

2JF0924P

CELLULAR / LTE Flexible Polymer

Key Features

CELLULAR / LTE

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

Self-Adhesive

High Performance

Flexible Material

Ground Plane Independent

Dimensions 120 x 8.9 x 0.15 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)	~-8.8	~-8.1	~-8.0
VSWR	~2.5:1	~2.4:1	~2.3:1
Efficiency (%)	~50.3	~50.0	~58.8
Peak Gain (dBi)	~0.2	~2.2	~4.5
Average Gain (dB)	~-3.2	~-3.0	~-2.3
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

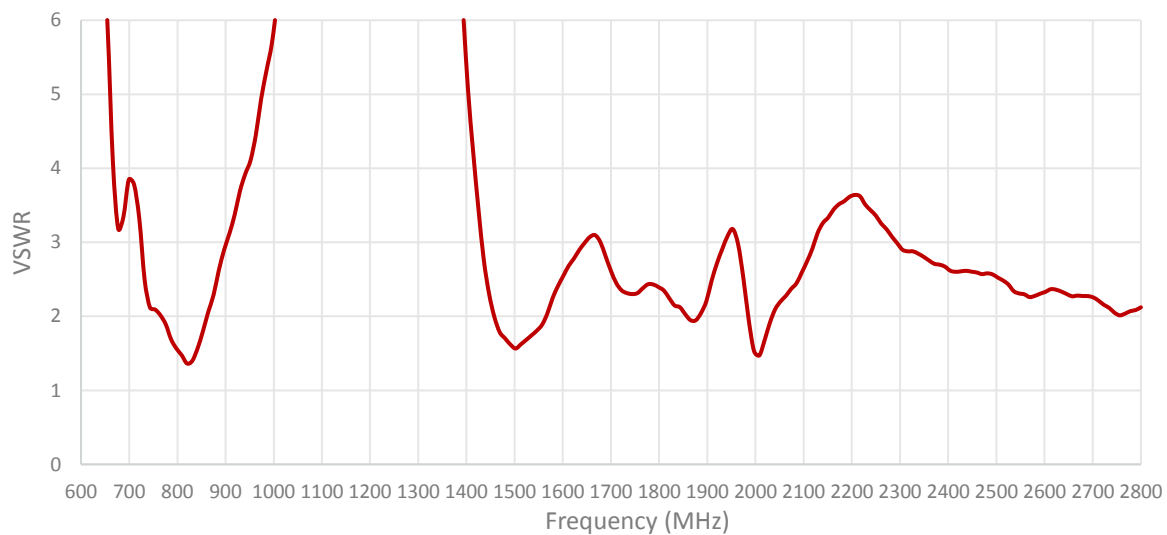
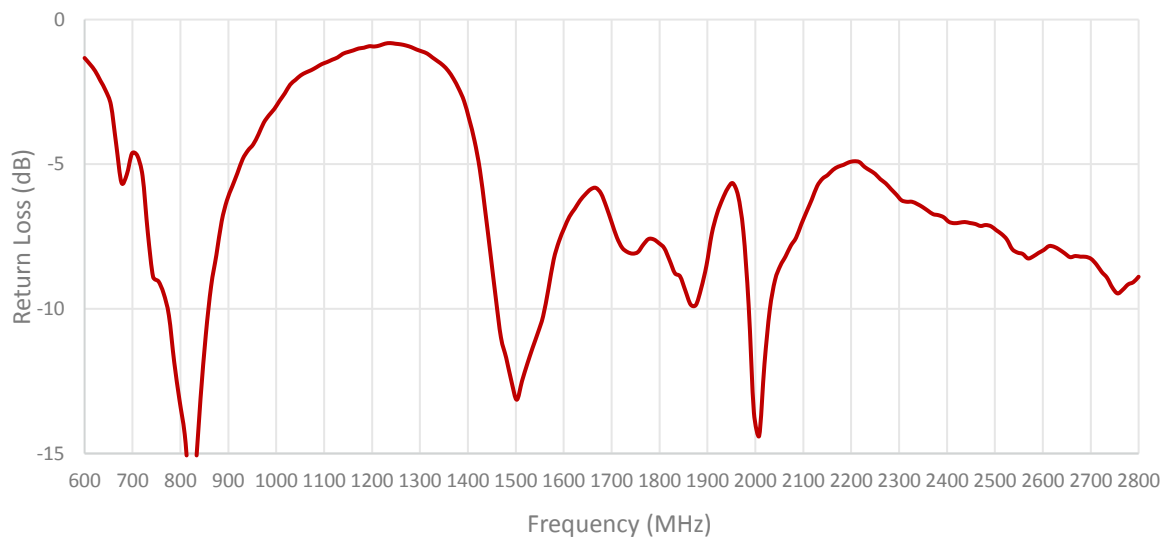
150 mm of 1.37 mm Mini-Coax Cable

