

2JCP2542601a_CU017570

Iridium Ceramic Thru-Hole Mount



FEATURES

Thru-Hole Mount
Ground Plane Independent
Iridium (1616-1627 MHz)
25 x 25 x 4 mm

ANTENNA AND ELECTRICAL SPECIFICATIONS

2JCP2542601a_CU017570	
Standard	Iridium
Band (MHz)	1621
Frequency(MHz)	1616-1627
Return Loss (dB)	~-10.9
VSWR	~1.8:1
Efficiency (%)	~55.5
Peak Gain (dBic)	~2.2
Average Gain (dB)	~-2.6
Impedance	50
Axial Ratio (dB)	3 max
Radiation Pattern	Hemispherical
Polarization	RHCP

Antenna Measurement Conditions

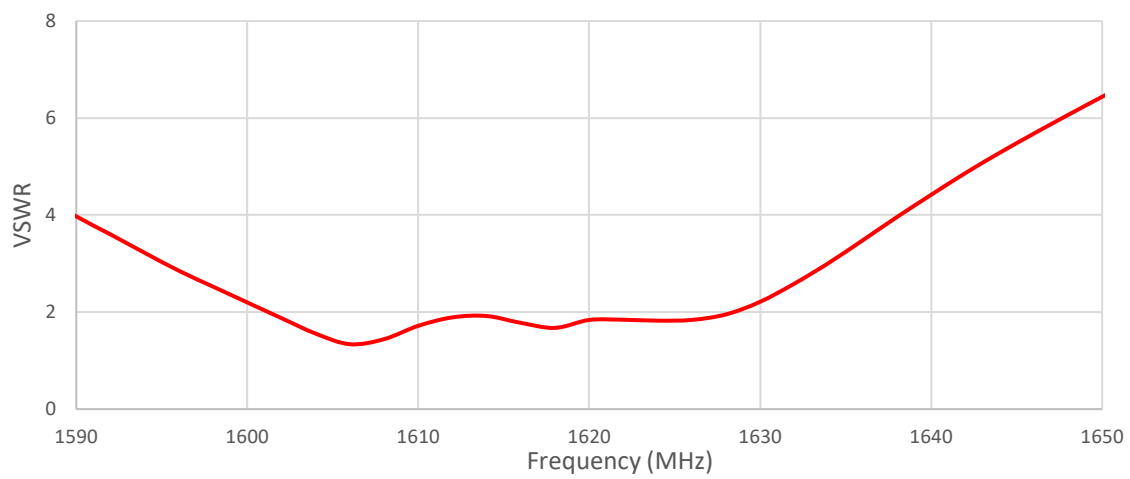
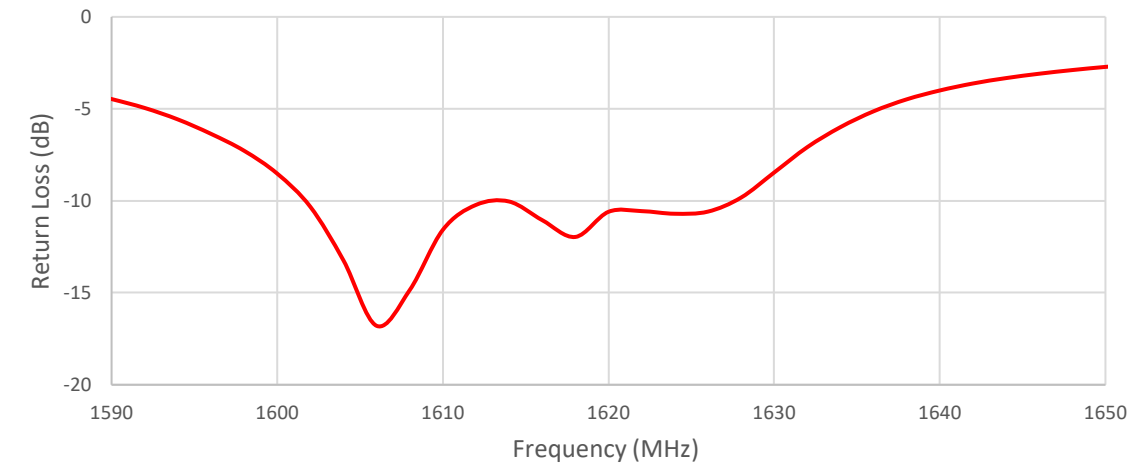
Mounted on Ground Plane of 70 x 70 mm

