

Antenna manufacturer	Company name	TE Connectivity Corporation
	Address	2901 Fulling Mill Road, Middletown PA 17057, USA, 17057
Test location	Company name	TE Connectivity Operations Sdn. Bhd.
	Address	Plot 522, Lorong Perusahaan Baru 3, Prai Industrial Estate, 13600 Perai, Penang, Malaysia
Test Personnel	Name (Full name)	Hanis Amirah
Testing date		20 th Aug. 2026
Antenna Manufacturer Part No		2367286-1
Antenna Part Description		LTE ANTENNA COTS FPC ASSY 200mm Cable

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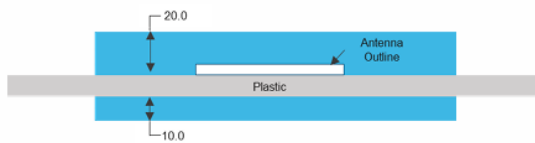
1. Antenna Description



FEATURES & BENEFITS

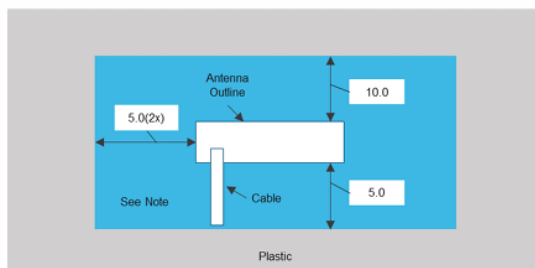
- Adhesive backing on the FPC simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required

KEEP OUT AREA

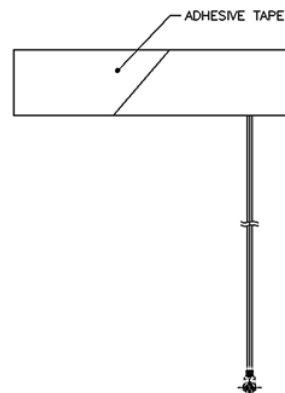
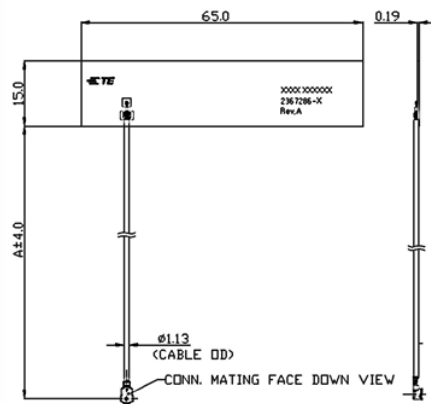


NOTES

1. Antenna designed to be mounted on plastic cover.
2. Area in blue indicates Keep Out Area.
3. For more information please call TE.



Dimension: mm
Diagrams is not to scale



As shown
2367286-1, 2367286-2, 2367286-5, 2367286-6, 2367286-7, 2367286-9
1-2367286-1, 1-2367286-2, 1-2367286-3, 1-2367286-4, 1-2367286-5, 1-2367286-6, 1-2367286-7

Dimensions: mm
Diagram is not to scale

SPECIFICATIONS

(2367286-1)

Frequency Range (MHz)	698 - 960	1710 - 2700	3300 - 3800	3800 - 4200
VSWR	< 3.3:1	< 2.5:1	< 1.8:1	< 1.8:1
Efficiency	53%	61%	75%	73%
Average Gain	-2.9 dBi	-2.2 dBi	-1.3 dBi	-1.4 dBi
Peak Gain	1.3 dBi	2.7 dBi	4.0 dBi	5.6 dBi
Power Handling	10 Watt cw			
Feed Point Impedance	50 ohms unbalanced			
Polarization	Linear			
Size	65 mm x 15 mm x .02 mm			
Weight	< 2.0 g			
Mounting	Adhesive Tape			
Mating Connectors	MHF-type.			
Cable (Coaxial)	1.13mm Dia.			
Operating Temperature	-40 to +85°C			
Storage Temperature	-40 to +85°C			
Hazardous Materials	A certificate of conformance is available from the product page on TE website.			

2. Document Revision History

Revision #	Revision Details	Issued Date
Rev. 00	First Issue	20 th August 2026

3. Test & System Description

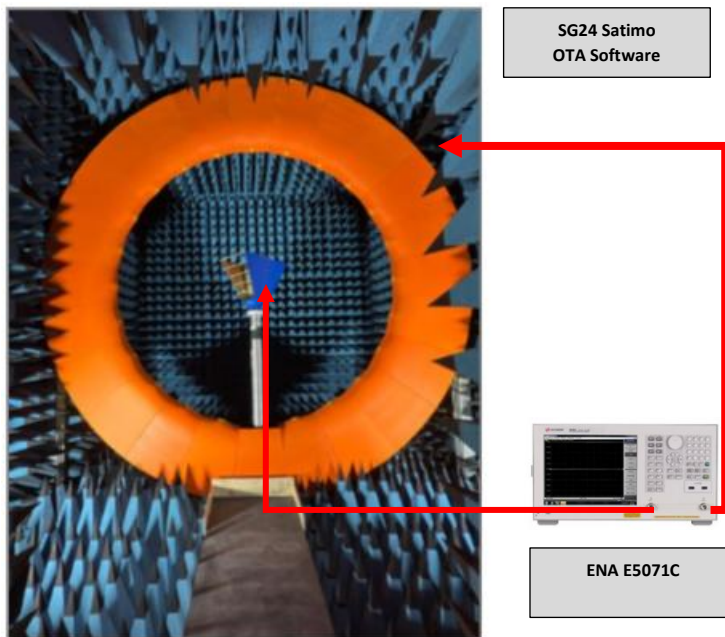
3.1 Measurement Method and System

Antenna under test is placed on the Styrofoam pedestal (Inside the Anechoic Chamber) as shown below.

Antenna under test is measured in the nearfield measurement system.

