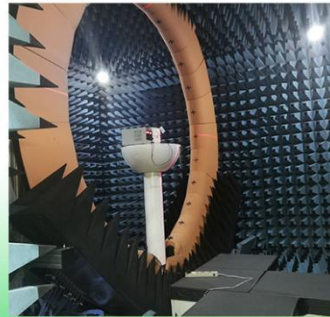
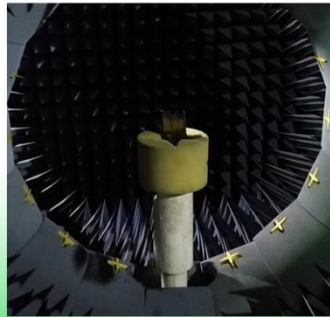
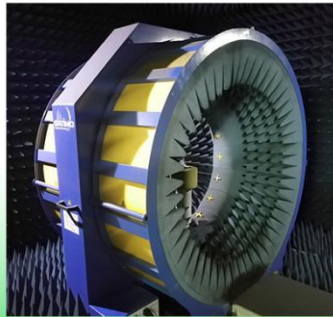
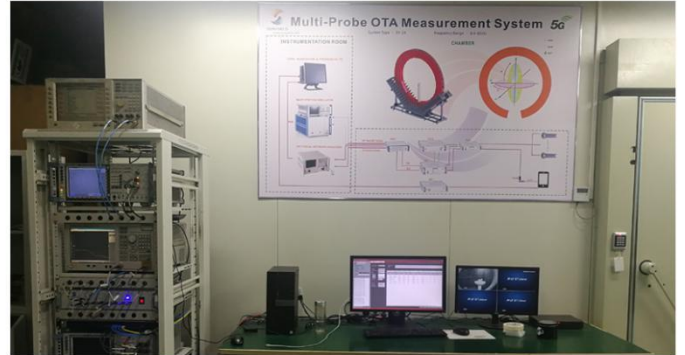


ANWEI commnuication Equipment Co.,Ltd

APPROVAL SHEET

Customer	Youmi	Specs	A15 Pro 5G
Part Number	AW006-A15 Pro 5G-021-A0 AW006-A15 Pro 5G-022-A0 AW006-A15 Pro 5G-023-A0 AW006-A15 Pro 5G-024-A0	Frequency Band	2G:GSM850/900/1800/1900 3G:WCDMA-B2/4/5 4G:LTE-B2/4/5/7/12/13/17/25/28A/28B/41/66/ 71 5G:N2/5/25/41/66/77
Color	Black	Edition	REV:A0
Salesperson	Mr.Xie	Design	ZHONG ZHI HUI
Structure	QIN YUN LIN	Confirm	
Date	2025/02/09	Signing Date	
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			

