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深圳力同创科技有限公司

Shenzhen Li Tongchuang Technology Co., Ltd.

EQ002-天线测试报告

Antenna Test Report

◆ Data: 2026年03月04日

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1.测试工具

Vector Network Analyzer & Comprehensive Tester	Agelent Techmologies E5071B & R&S CMW500
Darkroom	Atenlab M3
Project Engineer	庄志成
Temp	25℃



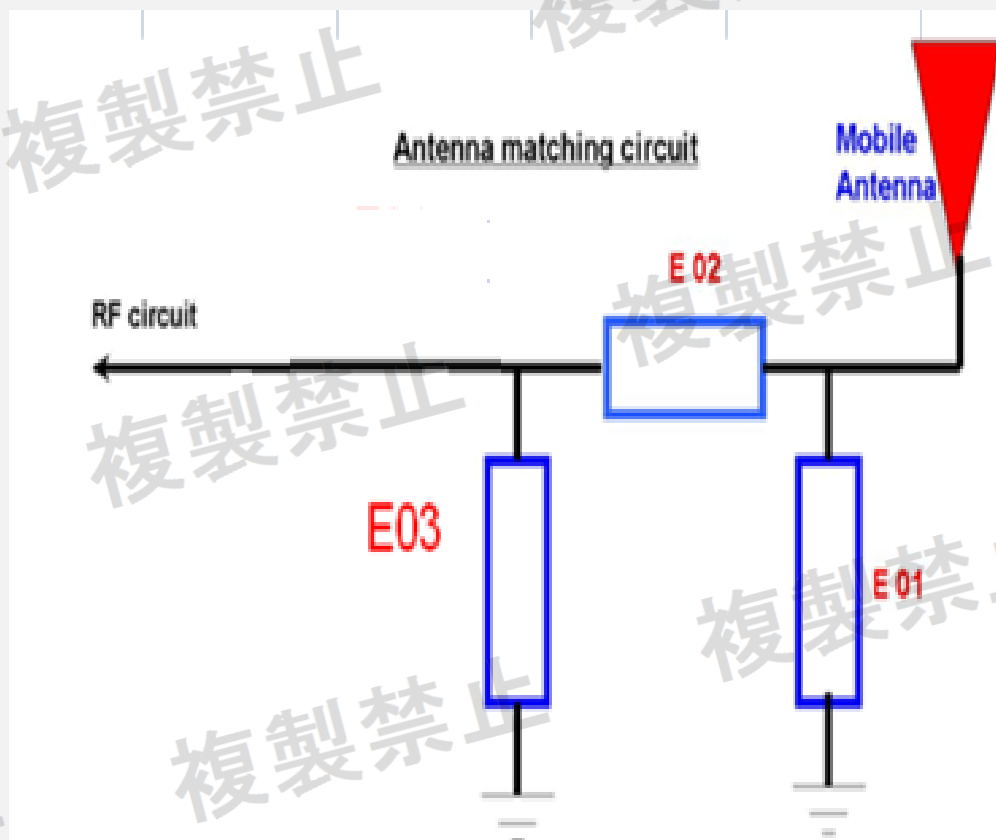


Customer	君悦互联	Item	EQ002
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Band	2400MHZ-2500MHZ		
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DATA	2026/03/04	Phone:	13510605042
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Matching circuit diagram:



E01	NC
E02	OR
E03	NC

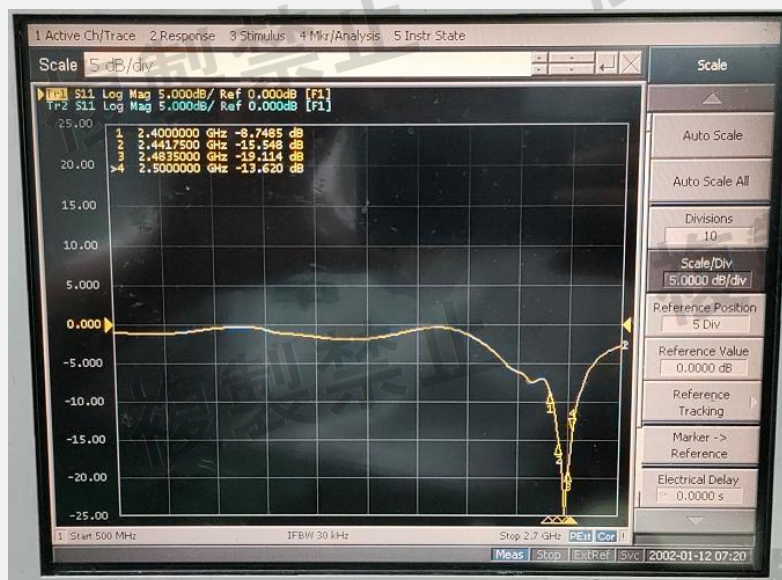
FPC天线

天线回波损耗及驻波比 Antenna echo loss and standing wave ratio

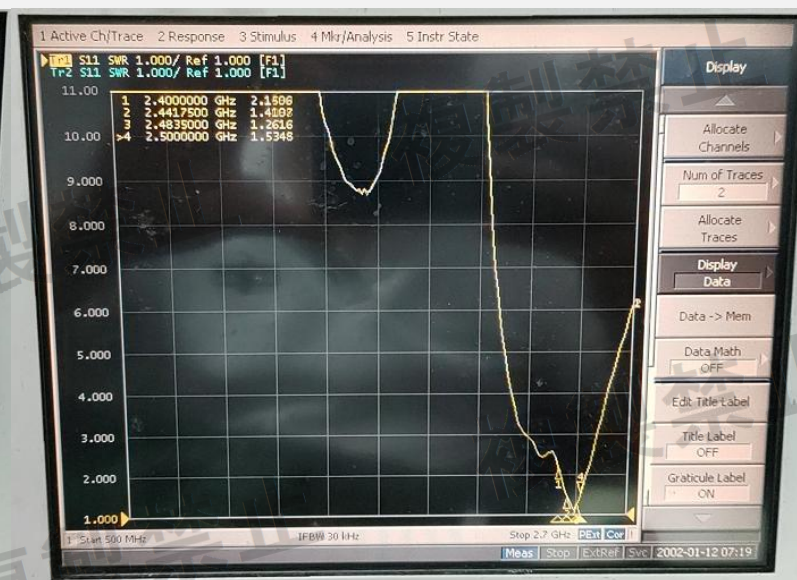
LI Tong ANT S11 parameter Summary

Band	2400~2500 (MHz)		
	2400	2450	2483
R. L (dB)	-8.7	-15.5	-19.1
VSWR	2.1	1.4	1.2

LOG

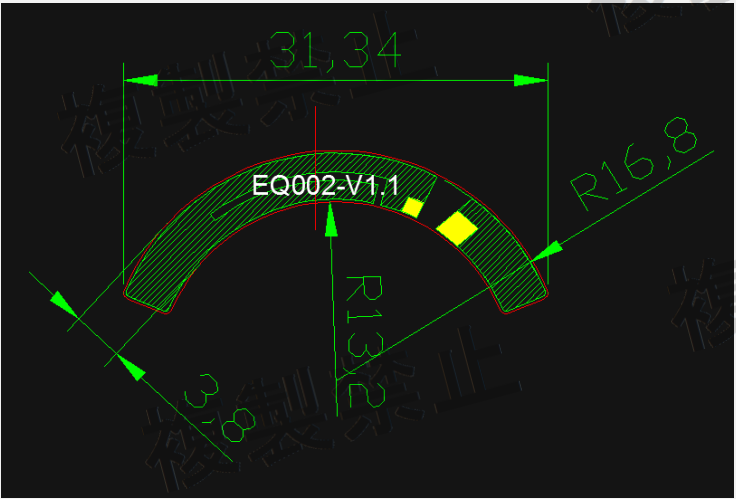


VSWR



天线信息-尺寸与图片:

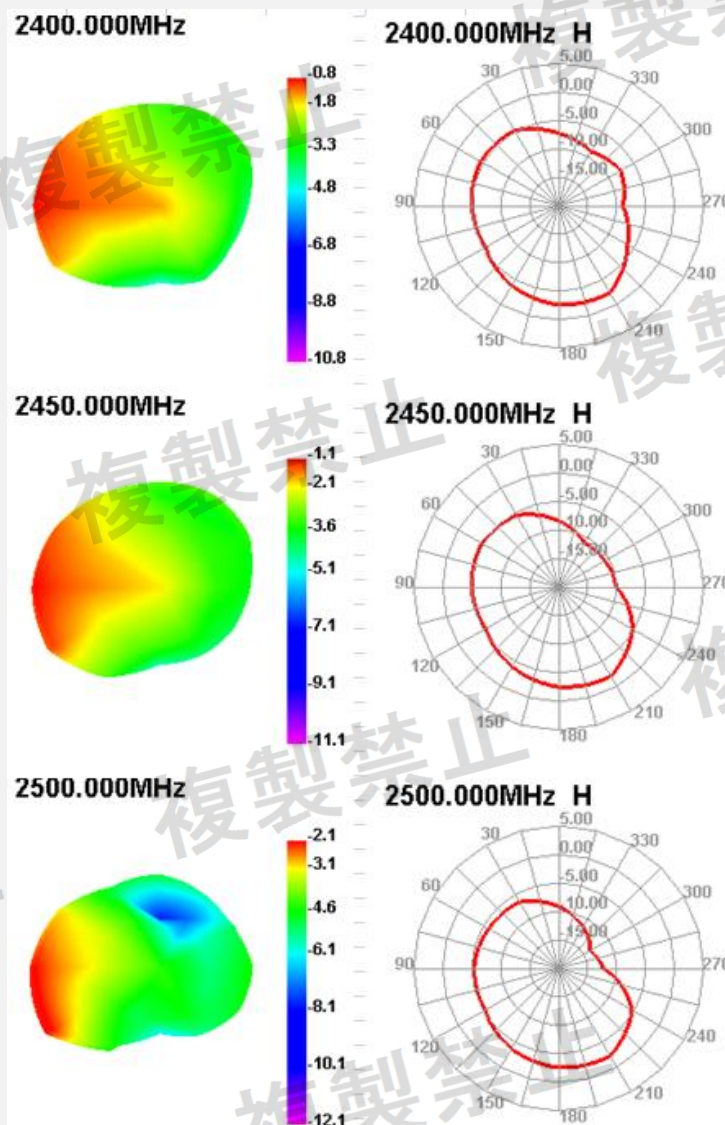
Manufacturer:	Shenzhen Li Tongchuang Technology Co., Ltd.
Band:	2400MHZ 2485MHZ
Type:	FPC Antenna



EQ002 Free space passive test data



Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
2400	29.28	-5.33	-0.79	-2.94
2410	27.34	-5.63	-0.96	-3.11
2420	25.25	-5.98	-1.18	-3.33
2430	23.45	-6.3	-1.46	-3.61
2440	24.28	-6.15	-1.37	-3.52
2450	26.3	-5.8	-1.07	-3.22
2460	22.62	-6.45	-1.76	-3.91
2470	23.78	-6.24	-1.65	-3.8
2480	25.45	-5.94	-1.49	-3.64
2490	24.52	-6.1	-1.79	-3.94
2500	24.14	-6.17	-2.11	-4.26



Peak Gain

-0.79dBi

EQ002 Free space OTA test data

	Channel No.	Frequency (mHz)	TRP (dBm)	TIS (dBm)
Phone Tx (Uplink Path)	0	2402	1.35	
	39	2441	1.64	
	78	2480	1.81	
Phone Rx (Downlink Path)	0	2402		-88.26
	39	2441		-87.35
	78	2480		-88.68

感谢您的观看！
合作愉快