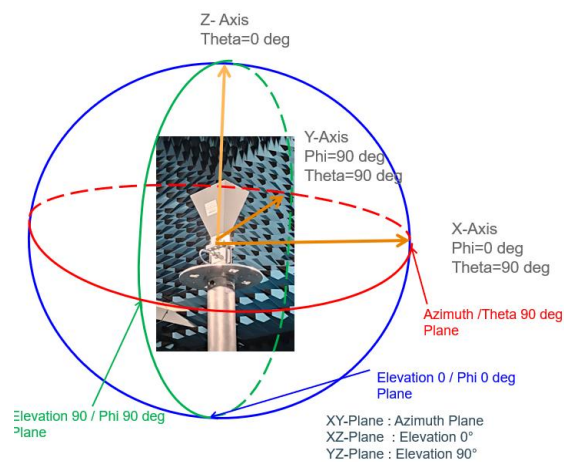
The Farfield of the antenna is post-processed near Nearfield to Farfield Transformation.

The measurement system is MVG Satimo SG24 3D Chamber



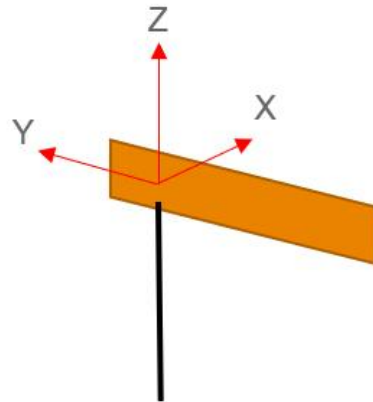
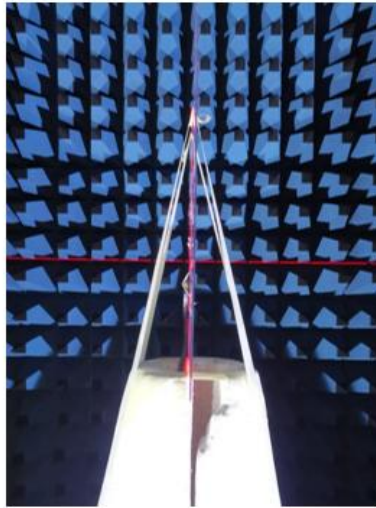
- Frequency range: 0.4 – 6 GHz.
- Multi-probe antenna measurement system
 - 23 probes spaced at 15° in elevation
 - Oversampling capability: $\pm 7.5^\circ$
 - Internal arch diameter of 2.4 meters
- Rapid 3D scanning of antenna in passive mode up to 6 GHz

The measurement Coordinate System is shown below.



3.2 Test setup

Antenna Under test setup photo is shown as below. The antenna is adhere to a plastic sheet of thickness

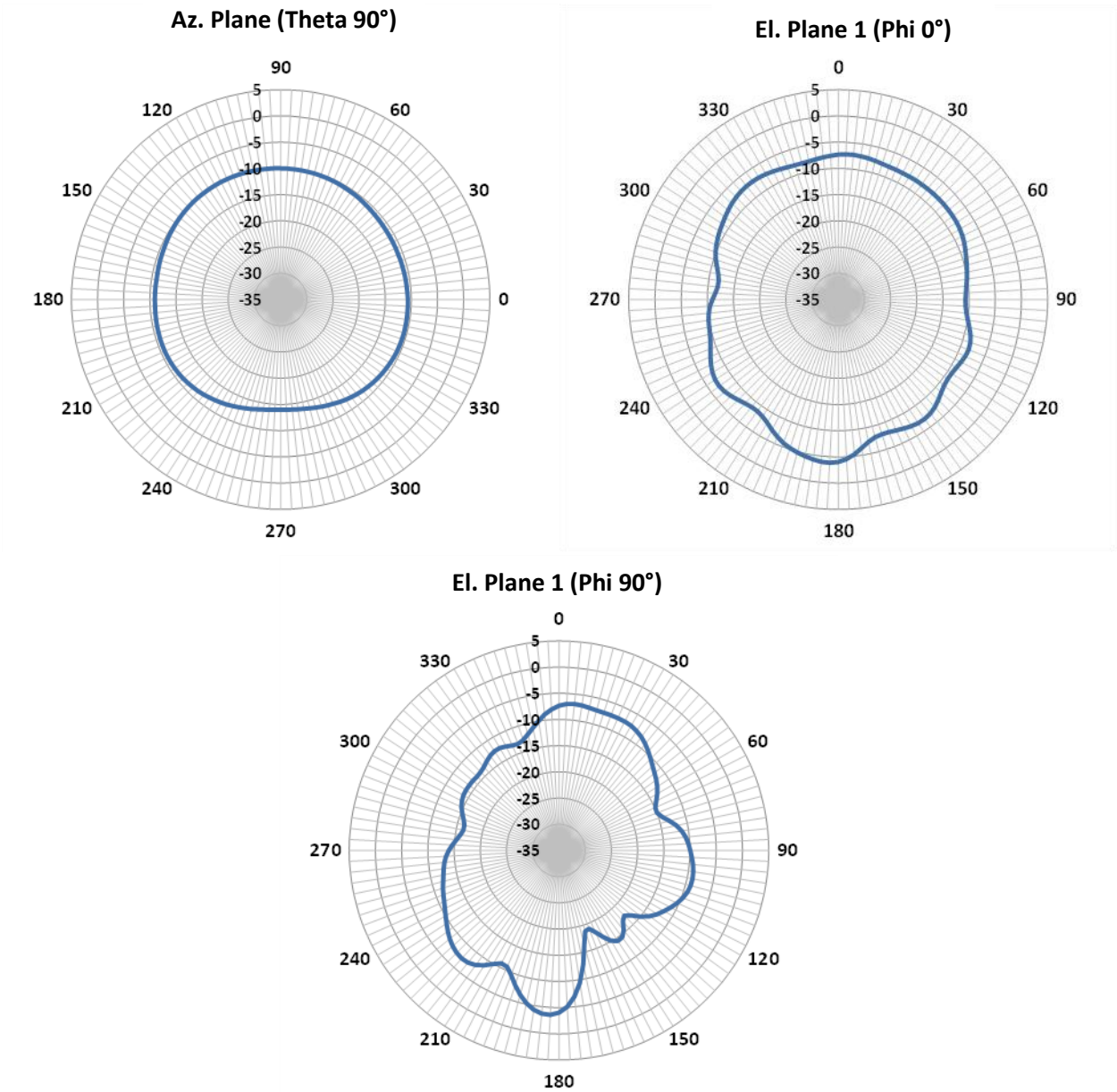


3.3 Equipment list

No.	Device	Type/Model	Serial	Manufacturer
1	3D Anechoic Chambers	SG24 Satimo Passive Measurement (SPM)	-	MVG
2	Measurement software	SatEnv and SPM	-	MVG
3	Network Analyzer	E5071C	MY46100679	Agilent Technologies

