

2JF0524P

CELLULAR / LTE Flexible Polymer

Key Features

CELLULAR / LTE

- 698-960 MHz
- 1710-2170 MHz

Self-Adhesive

High Performance

Flexible Material

Ground Plane Independent

Dimensions 114.7 × 19 × 0.2 mm

Customizable Cable and Connector



1. Antenna and electrical specifications

Parameters	CELLULAR / LTE Antenna	
Standards	2G,3G and 4G	
Band (MHz)	700/850/900	1700/1800/1900/2100
Frequency (MHz)	698-960	1710-2170
Return Loss (dB)	~-12.5	~-14.7
VSWR	~1.7:1	~1.6:1
Efficiency (%)	~52	~56
Peak Gain (dBi)	~0.9	~2.7
Average Gain (dB)	~-2.7	~-2.4
Impedance (Ohm)	50	
Polarisation	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

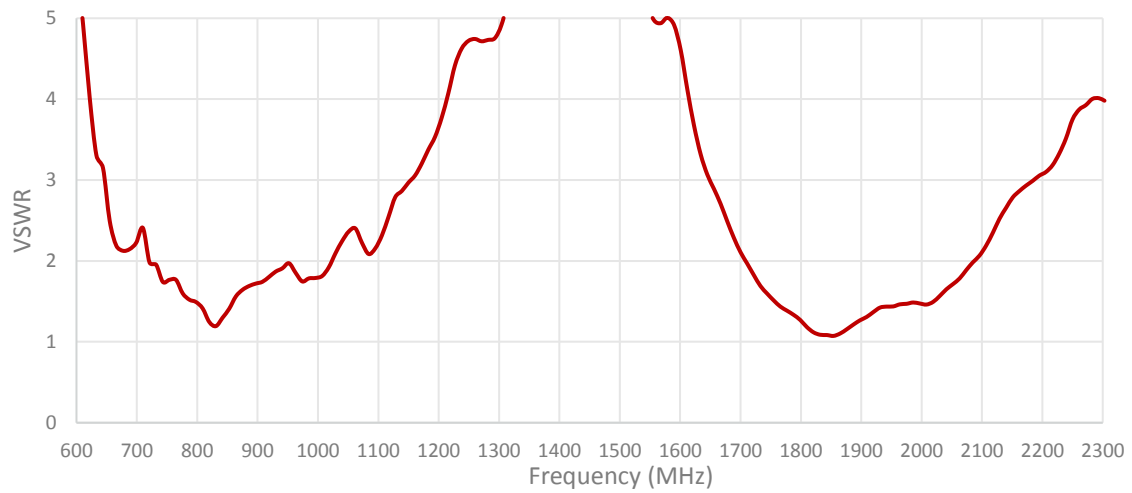
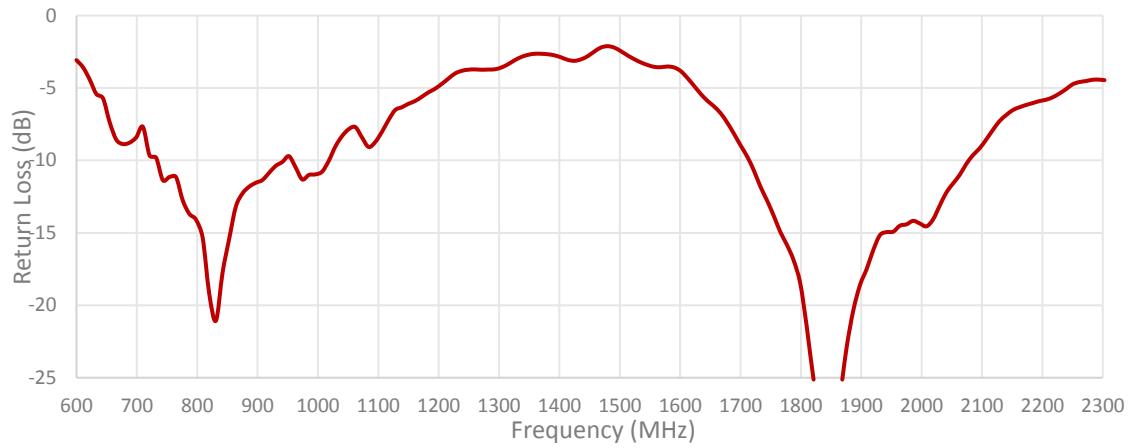
150 mm of 1.37 mm Mini-Coax Cable

