

2JZ70

CELLULAR / LTE MIMO Flexible Polymer

Key Features

Cable 1 and 2: CELLULAR / LTE

- 698-960 MHz
- 1710-2170 MHz
- 2500-2700 MHz

Self-Adhesive

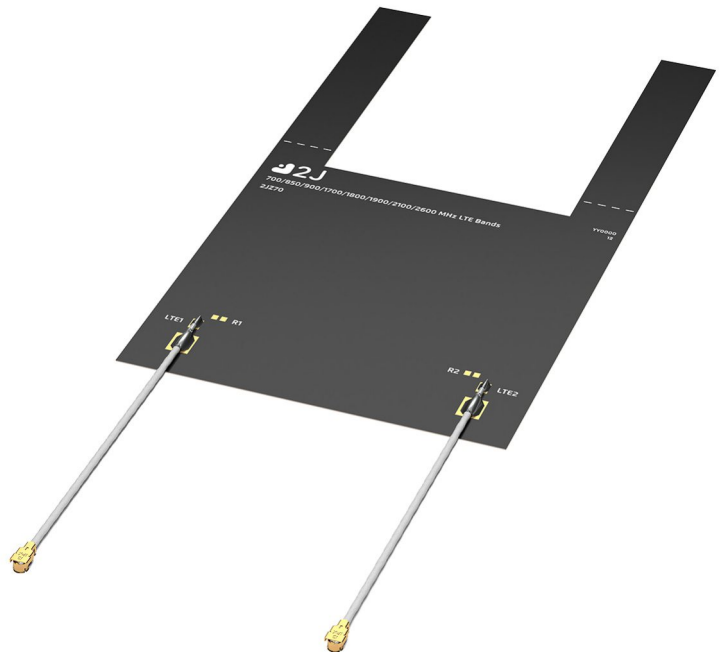
High Performance

Flexible Material

Ground Plane Independent

Dimensions 139 × 76 × 0.125 mm

Customizable Cable and Connector



1. Antenna and electrical specifications

Cable 1 and 2

Parameters	CELLULAR / LTE Antenna		
Standards	2G,3G and 4G		
Band (MHz)	700/850/900	1700/1800/1900/2100	2600
Frequency (MHz)	698-960	1710-2170	2500-2700
Return Loss (dB)	~-4.2	~-8.6	~-10.3
VSWR	~5.3:1	~2.2:1	~1.9:1
Efficiency (%)	~36.2	~61.9	~51.0
Peak Gain (dBi)	~0.4	~2.3	~3.3
Average Gain (dB)	~-4.5	~-2.1	~-2.9
Impedance (Ohm)	50		
Polarisation	Linear		
Radiation Pattern	Omni-Directional		
Max. Input Power (W)	25		

Antenna Measurement Conditions:

