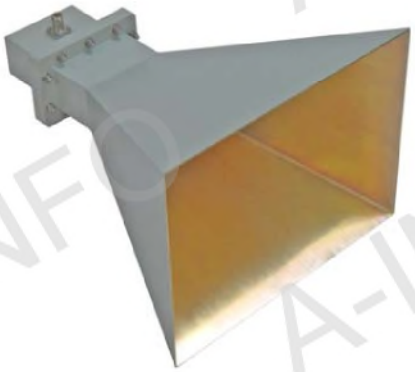
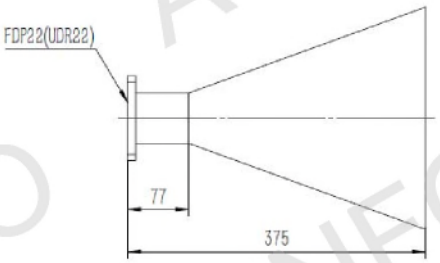
Technical Specification

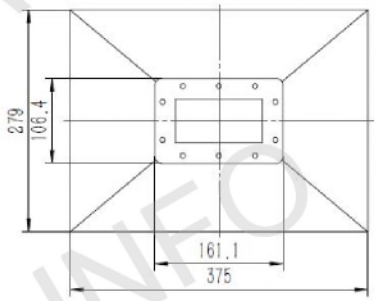


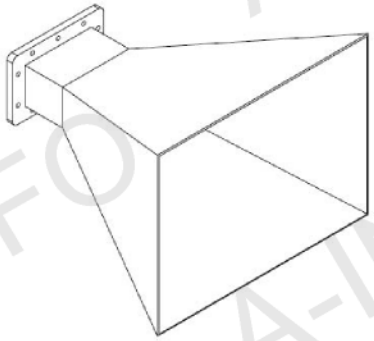
Frequency Range(GHz)	1.7 - 2.6	
Waveguide	WR430	
Gain(dBi)	15 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	30 Typ.	
Cross Pol. Isolation(dB)	40 Typ.	
VSWR	A Type:	1.15:1 Typ.
	C Type:	1.25:1 Typ.
Output	A Type:	FDP22(UDR22)
	C Type:	N-Female or SMA-Female or 7/16-Female
Material	Al	
Size(mm)	A Type:	375 x 279 x 375
	C Type:	375 x 279 x 475
Net Weight(Kg)	A Type:	2.32 Around
	C Type:	3.06 Around

Outline Drawing (Size: mm)

A Type (With FDP22 Output)

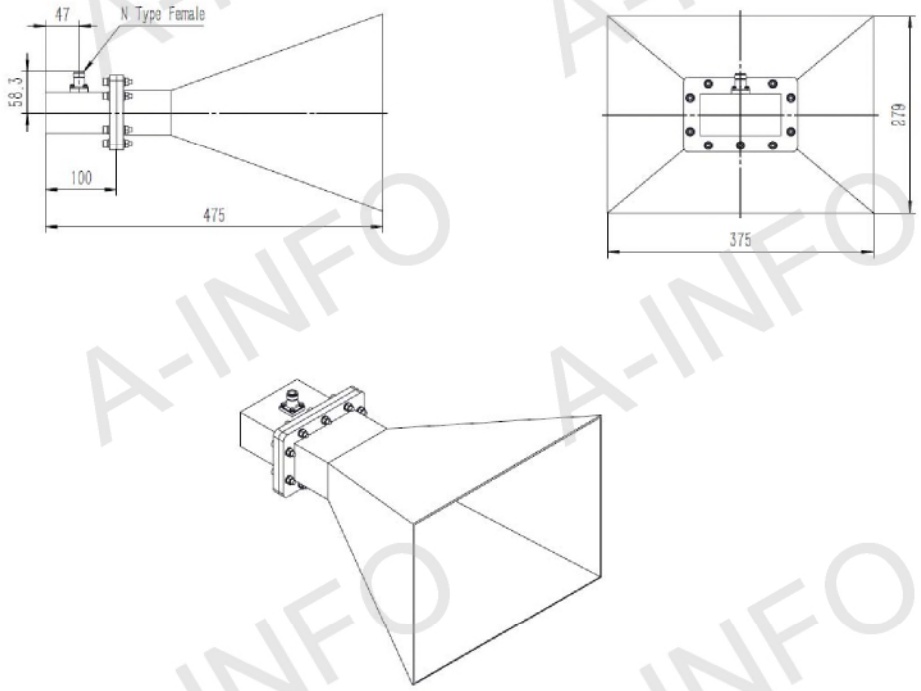






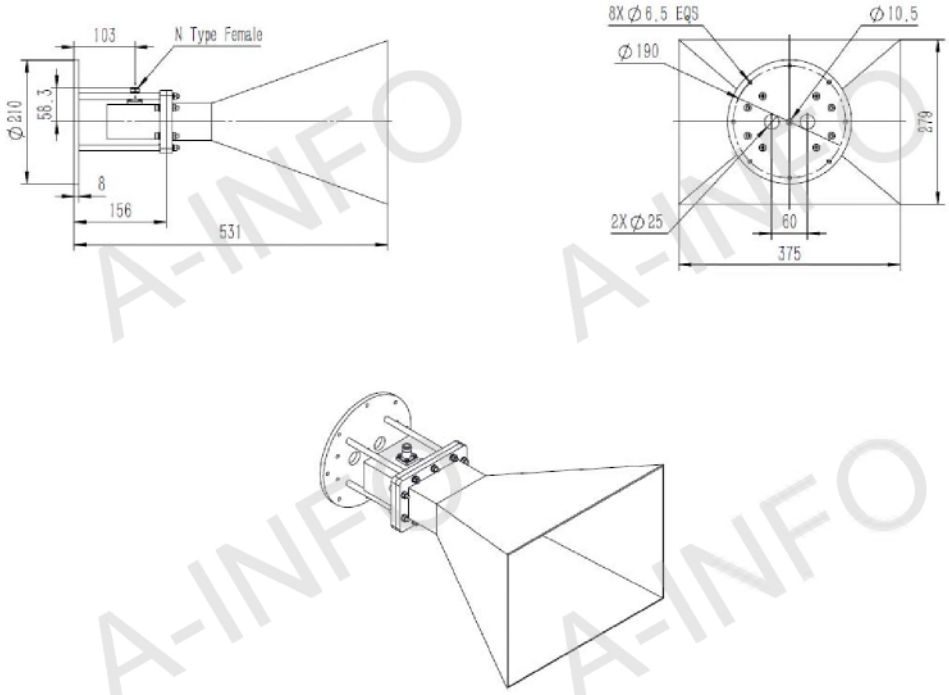
C Type (With N-Female Output)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



