

## 2JF0602P-004,5MC113-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 4920-4925 MHz)
- 36 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)	~-10	~-11.5
VSWR	~1.9:1	~1.8:1
Efficiency (%)	~58	~60
Peak Gain (dBi)	~1.5	~1.5
Average Gain (dB)	~-2.3	~-2.3
Impedance (Ohm)	50	
Polarization	Linear	
Radiation Pattern	Omni-Directional	
Max Input Power (W)	25	
Connector Type	Most RF Connectors (U.FL Standard)	
Cable Length	Any Cable Length (100mm Standard)	
Cable Type	Other Cables Available (1.37mm Standard)	

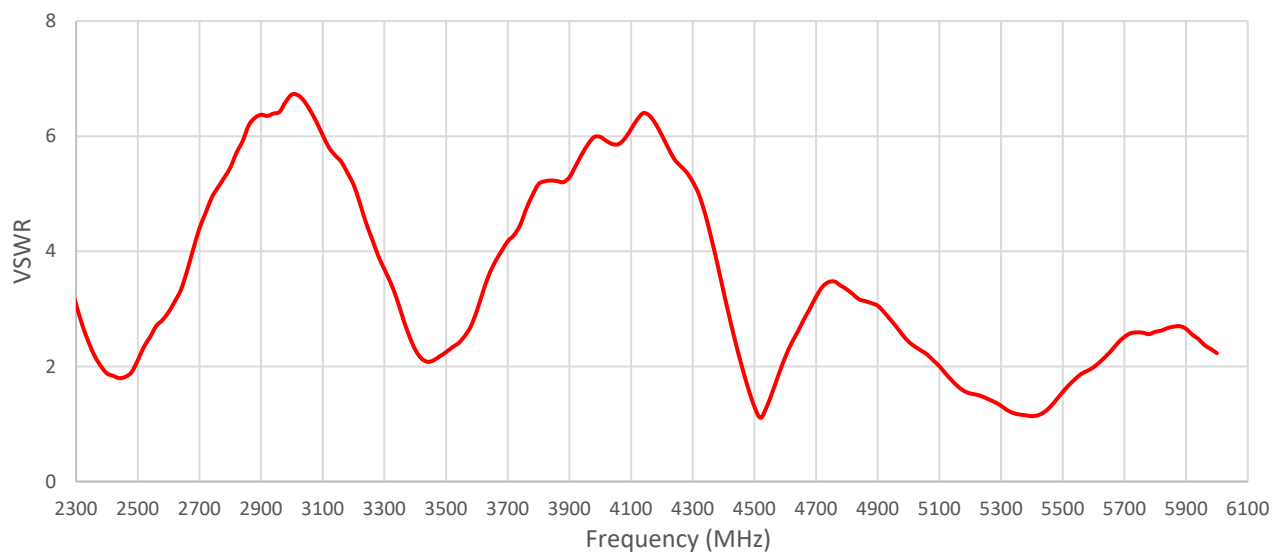
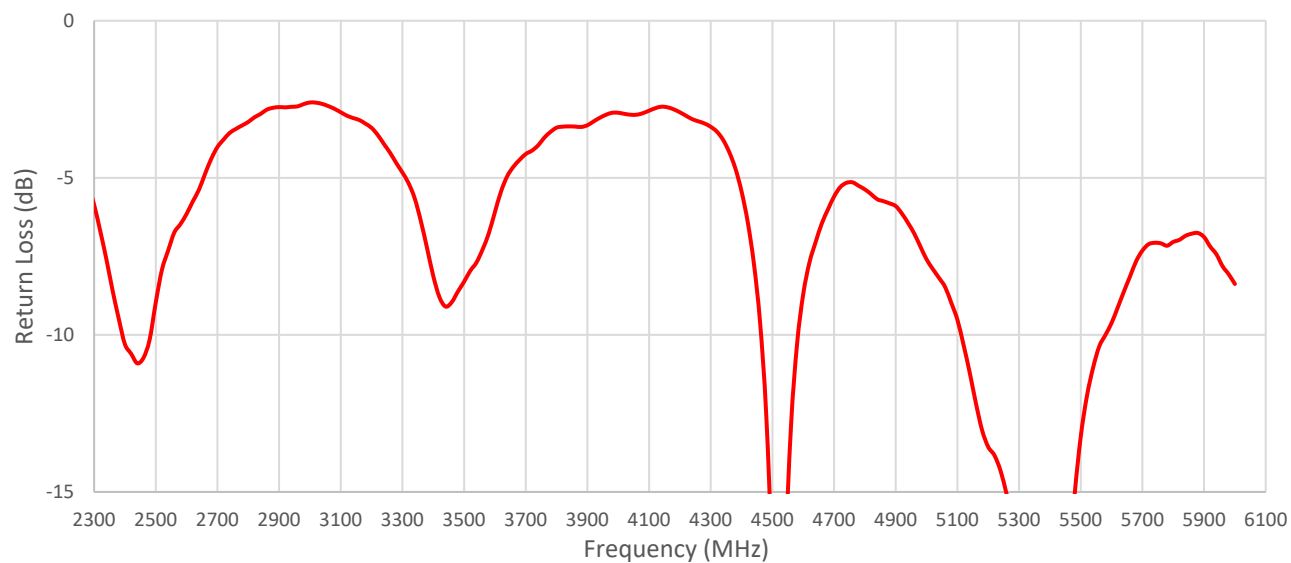
### Antenna Measurement Conditions

