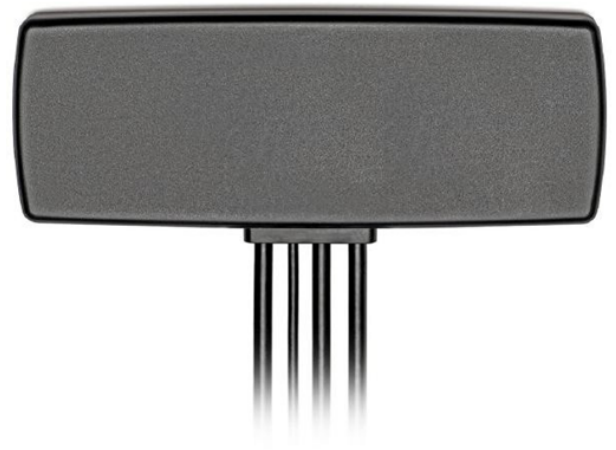


2J4A02Pb-300D302- C910GYST_C910GYST_C910GYST_CU004739

2.4/5.0/6.0 GHz ISM MIMO Adhesive Mount



FEATURES

Adhesive Mount
High Performance
Ground Plane Independent
Cable 1 to 3: 2.4/5.0/6.0 GHz ISM (2410-2490 and 4920-7125 MHz)
Dimensions: 61.8 x 155.6 x 17.0 mm
Certificates: IP67, IP69, Vibration
Customized Cable and Connector

ANTENNA AND ELECTRICAL SPECIFICATIONS

Cable 1 (WiFi6E-1)	2.4/5.0/6.0 GHz ISM Antenna		
Standards	WiFi, BT, ZigBee, ISM, SigFox, LoRa		
Band (MHz)	2.4 GHz	5.0 GHz	6.0 GHz
Frequency (MHz)	2410-2490	4920-5925	5925-7125
Return Loss (dB)	~-14.6	~-15.6	~-11.5
VSWR	~1.5	~1.5	~2.0
Efficiency (%)	~33.5	~25.2	~18.5
Peak Gain (dBi)	~1.2	~1.4	~1.3
Average Gain (dB)	~-4.8	~-6.0	~-7.3
Impedance (Ohm)	50		
Polarization	Linear		
Radiation Pattern	Omni-Directional		
Max Input Power (W)	25		
Connector Type	SMA-Male-RP		
Cable Length	300cm		
Cable Type	Dacar 302		

Cable 2 (WiFi6E-2)	2.4/5.0/6.0 GHz ISM Antenna		
Standards	WiFi, BT, ZigBee, ISM, SigFox, LoRa		
Band (MHz)	2.4 GHz	5.0 GHz	6.0 GHz
Frequency (MHz)	2410-2490	4920-5925	5925-7125
Return Loss (dB)	~-15.4	~-17.0	~-13.9
VSWR	~1.4	~1.4	~1.7
Efficiency (%)	~35.6	~19.7	~15.7
Peak Gain (dBi)	~1.0	~0.7	~2.1
Average Gain (dB)	~-4.5	~-7.1	~-8.0
Impedance (Ohm)	50		
Polarization	Linear		
Radiation Pattern	Omni-Directional		
Max Input Power (W)	10		
Connector Type	SMA-Male-RP		
Cable Length	300cm		
Cable Type	Dacar 302		

Cable 3 (WiFi6E-3)	2.4/5.0/6.0 GHz ISM Antenna		
Standards	WiFi, BT, ZigBee, ISM, SigFox, LoRa		
Band (MHz)	2.4 GHz	5.0 GHz	6.0 GHz
Frequency (MHz)	2410-2490	4920-5925	5925-7125
Return Loss (dB)	~-14.1	~-19.2	~-11.7
VSWR	~1.5	~1.3	~1.9
Efficiency (%)	~38.7	~24.3	~14.3
Peak Gain (dBi)	~0.5	~0.5	~-0.5
Average Gain (dB)	~-4.1	~-6.2	~-8.5
Impedance (Ohm)	50		
Polarization	Linear		
Radiation Pattern	Omni-Directional		
Max Input Power (W)	10		
Connector Type	SMA-Male-RP		
Cable Length	300cm		
Cable Type	Dacar 302		

Antenna Measurement Conditions

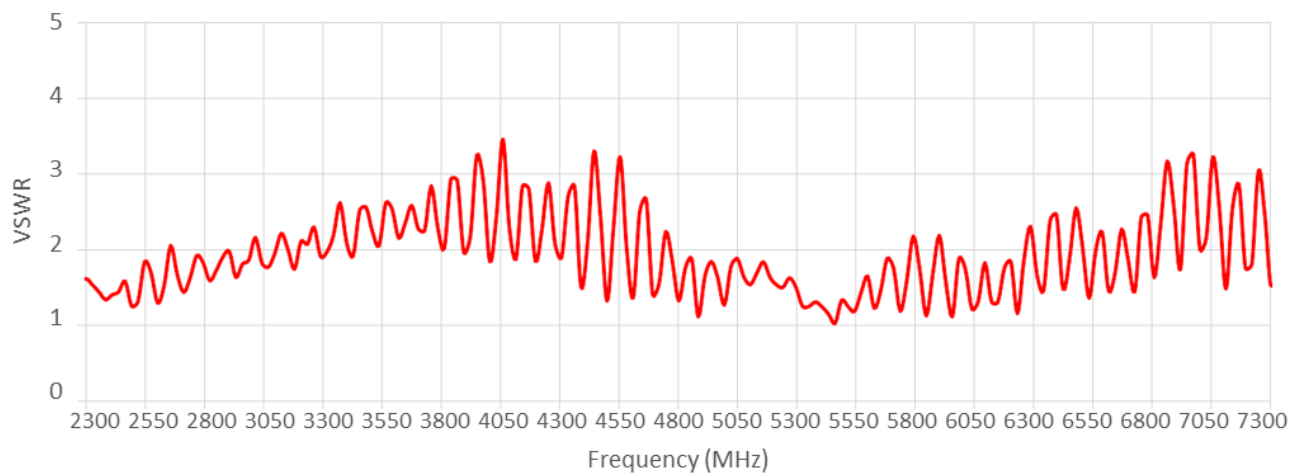
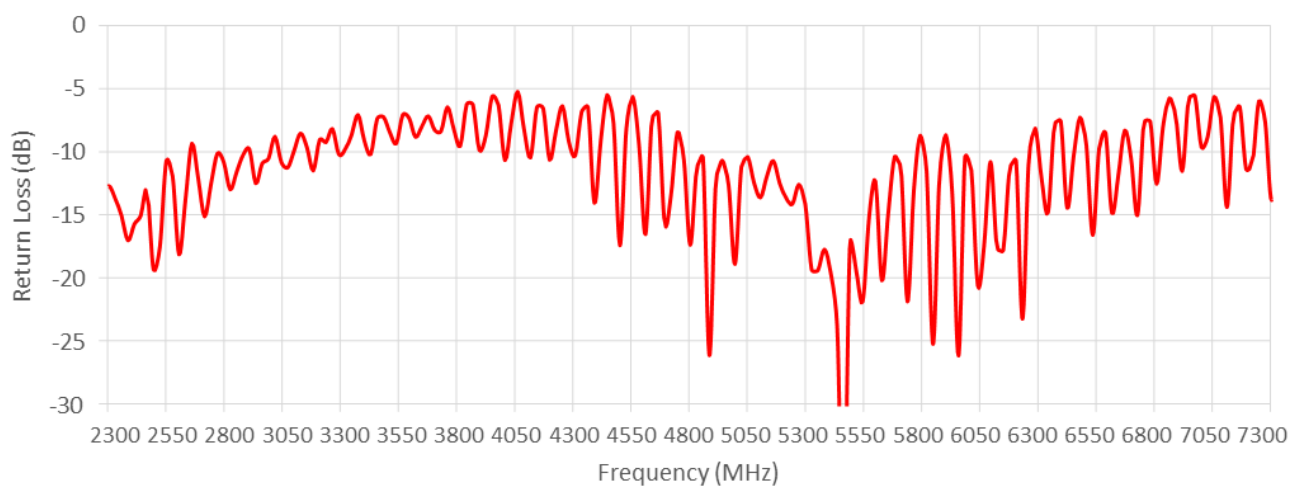
Mounted on Plastic Plate of 30 x 30 cm
300 cm Cable D302

