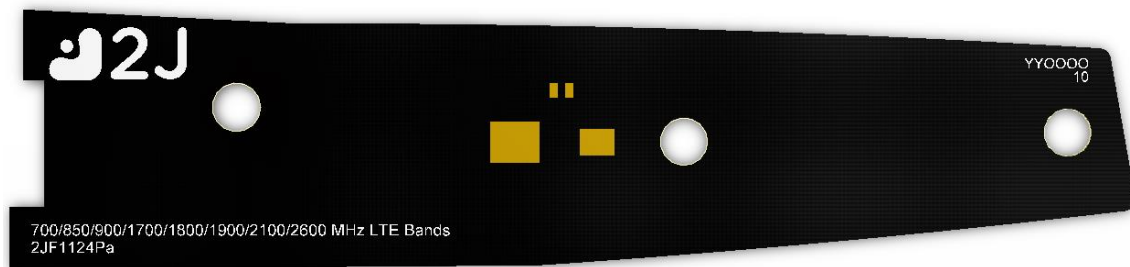


2JF1124Pa-015MC137-UFL_L1US

Cellular/LTE Flexible Polymer



FEATURES

- Self-Adhesive
- High Performance
- Flexible Material
- Ground Plane Independent
- Cellular/LTE (698-960, 1710-2170 and 2500-2700 MHz)
- 140.7 x 32.4 x 0.15 mm
- Customizable Cable and Connector

ANTENNA AND ELECTRICAL SPECIFICATIONS

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)	~-9.7	~-14.4	~-12.0
VSWR	~2.1:1	~1.6:1	~1.9:1
Efficiency (%)	~46.1	~51.7	~43.2
Peak Gain (dBi)	~0.9	~1.5	~1.9
Average Gain (dB)	~-3.4	~-2.9	~-3.7
Impedance (Ohm)	50		
Polarization	Linear		
Radiation Pattern	Omni-Directional		
Max Input Power (W)	25		
Connector Type	U.FL Standard (Other Connectors Available)		
Cable Length	150mm Standard (Any Cable Length Available)		
Cable Type	1.37mm Mini-Coax Standard (Other Cables Available)		

