

**1. SECIFICATIONS**

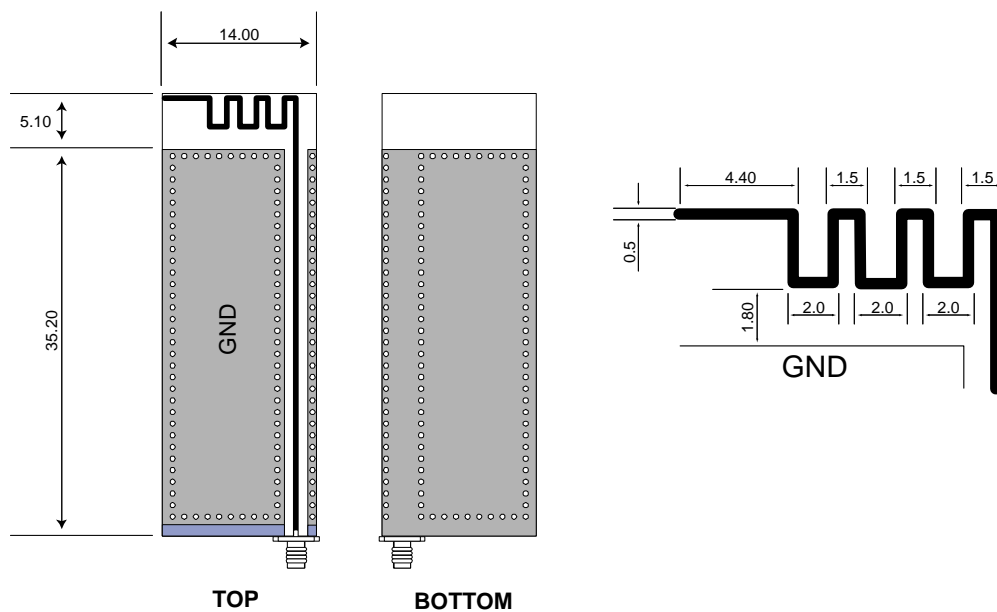
1.1 Electrical Specifications

ITEM	SPEC	UNIT
Center Frequency	2.445	GHz
Gain	0.566(MAX)	dBi
VSWR	1.28:1	
Azimuth Beam Pattern	Omni-directional	
Impedance	50	$\Omega$

