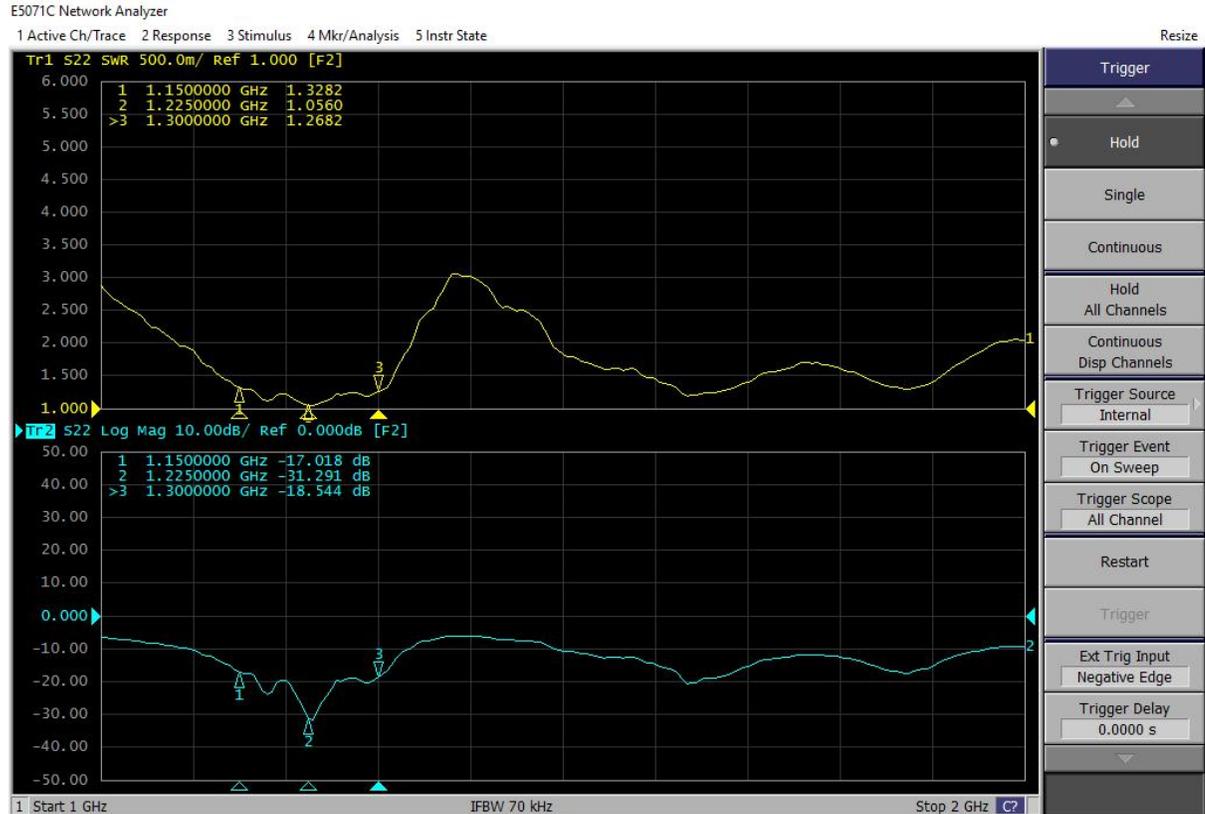
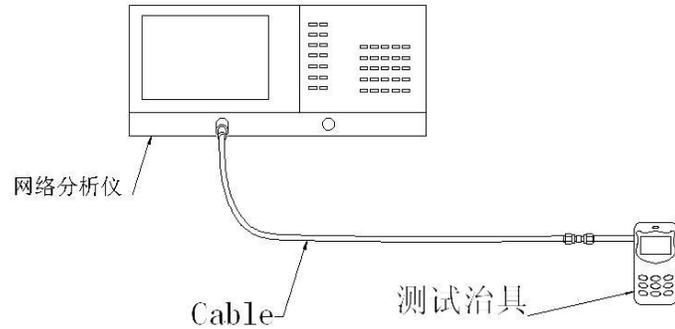


(S11 parameters)

AGP-1200-06-GN



S11 Test Methodology

Testing Equipment:

Network Analyzer (E5071C)

Measurement Procedure:

A 50-ohm coaxial cable is extended from the instrument's test port. After performing calibration using a calibration kit, the sample is connected to record the Return Loss and Voltage Standing Wave Ratio (VSWR) at the designated frequency points