Antenna Measurement Conditions

Mounted on 30 x 30 x 0.25 cm ABS Plate

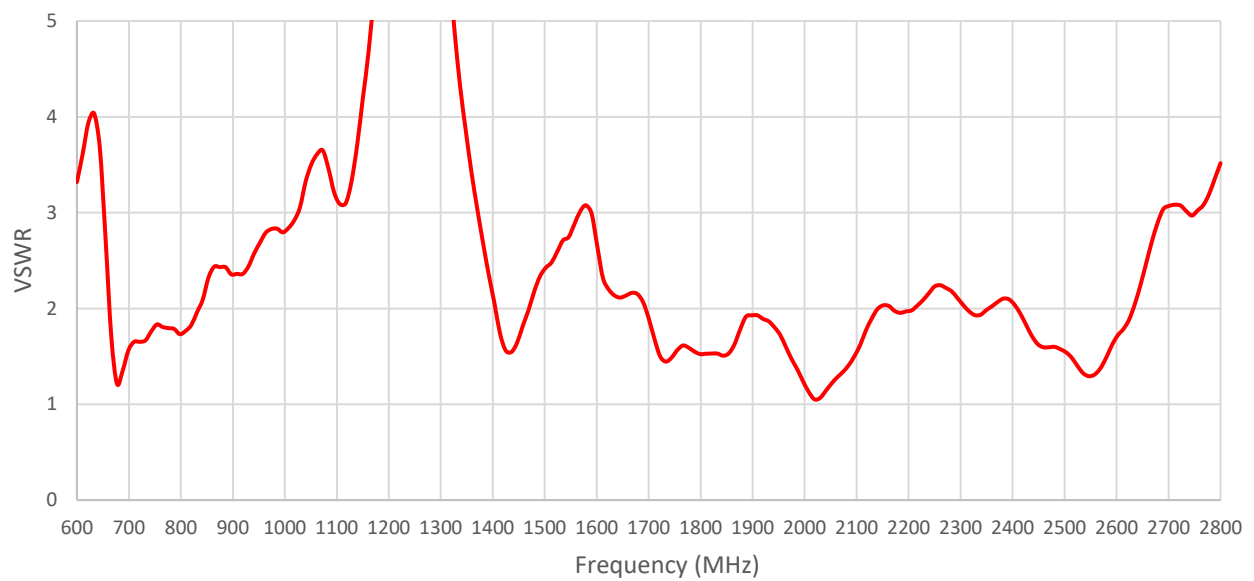
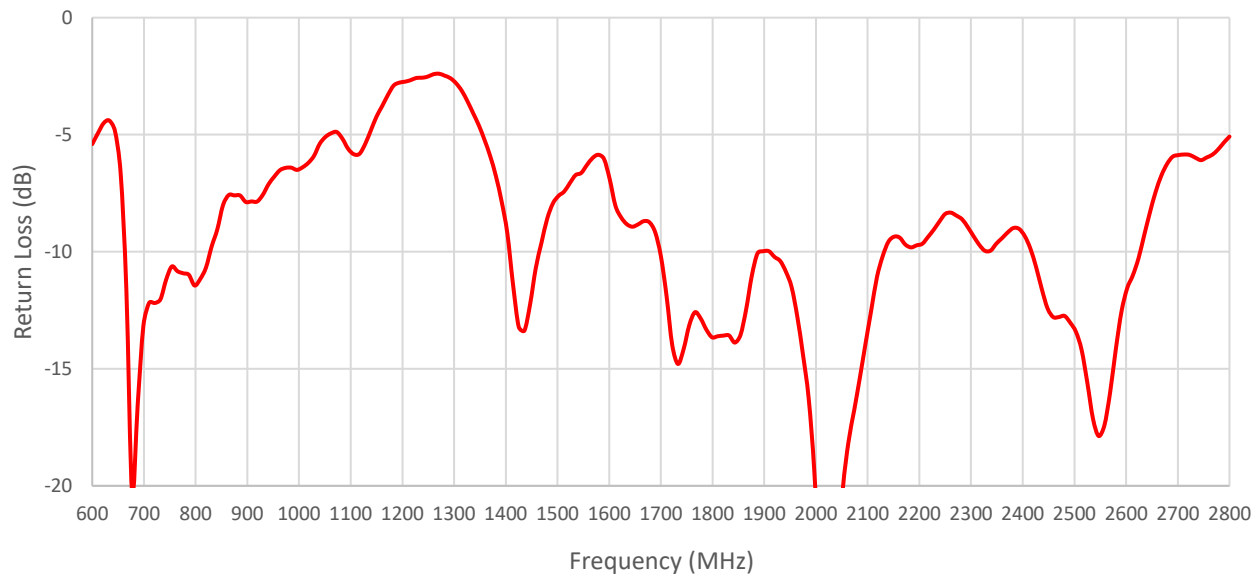
150 mm of 1.37 mm Cable

