

深圳粤讯通信科技有限公司

Shenzhen yosong Communication Technology Co., Ltd

天线测试报告

Antenna Test Report



DATE: 2022.05.19



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1. Project tuning brief introduction

Customer		Pugongying		Project Type		Camera Bluetooth remote control	
Project Name		Camera head		Antenna type		ceramic antenna	
Antenna detail	Main Antenna	Band		Antenna status	Antenna area	Antenna category	Antenna match circuit change or not
		2.4GWiFi	2400-2500MHZ	ceramic antenna	PCB		yes
	Other antenna						



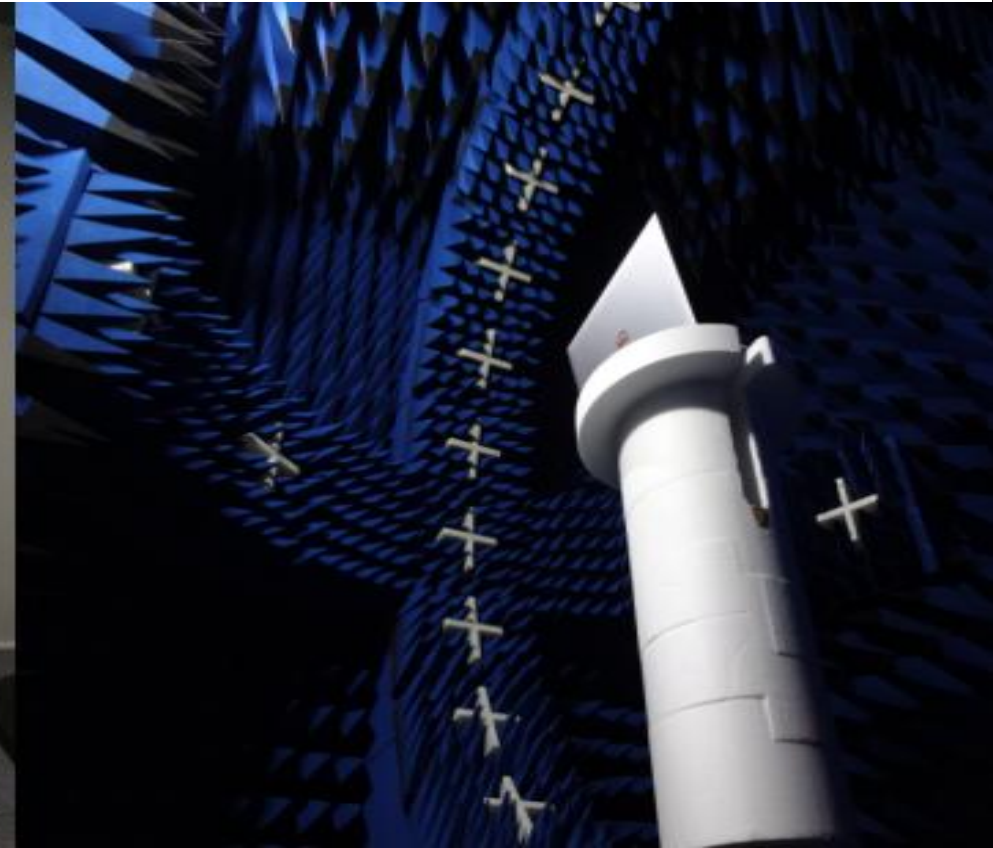
2. Project team key responsible INFO.

Sales	dongmingxing	13823366570	mingxing@szyosong.com
RF Engineer	Zhou Hao	15618135160	zh@szyosong.com
Mechanical Engineer	Heye	18576423302	heye@szyosong.com

