



-7RF Antenna-

7RF-MX1-0001-LJ1-02

External Adhesive Mount LTE Antenna

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Revision: A

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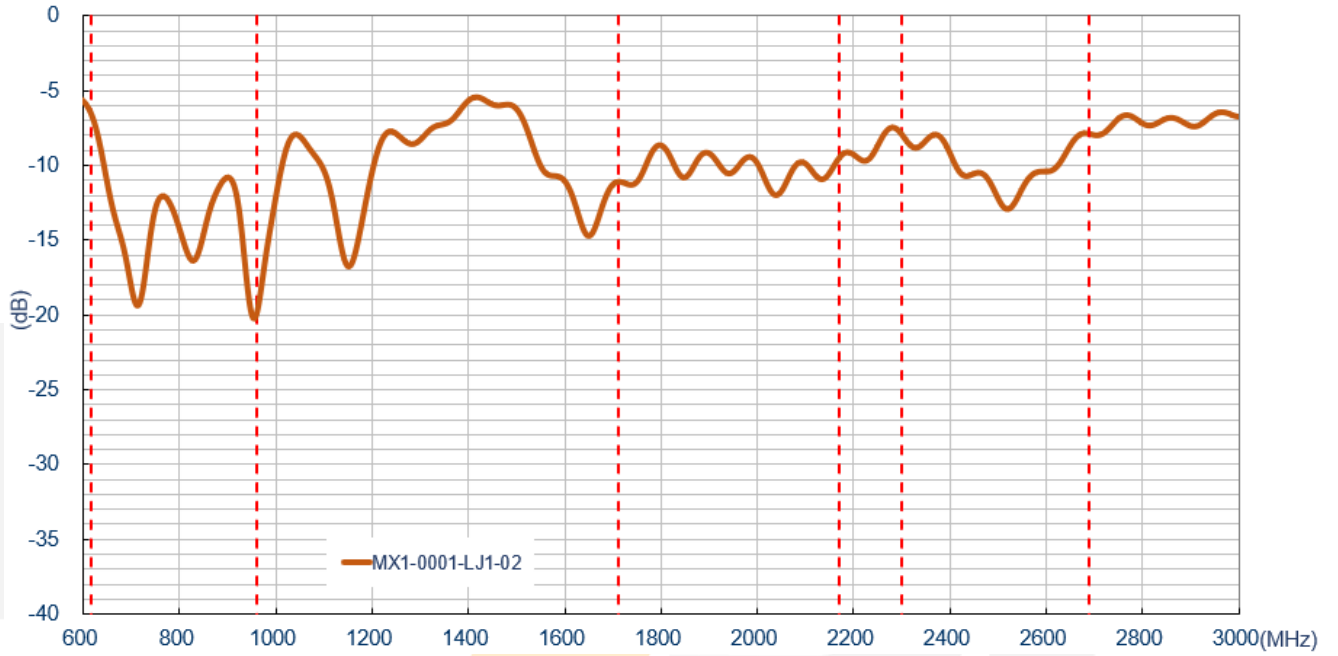
I. Antenna Specification Table

MX1-0001-LJ1-02			
Electrical Characteristics			
Frequency (MHz)	617-698	698-960	1710-2690
Return Loss (dB)	<-6	<-10	<-6
Efficiency (%)	48.99	66.00	37.75
Peak Gain (dBi)	3.09	5.20	2.74
Average Gain (dBi)	-3.11	-1.81	-4.27
Polarization	Linear		
Radiation Pattern	Omni-directional		
Mechanical Characteristics			
Dimension (mm)	115.6*21.7*5.8		
Cable & Length	RG-174, 1 meter		
Connector	SMA (M)		
Storage Temperature (°C)	-40~+85		
Operate Temperature (°C)	-40~+85		