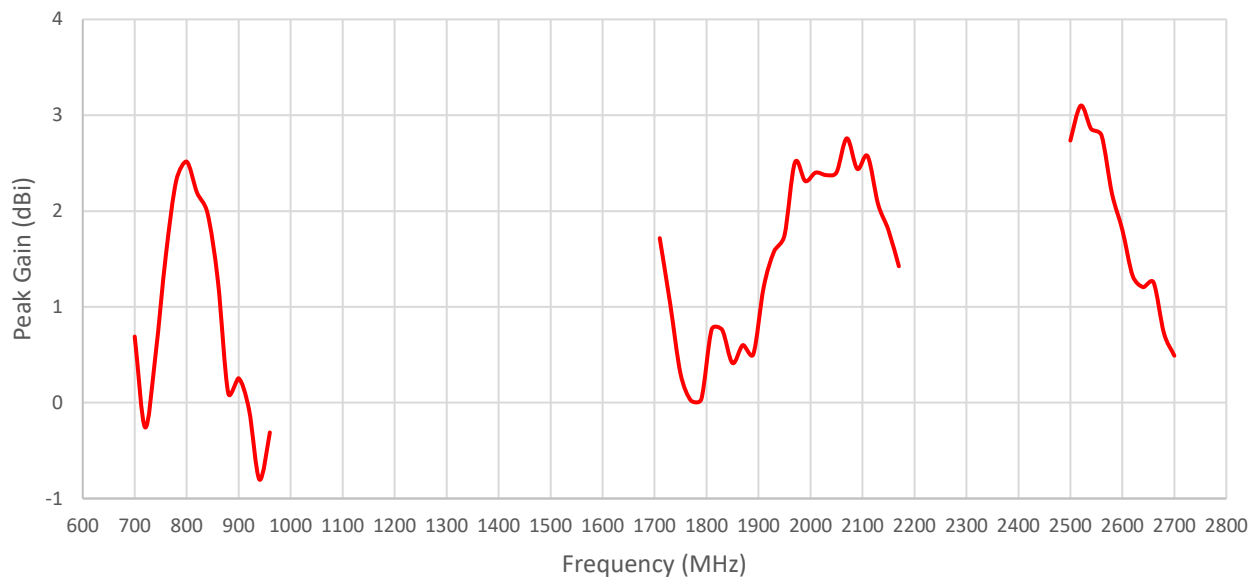
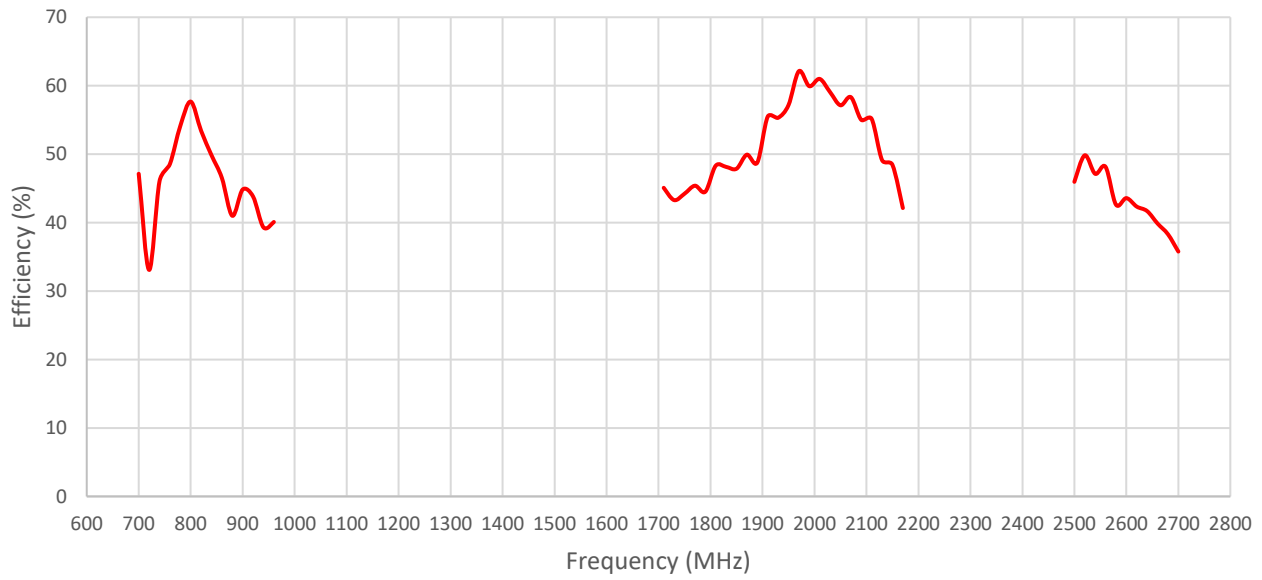
Measured in Certified CTIA 3D Anechoic Chamber

