

Xinjincheng Technology Co., LTD

Antenna test report

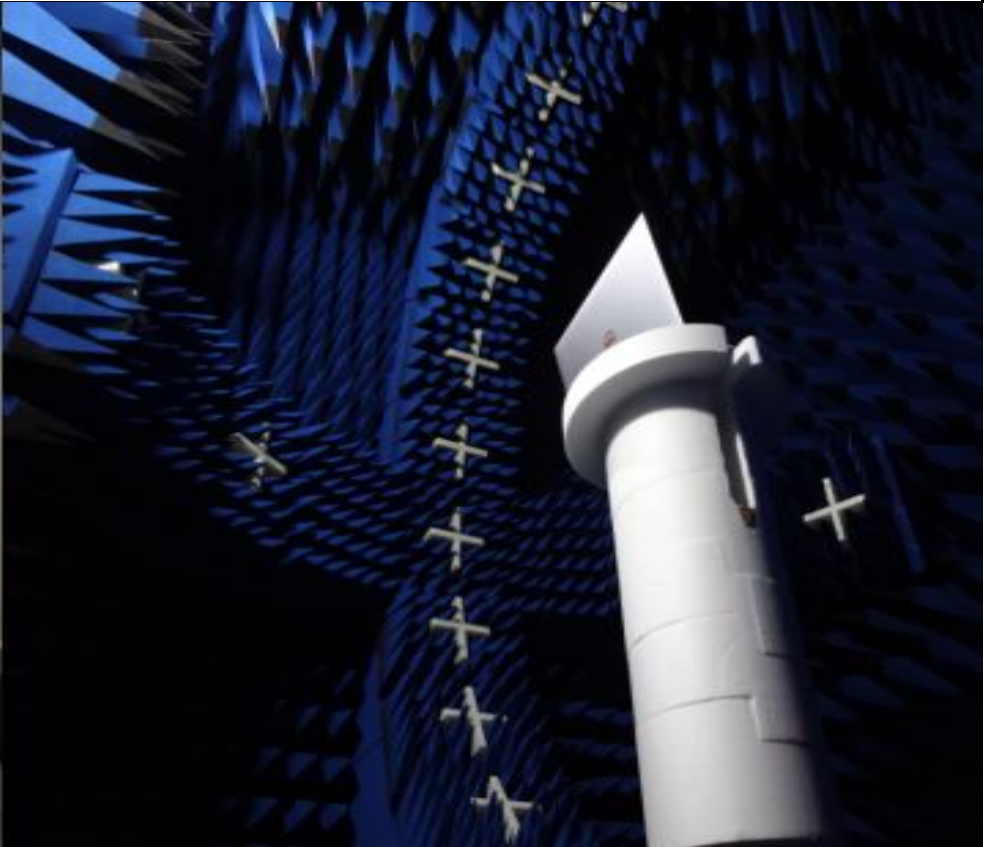
Customer:	驰腾科技
Project model:	A18240CG
Motherboard type:	CG218B-V1.1
Test Date:	2022.12.26

Frequency Engineering:

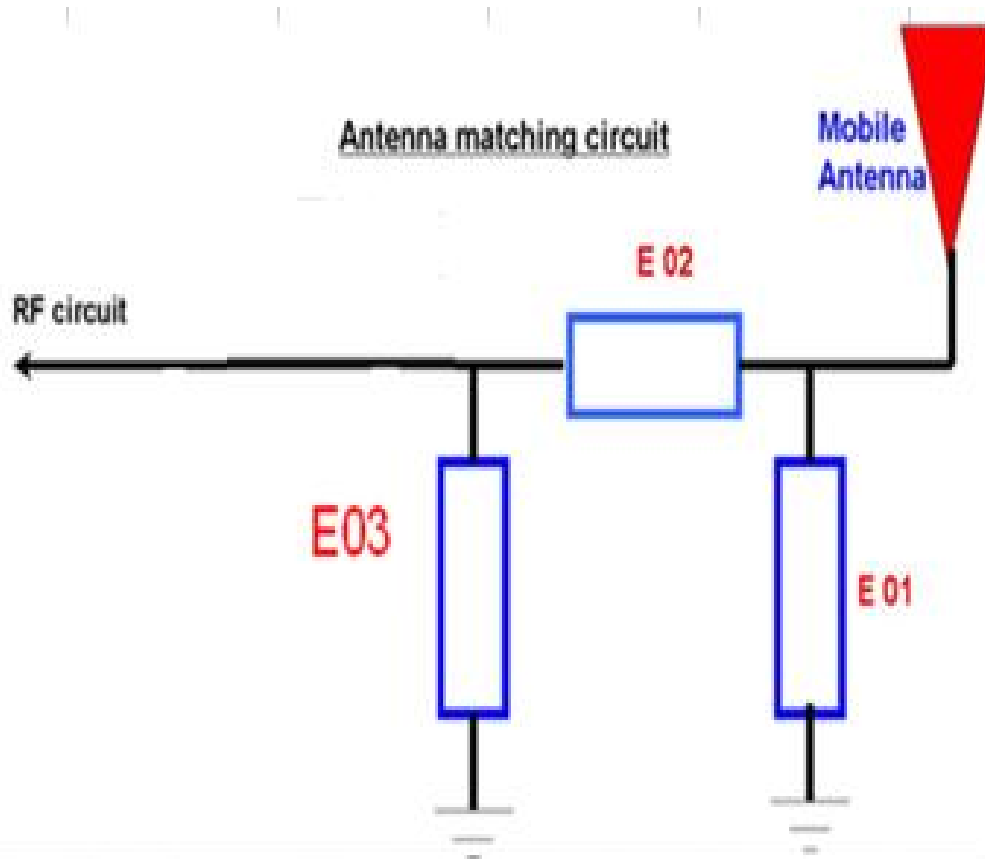
Contact Telephone:

Whvw1H t xls p hqw

Integrated.measuring.instrument	Agilent 8960
Gdunur r r p	Atenlab M1
Test.engineer	杨继荣
Temperature	25℃
Humidity	65% (RH)



Main antenna matching circuit and parameters



E01

E02

E03

Note: The main antenna matching circuit is unchanged

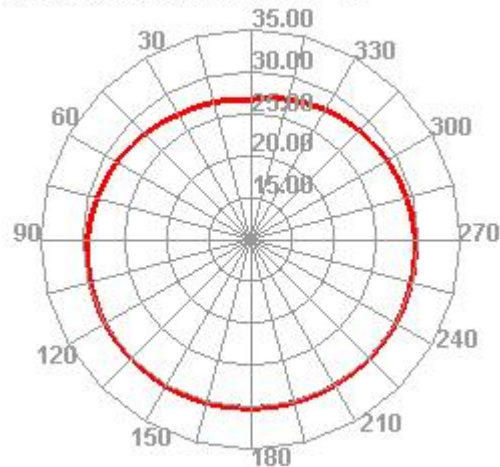
Mobile phone antenna test data 《Two frequencies:850/1900》

	GSM900			DCS1800		
CHN	1	62	124	512	698	885
MAX POWER						
TRP						
RX						
TIS						
	GSM850			PCS1900		
CHN	128	190	251	512	661	810
MAX POWER	30.52	30.84	30.2	28.3	28.8	29.5
TRP	28.19	28.23	27.89	24.87	25.49	25.81
RX	-107.2	-107.4	-106.9	-108.62	-109.12	-110.5
TIS	-103.9	-104.1	-104.0	-104.32	-105.06	-105.27

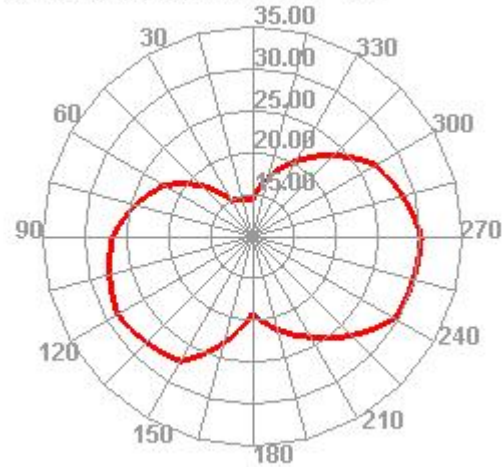
Antenna passive parameter

[illegible]