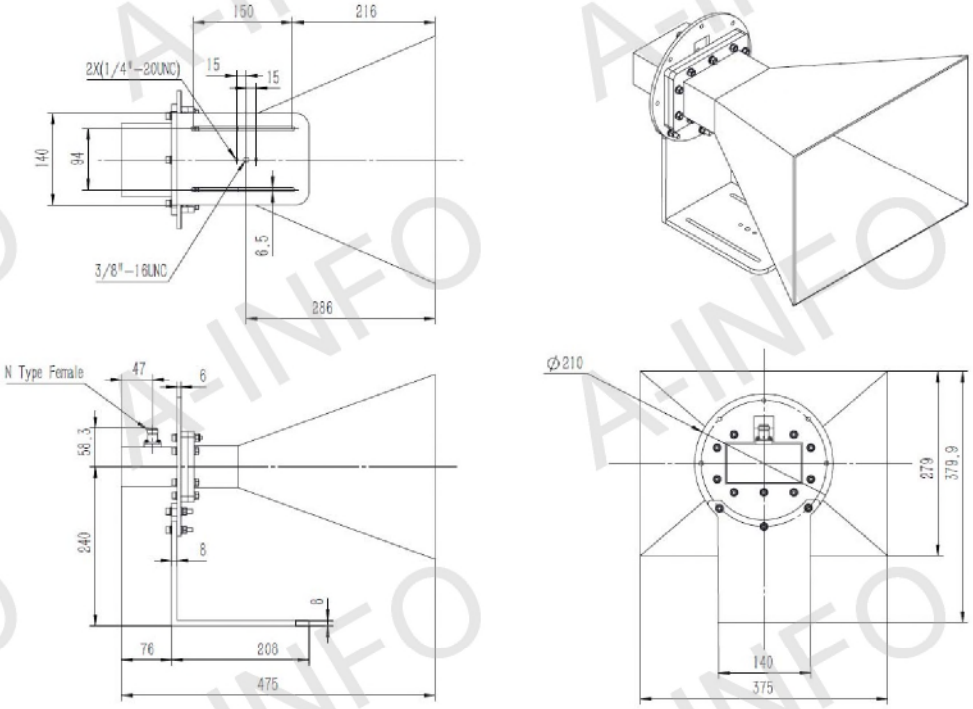
C Type (With N-Female Output & Round Mounting Bracket)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

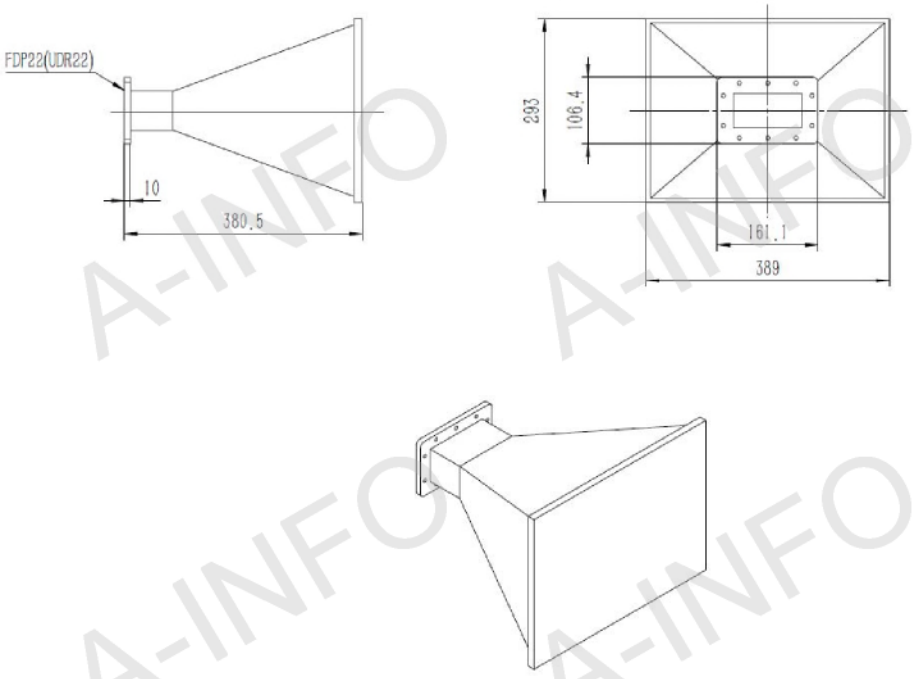


C Type (With N-Female Output & L Type Mounting Bracket)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

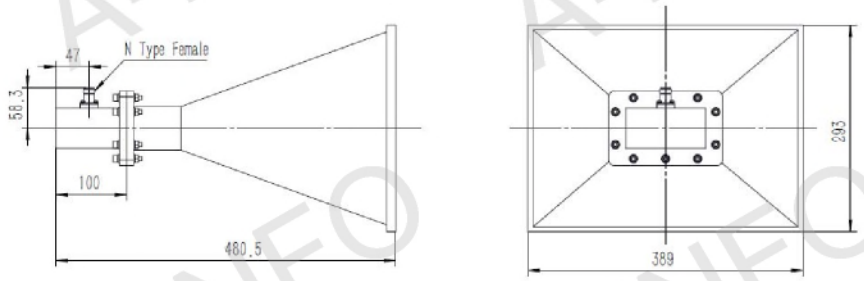


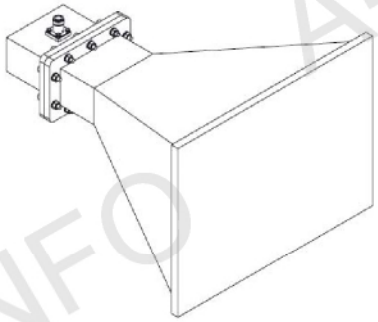
A Type (With Radome)



C Type (With N-Female Output & Radome)

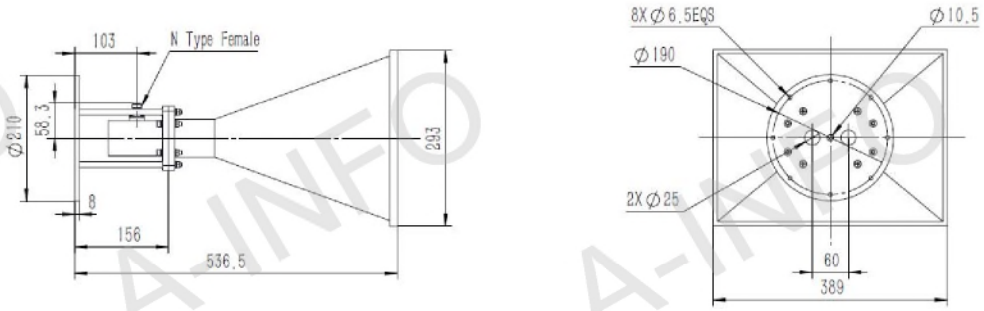
For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