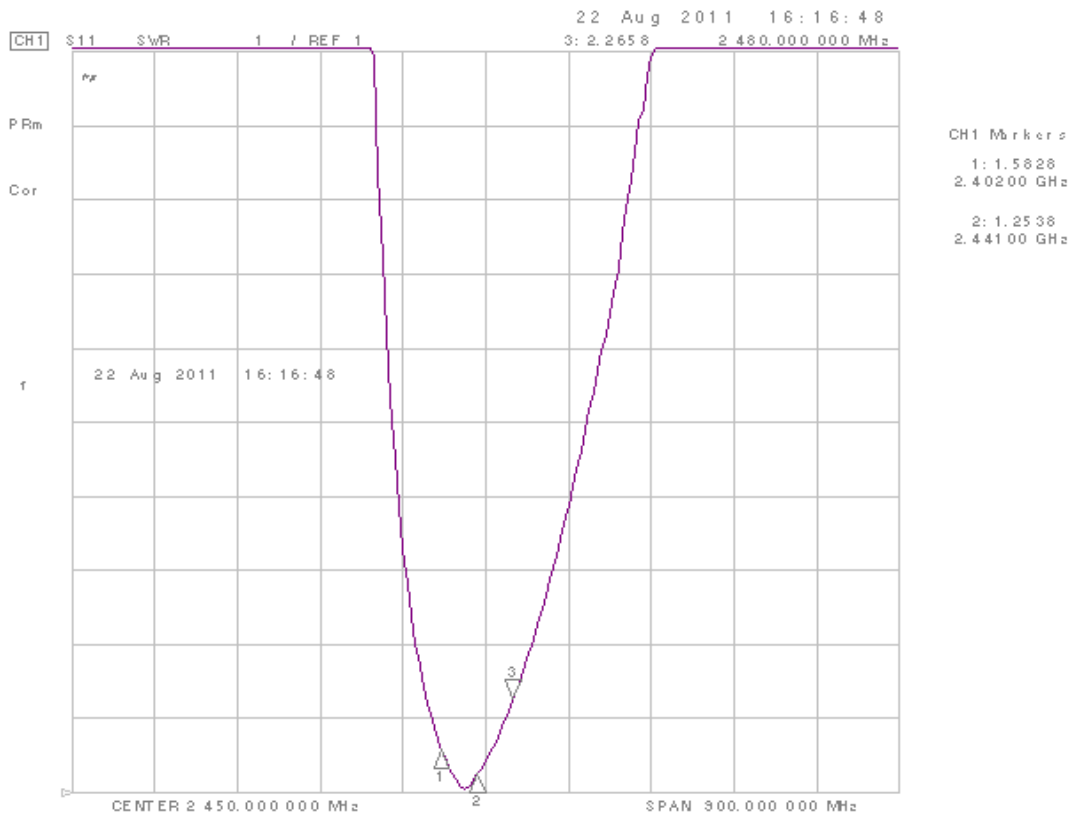
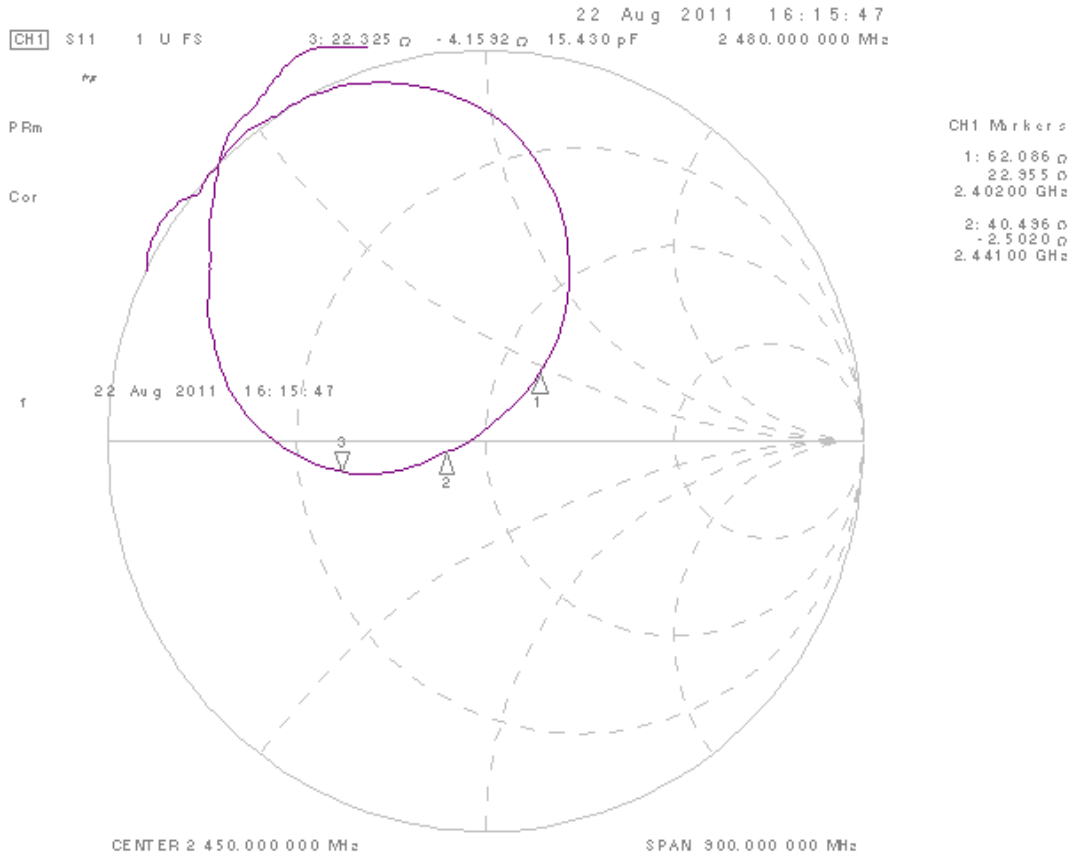
1.2 Mechanical Specification

