

深圳市安威无线科技有限公司

ANWEI commnuication Equipment Co.,Ltd

规格书

APPROVAL SHEET

客户 Customer	Youmi	规格型号 Specs	G5A
安威料号 Part Number		频 段 Frequency Band	2G:2/3/5/8 3G:1/2/4/5/8 4G:B1/2/3/4/5/7/8/12/17/20/28/66/38/40/41
颜 色 Color	Black	版 本 Edition	REV:A
销 售 Salesperson	Mr.Xie	设 计 Design	Lei Yao Bo
结 构 Structure	QIN YUN LIN	确 认 Confirm	
日 期 Date	2023/7/10	签字日期 Signing Date	

客户确认 Customer confirmation:

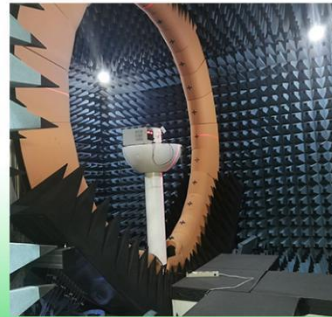
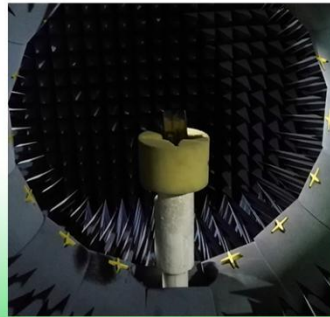
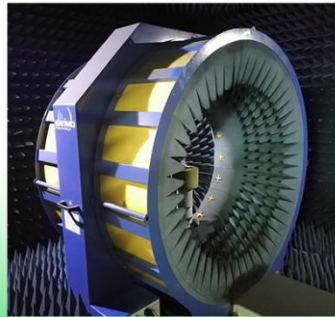
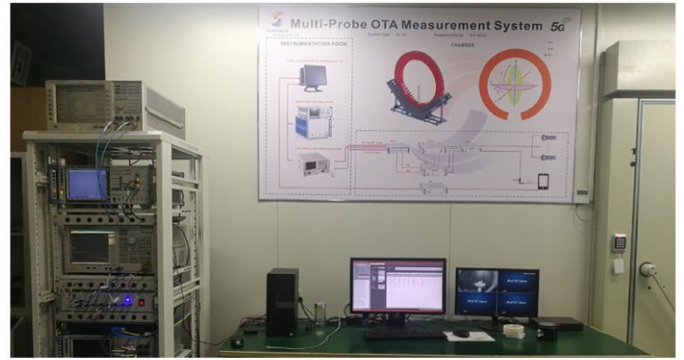
ANT Manufacturers: ANWEI commnuication Equipment Co.,Ltd
Address:2nd Floor, East Block, Building 5, Yifenghua Innovation Industrial Park,
Huaning Road, Dalang Street, Longhua District, Shenzhen City, Guangdong Province

