

2J0B24-C995G

Cellular/LTE Connector Mount



FEATURES

- Connector Mount
- Ground Plane Dependent
- Low Profile
- Cellular/LTE (698-960, 1710-2170 and 2500-2700 MHz)
- 9 x 9 x 48 mm

ANTENNA AND ELECTRICAL SPECIFICATIONS

Parameters	Cellular/LTE Antenna		
Technologies	2G,3G and 4G		
Standards	GSM, CDMA, DCS, PCS, GPRS, WCDMA, UMTS, HSPA, EVDO and LTE		
Band (MHz)	700/850/900	1700/1800/1900/2100	2600
Frequency(MHz)	698-960	1710-2170	2500-2700
Return Loss (dB)	~-5.0	~-9.0	~-2.5
VSWR	~3.9:1	~2.7:1	~7.3:1
Efficiency (%)	~62.4	~62.4	~16.2
Peak Gain (dBi)	~1.5	~3.5	~-6.3
Average Gain (dB)	~-2.1	~-2.1	~-8.1
Impedance (Ohm)	50		
Polarization	Linear		
Radiation Pattern	Omni-Directional		
Max Input Power (W)	25		
Connector Type	SMA-Male-RP		

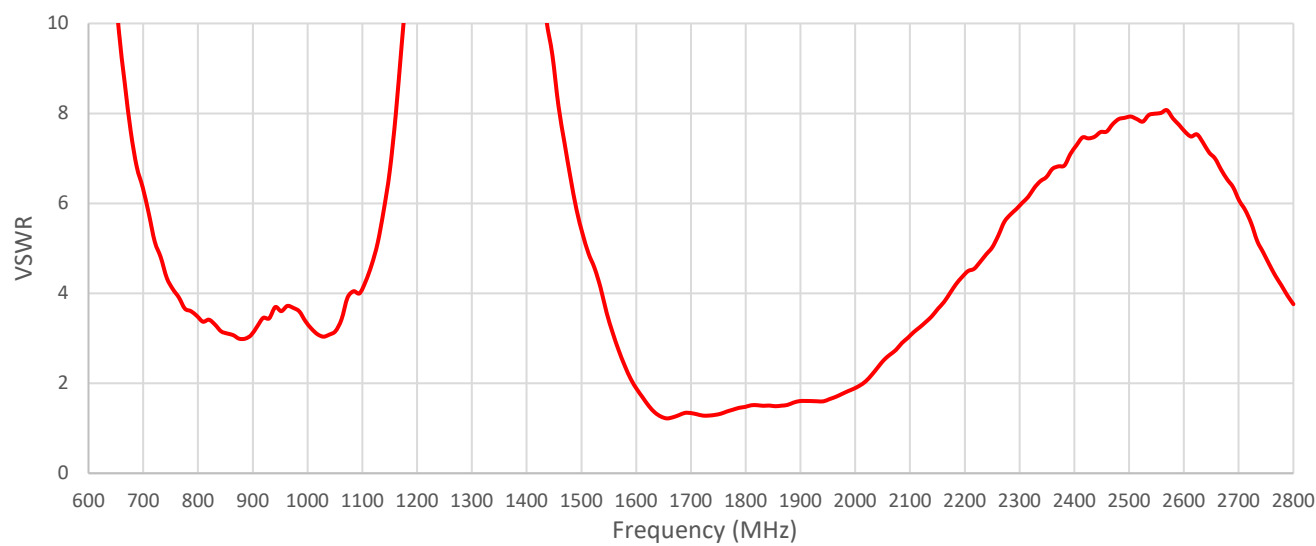
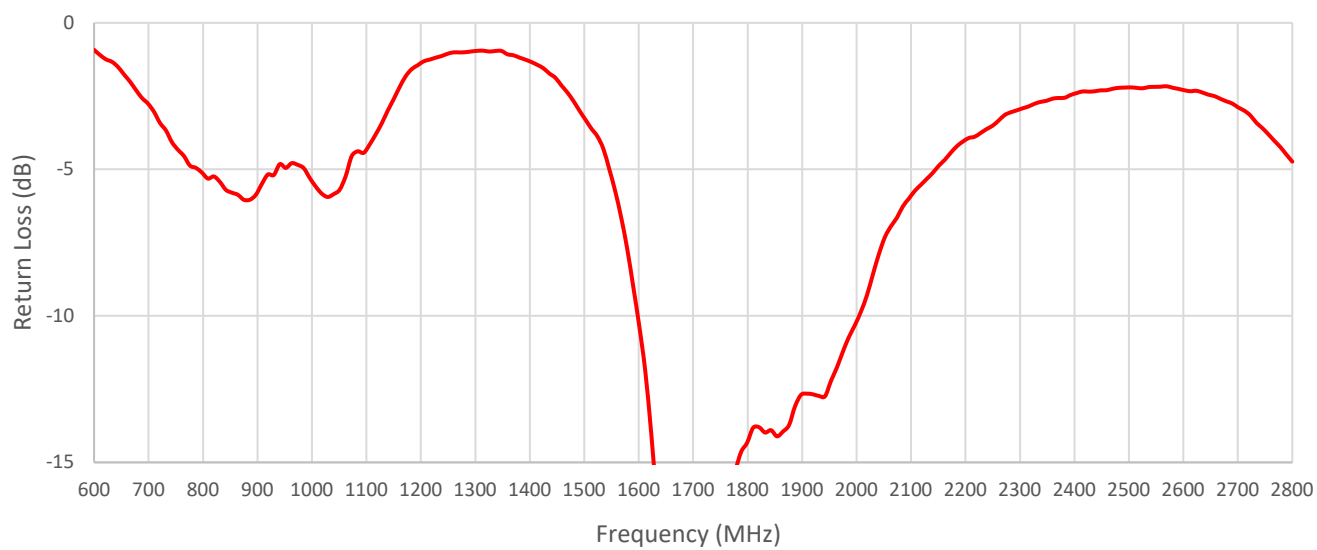
Antenna Measurement Conditions

