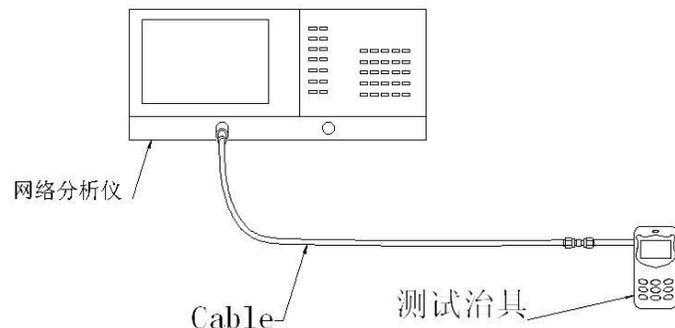


(S11 parameters)

AGP-5200-11-GN



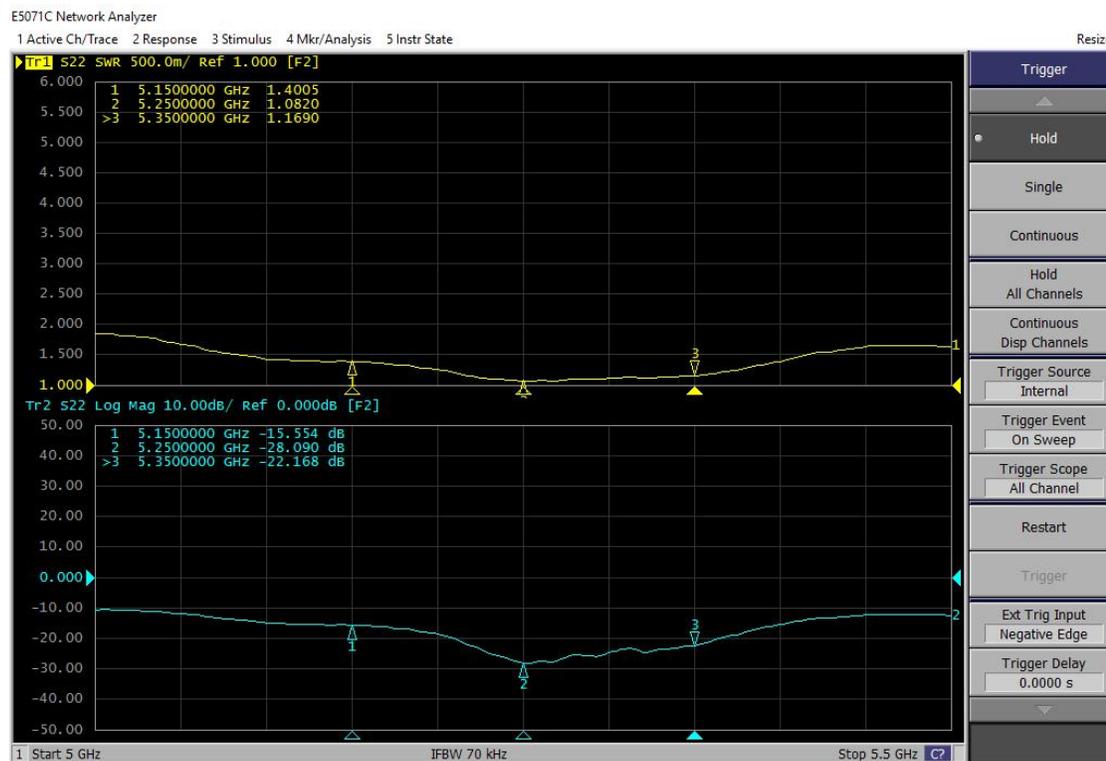
S11 Test Methodology

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.