携手共进 共创未来

Join hands to create the future

● 项目开发环境

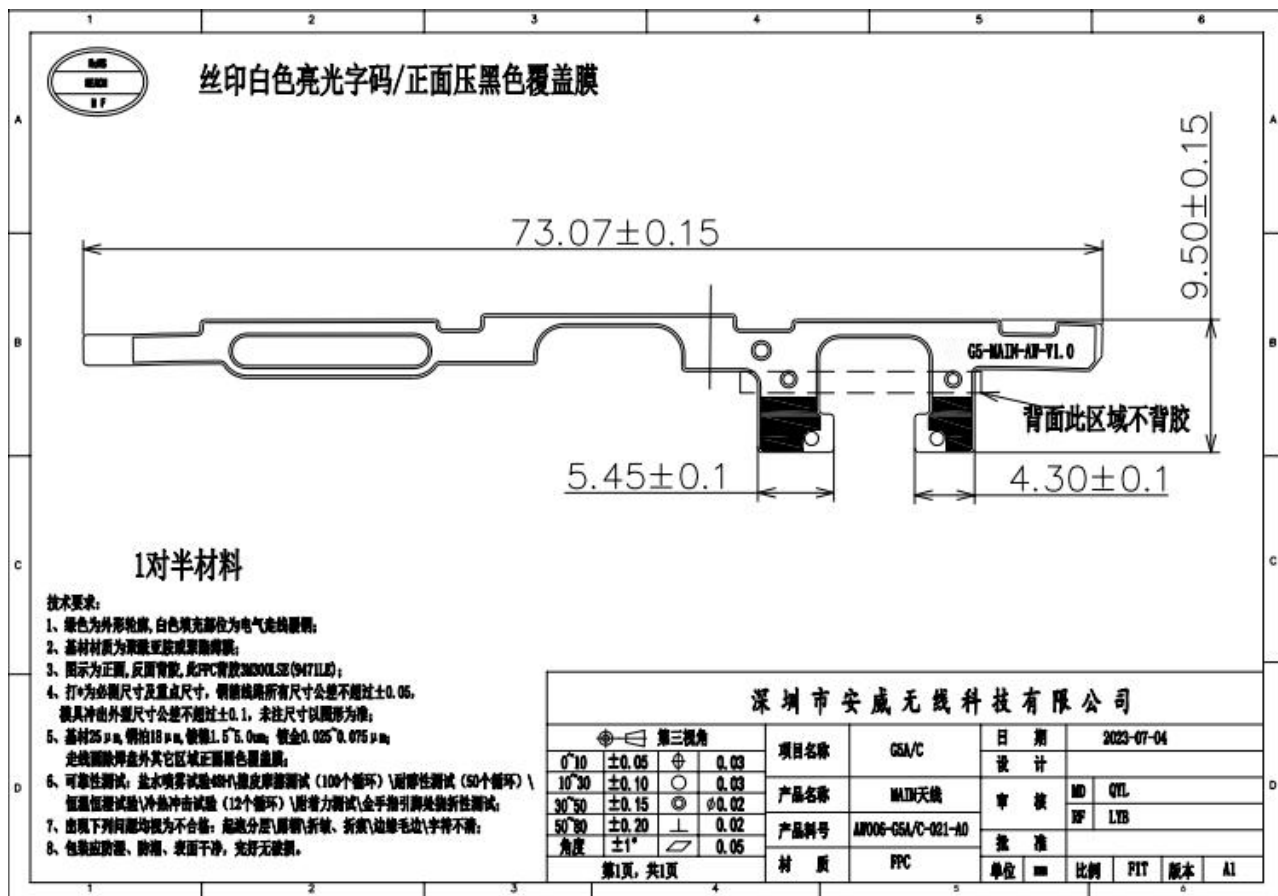
Project development environment



安威无线一直都是您值得信赖且优秀的合作伙伴，我们为您提供全方位一站式的产品以及技术服务！

“质量第一，服务至上”是安威一直以来的发展宗旨

主集天线 (MAIN antenna)



工作频段(Working frequency band): 700MHZ~2690MHZ GSM850/900 /1800

WCDMA1/4/5/6/8

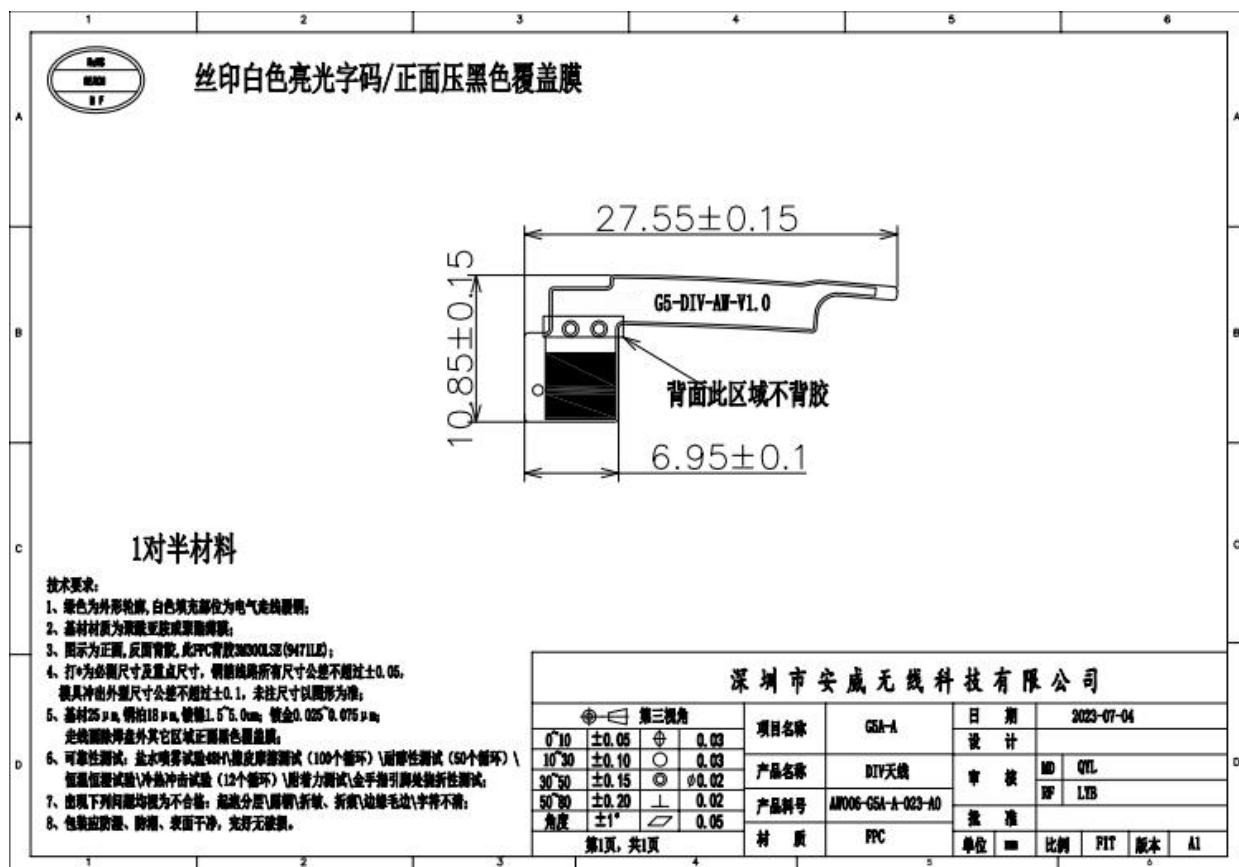
FDD1/3/4/5/7/8/12/17/20/28A/B/66 TDD38/40/41

天线匹配(Matcheing network):

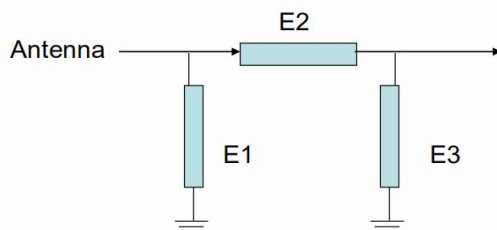
The customer brought their own matching,
which was not changed

分集天线(DIV antenna)

工作频段(Working frequency band): PCS1900/WCDMA B2/LTE B2



分集天线匹配(Matcheing network)



