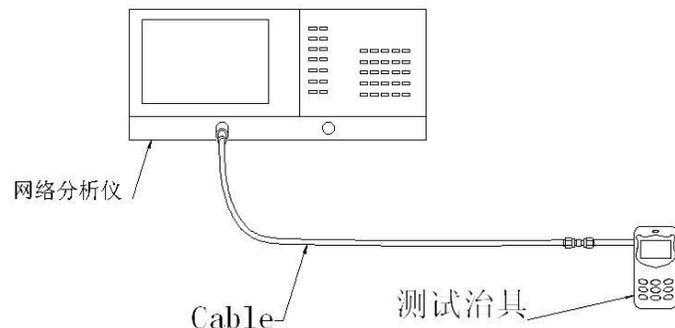


(S11 parameters)

AGP-5800-11-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.



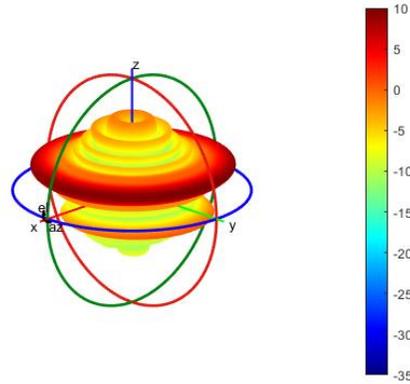
频率 (MHz)	5725	5825	5925
VSWR	1.22	1.20	1.17
Return Loss	-20.1	-20.6	-21.9

(antenna passive data)

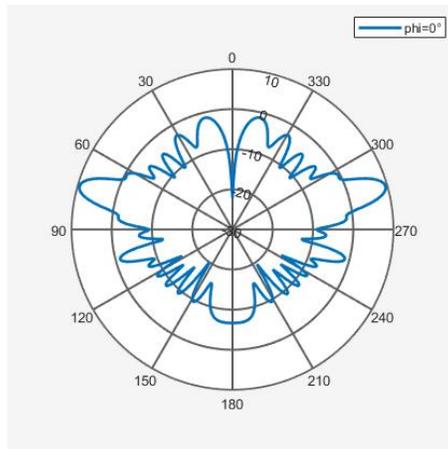
频率 (MHz)	增益 (dBi)	效率 (%)
5.725	10.01	69.81
5.75	10.08	60.48
5.775	10.09	64.30
5.8	10.13	68.80
5.825	10.10	62.97
5.85	10.13	63.92
5.875	10.12	65.81
5.9	10.11	64.21
5.925	10.11	64.35

(2D and 3D directional) diagrams

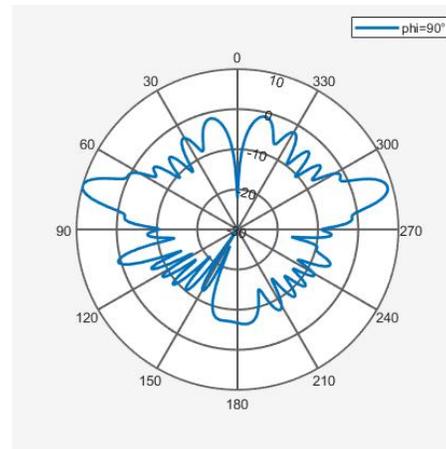
5725MHz Total



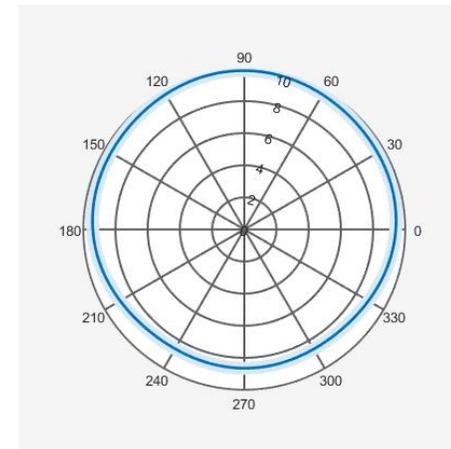
Total($\phi=0^\circ$)



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

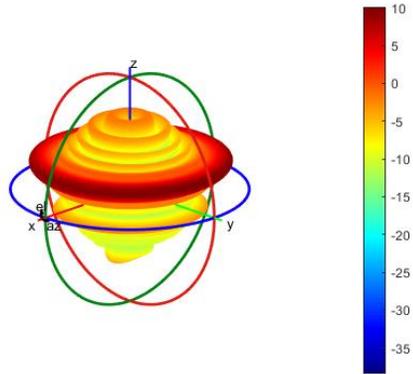


Total($\theta=73^\circ$)