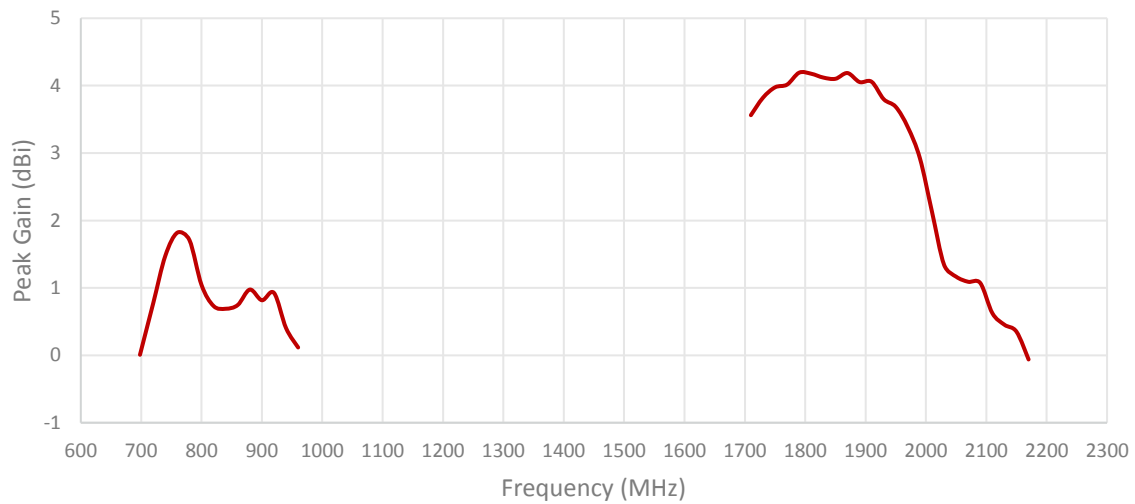
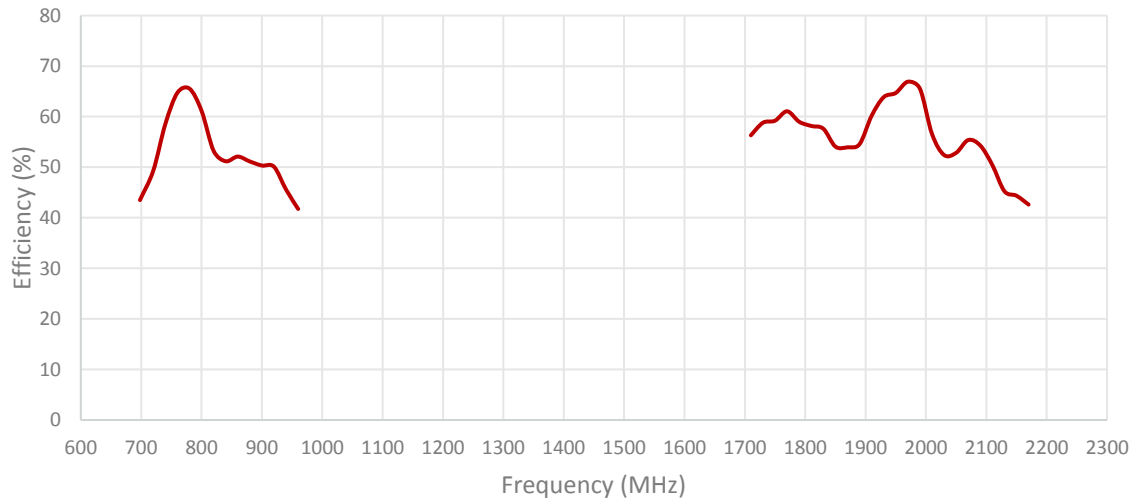
Measured in Certified CTIA 3D Anechoic Chamber

