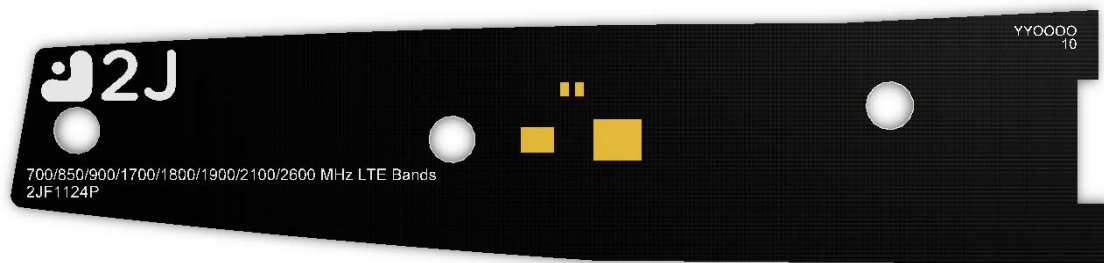


2JF1124P-015MC137-UFL_L1US

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)	~-9.5	~-20.2	~-7.4
VSWR	~2.2:1	~1.2:1	~2.7:1
Efficiency (%)	~55.4	~59.1	~45.6
Peak Gain (dBi)	~0.4	~2.3	~2.0
Average Gain (dB)	~-2.6	~-2.3	~-3.4
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

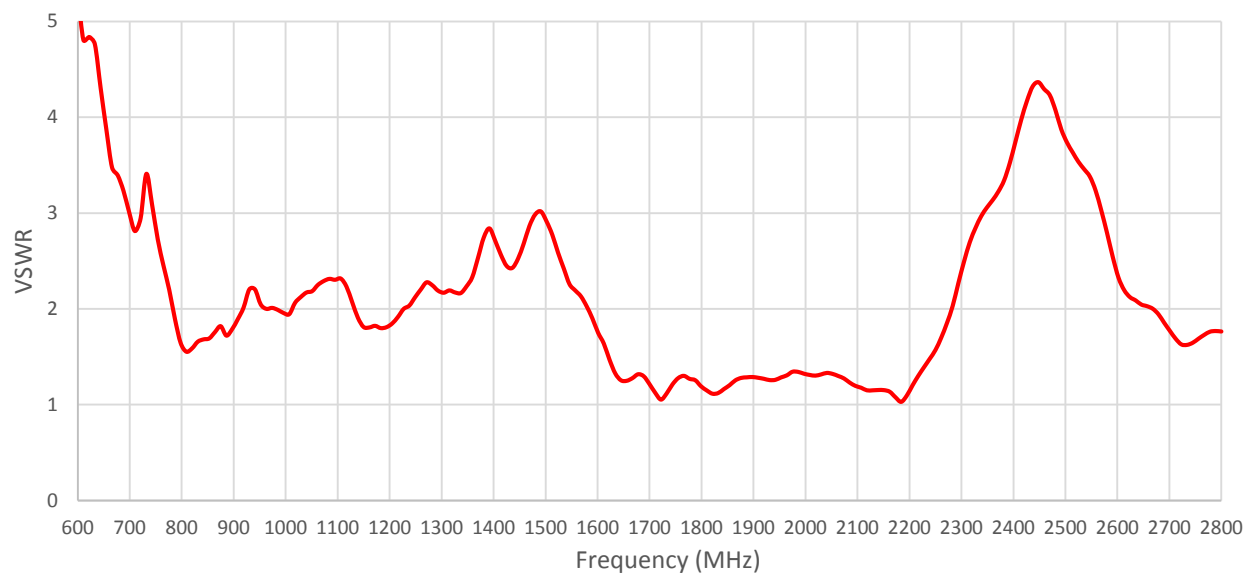
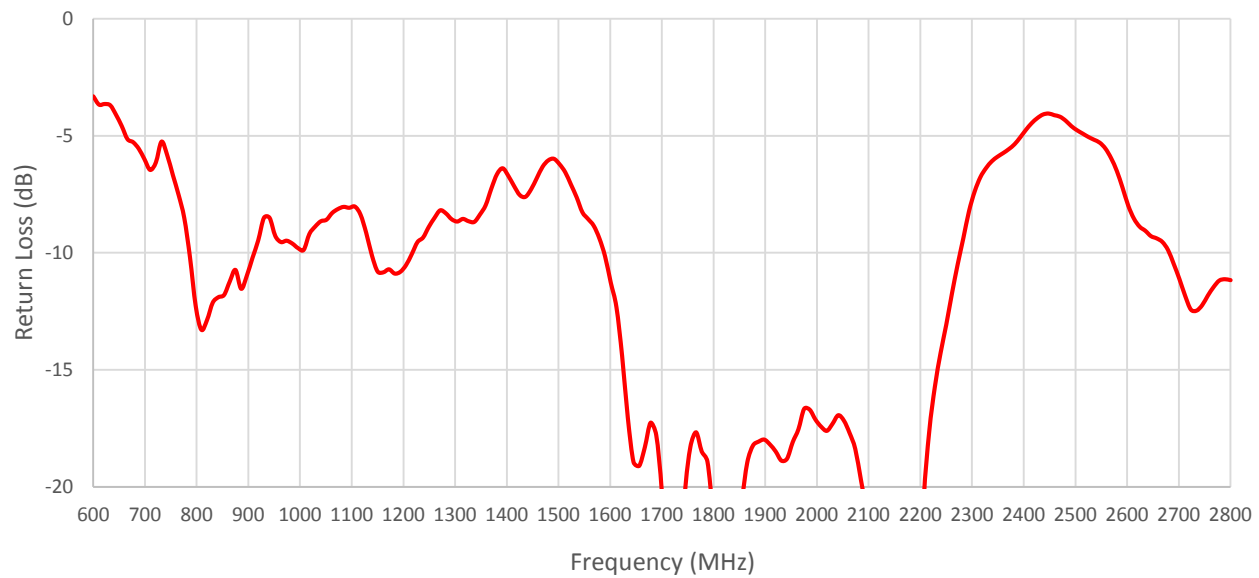
150 mm of 1.37 mm Cable

