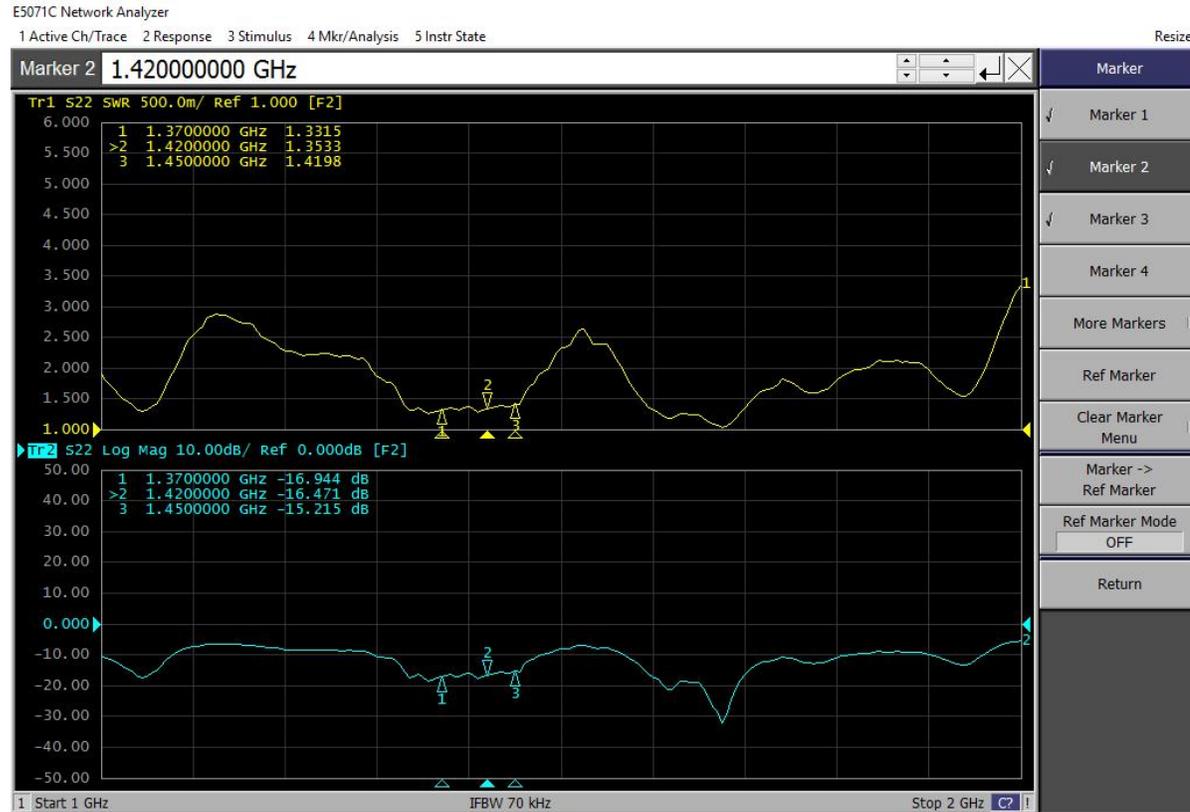
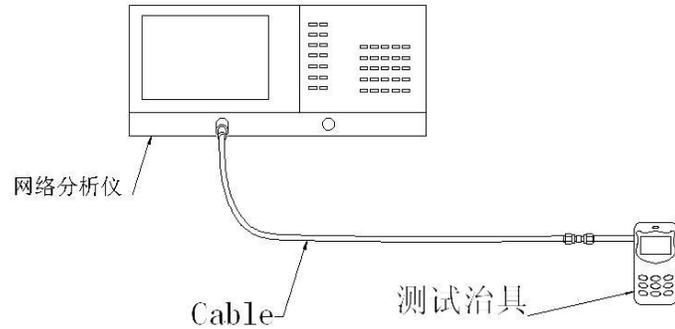


(S11 parameters)

AGP-1400-06-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.

