

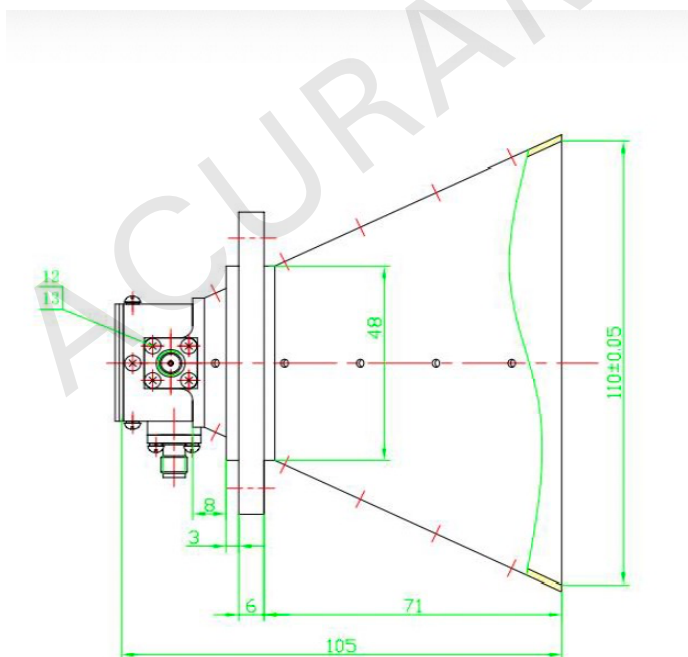


P/N: AMT-DP20180-SF

Technical Specification

	Frequency Range(GHz)	2.0-18.0
	Gain(dBi)	10 Typ.
	Polarization	Dual Polarization
	Port to Port Isolation(dB)	20 Min.
	Cross Polarization Isolation(dB)	20 Min.
	Impedance(Ohms)	50
	Connector	SMA-Female
	VSWR	2.5 Max.
	Material	Al
	Size(mm)	110 x 110 x 105
