

AMC-ANT-2JF0724P

Cellular/LTE flexible polymer (FPC) antenna

Features

- Cellular/LTE
 - 698 – 960MHz
 - 1710 – 2170MHz
 - 2500 – 2700MHz
- High performance
- Ground plane independent
- Flexible material
- Self-adhesive
- Dimensions: 70.4 x 26.4 x 0.3mm
- Customisable 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)	~-6.6	~-13.4	~-6.0
VSWR	~3.4:1	~1.6:1	~3.1:1
Efficiency (%)	~68.0	~80.6	~55.6
Peak gain (dBi)	~3.4	~4.2	~3.4
Average gain (dB)	~-1.9	~-0.9	~-2.6
Impedance (Ohms)	50		
Polarisation	Linear		
Radiation pattern	Omni-Directional		
Max. input power (W)	25		
Connector type	U.FL standard (other connectors available)		
Cable length	15cm standard (other lengths available)		
Cable type	1.37 mini coax standard (other cable types available)		

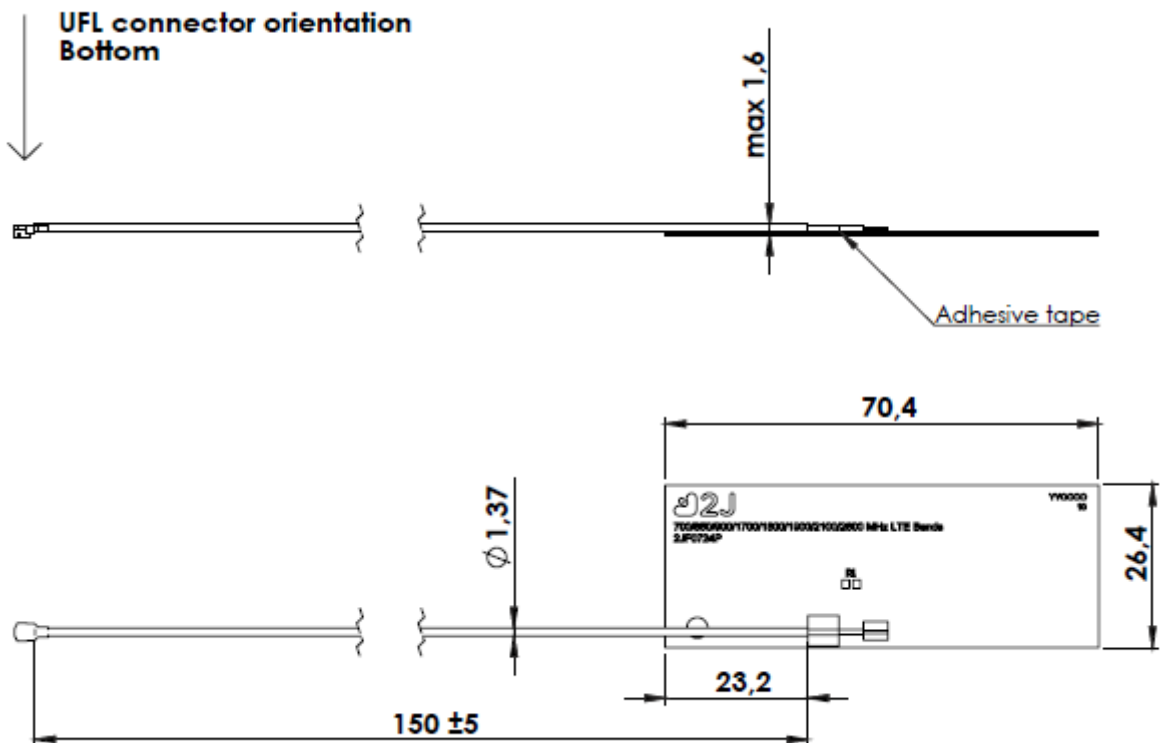
Measurement Conditions:

- Mounted on 30 x 30 x 0.25cm ABS plate
- 15cm of 1.37mm mini coax cable
- Measured in certified CTIA 3D anechoic chamber

