



Chip Antenna Sample Specification

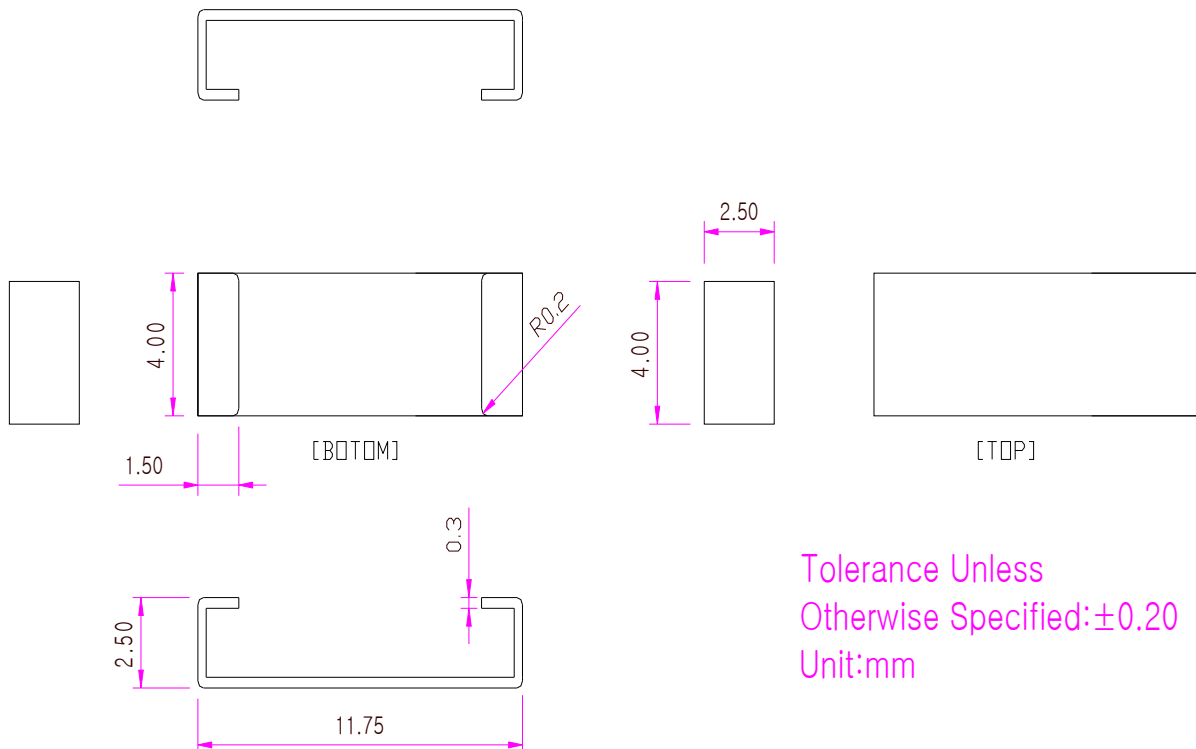


Customer		Written	Checked	Approved
Part No.	KSCA-B2450MA	SM Yun		
Date	03-May-21			

1. Electrical Specifications.

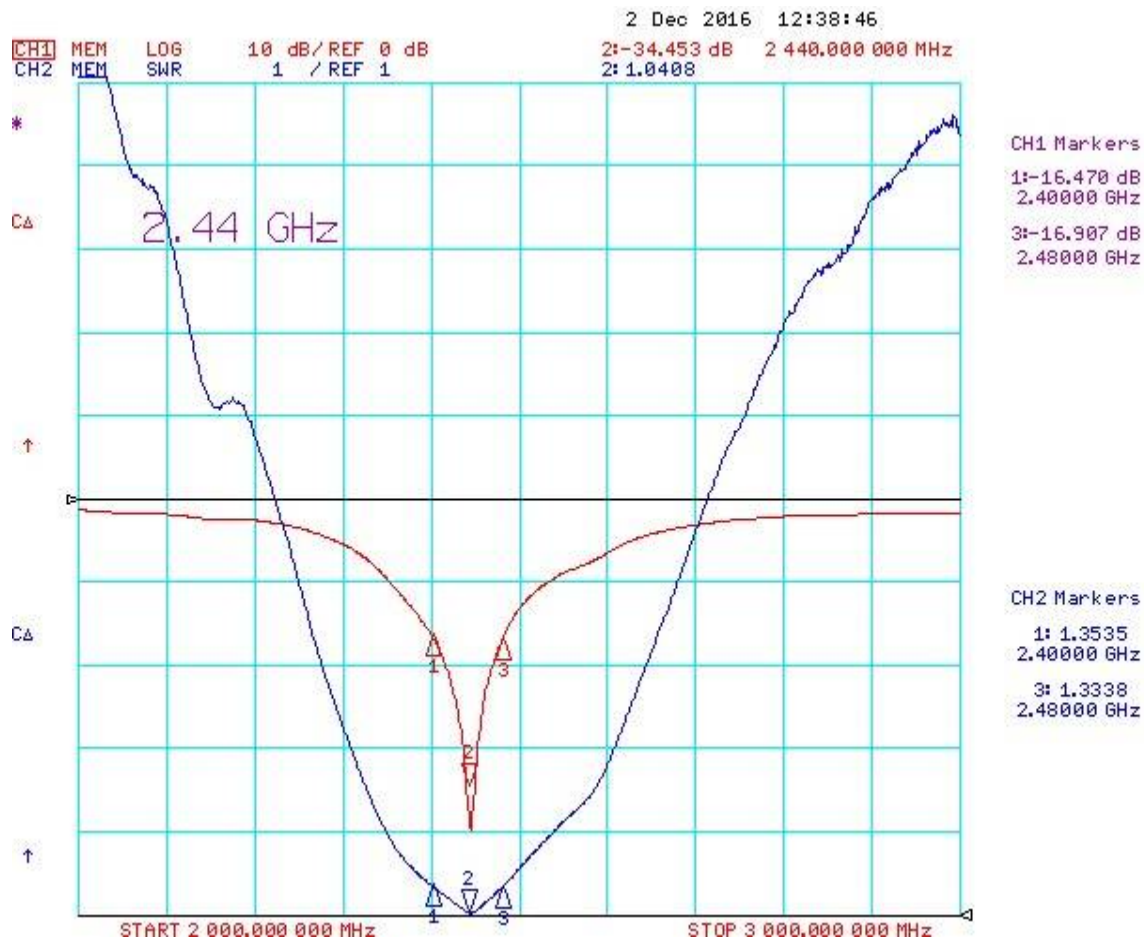
ITEM	Specifications
Frequency Range	2400~2484 MHz
Return Loss	10 dB min.
Impedance	50 Ω
Polarization	Linear
Peak Gain[V-H SUM]	1.9 dBi
Test Ground	Square 35x50mm