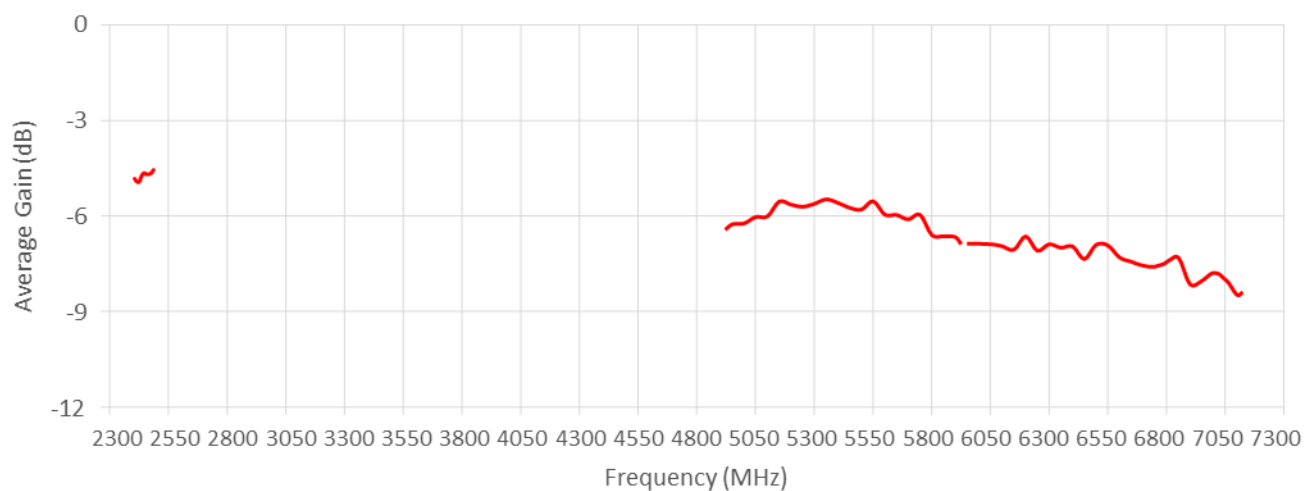
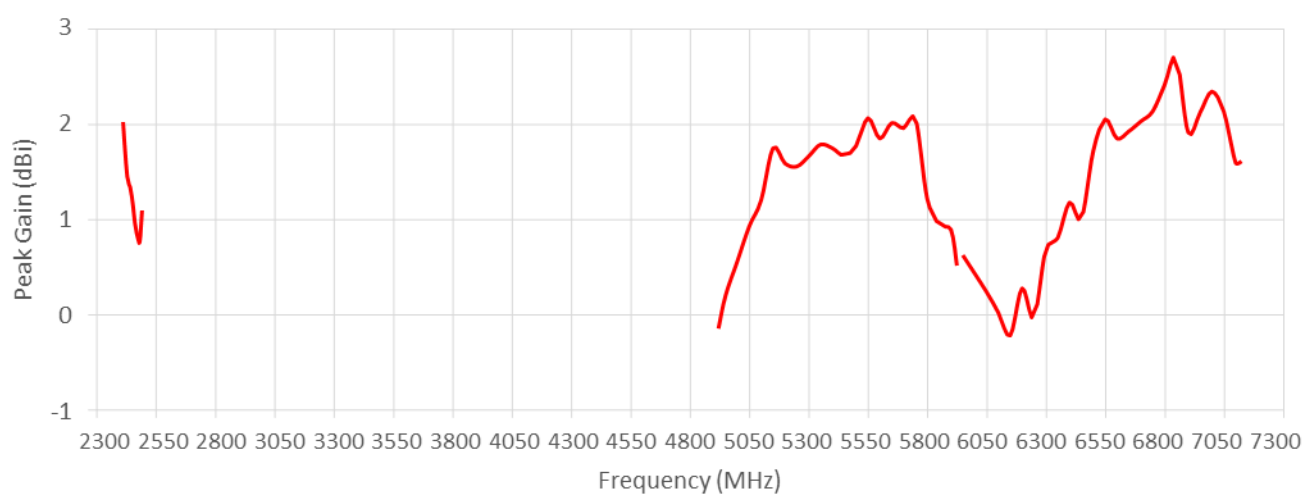
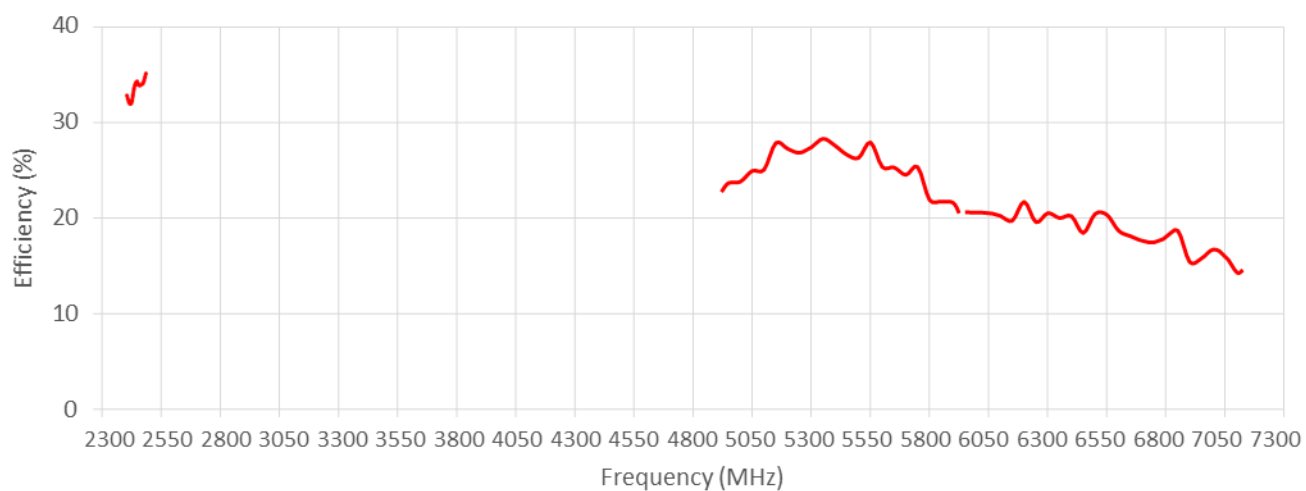
Measured in Certified CTIA 3D Anechoic Chamber

