

2JF0702P-008,5MC113-UFL_UP_ALAUSA

2.4/5.0 GHz ISM Flexible Polymer



FEATURES

- Self-Adhesive
- High Performance
- Ground Plane Independent
- 2.4/5.0 GHz ISM (2410-2490 and 4920-5925 MHz)
- 40 x 8 x 0.2 mm
- Customizable Cable and Connector

ANTENNA AND ELECTRICAL SPECIFICATIONS

Parameters	2.4/5.0 GHz ISM Antenna	
Standards	WiFi, BT, ZigBee, ISM, SigFox, LoRa	
Band (MHz)	2.4 GHz	5.0 GHz
Frequency (MHz)	2410-2490	4920-5925
Return Loss (dB)	~-7.5	~-12.5
VSWR	~1.2.5:1	~1.8:1
Efficiency (%)	~40	~50
Peak Gain (dBi)	~0.6	~1.5
Average Gain (dB)	~-3.9	~-3.0
Impedance (Ohm)	50	
Polarization	Linear	
Radiation Pattern	Omni-Directional	
Max Input Power (W)	25	
Connector Type	U.FL Standard	
Cable Length	85 mm Standard	
Cable Type	1.37 mm Standard	

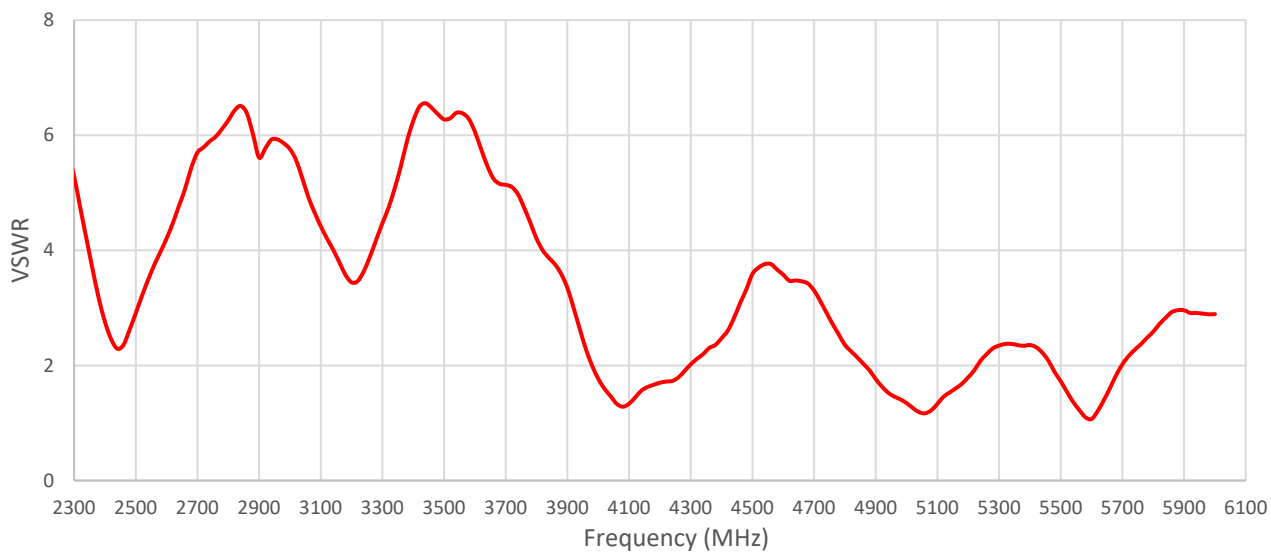
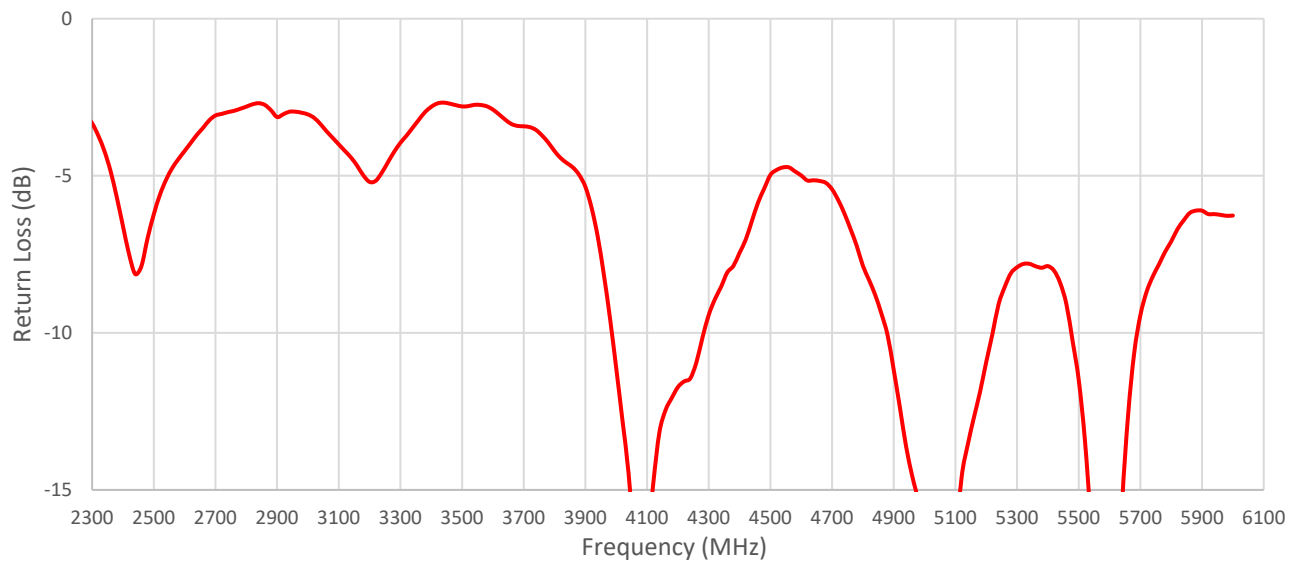
Antenna Measurement Conditions