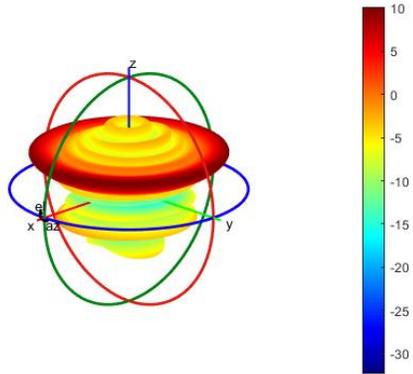
频率 (MHz)	5150	5250	5350
VSWR	1.40	1.08	1.16
Return Loss	-15.5	-28.1	-22.2

(antenna passive data)

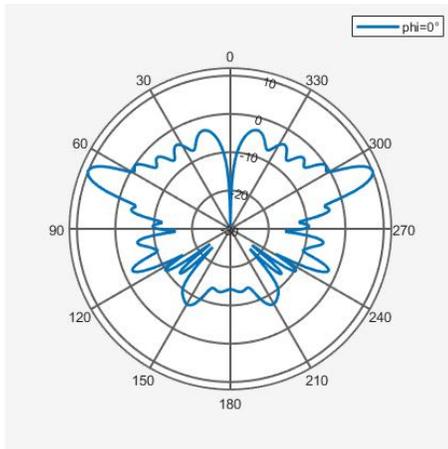
频率 (MHz)	增益 (dBi)	效率 (%)
5.15	10.10	74.11
5.175	10.19	64.78
5.2	10.28	68.6
5.225	10.32	73.1
5.25	10.40	67.27
5.275	10.38	68.22
5.3	10.36	70.11
5.325	10.36	68.51
5.35	10.33	68.65

(2D and 3D directional) diagrams)

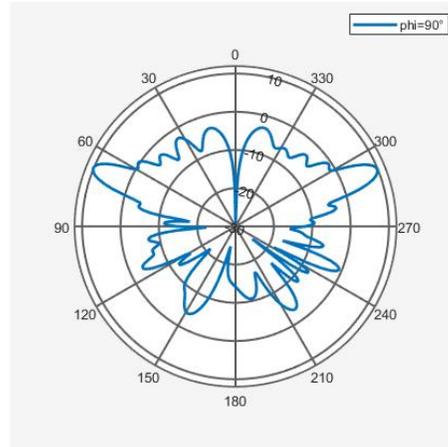
5150MHz Total



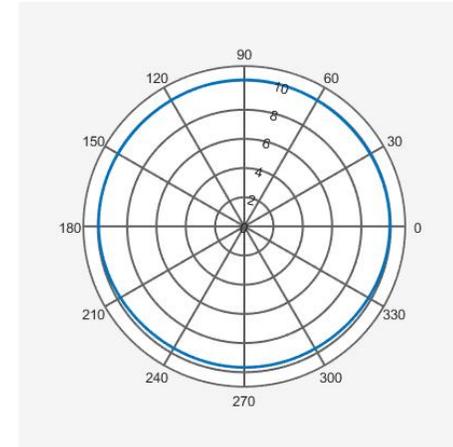
Total($\phi=0^\circ$)



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

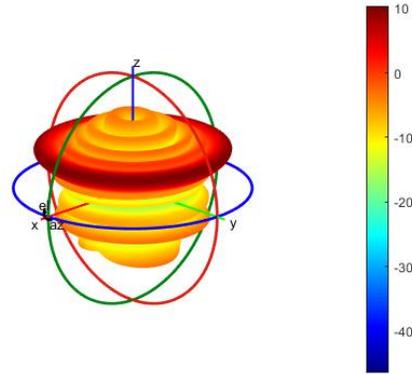


Total($\theta=67^\circ$)

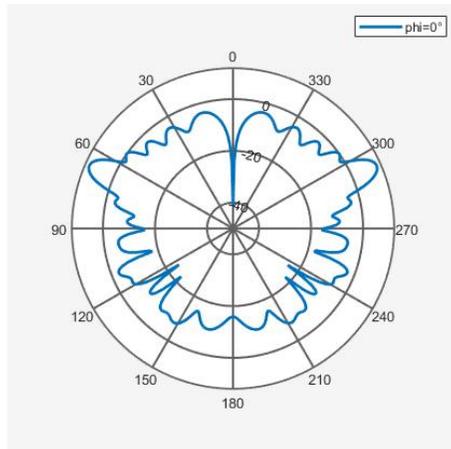


(2D and 3D directional) diagrams)

