

1. SPECIFICATIONS

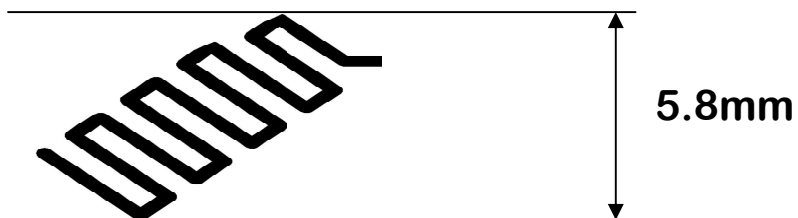
1.1. Electrical Specifications

ITEM	SPEC.	Unit
Frequency	2400-2485	MHz
Bandwidth @ VSWR 2.5:1	100	MHz
Max. Gain	0	dBi
Polarization	Linear	
Azimuth Beam Pattern	Omni-directional	
Impedance	50	Ω

1.2. Dimension

1.2.1 Patten Length : 27.5mm

1.2.2 Patten Width : 3mm

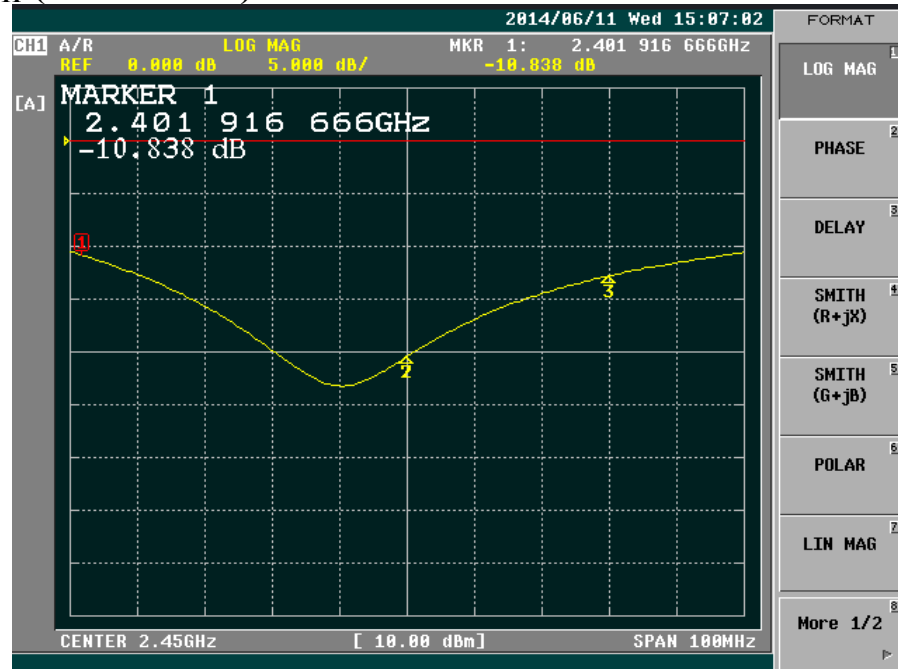


2. Manufacture by Ubi Mate

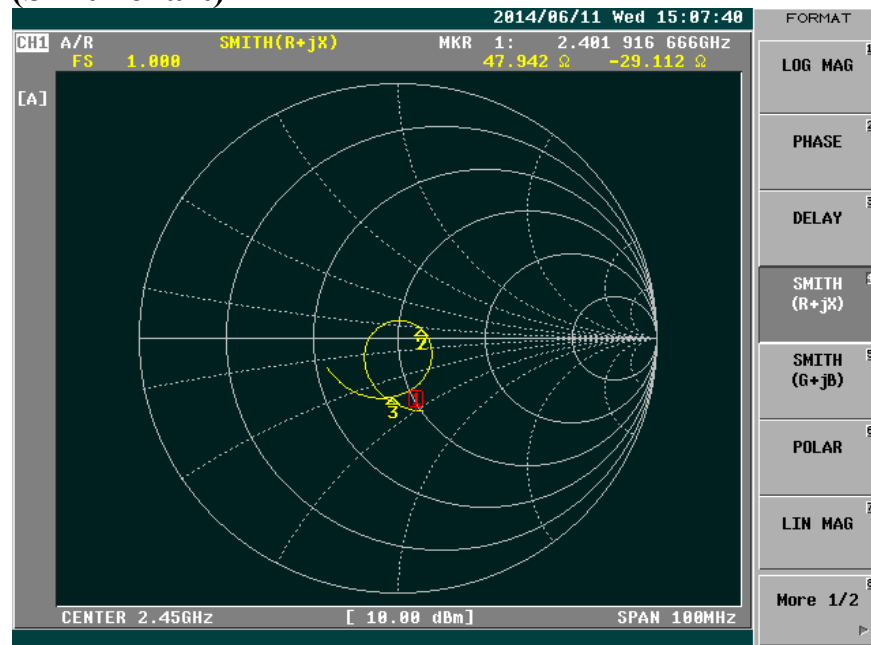
3. MEASUREMENT

3.1. Electrical Characteristic

3.1.1 S_{11} (Return Loss)



3.1.2. S_{11} (Smith chart)



4. Radiation Data

Frequency	Efficiency	Average Gain			Max Gain			Max Position	Directivity
		Ver	Hor	Total	Ver	Hor	Total		
2400 MHz	43.4 %	-9.4 dBi	-5.0 dBi	-3.6 dBi	-0.8 dBi	0.5 dBi	-0.3 dBi	Theta120/Pie165	4.71 dB
2442 MHz	44.4 %	-9.0 dBi	-5.0 dBi	-3.5 dBi	-0.3 dBi	0.4 dBi	0.0 dBi	Theta120/Pie165	5.05 dB
2485 MHz	31.0 %	-9.8 dBi	-6.9 dBi	-5.1 dBi	-1.1 dBi	-0.4 dBi	-0.1 dBi	Theta120/Pie150	5.32 dB