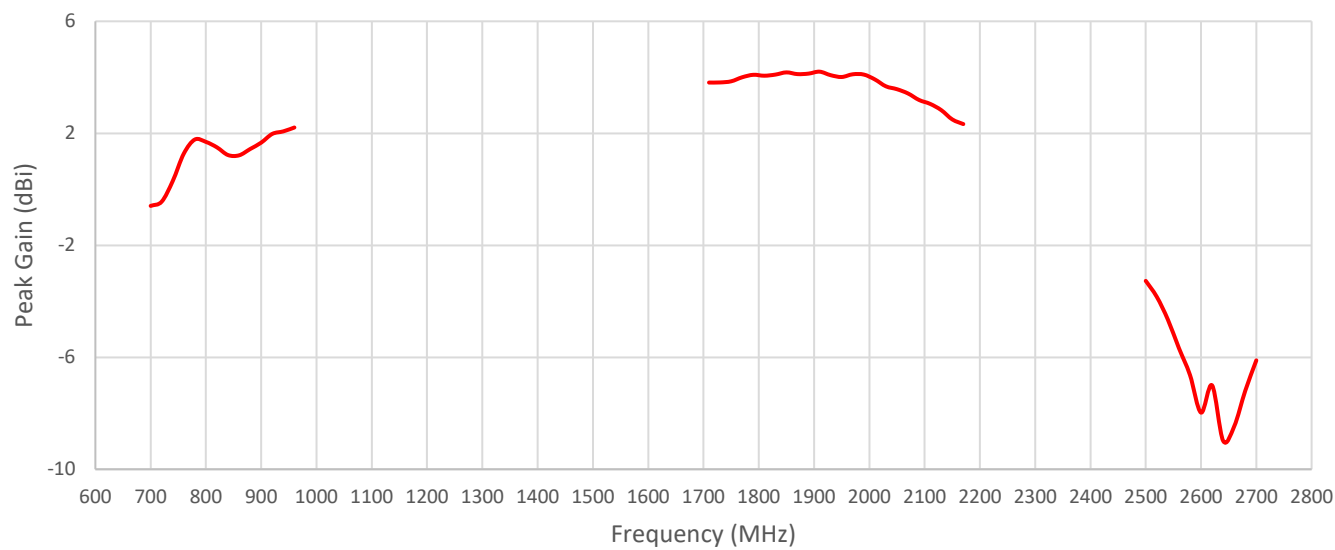
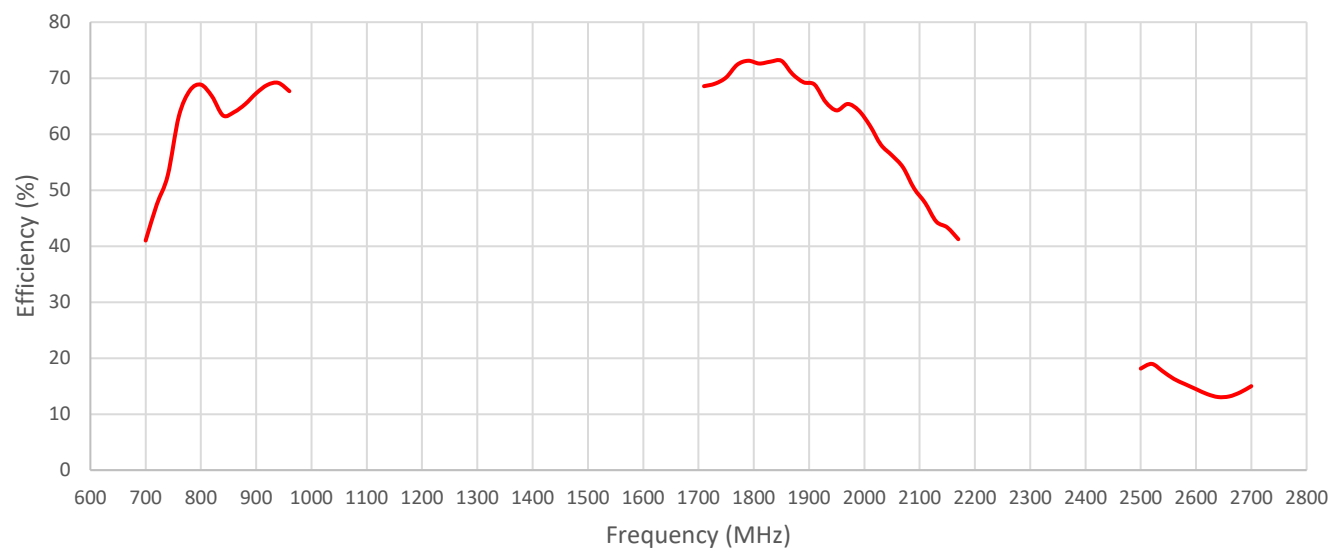
Mounted on Ground Plane of 115 x 45 mm
Measured in Certified CTIA 3D Anechoic Chamber