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

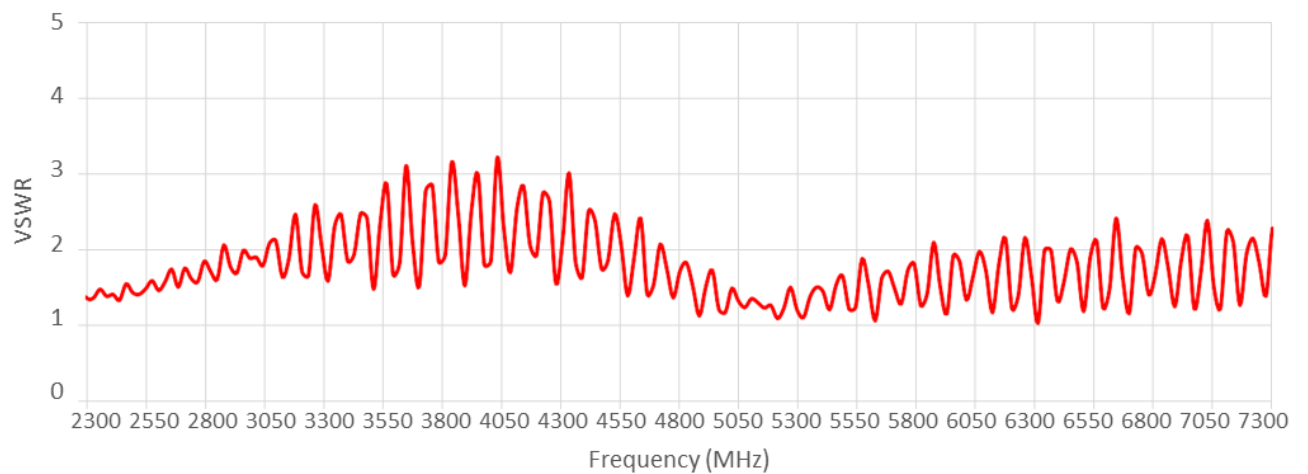
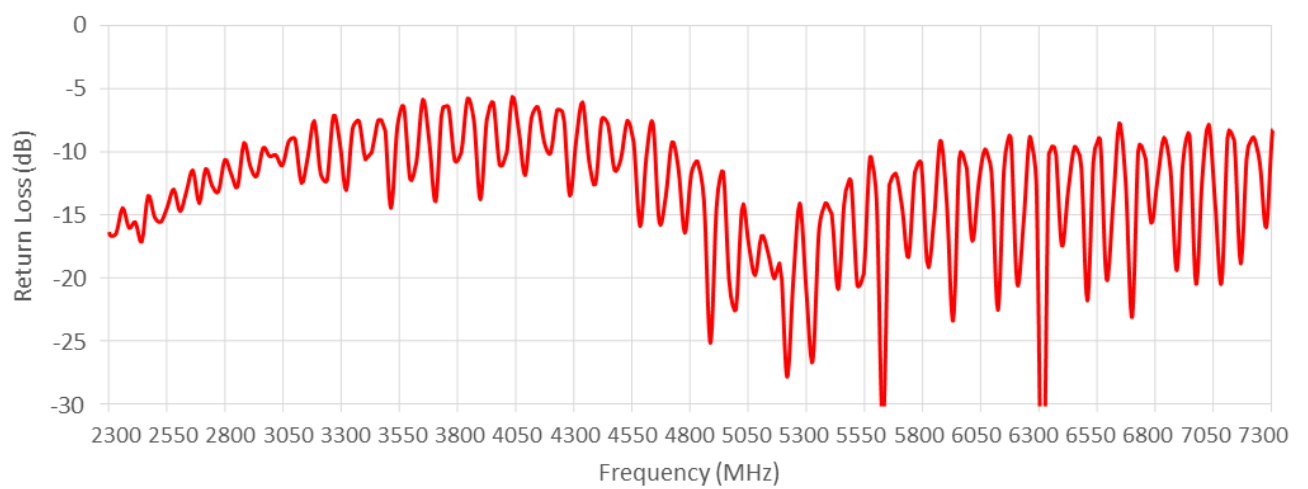
Specification	2J4A02Pb-300D302- C910GYST_C910GYST_C910GYST_CU004739
Mounting Type	Adhesive Mount
Dimensions (mm)	61.8 x 155.6 x 17.0
Radome Type	ASA UV Stable
Radome Color	Black
Antenna Base	ASA UV Stable
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Ingress Protection	IP67, IP69, Vibration
Substance Compliance	RoHS

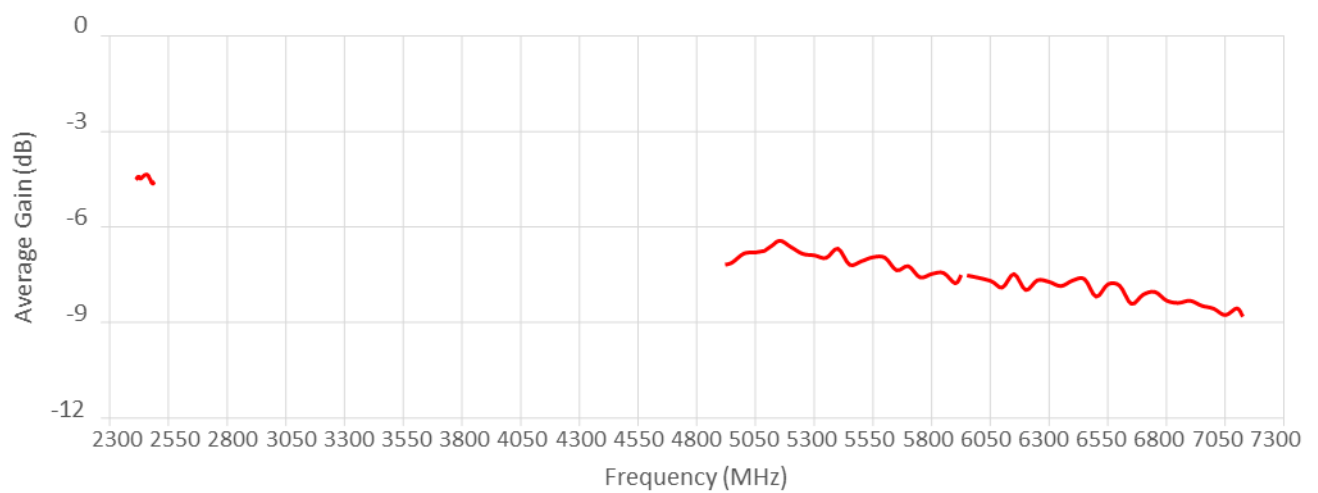
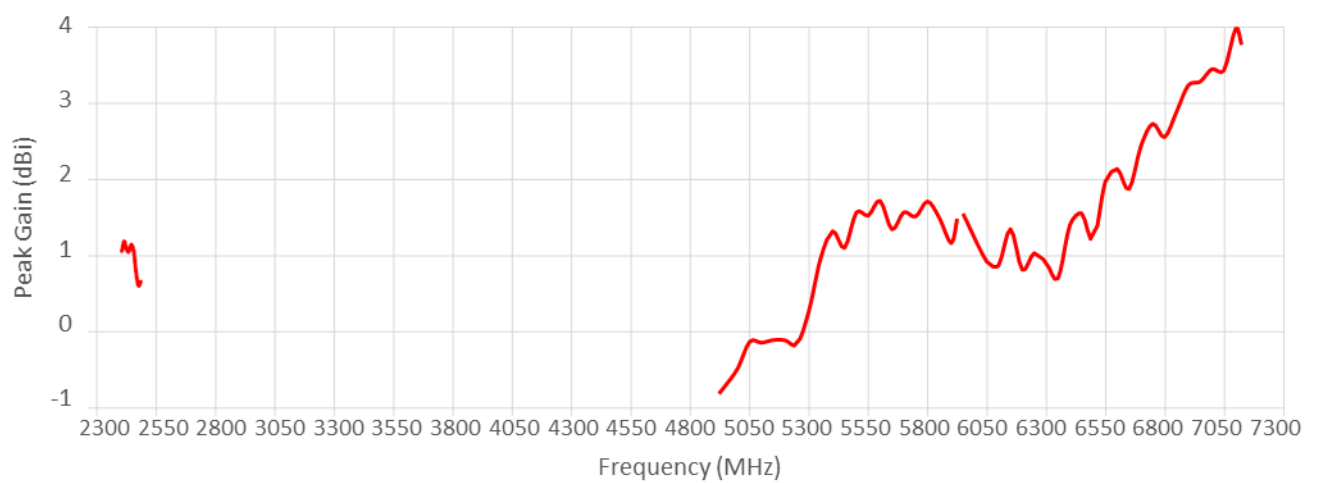
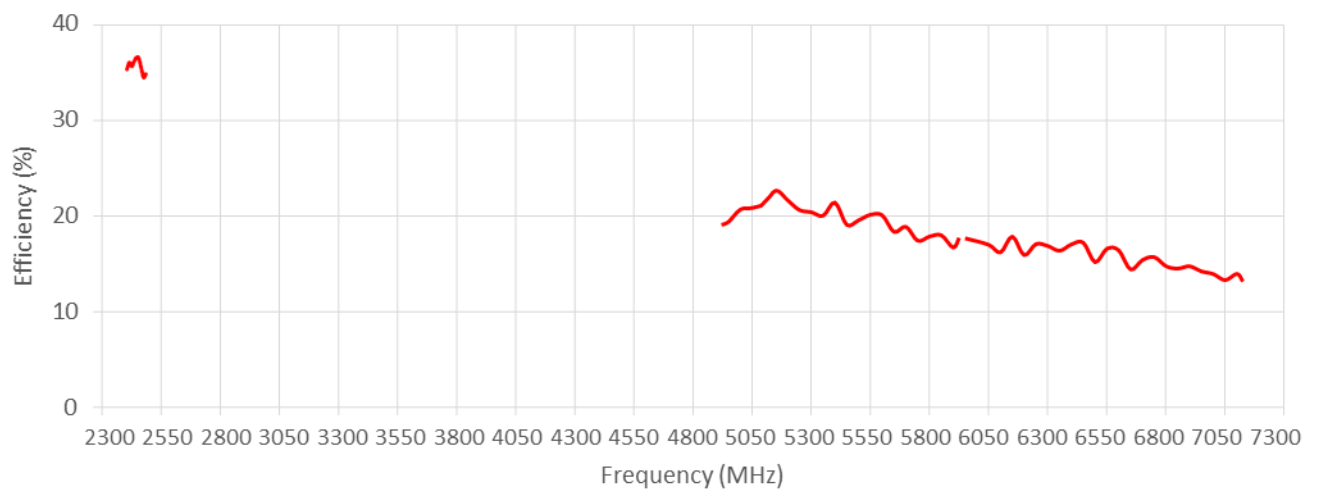
CABLE 1: 2.4/5.0/6.0 GHz ISM