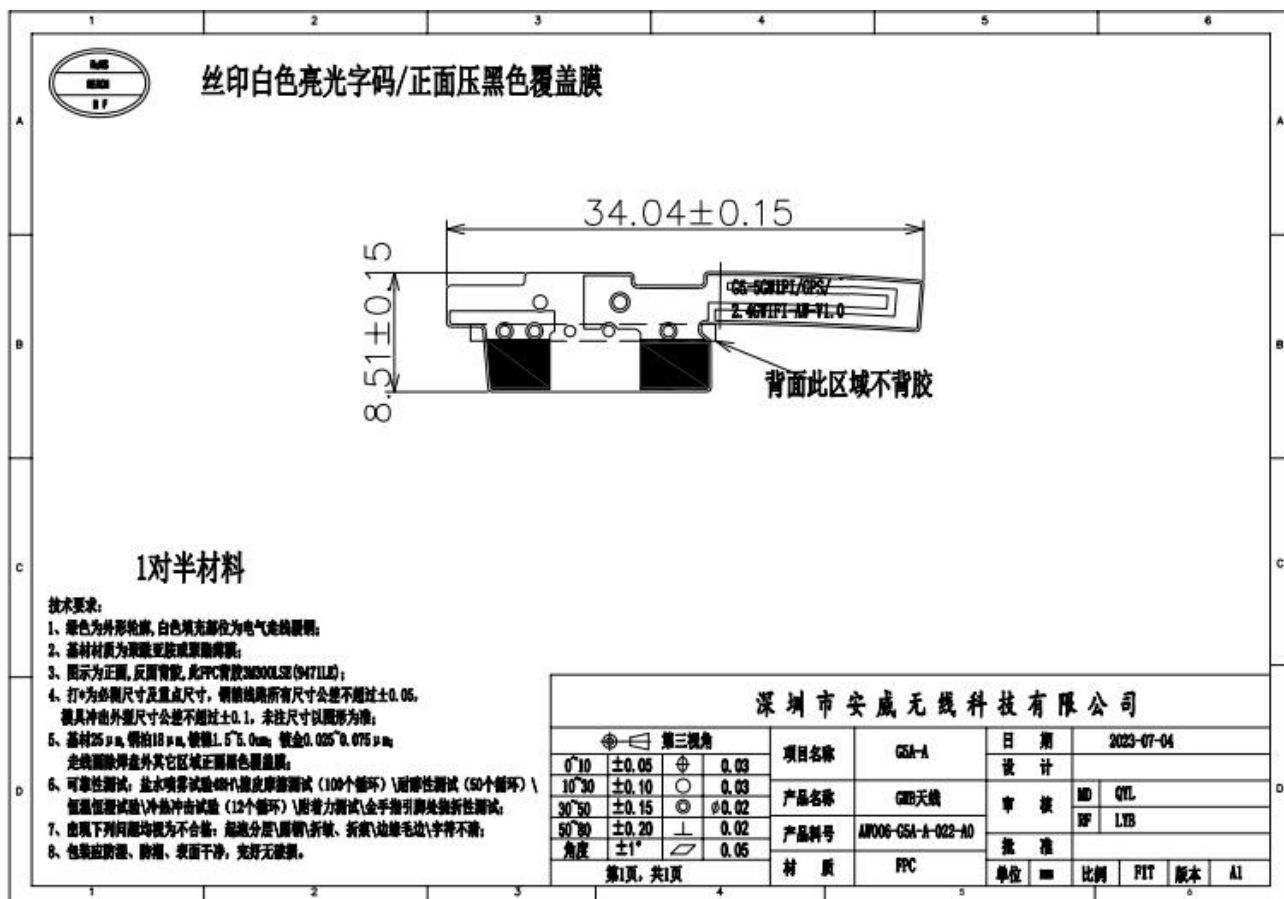
The customer brought their own matching, which was not changed

5GWIFI 天线（5GWIFI antenna）

GPS 天线工作频段（Working frequency band of GPS antenna）：1559MHZ~1616MHZ

5GWIFI 工作频段（Working frequency band of 5GWIFI antenna）：5150MHZ~5850MH

2.4GWIFI 天线（2.4GWIFI antenna）（Working frequency band of 5GWIFI antenna）：2400MHZ~2500MH