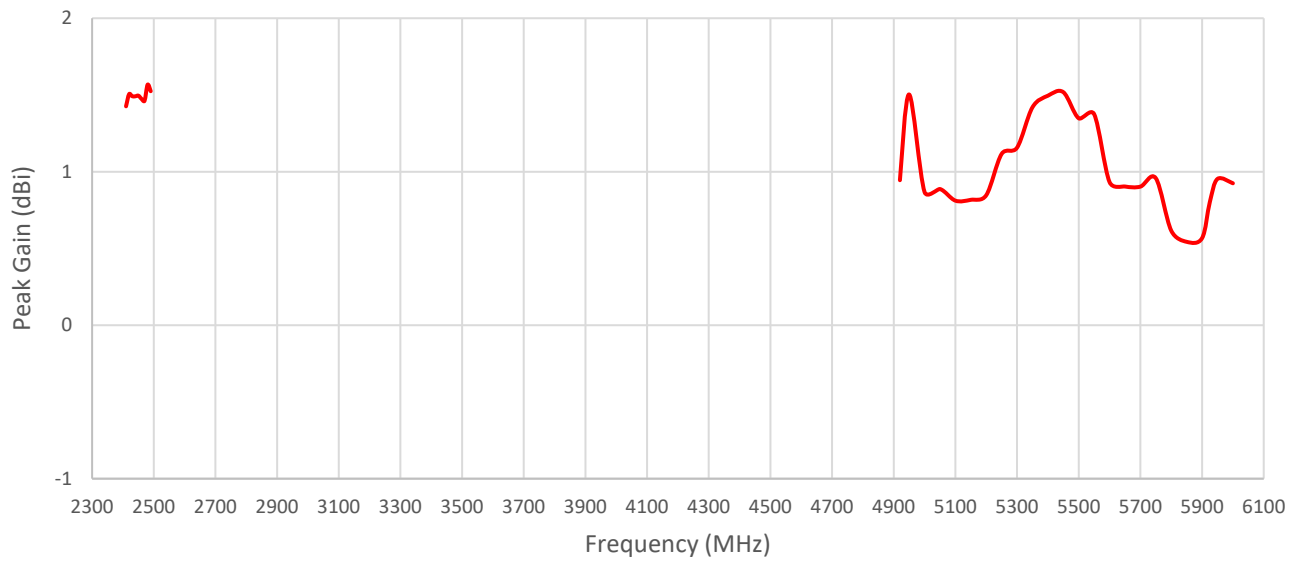
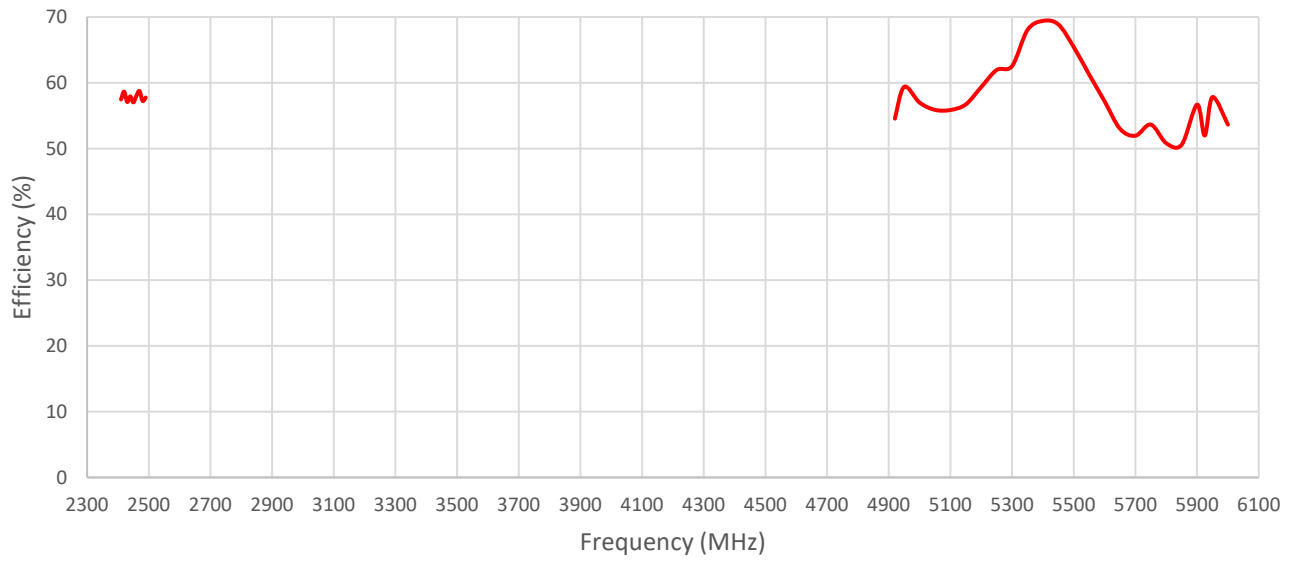
Mounted on VDB750 Device  
Measured in Certified CTIA 3D Anechoic Chamber

