



深圳市凯普深通讯科技有限公司
Shenzhen Kaipushen Communication Technology Co., Ltd

Antenna test report

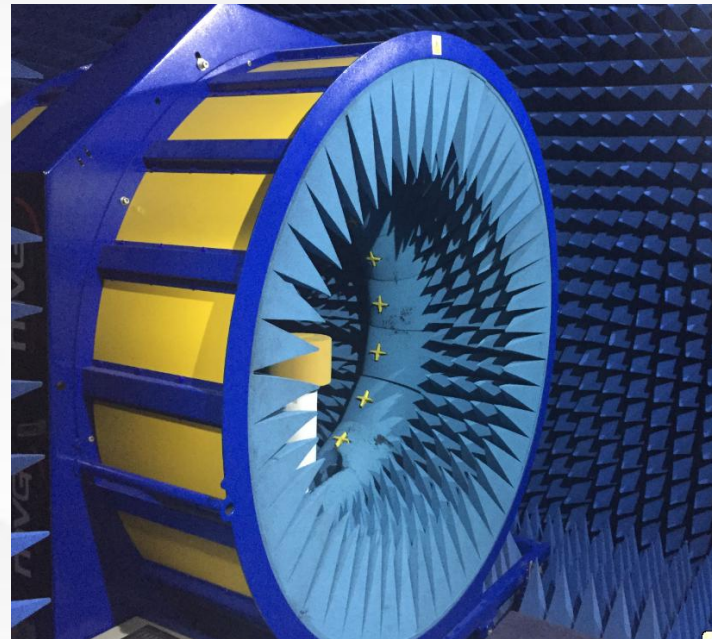
test report

Client : LeDai
Project name: C26
RF: Chen Gong
Date: 2023.07.12
Version: 01



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Laboratory testing environment and equipment



Test items	Test equipment
S11、S12、VSWR、LOSS	network analyzerE5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16darkroom、GP7*4*3darkroom、E5071B
TRP、TIS	Satimo SG16darkroom、GP7*4*3darkroom、8960、CMW500、MT8820C、E4438C、