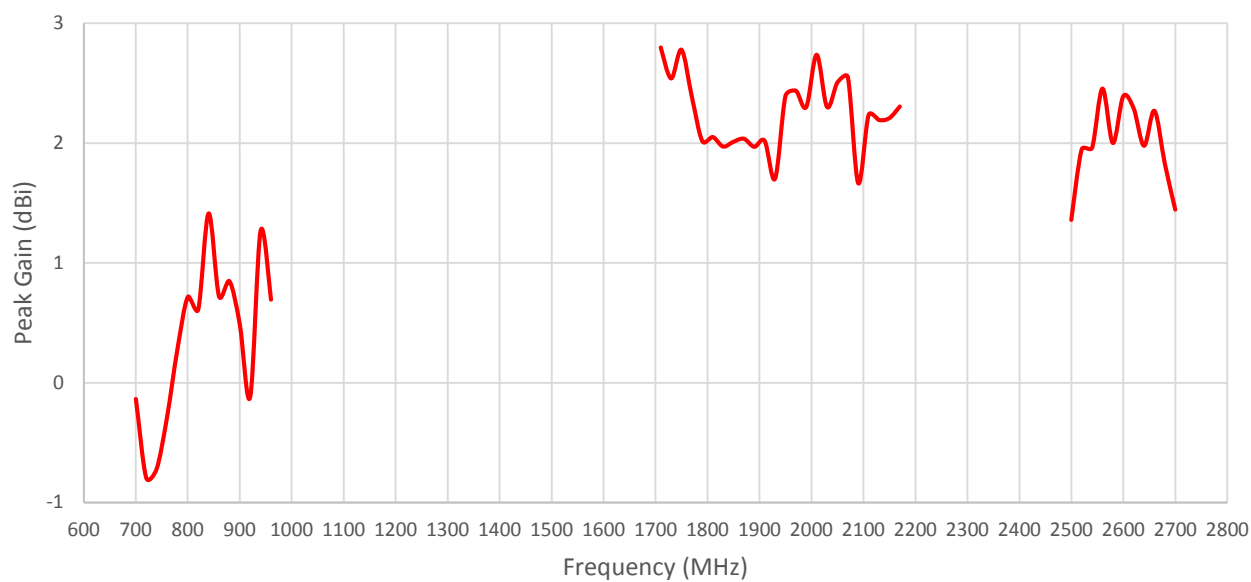
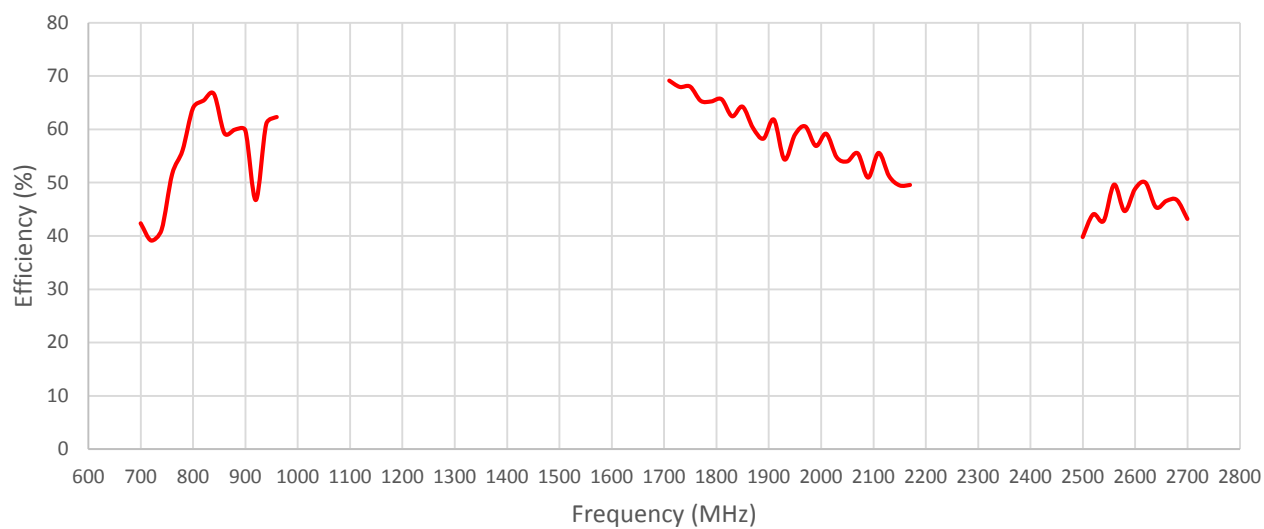
Measured in Certified CTIA 3D Anechoic Chamber

