

Bluetooth Chip Antenna For ISM 2.4 GHz Applications

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◆ Part number : AHSBTM0602-B00

Specification

Frequency	2400 ~ 2484 MHz
VSWR	2.5 max
Peak Gain	0.0 dBi min
Radiation Pattern	Omni-directional
Input Impedance	50 ohm

<Typical Test Board>

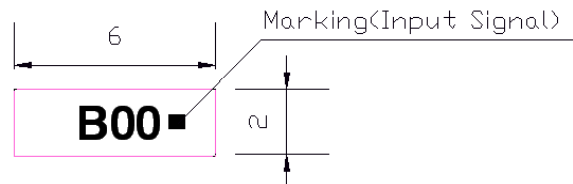
- Ground size : 50 X 40 mm

Dimensions

Size: 6(L) by 2(w) by 1.2(t) mm

(Tolerance : +/- 0.1 mm)

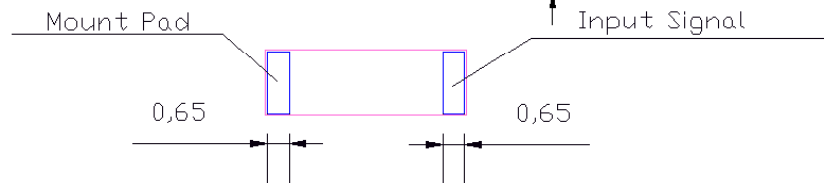
[Top]



[Side1]



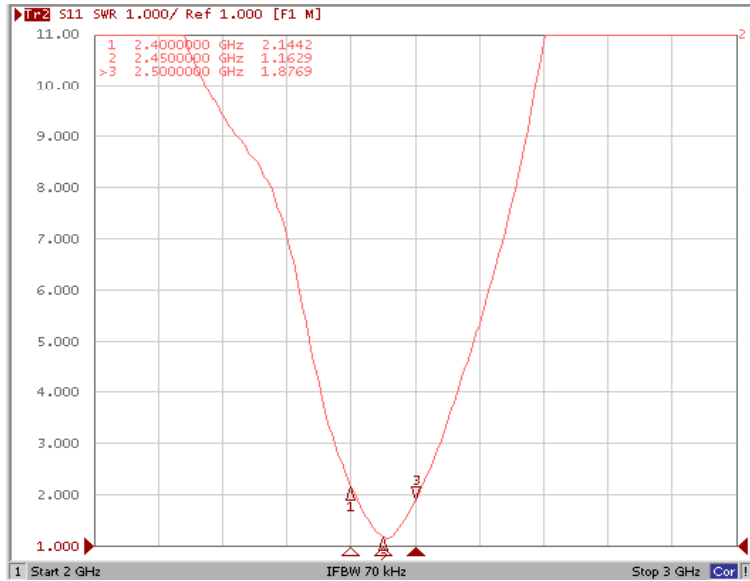
[Bottom]



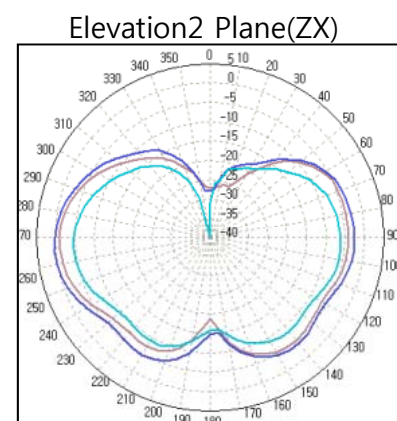
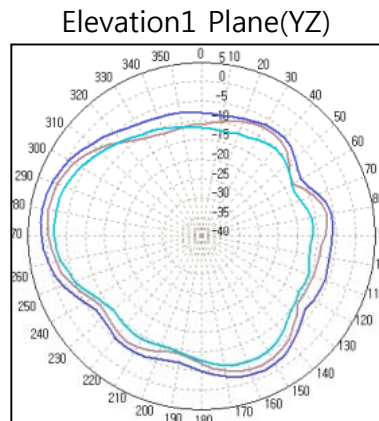
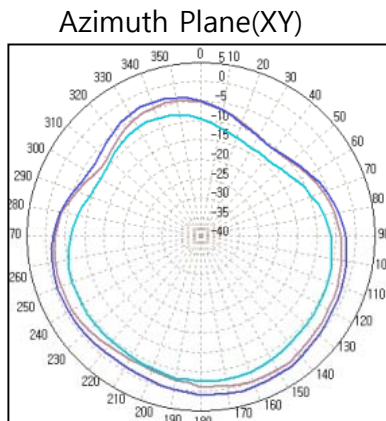
[Side2]