	Weight(g)	450 approx.

Outline (mm)



Test Result**Gain**

Frequency(GHz)	Gain(dBi)
2.0	5.57
3.0	6.24
4.0	9.48
5.0	9.71
6.0	12.16
7.0	12.41
8.0	13.01
9.0	11.69
10.0	11.86
11.0	11.36
12.0	11.60
13.0	10.54
14.0	10.07
15.0	11.60
16.0	15.26
17.0	16.46
18.0	15.57

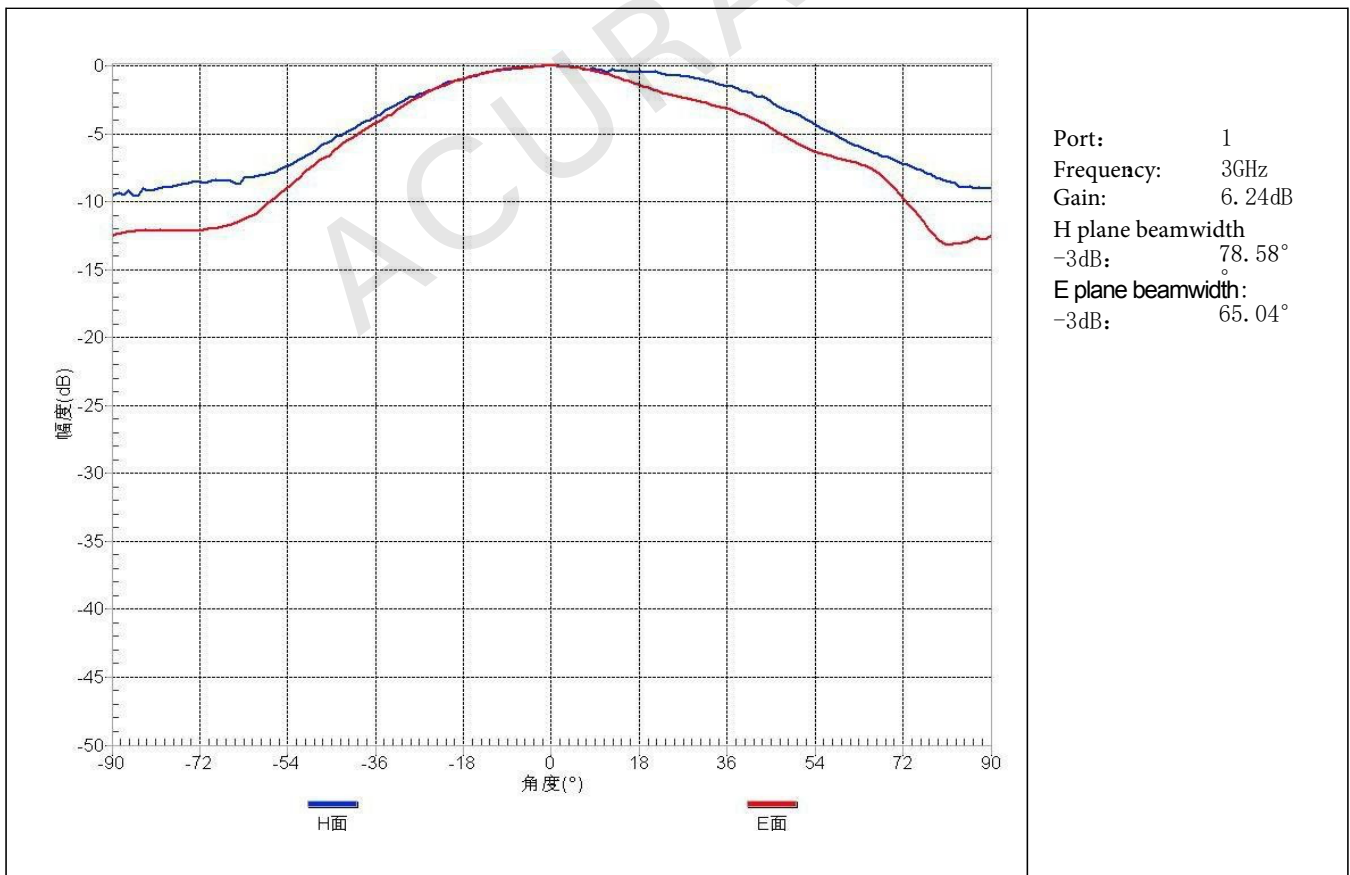
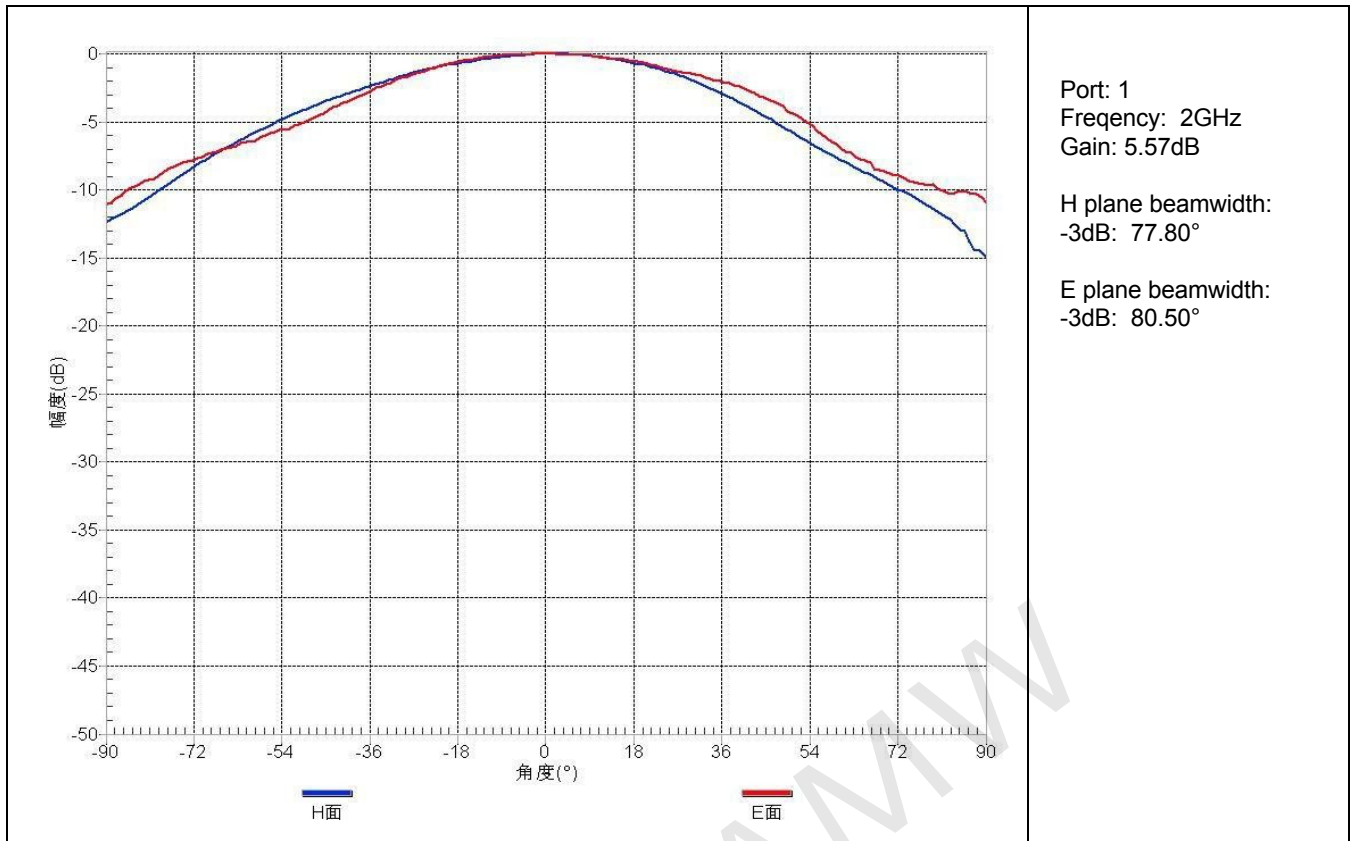


