

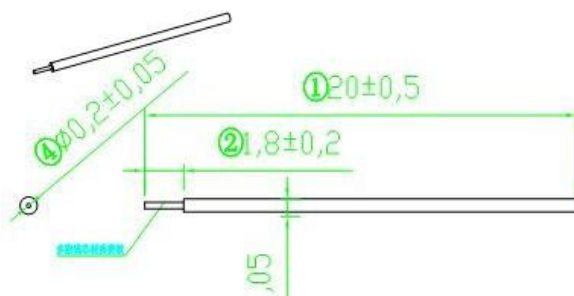
Product specification

QuickReferenceDate

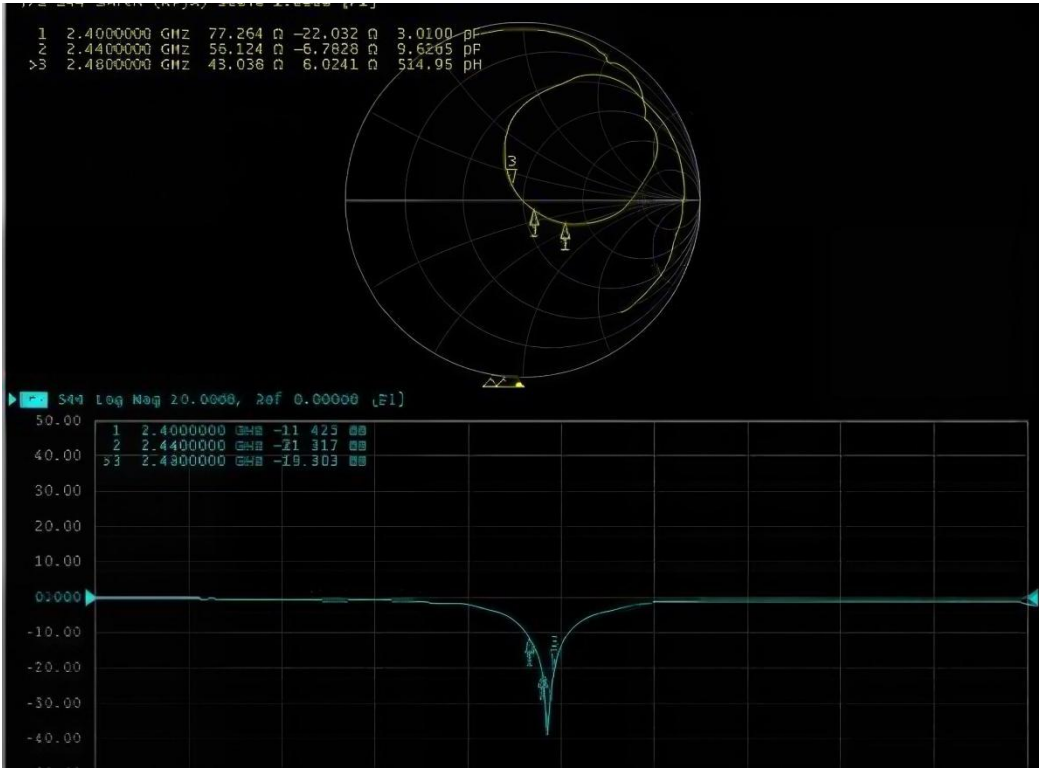
	Antenna module on the system board	
Frequenc Range	2400 ~ 2500GHz	
Ant. Port Input Pwr.(dBm)	0 (Typ. BT class 2outputpower)	
Tot. Rad. Pwr.(dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (alldirectionantenna)	
Efficiency (dB)	60.2%	
Gain(dBi)	2.0 (AvgGain XY-plane)	
Maximum Power (dBm)	1.7 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Input Impendence(ohm)	50	
Polarization Type	Vertical & Horizontal	
V.S.W. R	<1.4	

All the technical data and information contained herein aresubject tochange without prior notice

