

Product specification

Quick Reference Data

	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)	1.68 (dBi)	
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	V ertical & Horizontal	
V . S .W . R	< 1.4	

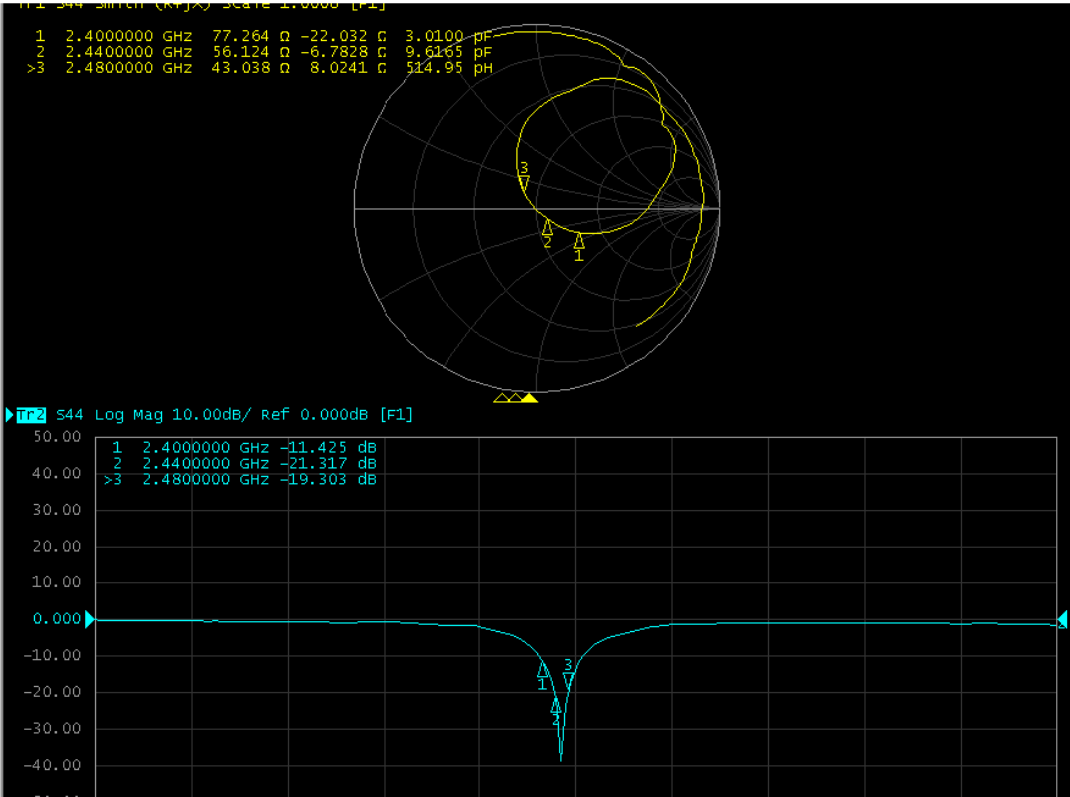
All the technical data and information contained herein are subject to change without prior notice

