

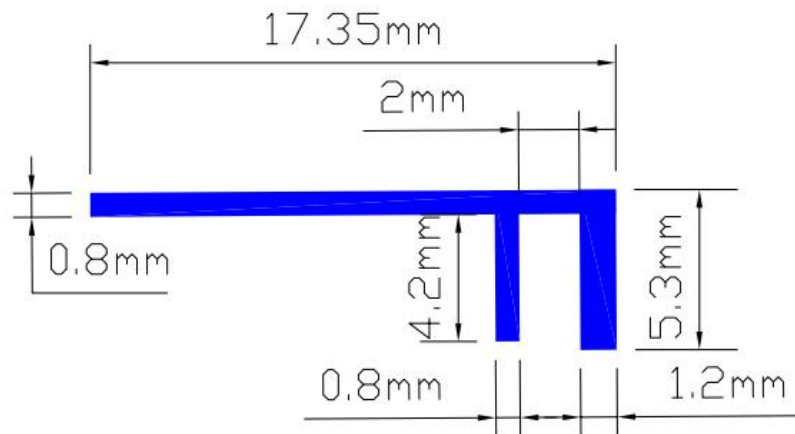
Product specification

QuickReferenceDate

	Antenna module on the system board	
Frequenc Range	2402 ~ 2480MHz	
Ant. Port Input Pwr.(dBm)	0 (Typ. BT class2outputpower)	
Tot. Rad. Pwr.(dBm)	-1.35 (Inputpwr - loss pwr)	
Peak EIRP(dBm)	1.35	
Directivity (dBi)	1 (alldirectionantenna)	
Efficiency (dB)	60.2%	
Gain(dBi)	-0.52 (Avg Gain XY-plane)	
Maximum Gain (dBi)	1.35(XY-plane)	
Minimum Gain(dBi)	-0.48 (XY-plane)	
Avg. Gain(dBi)	-0.435(XY-plane)	
Input Impedence(ohm)	50	
Polarization Type	V ertical&Horizontal	
V.S.W.R	<1.4	

All the technical data and information contained herein aresubject tochange withoutprior notice

Antenna Layout & module on the system board



Antenna Gain

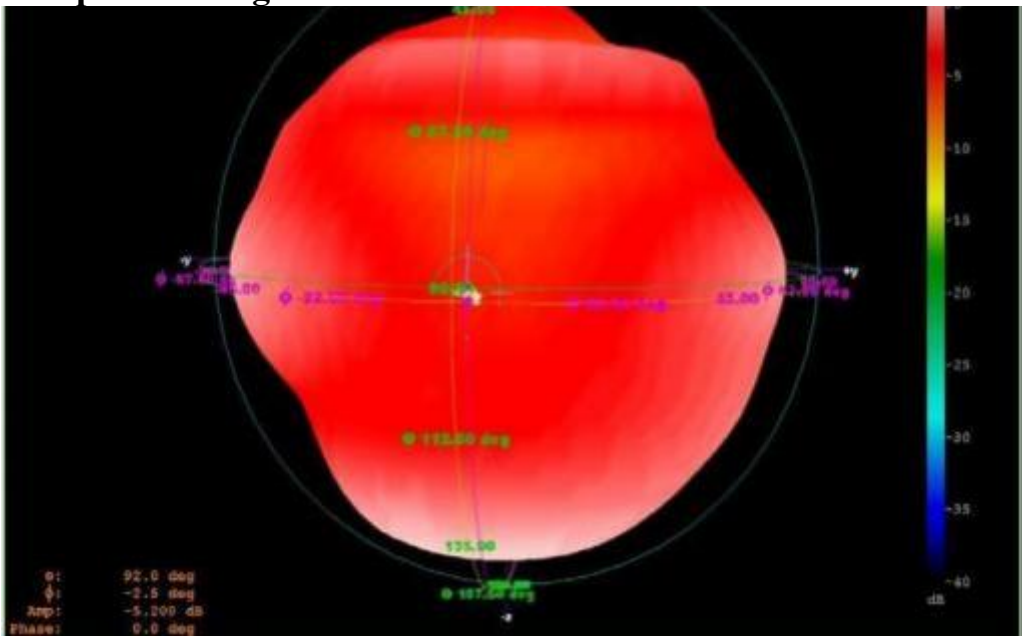
Gain Table

Unit in dBi@2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.35	-0.48	1.68	-3.83	1.11	-2.99	60.2%

Return Loss



3D radiation pattern diagram



XY-plane

XZ-plane

YZ-plane