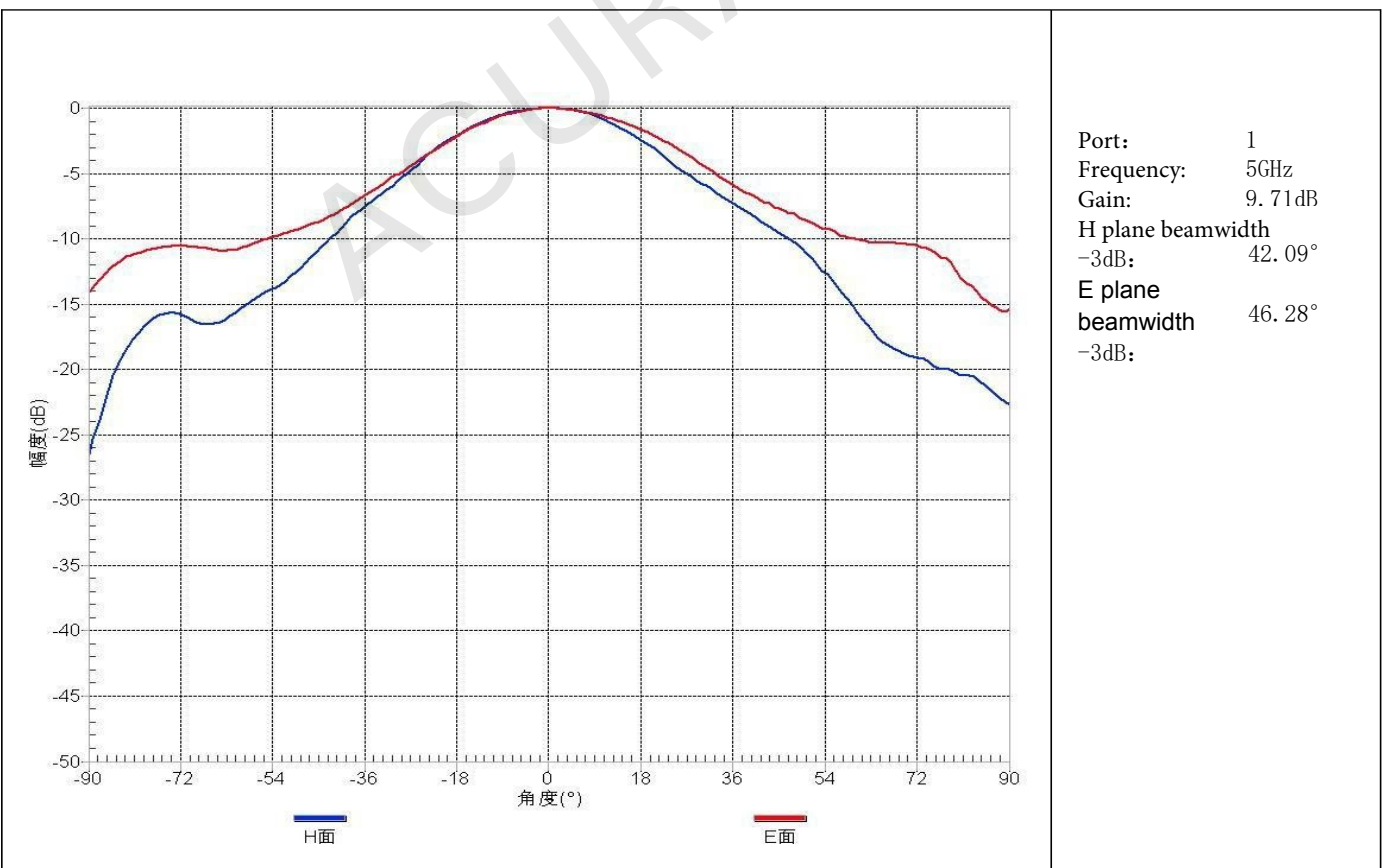
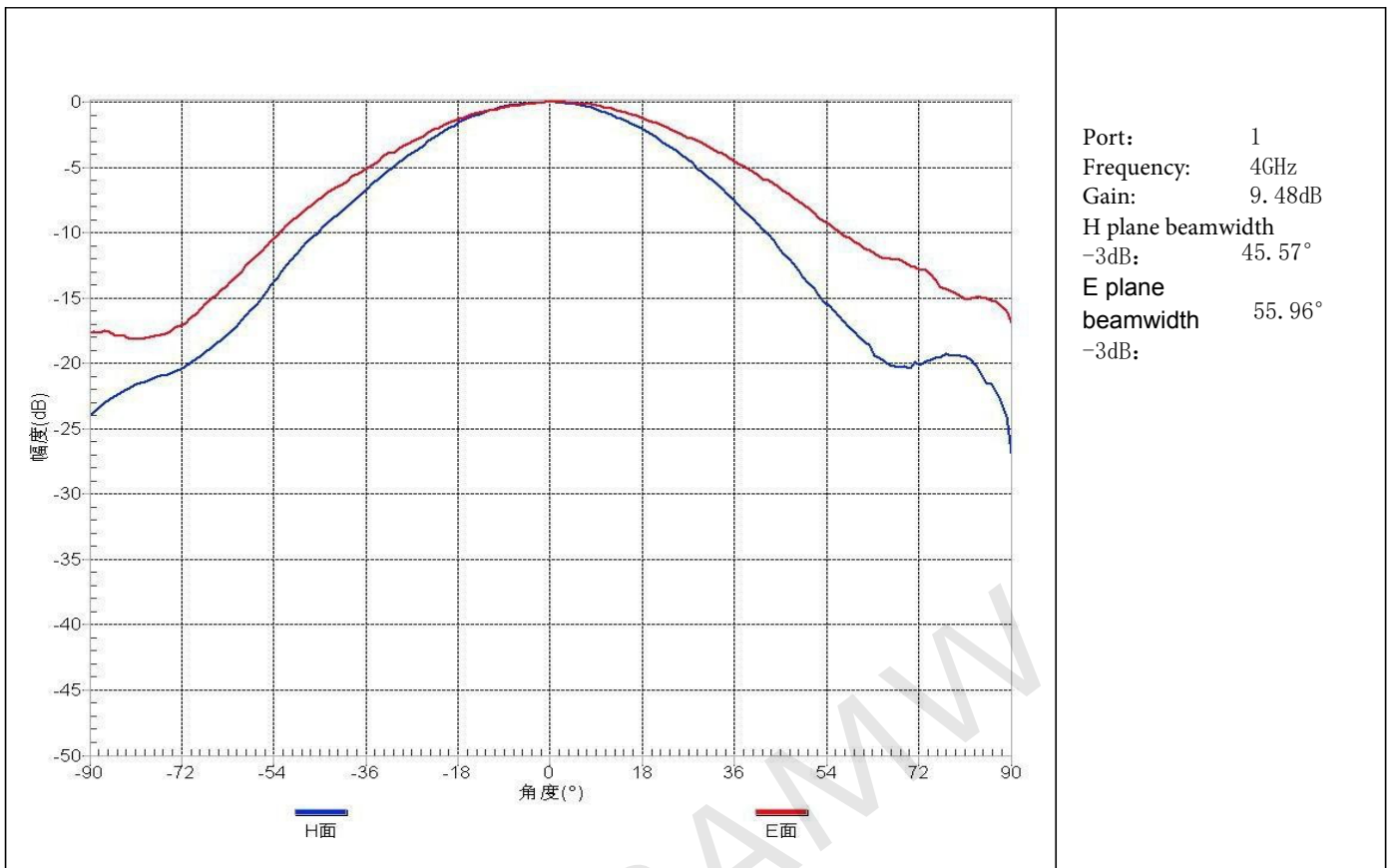
VSWR

