

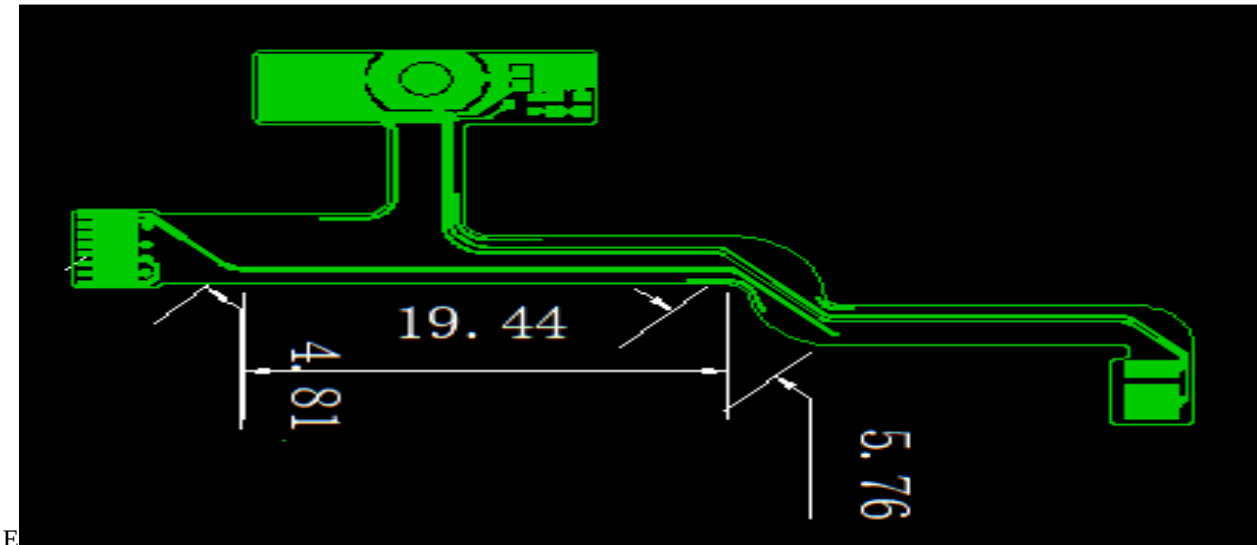
Productspecification

QuickReferenceDate

	Antennamoduleon thesystem board	
FrequencRange	2400 ~2500MHz	
Ant.PortInputPwr.(dBm)	0(Typ.BTclass2outputpower)	
Tot.Rad.Pwr.(dBm)	-1.2(Inputpwr-losspwr)	
PeakeIRP(dBm)	1.2	
Directivity(dBi)	1(alldirectionantenna)	
Efficiency(dB)	60.2 %	
Gain(dBi)	1.35(AvgGainXY-plane)	
MaximumPower (dBm)	1.7(XY-plane)	
MinimumPower(dBm)	-4(XY-plane)	
Avg.Power(dBm)	-0.5(XY-plane)	
InputImpendence(ohm)	50	
PolarizationType	Vertical&Horizontal	
V.S.W . R	<1.4	

All thetechnical dataandinformationcontainedherein aresubject tochangewithout priornotice