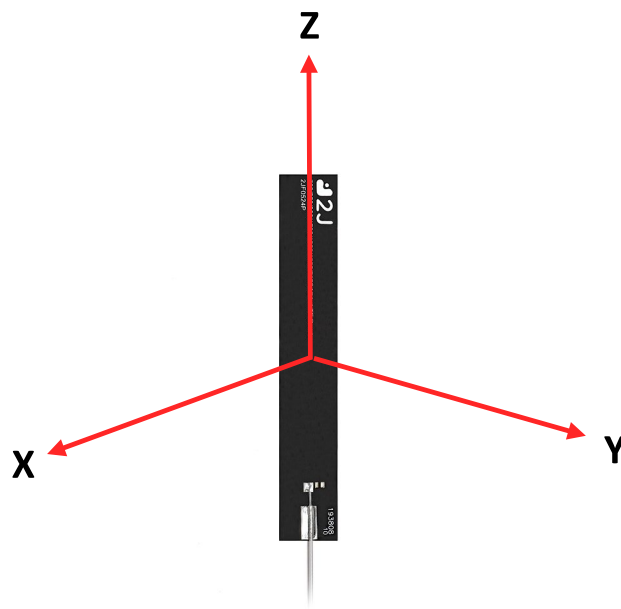
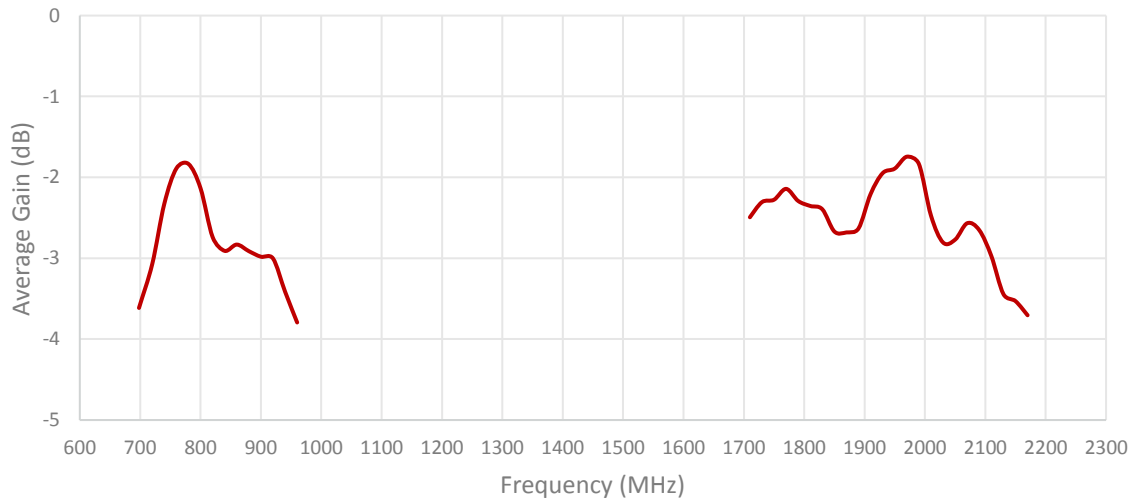
2. Mechanical and environmental specifications

Specifications	2JF0524P
Mounting Type	Self-Adhesive
Dimensions (mm)	114.7 × 19 × 0.2
Adhesive Type	3M 467MP
Material	Flexible Polymer
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

