

2JF0424P

CELLULAR / LTE Flexible Polymer

Key Features

CELLULAR / LTE

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

Embedded Antenna

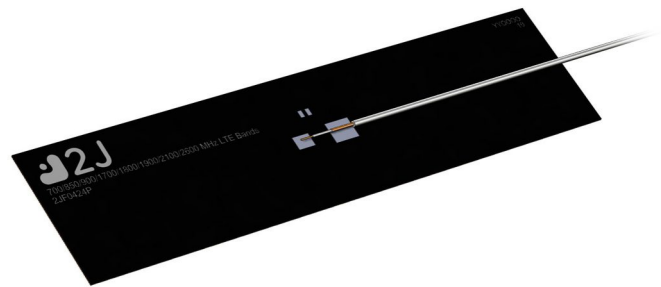
Self-Adhesive

High Performance

Ground Plane Independent

Dimensions 136.8 x 32.6 x 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	2600
Frequency (MHz)	698-960	1710-2170	2500-2700
Return Loss (dB)	~-13.6	~-23.5	~-11.8
VSWR	~1.7:1	~1.1:1	~1.7:1
Efficiency (%)	~58	~74	~61
Peak Gain (dBi)	~1.5	~3.1	~3.5
Average Gain (dB)	~-2.4	~-1.3	~-2.0
Impedance (Ohm)	50		
Polarisation	Linear		
Radiation Pattern	Omni-Directional		
Max. Input Power (W)	25		
Connector Type	Most RF Connectors (U.FL Standard)		
Cable Length	Any Cable Length (150mm Standard)		
Cable Type	Other Cables Available (1.37mm Standard)		

Antenna Measurement Conditions:

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

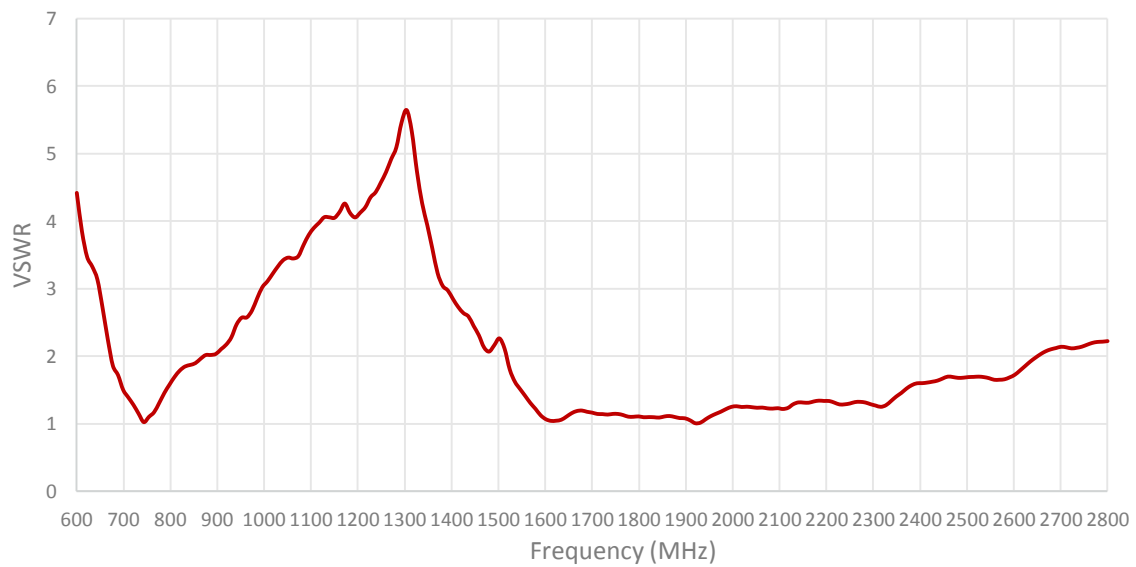
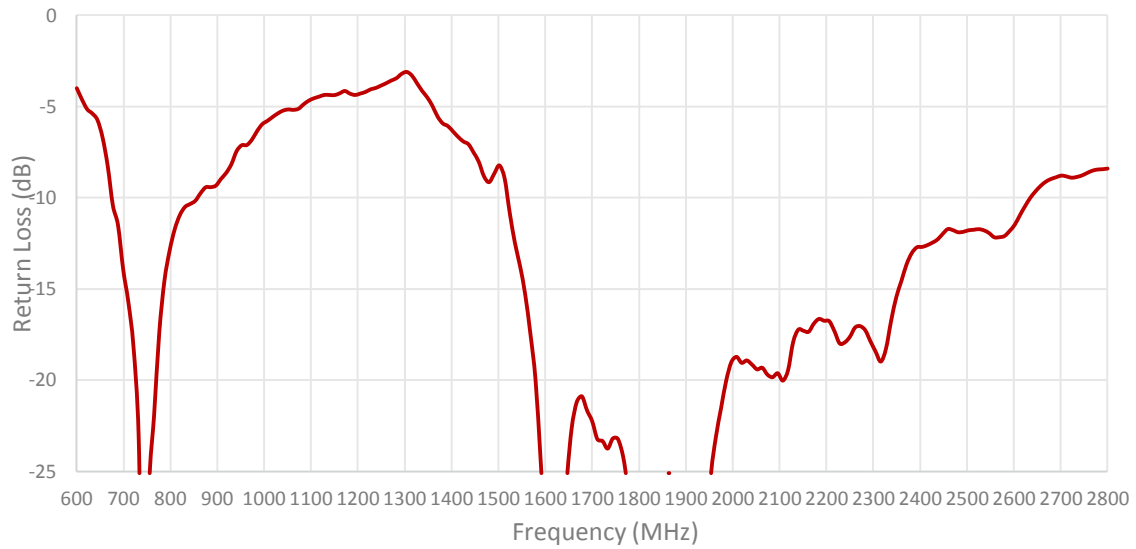
150 mm 1.37 mm Mini-Coax Cable