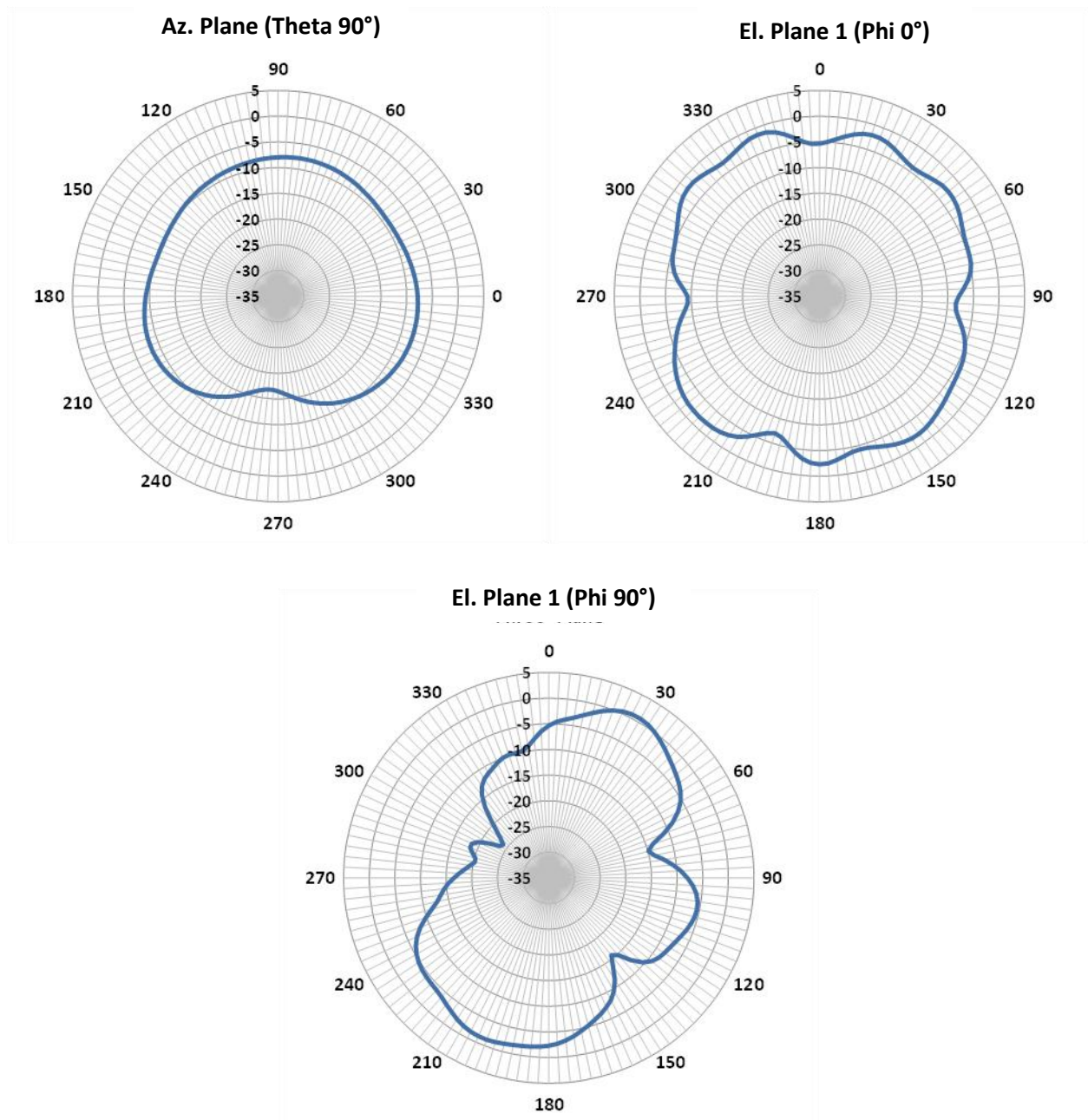
4. Radiation Pattern of the antenna

Radiation Pattern 650 MHz



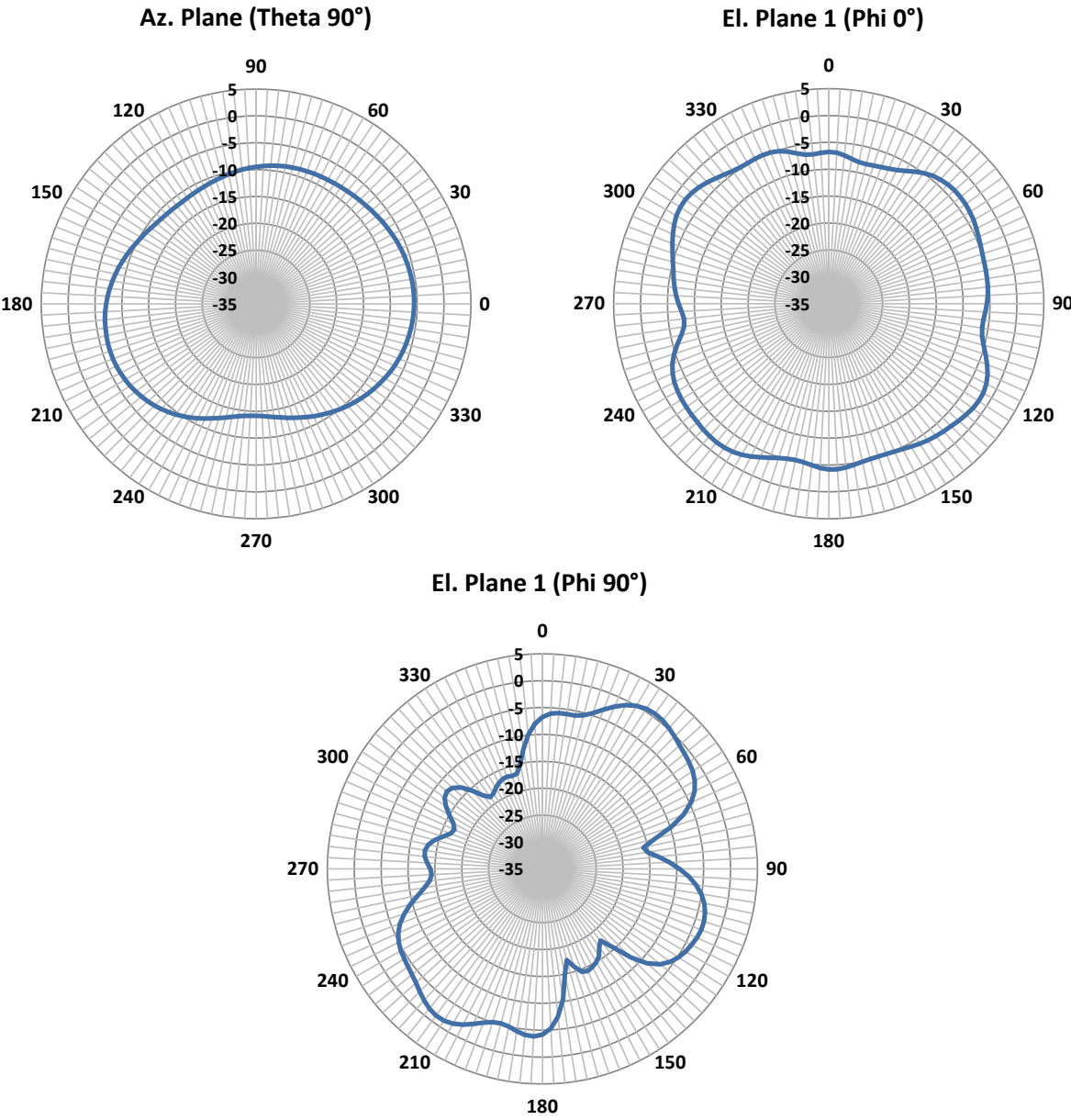
Frequency (MHz)	Peak Gain (dBi)
650	-0.93