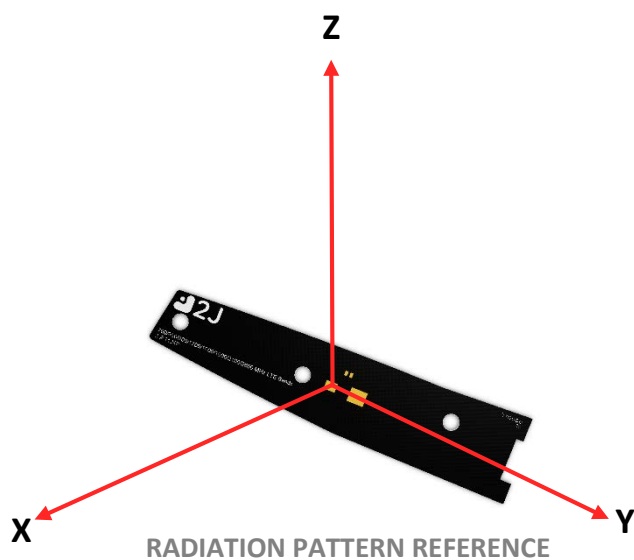
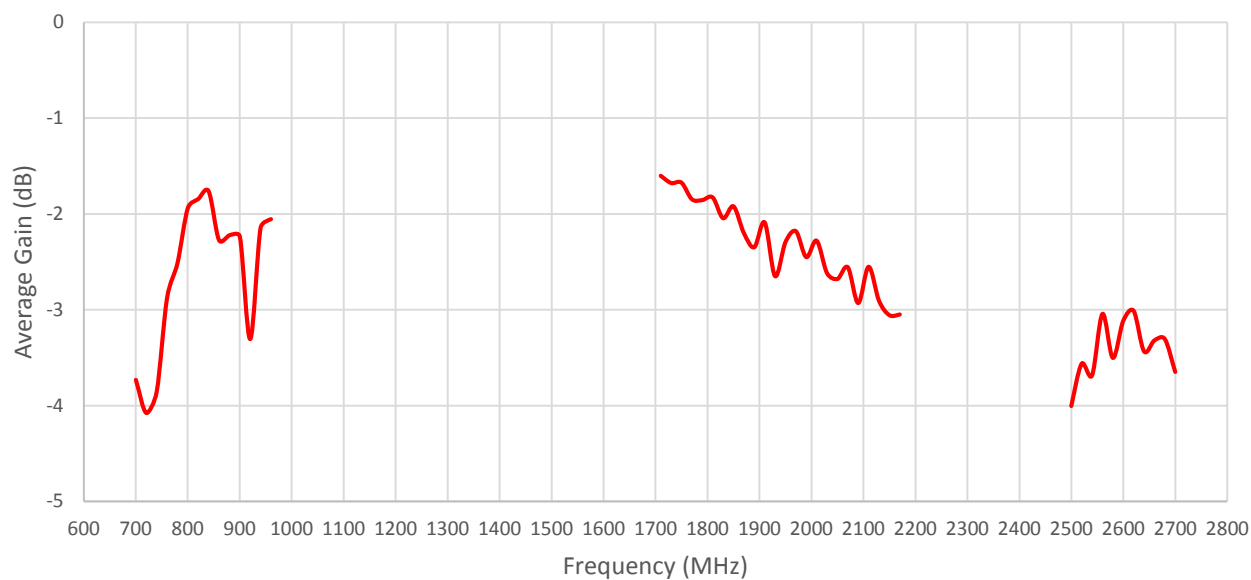
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