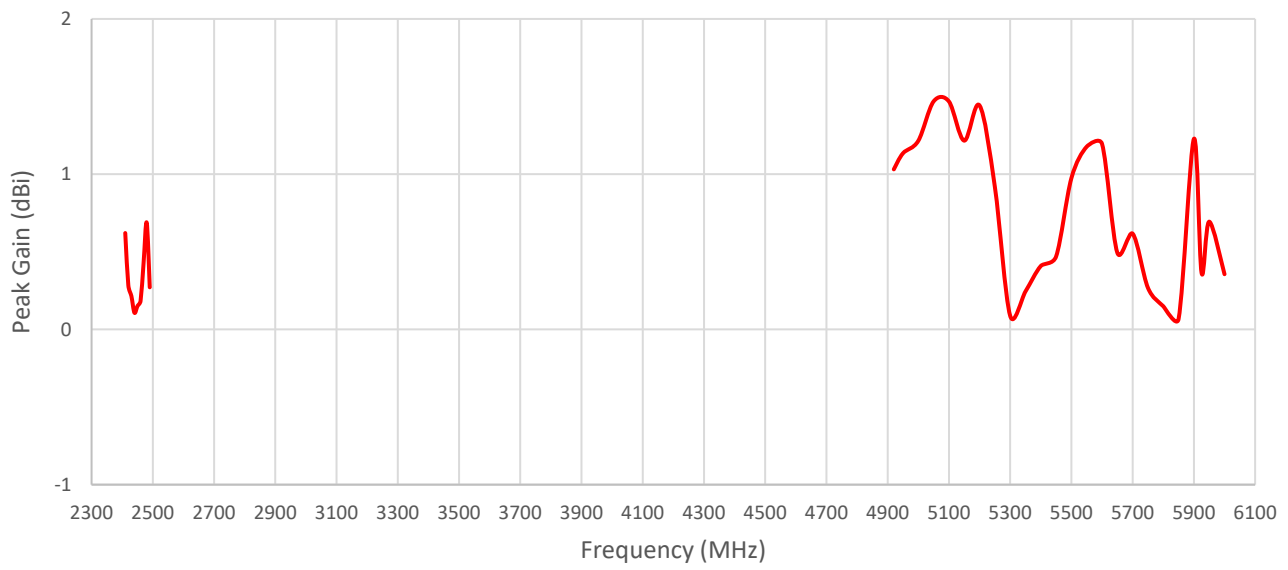
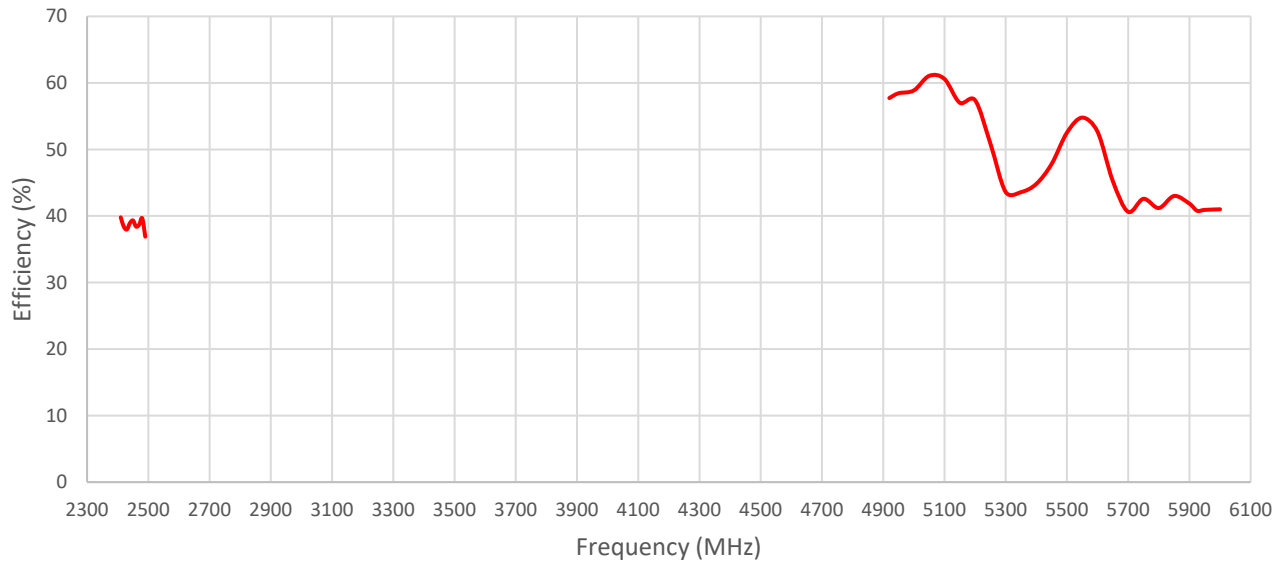
Mounted on VDB750 Device
Measured in Certified CTIA 3D Anechoic Chamber