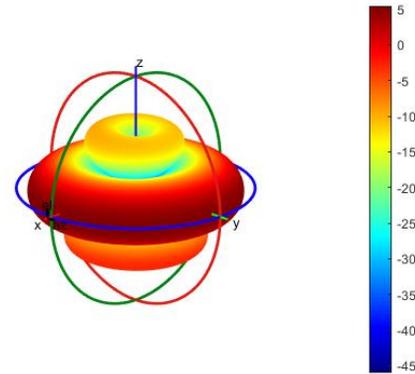
频率 (MHz)	1150	1225	1300
VSWR	1.33	1.35	1.42
Return Loss	-17.0	-31.3	-18.5

(antenna passive data)

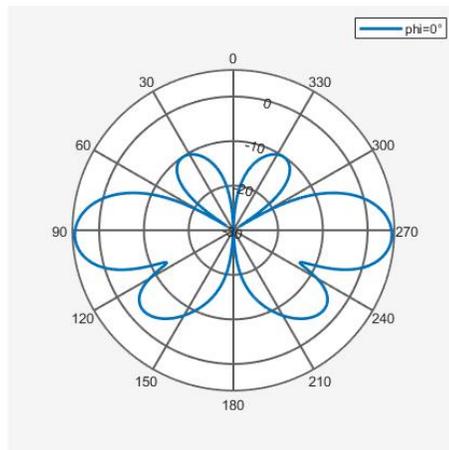
频率 (MHz)	增益 (dBi)	效率 (%)
1.15	5.42	76.90
1.155	5.47	74.57
1.16	5.52	75.39
1.165	5.57	75.89
1.17	5.62	75.06
1.175	5.66	74.01
1.18	5.70	72.90
1.185	5.75	72.30
1.19	5.79	72.44
1.195	5.83	72.09
1.2	5.86	72.59
1.205	5.89	72.69
1.21	5.91	72.99
1.215	5.92	72.55
1.22	5.93	72.14
1.225	5.93	71.52
1.23	5.91	71.22
1.235	5.89	72.32
1.24	5.85	71.99
1.245	5.81	70.81
1.25	5.77	70.31
1.255	5.71	71.48
1.26	5.65	71.43
1.265	5.59	72.32
1.27	5.53	72.72
1.275	5.48	72.86
1.28	5.44	73.51
1.285	5.40	74.01
1.29	5.33	74.11
1.295	5.22	74.41
1.3	5.07	73.81

(2D and 3D directional) diagrams

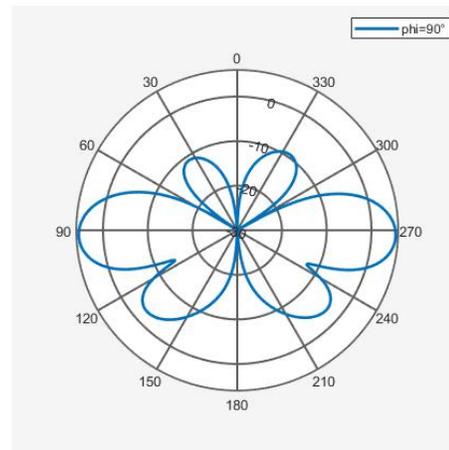
1150MHz Total



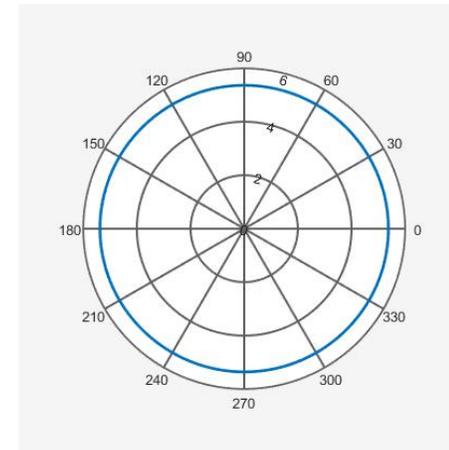
Total($\phi=0^\circ$)



Total($\phi=90^\circ$)

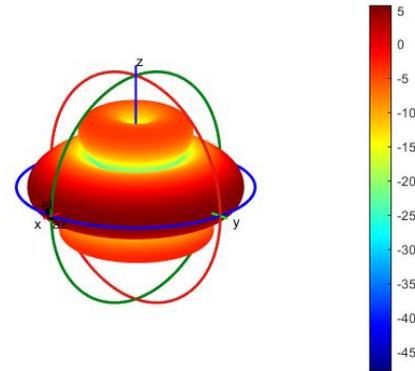


Total($\theta=90^\circ$)

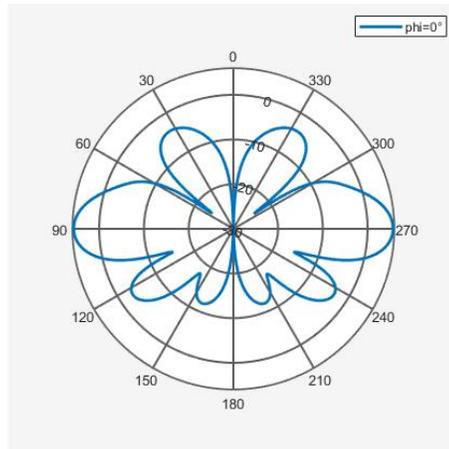


(2D and 3D directional) diagrams)