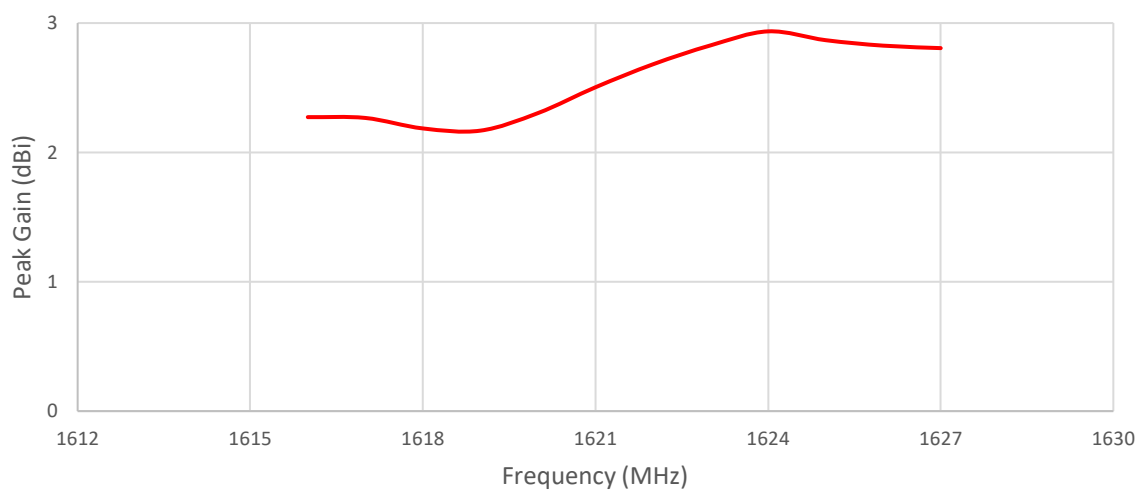
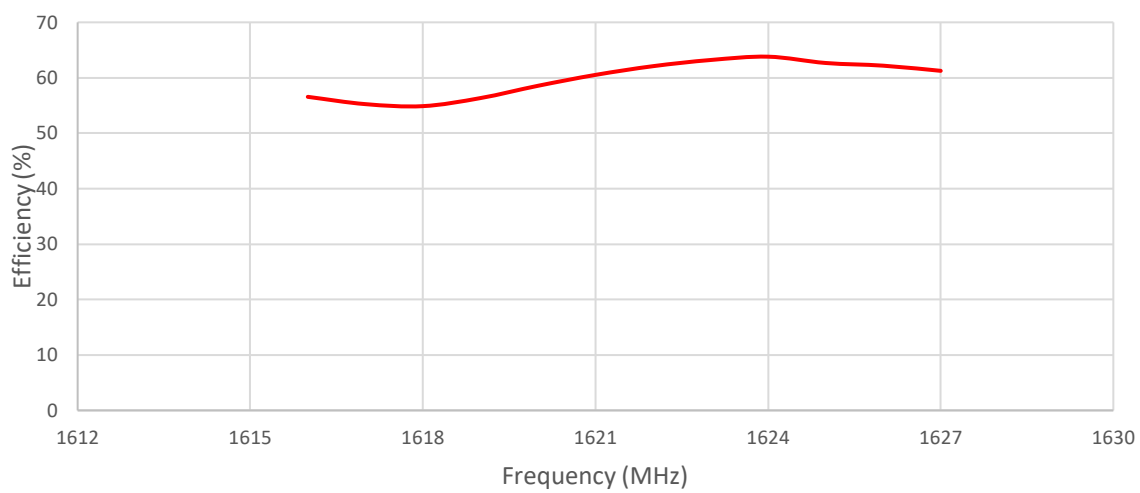
Measured in Certified CTIA 3D Anechoic Chamber