AntennaLayout&moduleonthesystemboa

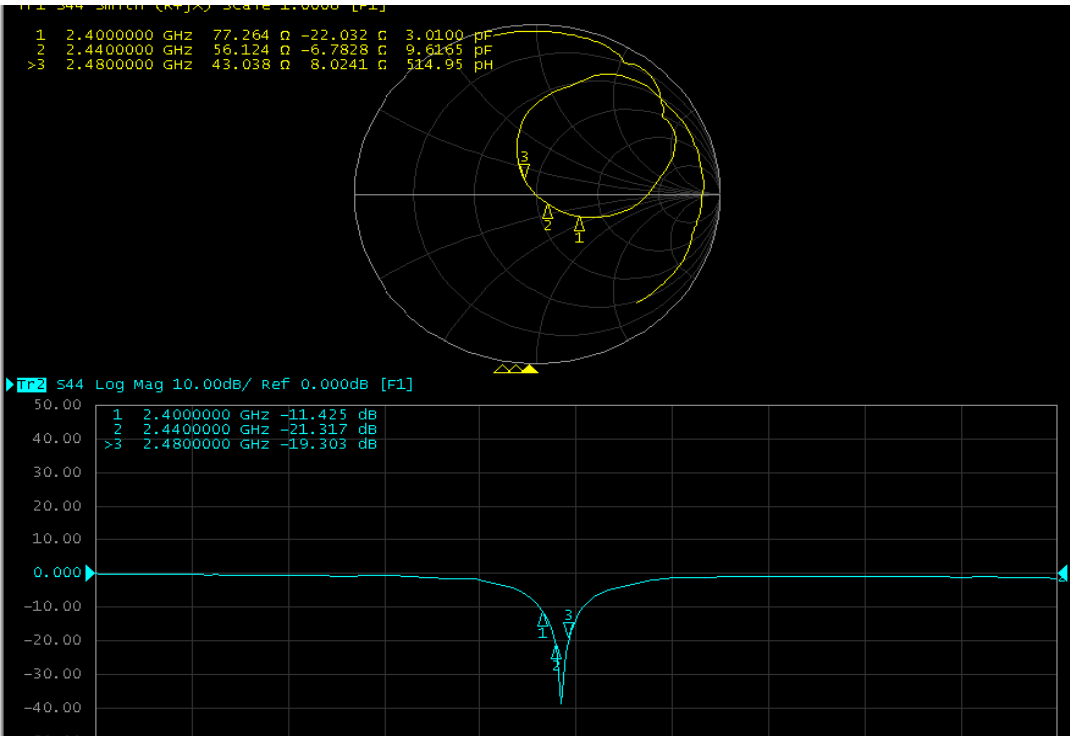


AntennaGain

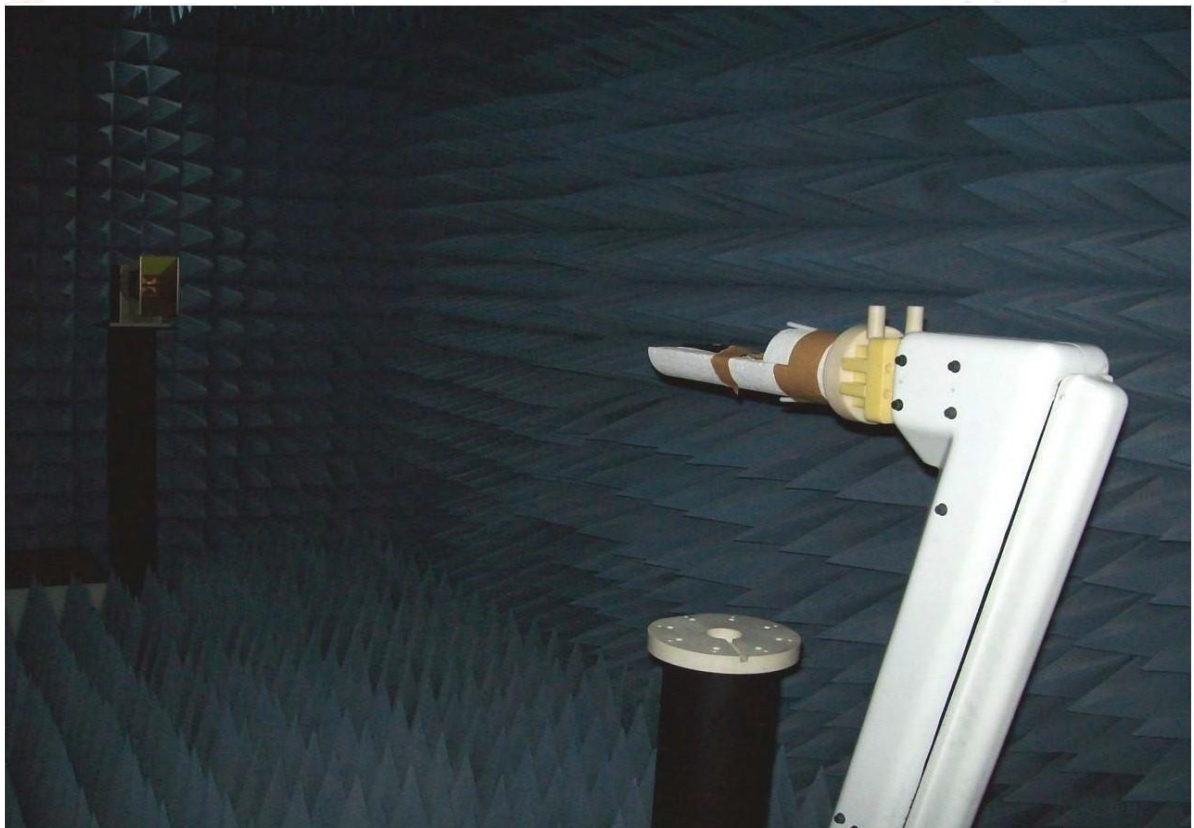
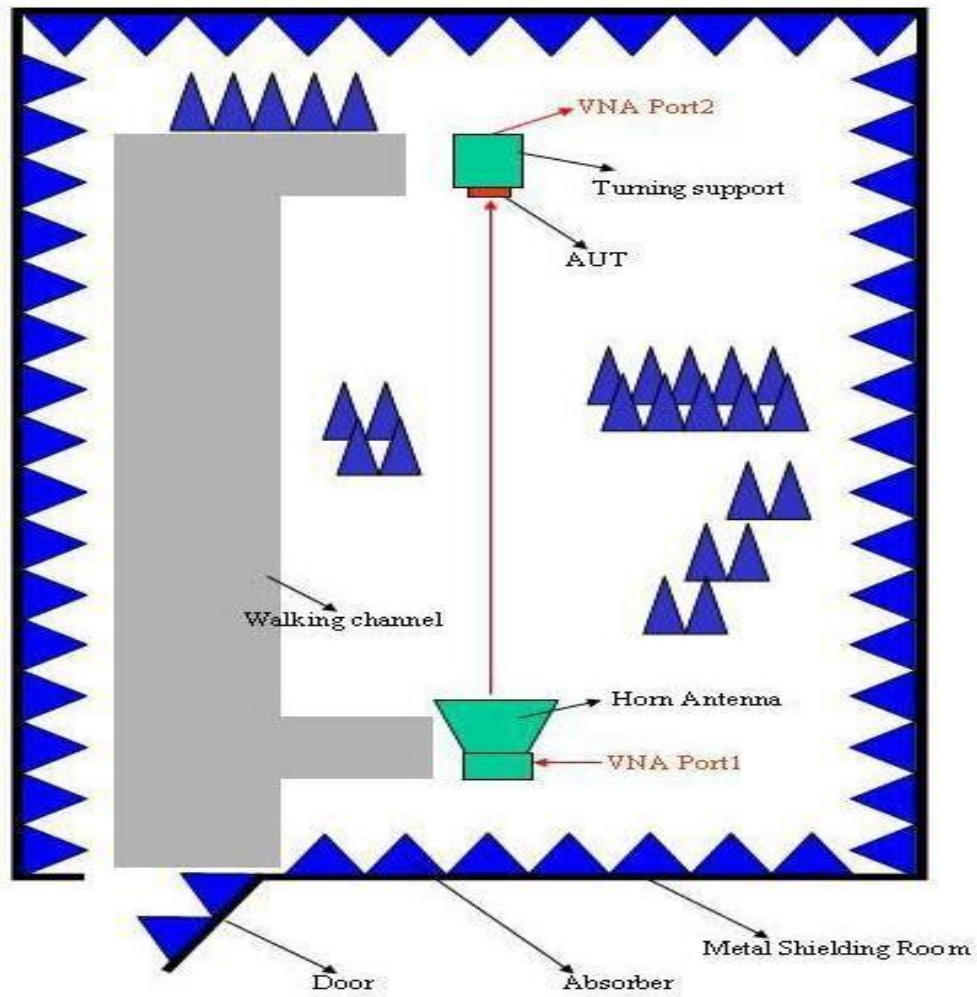
GainTable(dBi)

UnitindBi@2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
ModuleBoard	1.35	-0.48	1.08	-3.83	1.11	-2.99	60.2 %

