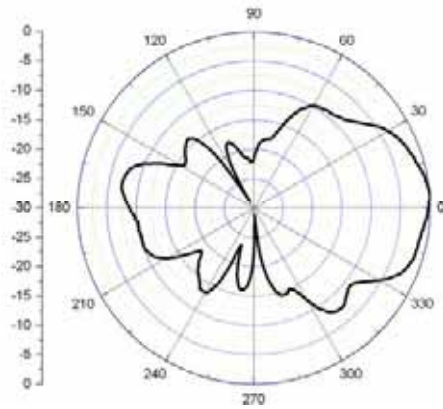
H Plane
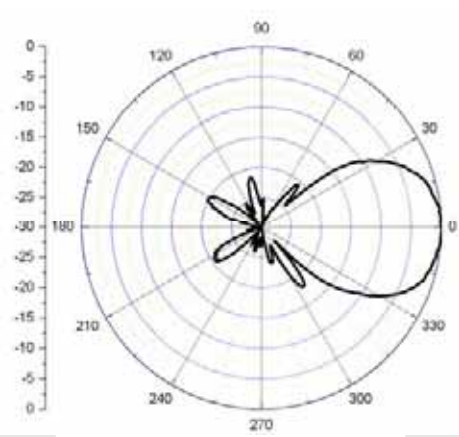
Frequency: 8GHz

E Plane

H Plane