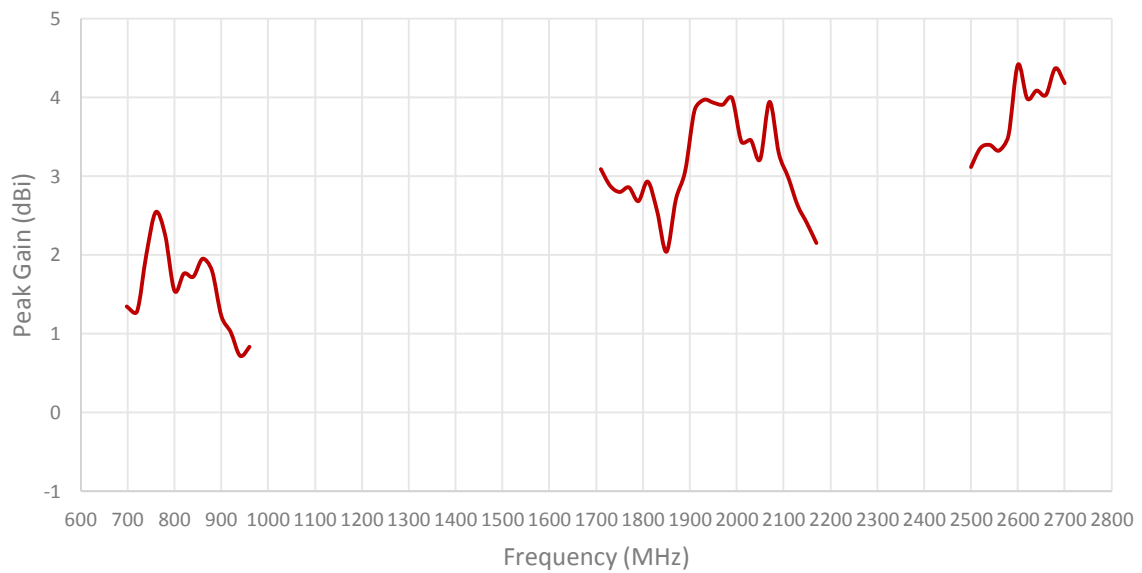
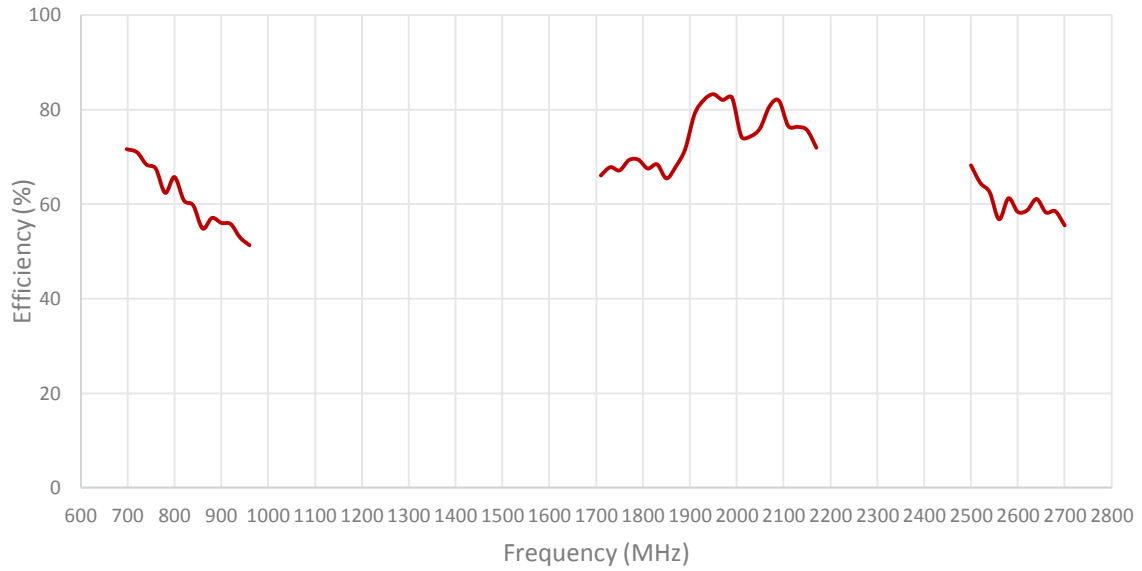
Measured in Certified CTIA 3D Anechoic Chamber