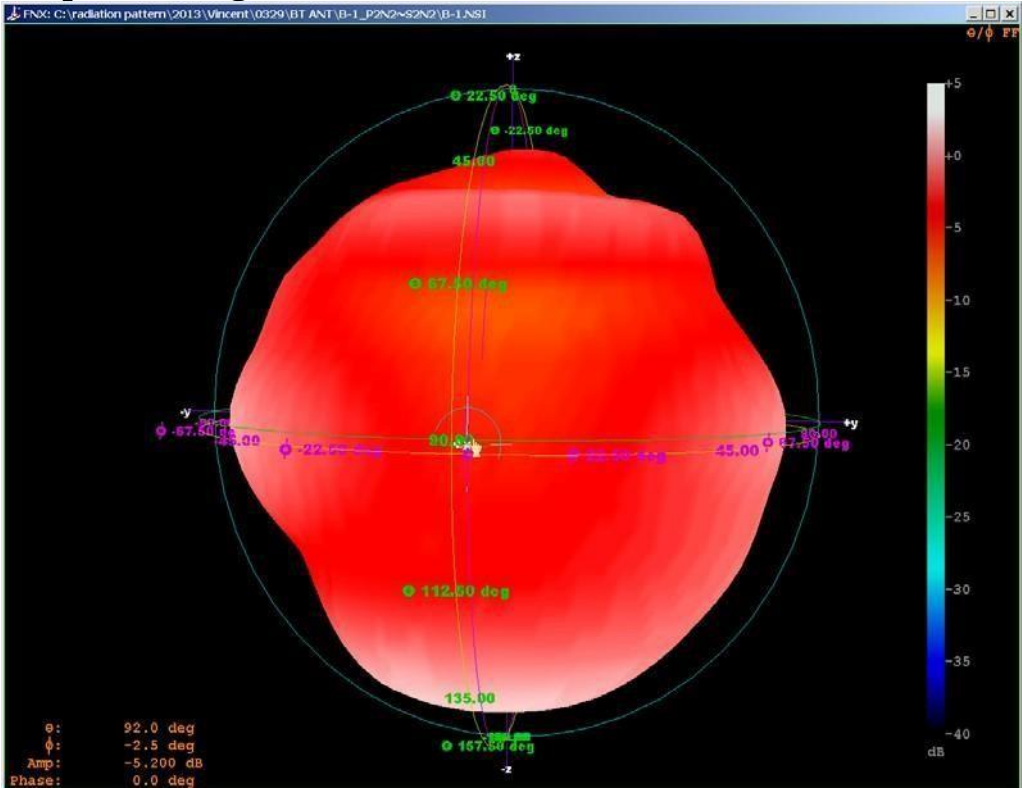
ReturnLoss



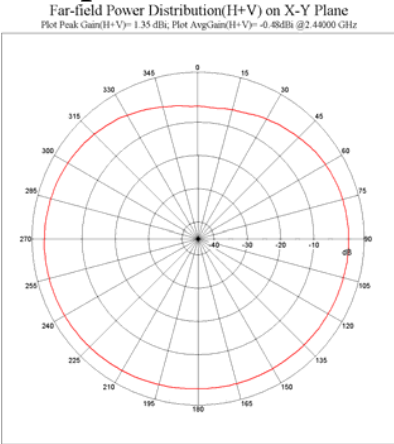
The Environment of Antenna Radiation Pattern



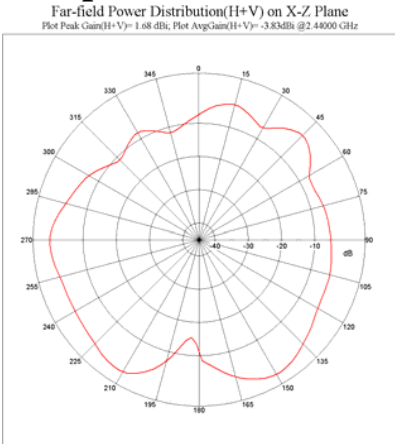
3Dradiationpatterndiagram



XY-plane



XZ-plane



YZ-plane