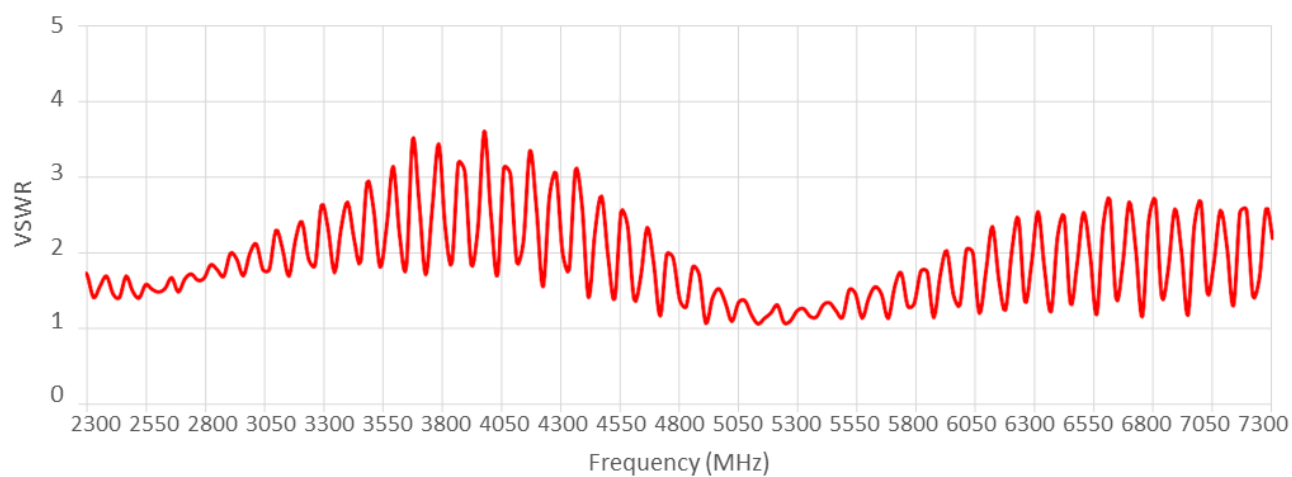
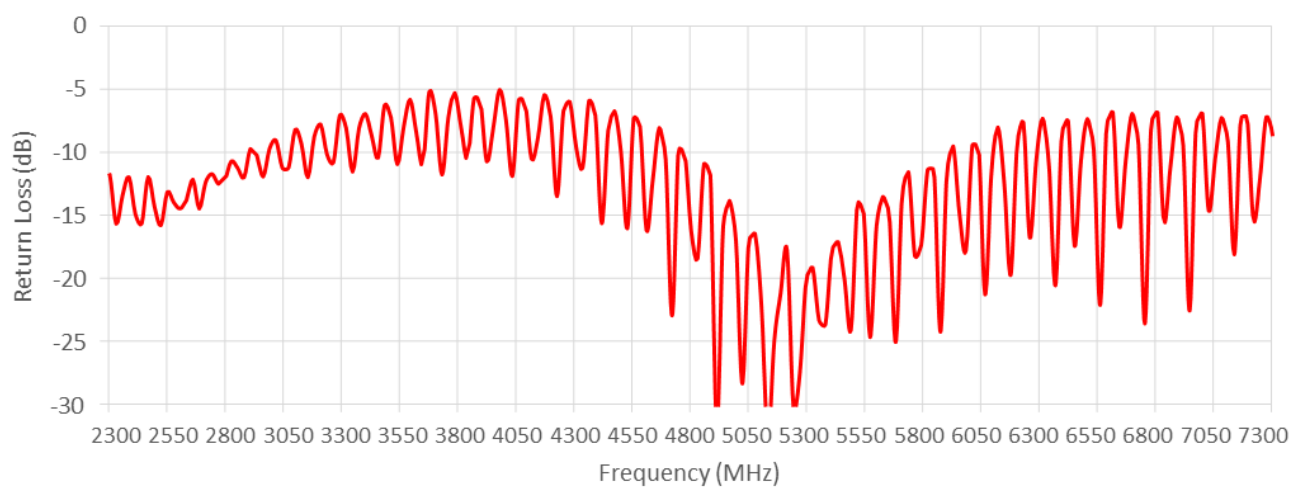


