

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

日期：2022年11月18日



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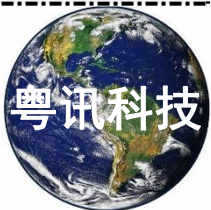
1. Project tuning brief introduction

Customer		SYMSONIC		Project Type		1881	
Project Name		PHONE		Antenna type		stainless steel	
Antenna detail	Main Antenna	Band		Antenna status	Antenna area	Antenna category	Antenna match circuit change or not
		2G	GSM 850/1900				NO
	Other antenna						



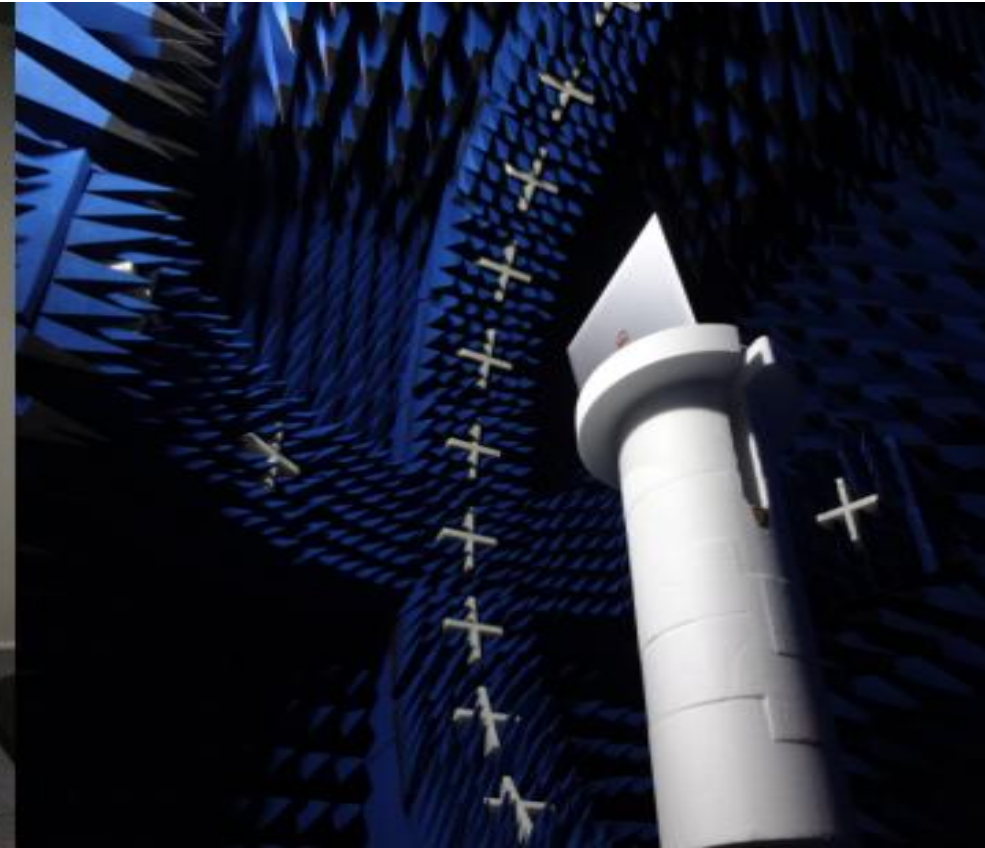
2. Project team key responsible INFO.

Sales	Kent Zhang	13662639082	Kent.zhang@szyosong.com
RF Engineer	Zhou Hao	15618135160	zh@szyosong.com
Mechanical Engineer	Heye	18576423302	heye@szyosong.com

