

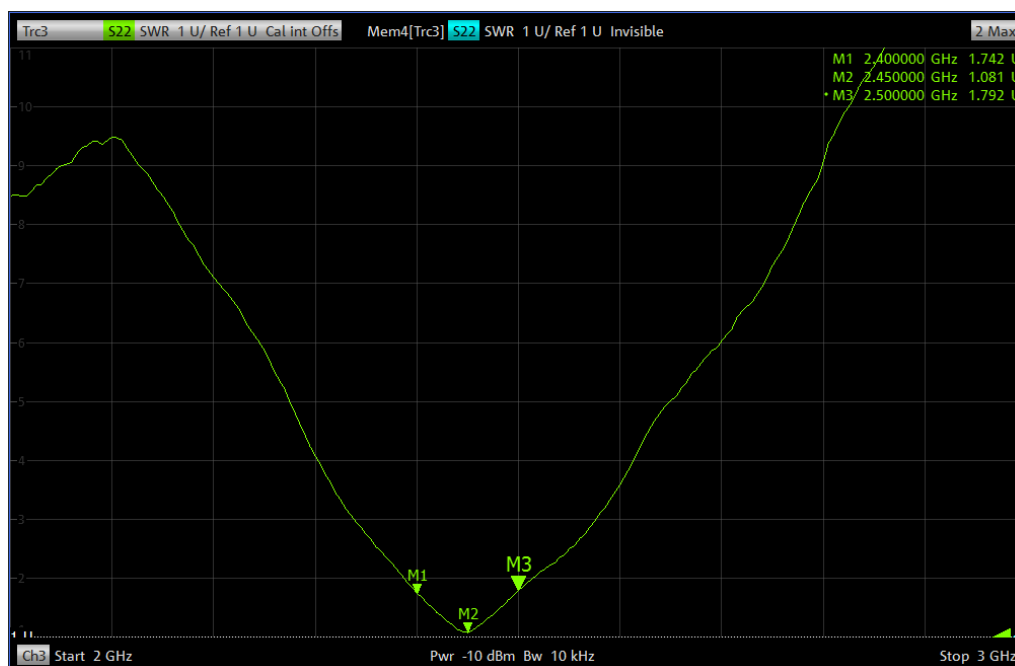
WIFI SMA ANTENNA



1. GENERAL SPECIFICATIONS

	RATED VALUE
Frequency Range	2400-2483.5 MHz
Polarization	Linear
Gain	5.0 dBi
V.S.W.R	< 2.0
Impedance	50 Ω
Connector	RP-SMA Male
Operating Temperature	-40 °C to +85 °C
IP rating	IP33
RoHS Compliant	v

