



深圳市凯普深通讯科技有限公司

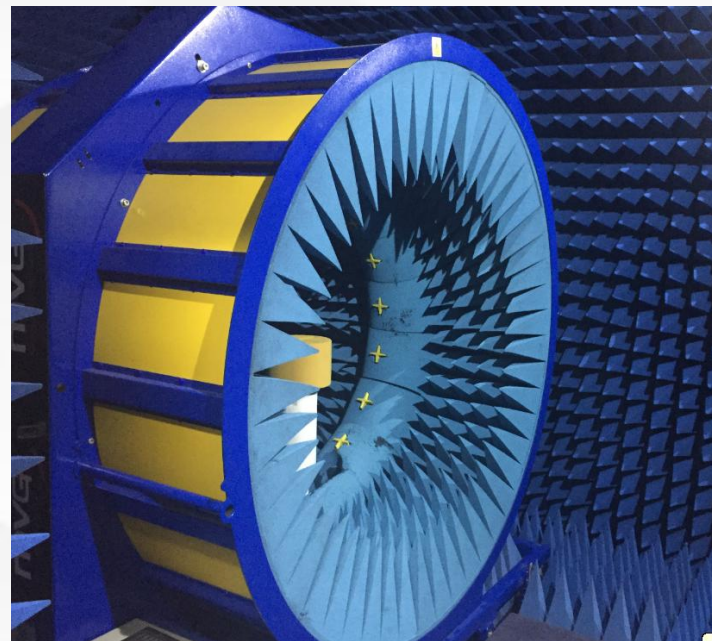
Shenzhen cape deep communication technology co., LTD

test report



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Laboratory test environment and equipment



Test item	Test equipment
S11、S12、VSWR、LOSS	Network analyzer E5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16 、GP7*4*3 、E5071B
TRP、TIS	Satimo SG16 、GP7*4*3 、8960 、 CMW500、MT8820C、E4438C、



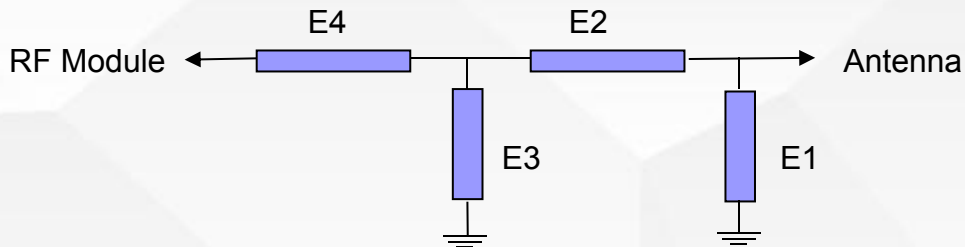
Introduction to project debugging

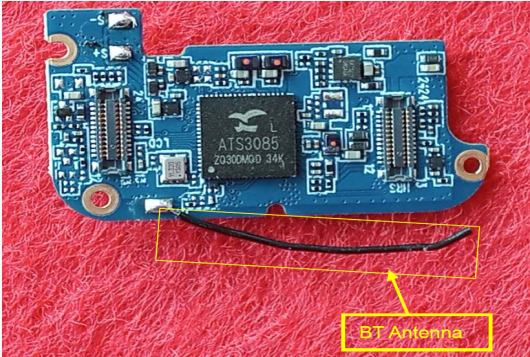
Machine type	成人手表			
Antenna type and frequency band	Frequency band	Antenna type	Peak gain	Match change
	BT (2400-2480M)	Wire Antenna	-3.29	NA
Antenna material	Lead			



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天线匹配电路

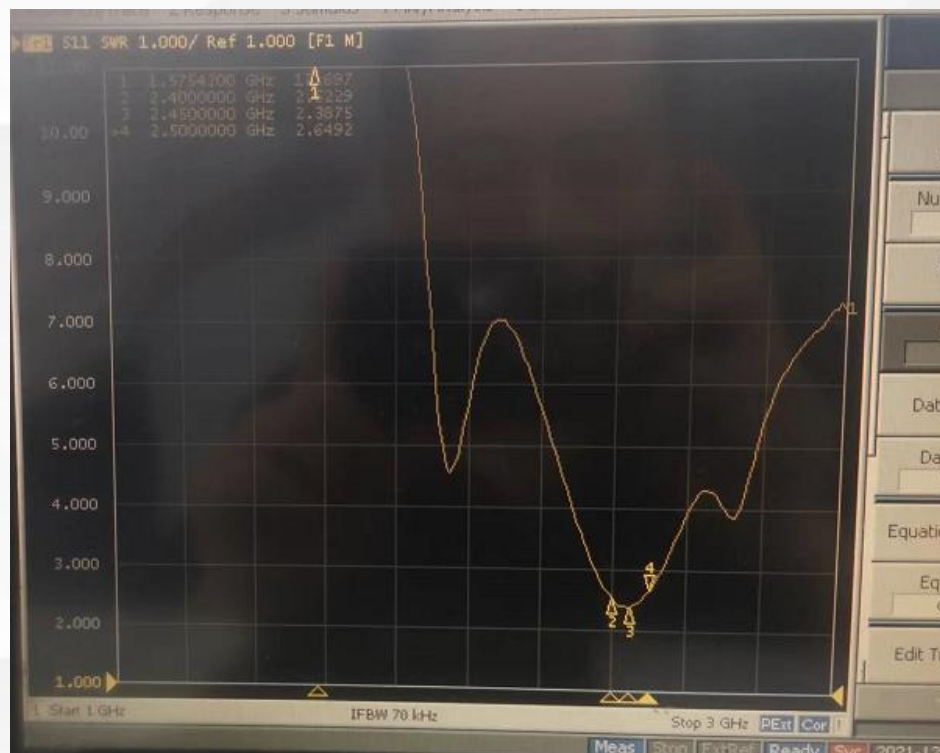


BT天线	Element	Value	
	E1(0201)		
	E2(0201)		
	E3(0201)		



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天线无源驻波图





BT 天线无源效率图

Passive Test For WIFI2.4			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	8.23	-10.85	-3.46
2410	8.46	10.73	-5.22
2420	8.05	-10.94	-5.97
2430	8.45	-10.73	-5.49
2440	9.34	-10.29	-4.89
2450	9.46	-10.24	-4.68
2460	9.42	-10.26	-4.51
2470	8.84	-10.53	-4.49
2480	9.12	-10.4	-4.1
2490	9.18	-10.37	-3.63
2500	9.38	-10.28	-3.29

天线无源方向图