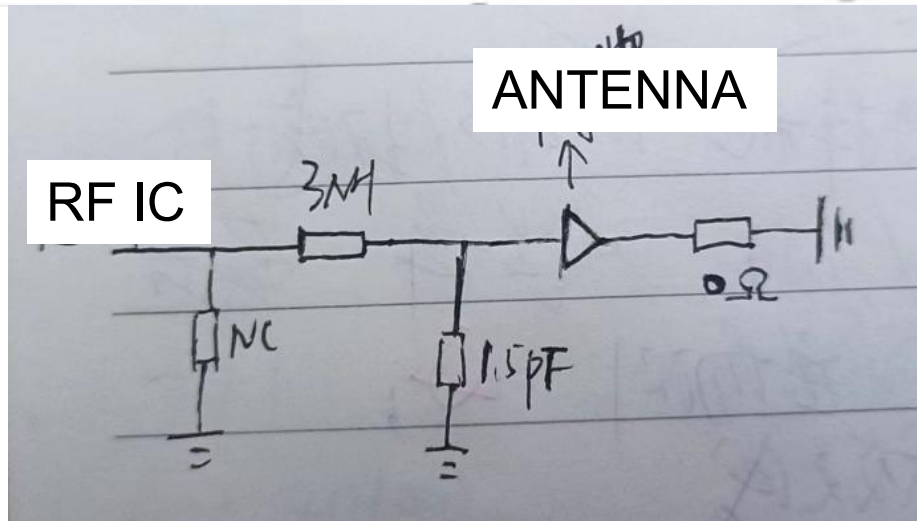
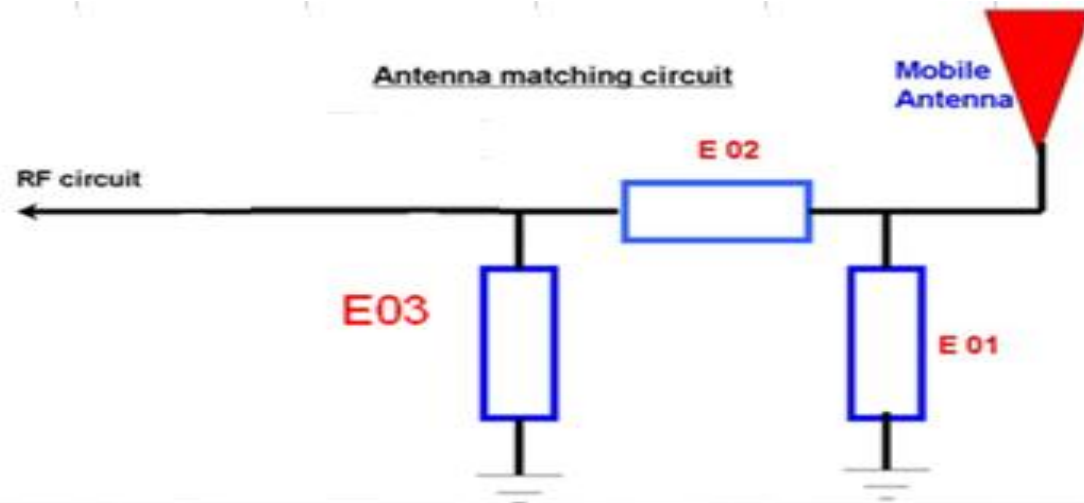


3. RF test environment

Main test equipment	CMW500
Antenna Chamber	Atenlab M3
Test Engineer	Yi Wei
Temp.	25°C
Humidity	65% (RH)