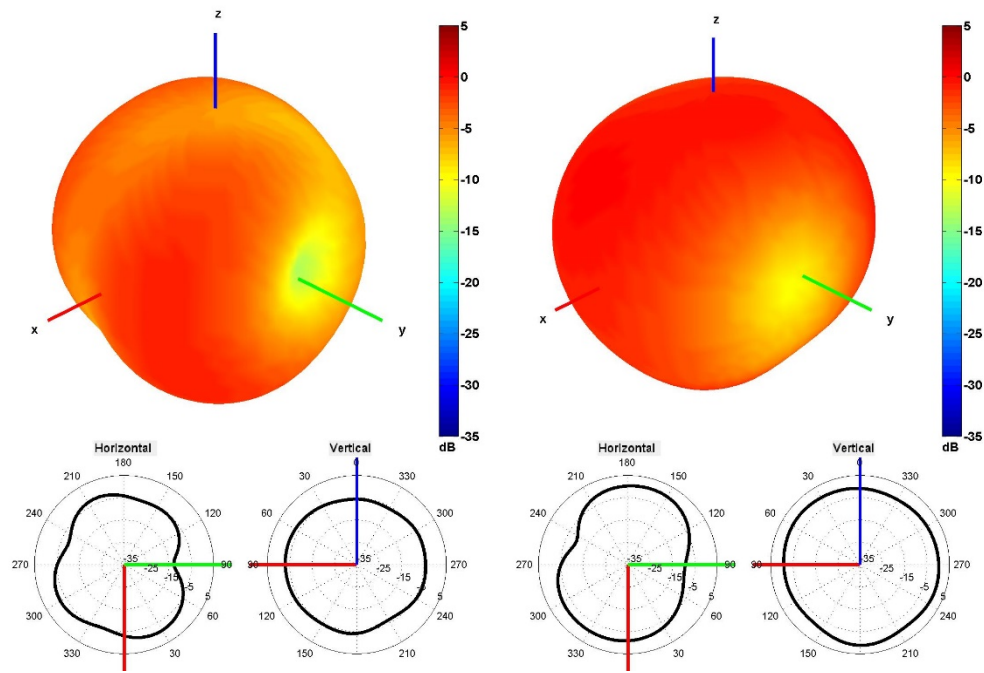
Specifications	2JF1124P-015MC137-UFL_L1US
Mounting Type	Self-Adhesive
Dimensions (mm)	136.8 x 32.6 x 0.15
Adhesive Type	3M 467MP
Material	Flexible Polymer
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