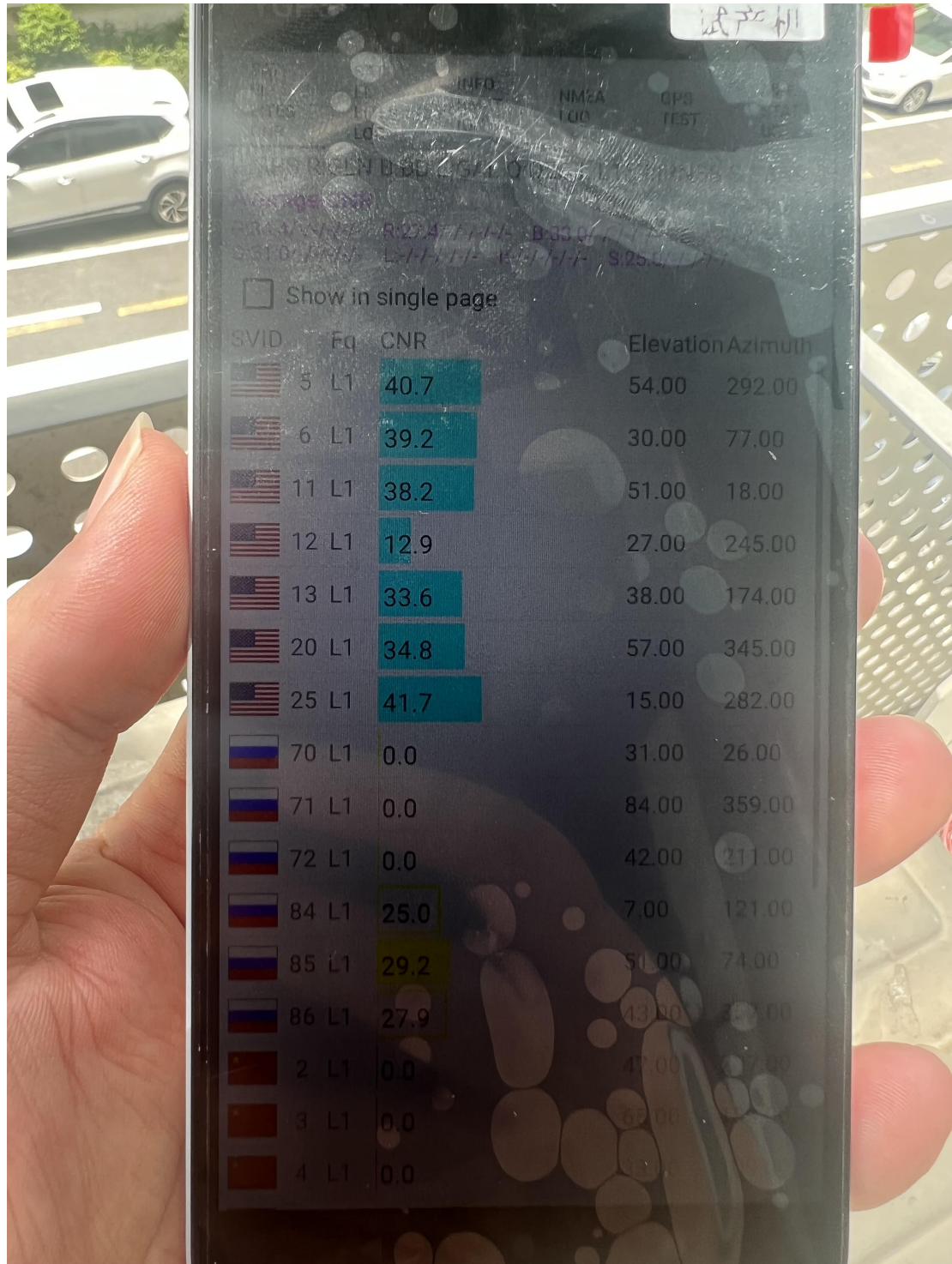


ANWEI ANT TRP&TIS parameter Summary of G5A

	Channel	TRP (dBm)	TIS (dBm)			Channel	TRP (dBm)	TIS (dBm)			Channel	TRP (dBm)	TIS (dBm)
FDD B1	18050	19.85		FDD B17	23780	15.52		TDD 38	37850	15.89			
	18300	19.6			23790	15.59			38000	15.57			
	18550	19.72	-94.19		23800	15.35	-92.69		38150	15.26	-88.67		
FDD B2	18650	19.45		FDD B20	24200	15.36		TDD 40	38750	15.76			
	18900	19.59			24300	16.69			39150	15.79			
	19150	19.87	-95.32		24400	16.27	-87.01		39550	15.44	-88.71		
FDD B3	19250	19.67		FDD B28A	27260	16.43		TDD 41		15.31			
	19575	19.81			27370	16.76			40620	15.42			
	19900	19.86	-90.95		27469	17.13	-88.51			15.33	-89.89		
FDD B4	20000	19.88		FDD B28B	27410	17.06							
	20175	19.36			27510	17.24							
	20350	19.93	-93.45		27600	17.95	-89.03						
FDD B5	20450	15.29		FDD B66	132022	19.53							
	20525	16.35			132322	19.67							
	20600	16.98	-89.56		132622	19.45	-94.51						
FDD B7	20800	16.97											
	21100	16.55											
	21400	15.21	-89.92										
FDD B8	21500	14.39											
	21625	14.52											
	21750	14.6	-87.17										
FDD B12	23060	14.02											
	23095	14.59											
	23130	14.68	-92.51										

	Channel	TRP (dBm)	TIS (dBm)			Channel	TRP (dBm)	TIS (dBm)			Channel	TRP (dBm)	TIS (dBm)
GSM 850	128	25.21						W 1	9612	19.39			
	190	25.41							9750	19.18			
	251	25.51	102.7						9888	19.16	-107.96		
GSM 900	1	24.75						W 2	9262	19.95			
	62	24.96							9400	19.08			
	124	24.69	98.07						9538	19.48	-107.06		
DCS 1800	512	27.06						W 4	1312	18.97			
	698	26.86							1413	18.92			
	885	27.18	104.92						1513	19.6	-105.27		
PCS 1900	512	26.63						W 5	4132	14.68			
	661	26.71							4183	15.48			
	810	27.12	107.35						4233	16.13	-103.48		
								W 8	2712	14.56			
									2787	15.06			
									2863	14	-97.23		

GPS 测试(GPS Test)



基本稳定 2 颗 40 以上

WIFI TEST:

G5A						
BAND	2.4GWIFI			5.8WIFI		
CHANNEL	low	medium	high	low	medium	high
TRP (dBm)	11.4	11.5	11.3	10.4	10.8	11.3
TIS (dBm)	-81.1	-81.2	-81.4	-71.8	-71.5	-72.5

天线增益(Antenna gain)

Standard	Band	Frequency	Gain(dbi)
TDD_LTE	TDD_B38	2580	1.79
TDD_LTE	TDD_B40	2310	1.44
TDD_LTE	TDD_B41	2593	1.79
FDD_LTE	FDD_B1	1925	0.95
FDD_LTE	FDD_B2	1855	0.91
FDD_LTE	FDD_B3	1715	0.64
FDD_LTE	FDD_B4	1715	0.64
FDD_LTE	FDD_B5	829	-1.15
FDD_LTE	FDD_B7	2505	1.78
FDD_LTE	FDD_B8	885	-0.83
FDD_LTE	FDD_B12	704	-1.92
FDD_LTE	FDD_B17	709	-1.92
FDD_LTE	FDD_B20	837	-1.24
FDD_LTE	FDD_B28	708	-1.91
FDD_LTE	FDD_B28	723	-1.85
FDD_LTE	FDD_B66	1715	0.64
WCDMA	WCDMA_B1	1922.4	0.95
WCDMA	WCDMA_B2	1852.4	0.91
WCDMA	WCDMA_B4	1715	0.64
WCDMA	WCDMA_B5	826.4	-1.15
WCDMA	WCDMA_B8	882.4	-0.83
GSM	GSM850	824.2	-1.15
GSM	GSM900	890.2	-0.83
GSM	PCS1900	1850.2	0.91
GSM	DCS1800	1710.2	0.63
2.4GWIFI		2412	1.76
5GWIFI		5825	1.23
GPS		1575	1.14
BT		2400	1.76