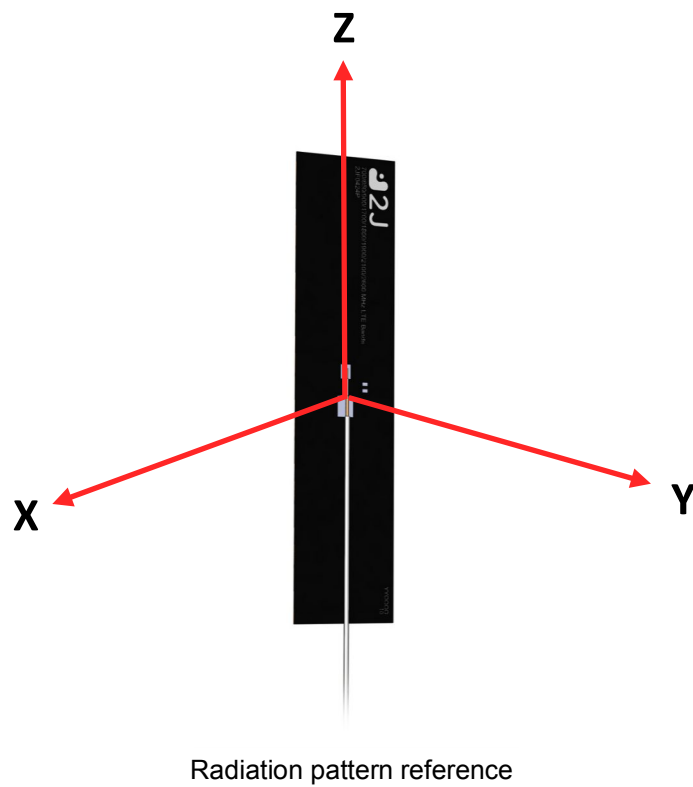
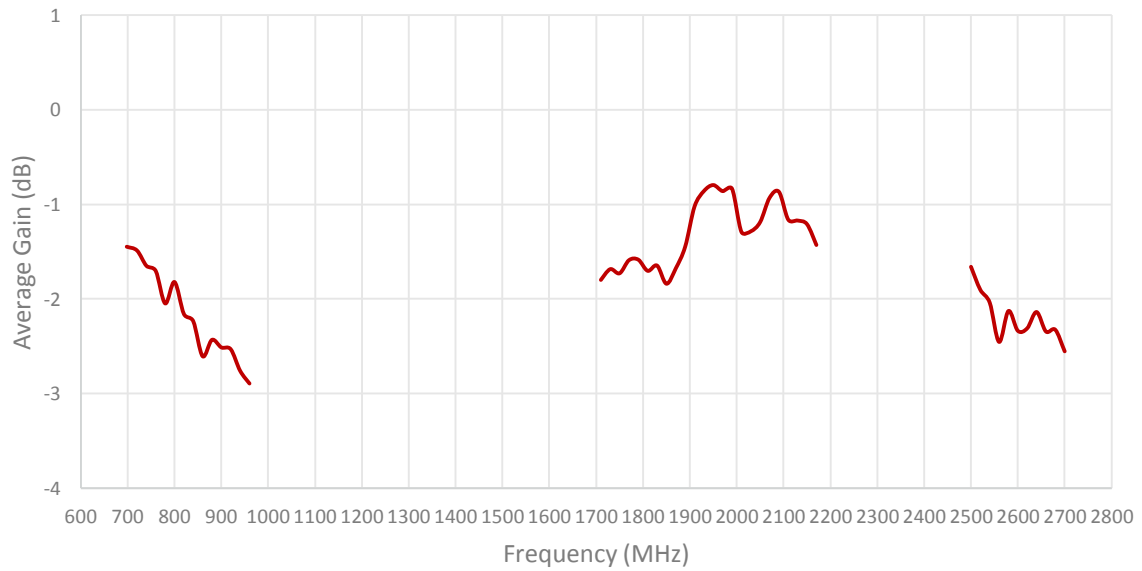
2. Mechanical and environmental specifications