Antenna Gain

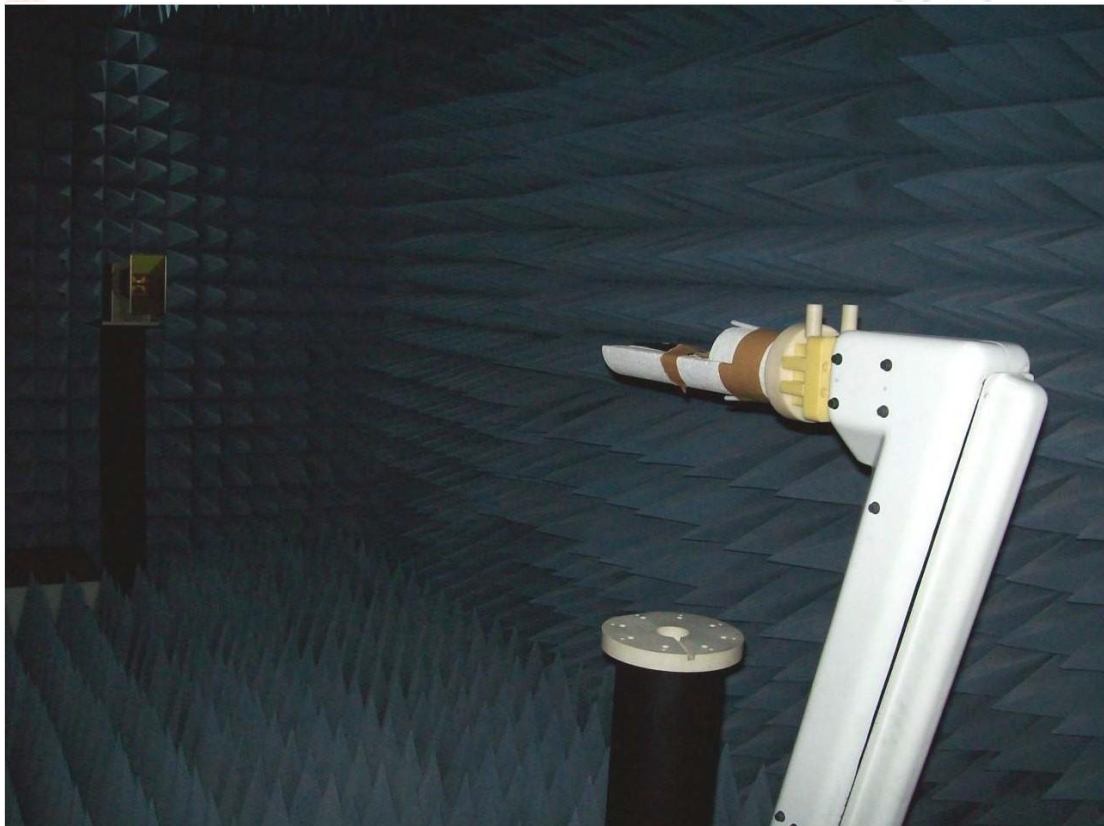
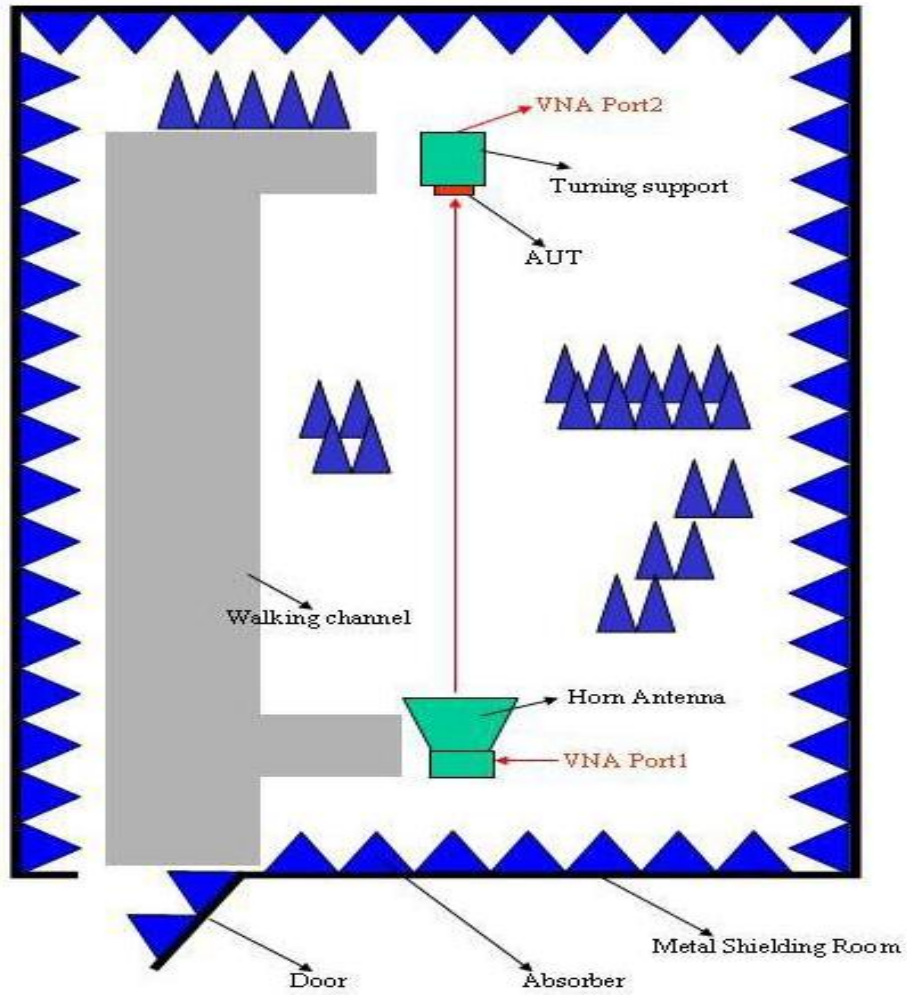
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.35	-0.48	1.68	-3.83	1.11	-2.99	6 0.2 %