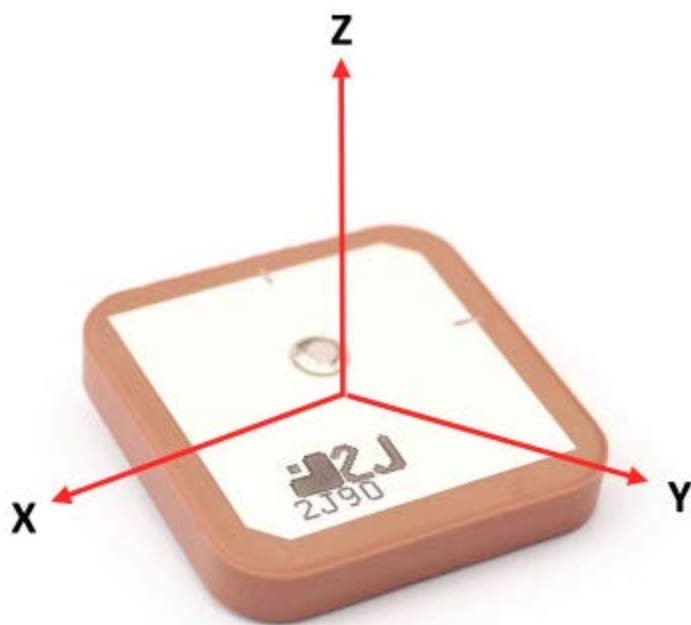
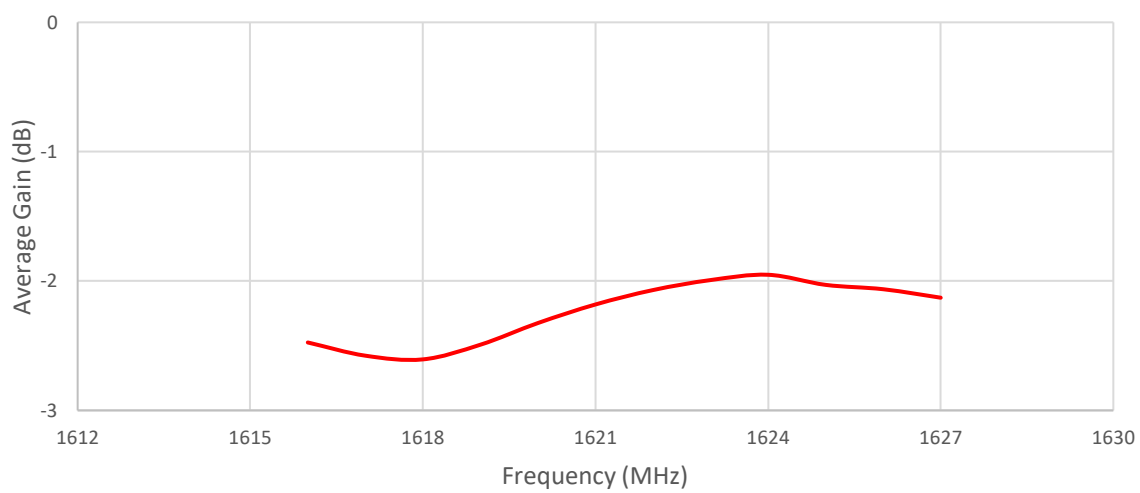
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Specification	2JCP2542601a_CU017570
Mounting Type	Thru-Hole Mount
Dimensions (mm)	25 x 25 x 4
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