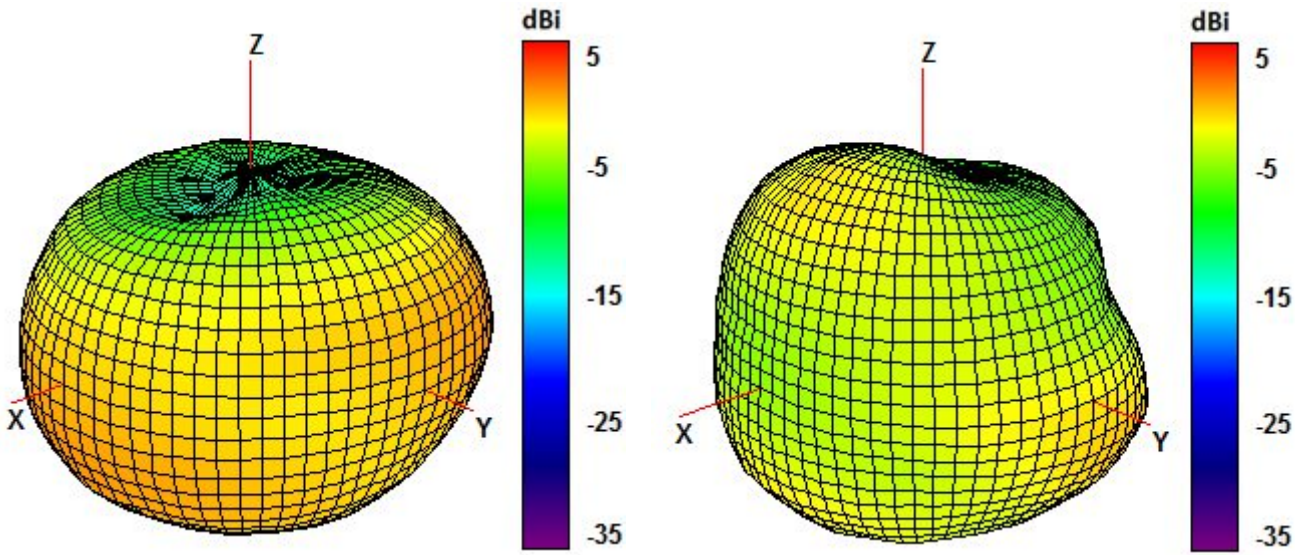
Specifications	2JF0424P
Mounting Type	Adhesive Mount
Dimensions (mm)	136.8 x 32.6 x 0.2
Adhesive Type	3M 467
Material	Flexible Polymer
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