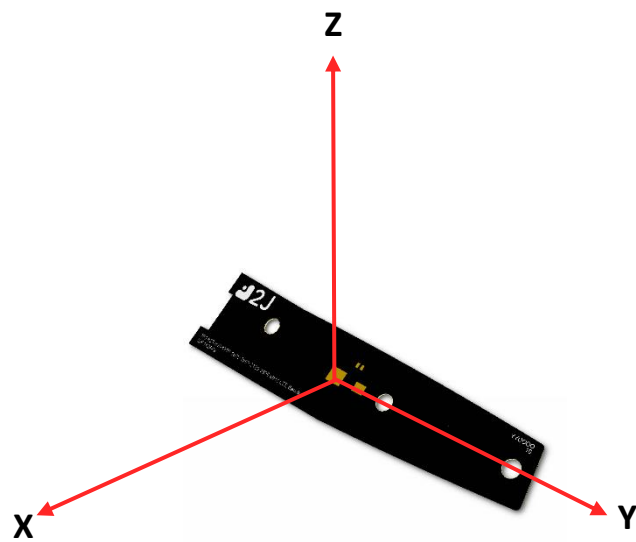
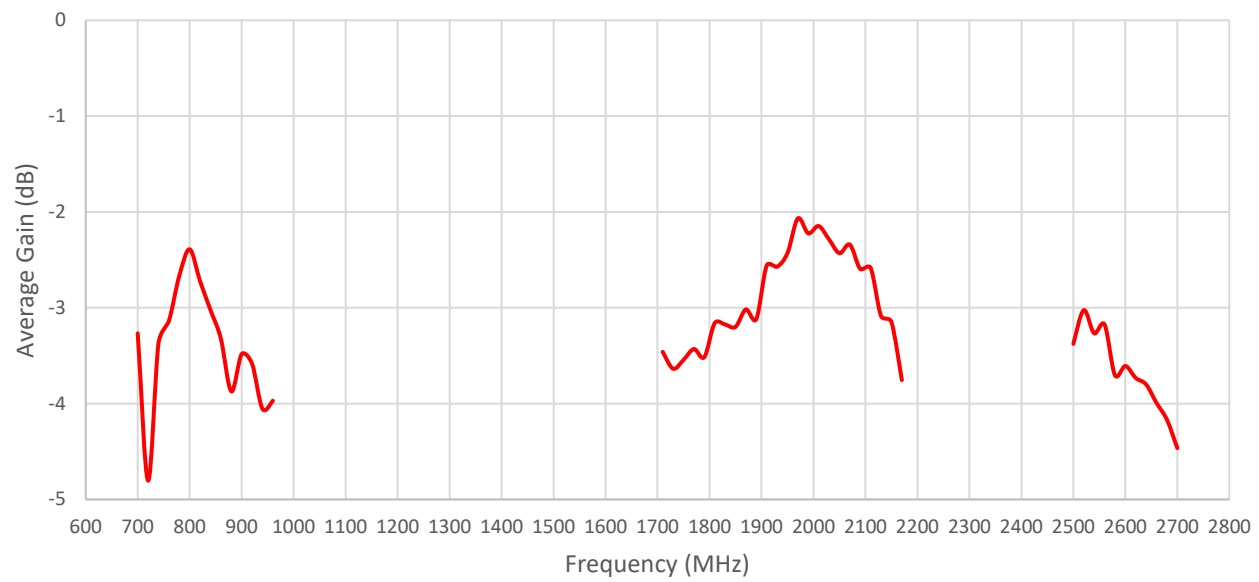
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Specifications	2JF1124Pa-015MC137-UFL_L1US
Mounting Type	Self-Adhesive
Dimensions (mm)	136.8 x 32.6 x 0.15
Adhesive Type	3M 467MP
Material	Flexible Polymer
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