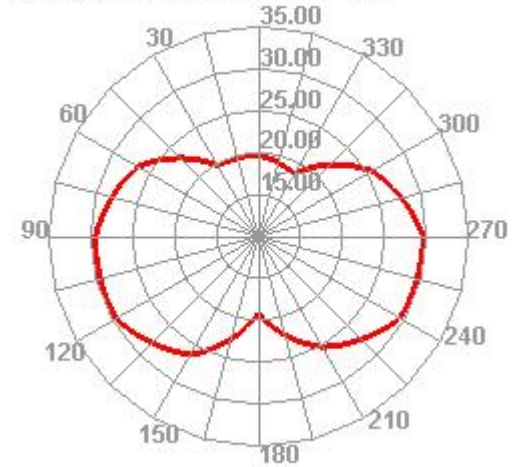
GSM850 251 TRP H



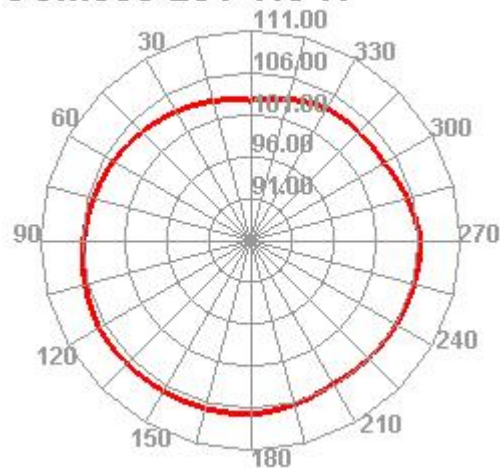
GSM850 251 TRP E1



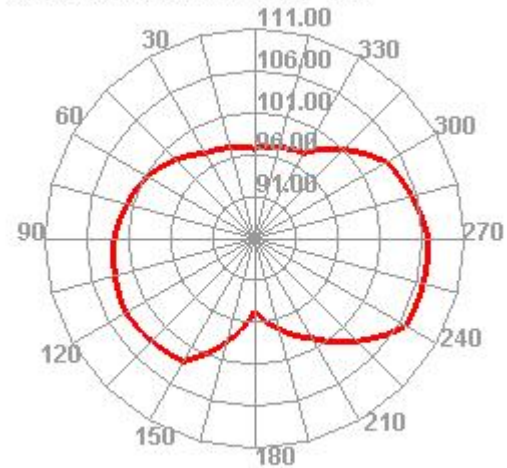
GSM850 251 TRP E2



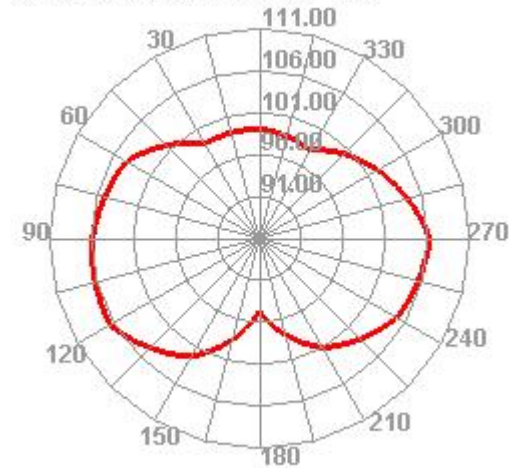
GSM850 251 TIS H



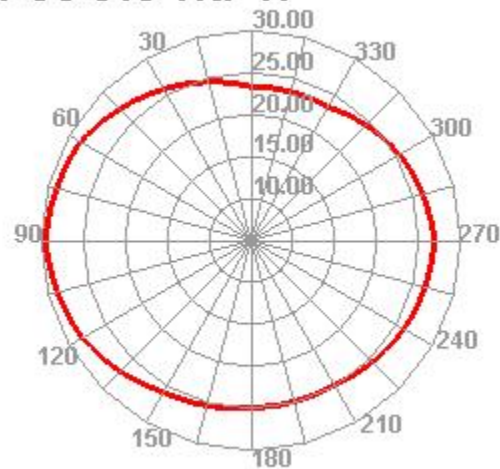
GSM850 251 TIS E1



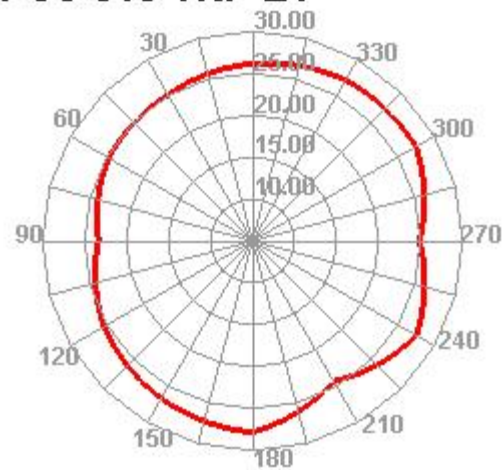
GSM850 251 TIS E2



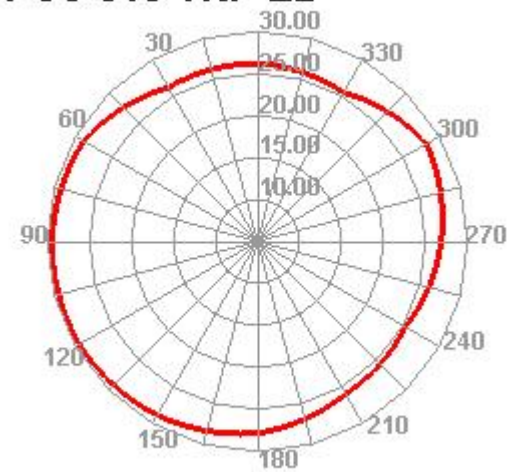
PCS 810 TRP H



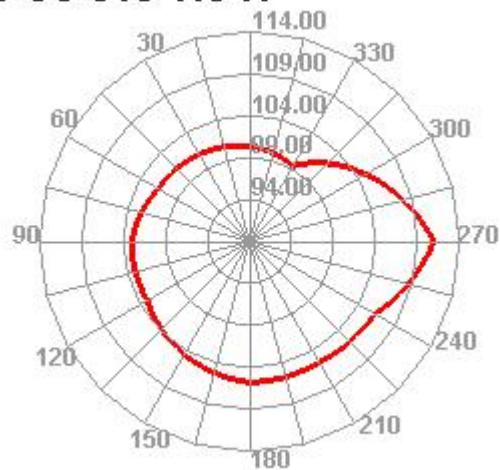
PCS 810 TRP E1



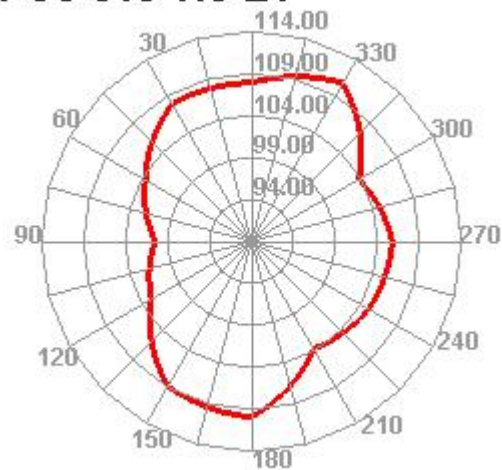