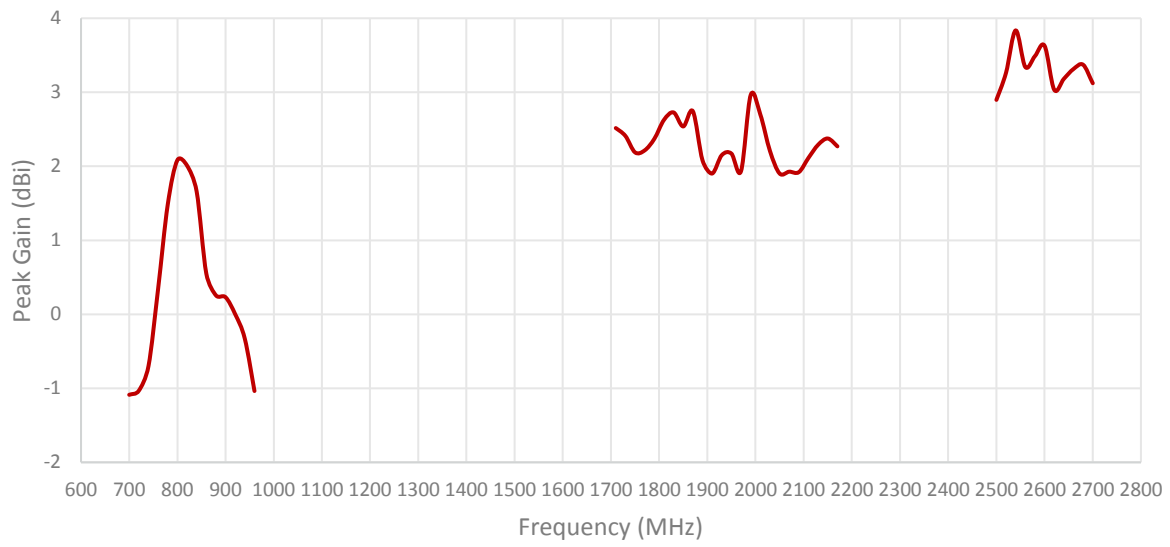
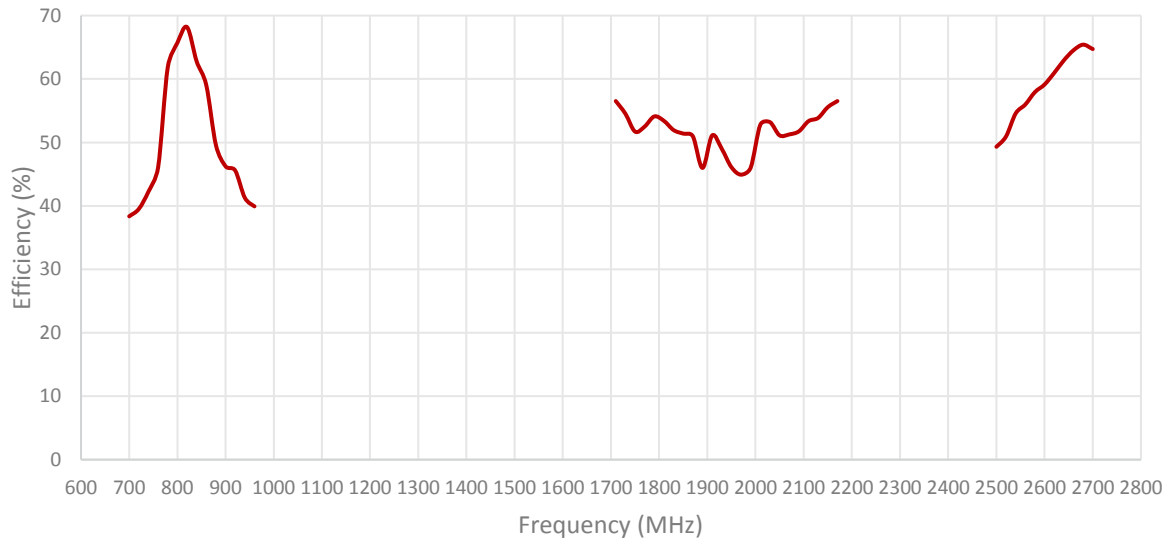
Measured in Certified CTIA 3D Anechoic Chamber