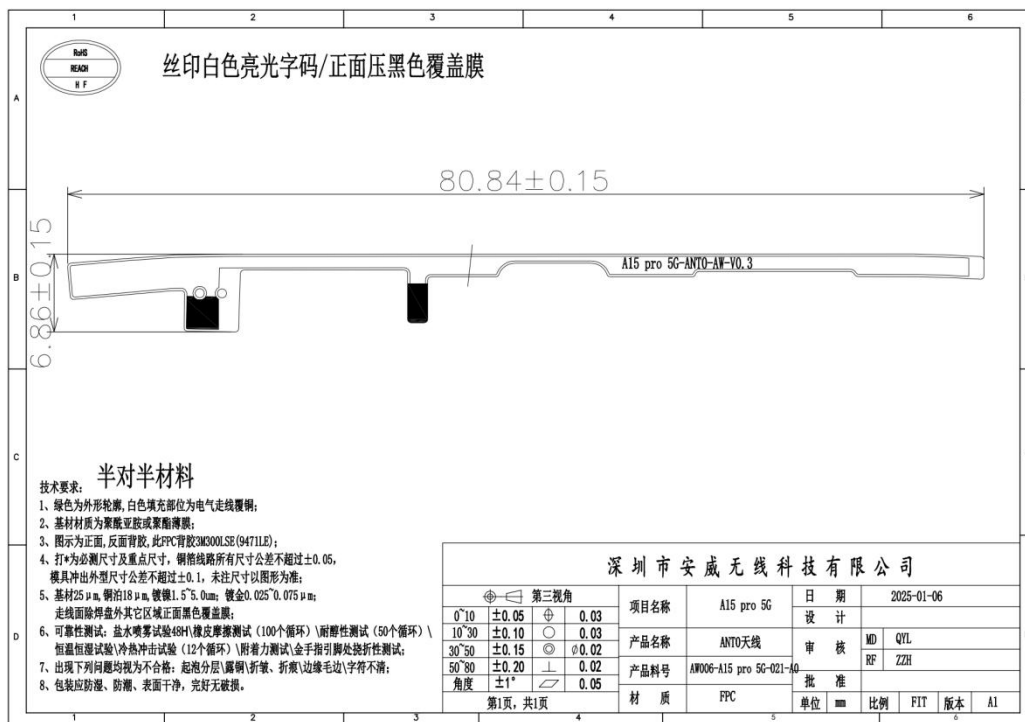
Project development environment



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

(MIMO antenna 0)



(Working frequency band): 600MHZ~960MHZ, 2500~2690MHZ (TRX)