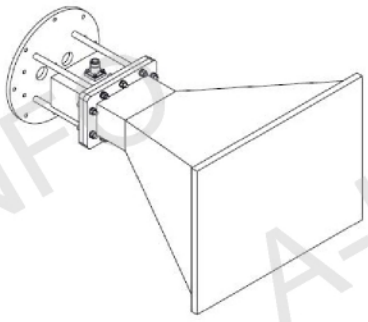




C Type (With N-Female Output & Round Mounting Bracket & Radome)

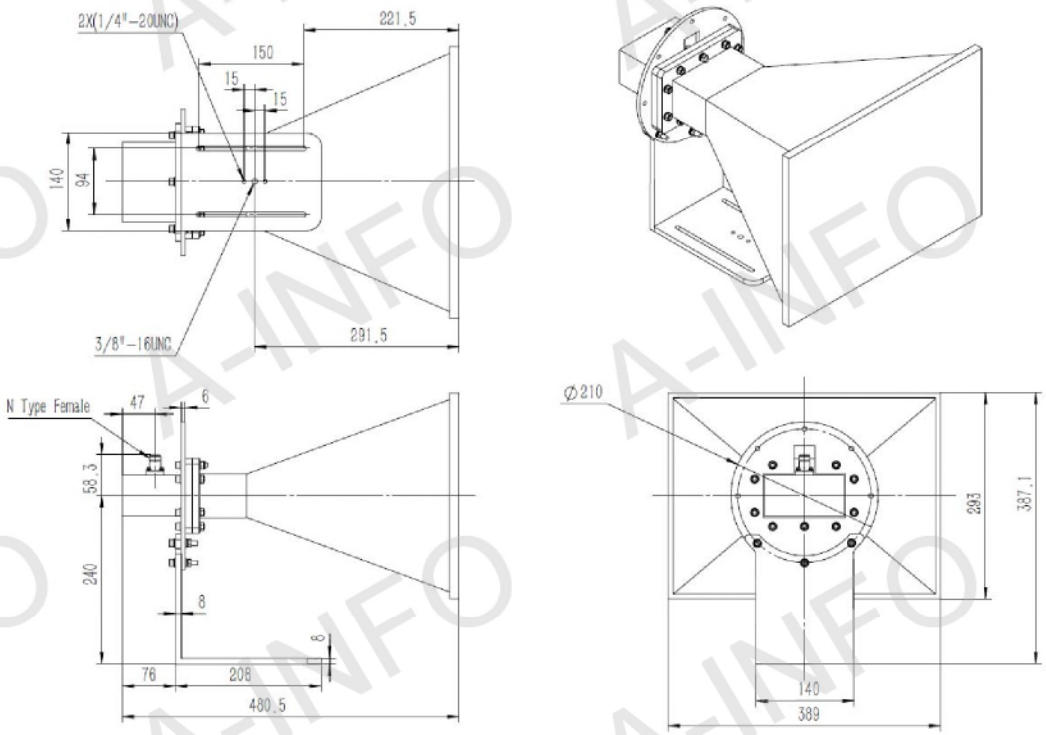
For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



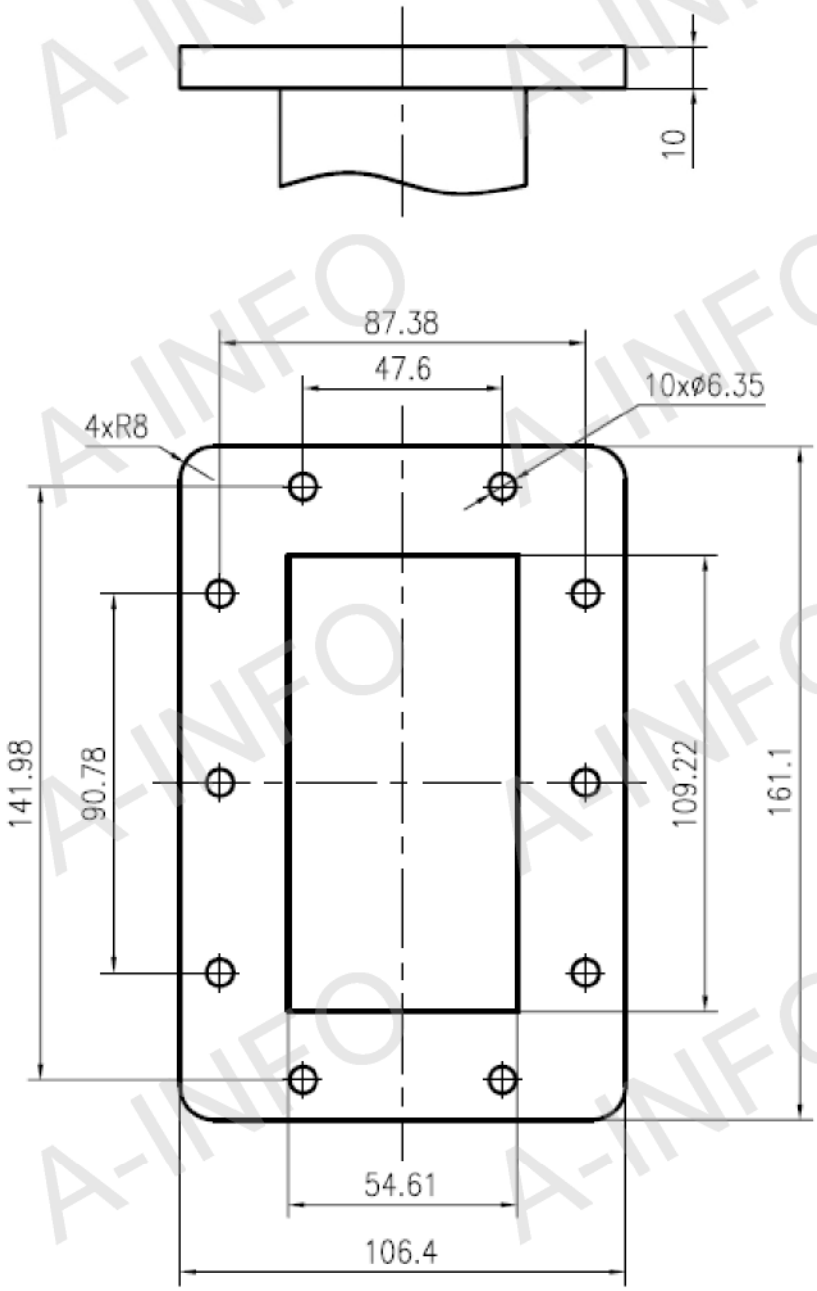


C Type (With N-Female Output & L Type Mounting Bracket & Radome)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FDP22