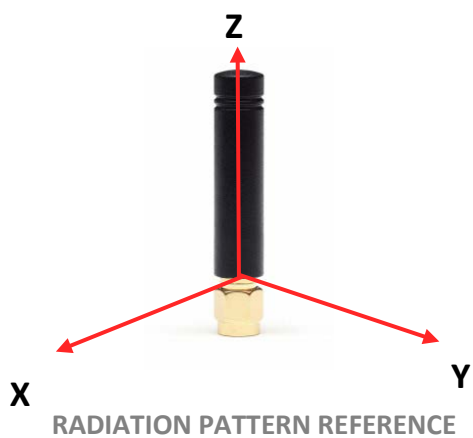
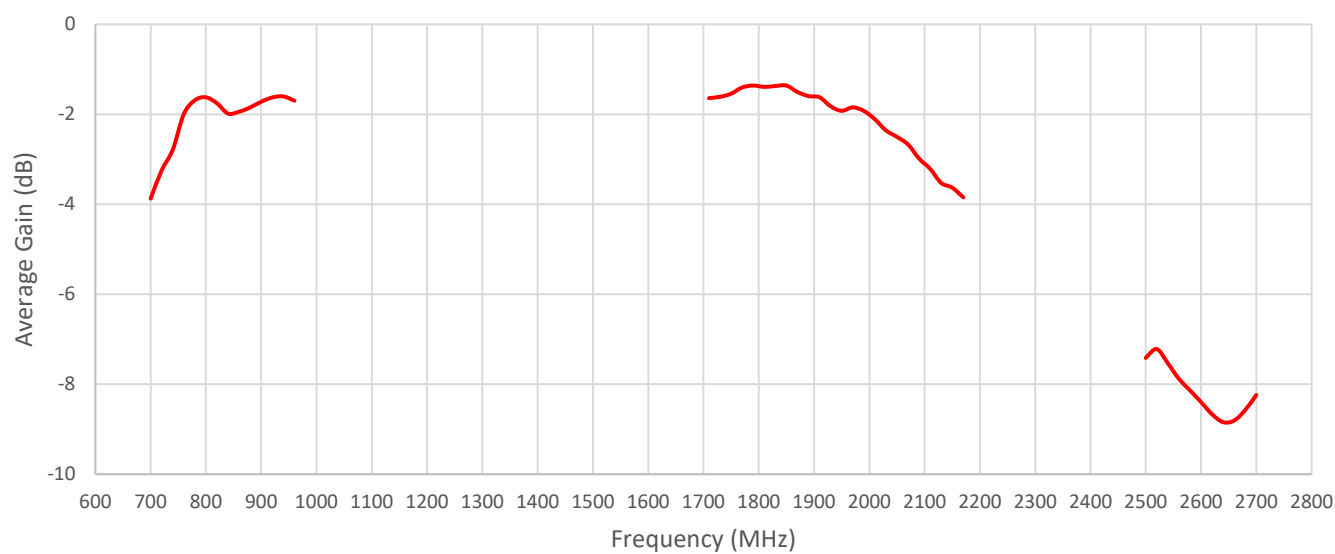
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