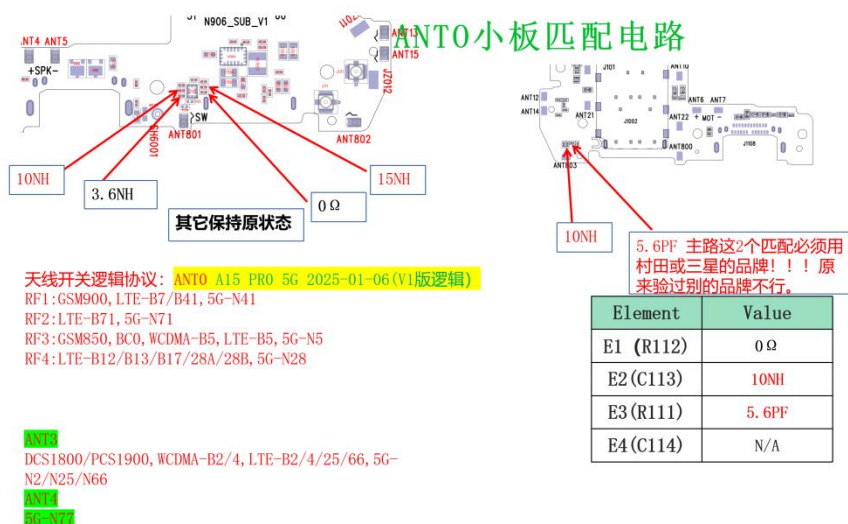
2G:GSM850/900

3G:WCDMA-B5

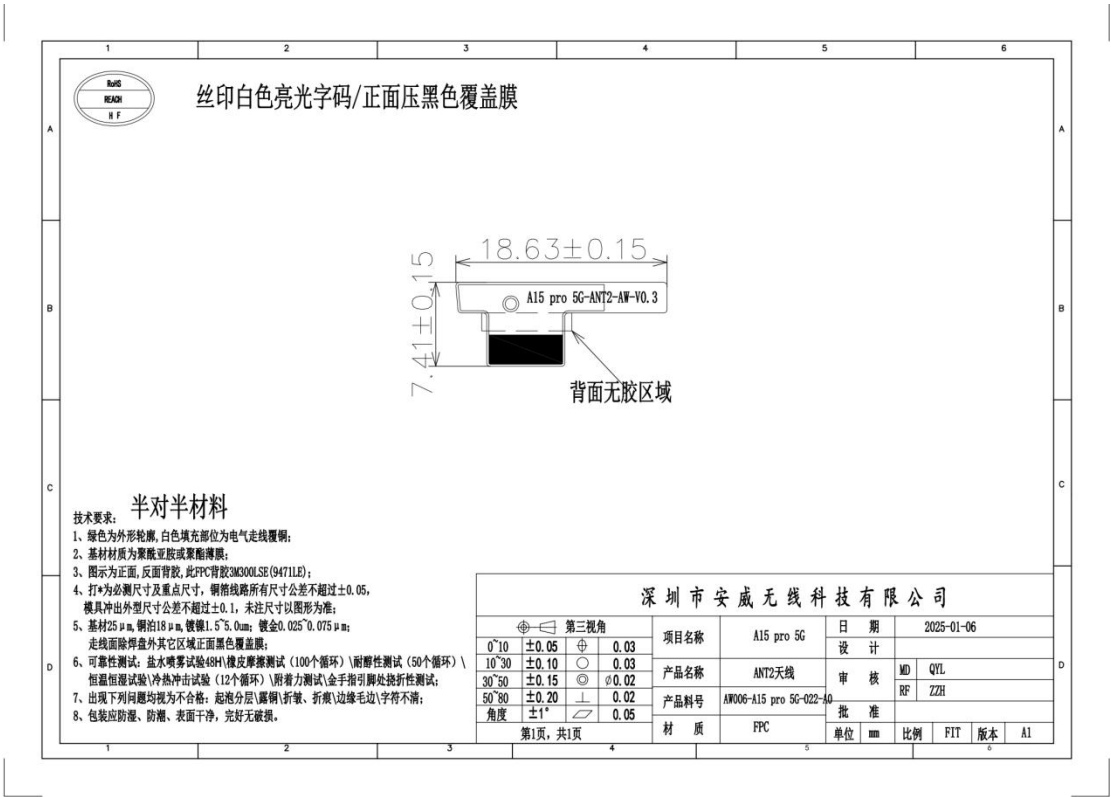
4G:LTE-B5/7/12/13/17/28A/28B/41/71

5G:N5/41

(Matcheing network):

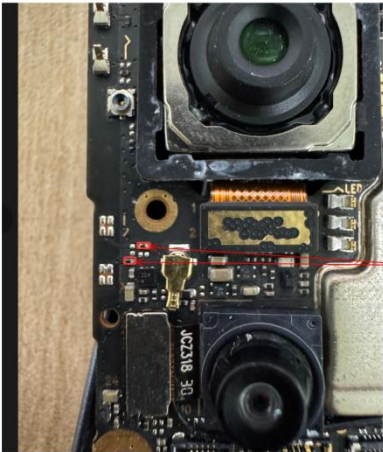


(MIMO antenna 2)

