



VR Controller Test Report

Model: VR Controller-BT Antenna

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Directory

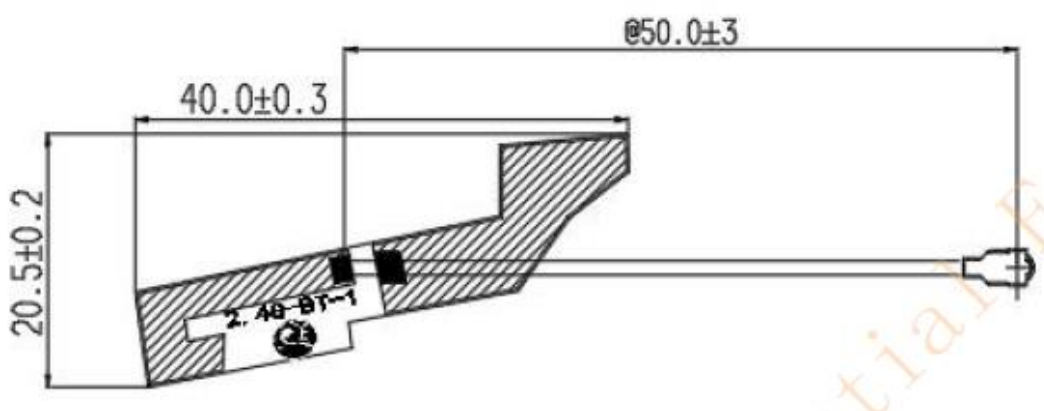
Chapter I: Test items	3
1.1 Introduction to the test project.....	3
Chapter II: Main test equipment and test tools.....	4
Chapter III: 3D/2D anechoic chamber passive testing.....	4
3.1 S11 parameters.....	4
3.2 Darkroom gain efficiency	5

Chapter I: Test items

1.1 Introduction to the test project

1	Passive test of the whole machine
2	

Product dimension direction diagram



Frequency Range:	2400-2500MHz
Gain:	2.75dBi
Polarization	Linear Vertical
Impedance	50ohm
FPC	L40.0*20.5*T=0.2mm-2.4
Wire rod	IPEX II Generation -OPEN-0.81 black-L50mm
Product name	IPEX(second generation)-2.4G-BT-FPC antenna -0.81 black-L50mm

Product drawing



Chapter II: Main test equipment and test tools

1	Comprehensive Tester (5071B)
2	3D microwave anechoic chamber (5X4X3M)
3	Desktop computers
4	display
5	CMW500Comprehensive tester
6	

Chapter III: 3D/2D anechoic chamber passive testing

3.1 S11 parameters

BT Antenna (2.4G-BT Antenna L=50mm)



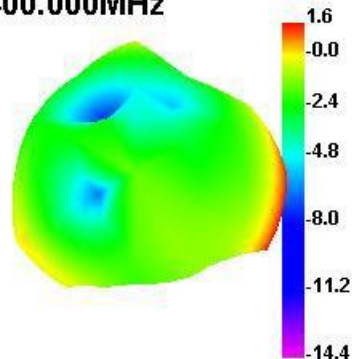
3.2 Darkroom gain efficiency



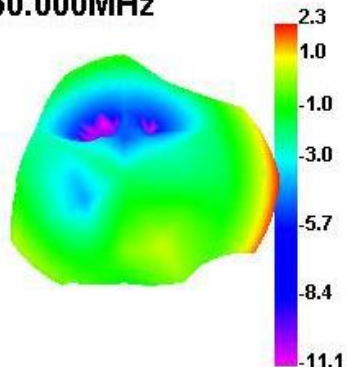
BTAntenna (2.4G-BTAntennaL=50mm)

Passive Test For 2400-2500		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	62.65	1.58
2410	58.59	1.1
2420	55.27	0.9
2430	57.37	1.19
2440	61.5	1.76
2450	67.55	2.34
2460	70.03	2.68
2470	63.41	2.17
2480	70.64	2.75
2490	67.08	2.19
2500	64.73	2.02

2400.000MHz



2450.000MHz



2500.000MHz