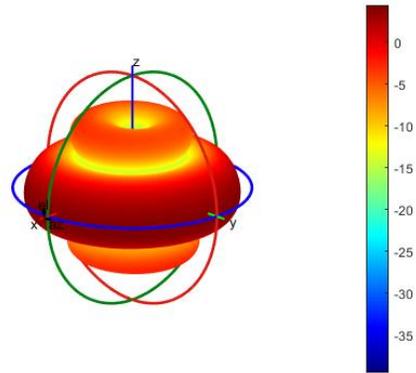
频率 (MHz)	1370	1420	1450
VSWR	1.33	1.35	1.42
Return Loss	-16.9	-16.5	-15.2

(antenna passive data)

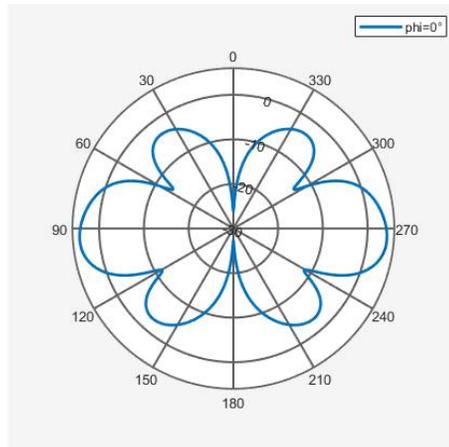
频率 (MHz)	增益 (dBi)	效率 (%)
1.37	4.45	78.29
1.375	4.53	75.96
1.38	4.60	76.78
1.385	4.66	77.28
1.39	4.72	76.45
1.395	4.77	75.4
1.4	4.82	74.29
1.405	4.86	73.69
1.41	4.91	73.83
1.415	4.95	73.48
1.42	4.99	73.98
1.425	5.03	74.08
1.43	5.07	74.38
1.435	5.10	73.94
1.44	5.14	73.53
1.445	5.17	72.91
1.45	5.21	72.61

(2D and 3D directional) diagrams)

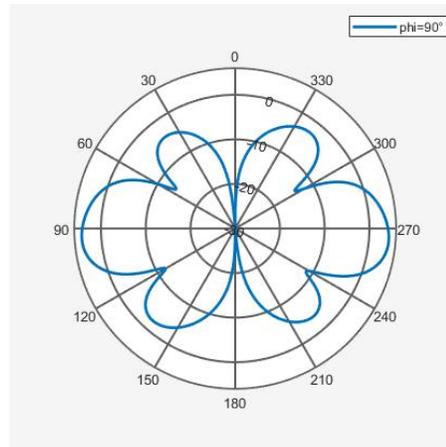
1370MHz Total



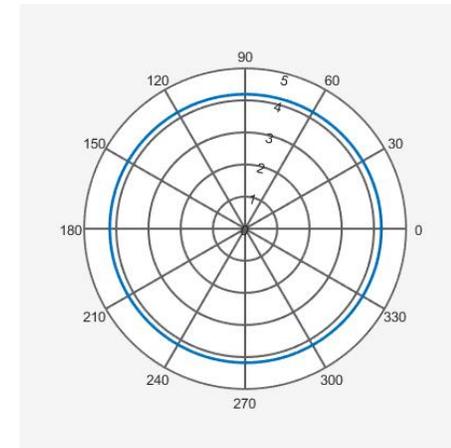
Total($\phi=0^\circ$)



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

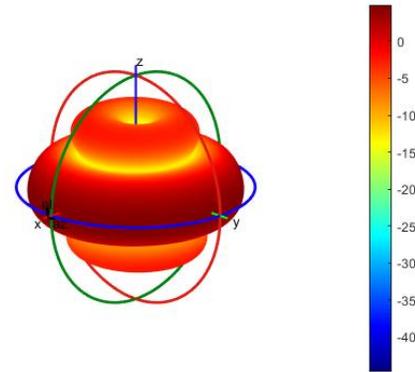


Total($\theta=85^\circ$)

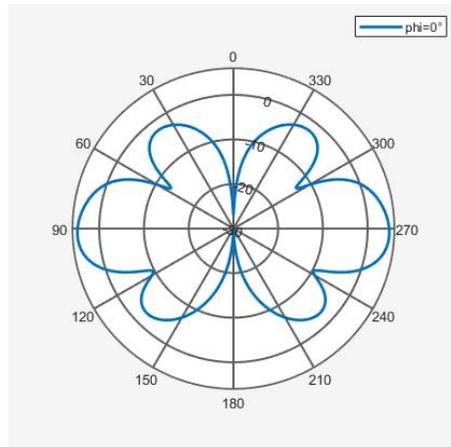


(2D and 3D directional) diagrams)