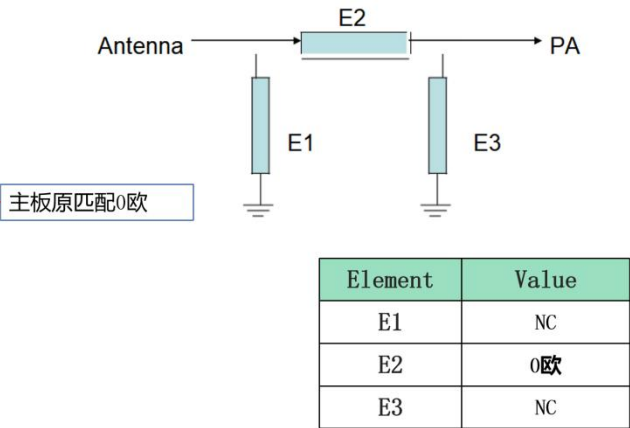


(Working frequency band): 3300~4200MHZ (RX)
5G:N77

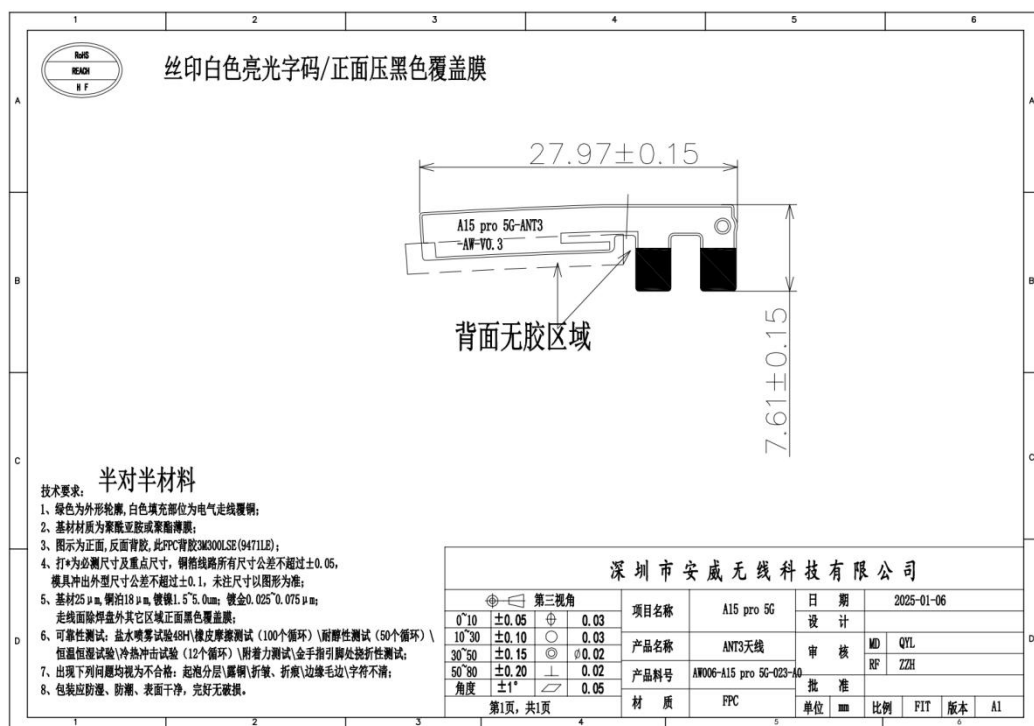
(Matcheing network):



ANT2天线匹配电路



(MIMO antenna 3)



(Working frequency band): 1710~2170MHZ (TRX)

2G:GSM1800/1900

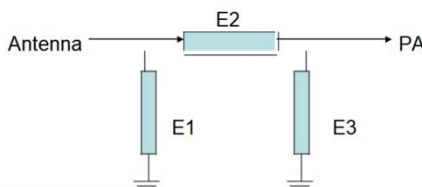
3G:WCDMA-B2/4

4G:LTE-B2/4/25/66

5G:N2/25/66

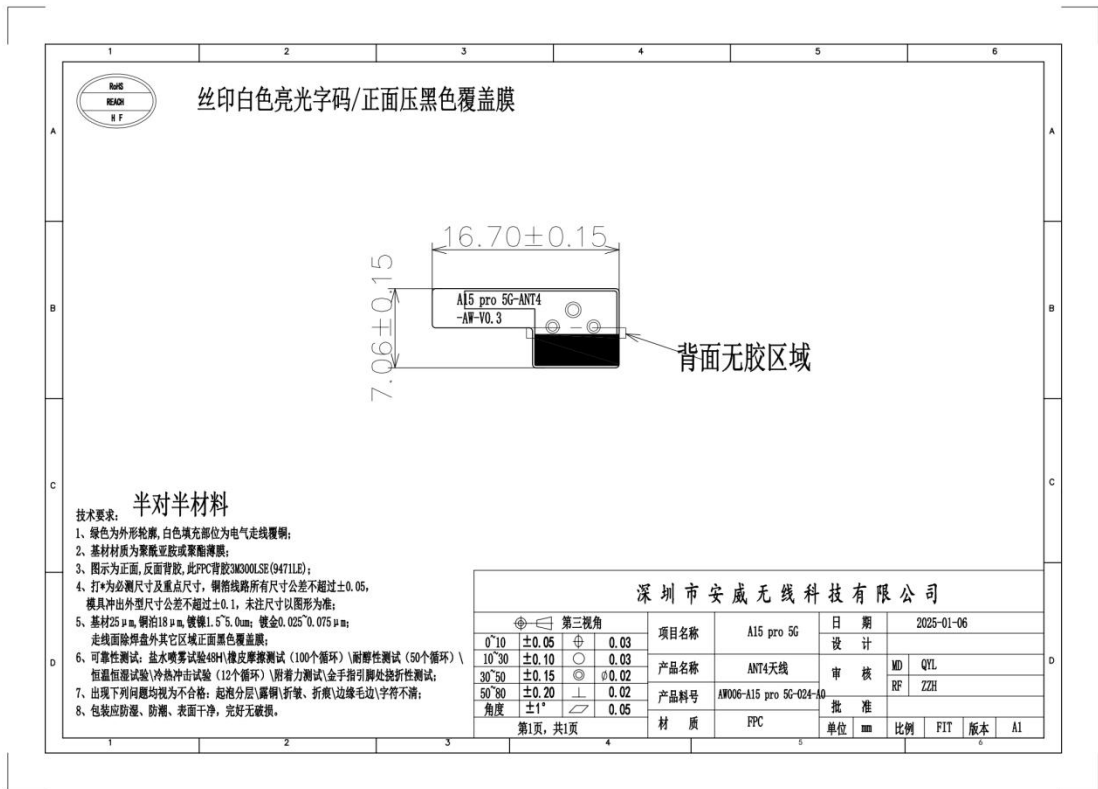
(Matcheing network):