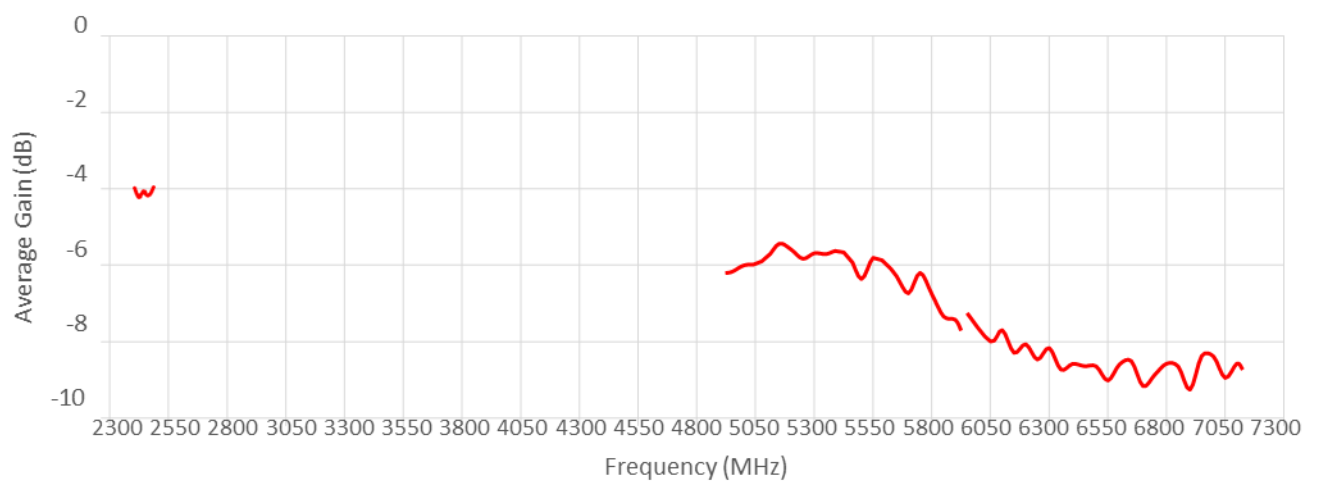
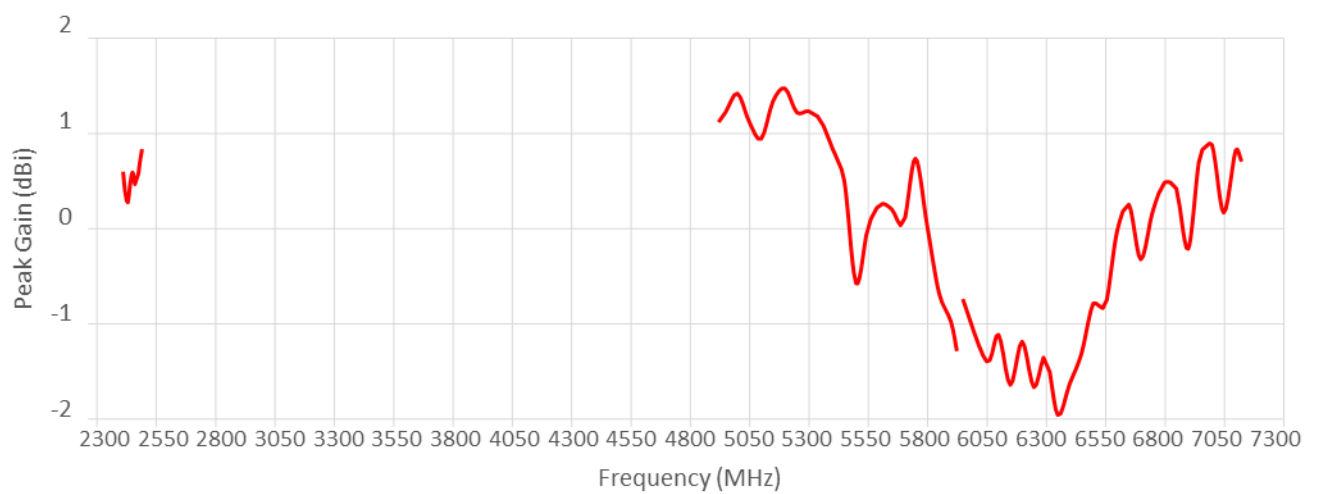
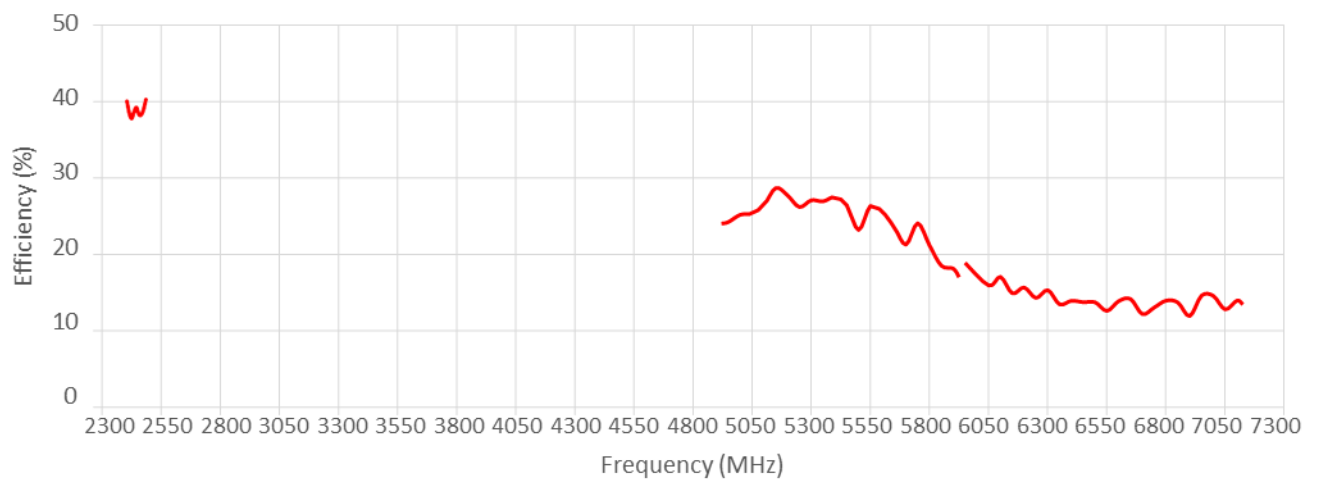
CABLE 2: 2.4/5.0/6.0 GHz ISM