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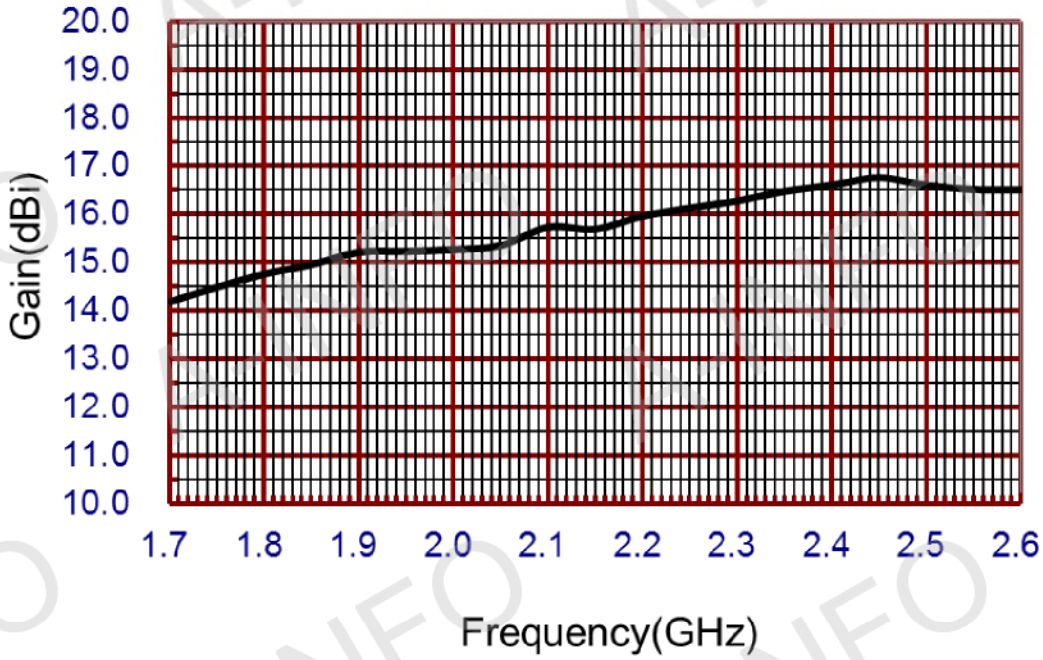
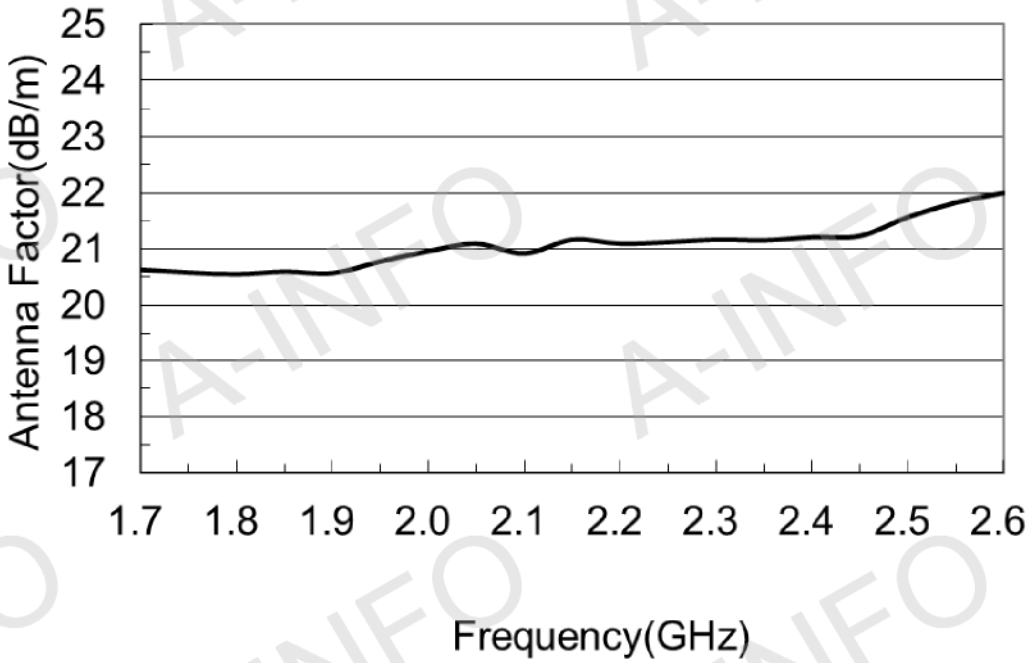
Test Results