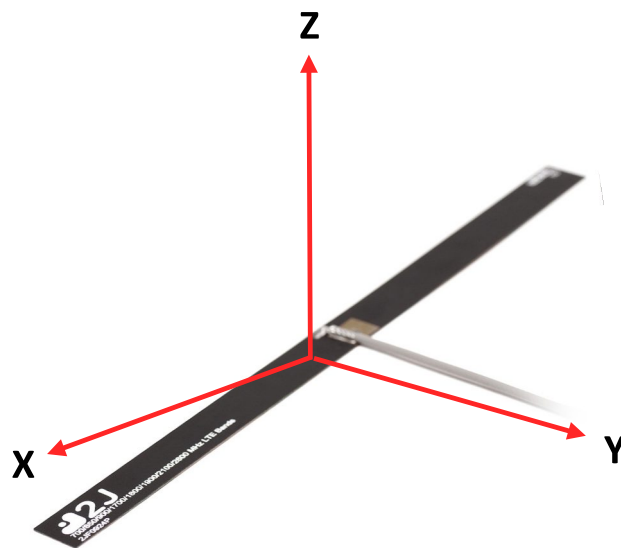
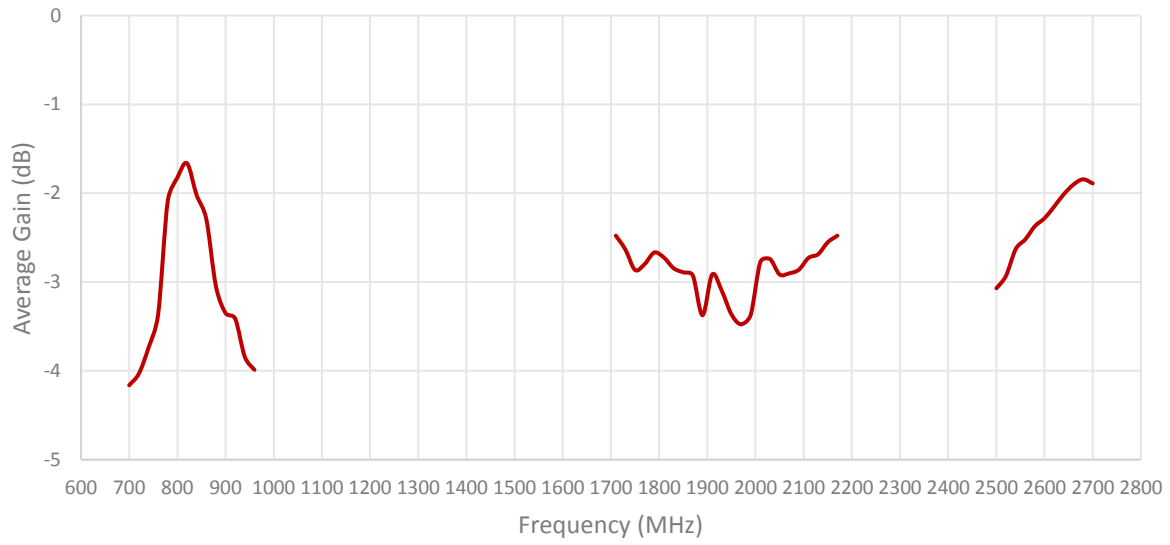
2. Mechanical and environmental specifications