Radiation 750 MHz



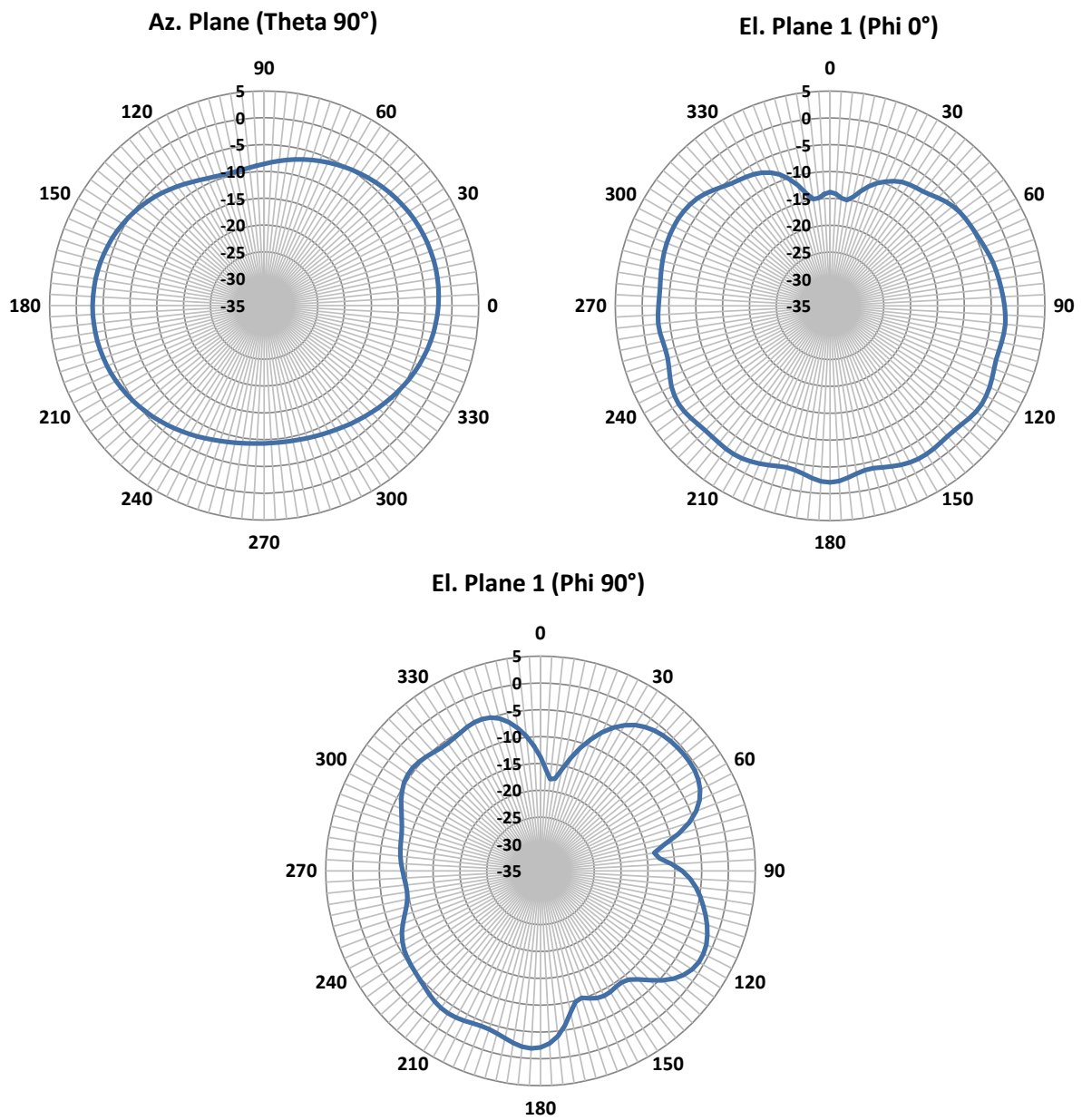
Frequency (MHz)	Peak Gain (dBi)
750	-0.04