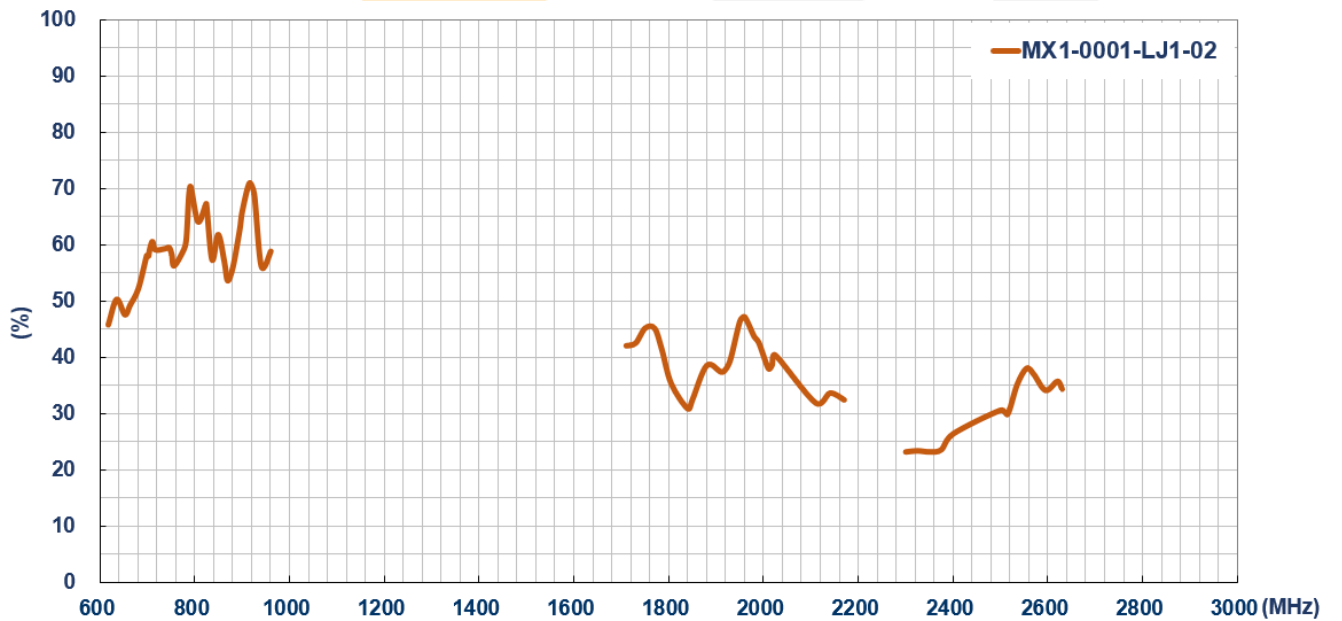


II. Antenna Parameters

Return Loss:

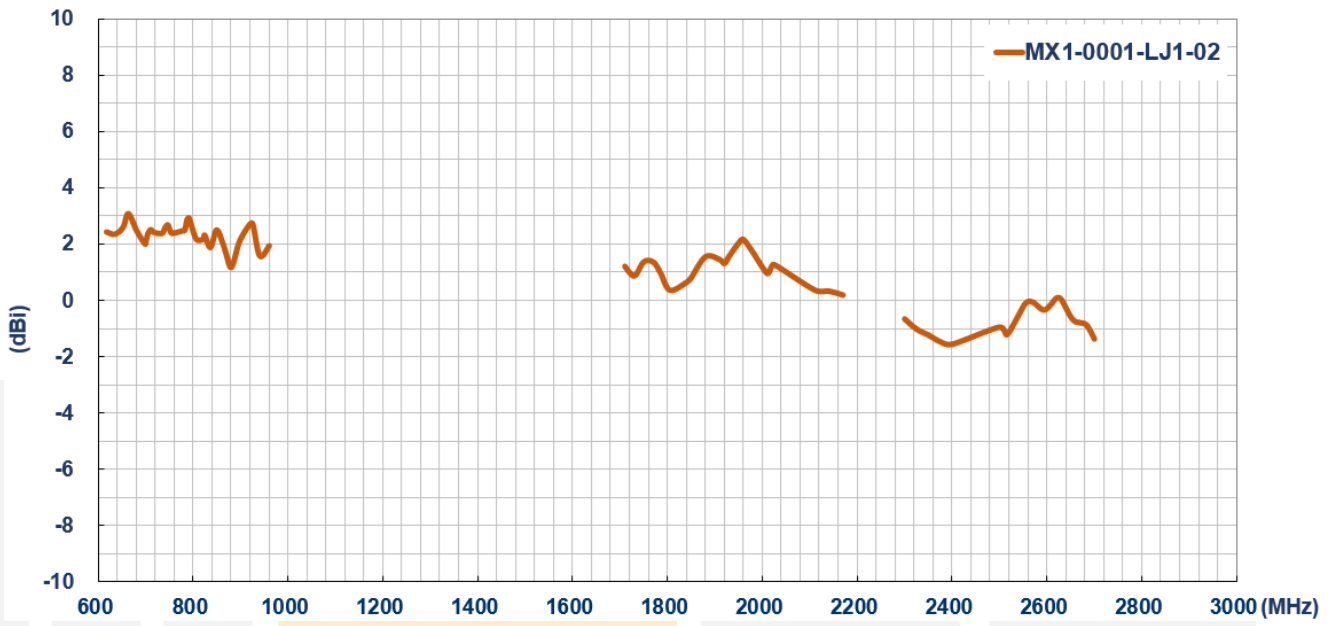


Efficiency:

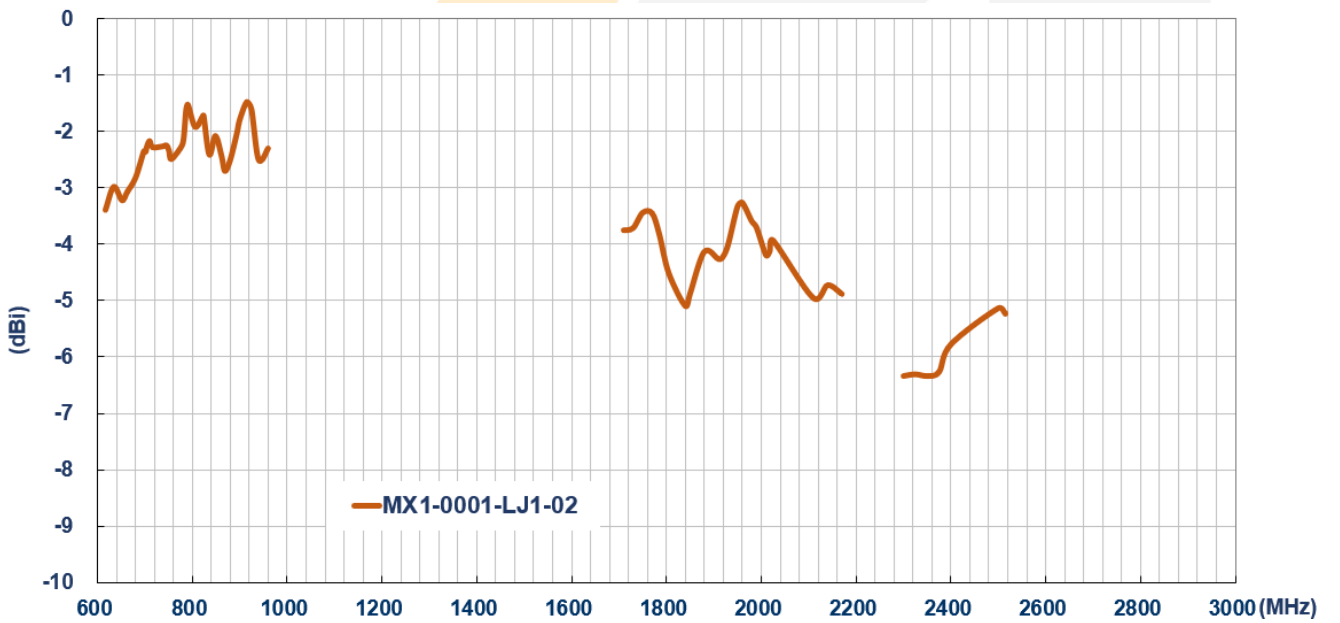




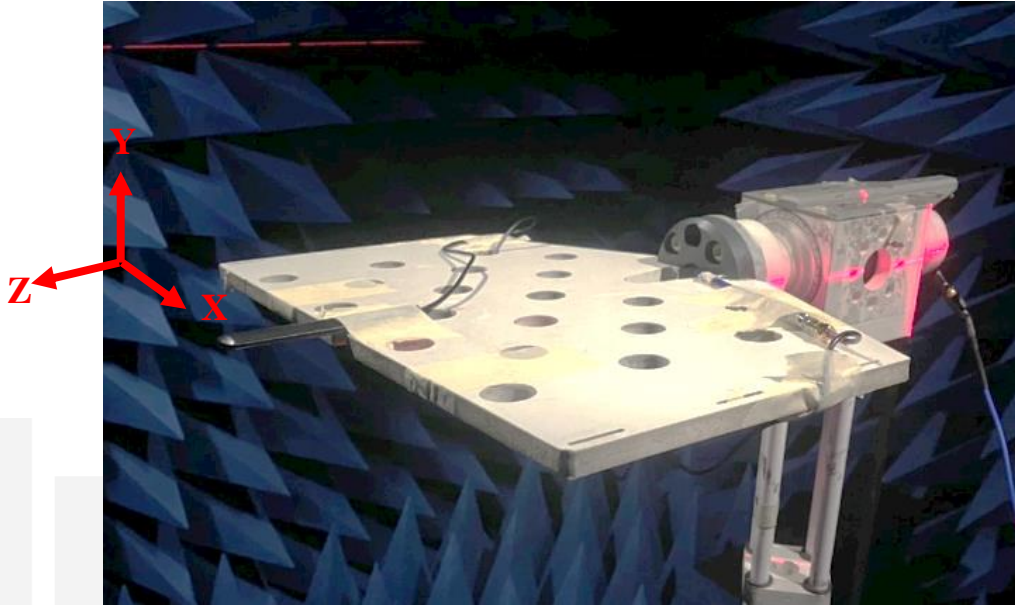
Peak Gain:



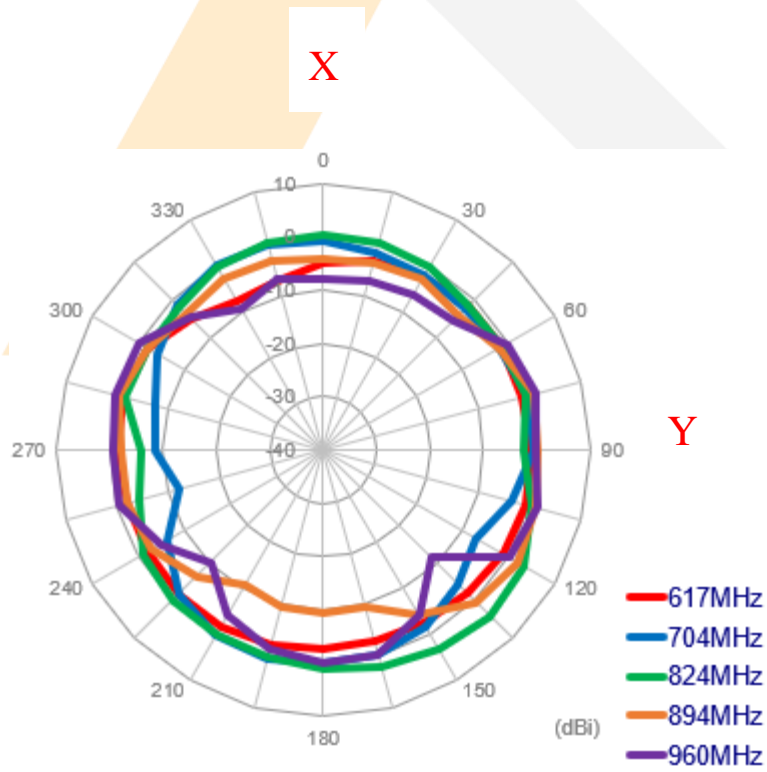
Average Gain:

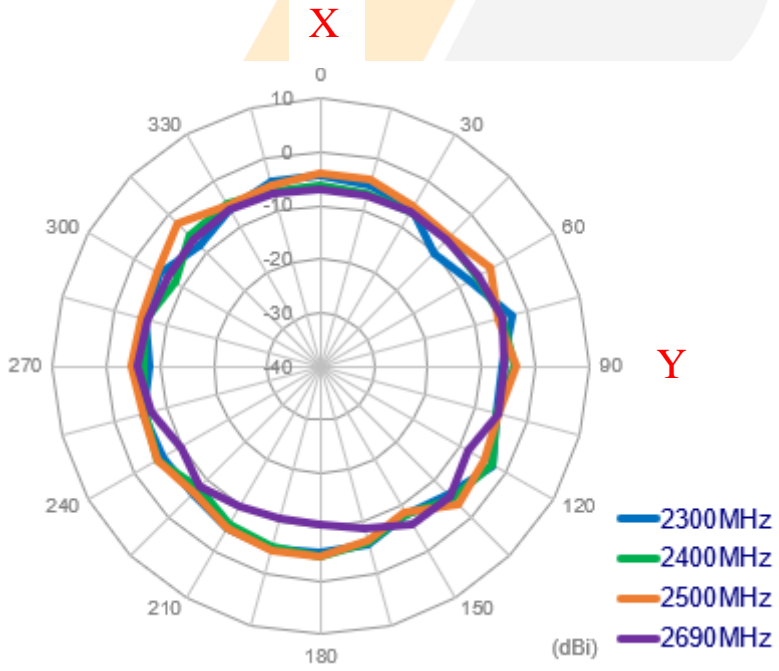
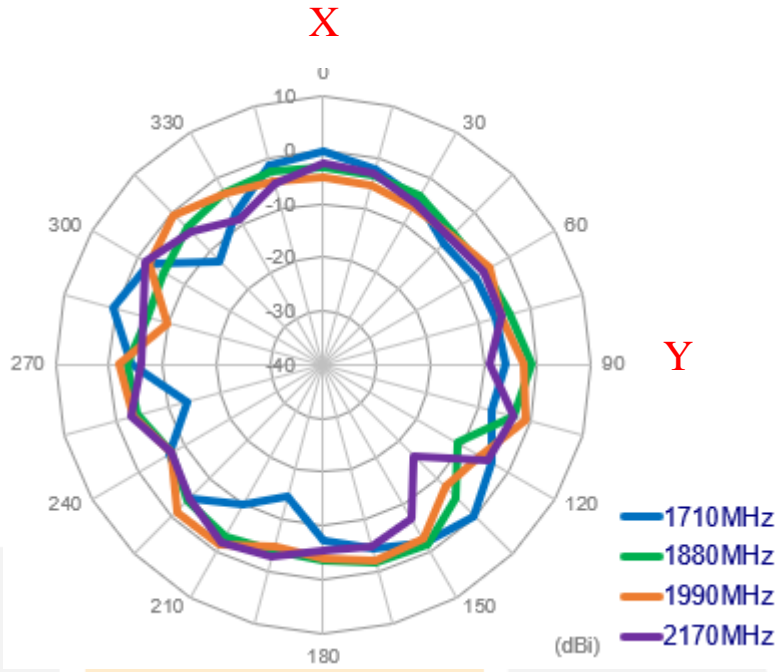