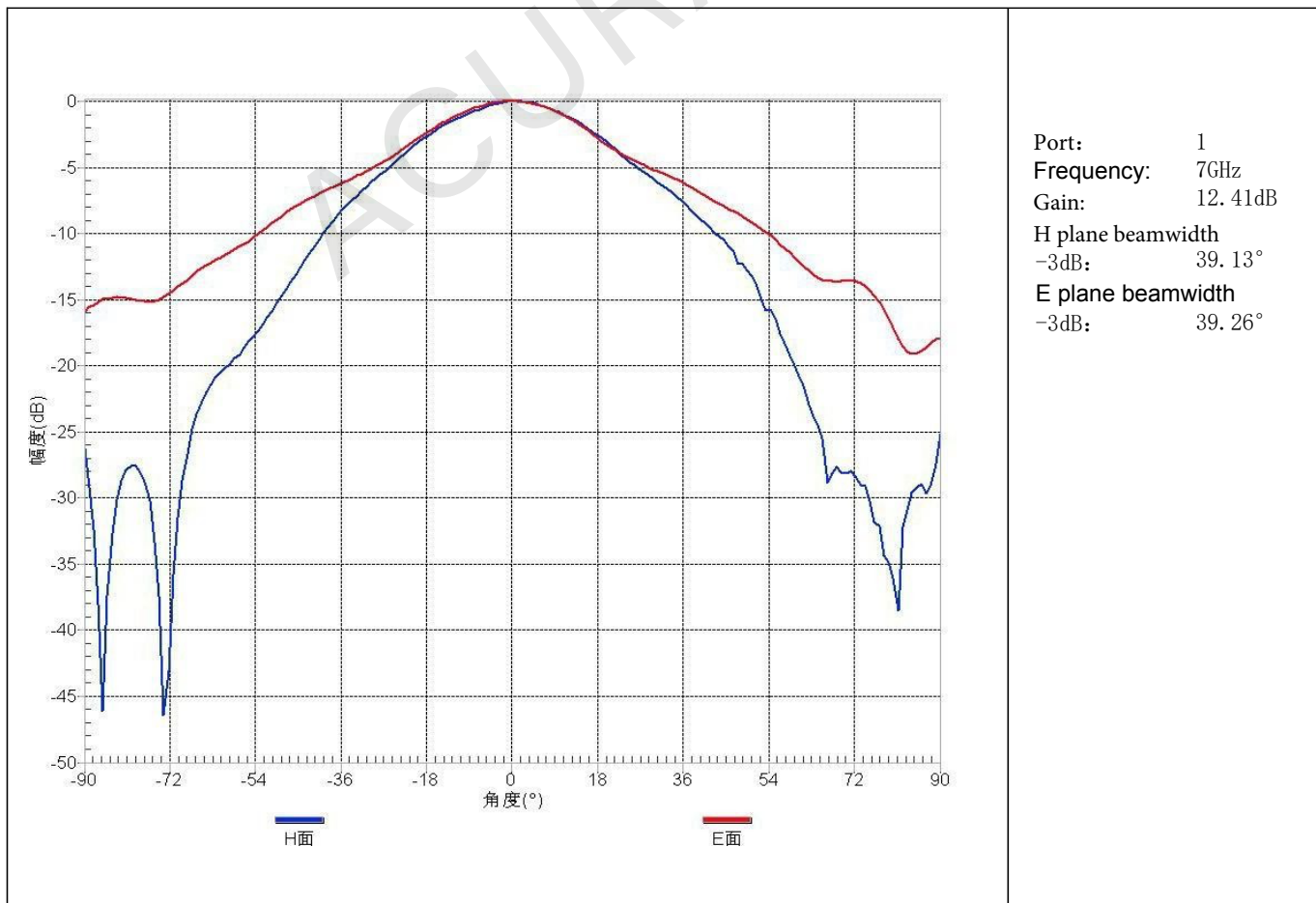
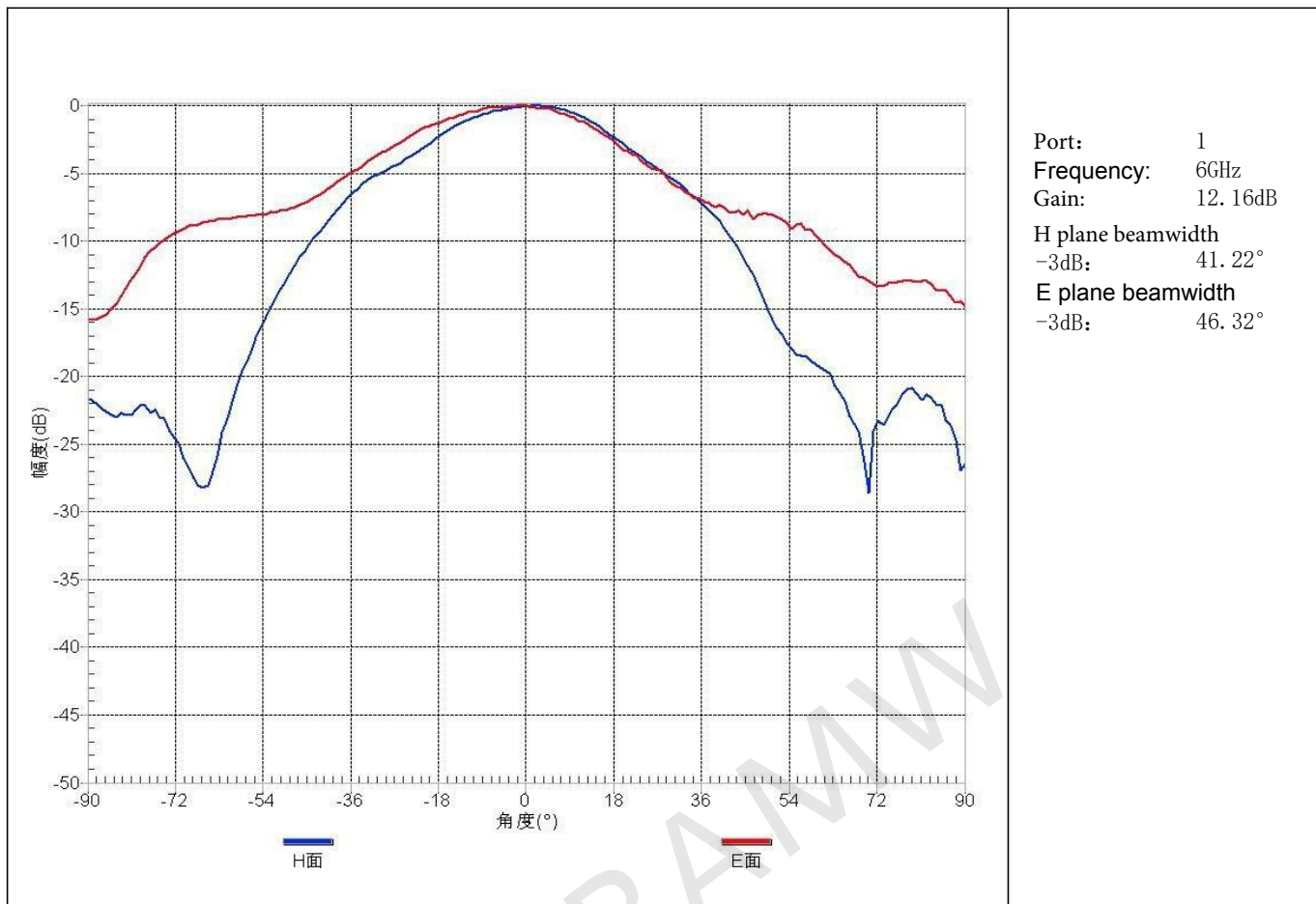