Radiation Pattern 850 MHz



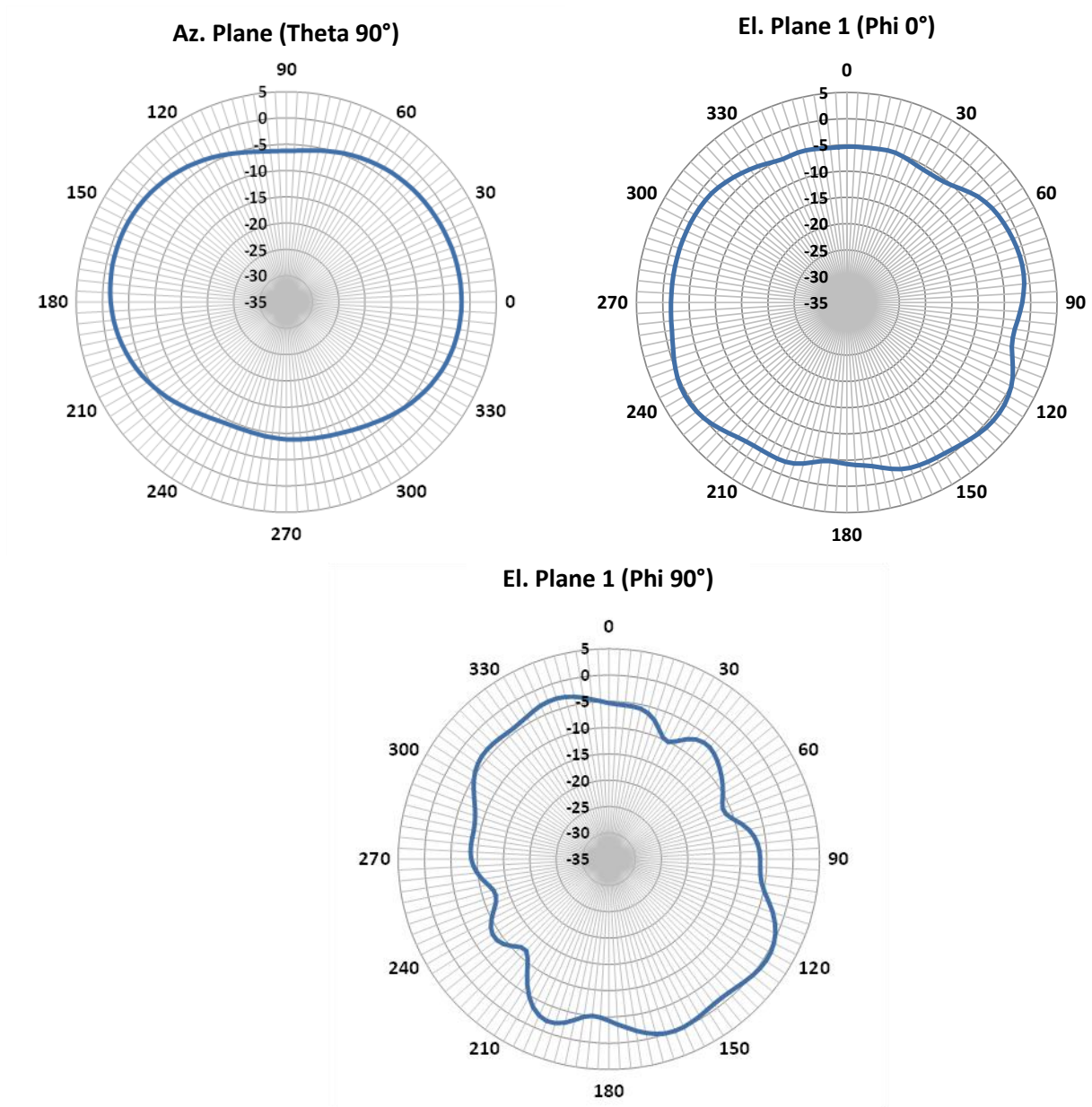
Frequency (MHz)	Peak Gain (dBi)
850	0.87

Radiation Pattern 950 MHz



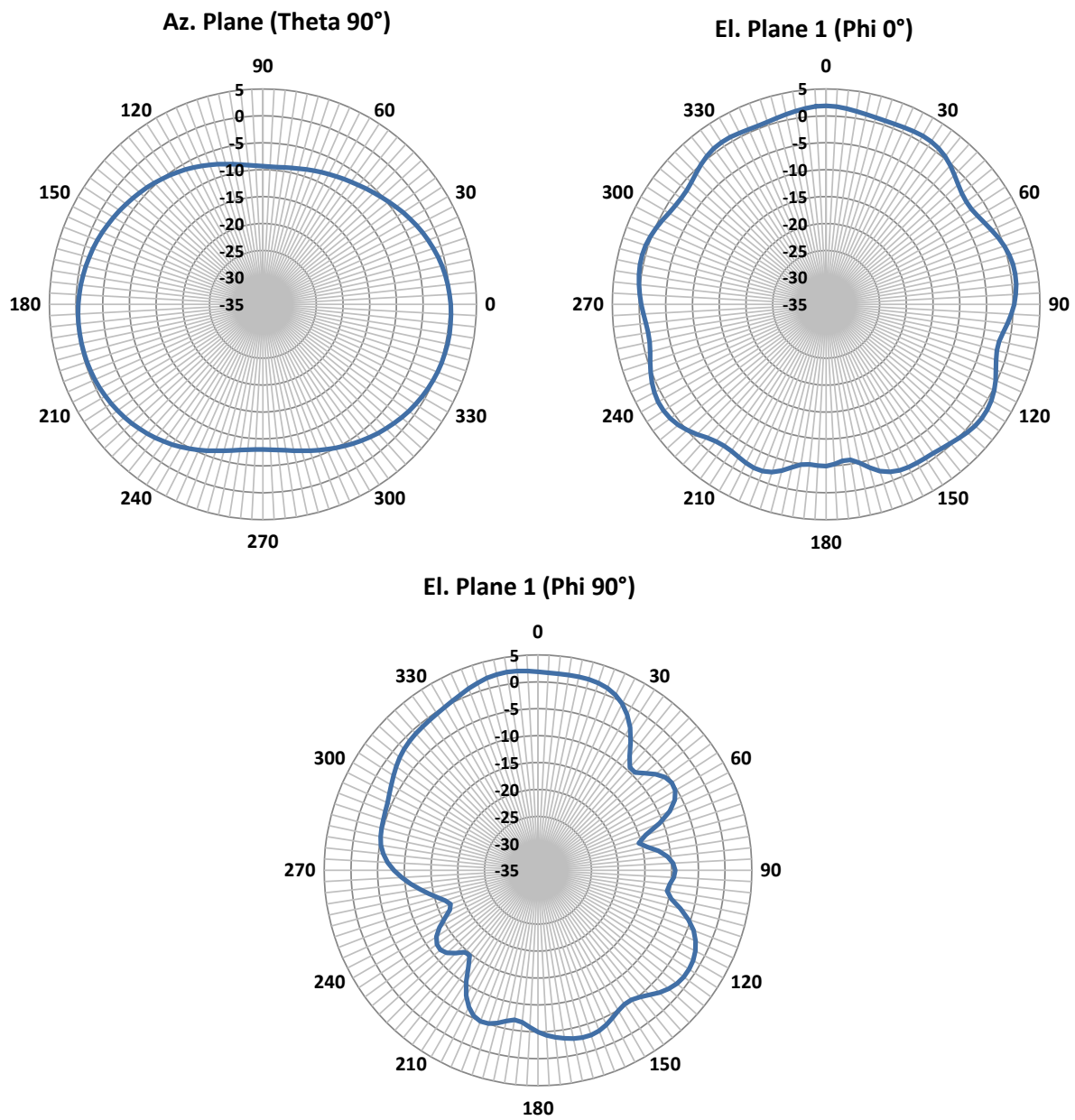
Frequency (MHz)	Peak Gain (dBi)
950	1.31