Specifications	2JF0924P
Mounting Type	Self-Adhesive
Dimensions (mm)	120 x 8.9 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

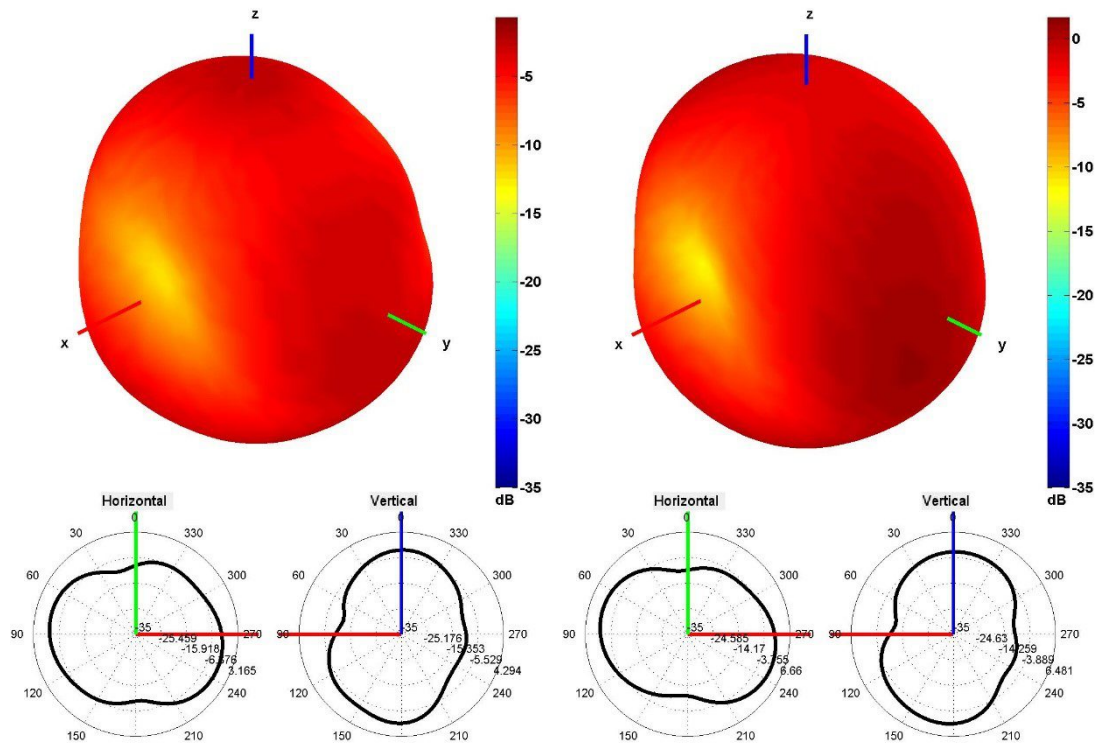
3. Antenna parameters



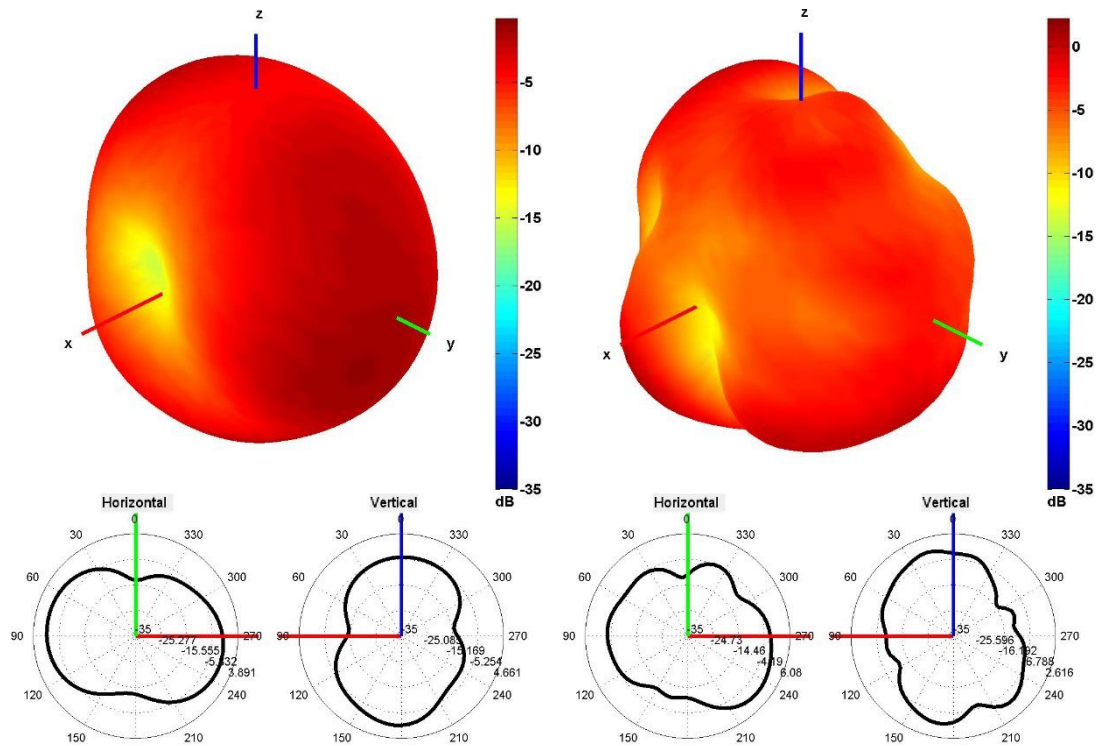




