



深圳力同创科技有限公司

Shenzhen Li Tongchuang Technology Co., Ltd.

天线测试报告

Antenna Test
Report

◆ 日期: 2020年07月14日



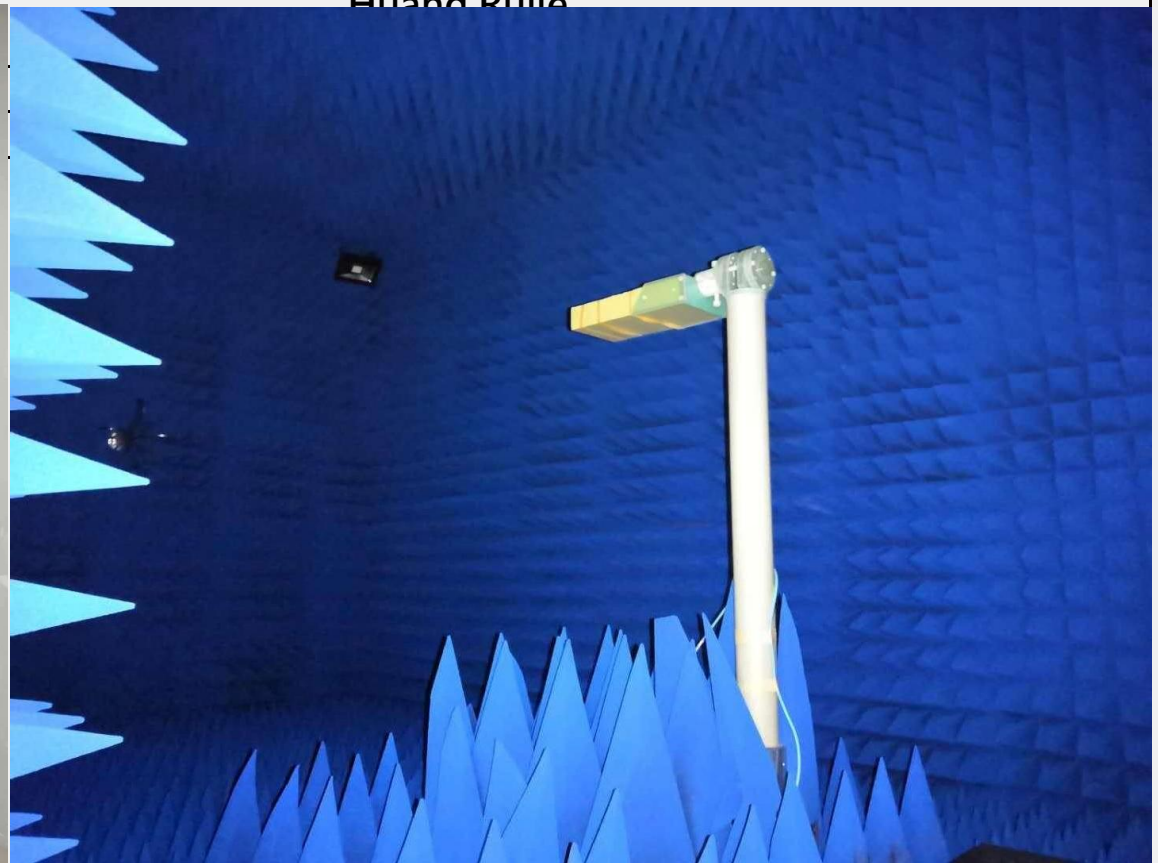
client		project name	LiberLive C1 2022.04.26 V1.0
frequency range	2400MHZ-2500MHZ	Antenna Engineering:	Huang Ruile
date	2022/07/14	contact number:	18682200138
producer	Shenzhen Jialichuang Technology Development Co., Ltd		
Production address	2, Business Daily Road, Futian District, Shenzhen City, Guangdong Province 27th F, Olympic Building No		

1.测试工具

Vector Network
Analyzer &
Comprehensive
Survey
appearance
darkroom
Quality Testing