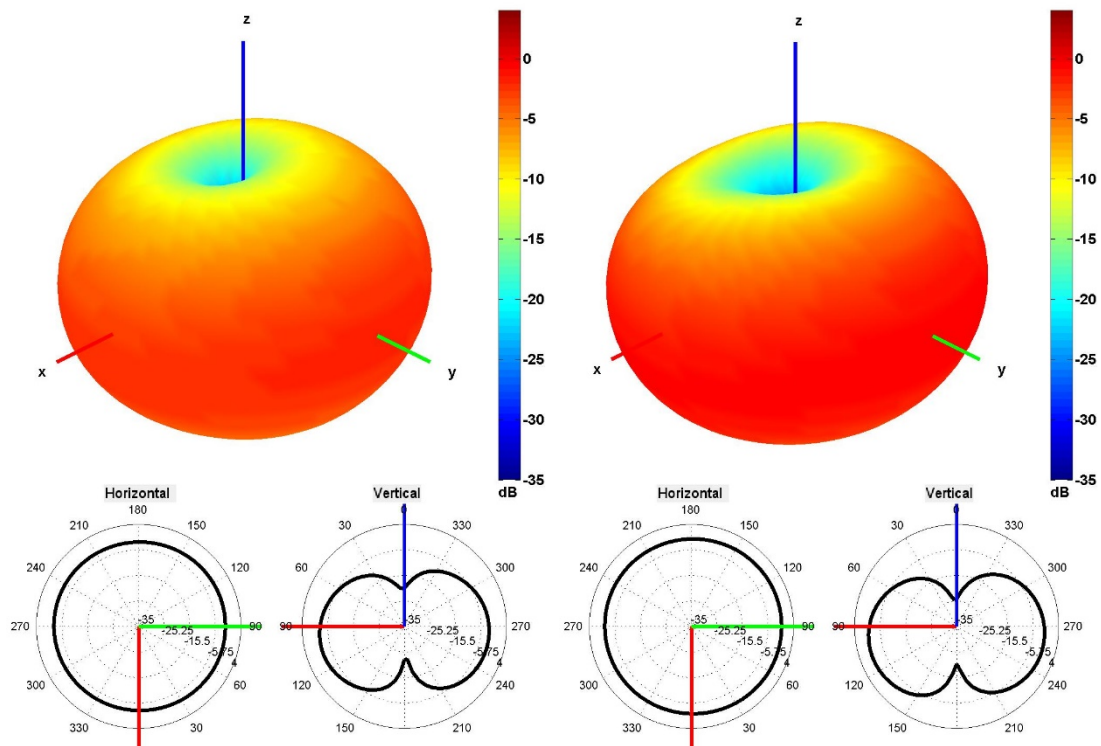
Specifications	2J0B24-C995G
Mounting Type	Connector Mount
Dimensions (mm)	9 x 9 x 48
Radome Type	TPE
Radome Color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Ingress Protection	IP56
Substance Compliance	RoHS

