

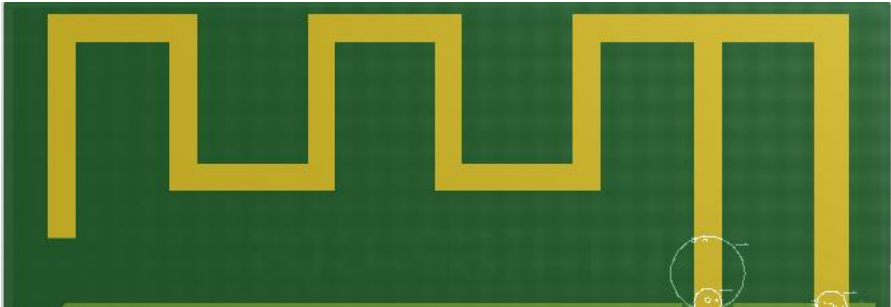
Product specification

Manufacturer: i5vare, LLC.
Address: 2.365 Topanga Skyline Drive, Topanga, CA 90290

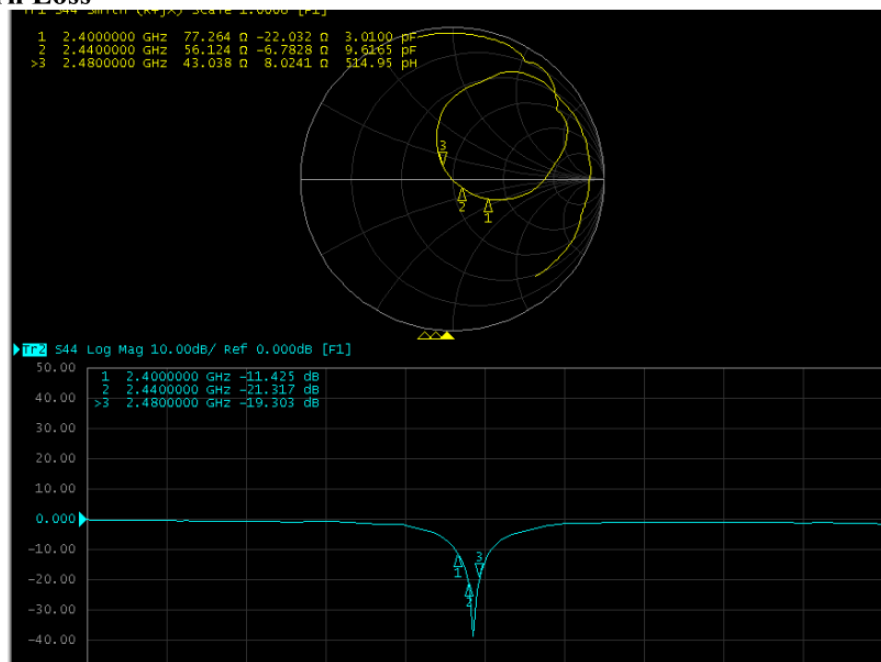
Quick Reference Date

	Antenna module on the system board
Antenna type	PCB
Frequency	2.45GHz*1
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)
Tot. Rad. Pwr. (dBm)	-2.3 (Input pwr ?loss pwr)
Peak EIRP(dBm)	1.3
Directivity (dBi)	1 (all direction antenna)
Efficiency (dB)	-2.3 (58.5%)
Gain (dBi)	1.7 (Peak Gain X Z-plane)
Maximum Power (dBm)	1.3 (XY-plane)
Minimum Power (dBm)	-4(XY-plane)
Avg. Power (dBm)	-0.5(XY-plane)
Max/Min Ratio (dB)	5.3(XY-plane)
Max/Avg Ratio (dB)	1.8(XY-plane)
Min/Avg Ratio (dB)	-3.5(XY-plane)
Average Gain (dB)	-0.5 (Avg Gain XY-plane)
All the technical data and information contained herein are subject to change without prior notice	

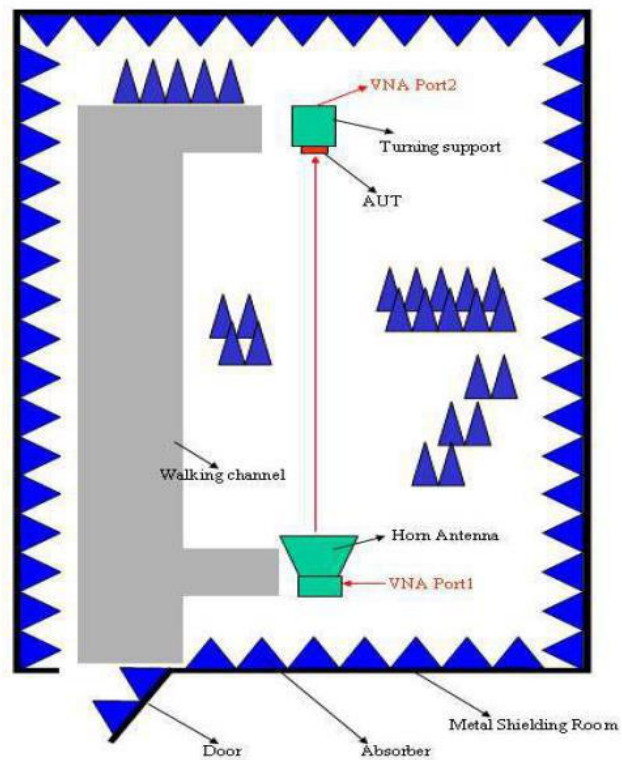
Antenna Layout & module on the system board



Return Loss



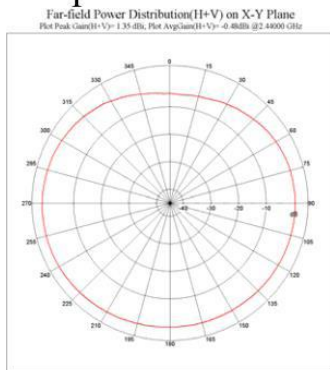
The Environment of Antenna Radiation Pattern



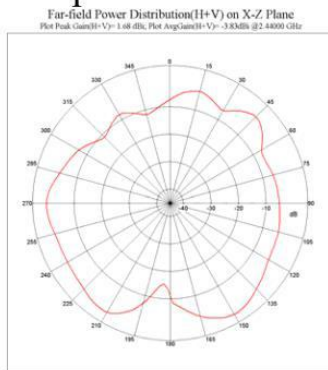
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