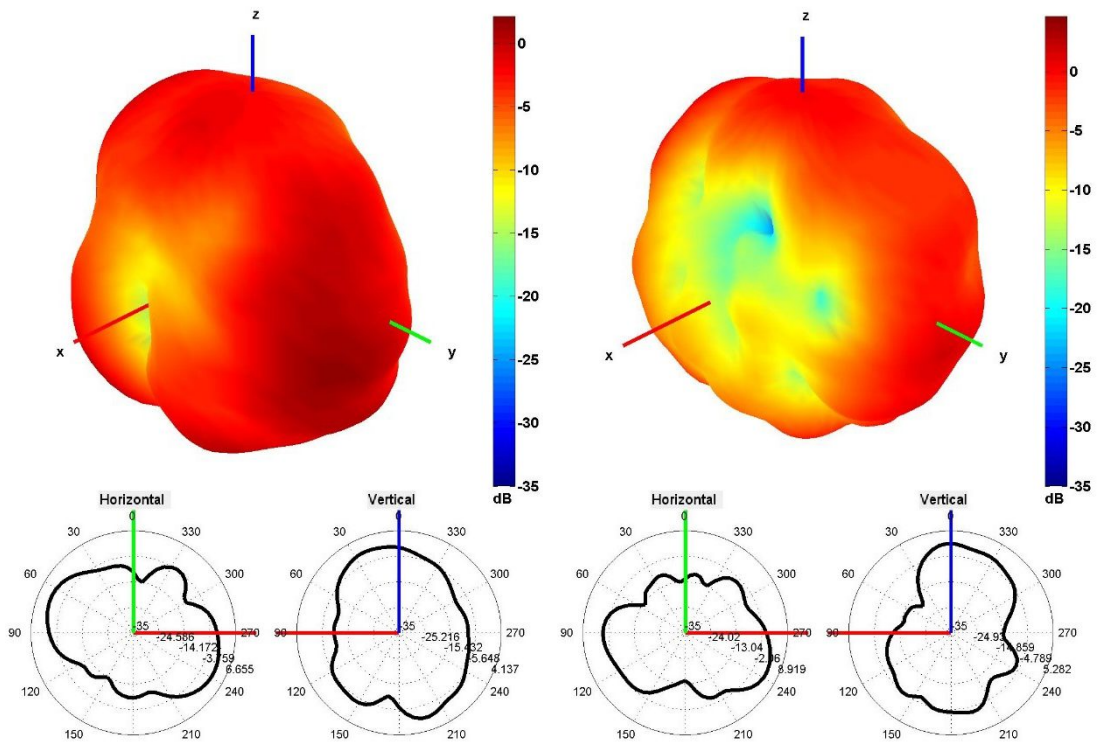
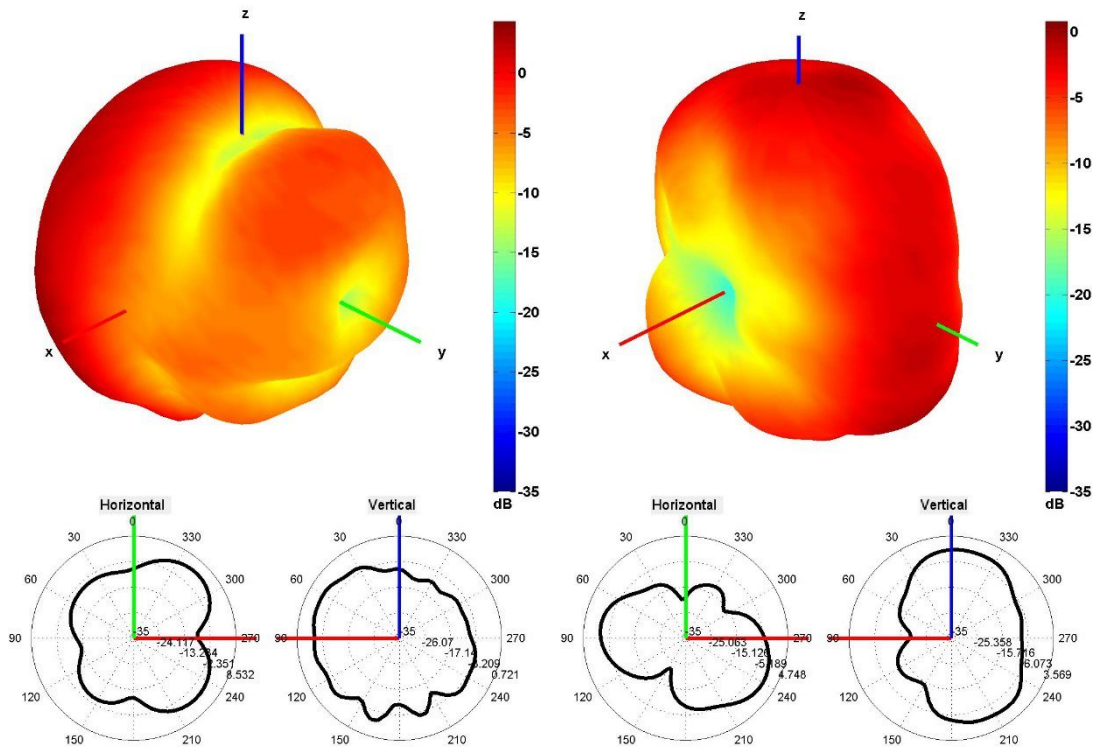
Radiation pattern reference