Radiation Pattern 1700 MHz



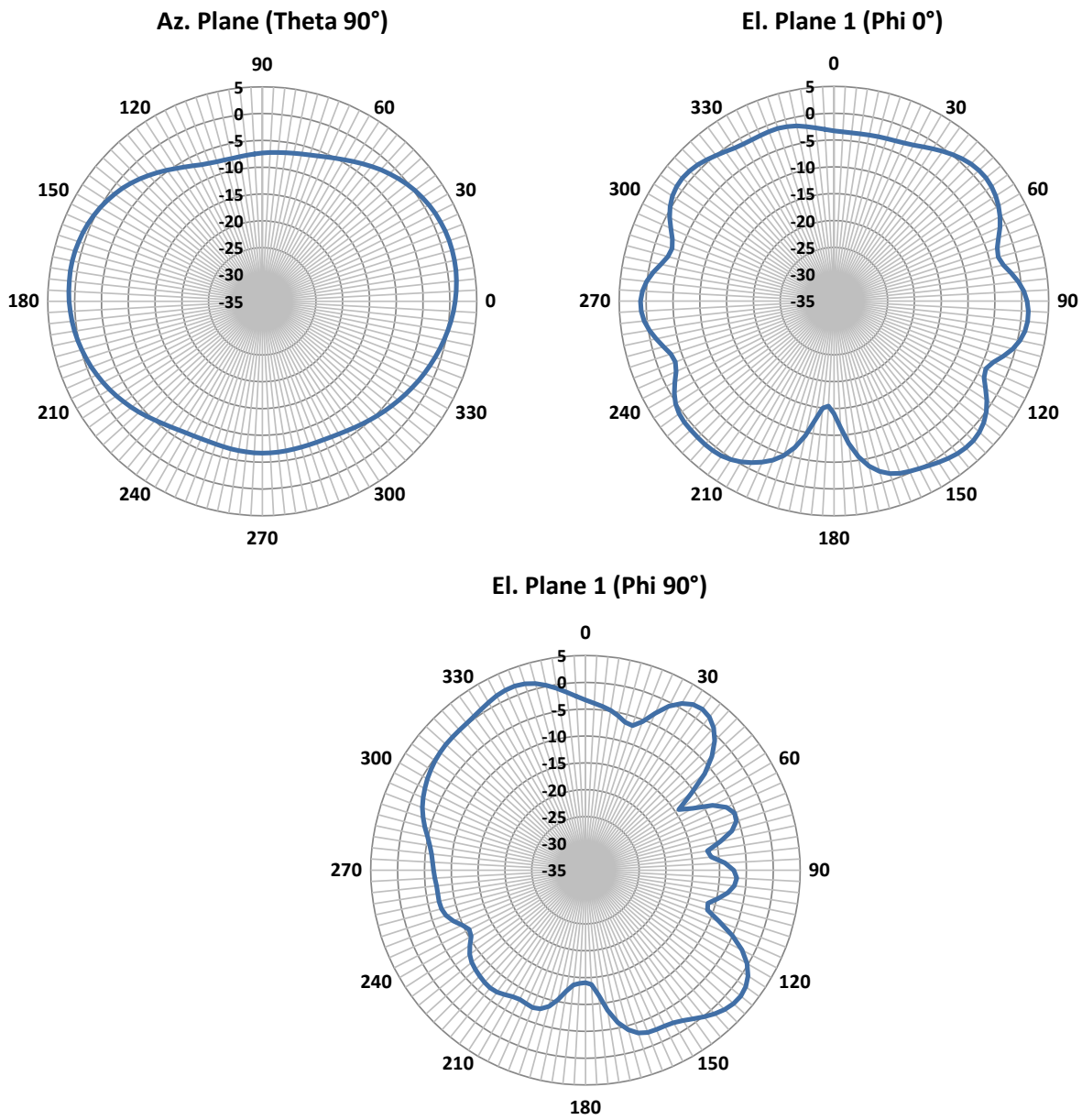
Frequency (MHz)	Peak Gain (dBi)
1700	2.69