ANT3天线匹配电路



Element	Value
E1	NC
E2	0欧
E3	NC

(MIMO antenna 4)



(Working frequency band): 3300~4200MHZ (TRX)

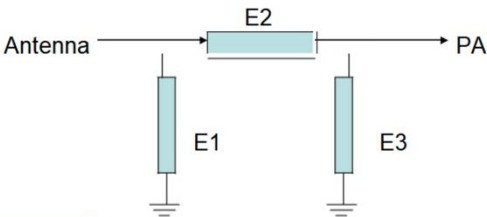
(Matcheing network):

5G:N77

ANT4天线匹配电路

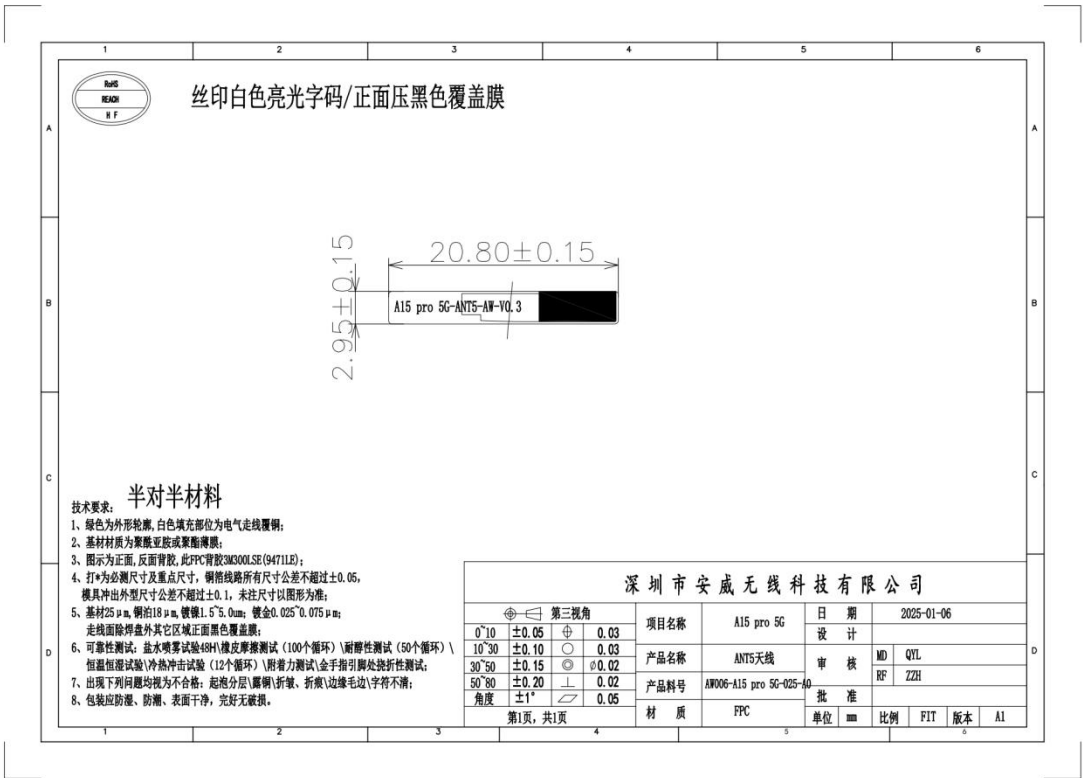


主板原匹配0欧