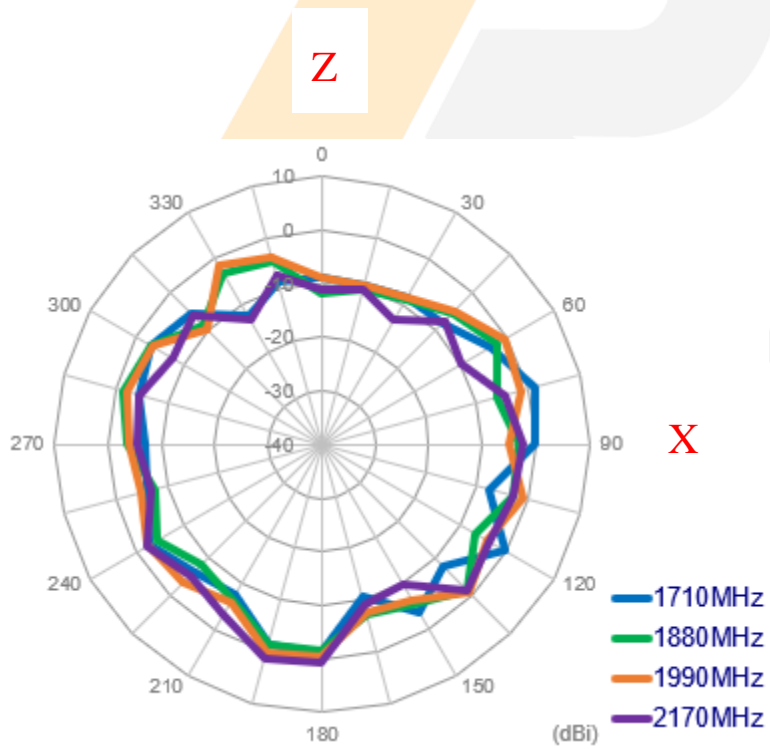
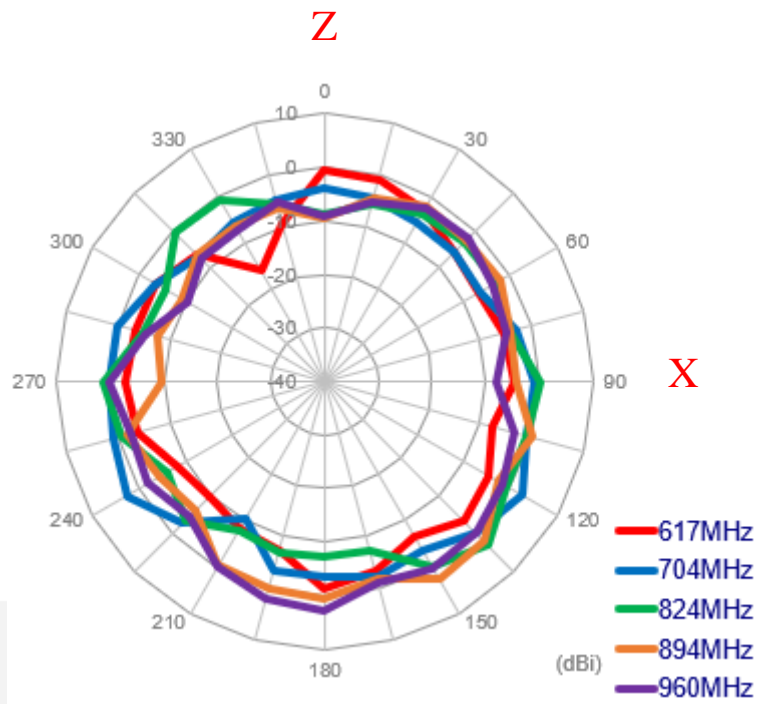
III. Radiation Pattern