Mounted on 30 x 30 cm ABS Plate with 2.5 mm Thickness

85 mm 1.37 mm Mini-Coax Cable

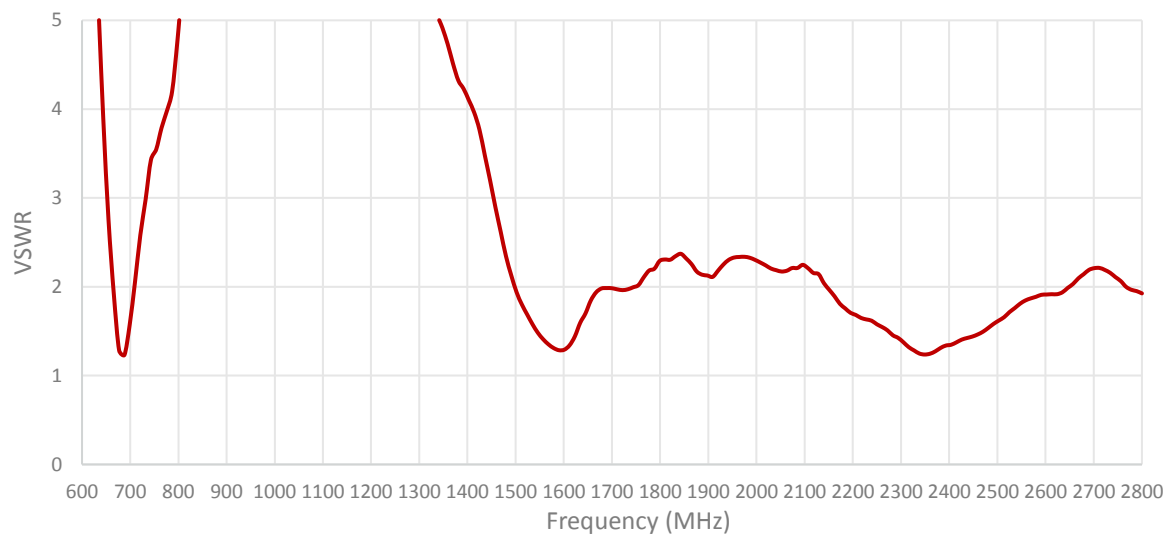
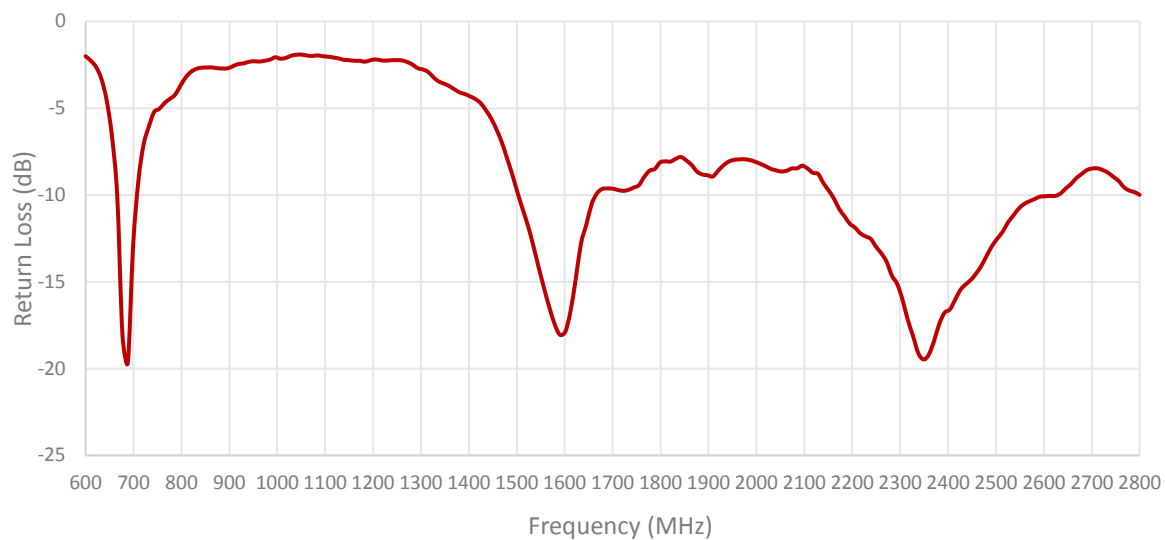
Measured in Certified CTIA 3D Anechoic Chamber