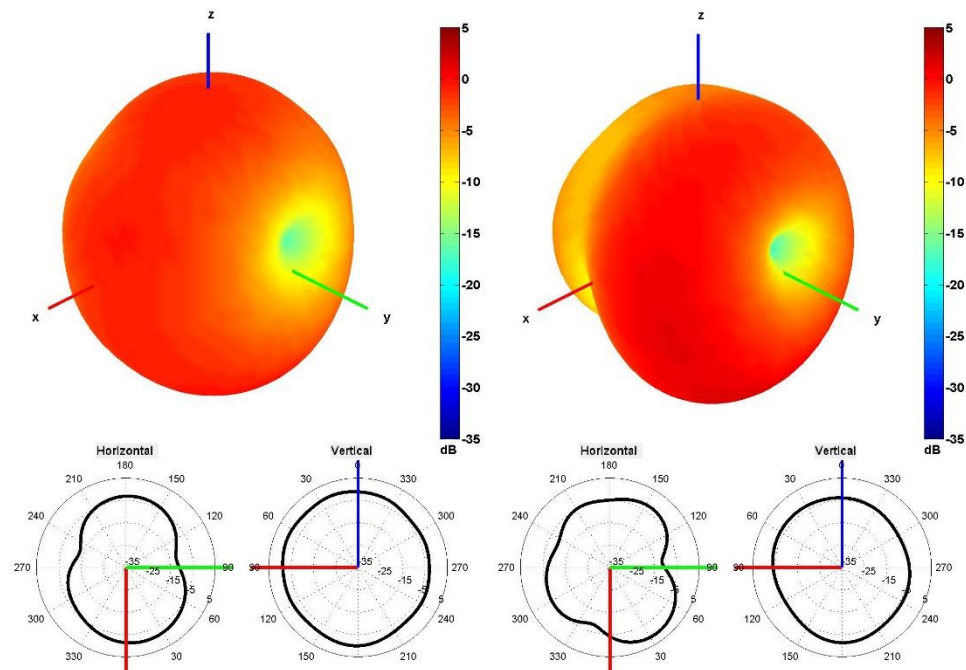
ANTENNA PARAMETER



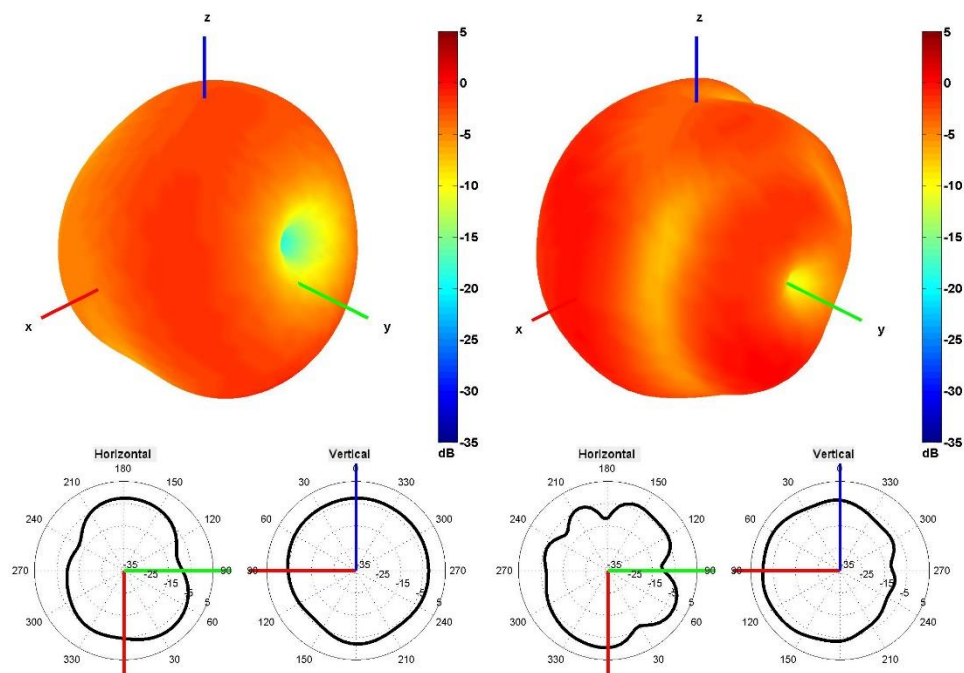




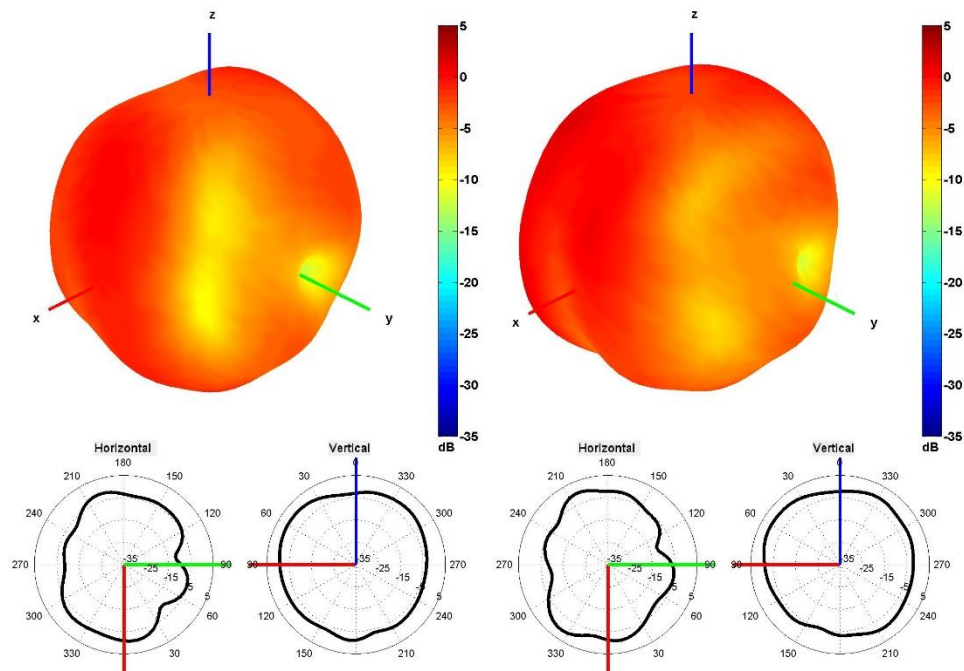
RADIATION PATTERN REFERENCE