4. Antenna circuit treatment and layout



E01	1.5PF
E02	3NH
E03	

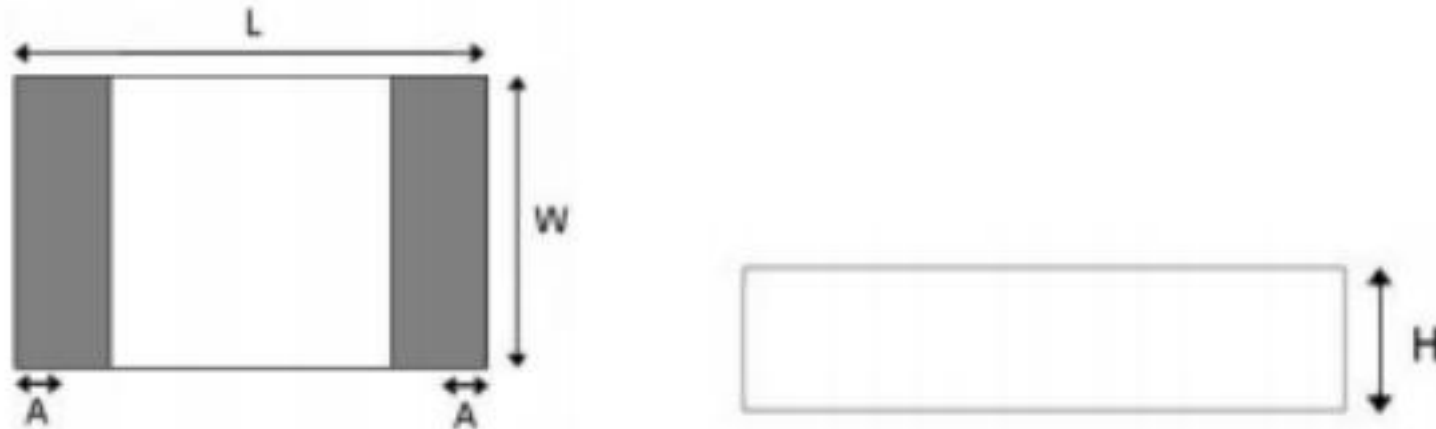
5. Device photo



5. 1 antenna photo

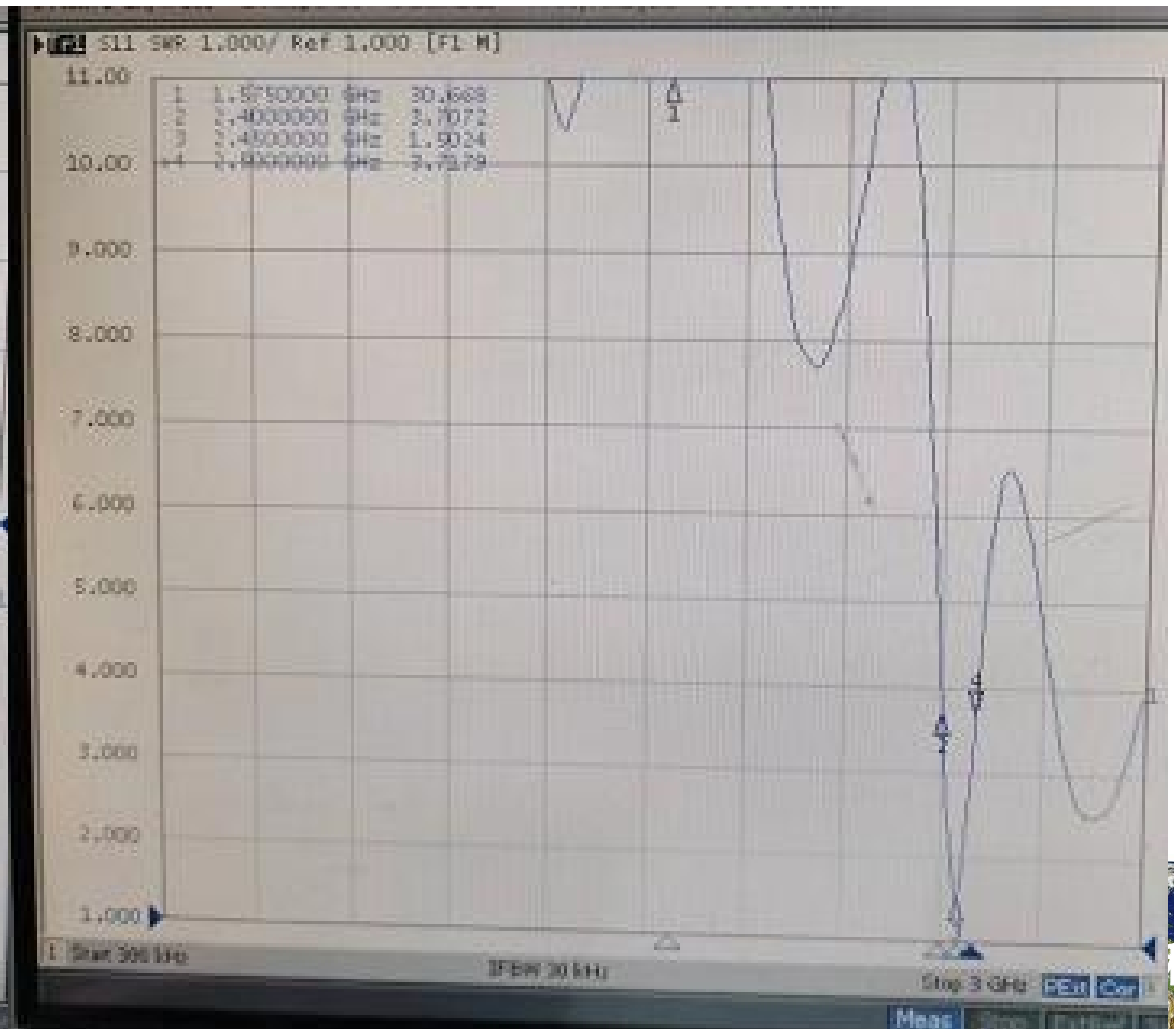


5. 1 antenna shape and dimensions



L	W	H	A
3.2±0.3	1.6±0.3	0.52±0.2	0.4±0.25

6. YOSONG ANT passive data: return loss and SWR



6. passive data

2.4G			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2400	26.89	-5.70	-0.72
2410	27.84	-5.55	-0.84
2420	28.89	-5.39	-0.53
2430	29.84	-5.25	-0.14
2440	31.11	-5.07	0.28
2450	30.93	-5.10	0.44
2460	30.61	-5.14	0.35
2470	30.47	-5.16	0.54
2480	29.27	-5.34	0.18
2490	28.81	-5.40	-0.36
2500	27.54	-5.60	-0.6



THANK YOU



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