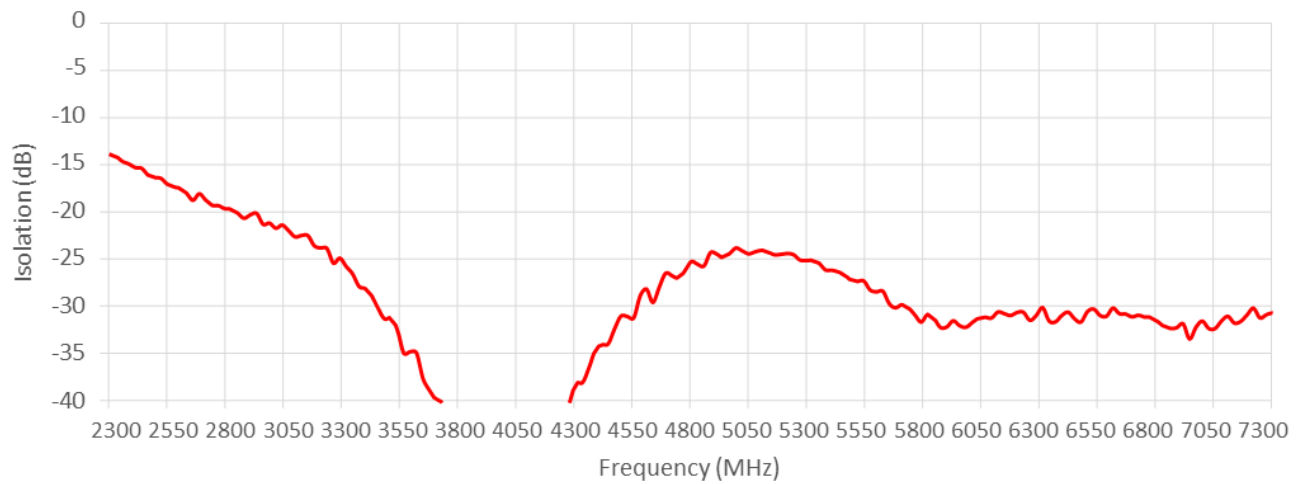


CABLE 3: 2.4/5.0/6.0 GHz ISM

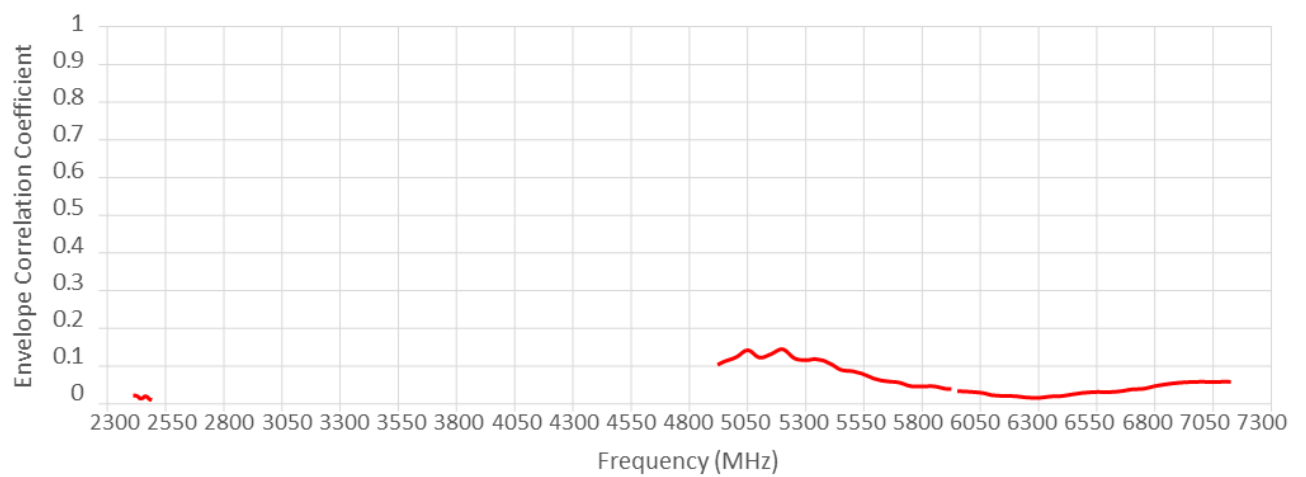




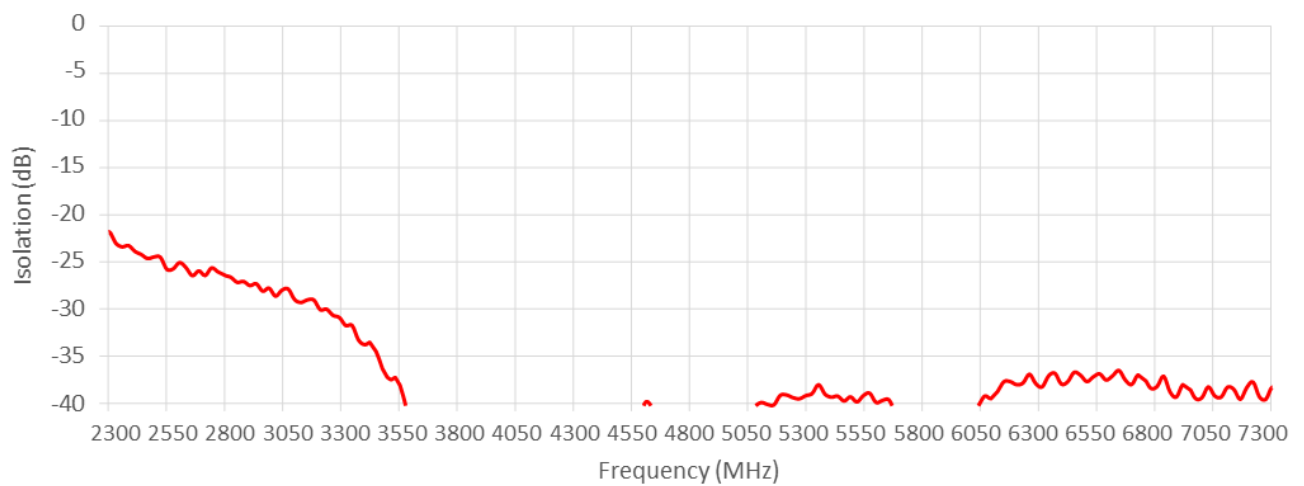
Isolation for Cables 1 and 2 (2.4/5.0/6.0GHz ISM)



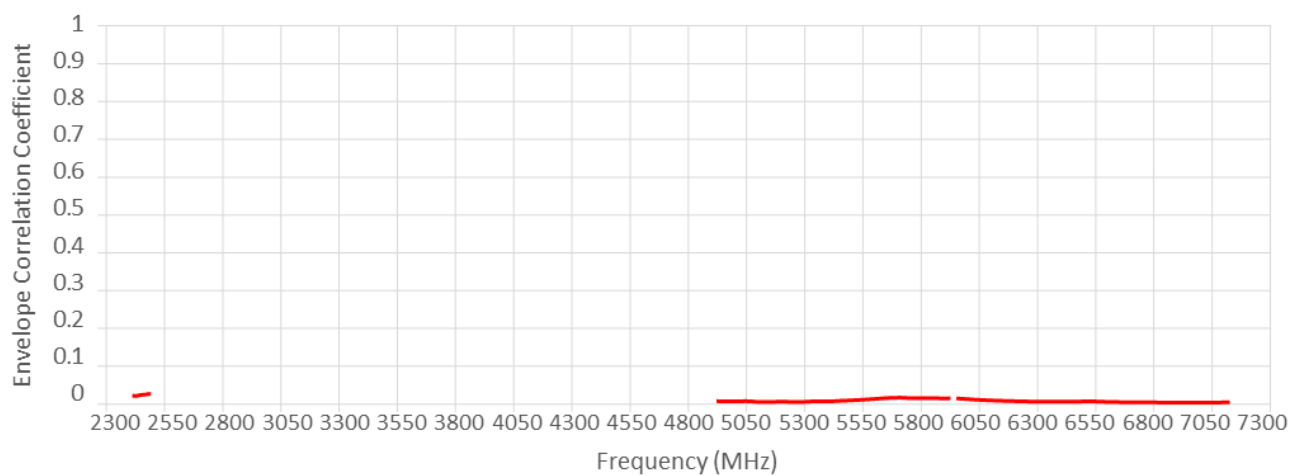
Envelope Correlation Coefficient for Cables 1 and 2 (2.4/5.0/6.0GHz ISM)



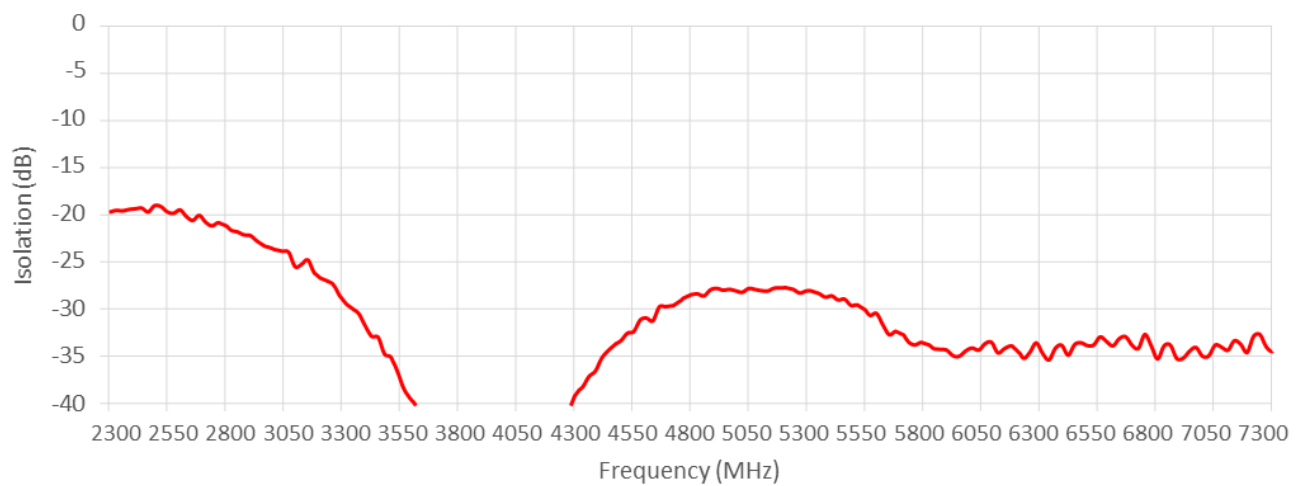
Isolation for Cables 1 and 3 (2.4/5.0/6.0 GHz ISM)



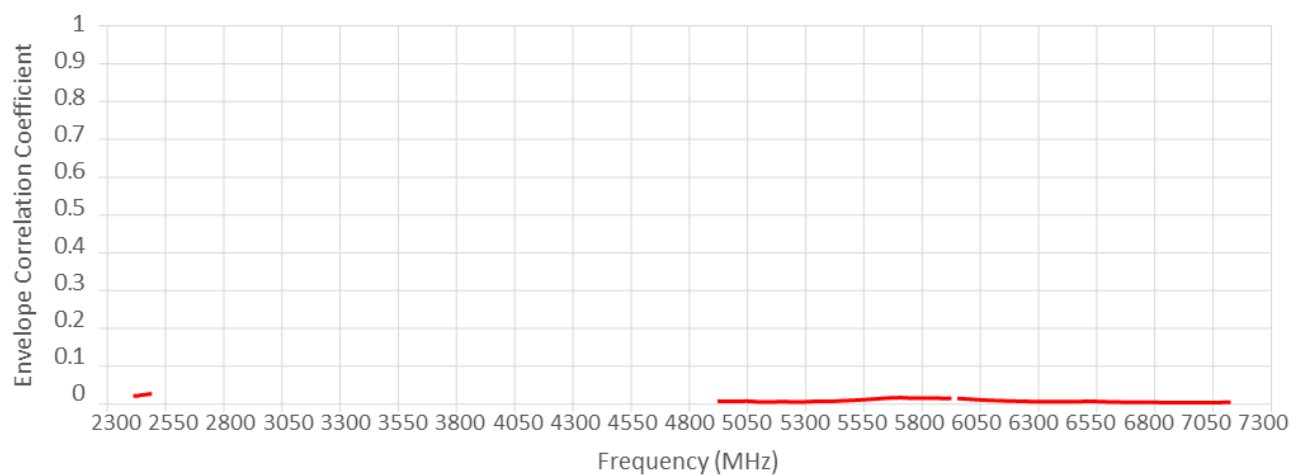
Envelope Correlation Coefficient for Cables 1 and 3 (2.4/5.0/6.0 GHz ISM)