Radiation Pattern 1900 MHz



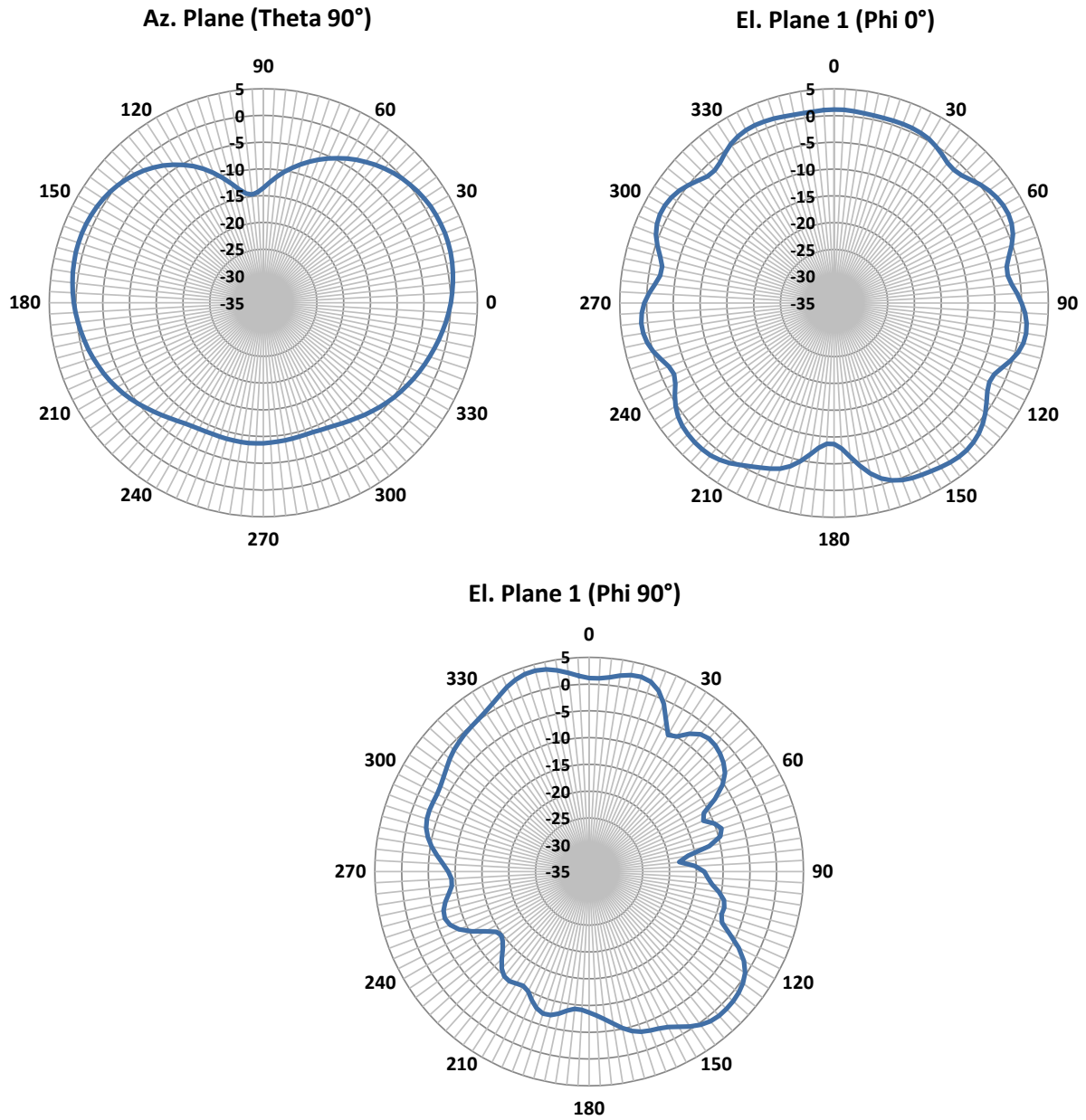
Frequency (MHz)	Peak Gain (dBi)
1900	2.94

Radiation Pattern 2200 MHz



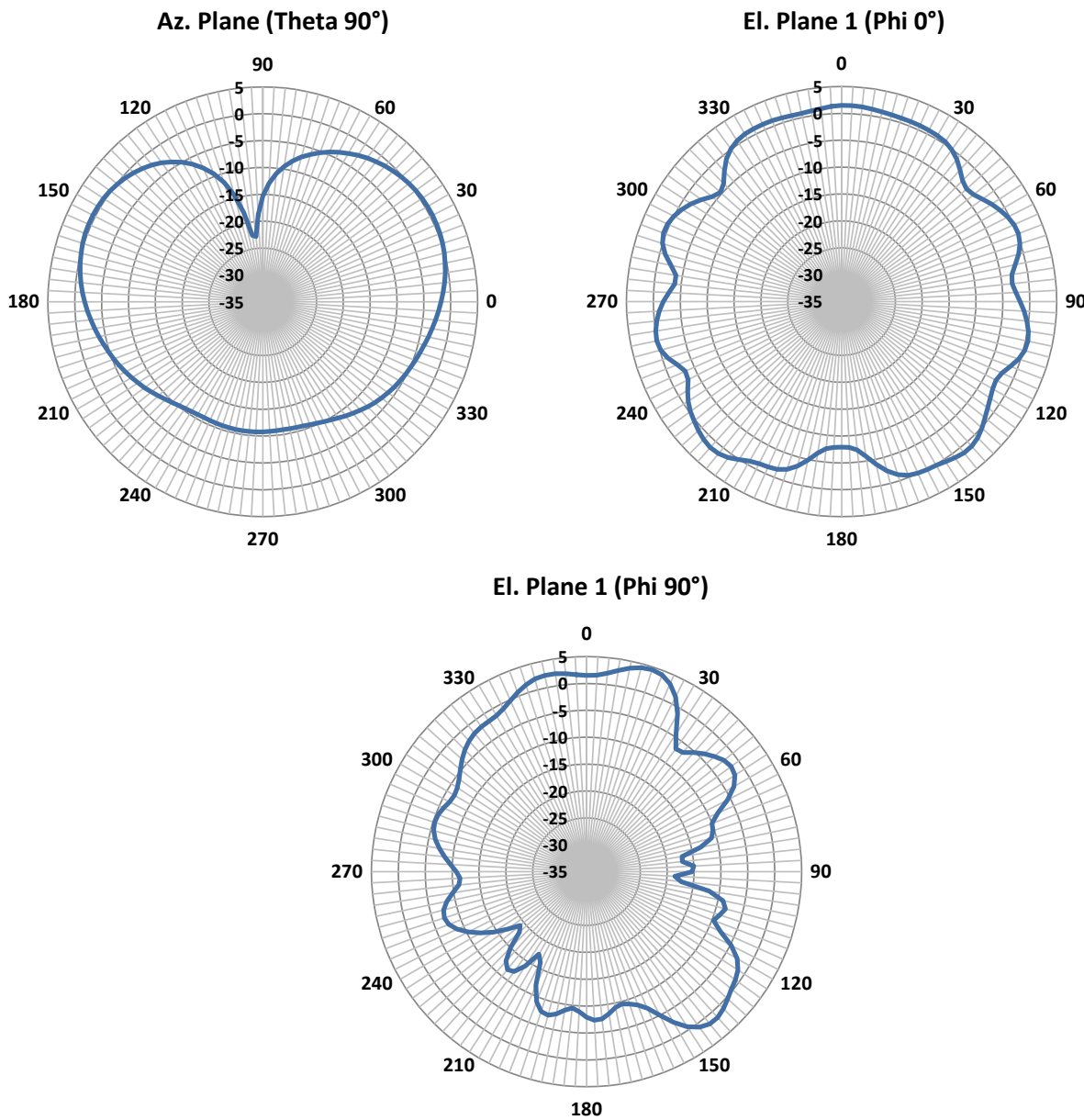
Frequency (MHz)	Peak Gain (dBi)
2200	4.71