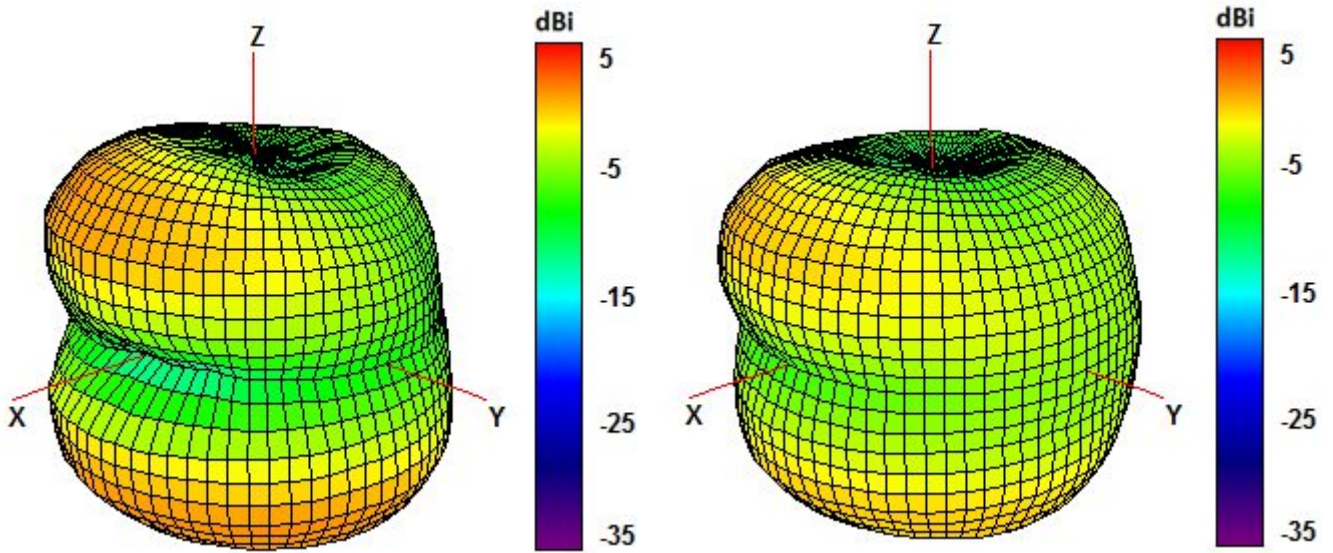
3. Antenna parameters



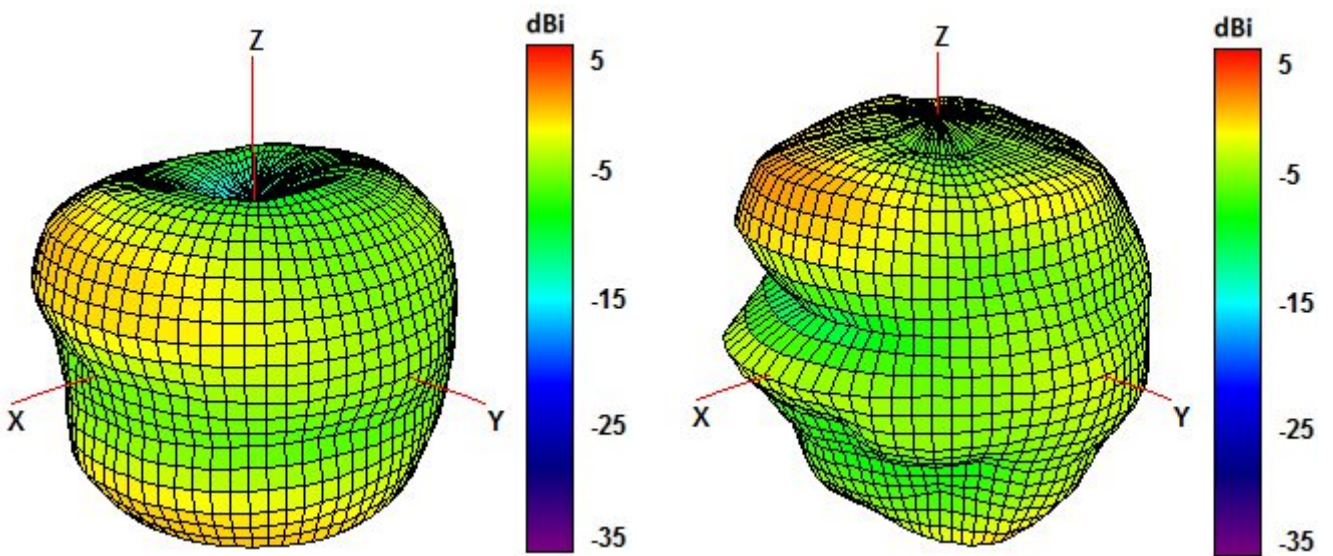




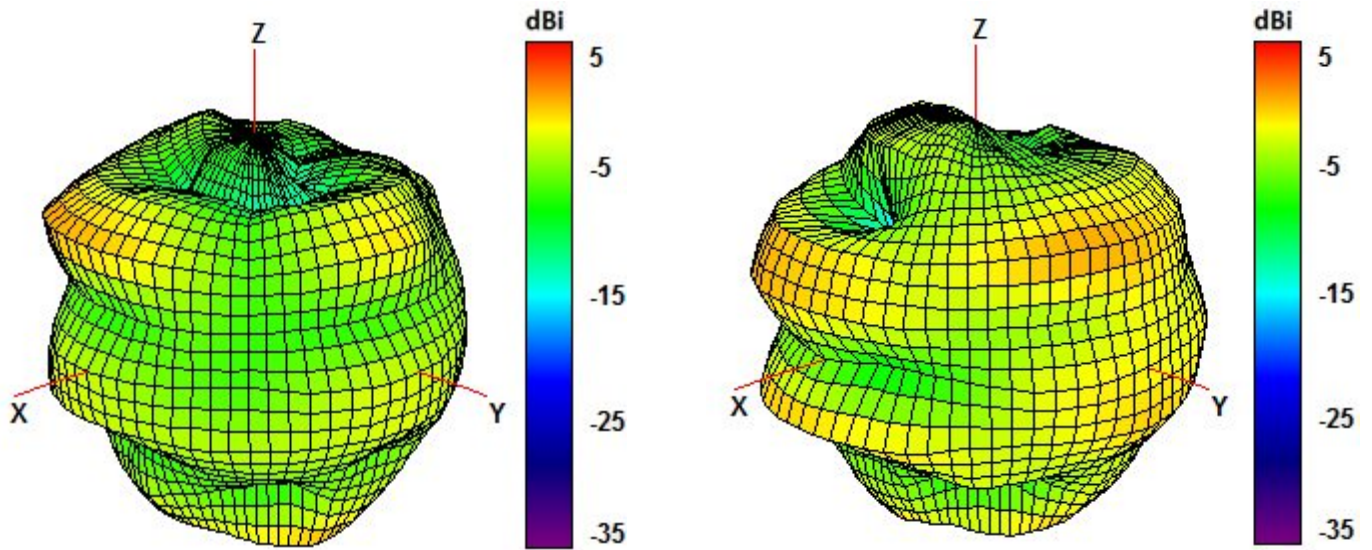