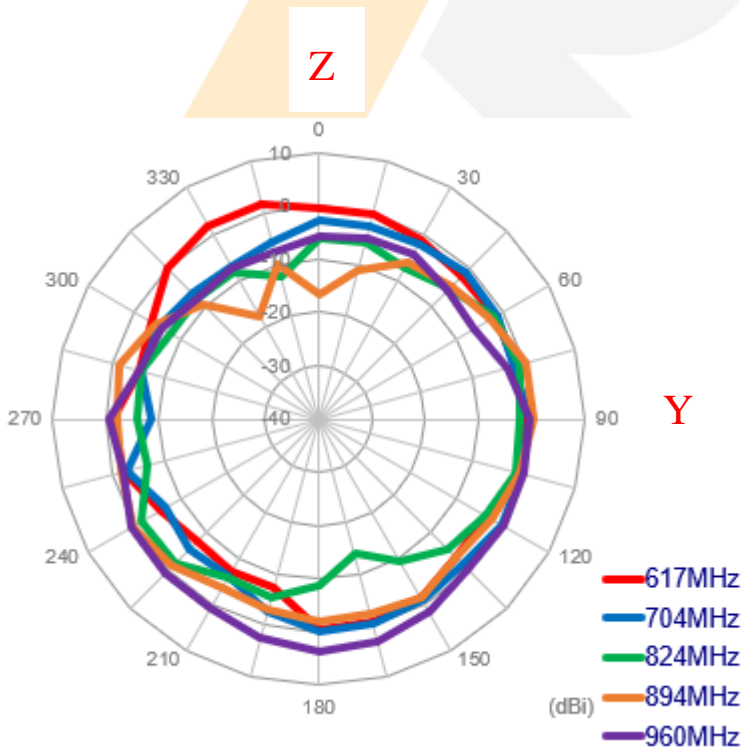
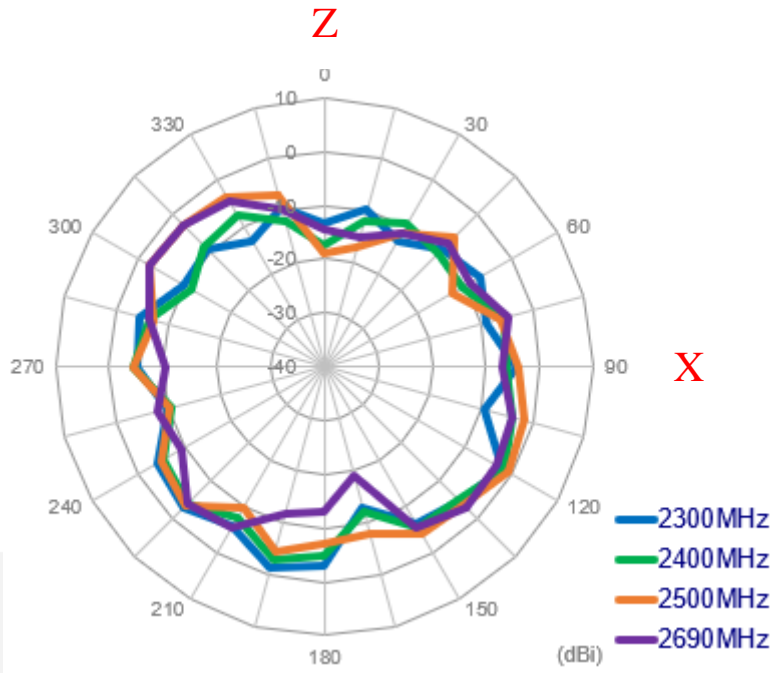