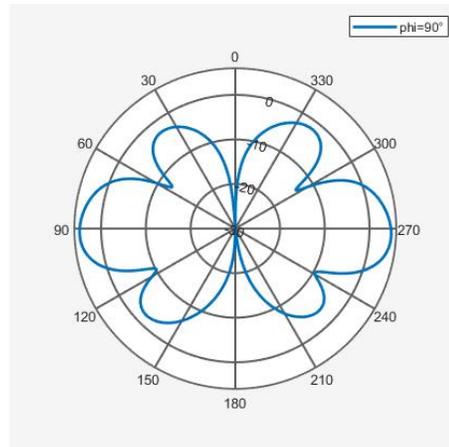
1410MHz Total



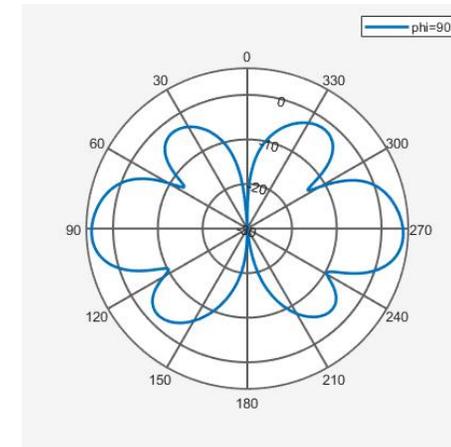
Total($\phi=0^\circ$)



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

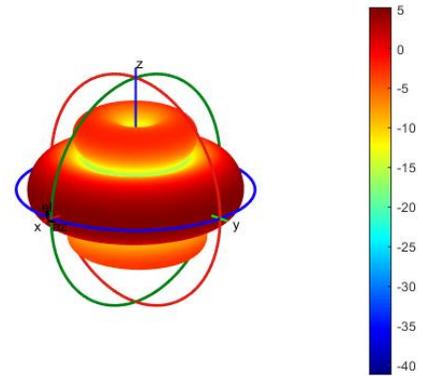


Total($\theta=85^\circ$)

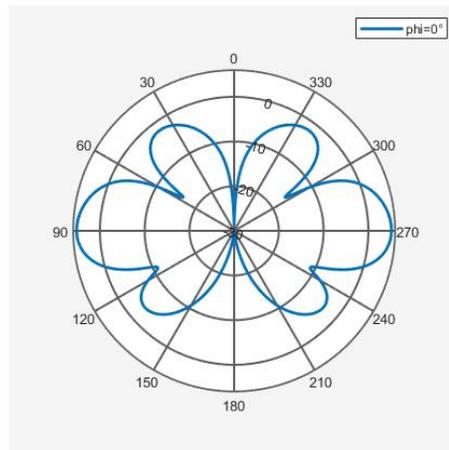


(2D and 3D directional) diagrams)

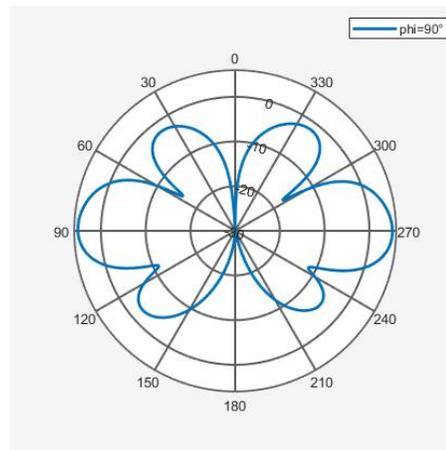
1450MHz Total



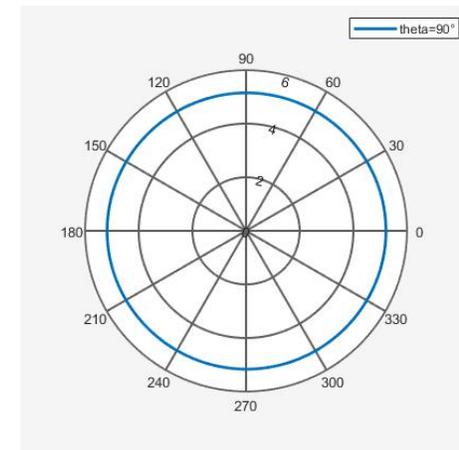
Total($\phi=0^\circ$)



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



Total($\theta=85^\circ$)



(Antenna photo)