2. VSWR

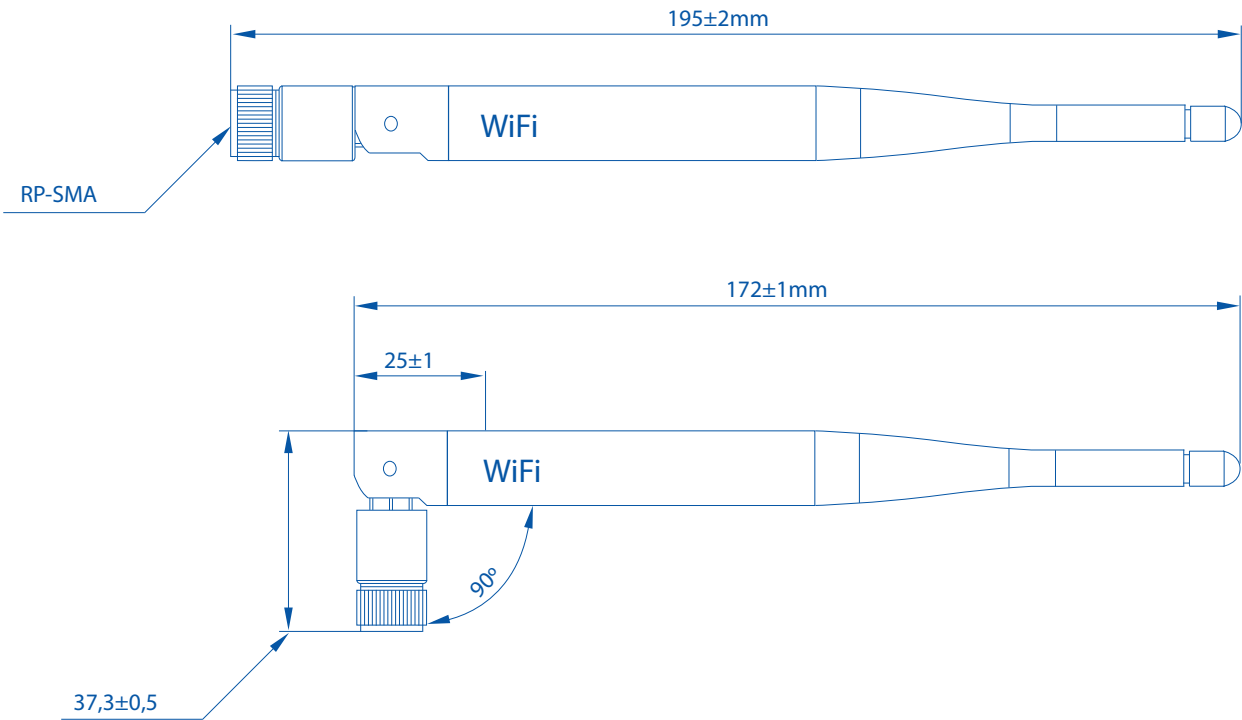


Frequency, MHz	VSWR
2400	2.50
2450	2.00
2500	2.50

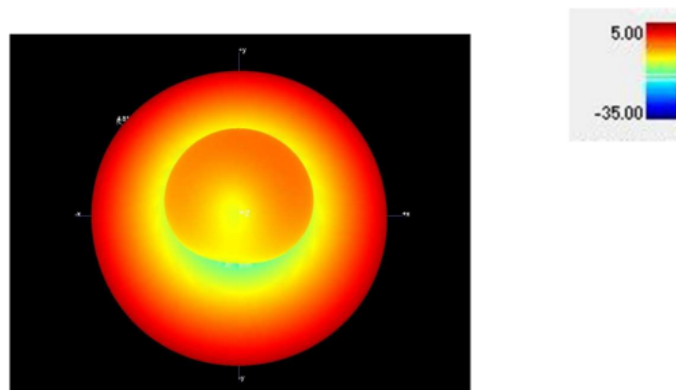
3. ANTENNA EFFICIENCY & PEAK GAIN

Frequency, MHz	Efficiency, dB	Efficiency, %	Peak Gain, dB
2400	-0.89	81.41	4.44
2450	-0.42	90.75	5.00
2500	-0.76	83.90	4.56

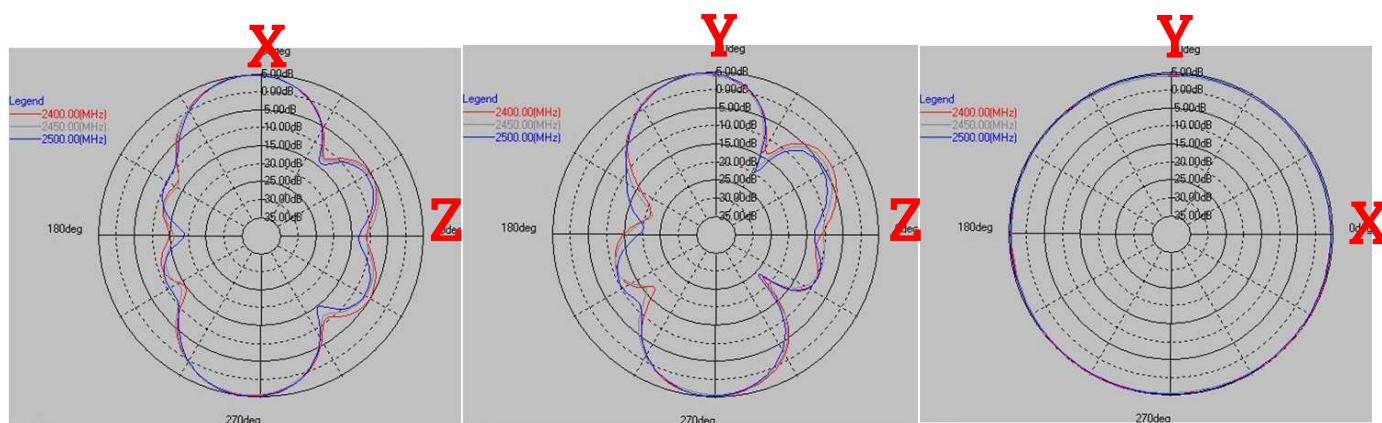
4. MECHANICAL PROPERTIES



5. ANTENNA 3D PATTERN



6. ANTENNA 2D RADIATION PATTERNS



Frequency, MHz	ZX plane		ZY plane		XY plane	
	Max Value, dBi	Average, dBi	Max Value, dBi	Average, dBi	Max Value, dBi	Average, dBi
2400	4.57	-1.32	4.44	-1.50	4.80	4.37
2450	4.37	-1.52	4.21	-1.77	4.55	4.21
2500	4.76	-1.45	4.60	-1.65	4.56	4.40