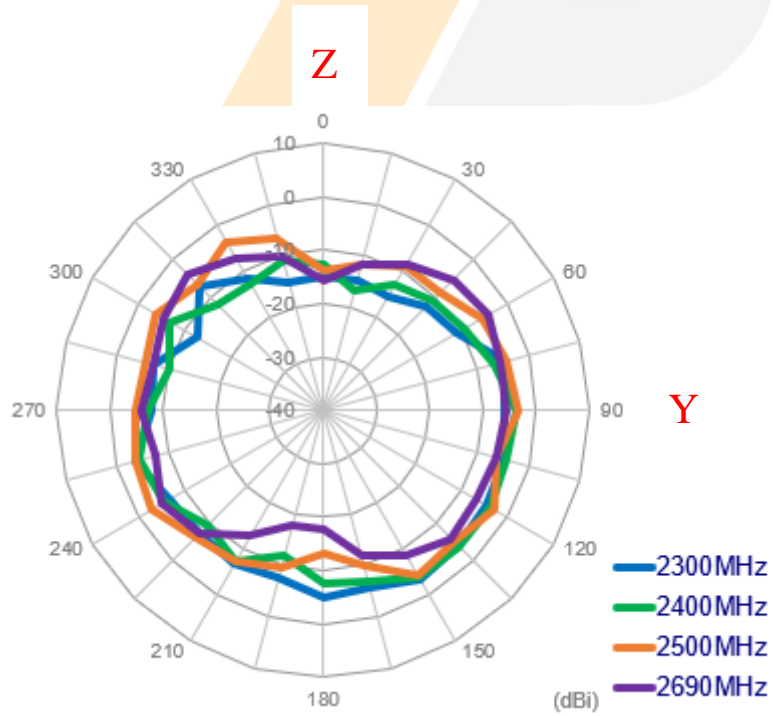
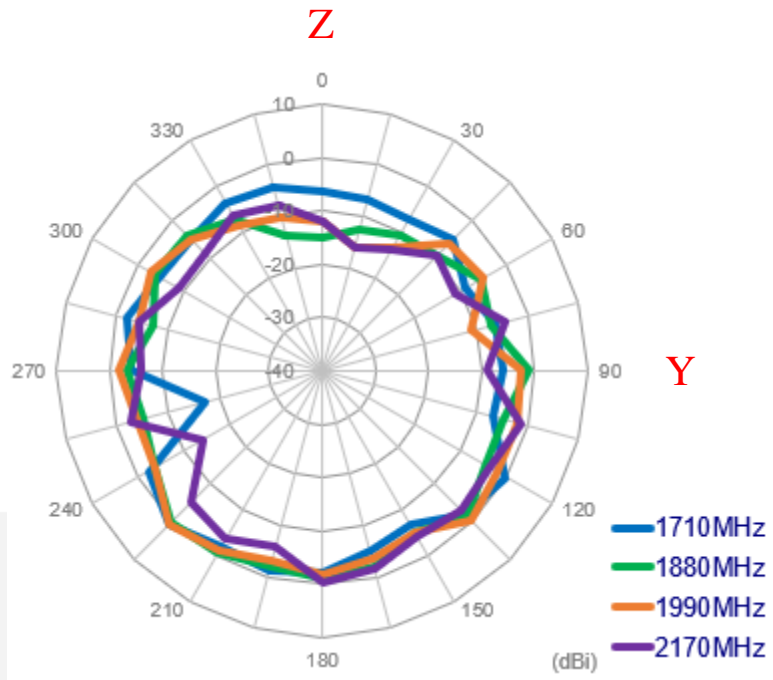
2D Radiation Pattern