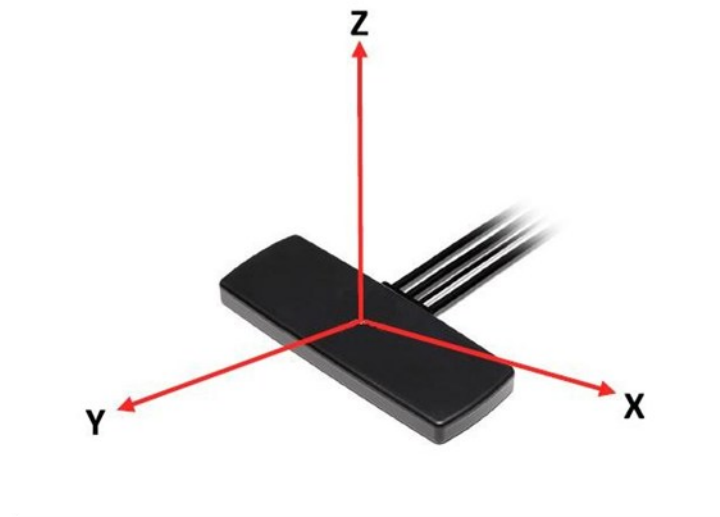
Isolation for Cables 2 and 3 (2.4/5.0/6.0 GHz ISM)



Envelope Correlation Coefficient for Cables 2 and 3 (2.4/5.0/6.0 GHz ISM)