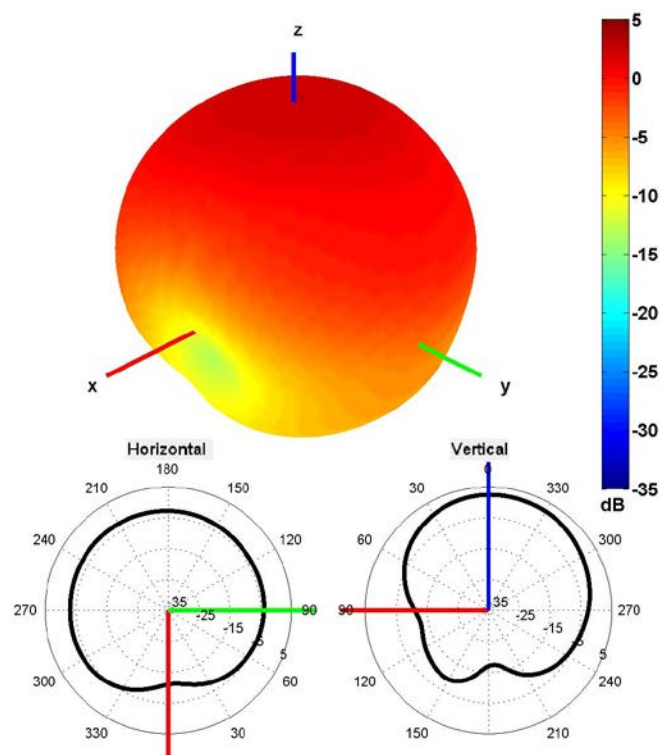
ANTENNA PARAMETERS







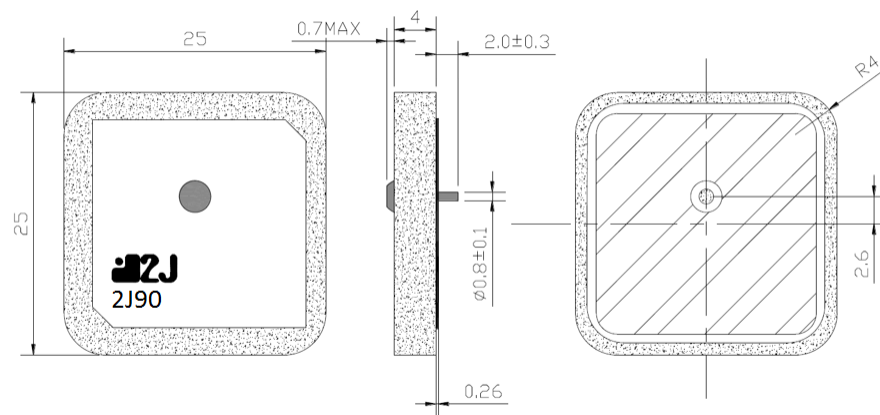
RADIATION PATTERN REFERENCE



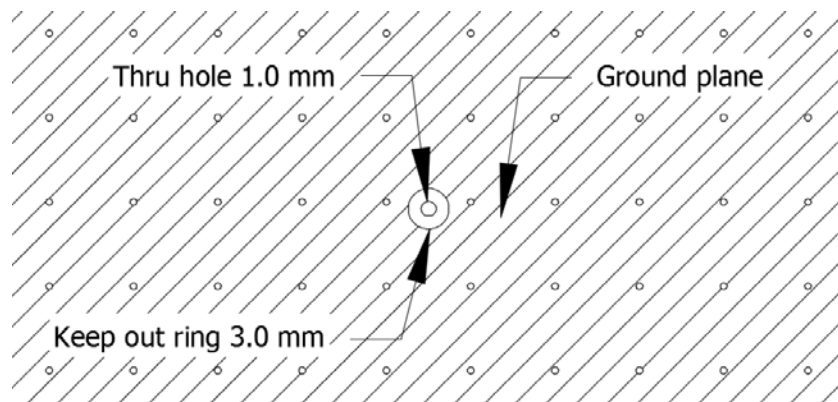
1621 MHz RADIATION PATTERN

ANTENNA DRAWINGS

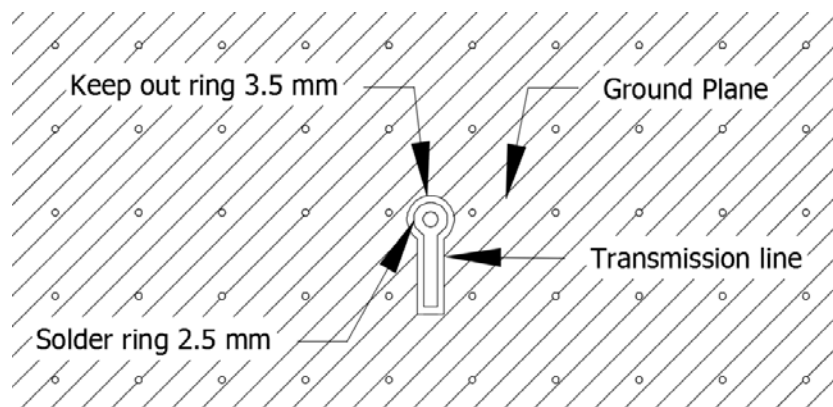
Patch dimensions



Layout for top layer



Layout for bottom layer



ANTENNA IMAGES