环境处理方式(Environmental treatment)

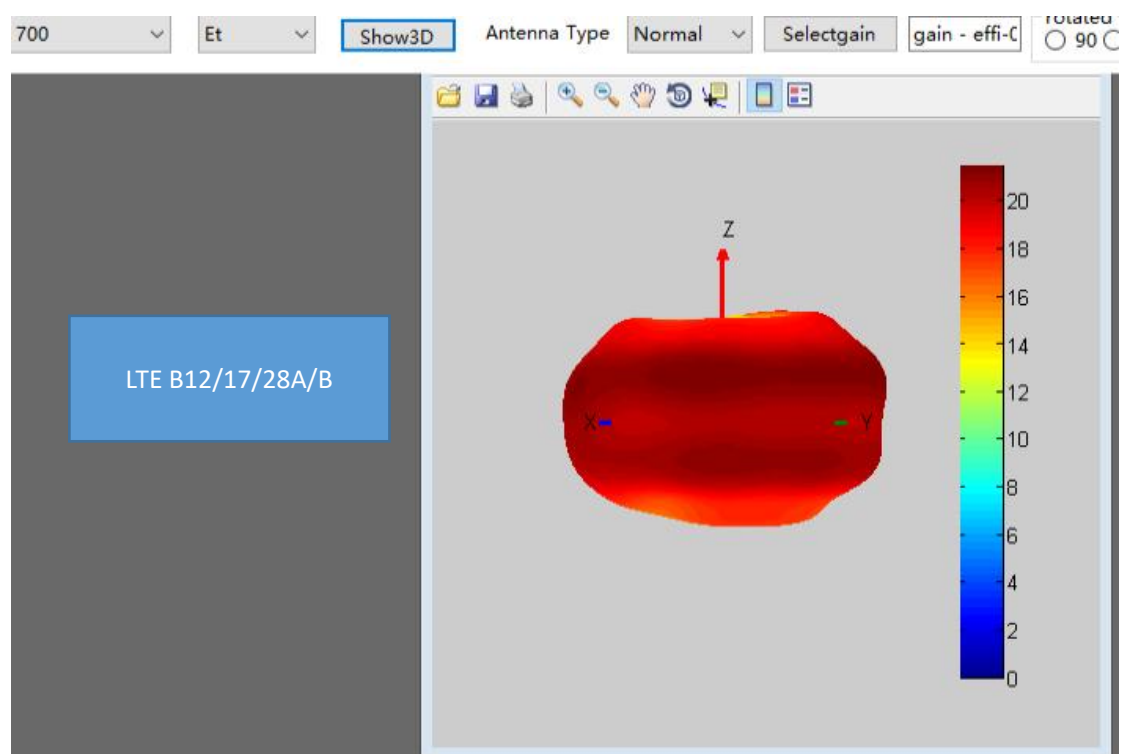


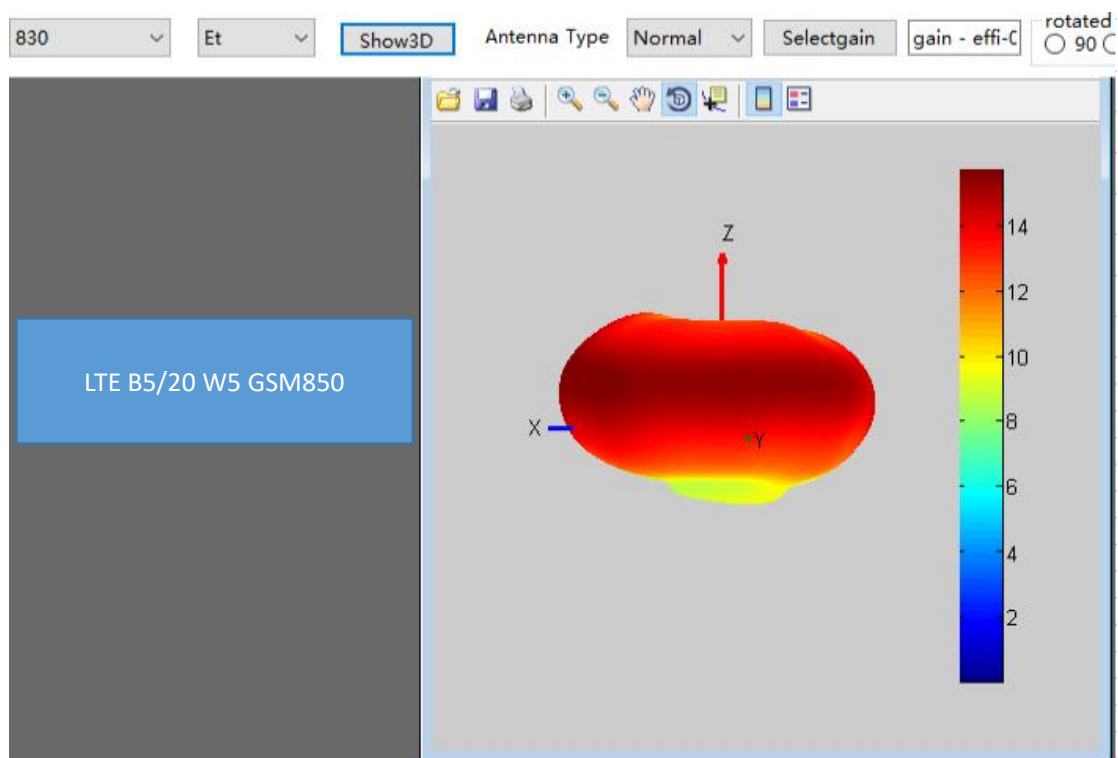
Mainboard
grounding with
conductive
sponge