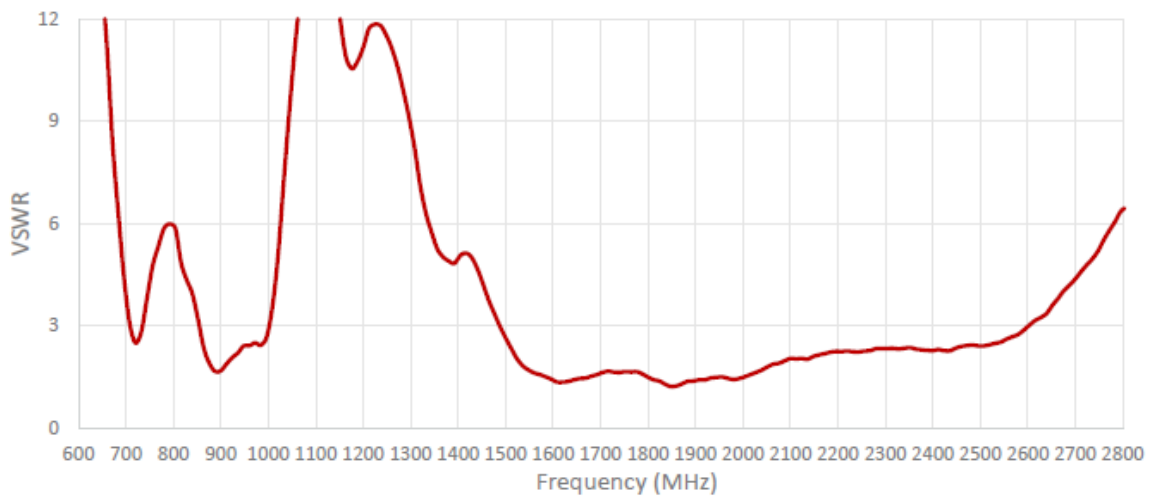
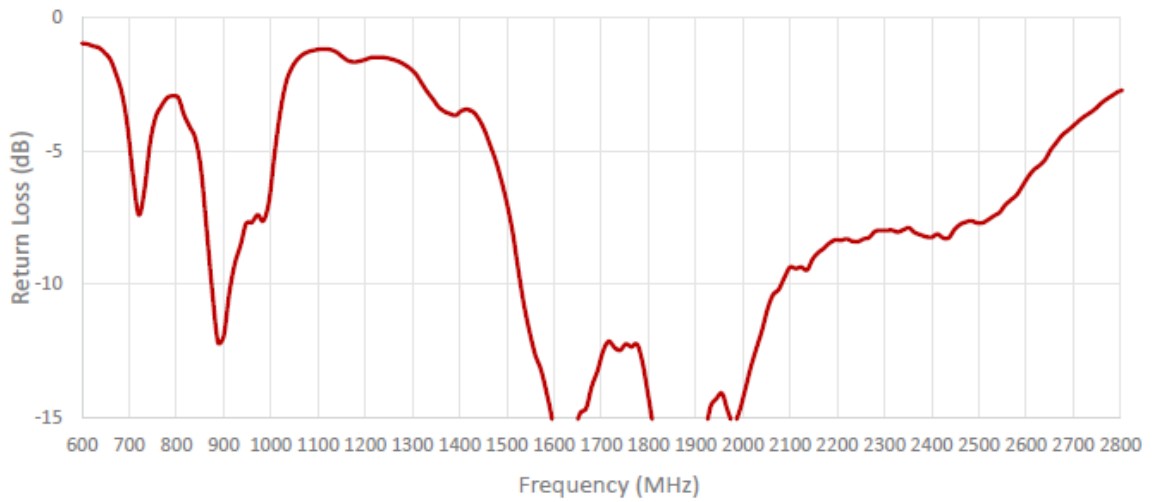


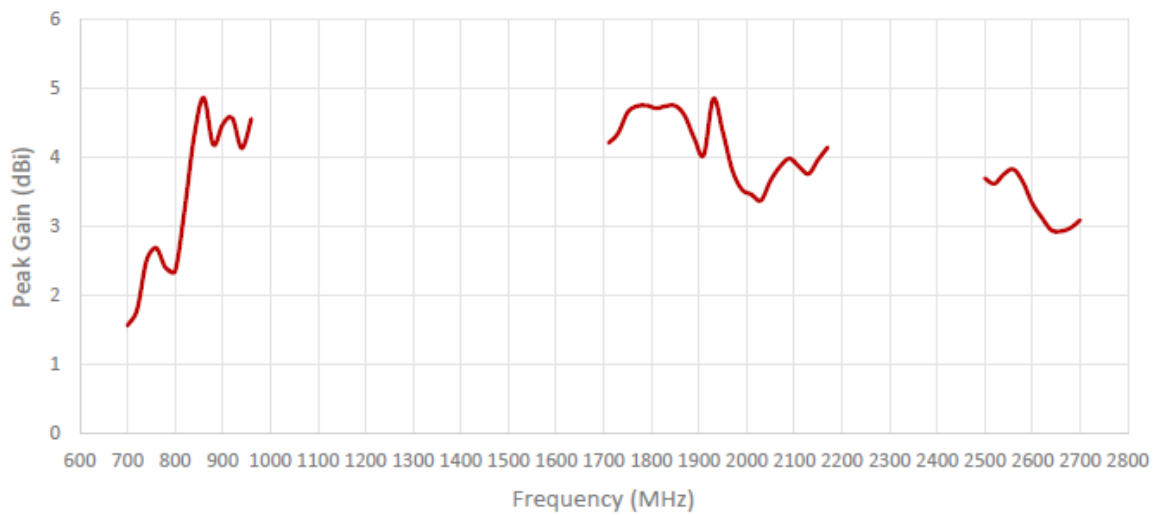
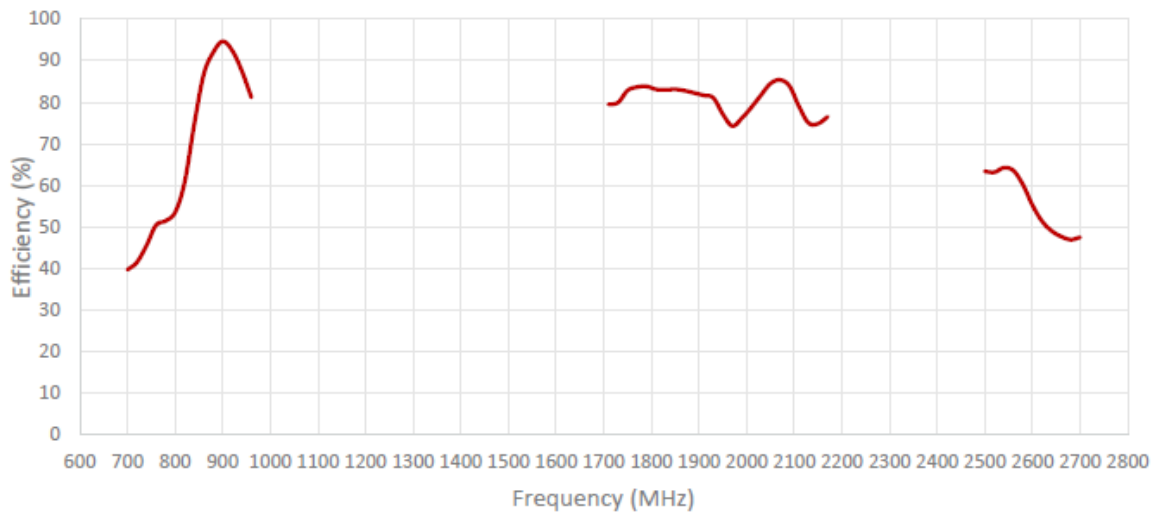
2. Mechanical and environmental specifications