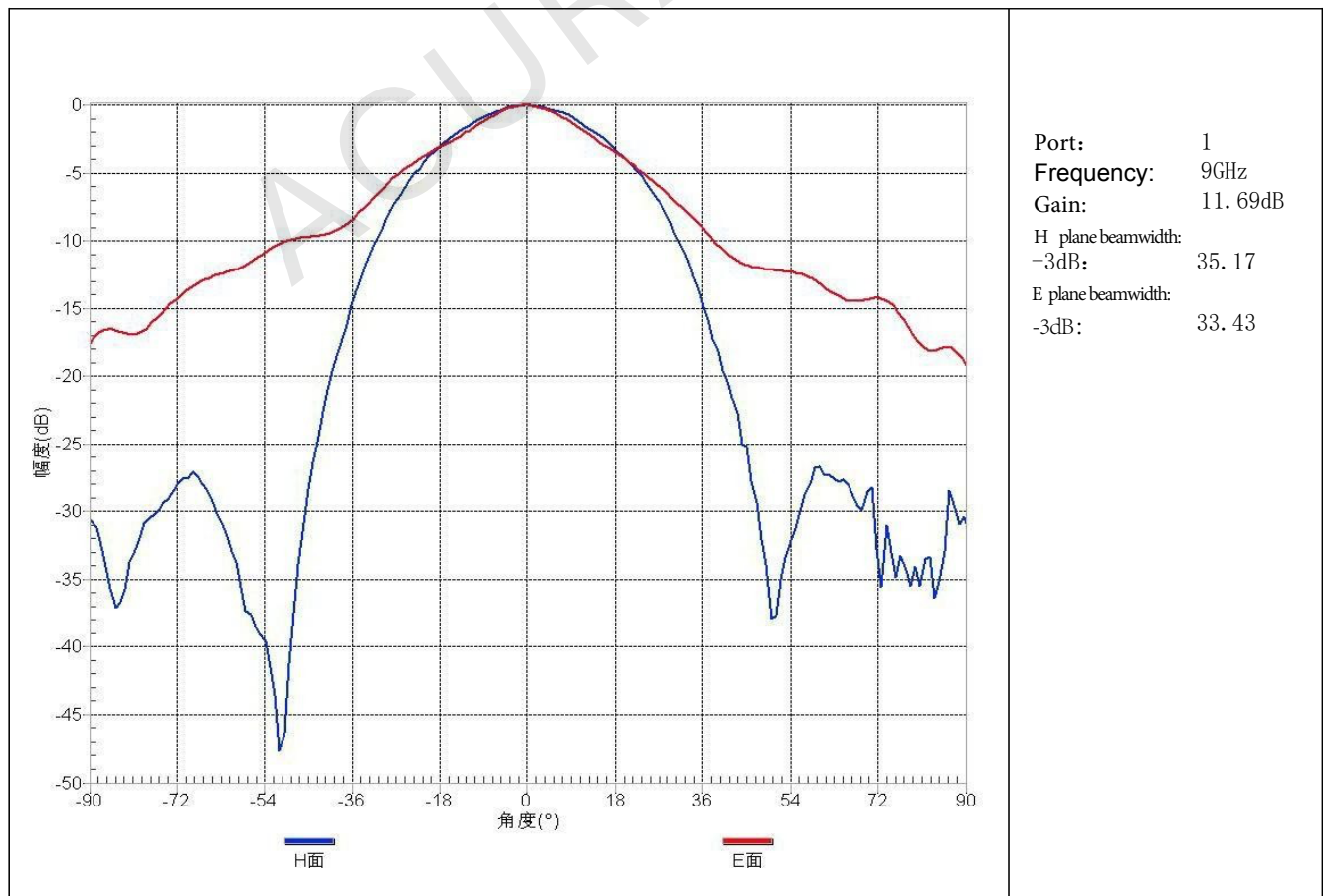
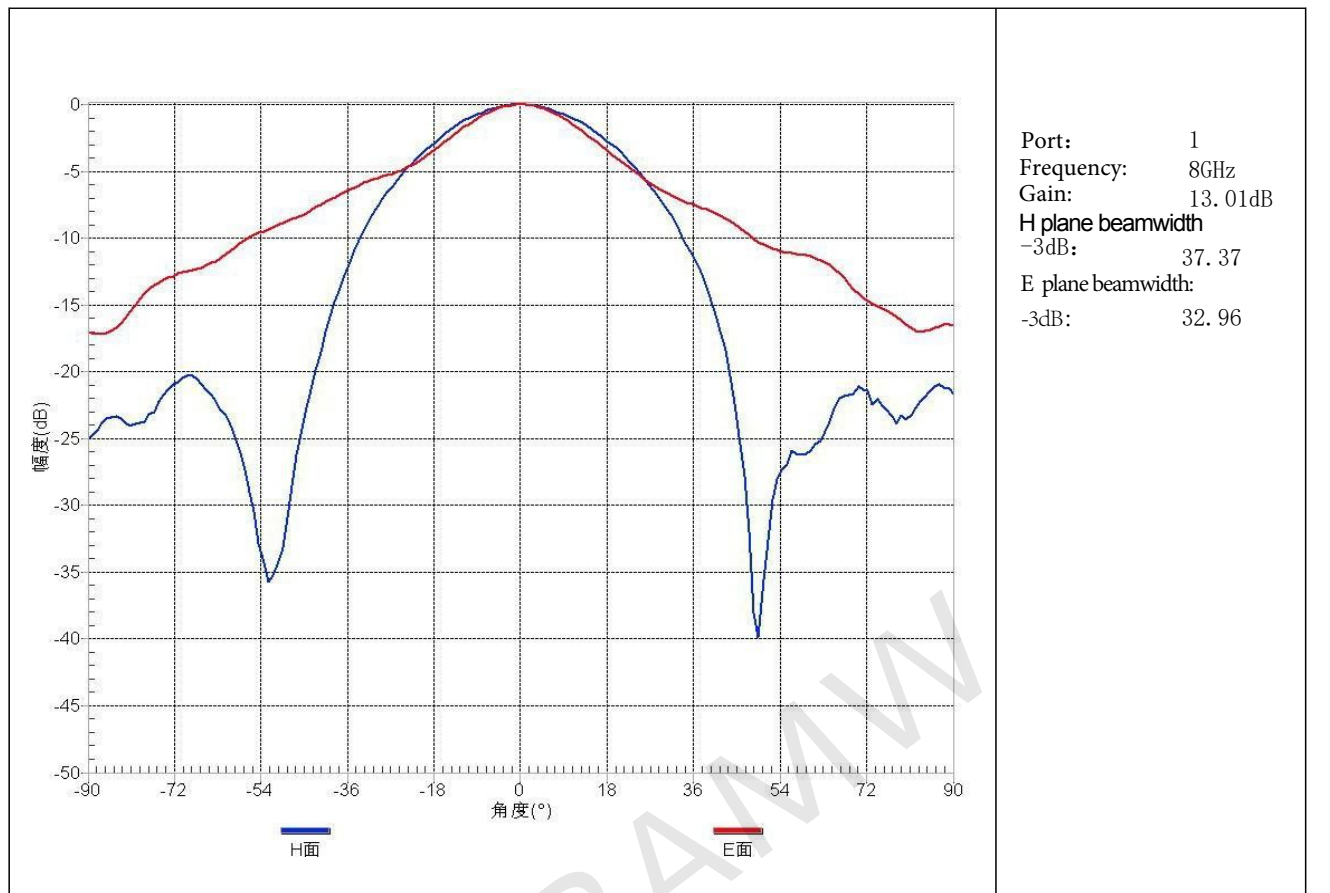