2. Dimensions.



3. Data

3.1) Return Loss

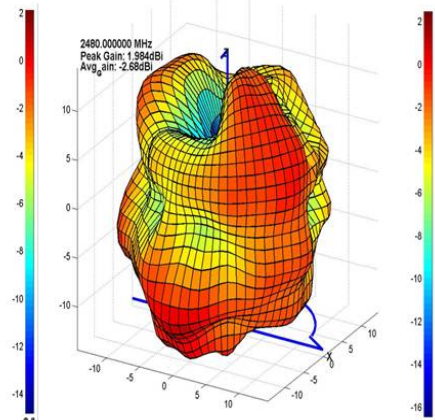
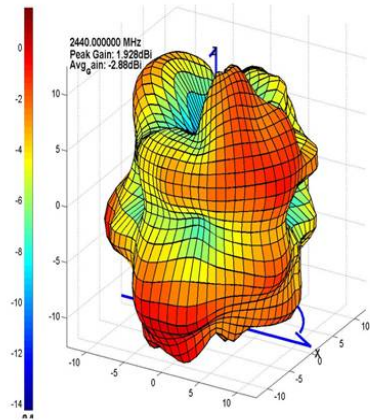
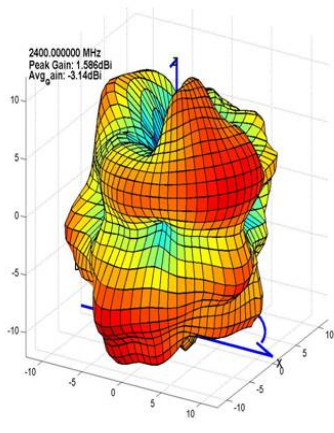


3.2) Antenna Chamber Data

Antenna Pattern & Gain Report

Manufacturer	SANGSHIN
Test Date	2017-01-10 오전 9:45:08
IF BW	100 Hz
Port Power	0.00 dBm
Meas Step	15 `

Frequency	Efficiency	Average Gain			Max Gain		
		Ver	Hor	Total	Ver	Hor	Total
2400.000000 MHz	48.4 %	-8.3 dBi	-4.7 dBi	-3.1 dBi	-1.3 dBi	-0.3 dBi	1.6 dBi
2410.000000 MHz	50.7 %	-8.1 dBi	-4.5 dBi	-2.9 dBi	-1.2 dBi	0.0 dBi	1.8 dBi
2420.000000 MHz	51.3 %	-8.0 dBi	-4.5 dBi	-2.9 dBi	-1.3 dBi	0.1 dBi	1.9 dBi
2430.000000 MHz	50.6 %	-8.0 dBi	-4.6 dBi	-3.0 dBi	-1.3 dBi	0.1 dBi	1.8 dBi
2440.000000 MHz	51.5 %	-7.9 dBi	-4.5 dBi	-2.9 dBi	-1.2 dBi	0.1 dBi	1.9 dBi
2450.000000 MHz	51.5 %	-7.9 dBi	-4.5 dBi	-2.9 dBi	-1.1 dBi	0.2 dBi	1.9 dBi
2460.000000 MHz	52.4 %	-7.7 dBi	-4.5 dBi	-2.8 dBi	-1.0 dBi	0.1 dBi	1.8 dBi
2470.000000 MHz	52.4 %	-7.7 dBi	-4.5 dBi	-2.8 dBi	-1.0 dBi	0.2 dBi	1.9 dBi
2480.000000 MHz	53.9 %	-7.4 dBi	-4.5 dBi	-2.7 dBi	-0.8 dBi	0.0 dBi	1.9 dBi



4. Package (3000pcs/reel)