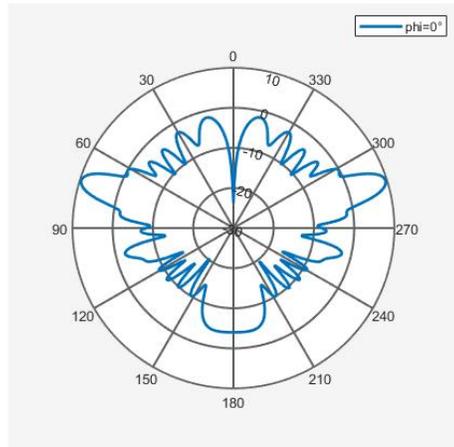


(2D and 3D directional) diagrams)

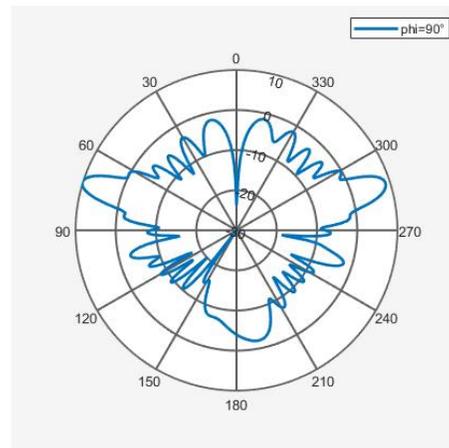
5825MHz Total



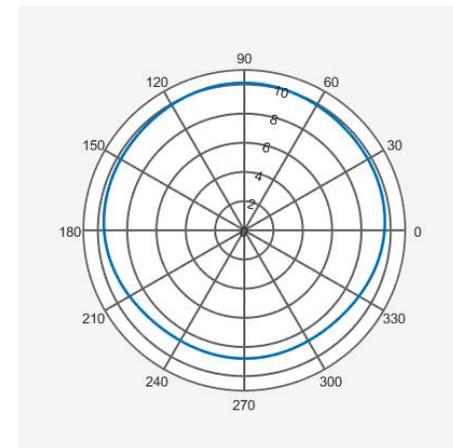
Total($\phi=0^\circ$)



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

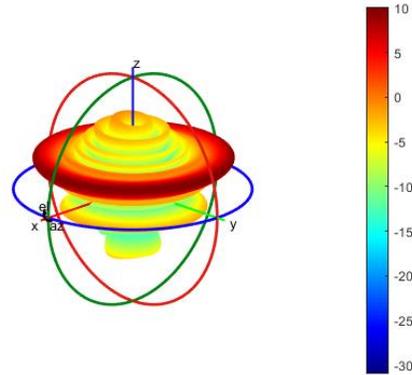


Total($\theta=73^\circ$)

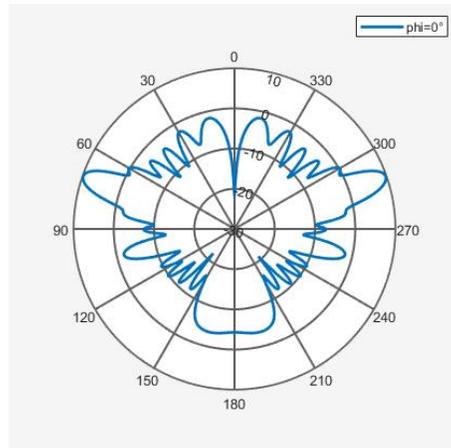


(2D and 3D directional) diagrams)

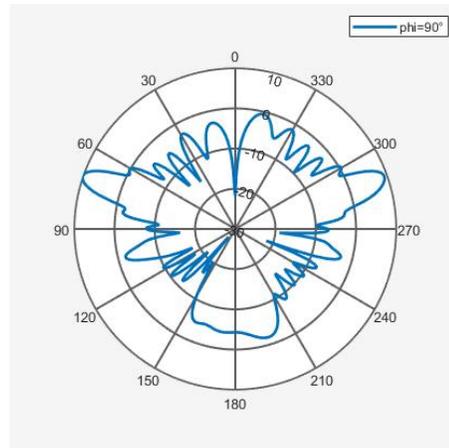
5925MHz Total



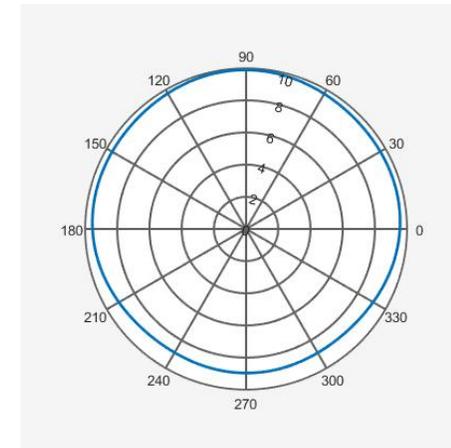
Total($\phi=0^\circ$)



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



Total($\theta=73^\circ$)



(Antenna photo)