1. Gain and Antenna Factor

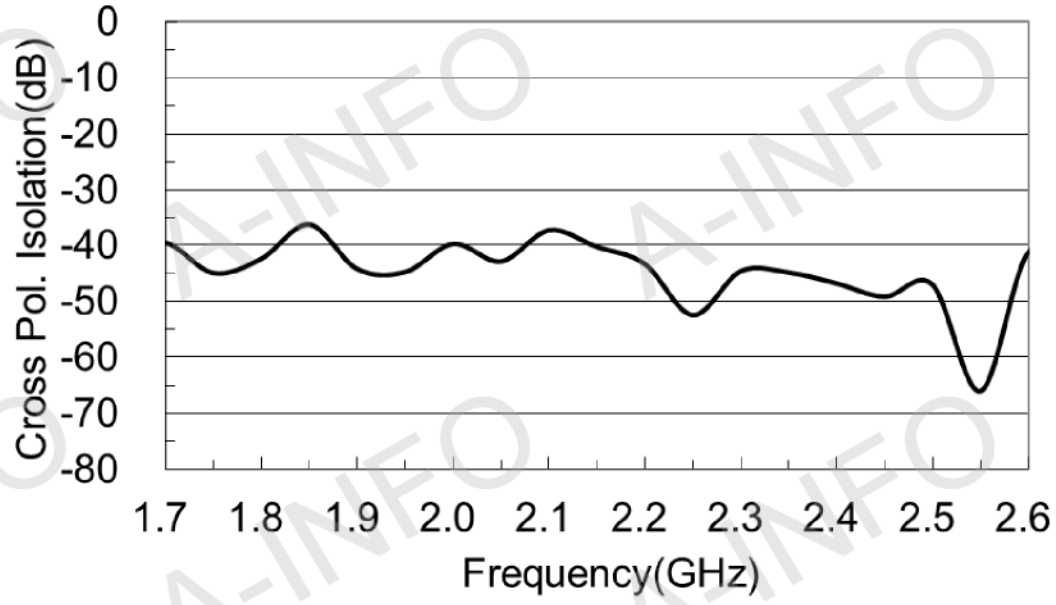




A-INFO

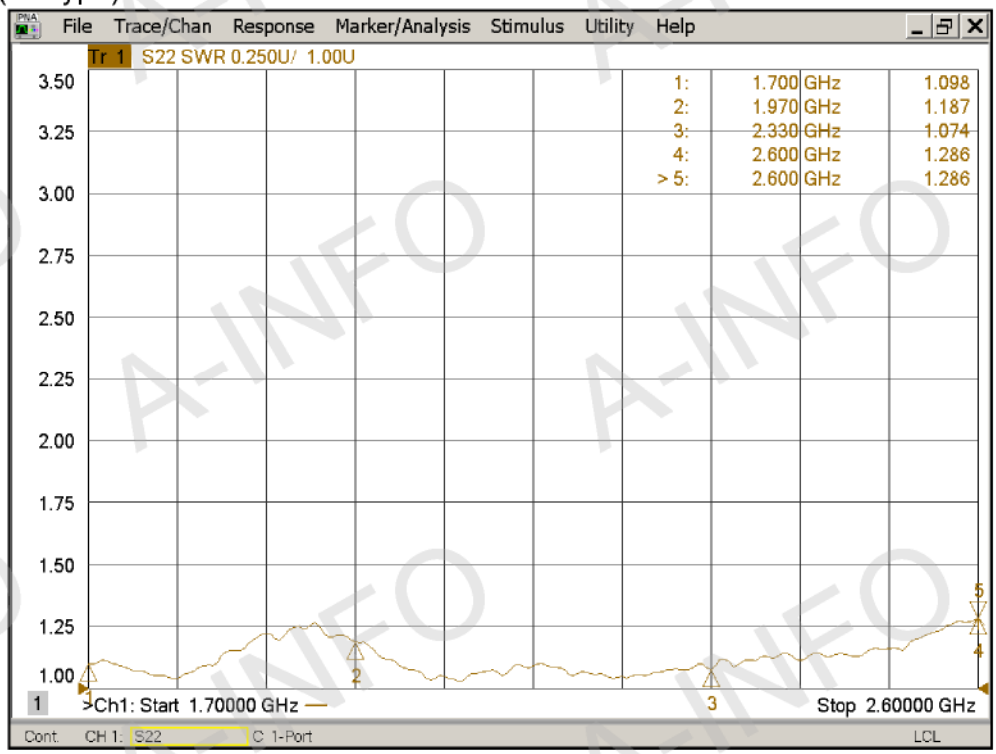
Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
1.70	14.18	20.64
1.75	14.49	20.58
1.80	14.76	20.55
1.85	14.95	20.60
1.90	15.21	20.57
1.95	15.23	20.78
2.00	15.27	20.96
2.05	15.35	21.10
2.10	15.73	20.92
2.15	15.69	21.17
2.20	15.96	21.10
2.25	16.13	21.13
2.30	16.27	21.17
2.35	16.48	21.16
2.40	16.60	21.21
2.45	16.76	21.24
2.50	16.60	21.57
2.55	16.51	21.83
2.60	16.51	22.00

2. Cross Polarization Isolation

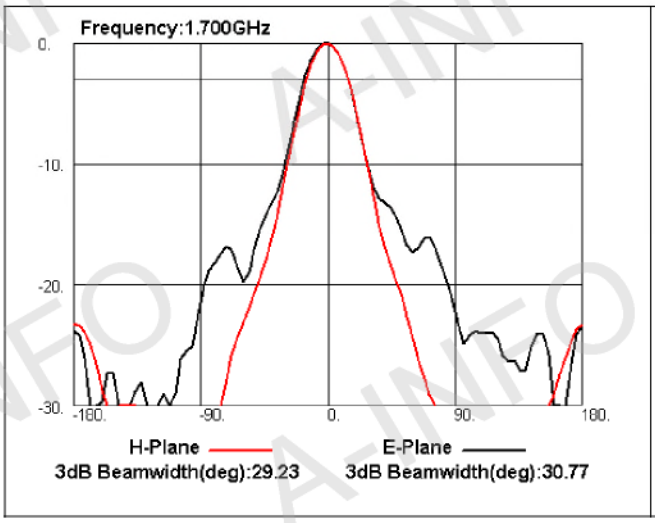


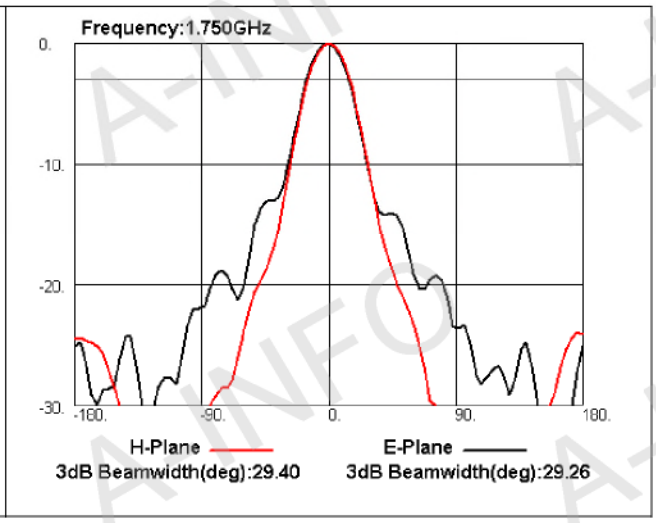
3. VSWR (A Type)