ANTENNA PARAMETERS

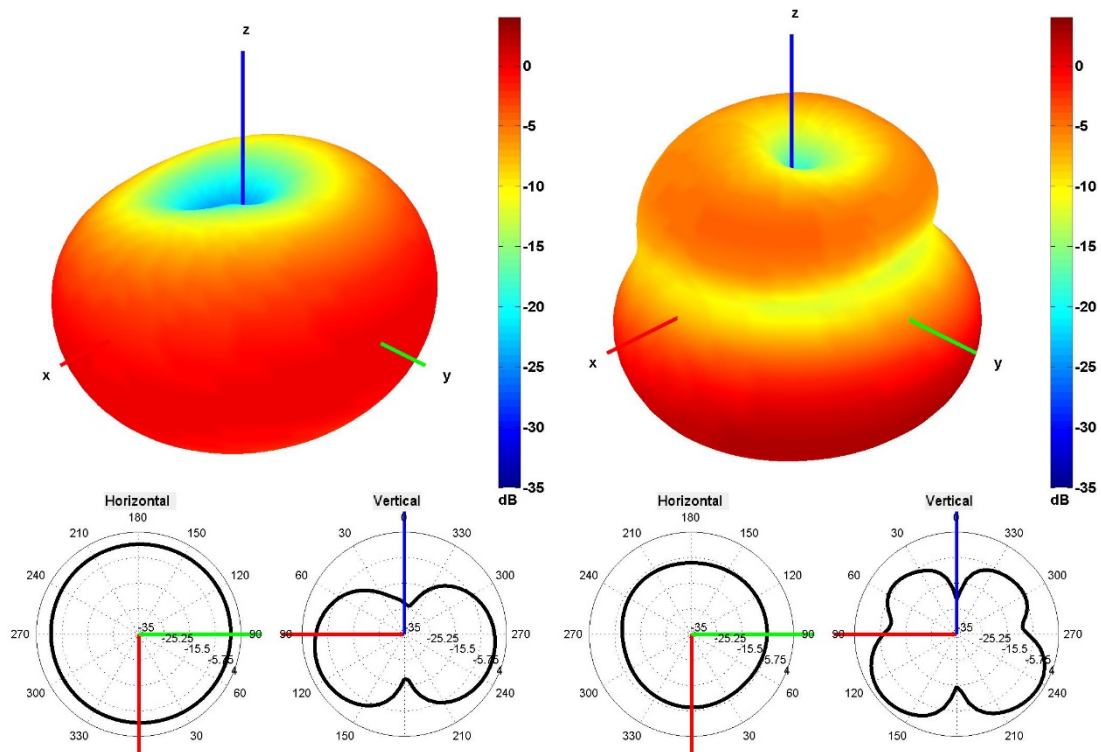




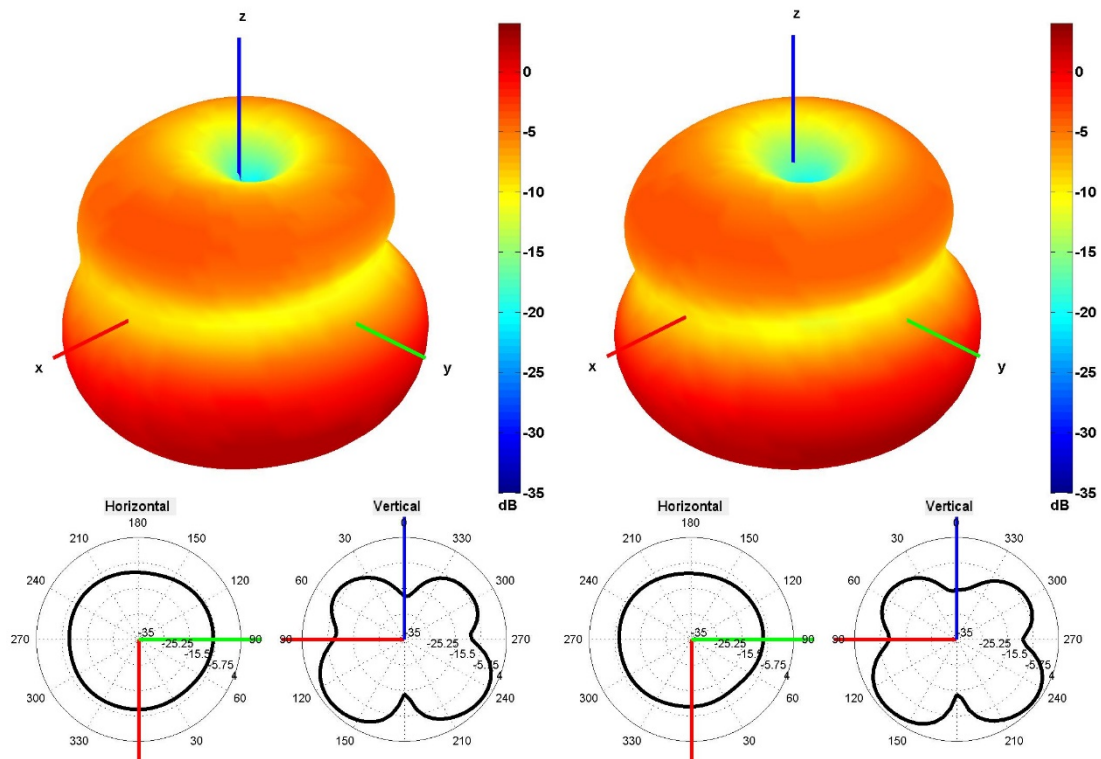