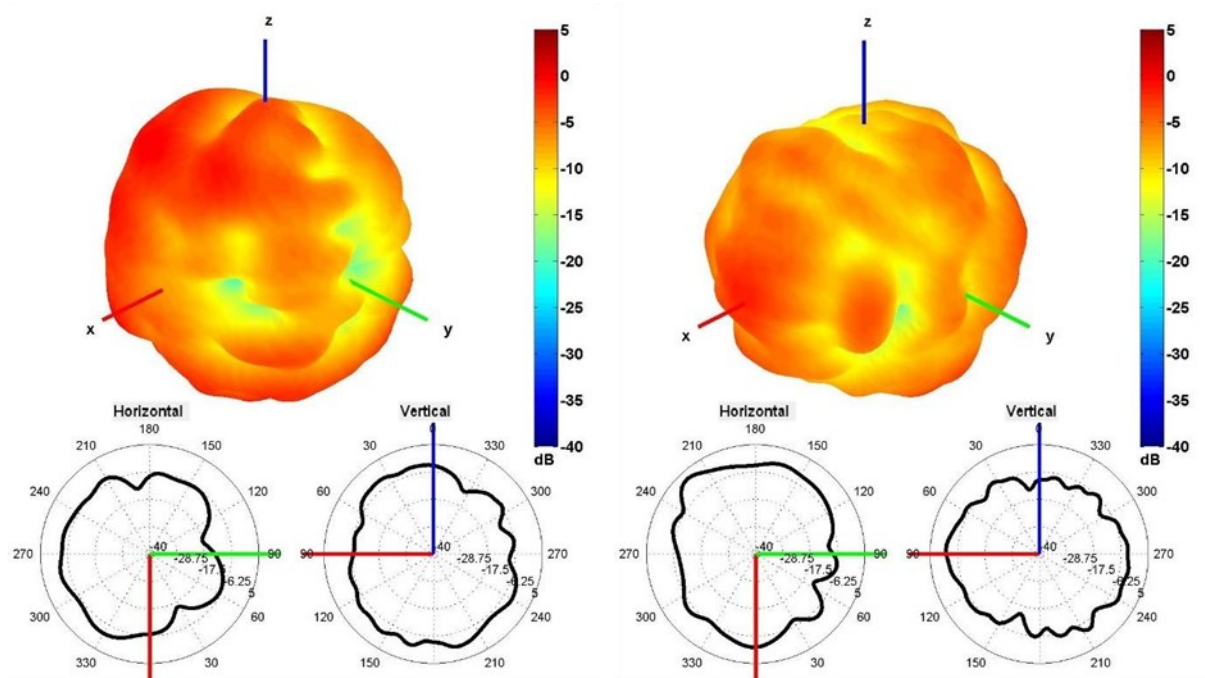


RADIATION PATTERNS

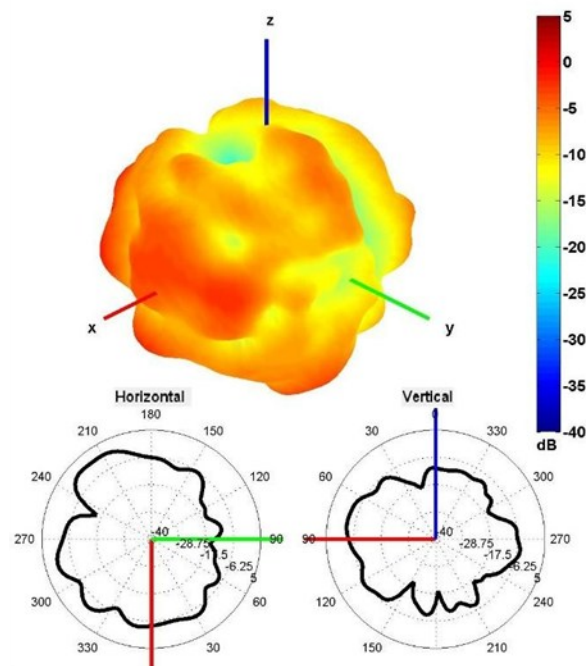


RADIATION PATTERN REFERENCE

CABLE 1: 2.4/5.0/6.0GHz ISM

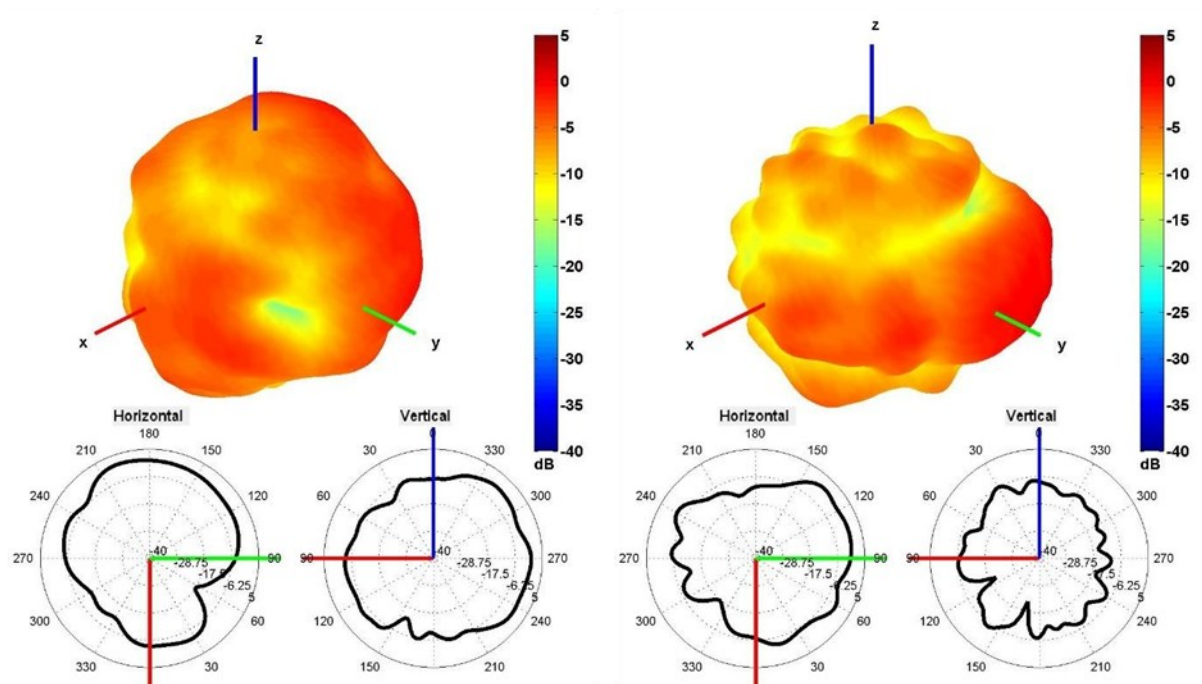


2450 AND 5500 MHz RADIATION PATTERN

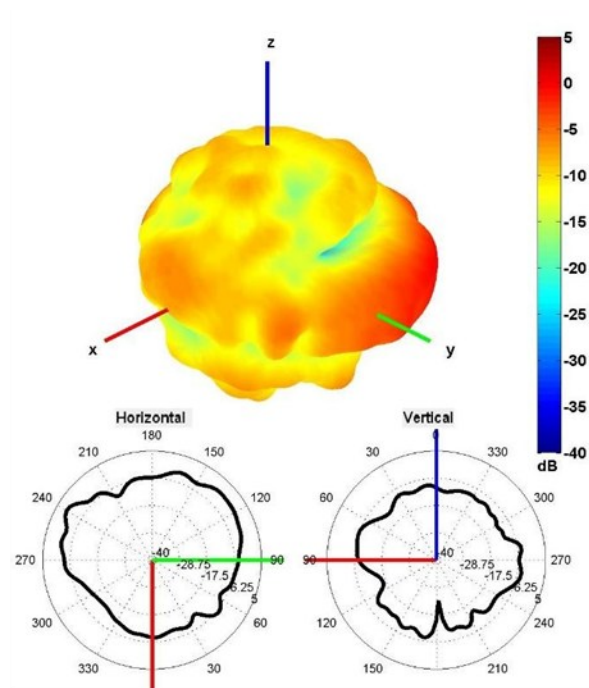


6500 MHz RADIATION PATTERN

CABLE 2: 2.4/5.0/6.0 GHz ISM

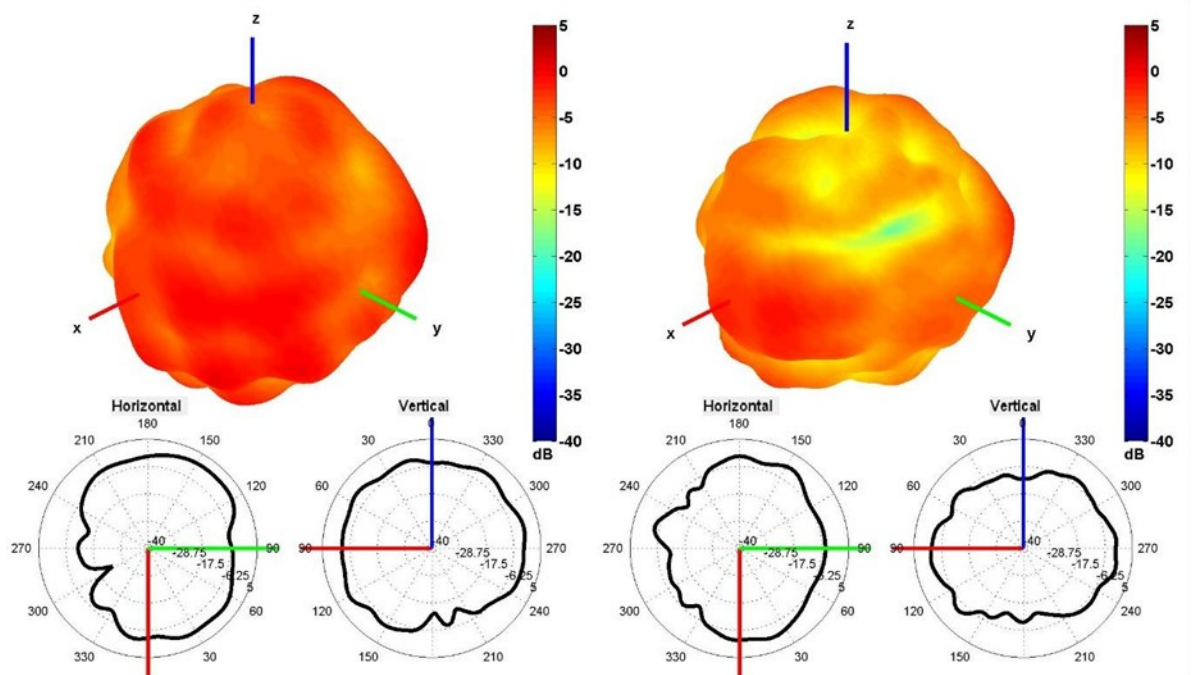


2450 AND 5500 MHz RADIATION PATTERN

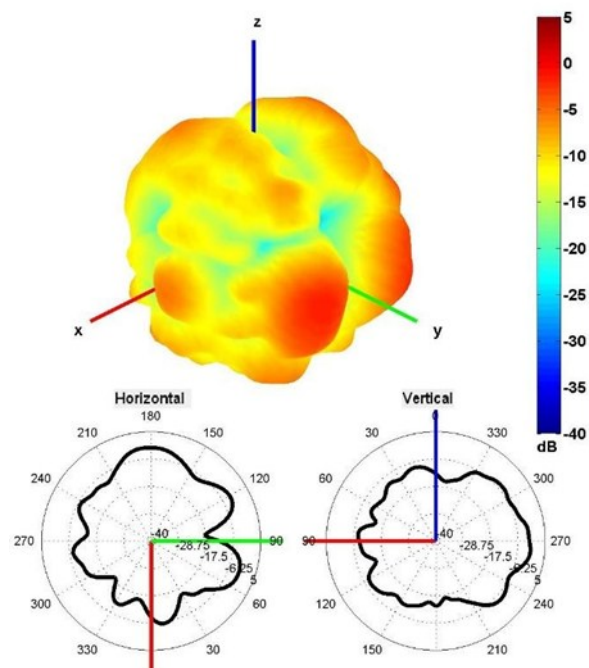


6500 MHz RADIATION PATTERN

CABLE 3: 2.4/5.0/6.0 GHz ISM

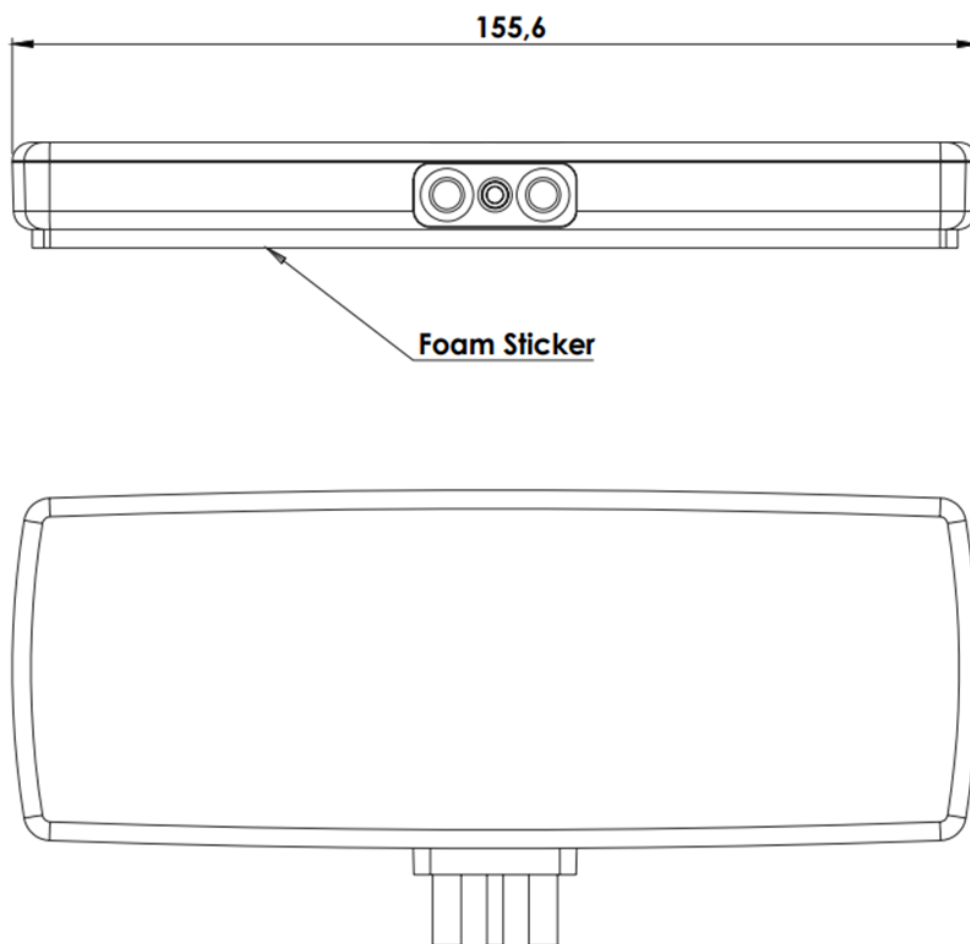


2450 AND 5500 MHz RADIATION PATTERN



6500 MHz RADIATION PATTERN

ANTENNA DRAWINGS



ANTENNA IMAGES