3. Antenna parameters

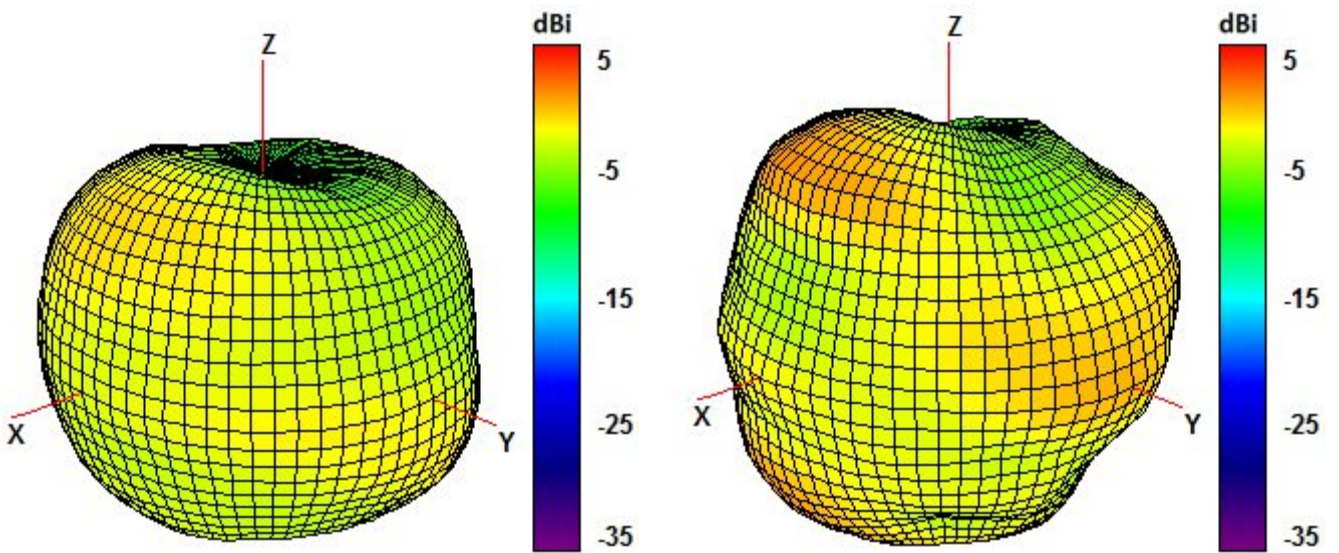




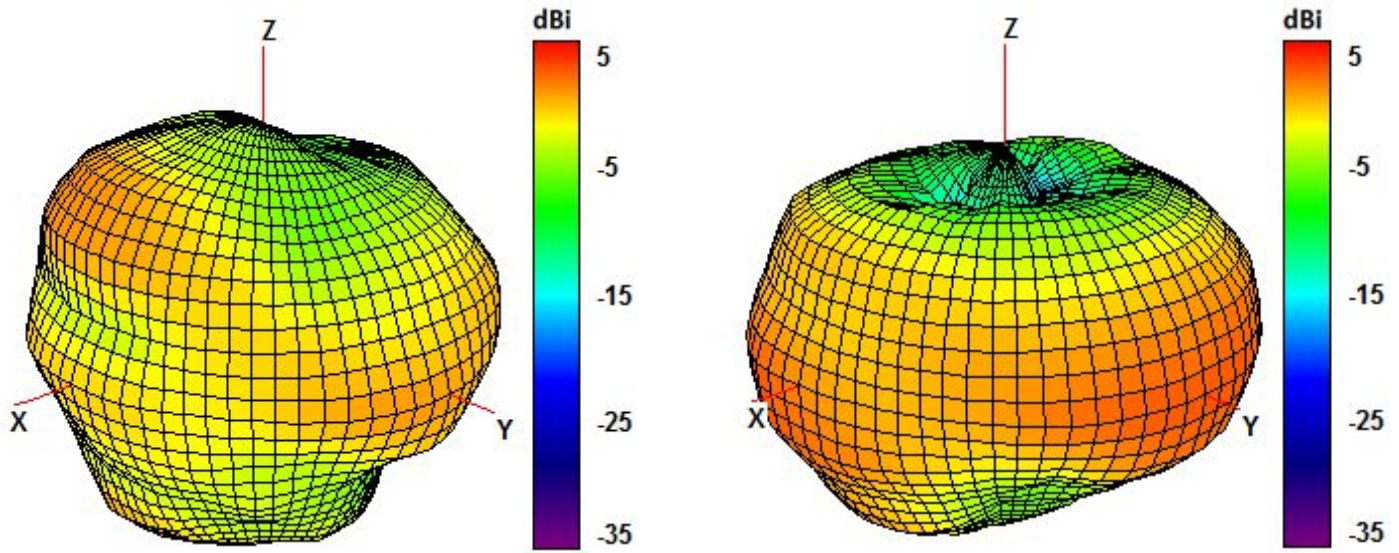