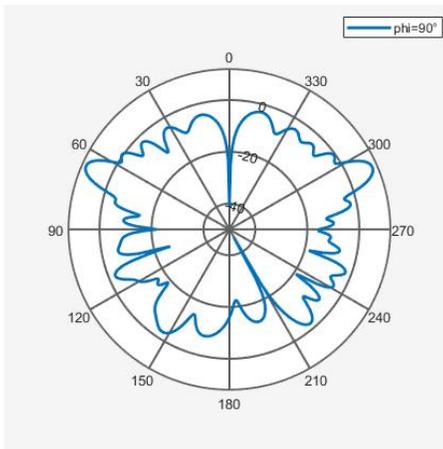
5250MHz Total



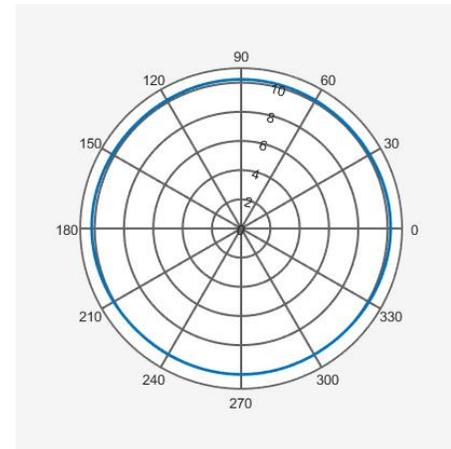
Total($\phi=0^\circ$)



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

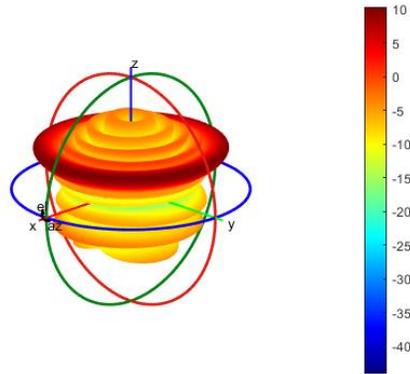


Total($\theta=67^\circ$)

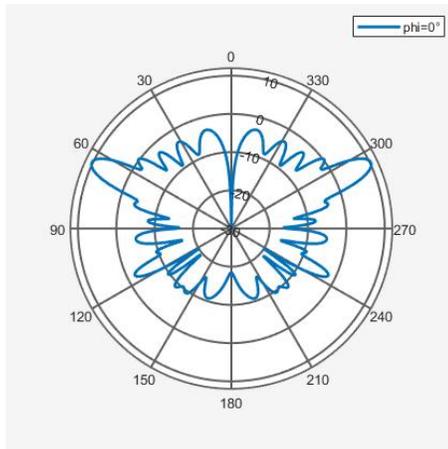


(2D and 3D directional) diagrams)

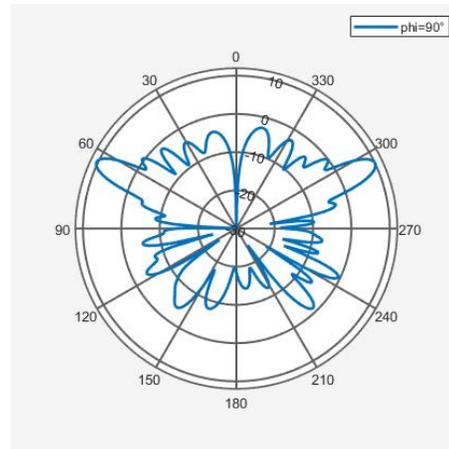
5350MHz Total



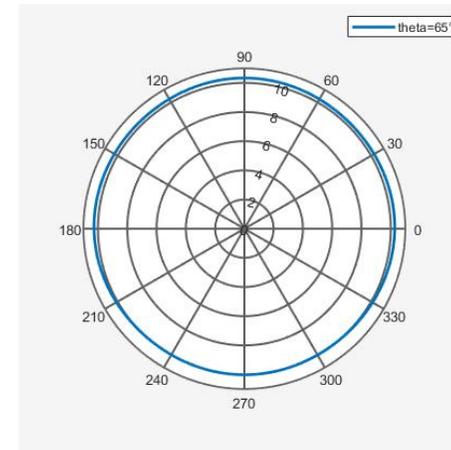
Total($\phi=0^\circ$)



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



Total($\theta=67^\circ$)



(Antenna photo)