PCS 810 TRP E2



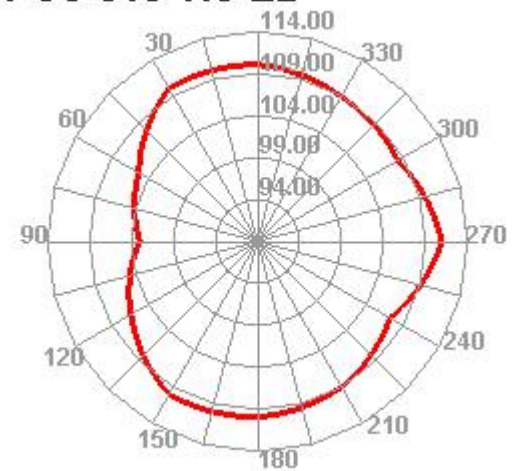
PCS 810 TIS H



PCS 810 TIS E1



PCS 810 TIS E2

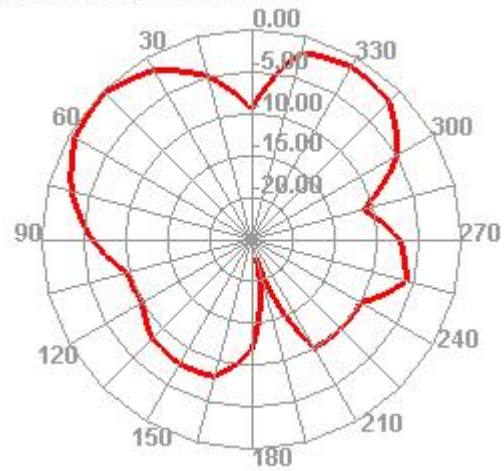


PCB ANT passive data:

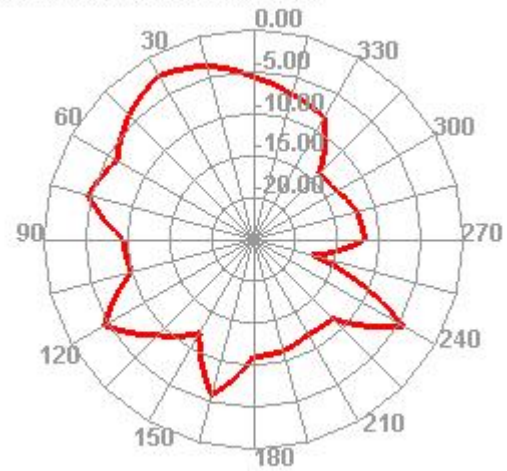
Efficiency

Passive Test For BT		
Freq	Effi	Effi
(MHz)	(%)	(dB)
2410	41.43	-3.83
2420	40.57	-3.92
2430	40.24	-3.95
2440	39.57	-4.03
2450	38.51	-4.14
2460	37.49	-4.26
2470	36.67	-4.36
2480	35.75	-4.47
2490	35.14	-4.54
2500	34.76	-4.59

2400.000MHz H



2400.000MHz E1



2400.000MHz E2