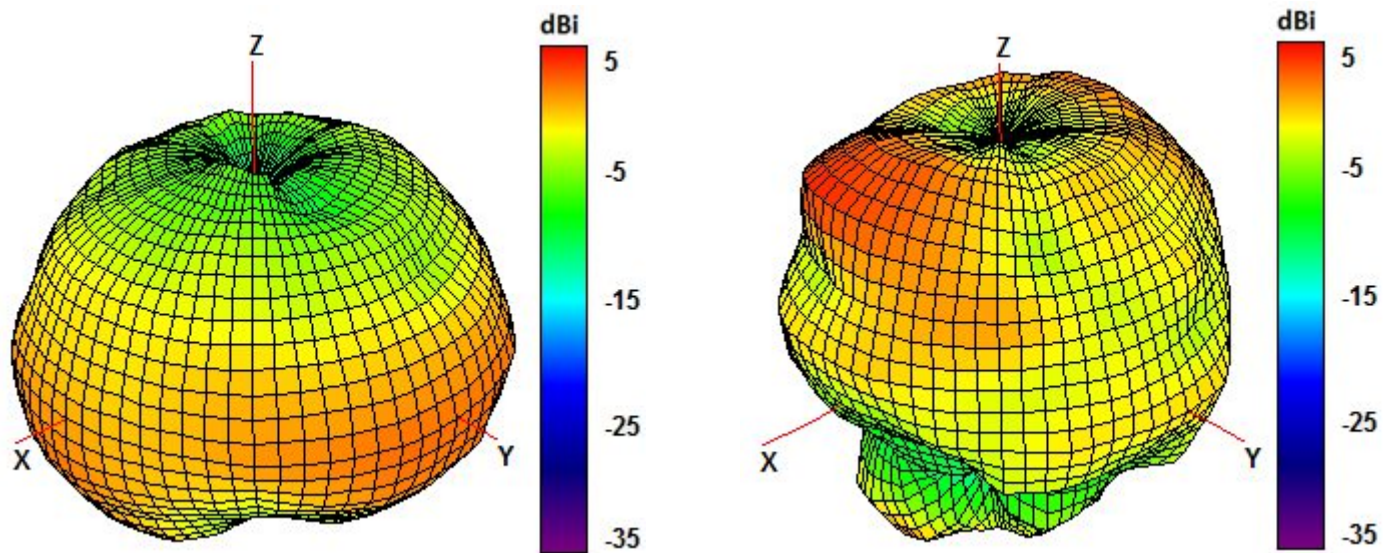
750 and 850 MHz Radiation pattern



940 and 1750 MHz Radiation pattern

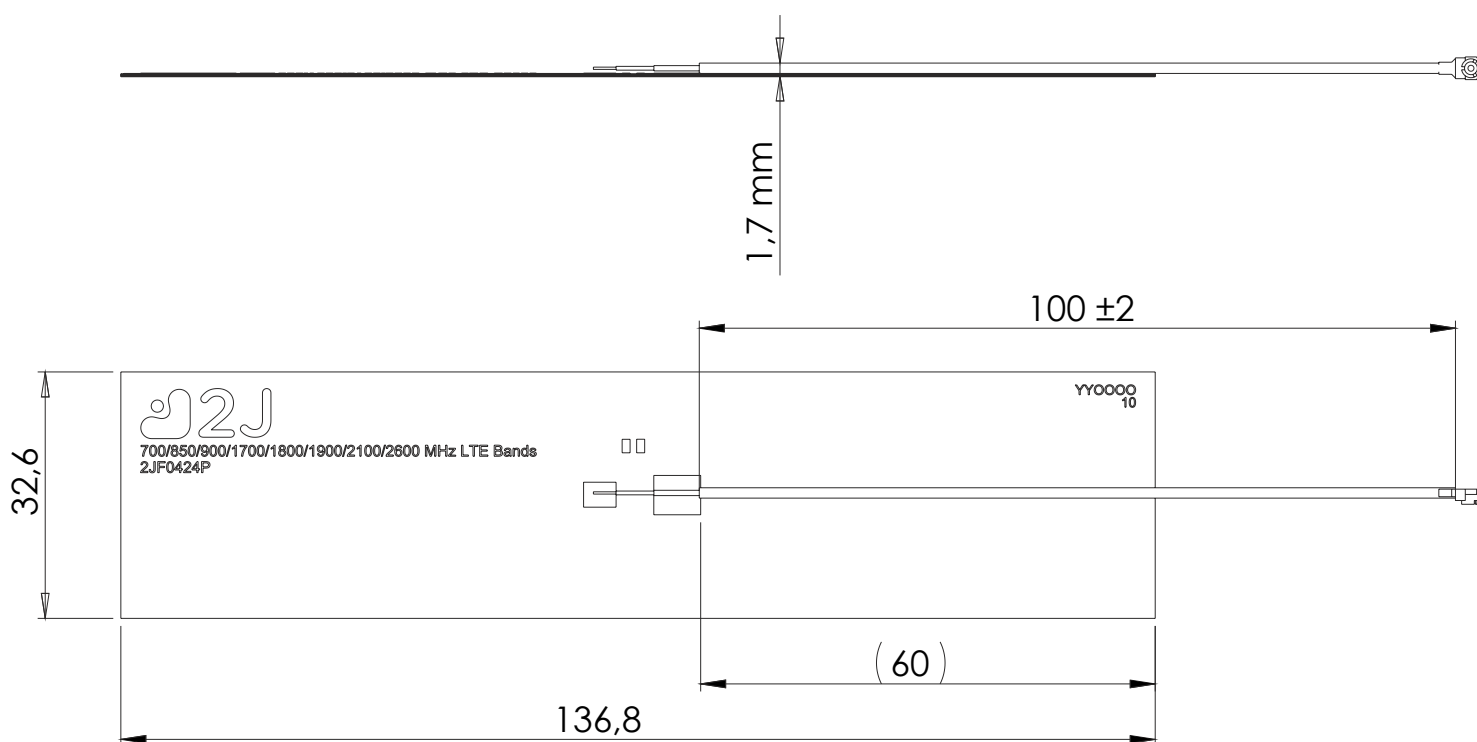


1850 and 1950 MHz Radiation pattern



2100 and 2600 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

