



Test report is for reference only.

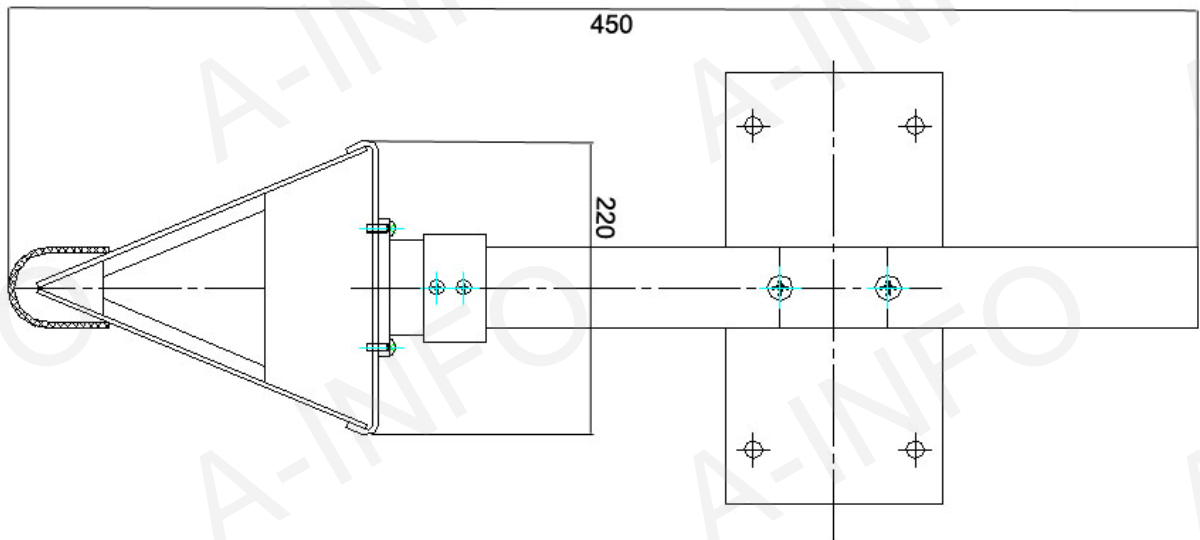
**TEST REPORT**  
for  
**DS-100600**



### Technical Specification


Frequency Range	Gain(Typ.)	Polarization	VSWR(Typ.)	Connector	Size	Net Weight(Kg)
1.0-6.0GHz	6dBi	Linear	3.0:1	N Type	450 x 220mm	1.2 Around

### Outline Drawing



## Mounting Bracket

P/N: JJ-03

Picture	Mounting holes
	-

Including the following parts:

Item	Name	Specification	Drawing	Quantity pc/set
1	Main body of mounting bracket	Using 4-pole flange to connect with antenna Mounting hole diameter: $\Phi 5.5\text{mm}$ Aluminum pole: $\Phi 25\text{mm}$ , $L=300\text{mm}$ around Fixed board size: $160 \times 80 \times 3\text{mm}$ around Clamp distance: $47\text{mm}$ around (the shortest) Clamp hole size: $9 \times 6\text{mm}$ , round corner Screw of Fixing the Fixed board and Aluminum pole: M6, $53\text{mm}$ , 2pcs, M6, $53\text{mm}$ , Each screw has 2pcs spring gasket and flat gasket Aluminum alloy: with white painting	-	1
2	Screw of connecting antenna and mounting bracket	Stainless steel, M5, Length: $21\text{mm}$	-	4
3	Flat gasket	Stainless steel	-	8
4	Spring gasket	Stainless steel	-	8
5	Clamp	Stainless steel, $\Phi 5\text{mm}$ Space between the arms: $54\text{mm}$ Suitable for $32\text{mm} \sim 52\text{mm}$ pole	-	2
6	Clamp flat gasket	Stainless steel	-	4
7	Clamp nut	Stainless steel	-	4

