



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

Antenna test report

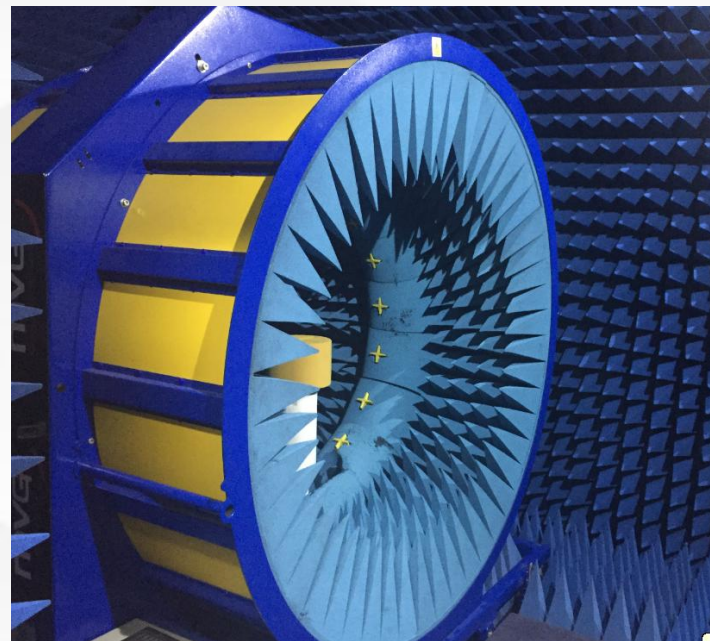
test report

Client : LeDai
Project name: W101
RF: Li Gong
Date: 2023.12.04
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、