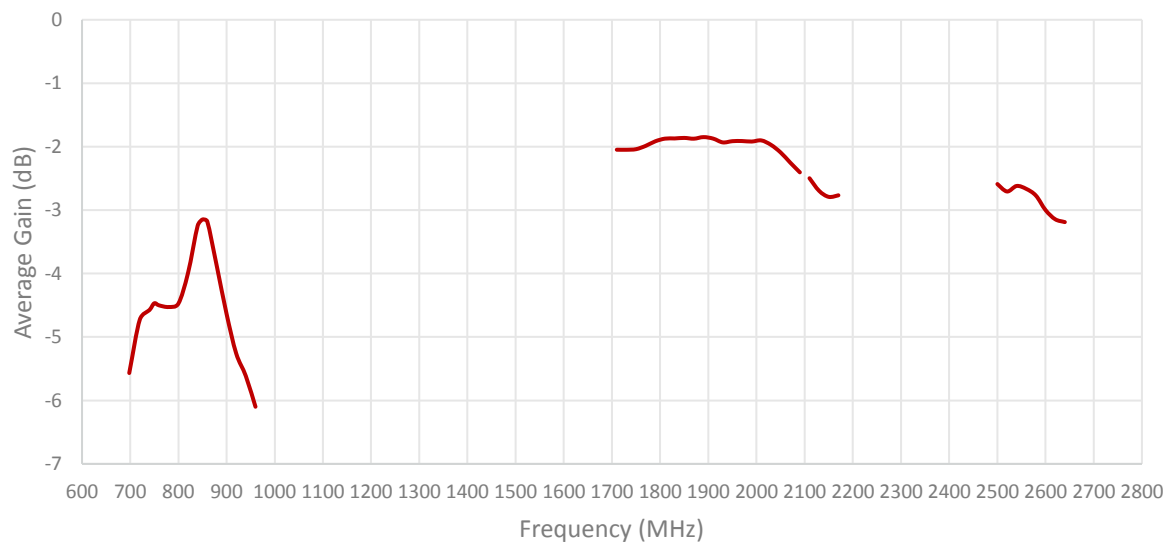
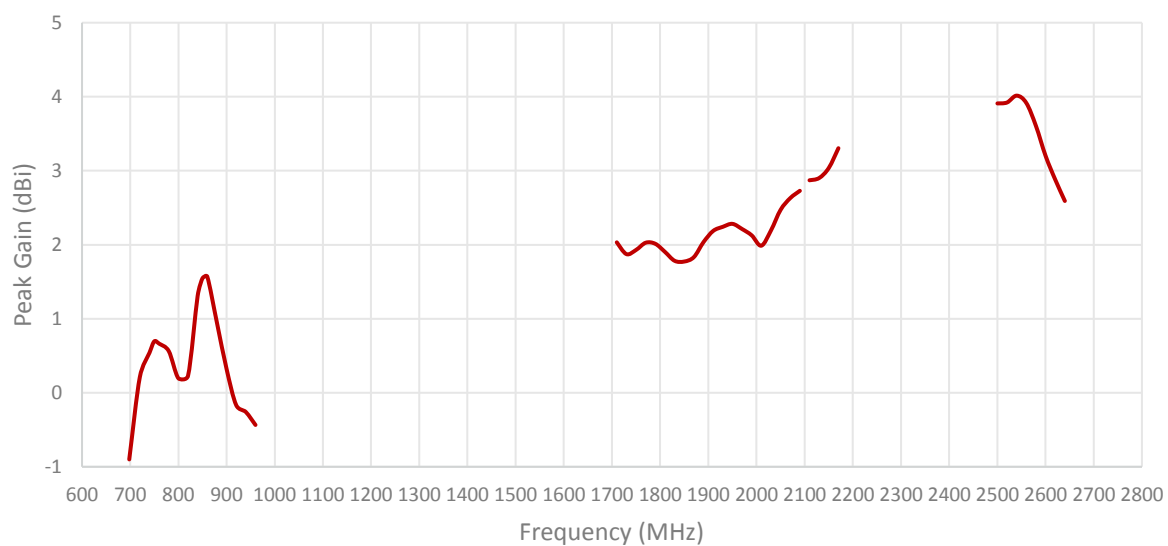
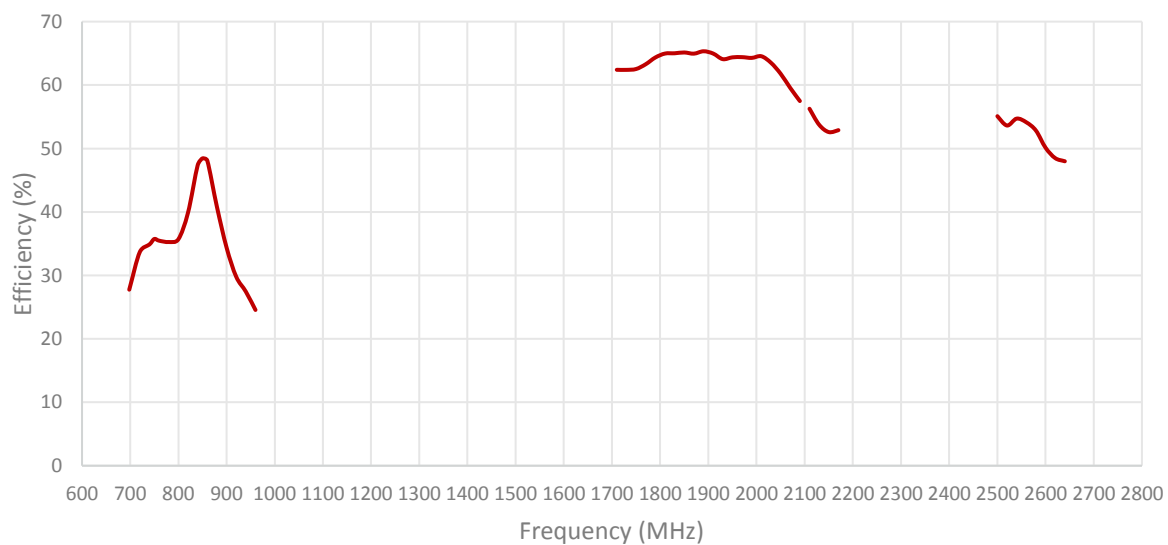
2. Mechanical and environmental specifications