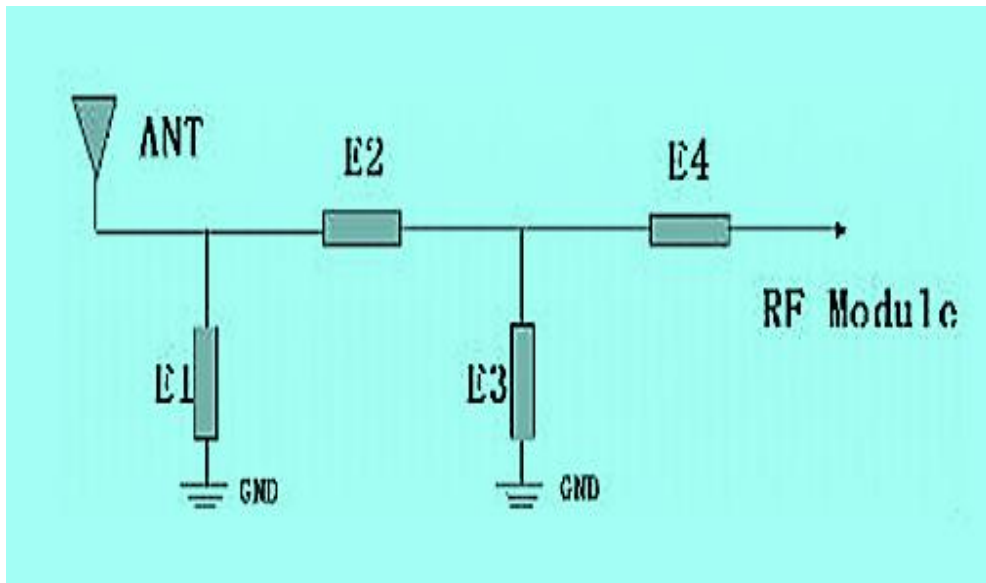


3. RF test environment

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

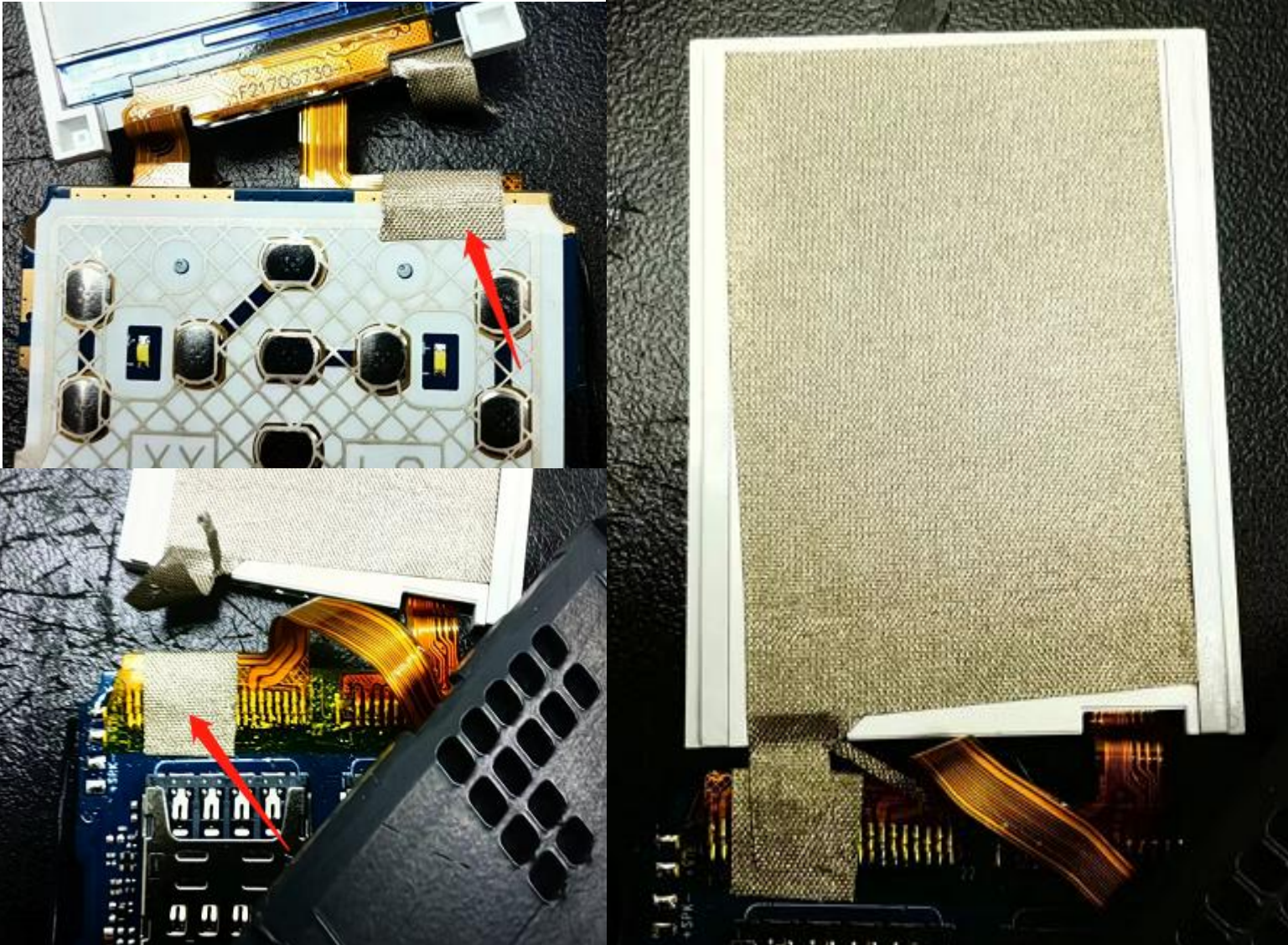


4. Antenna circuit treatment and layout



**No change for circuit
and surrounding treat**

4.1 The shielding method of full handset



As the figure shown, we can promote the power and sensitivity of the low frequency through adding the length of GND by the means of attaching conductive material from the top and bottom of PCBA.

YoSong ANT TRP&TIS parameter Summary

Band	GSM850			PCS1900		
Channel	128	192	251	512	661	810
TRP (dBm)	27.43	27.89	28.05	25.36	25.43	25.6
TIS (dBm)			-103.87			-103.51

THANK YOU