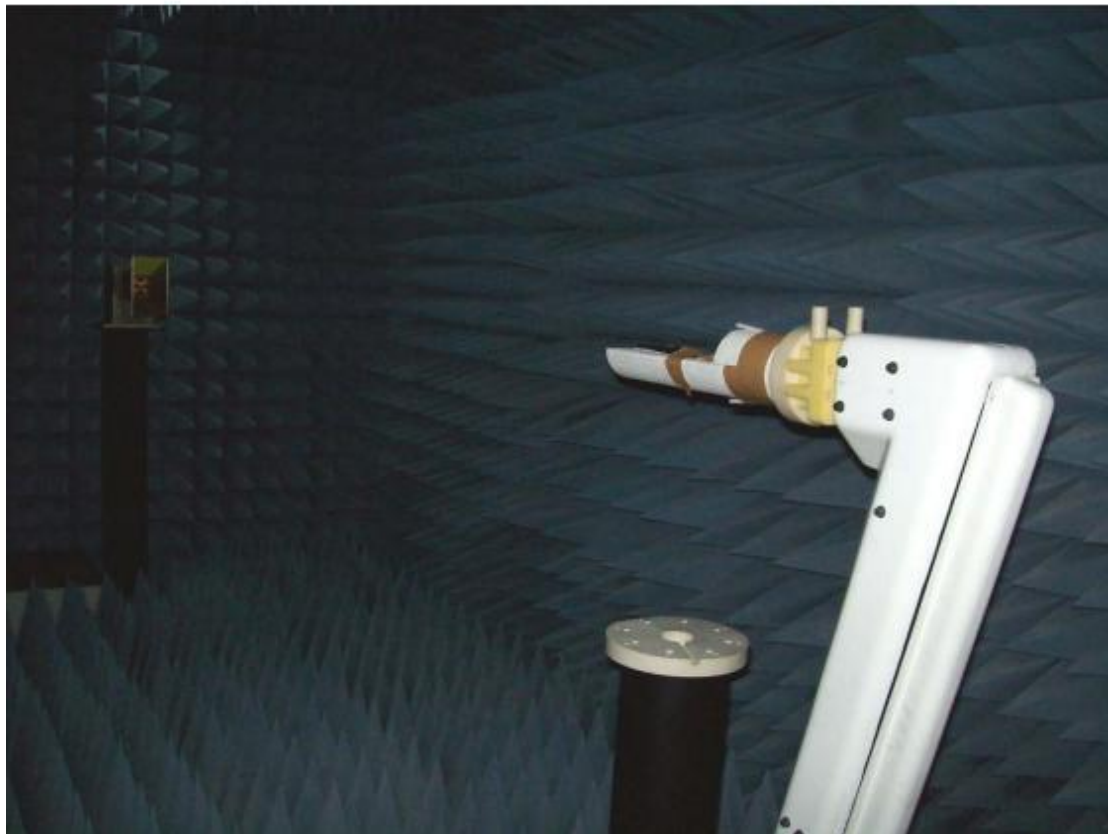
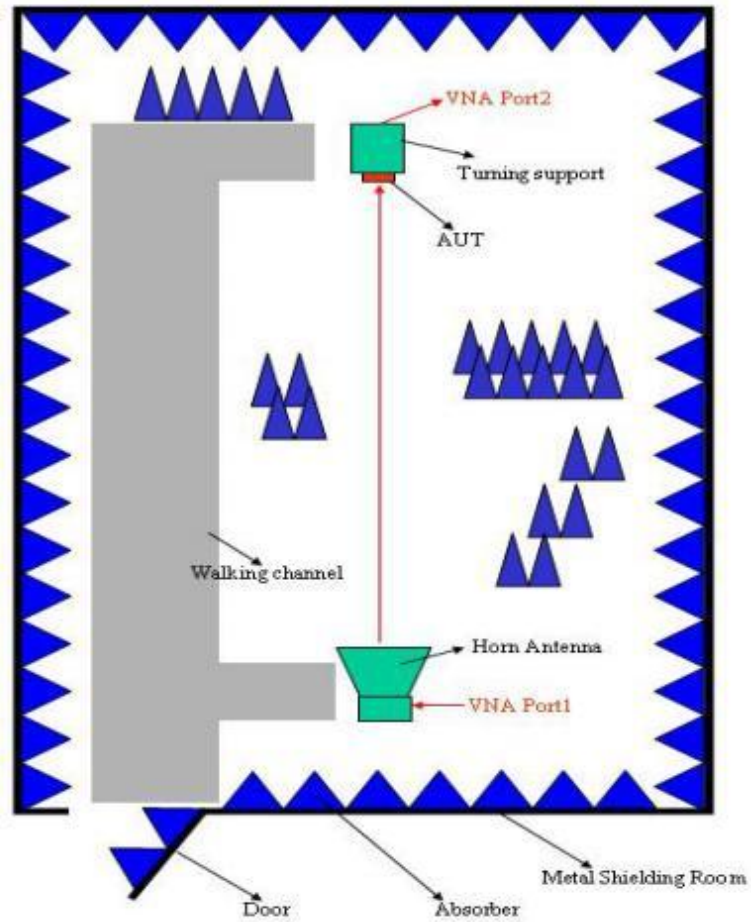
Antenna Layout & module on thesystemboard