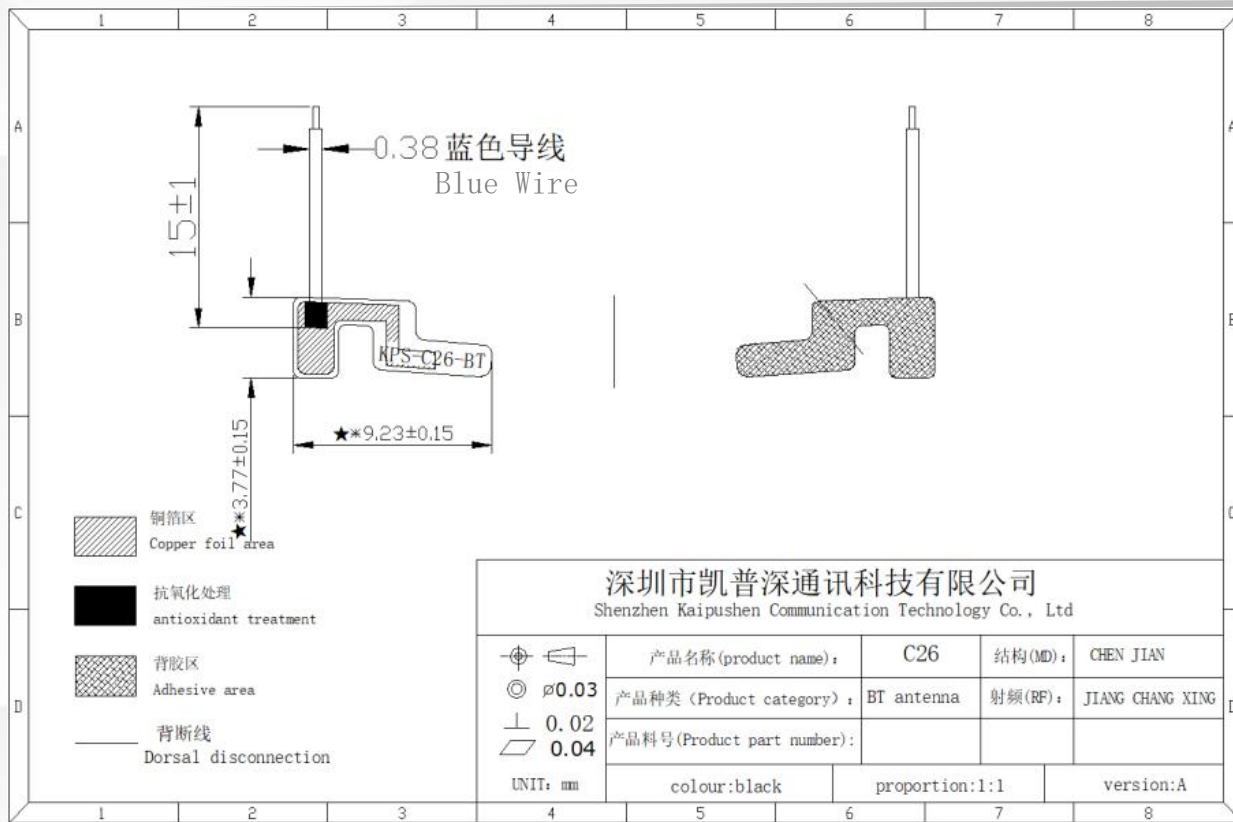
Introduction to Project Debugging

Type of complete machine			
		Frequency band information	antenna form
Antenna type and frequency band information			
	BT	2400M-2480M	Single stage
Antenna material	wireway+FPC		