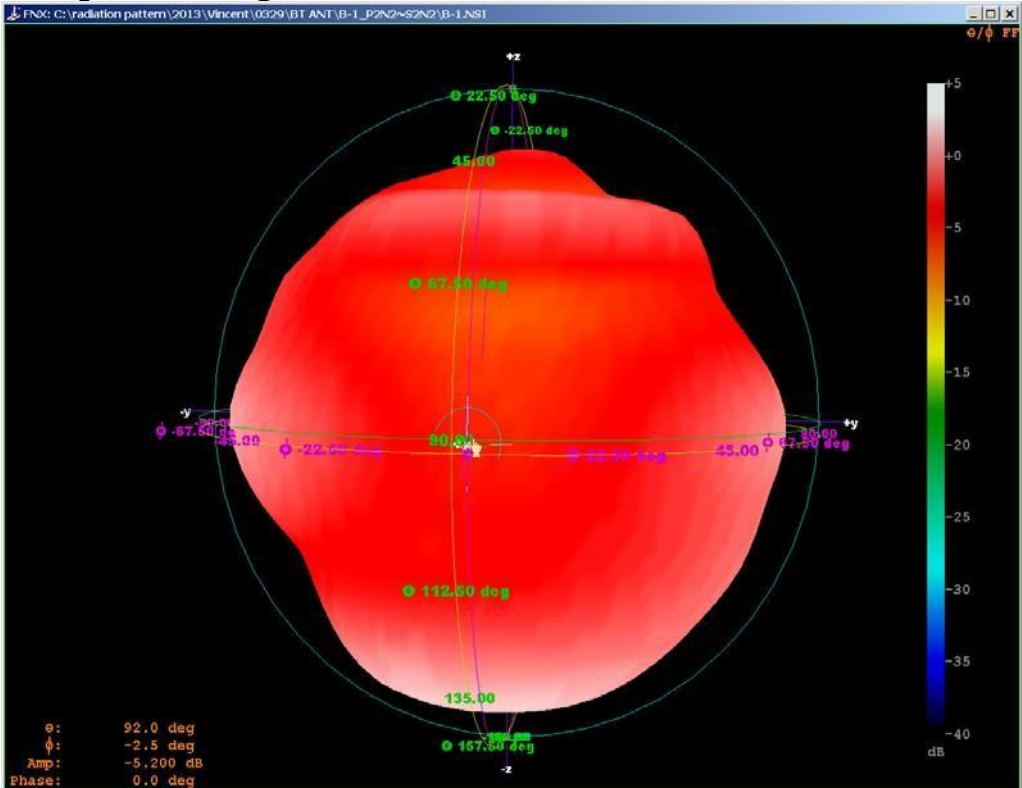
Return Loss



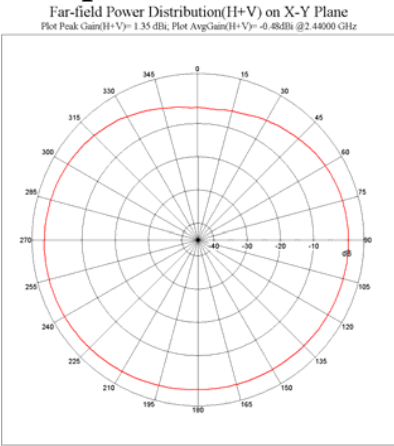
The Environment of Antenna Radiation Pattern