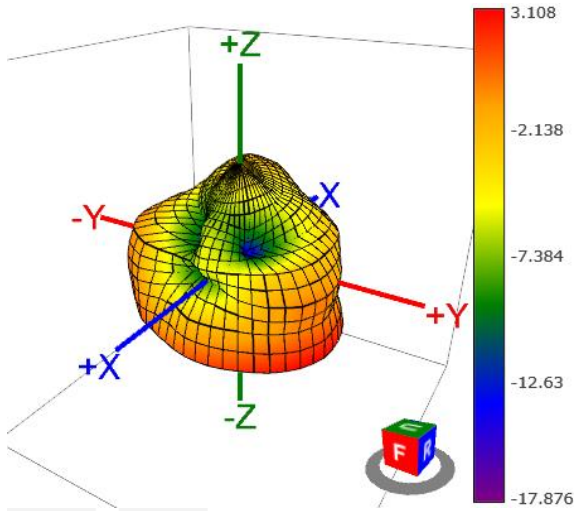




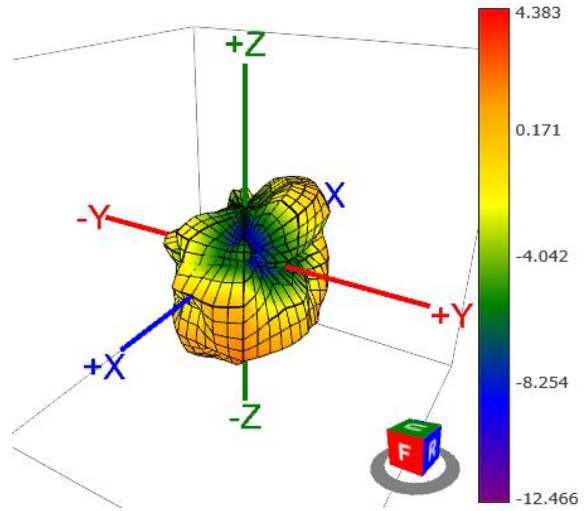




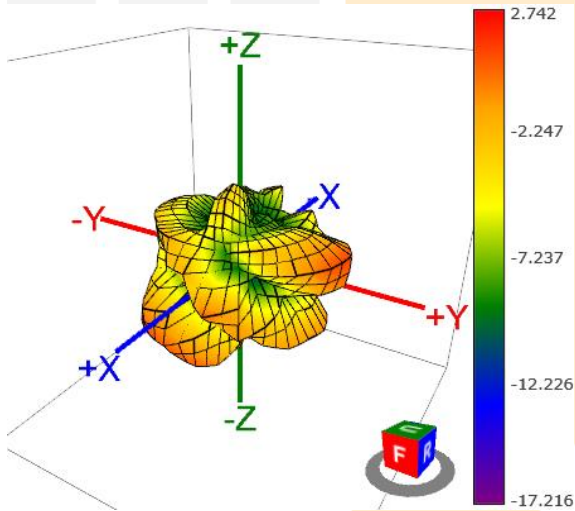
3D Radiation Pattern



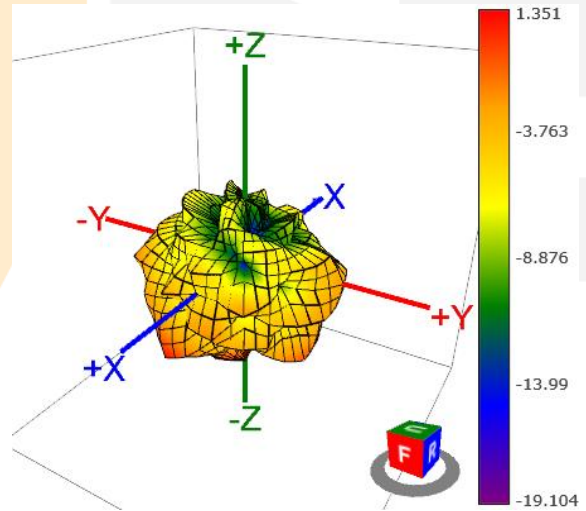
704MHz



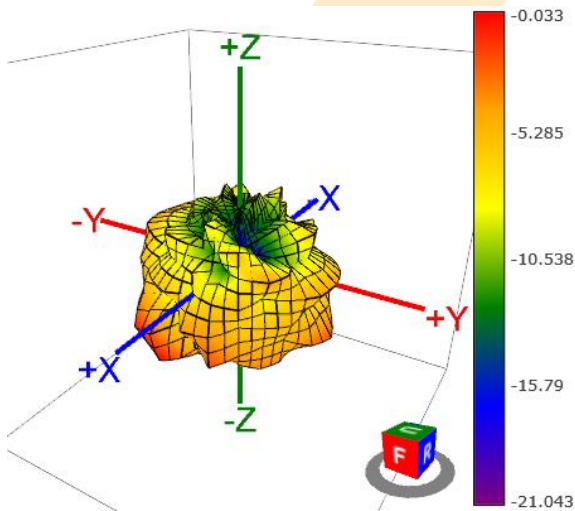
960MHz



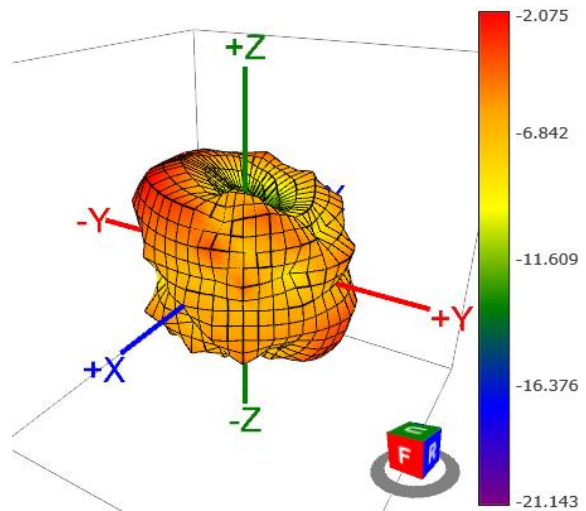
1710MHz



2170MHz



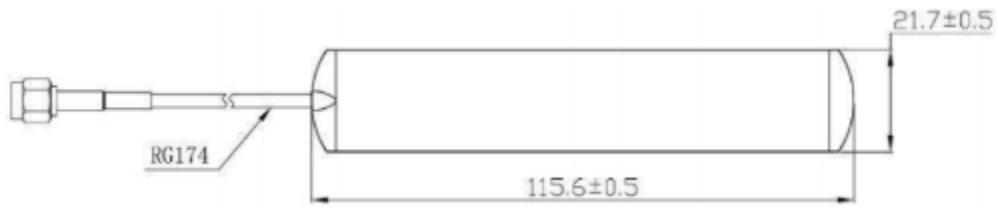
2300MHz



2690MHz



IV. Antenna Drawing



Unit: mm