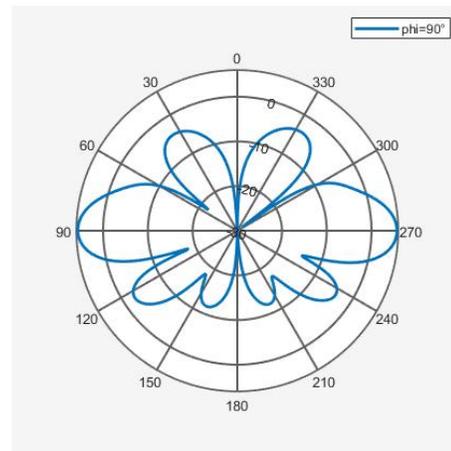
1225MHz Total



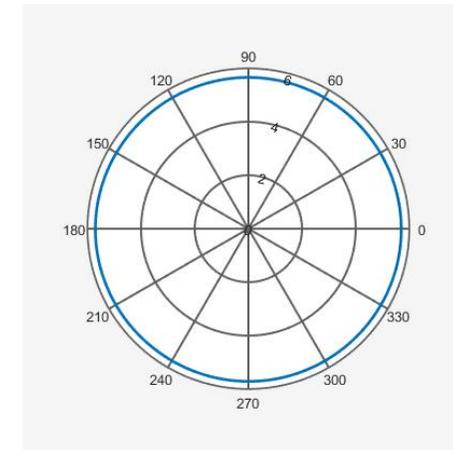
Total($\phi=0^\circ$)



Total($\phi=90^\circ$)

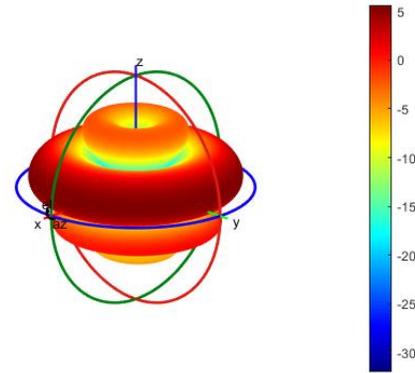


Total($\theta=90^\circ$)

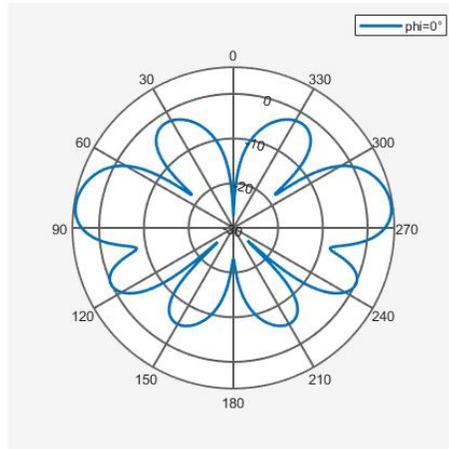


(2D and 3D directional) diagrams

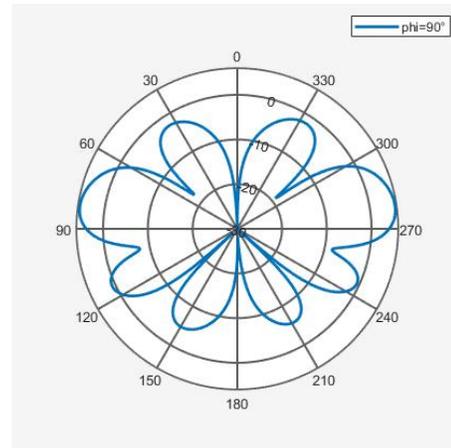
1300MHz Total



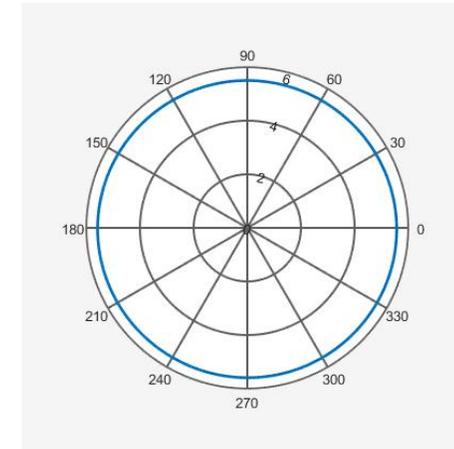
Total($\phi=0^\circ$)



Total($\phi=90^\circ$)



Total($\theta=80^\circ$)



Antenna photo