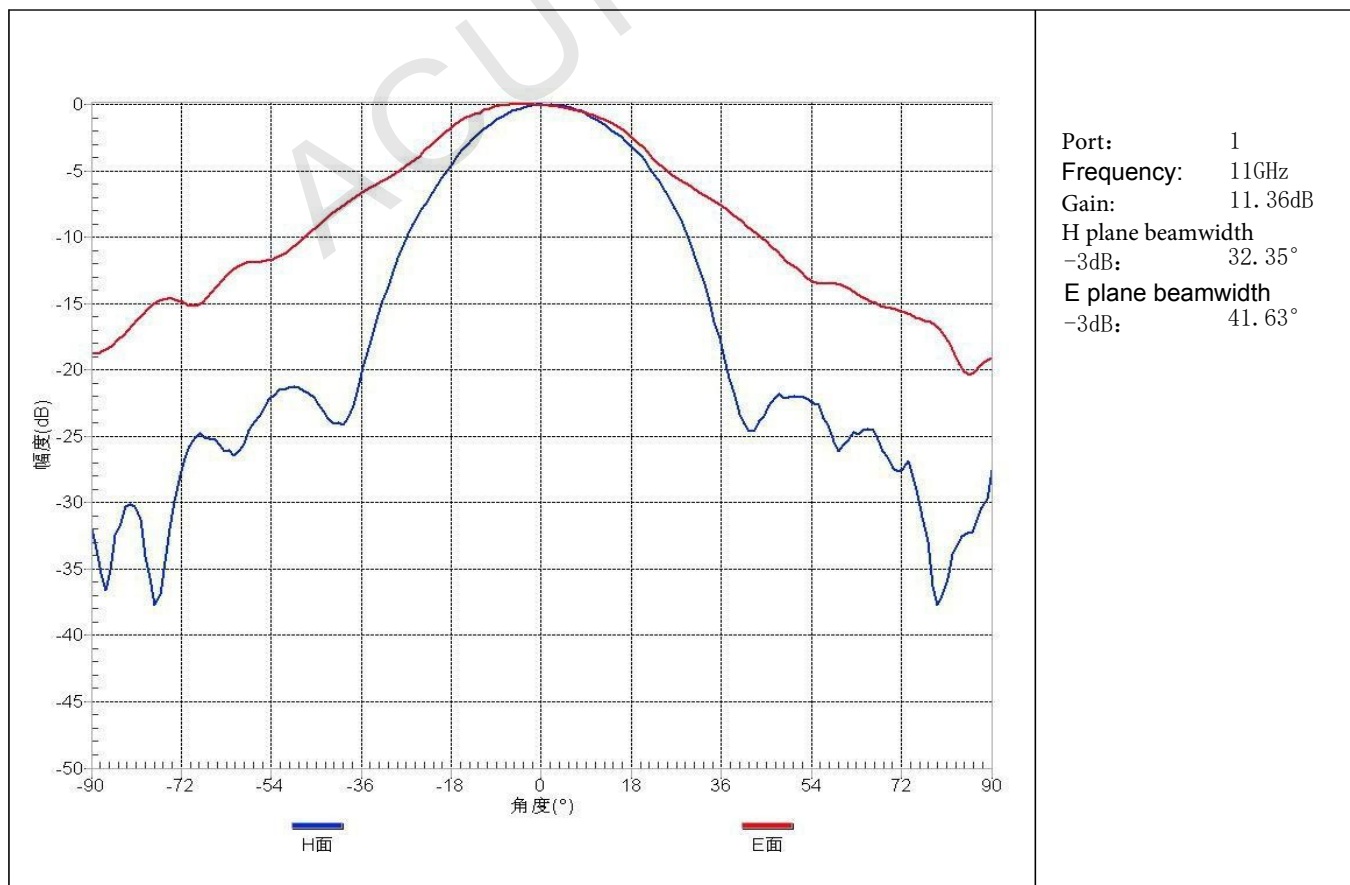
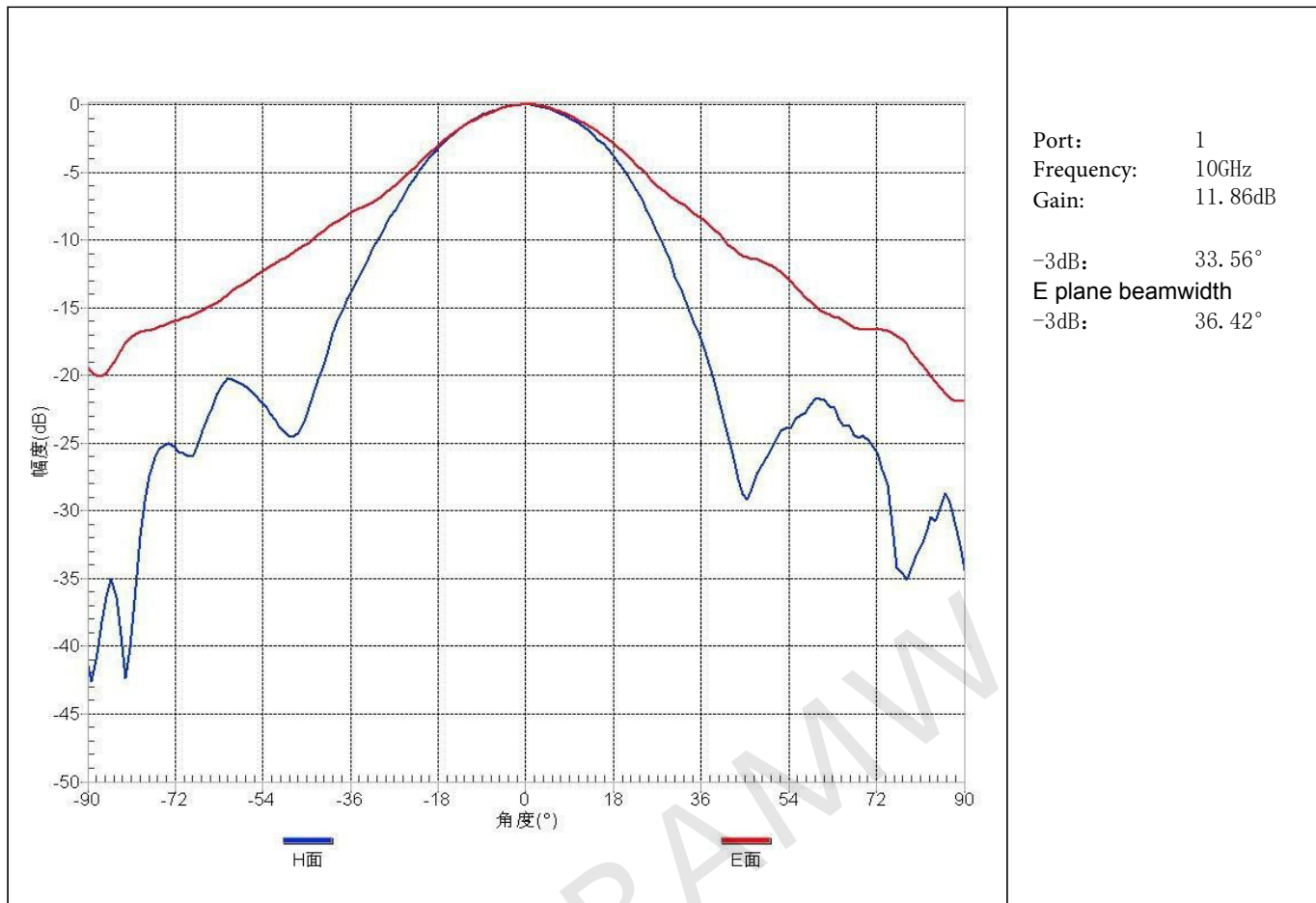
Pattern

