

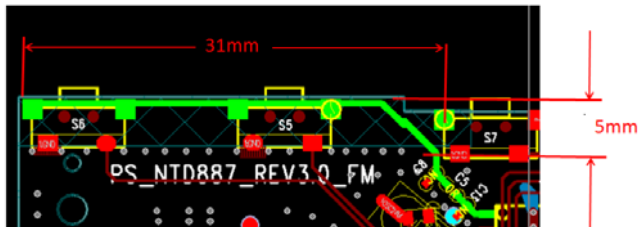
Product specification

Quick Reference Data

Antenna Type:	PCB antenna	
Frequency	2400~2480MHz	
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)	1.3	
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)	
Manufacturer:	China Etech Groups Ltd	

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

Antenna Layout & module on the system board

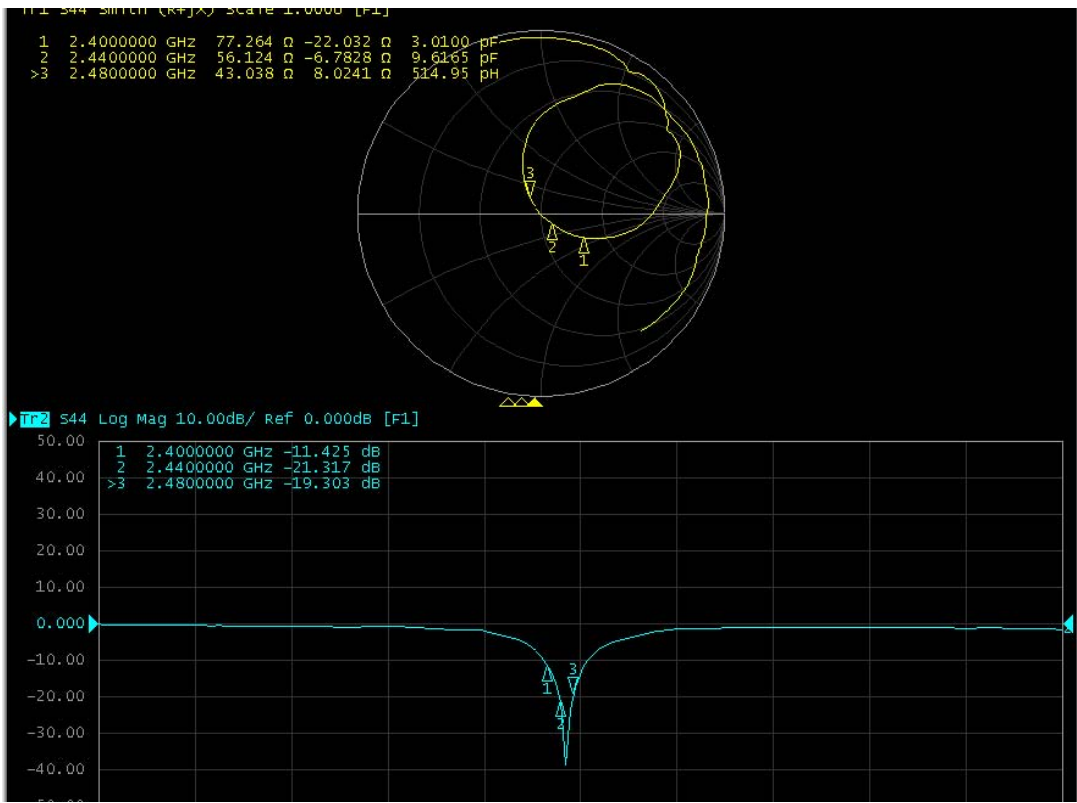