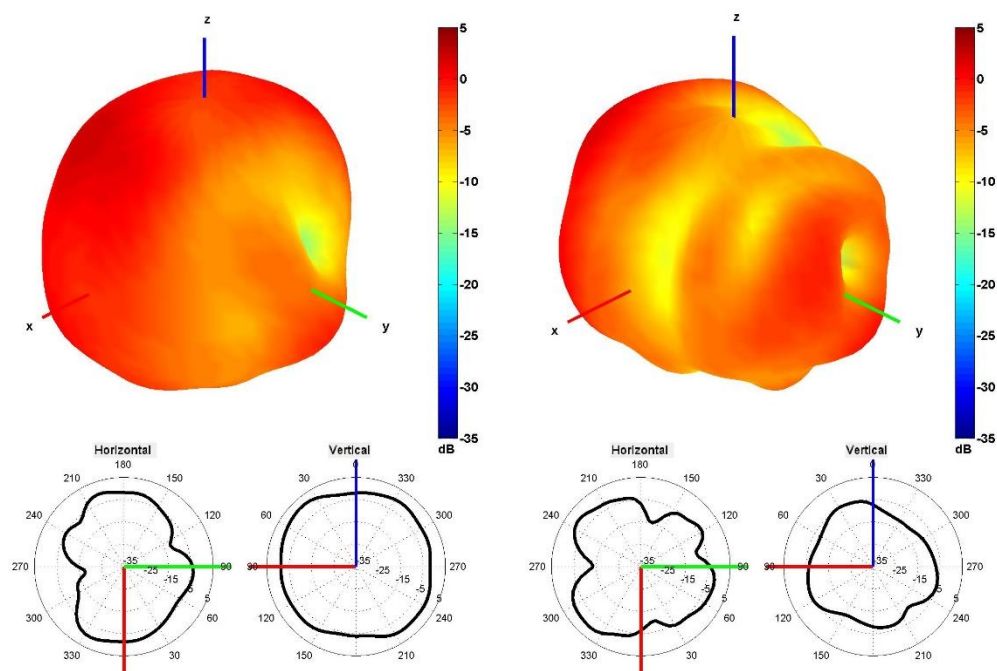
750 AND 850 MHz RADIATION PATTERN



940 AND 1750 MHz RADIATION PATTERN



1850 AND 1950 MHz RADIATION PATTERN



2100 AND 2600 MHz RADIATION PATTERN

ANTENNA DRAWING