ANTENNA PARAMETERS

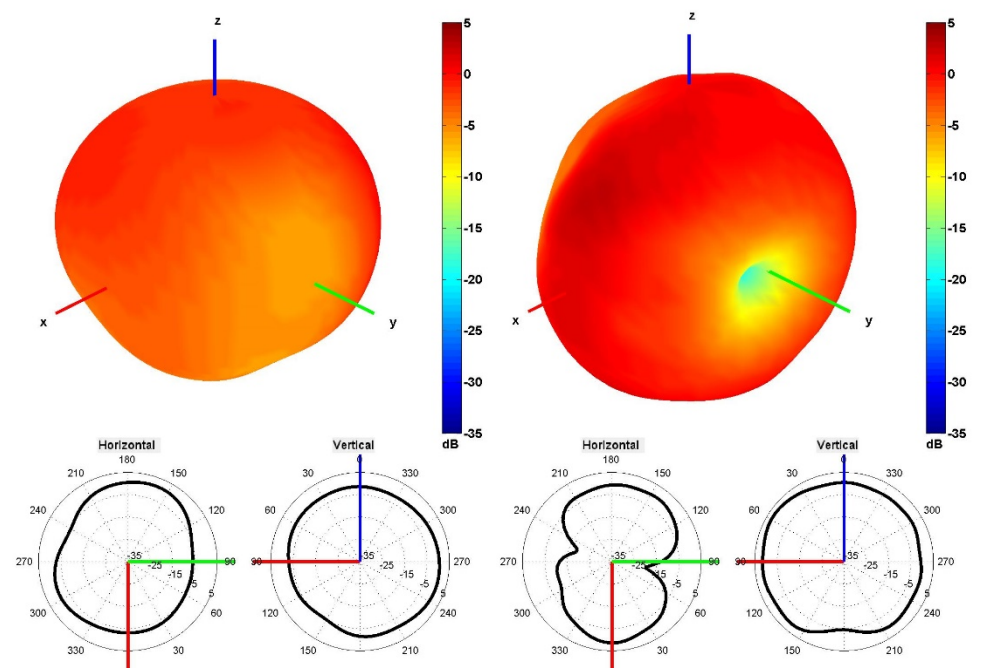




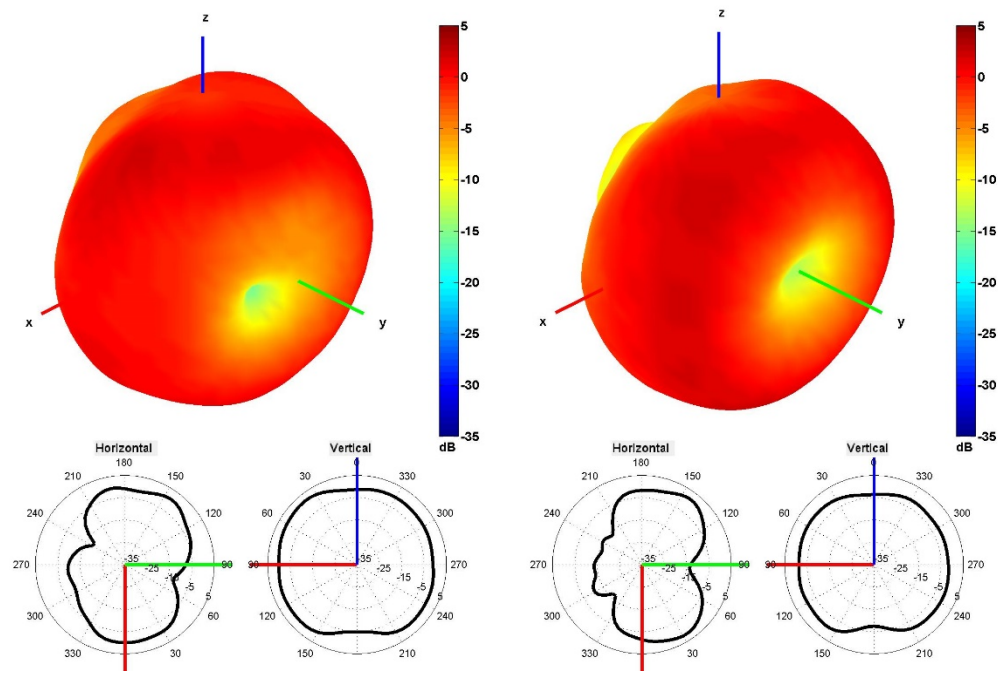




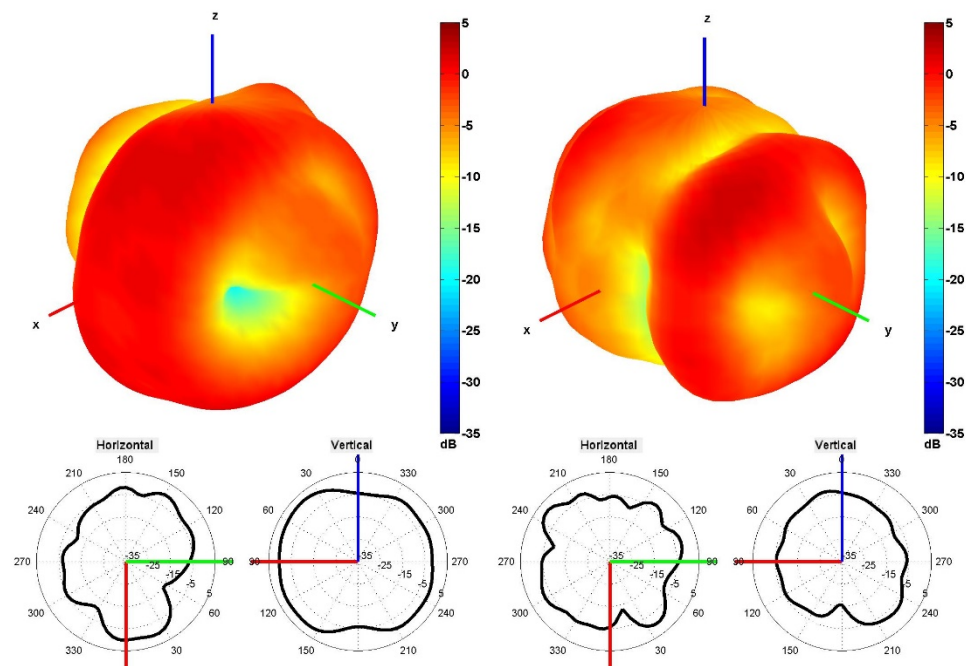
750 AND 850 MHz RADIATION PATTERN



940 AND 1750 MHz RADIATION PATTERN



1850 AND 1950 MHz RADIATION PATTERN



2100 AND 2600 MHz RADIATION PATTERN

