



Shenzhen Kaipushen Communication
Technology Co., Ltd

Antenna test report

test report

Customer: XiaoJu

Item:

RF:

Date: 2021.11.2

Edition: 01

Laboratory test environment and equipment



Test item	testing facility
S11、S12、VSWR、LOSS	Network Analyzers E5071B, E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16 Darkroom、GP7*4*3 Darkroom、E5071B
TRP、TIS	Satimo SG16 Darkroom、GP7*4*3 Darkroom、8960、CMW500、MT8820C、E4438C、



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Introduction to project commissioning

Type of Complete machine	C01 Smart Watch			
		Frequency band information	Antenna form	Match changes
Antenna type and frequency band information	Antenna	2400-2480MHZ	monopole	
Antenna material	Polyethylene Wire			



Antenna passive efficiency diagram

free

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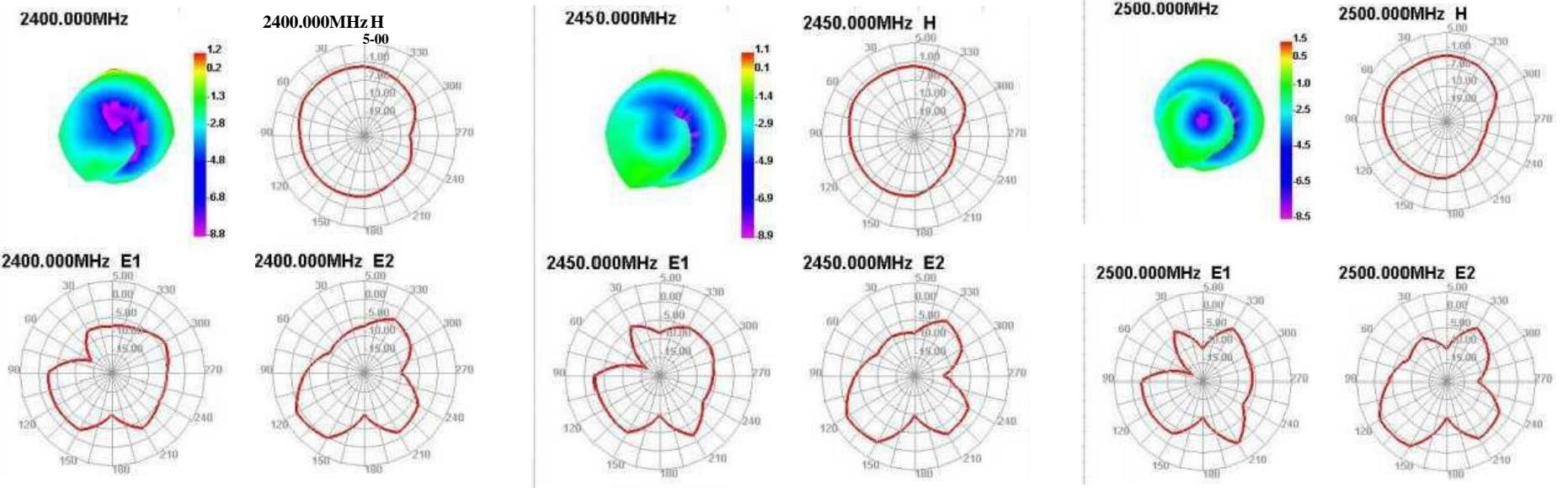
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	41.95	-3.77	1.2
2410	38.79	-4.11	1.02
2420	38.24	-4.17	0.97
2430	38.04	-4.2	0.95
2440	40.61	-3.91	1.11
2450	40.82	-3.89	1.11
2460	40.18	-3.96	1.09
2470	37.63	-4.24	0.87
2480	38.87	-4.1	0.94
2490	41.34	-3.84	1.13
2500	39.42	-4.04	0.55



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Antenna passive Apple diagram

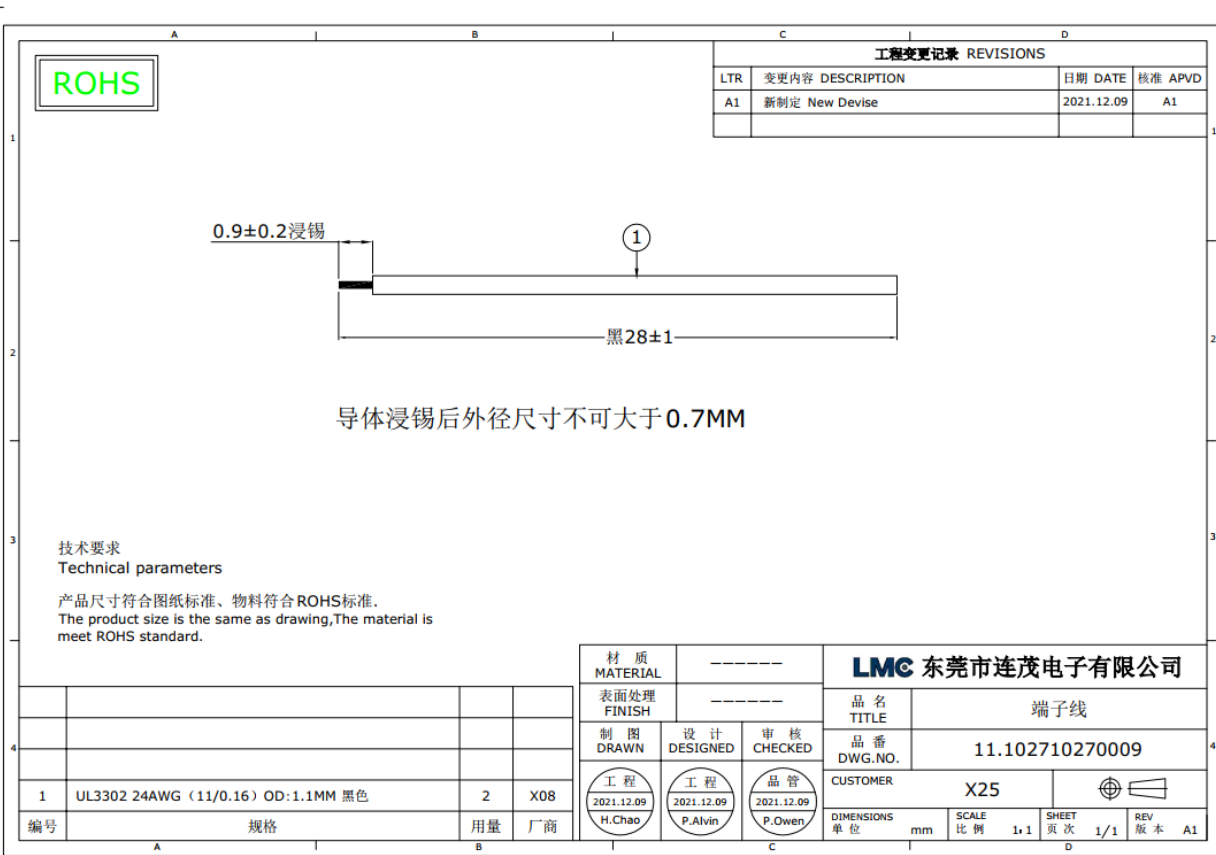
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Antenna Specitification





Antenna Picture





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Contact

RF:

Telephone:

Email:

Address: 2nd Floor, Building 1, Yulong Building, Longcheng Industrial Zone, No.440, Longguan Avenue, Longhua District, Shenzhen



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THE END

Thank you for your input!