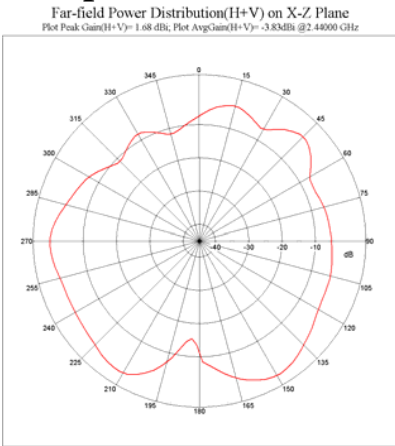
3D radiation pattern diagram



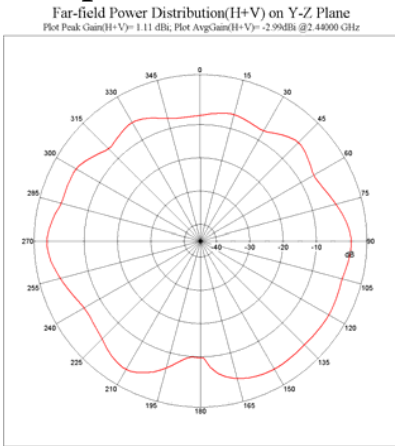
XY-plane

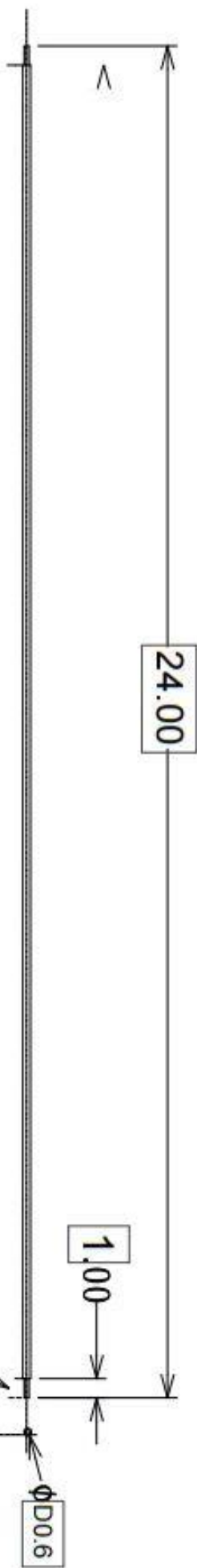


XZ-plane



YZ-plane





颜色: 黑色

规格: $D=0.6mm, L=24+1mm$

材质: PE

单位: mm

要求: ROHS, REACH, PHTALATES

DIMENSIONAL TOLERANCE							
DWG	GRADE 1	GRADE 2	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7
0-4	0.05	0.05	0.05	0.10	0.10	0.10	0.10
5-20	0.05	0.10	0.10	0.20	0.20	0.20	0.20
21-40	0.10	0.20	0.20	0.30	0.30	0.30	0.30
41-100	0.20	0.30	0.30	0.40	0.40	0.40	0.40
101+	0.30	0.40	0.40	0.50	0.50	0.50	0.50
ANGULAR	0.01	0.05	0.05	0.10	0.10	0.10	0.10
3RD ANGLE							
UNITS	MM						
DRAWN BY:	谭工						
MATERIAL							
QUANTITY	1						
SURFACE TREATMENT	/						
SCALE	/						
TITLE	675P00B-3-0009-3A						
MODEL	TCL-8201						
PART NO.	*****						
DWG NO.	/						
VER.	AI						