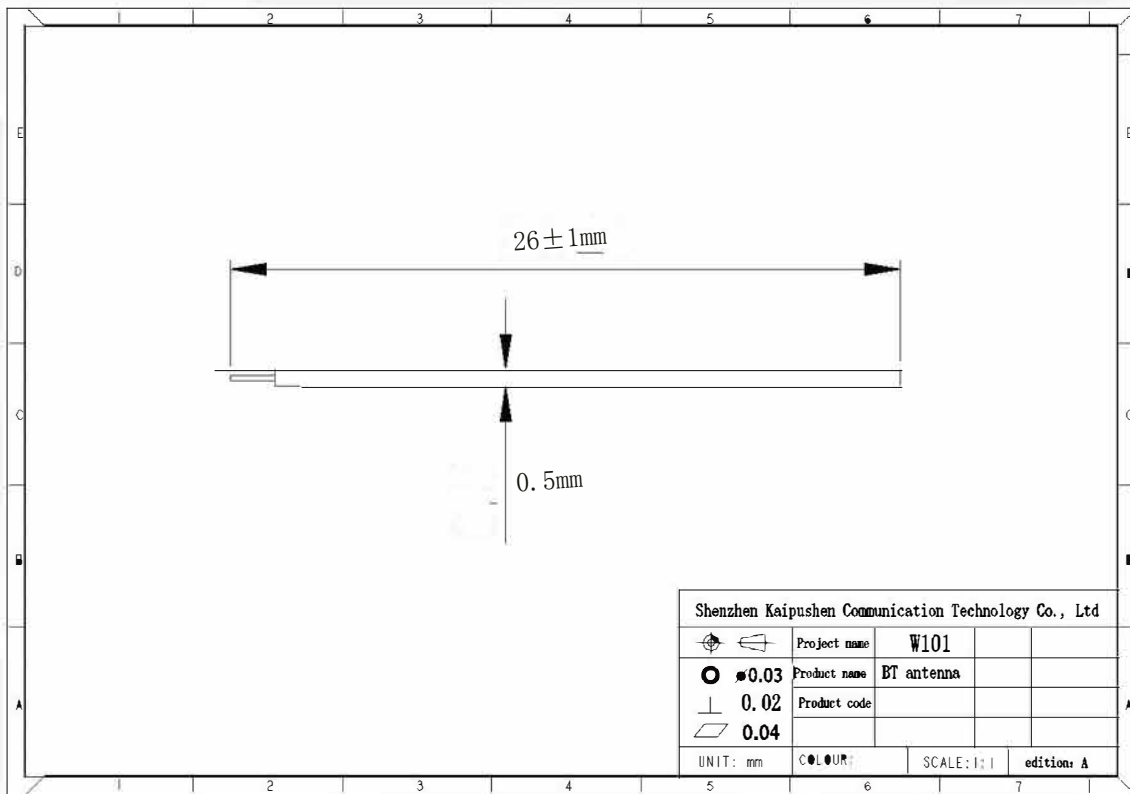
Introduction to Project Debugging

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



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Antenna size diagram





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BT passive standing wave diagram



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BT efficiency test data

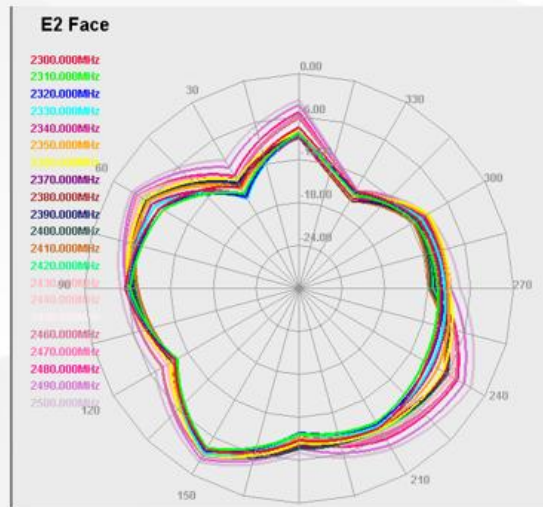
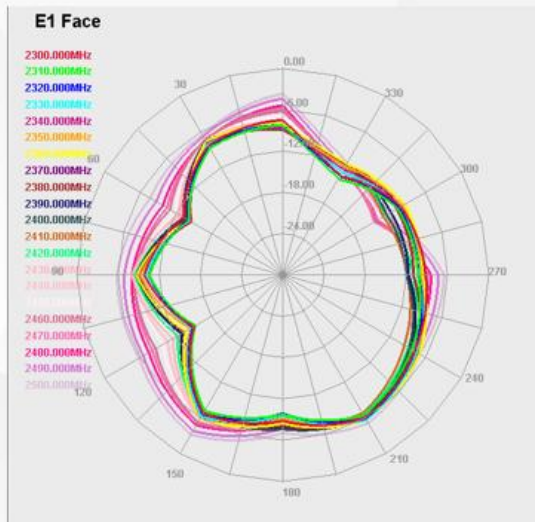
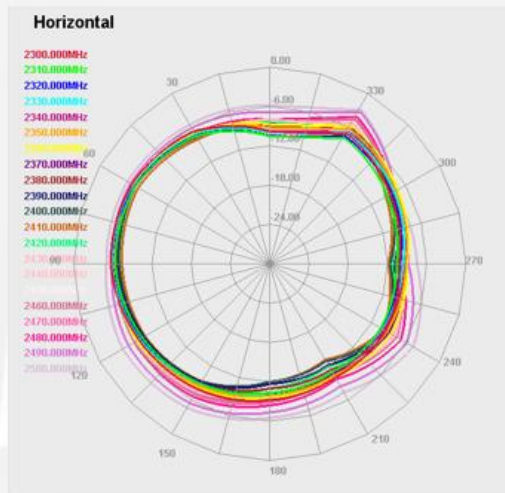
Free

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	14.88	-8.27	-3.02
2410	13.68	-8.64	-3.53
2420	14.89	-8.27	-3.47
2430	16.65	-7.79	-3.07
2440	17.26	-7.63	-2.89
2450	17.4	-7.59	-2.81
2460	19.08	-7.19	-2.43
2470	18.92	-7.23	-2.64
2480	19.6	-7.08	-2.7
2490	23.5	-6.29	-2.11
2500	27.34	-5.63	-1.51



Antenna passive testing pattern

free





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THE END