Antenna Gain

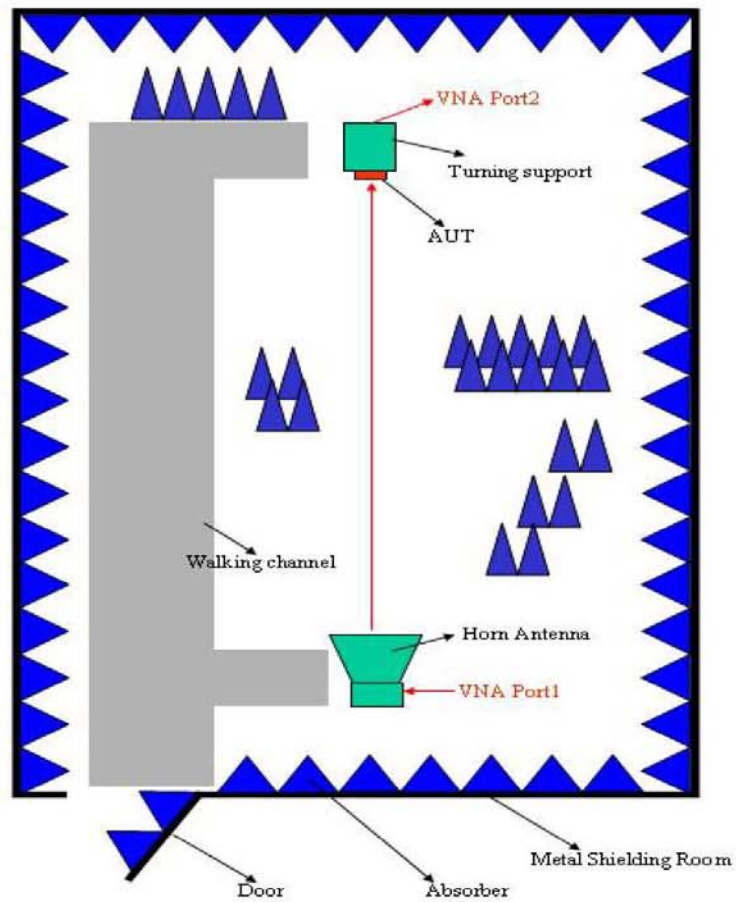
Gain Table

Antenna Type:	PCB antenna	
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Efficiency (dB)	-2.3 (58.5%)	
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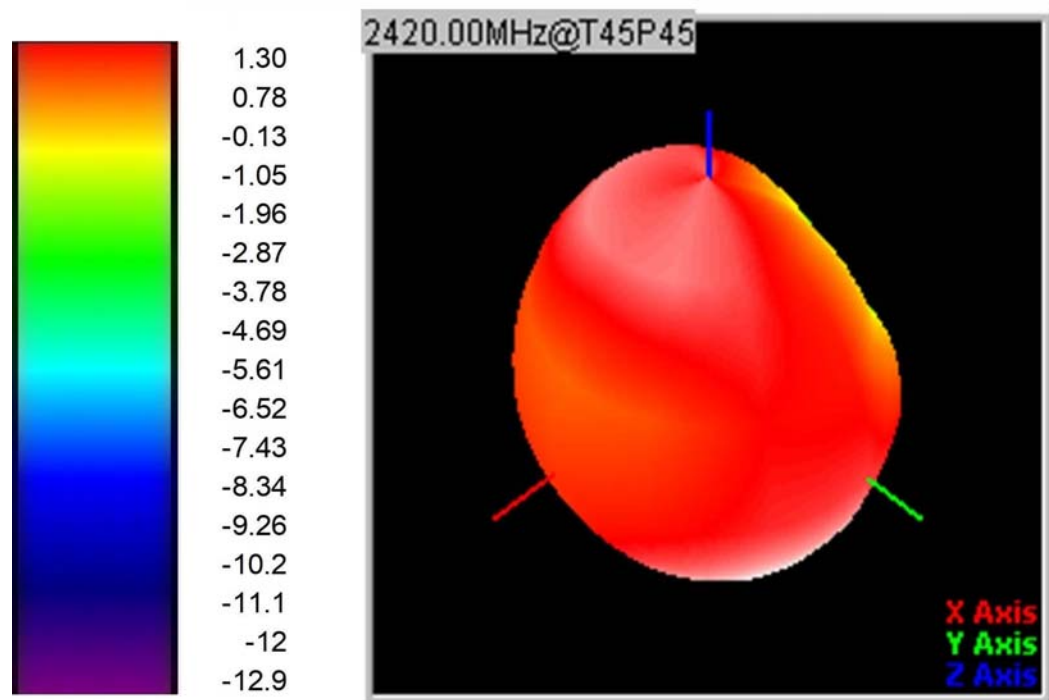
Return Loss



The Environment of Antenna Radiation Pattern



3D radiation pattern diagram (2420MHz)



Frequency(MHz)	Gain(dBi)
2420	1.3