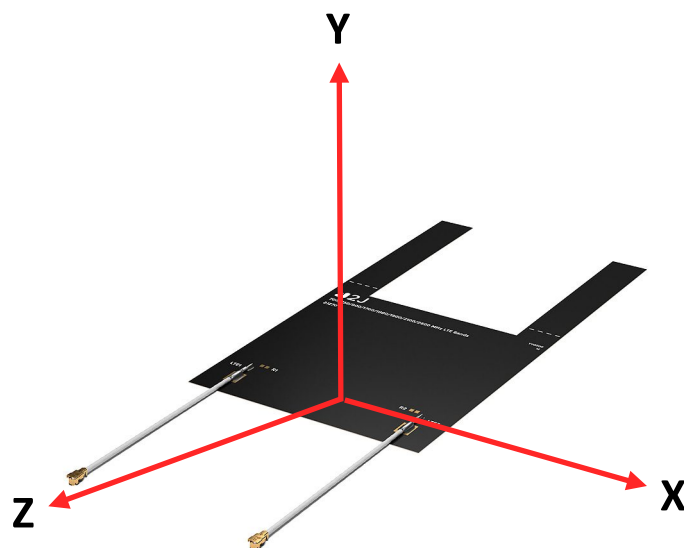
Specifications	2JZ70
Mounting Type	Adhesive Mount
Dimensions (mm)	139 × 76 × 0.125
Adhesive Type	3M 467
Material	Flexible Polymer
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