ITEM	SPEC	UNIT
Size		mm
Radiator Material	Brass(Gold coating)	
Operation Temperature	-40~+ 90	$^{\circ}\text{C}$

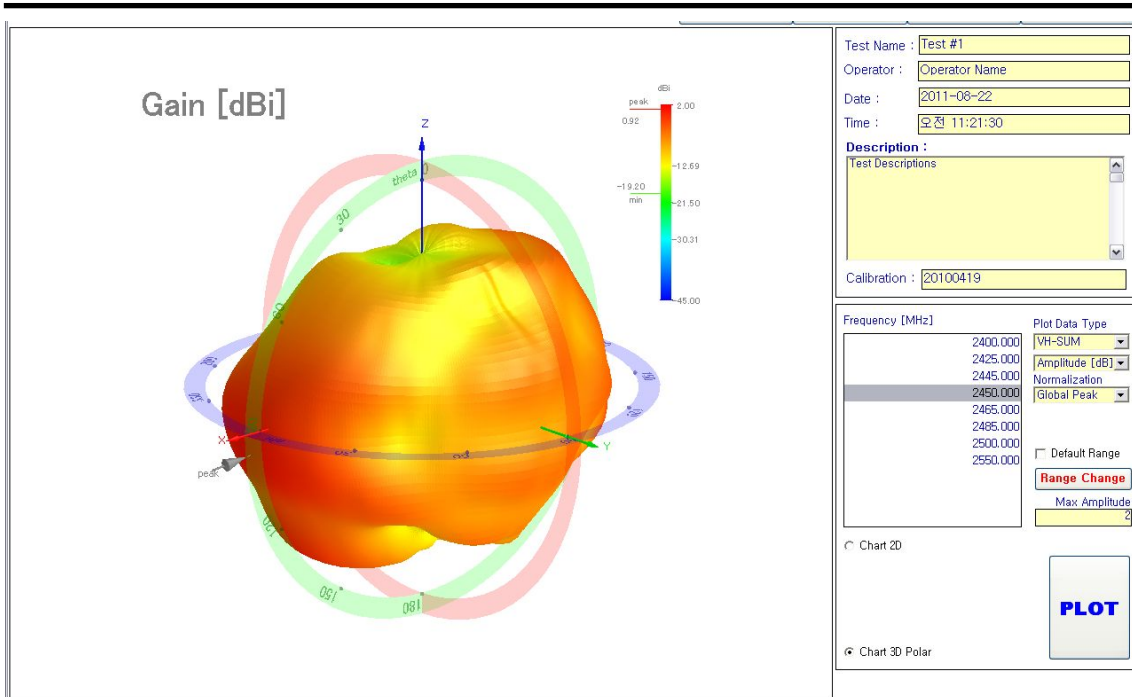
1.3 Appearance and Dimensions



2. MEASUREMENT



Production information



Test Name : Test #1  
 Operator : Operator Name  
 Date : 2011-08-22  
 Time : 11:21:30  
 Description :  
 Test Descriptions  
 Calibration : 20100419

Frequency [MHz] Plot Data Type  
 2400.000 [VH-SUM]  
 2425.000 Amplitude [dB]  
 2445.000 Normalization  
 2450.000 Global Peak  
 2465.000  
 2485.000  
 2500.000  
 2550.000

Default Range  
 Range Change  
 Max Amplitude

Chart 2D  
 Chart 3D Polar

**PLOT**

Freq. [MHz]	Polarization	Beam Peak			Beam Null			Gain[dBi]	Efficiency
		Value	Phi	Theta	Value	Phi	Theta		
2400		0.874	15	90	-18.007	-60	30	-5.070	31.120%
2425		0.653	10	90	-18.521	-60	30	-5.526	28.016%
2445		0.566	10	90	-18.799	105	120	-5.680	27.041%
2450		0.463	-180	75	-19.171	105	120	-5.807	26.263%
2465		0.386	-175	75	-20.405	105	120	-6.117	24.452%
2485		-0.124	-175	75	-24.906	30	165	-6.897	20.434%
2500		-0.744	-170	75	-24.782	20	165	-7.664	17.122%
2550		-1.215	-165	75	-20.132	65	75	-8.669	13.587%