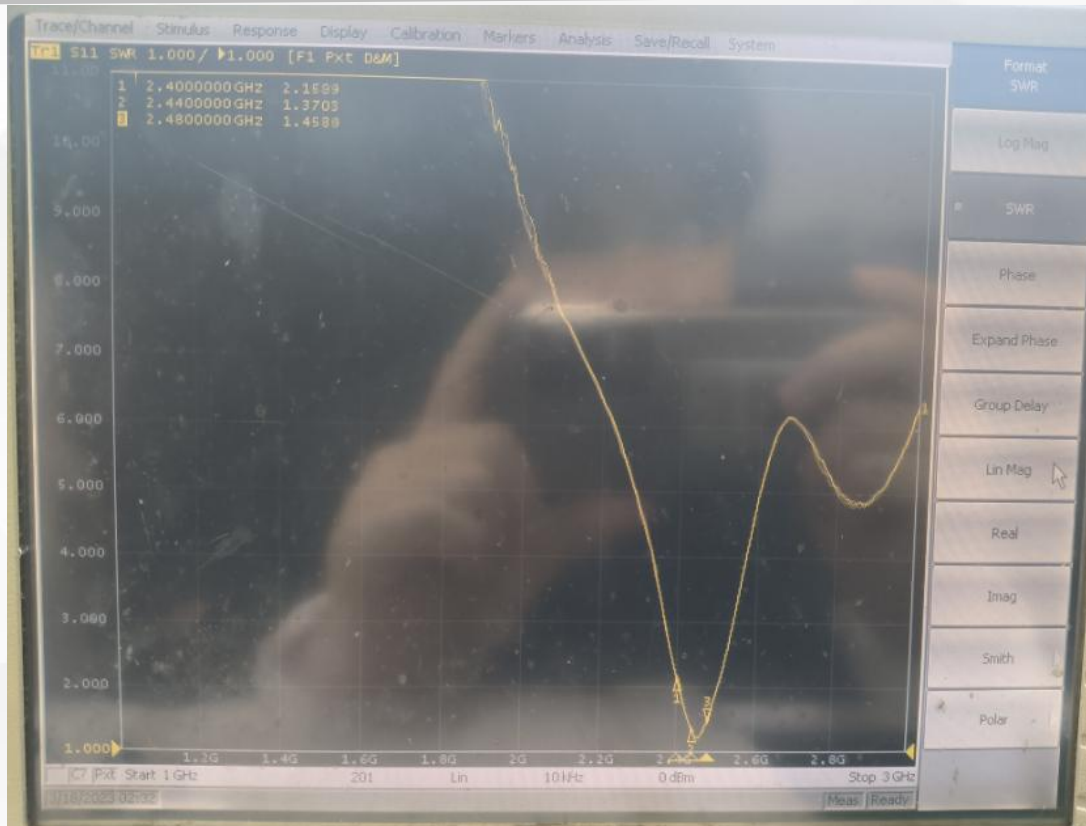


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Antenna size diagram



BT passive standing wave diagram





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BT efficiency test data

Free

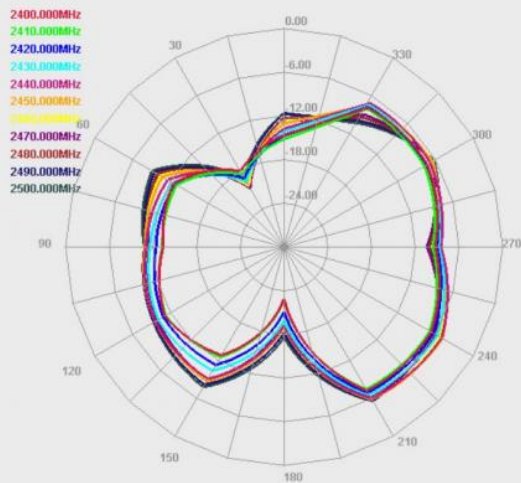
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	13.92	-9.24	-4.51
2410	13.18	-8.8	-4.2
2420	13.57	-9.01	-4.51
2430	16.47	-7.83	-3.55
2440	16.08	-7.94	-3.79
2450	16.75	-7.76	-3.77
2460	15.68	-8.05	-4.36
2470	17.26	-7.63	-4.03
2480	18.98	-7.22	-3.62
2490	14.69	-7.64	-2.92
2500	14.05	-7.57	-2.85



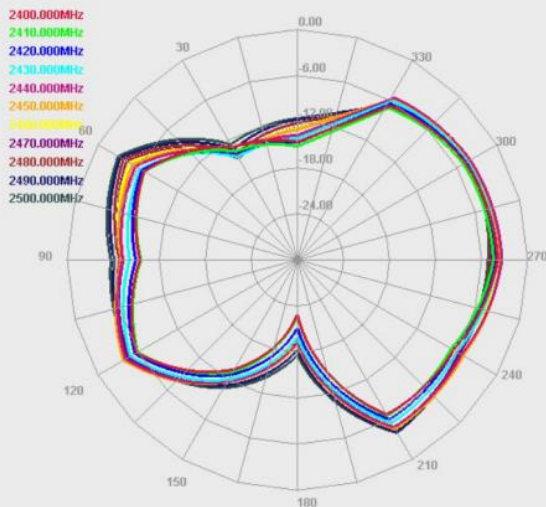
Antenna passive testing pattern

Free

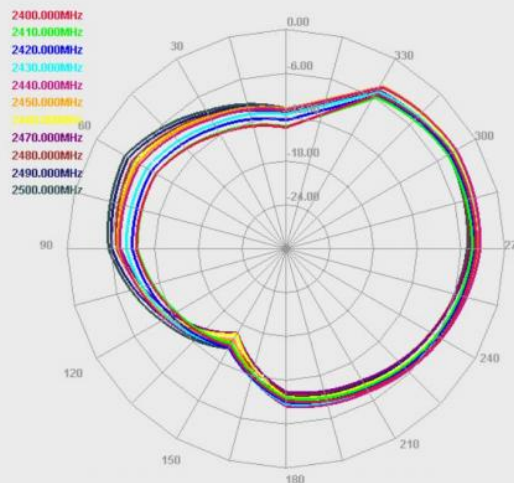
E1 Face



E2 Face



Horizontal





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THE END