Element	Value
E1	NC
E2	0欧
E3	

(MIMO antenna 5)



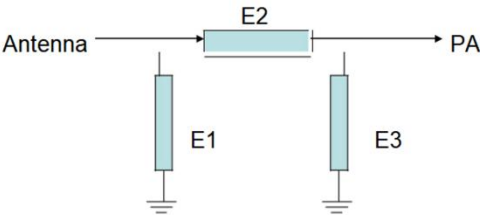
(Working frequency band): 3300~4200MHZ (RX)

(Matcheing network):

5G:N77

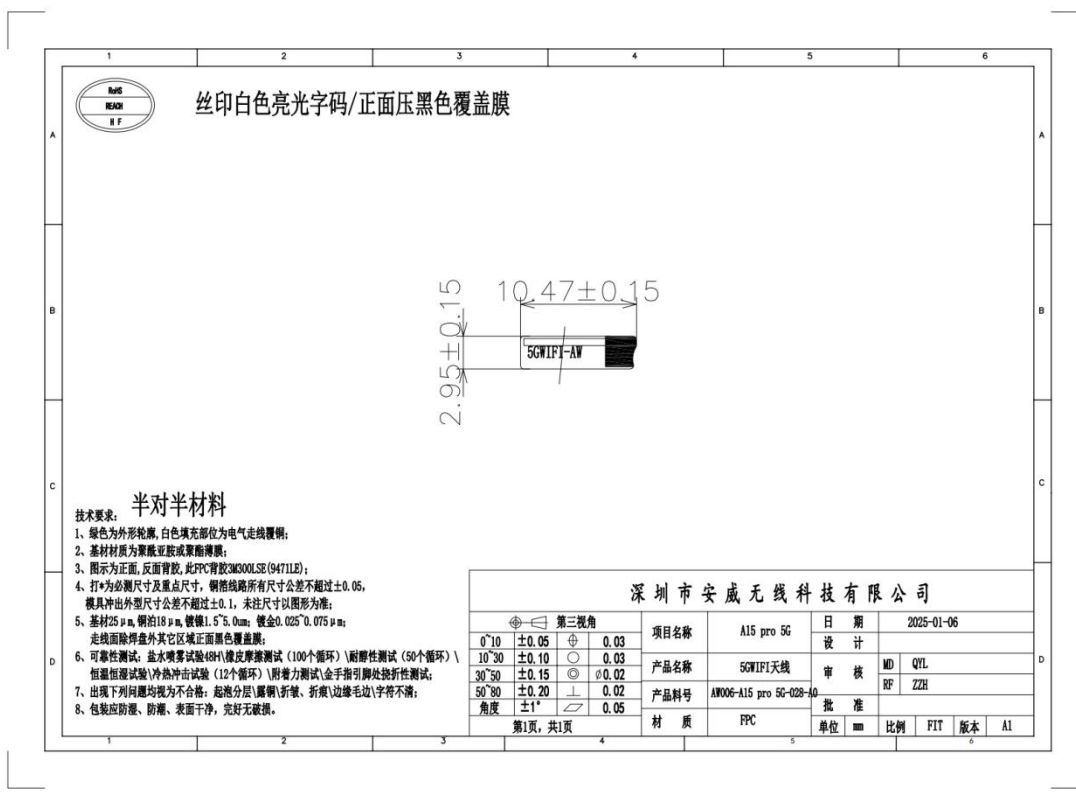
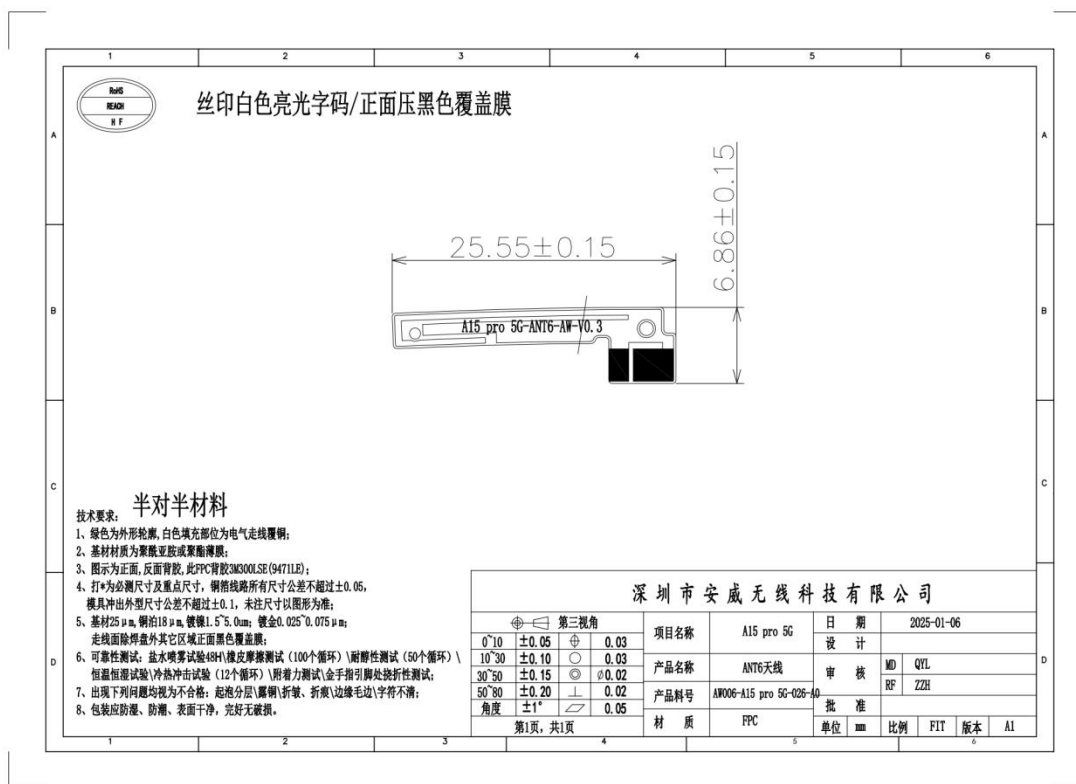
ANT5天线匹配电路