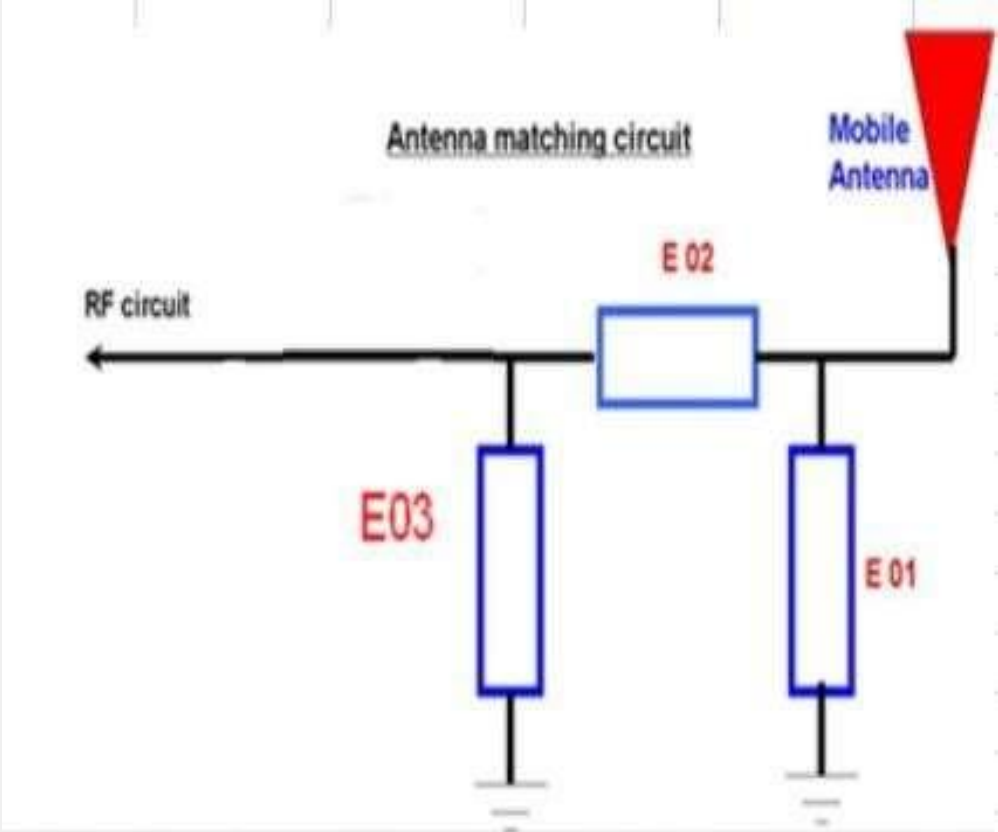
Agilent Technologies E5071B & R&S CMW500

Atenlab M3
Huang Buile





Match
circuit
diagram:



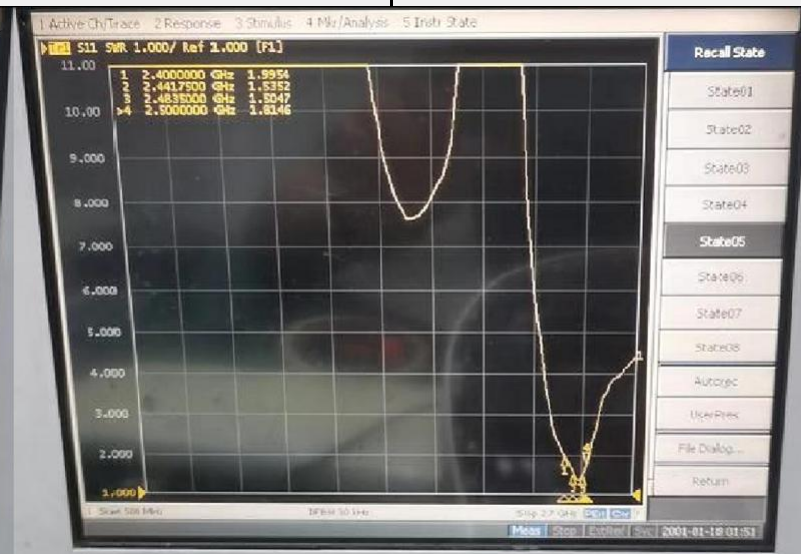
E01	1.2PF
E02	OR
E03	N/C

Echo loss and standing wave

ANT

S11 parameter Summary

Band	(2400-2500(MHz))		
	2400	2450	2500
R.L(dB)	-9	-14	-10
VSWR	1.9	1.5	1.8



Antenna gain

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
2400	26.09	-5.84	-1.05	-3.2
2410	27.97	-5.53	-0.69	-2.84
2420	21.75	-6.63	-1.79	-3.94
2430	24.57	-6.1	-1.12	-3.27
2440	23.16	-6.35	-1.28	-3.43
2450	24.19	-6.16	-0.99	-3.14
2460	27.09	-5.67	-0.48	-2.63
2470	21.99	-6.58	-1.4	-3.55
2480	28.12	-5.51	-0.34	-2.49
2490	24.29	-6.14	-0.98	-3.13
2500	23.45	-6.3	-1.06	-3.21