3. Antenna parameters

Cable 1 and 2: CELLULAR/LTE

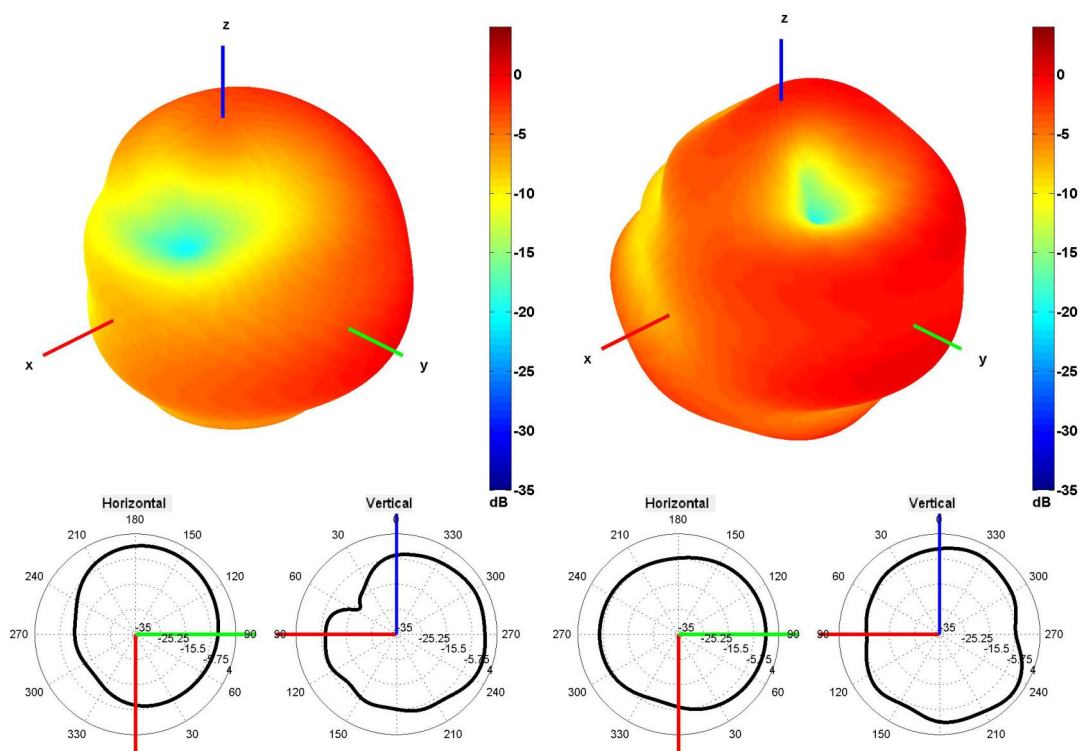




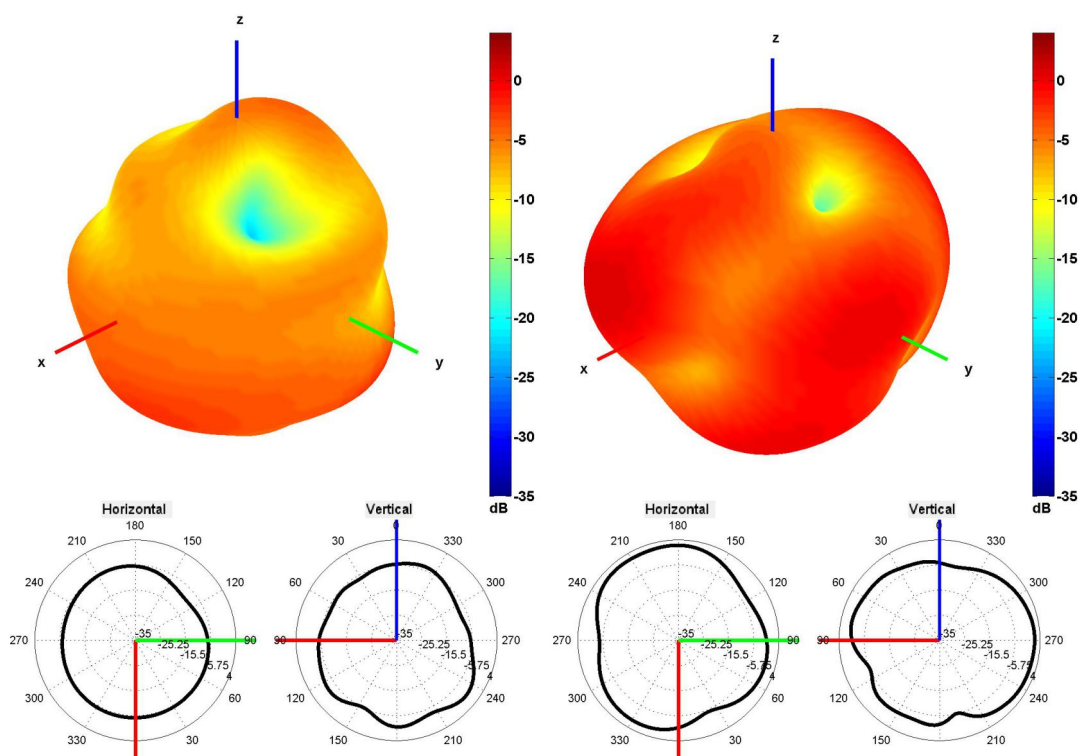


Radiation pattern reference