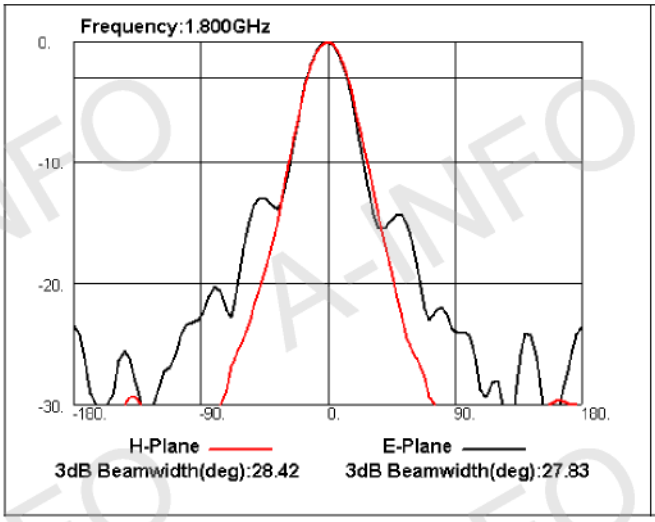
VSWR (C Type)

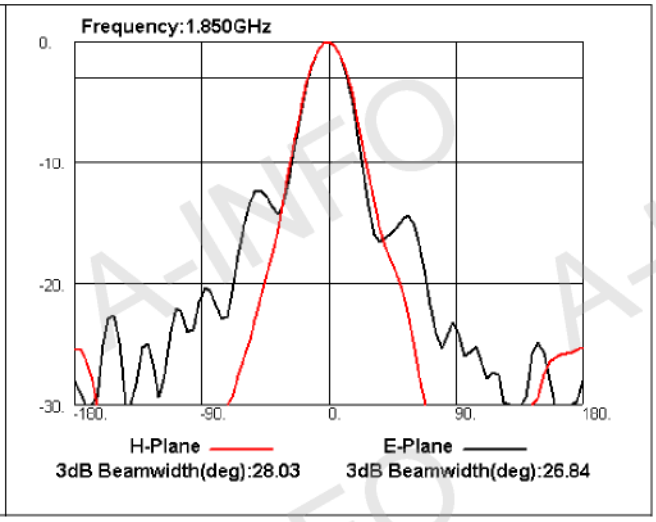


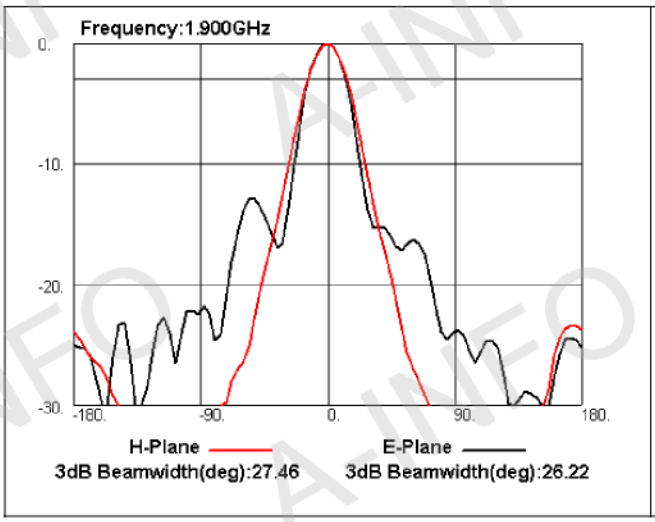
4. Pattern

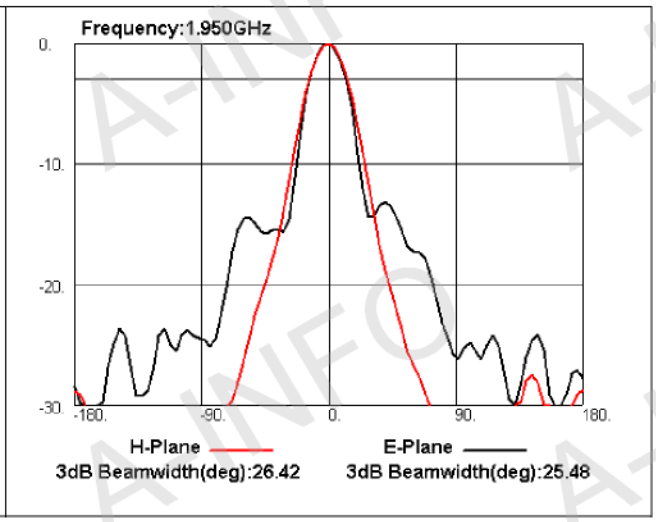












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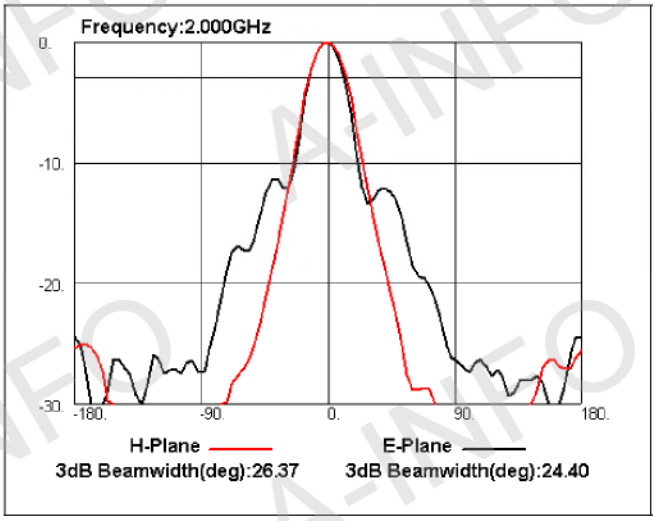