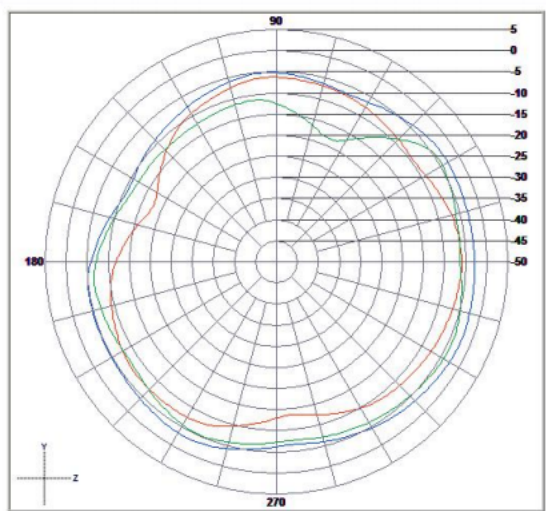
Return Loss



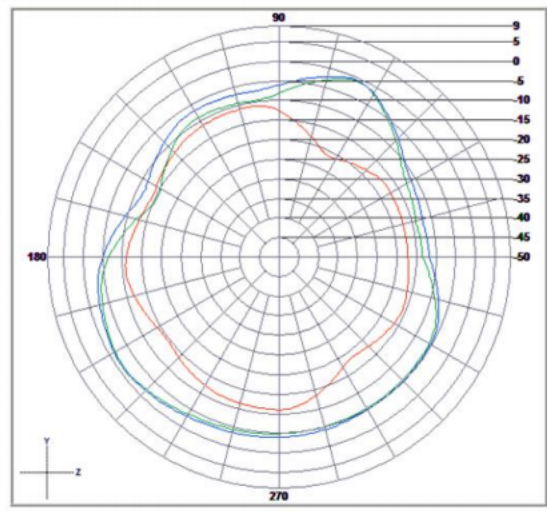
The Environment of Antenna Radiation Pattern



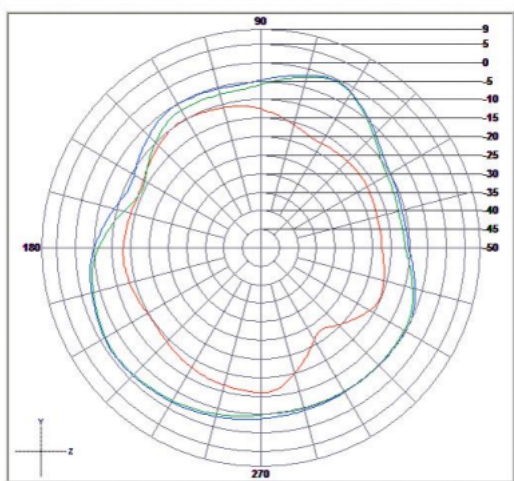
Radiation Pattern:



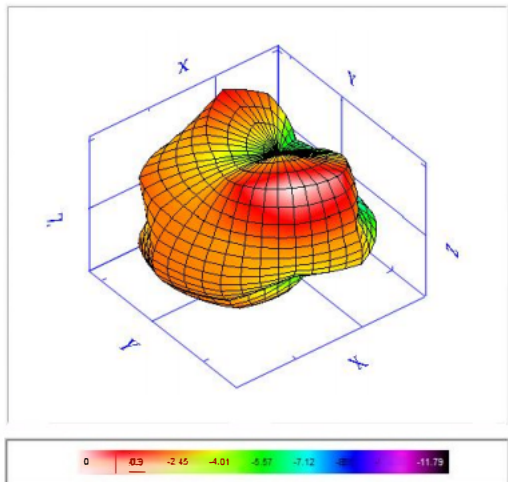
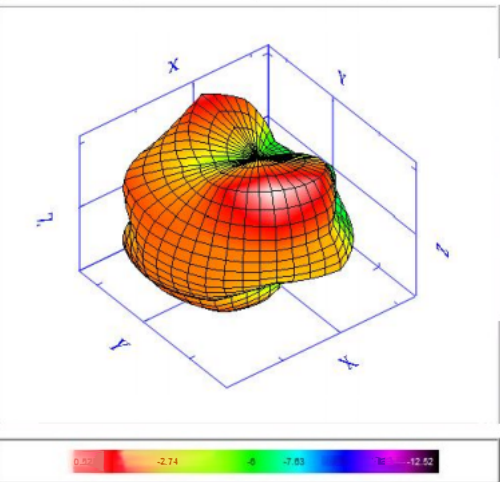
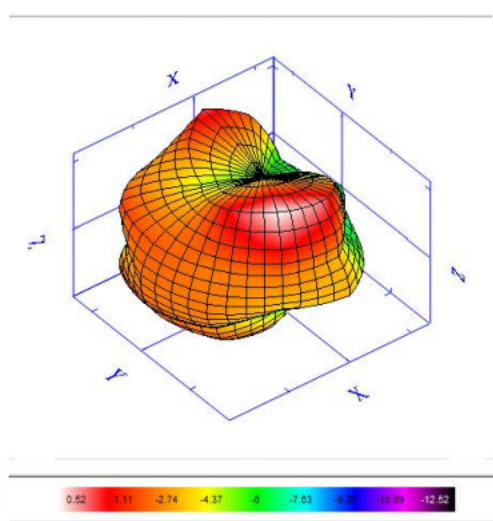
	Vertical	Horizontal	Total
Avg. Gain	-0.5dBi	-0.9dB	-0.3dBi
Peak Gain	2.0dBi	1.2dBi	0.94dBi



	Vertical	Horizontal	Total
Avg. Gain	-3.6dBi	-1.06dB	-2.46dB
Peak Gain	1.9dBi	1.34dBi	2.45dBi



	Vertical	Horizontal	Total
Avg. Gain	-1.4dBi	-3.0dBi	-2.06dBi
Peak Gain	1.1dBi	0.27dBi	0.17dBi



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