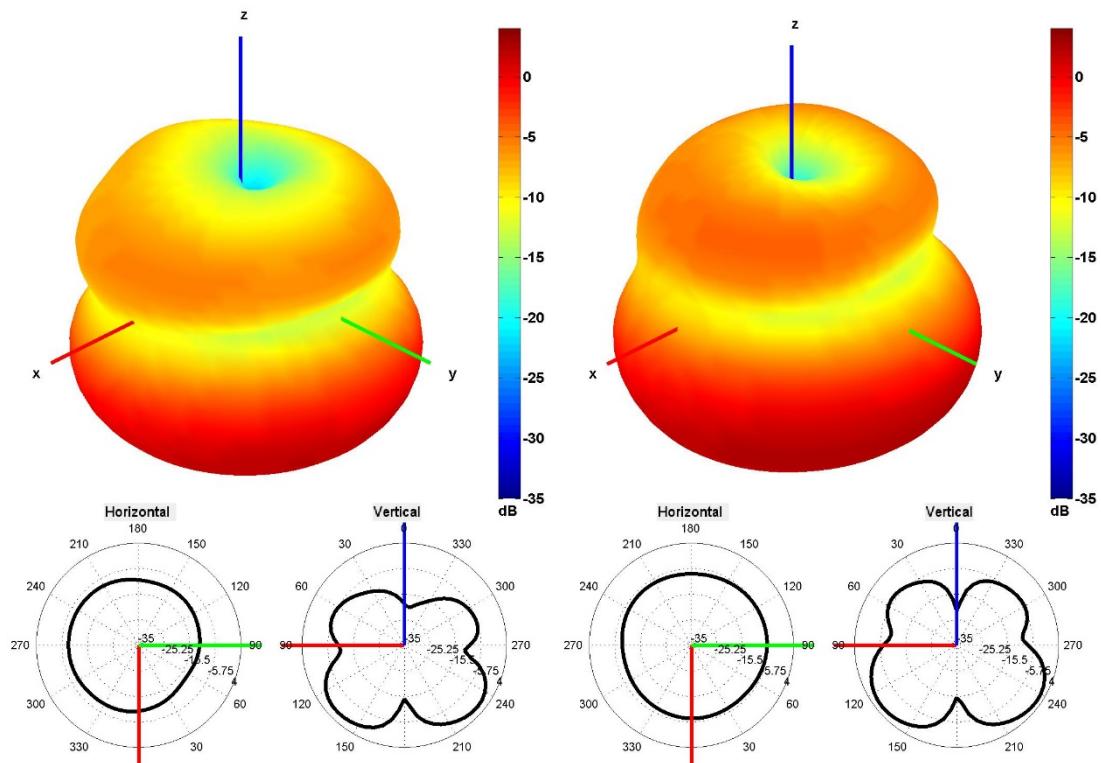
750 AND 850 MHz RADIATION PATTERN



940 AND 1750 MHz RADIATION PATTERN

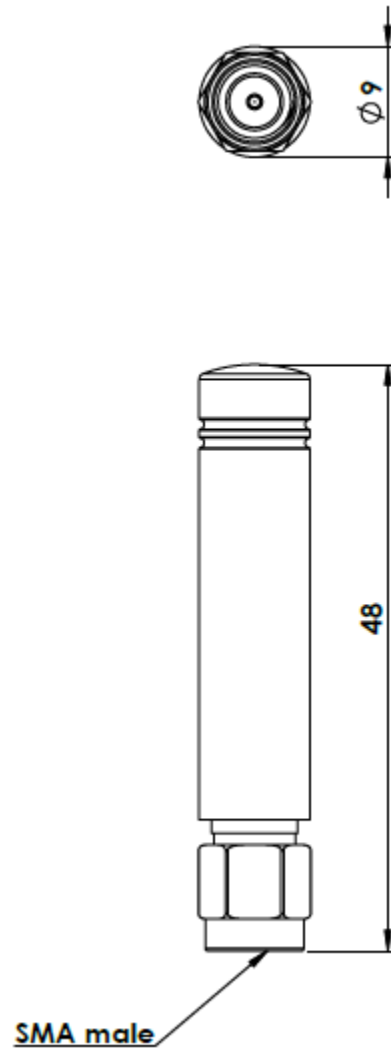


1850 AND 1950 MHz RADIATION PATTERN



2100 and 2500 MHz RADIATION PATTERN

ANTENNA DRAWINGS



ANTENNA PICTURES