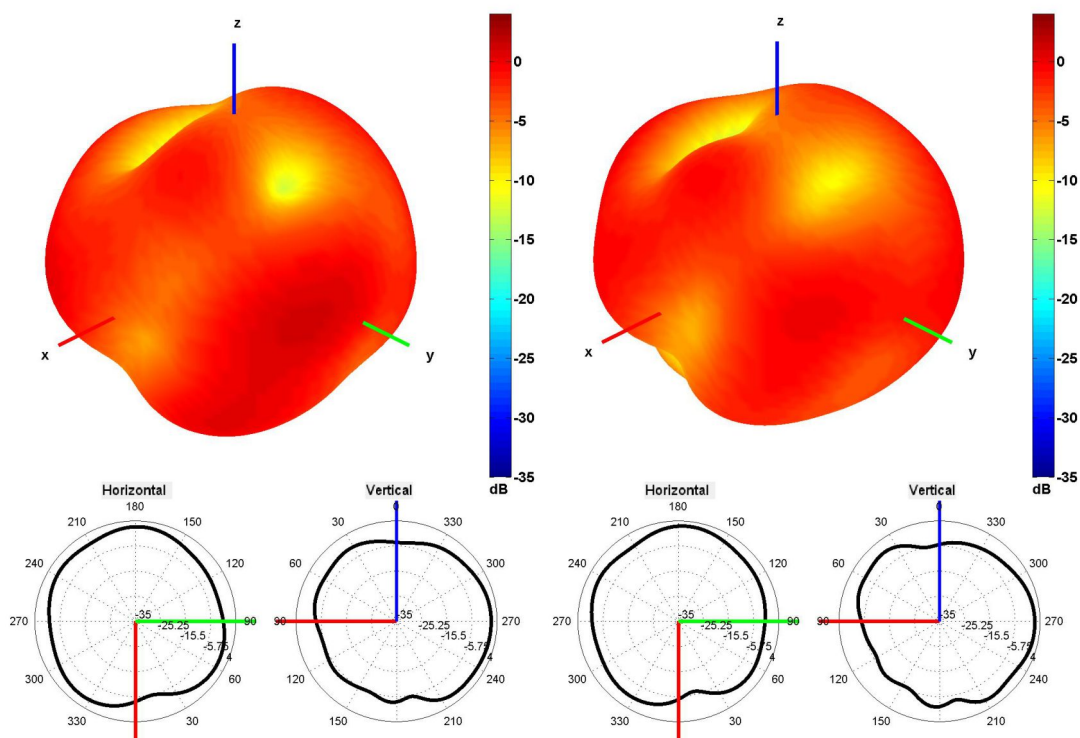
Cable 1 and 2: CELLULAR/LTE



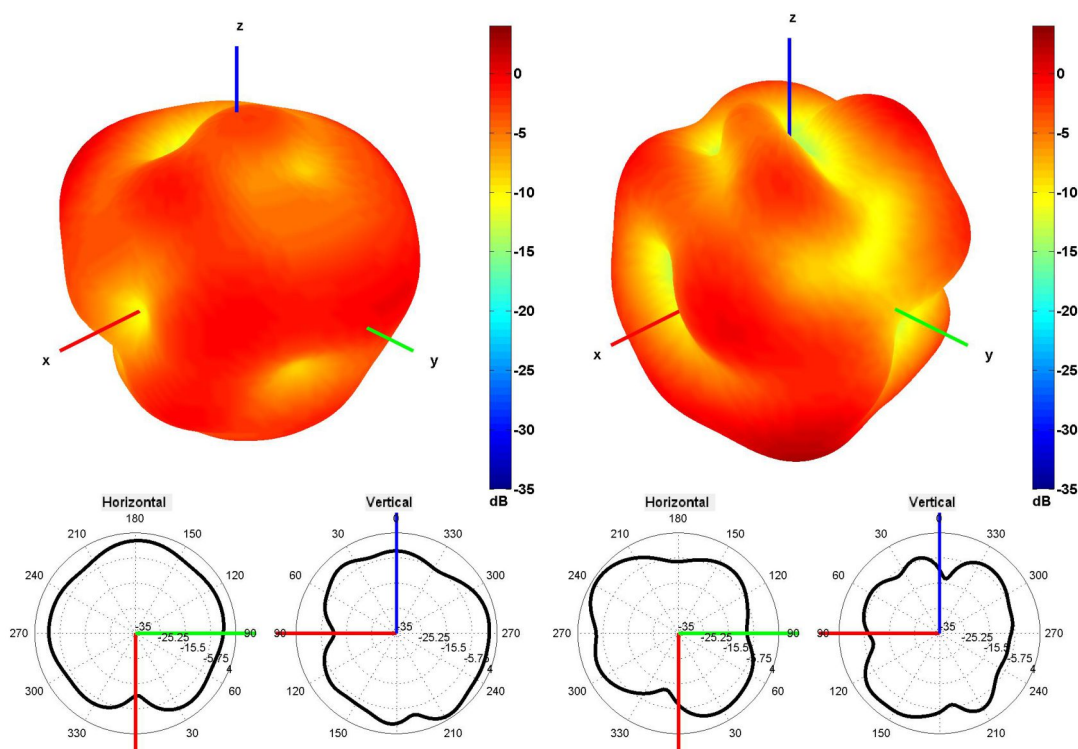
750 and 850 MHz Radiation pattern



940 and 1750 MHz Radiation pattern