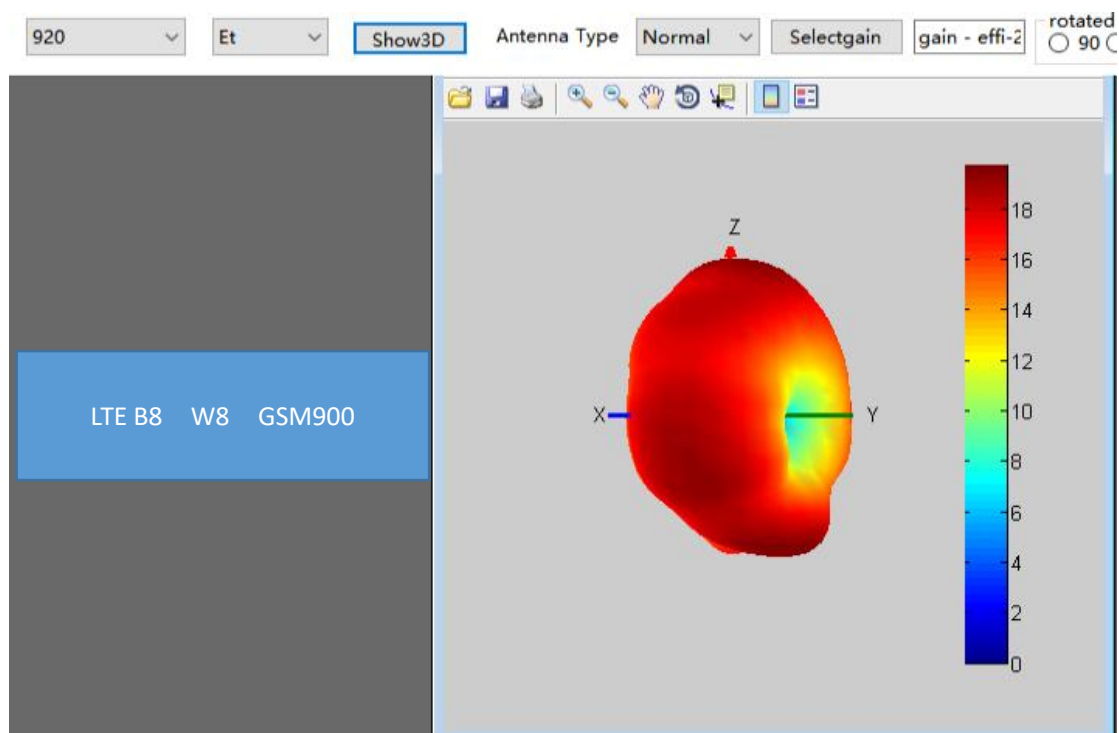


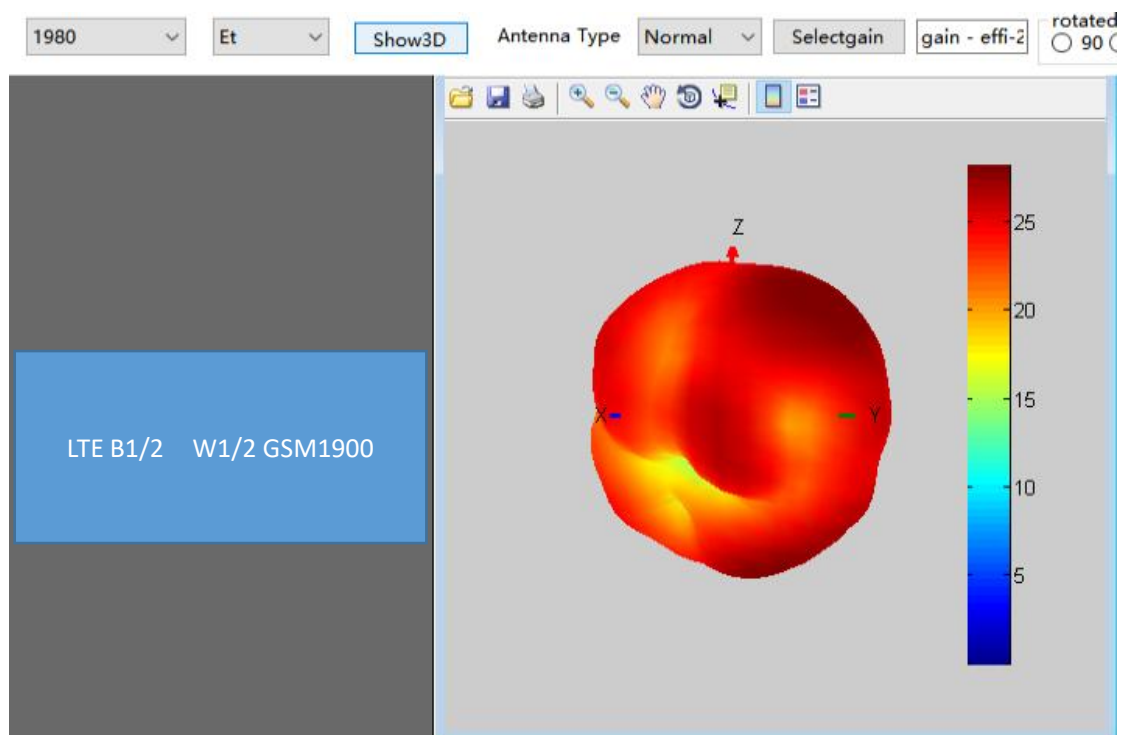
Small board with
conductive sponge
grounding