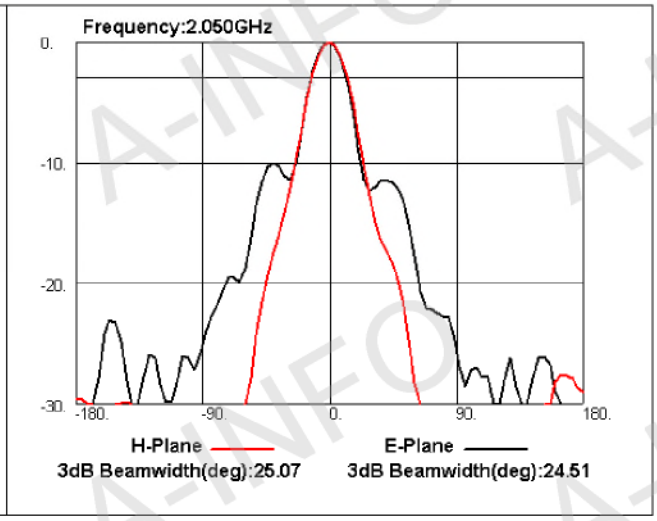

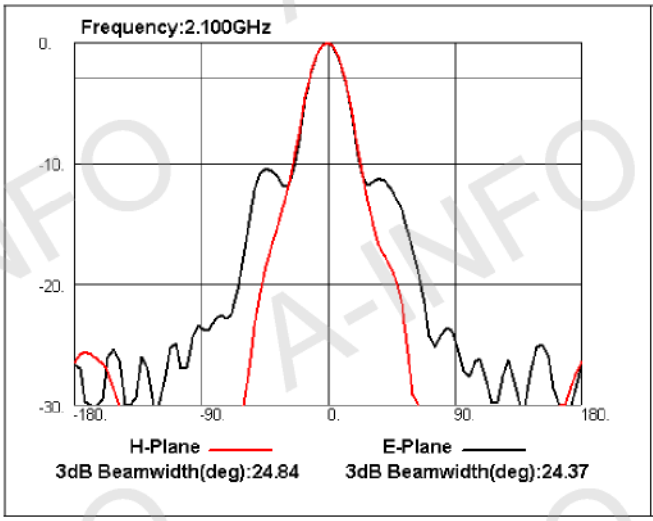

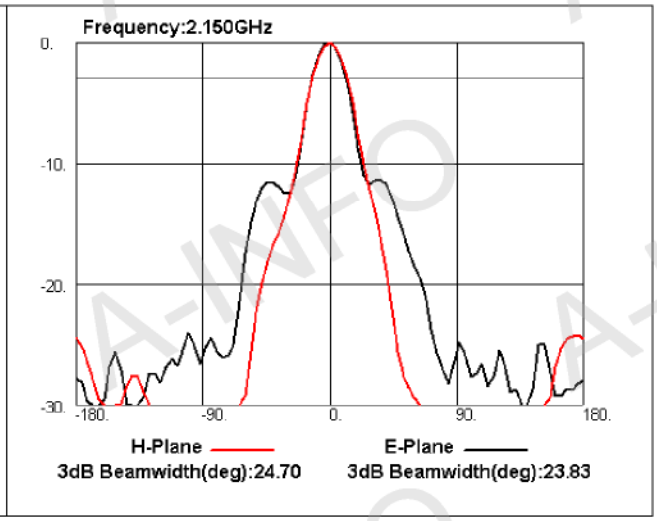

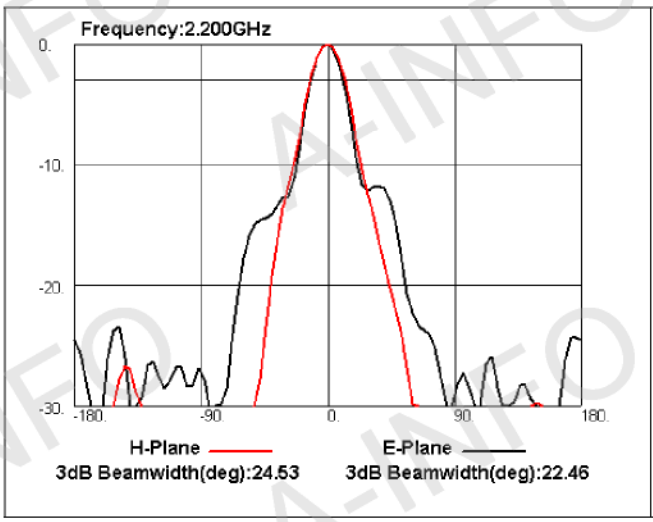

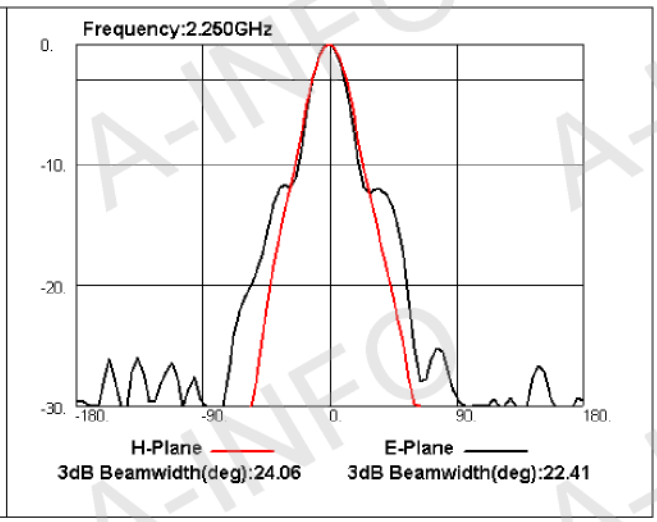

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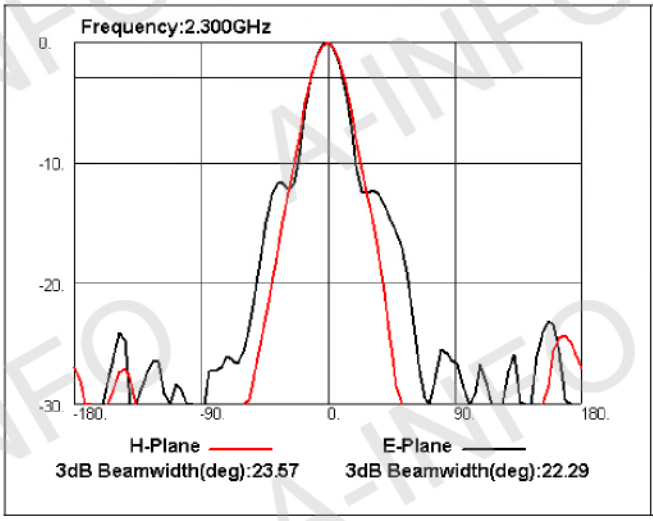
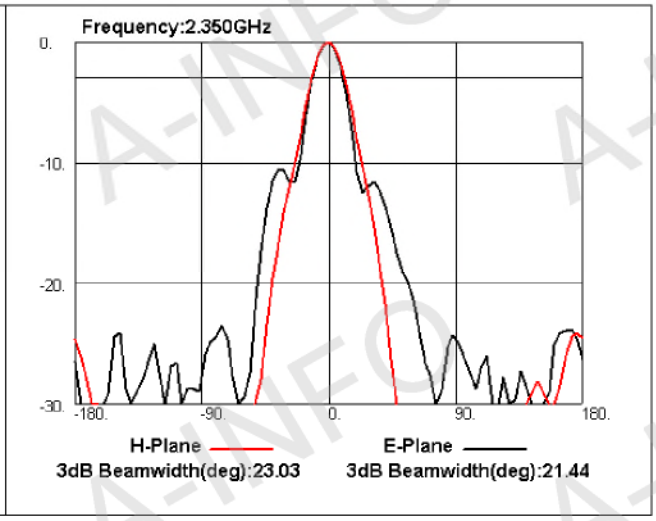
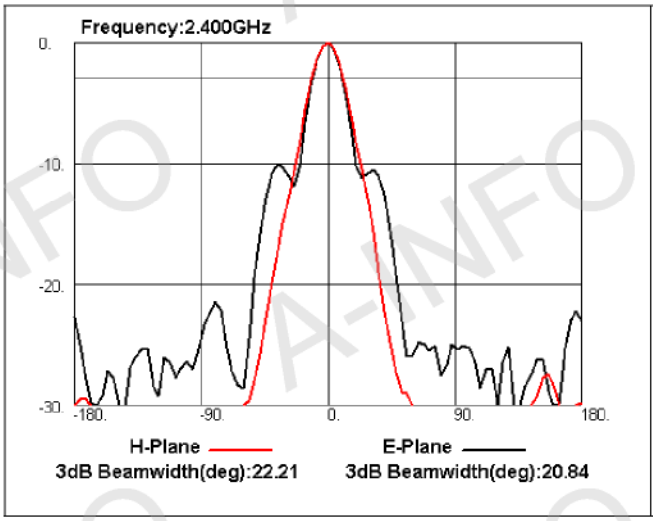