Radiation Pattern 2450 MHz



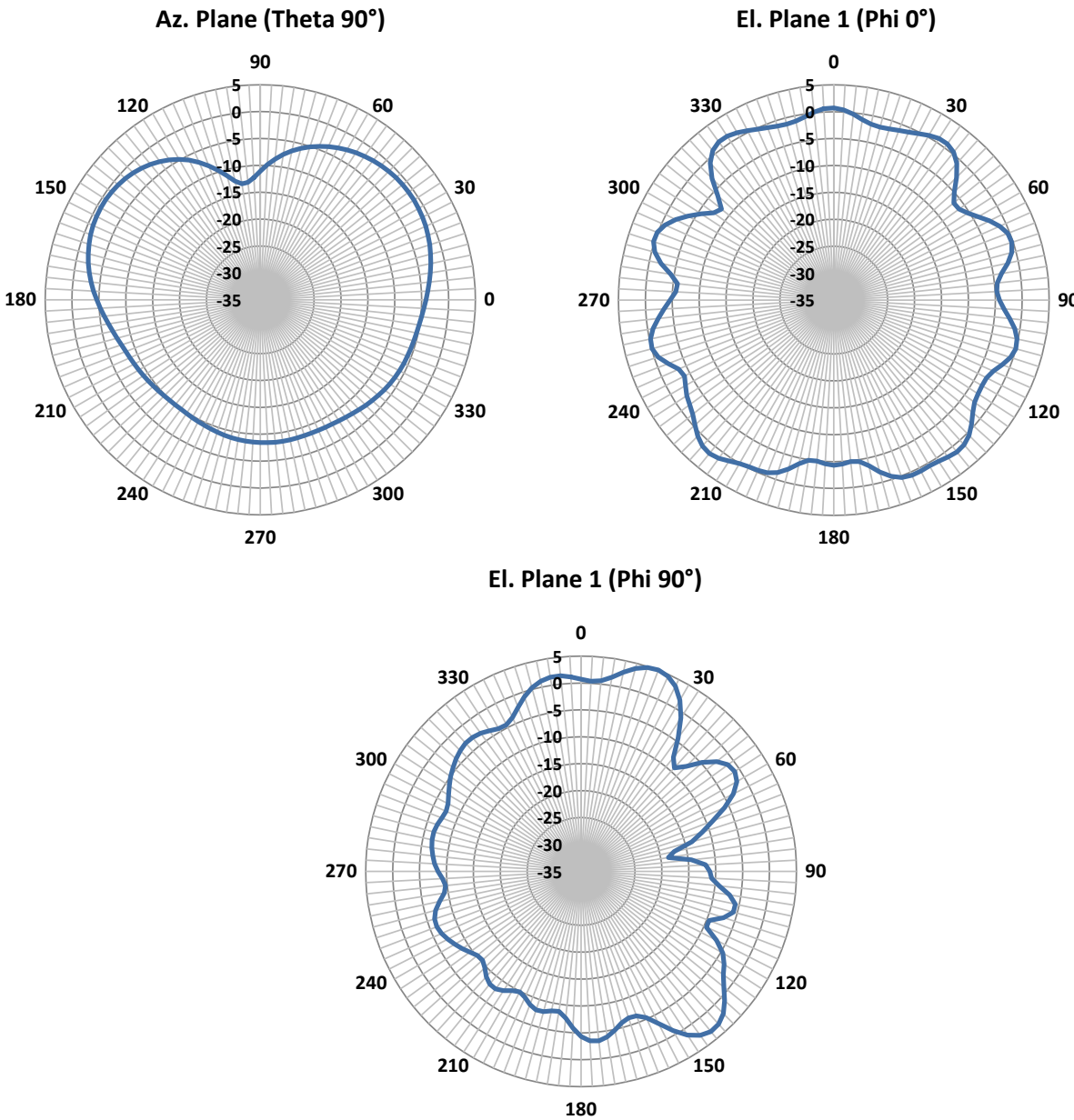
Frequency (MHz)	Peak Gain (dBi)
2450	2.39

Radiation Pattern 2600 MHz



Frequency (MHz)	Peak Gain (dBi)
2600	3.08

Radiation Pattern 2700 MHz



Frequency (MHz)	Peak Gain (dBi)
2700	2.17

3D Gain data

Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)
690	-1.05	930	1.73	1900	2.94	2670	2.27
700	-0.79	940	1.63	1910	3.22	2680	2.02
710	-0.38	950	1.31	1920	2.99	2690	2.06
720	-0.76	960	1.34	1930	2.88	2700	2.17
730	-0.45	970	0.91	1940	2.97		
740	-0.01	980	0.60	2200	4.71		
750	-0.04	990	0.41	2210	4.70		
760	-0.62	1700	2.69	2220	4.71		
770	-0.66	1710	2.79	2230	4.73		
780	-0.40	1720	2.73	2240	4.30		
790	-0.35	1730	2.69	2250	3.92		
800	-0.03	1740	2.74	2450	2.39		
810	0.35	1750	2.81	2460	2.66		
820	0.42	1760	2.93	2470	2.57		
830	0.50	1770	2.95	2480	2.19		
840	0.64	1780	2.48	2490	2.30		
850	0.87	1790	2.09	2500	2.65		
860	1.05	1800	2.29	2600	3.08		
870	1.28	1810	2.50	2610	3.20		
880	1.34	1820	2.69	2620	2.69		
890	1.33	1830	2.86	2630	2.40		
900	1.37	1840	2.90	2640	2.44		
910	1.20	1850	3.09	2650	2.26		
920	1.53	1860	3.52	2660	2.30		