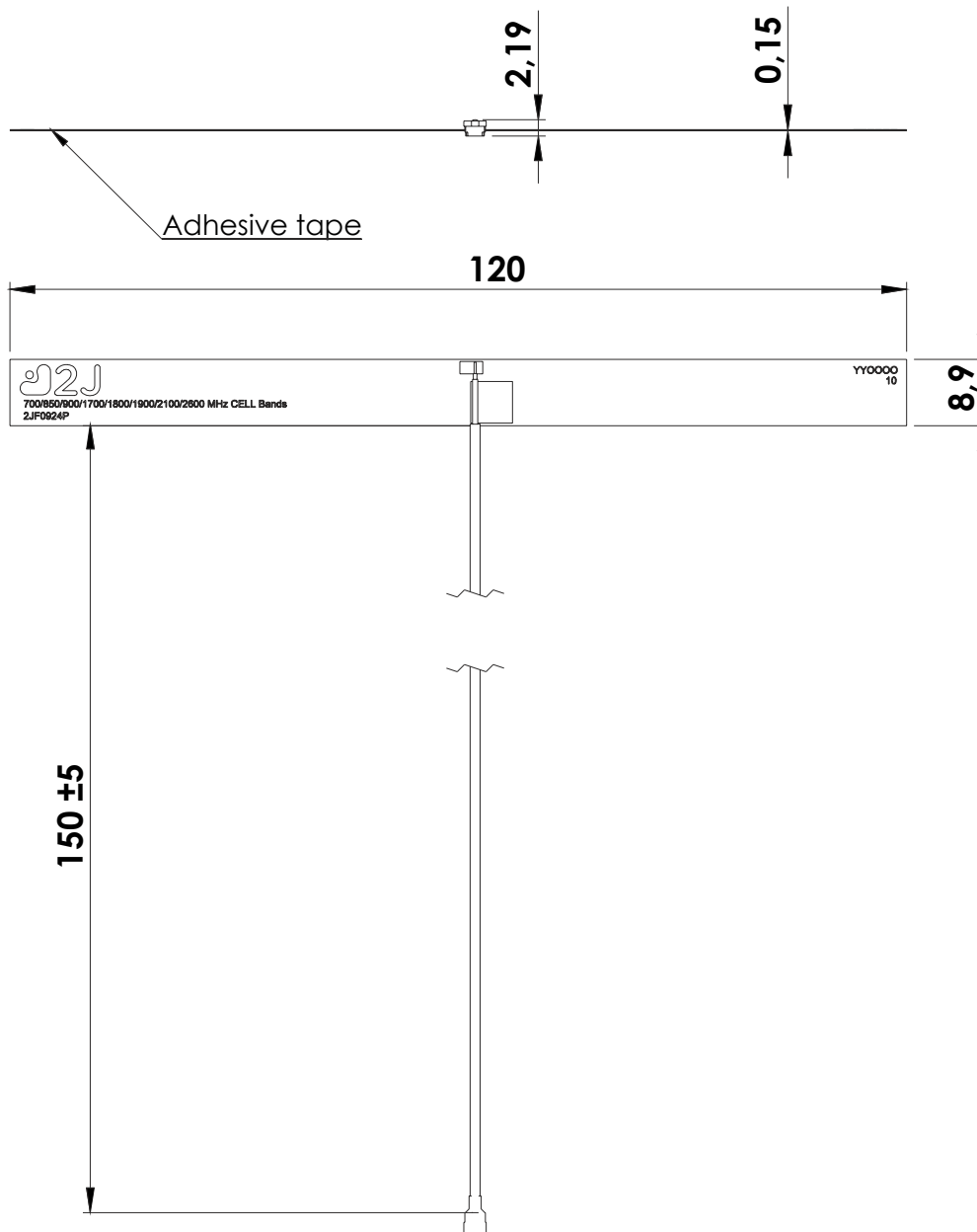
750 and 850 MHz Radiation pattern



940 and 1750 MHz Radiation pattern



4. Antenna drawings



5. Antenna Images



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