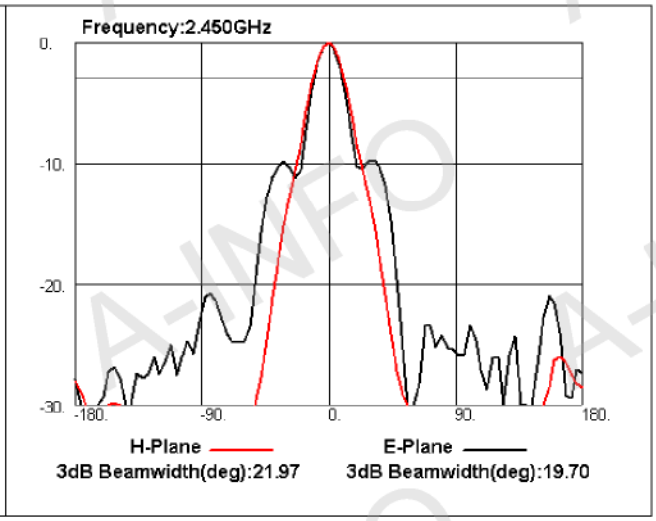
3dB Beamwidth(deg):23.57 3dB Beamwidth(deg):22.29



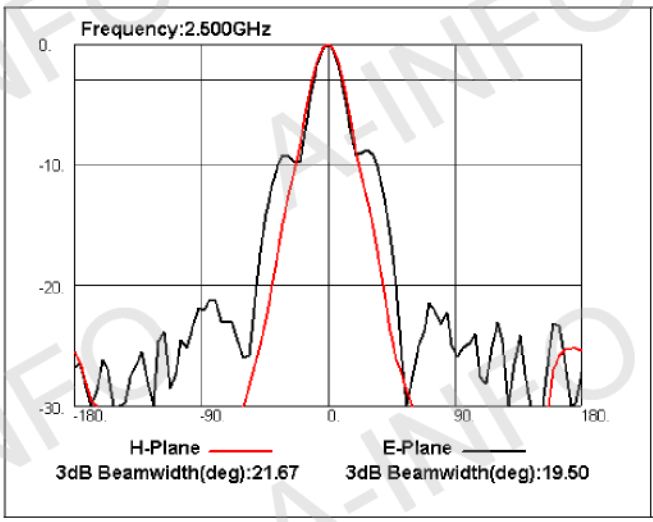
3dB Beamwidth(deg):23.03 3dB Beamwidth(deg):21.44



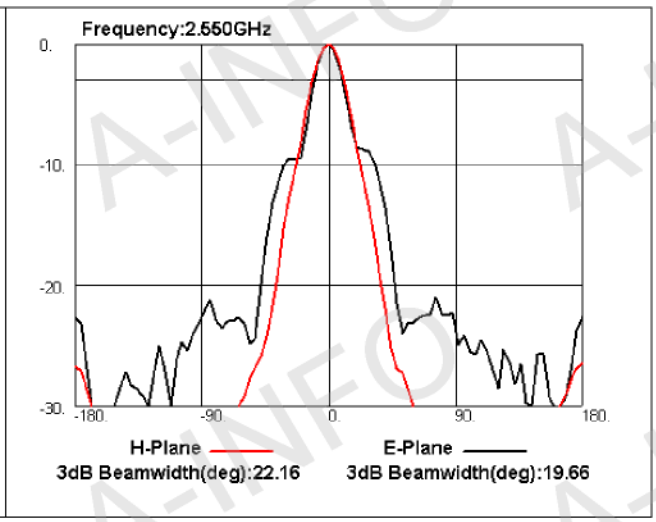
3dB Beamwidth(deg):22.21 3dB Beamwidth(deg):20.84



3dB Beamwidth(deg):21.97 3dB Beamwidth(deg):19.70



3dB Beamwidth(deg):21.67 3dB Beamwidth(deg):19.50



3dB Beamwidth(deg):22.16 3dB Beamwidth(deg):19.66

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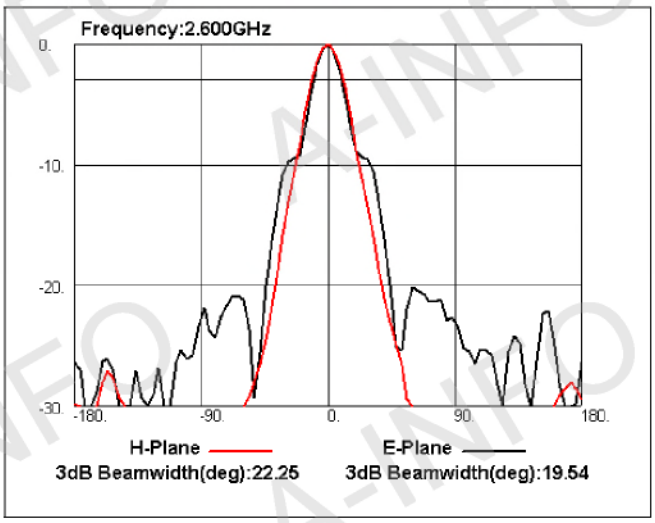
Frequency:2.600GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):22.25
E-Plane
3dB Beamwidth(deg):19.54