VSWR on Evaluation Board



Gain on Evaluation Board (2D)

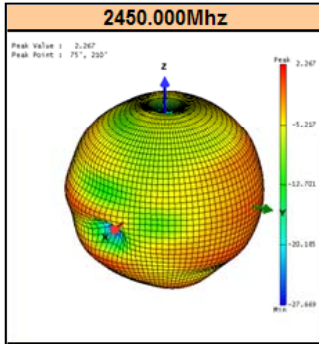


(unit : dBi)

Frequency (MHz)	Azimuth Plane(XY)	Elevation1 Plane(YZ)	Elevation2 Plane(ZX)
	Peak Gain	Peak Gain	Peak Gain
2400	-0.0	0.1	-0.9
2450	1.3	1.7	0.3
2500	-2.4	-1.7	-4.5



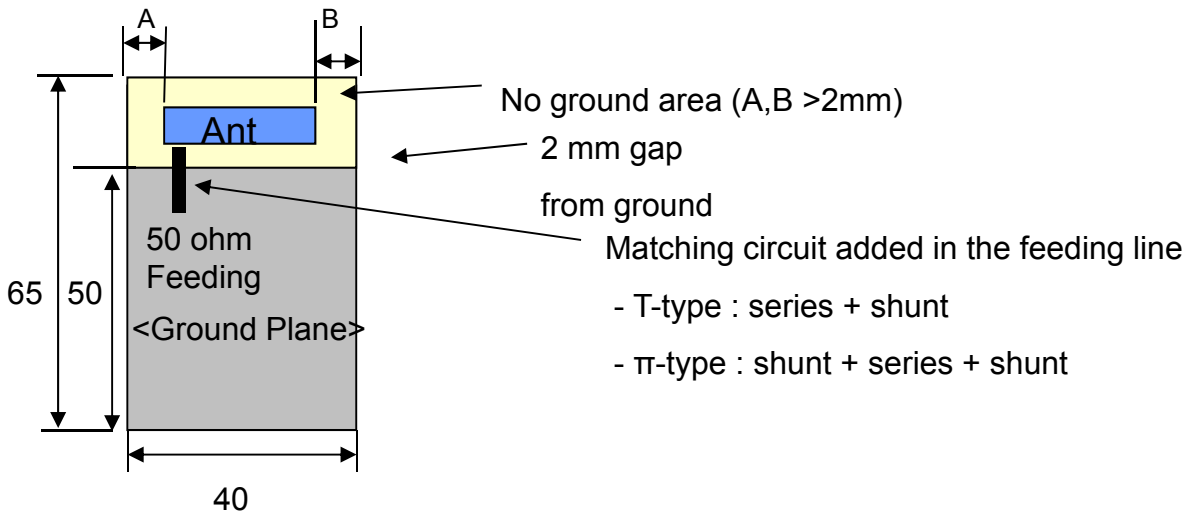
Gain on Evaluation Board (3D)



(unit : dBi)

Frequency (MHz)	3D Data	
	Peak Gain	Avg. Gain
2400	0.6	-3.4
2450	2.2	-2.0
2500	-1.9	-6.0

Typical Test Board



Recommended Pad Layout