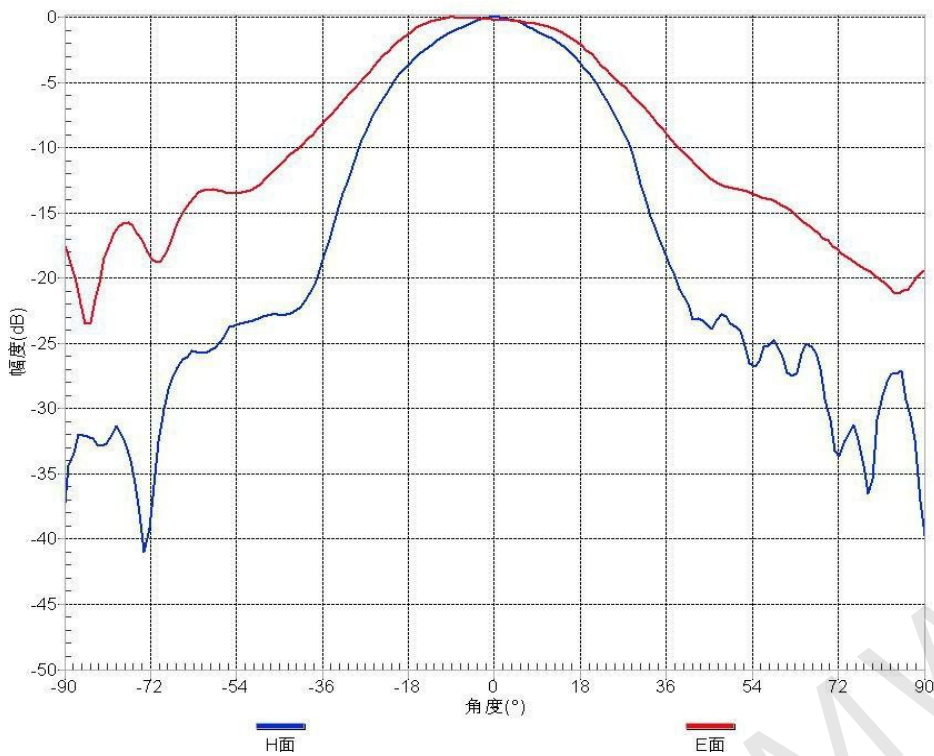




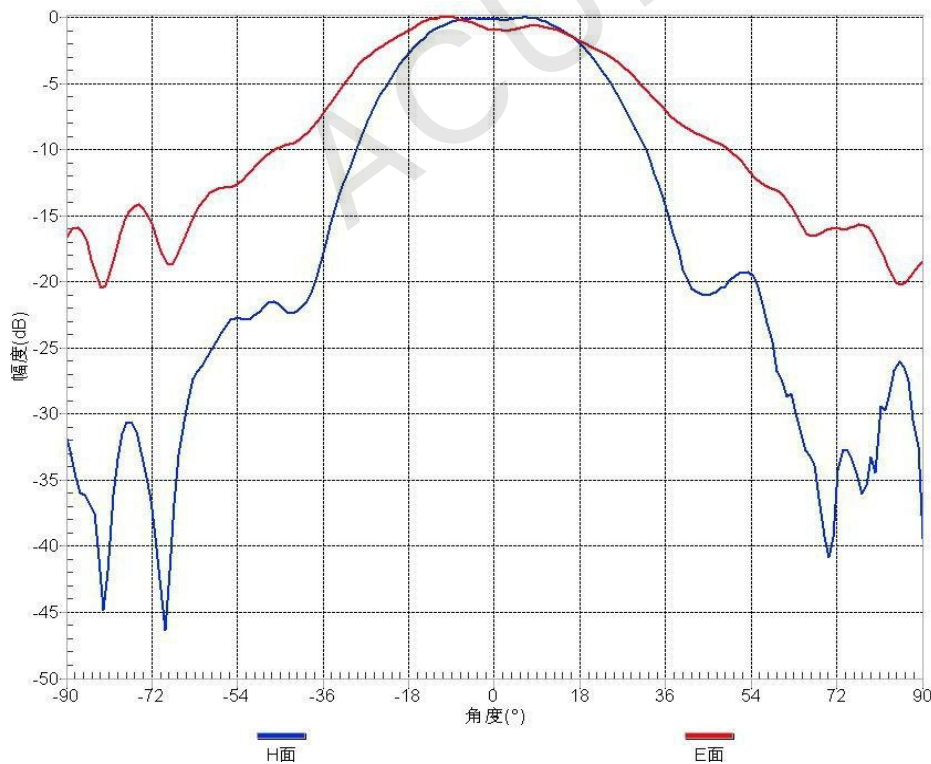




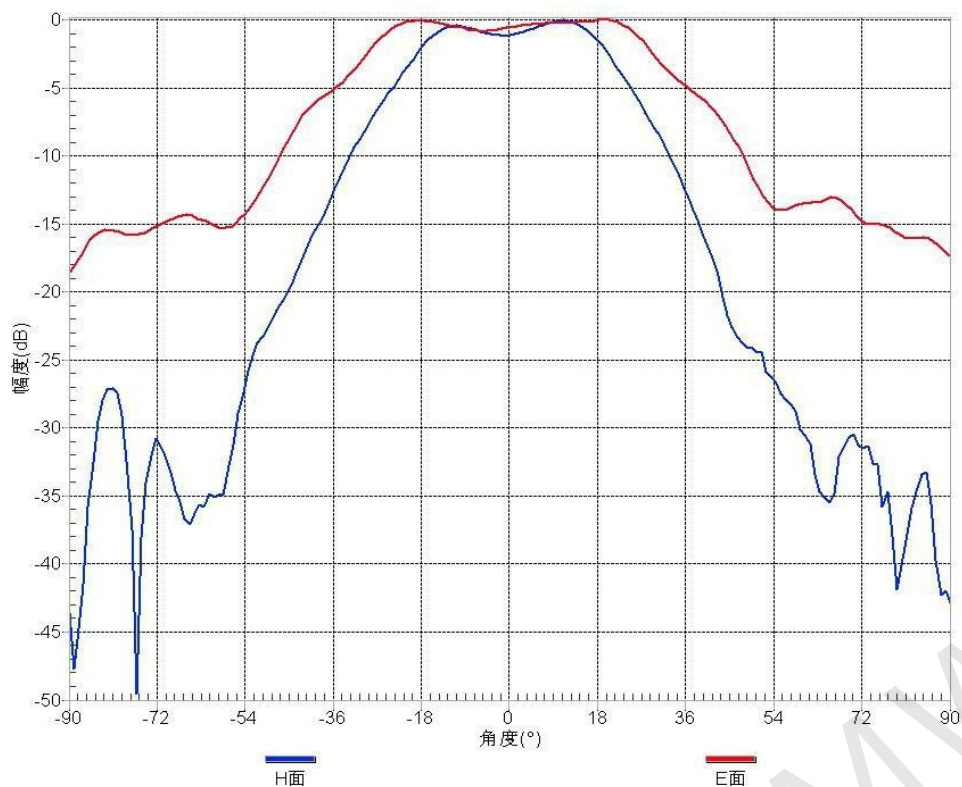




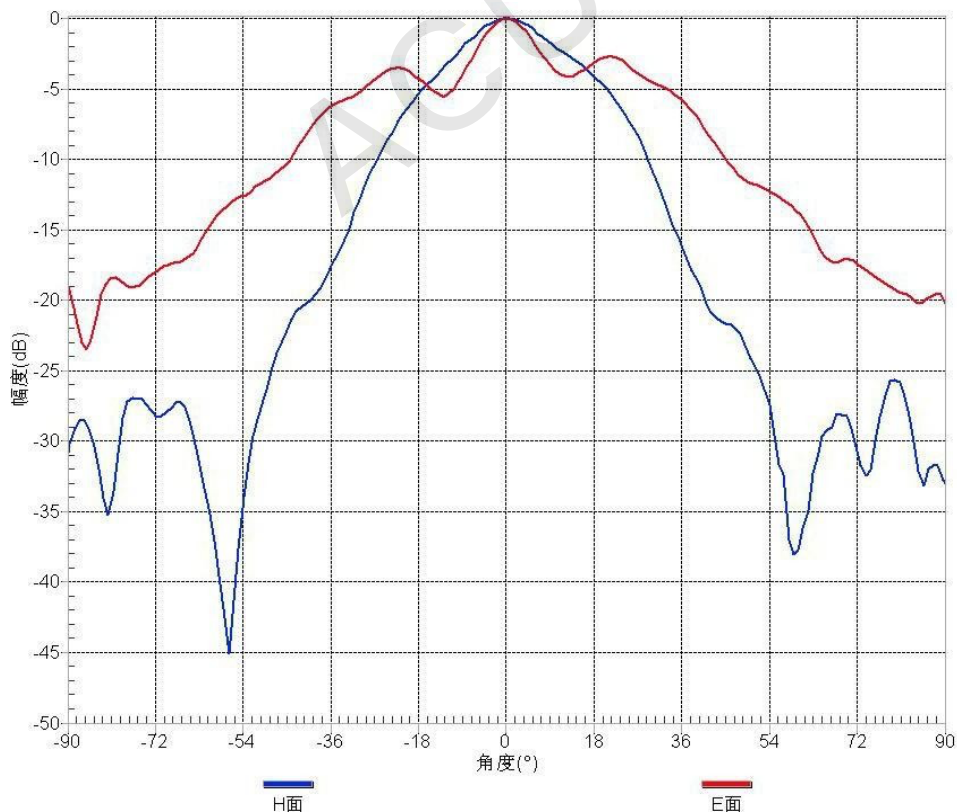
Port: 1
Frequency: 12GHz
Gain: 11.60dB
H plane beamwidth
-3dB: 32.85
E plane beamwidth
-3dB: 44.10