### Test Instruments

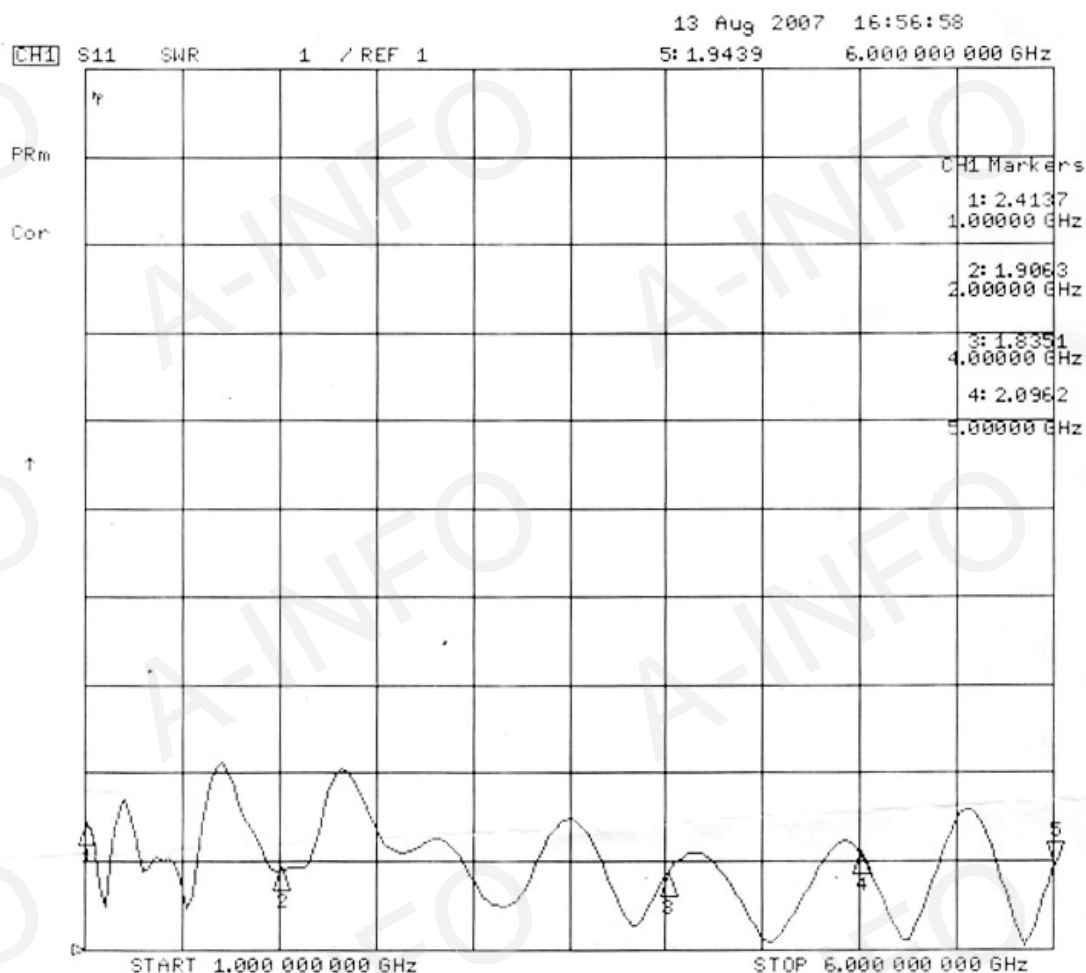
- AV1487B
- HP8592L
- HP8720D

### Test Results

#### 1. Gain

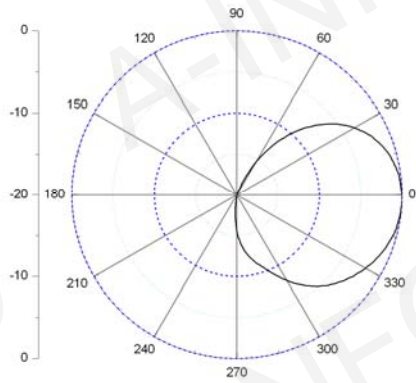
Frequency(GHz)	1	3	6
Gain(dBi)	5.8	6.5	7

#### 2. VSWR

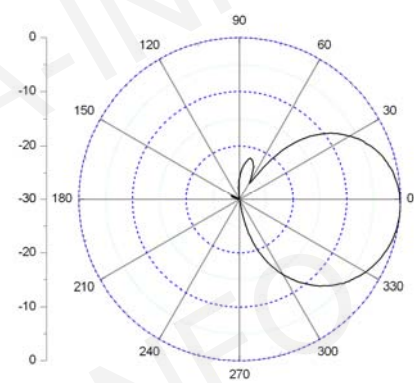


3. Pattern Rel Gain (dB)

Frequency: 1.0GHz

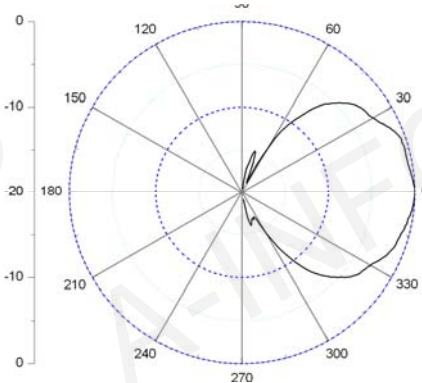


H-Plane

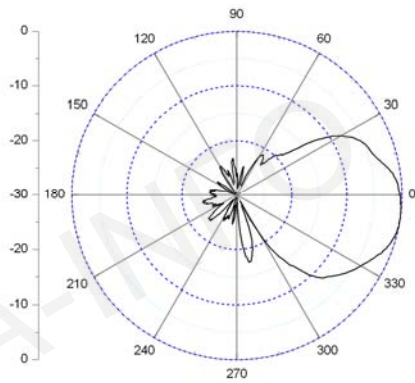


E-Plane

Frequency: 3.0GHz

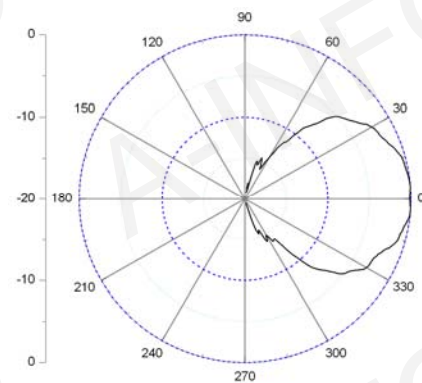


H-Plane

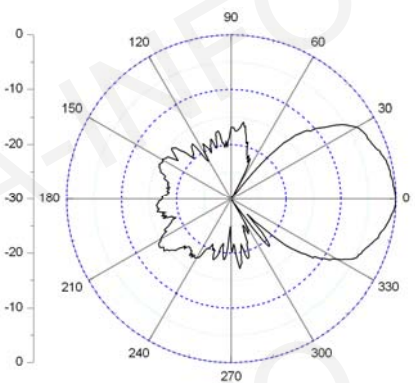


E-Plane

Frequency: 6.0GHz



H-Plane



E-Plane