

1. SECIFICATIONS

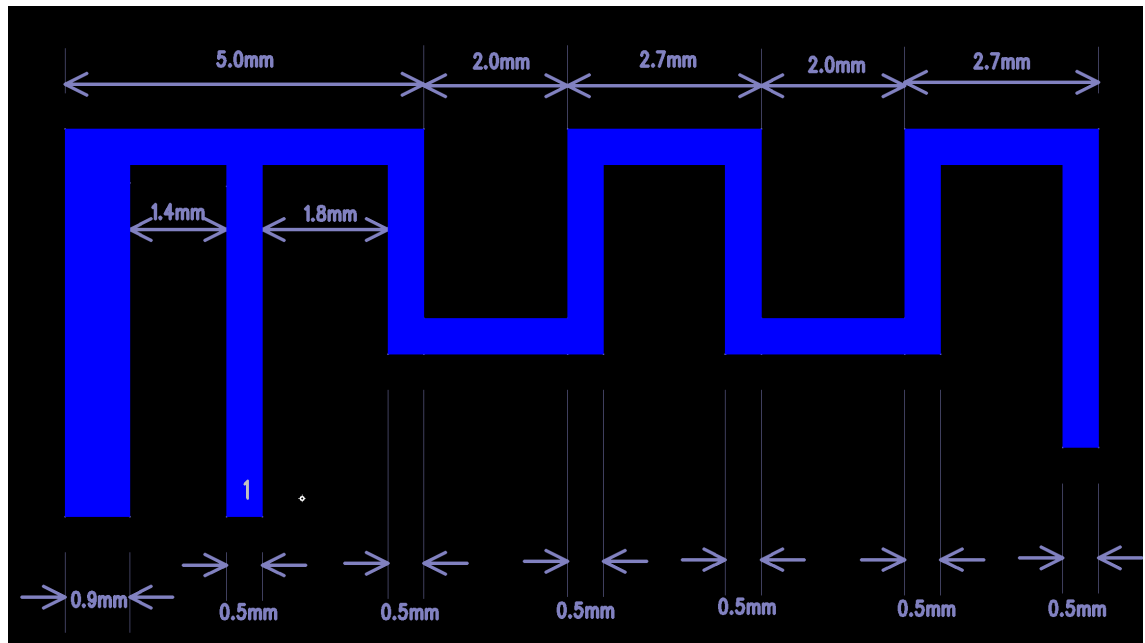
1.1 Electrical Specifications

ITEM	SPEC	UNIT
Center Frequency	2.4~2.485	GHz
Gain	-1.5(MAX)	dBi
VSWR	1.8:1	
Azimuth Beam Pattern	Omni-directional	
Impedance	50	Ω

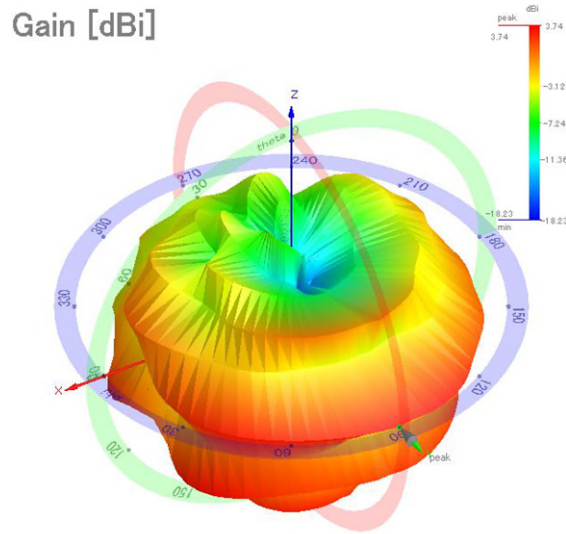
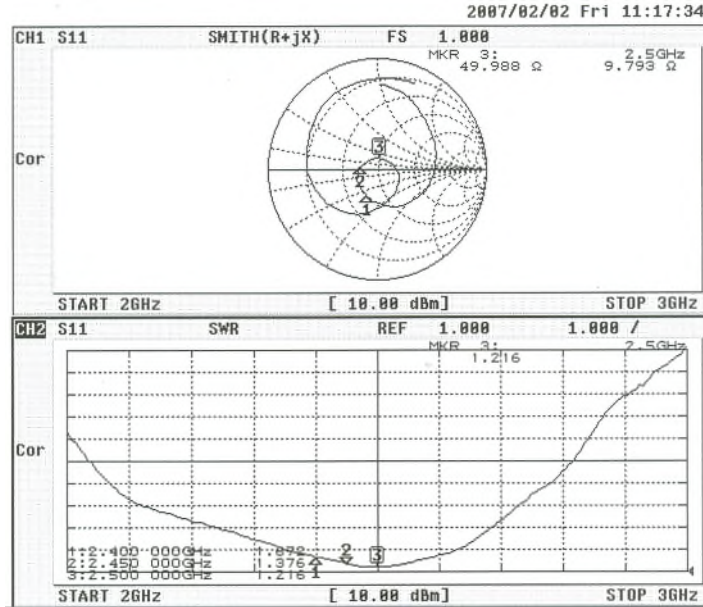
1.2 Mechanical Specification

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

1.3 Appearance and Dimensions



2. EASUREMENT (Bluetooth matching on the reference test board)



Freq.[MHz]	Polarization	Beam Peak			Beam Null			Gain[dBi]	Efficiency
		Value	Phi	Theta	Value	Phi	Theta		
2400		3.568	-110	90	-13.702	65	15	-1.773	66.485%
2450		3.744	-90	90	-18.227	-90	150	-1.622	68.836%
2500		3.847	-85	90	-19.752	-130	165	-1.989	63.263%