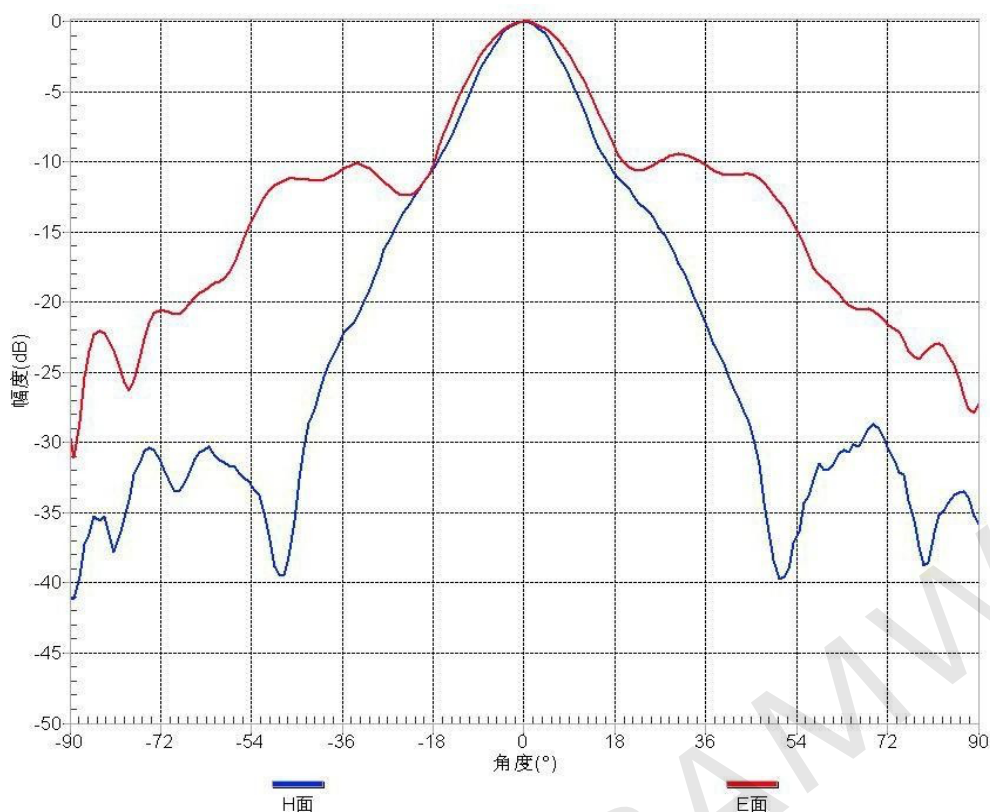
Port: 1
Frequency: 13GHz
Gain: 10.54dB
H plane beamwidth:
-3dB: 39.20
E plane beamwidth:
-3dB: 51.27



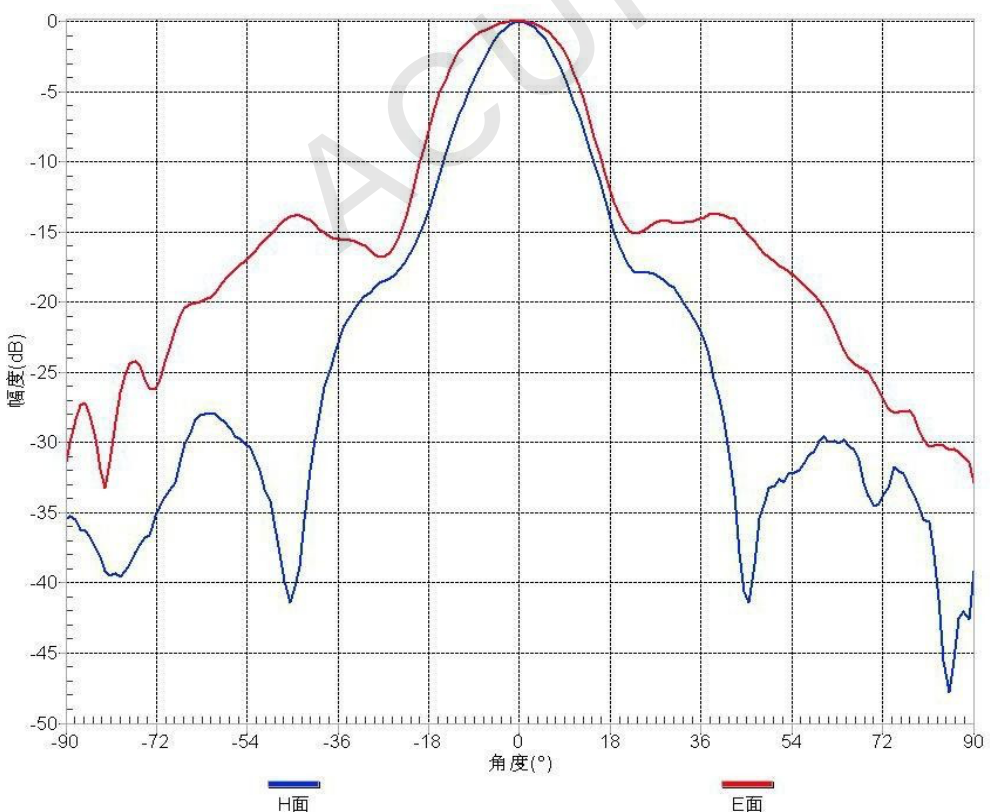
Port: 1
Frequency: 14GHz
Gain: 10.07dB
H plane beamwidth
-3dB: 41.04
E plane beamwidth
-3dB: 60.78



Port: 1
Frequency: 15GHz
Gain: 11.60dB
H plane beamwidth
-3dB: 25.82
E plane beamwidth
-3dB: 29.74



Port: 1
Frequency: 16GHz
Gain: 15.26dB
H plane beamwidth
-3dB: 15.58°
E plane beamwidth
-3dB: 19.50°



Port: 1
Frequency: 17GHz
Gain: 16.46dB
H plane beamwidth
-3dB: 15.08°
E plane beamwidth
-3dB: 23.41°