Radiation pattern reference



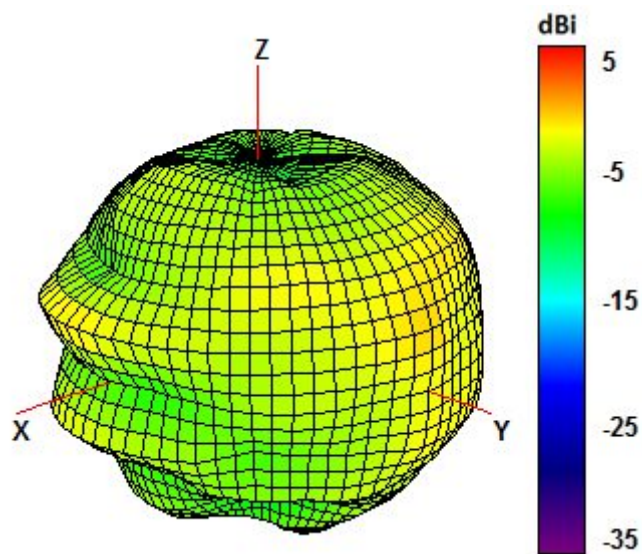
750 and 850 MHz Radiation pattern



940 and 1750 MHz Radiation pattern

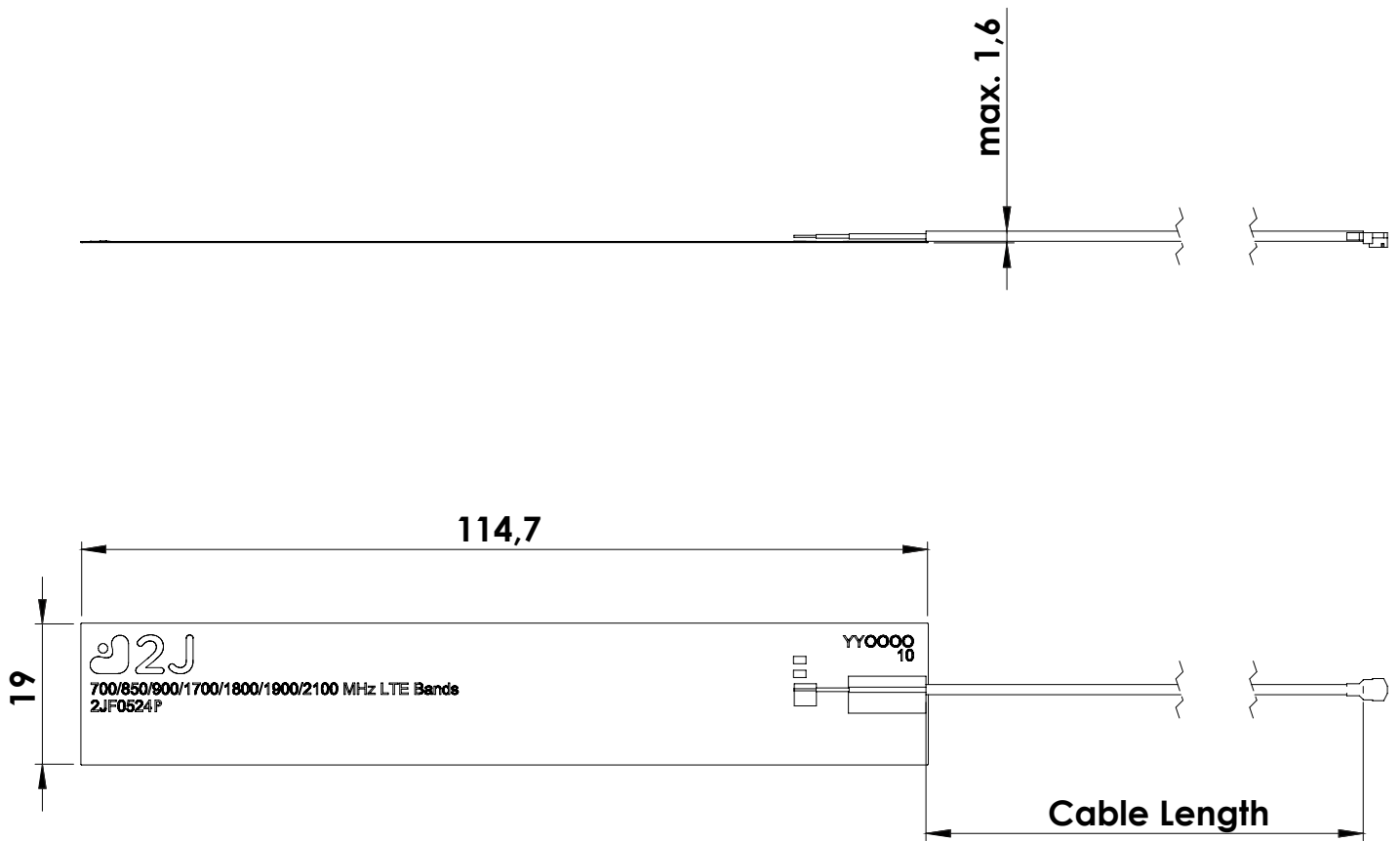


1850 and 1950 MHz Radiation pattern



2100 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

