

Antenna test report

Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	1.35	
Maximum Power (dBm)	1.7 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Input Impedence(ohm)	50	
Polarization Type	V ertical & H orizontal	
V . S .W . R	< 1.4	

All the technical data and information contained herein are subject to change without prior notice

Antenna Layout & module on the system board



Antenna Gain

Gain Table

Frequenc 2400-2500MHz	2400		2450		2500		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Gain(dBi)	1.23	-0.06	1.35	-3.11	1.21	-3.09	6 1 .3%

Return Loss



The Environment of Antenna Radiation Pattern



3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