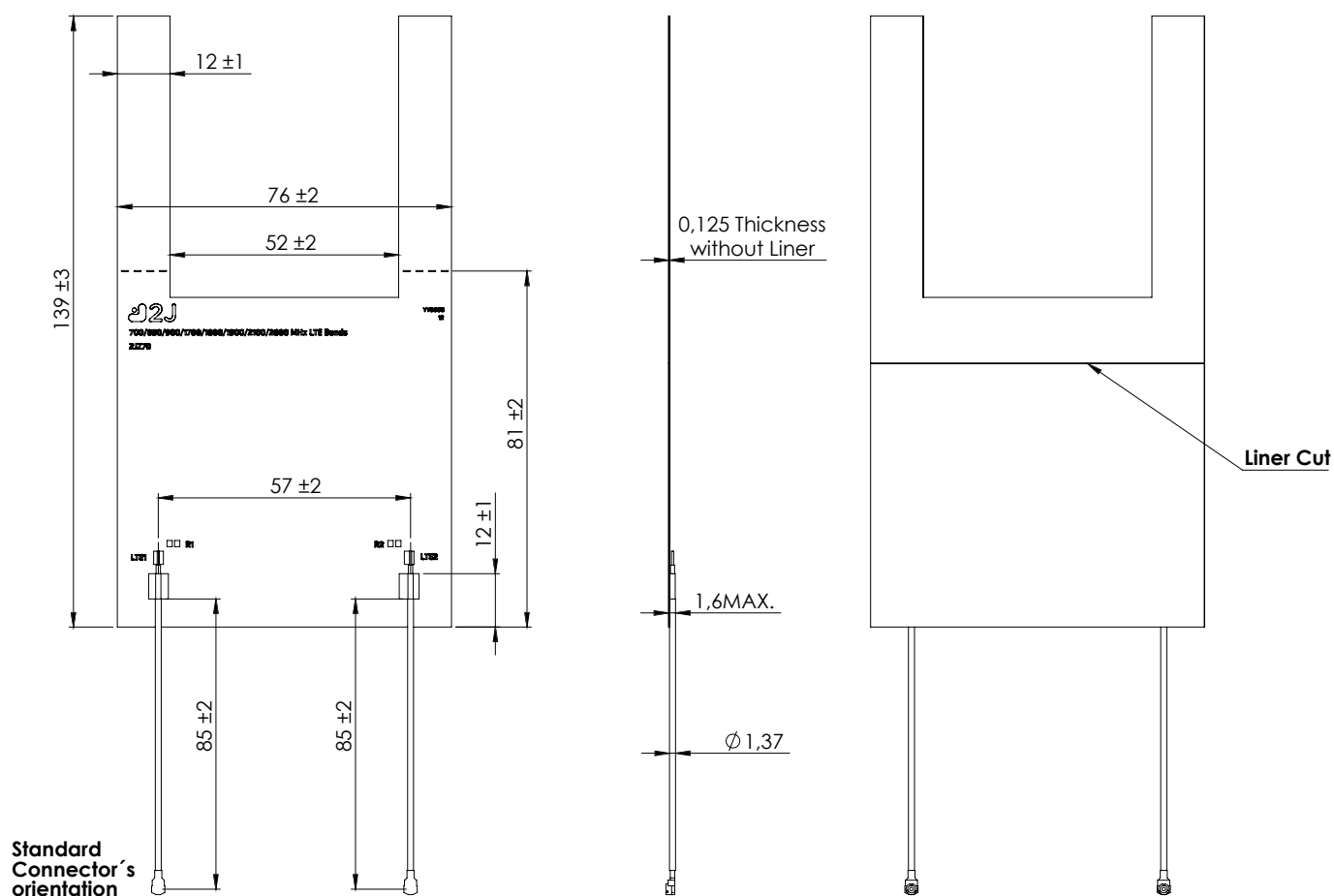


1850 and 1950 MHz Radiation pattern



2090 and 2600 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