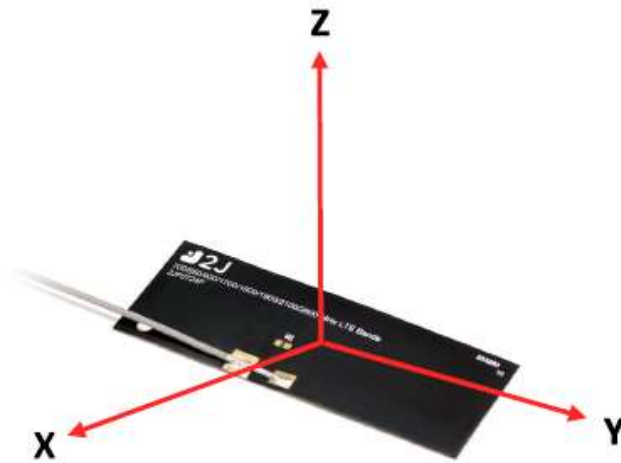
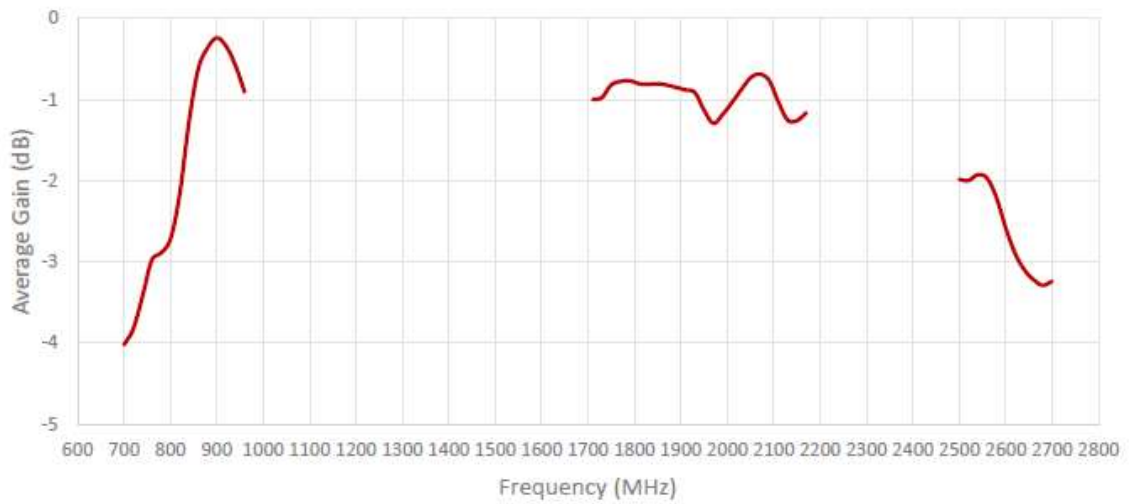
Mounting type	Self-adhesive
Dimensions (mm)	70.4 x 26.4 x 0.3
Adhesive type	3M 467MP
Material	Flexible polymer
Operating temperature (°C)	-40 to +85
Storage temperature (°C)	-40 to +85
Substance compliance	RoHS



3. Antenna parameters







Radiation pattern reference