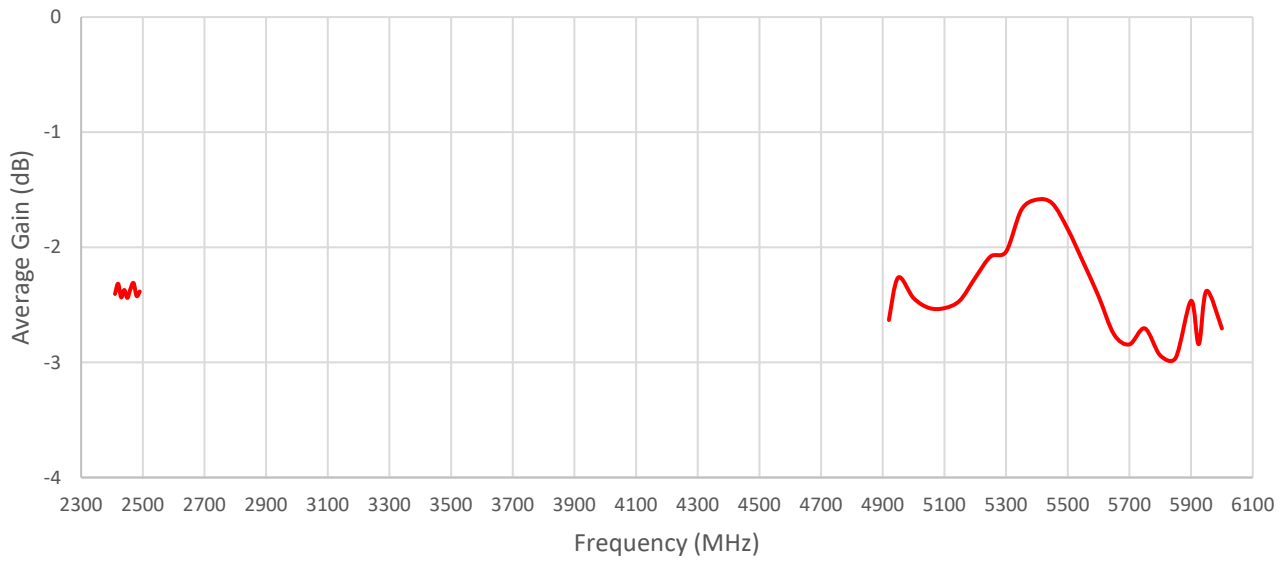
## MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Specifications	2JF0602P
Mounting Type	Self-Adhesive
Dimensions (mm)	36 x 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

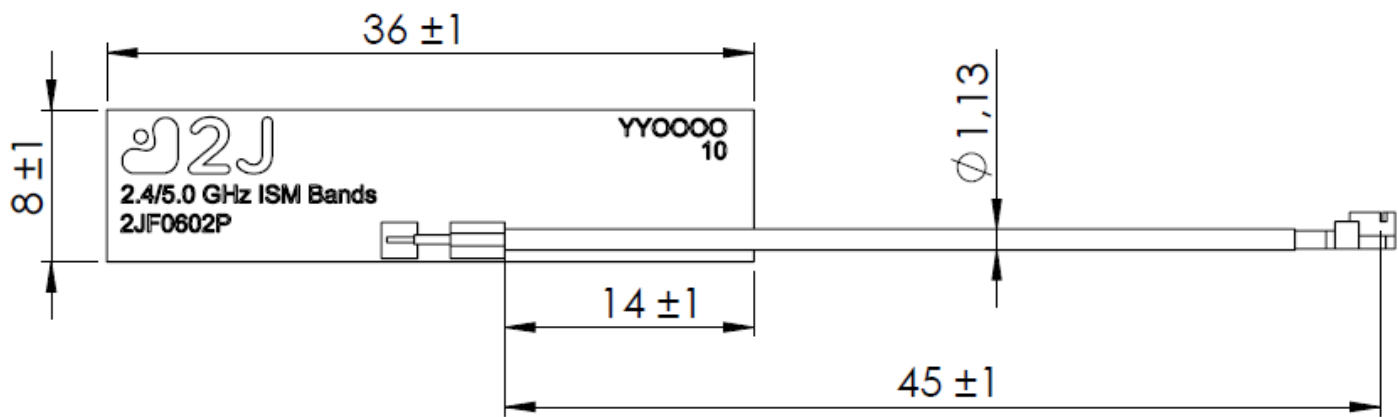
## ANTENNA PARAMETERS







### ANTENNA DRAWINGS



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