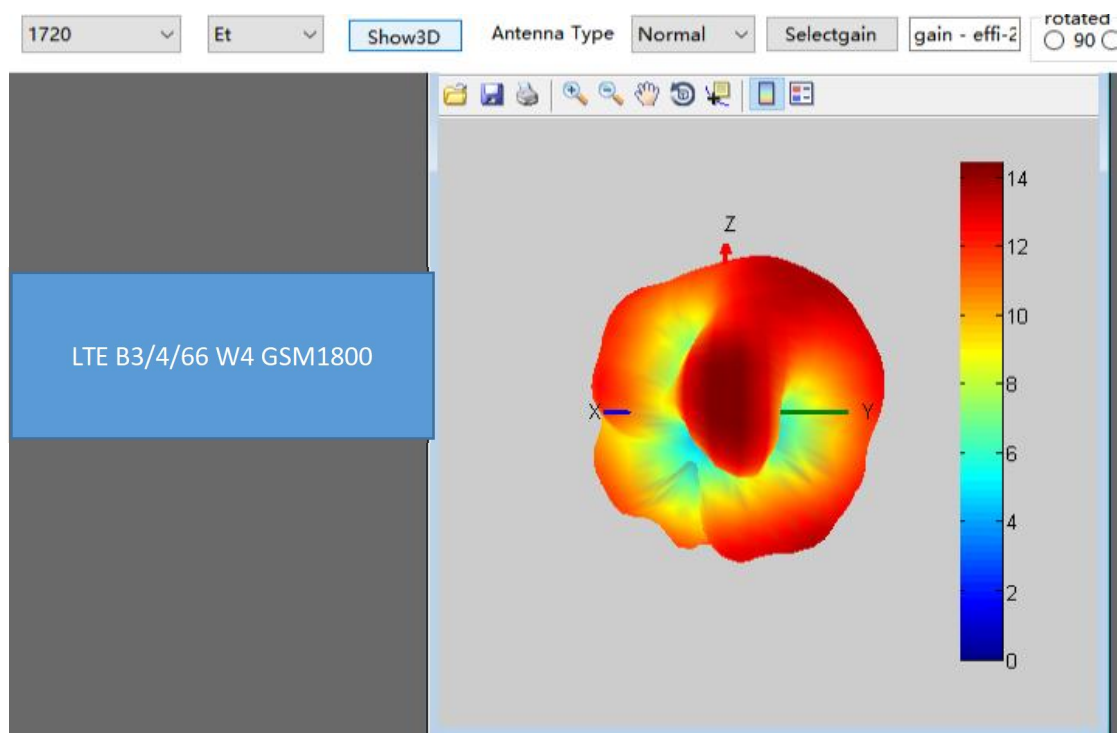
The Apple and Direction charts are as follows:

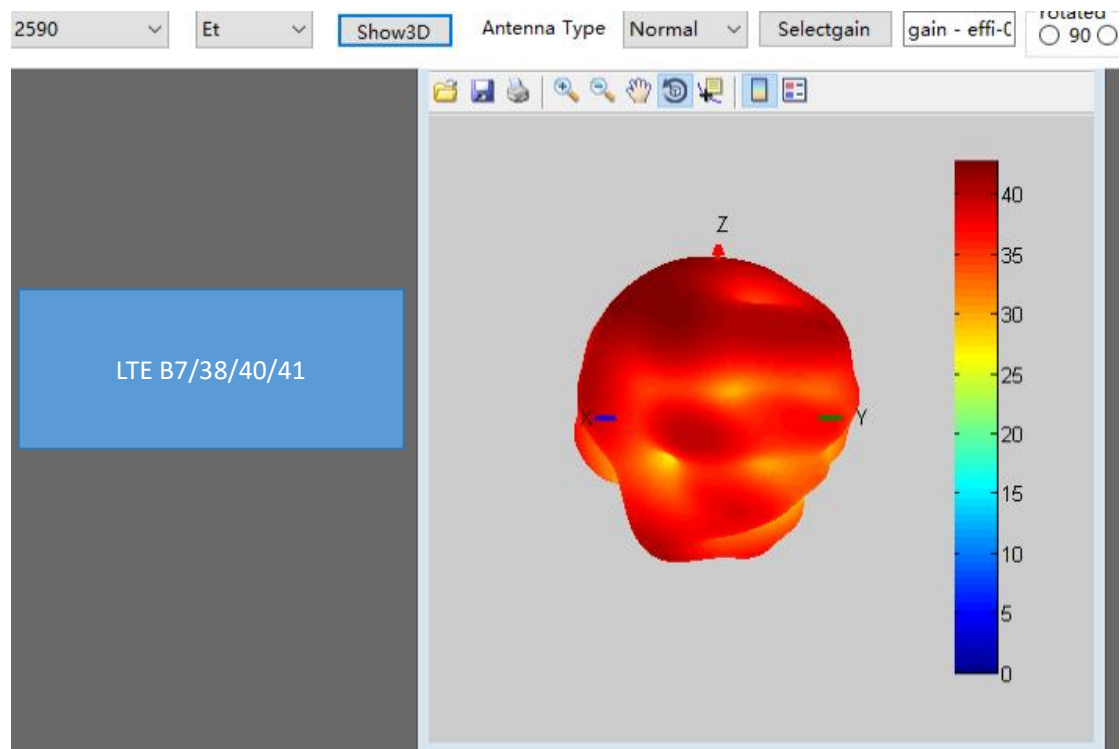


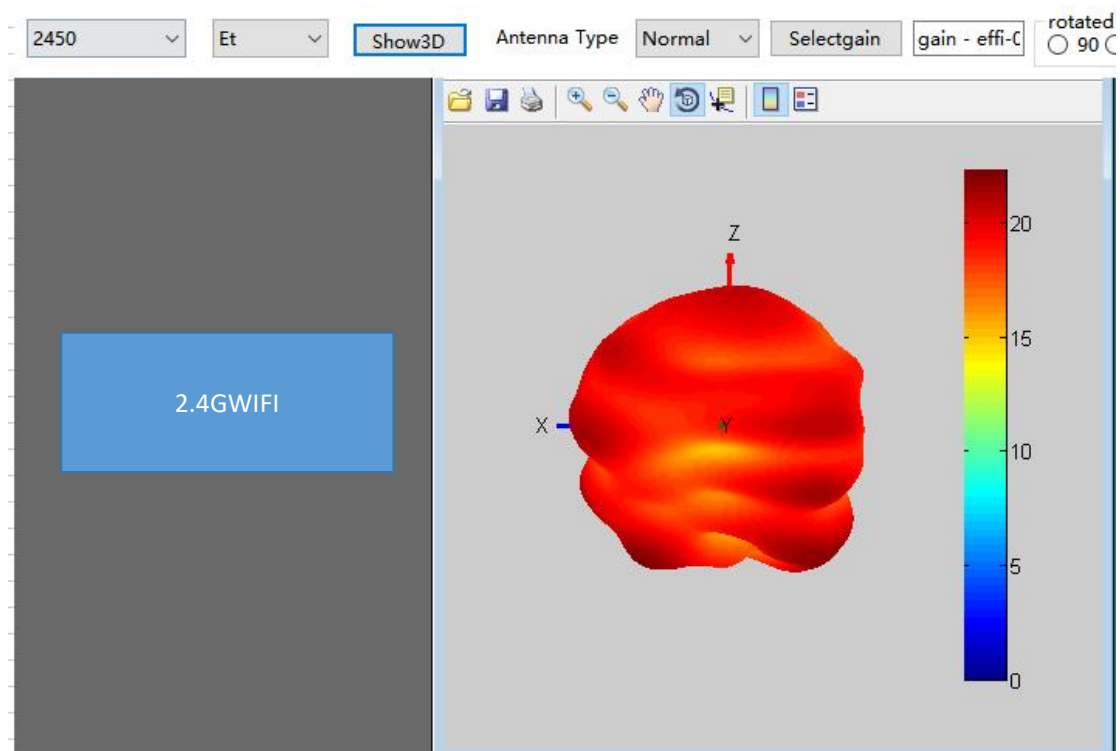


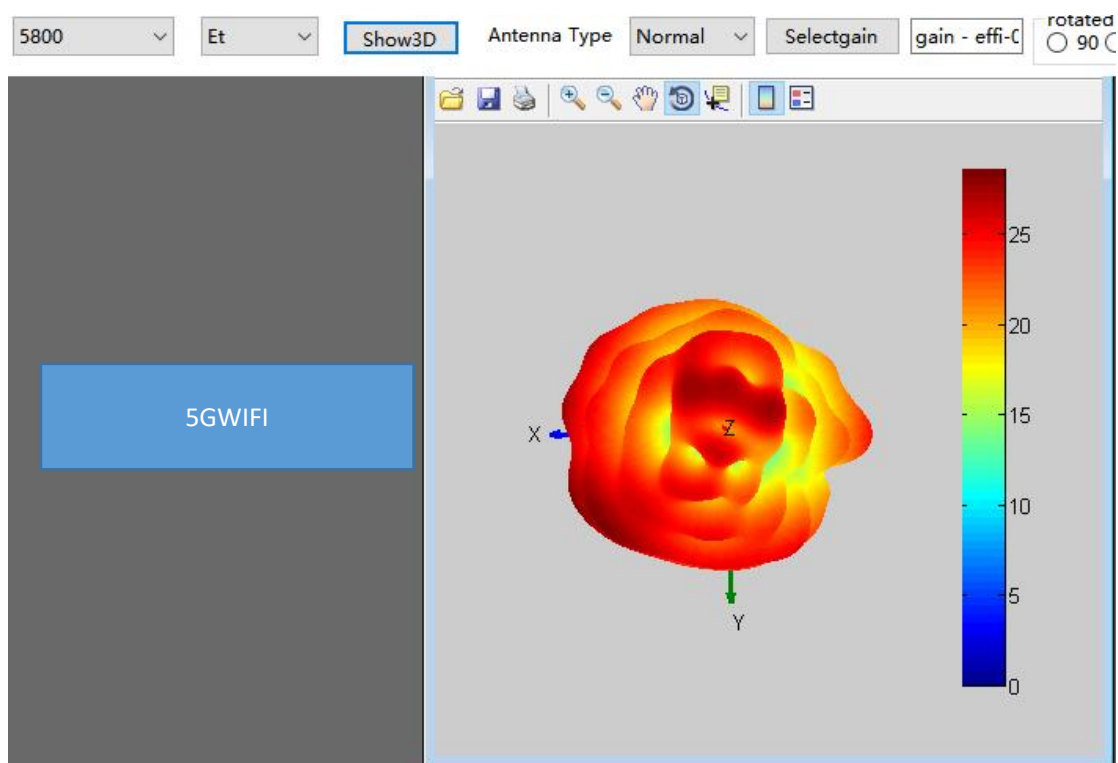














深圳市安威无线科技有限公司

行业领先的一站式通信射频天线解决方案制造商

The End

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携手共进 共创未来

地址：广东省深圳市龙华新区大浪华宁路颐丰华工业园5栋东座2楼

微信服务号