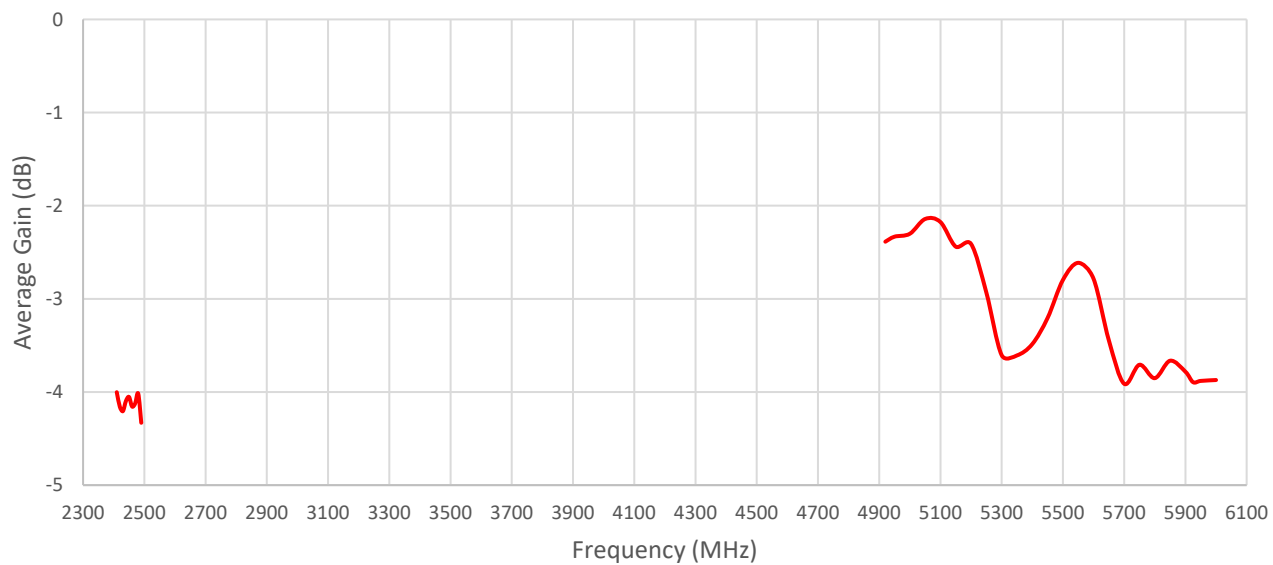
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Specifications	2JF0702P
Mounting Type	Self-Adhesive
Dimensions (mm)	40x 8 x 0.2 mm
Adhesive Type	3M 467
Material	Flexible Polymer
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

NTENNA PARAMETERS







ANTENNA DRAWINGS