主板原匹配0欧



Element	Value
E1	NC
E2	0欧
E3	NC

ANT6 (GPS L1 antenna) + (2.4G/5G WIFI/BT antenna)

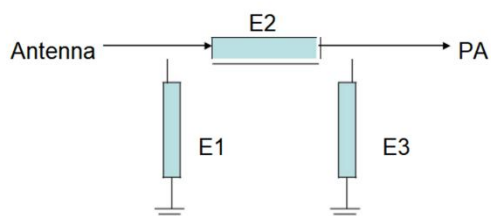
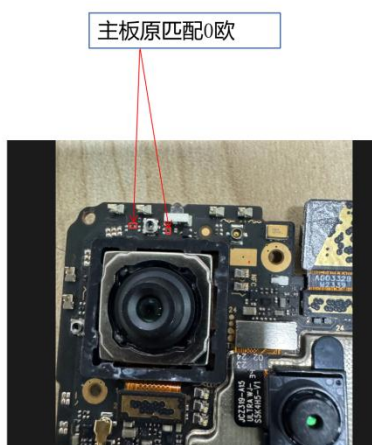


(Working frequency band of GPS antenna) : 1575.42MHZ

(Working frequency band of 5GWIFI antenna) : 2400~2500,5150MHZ~5850MHZ

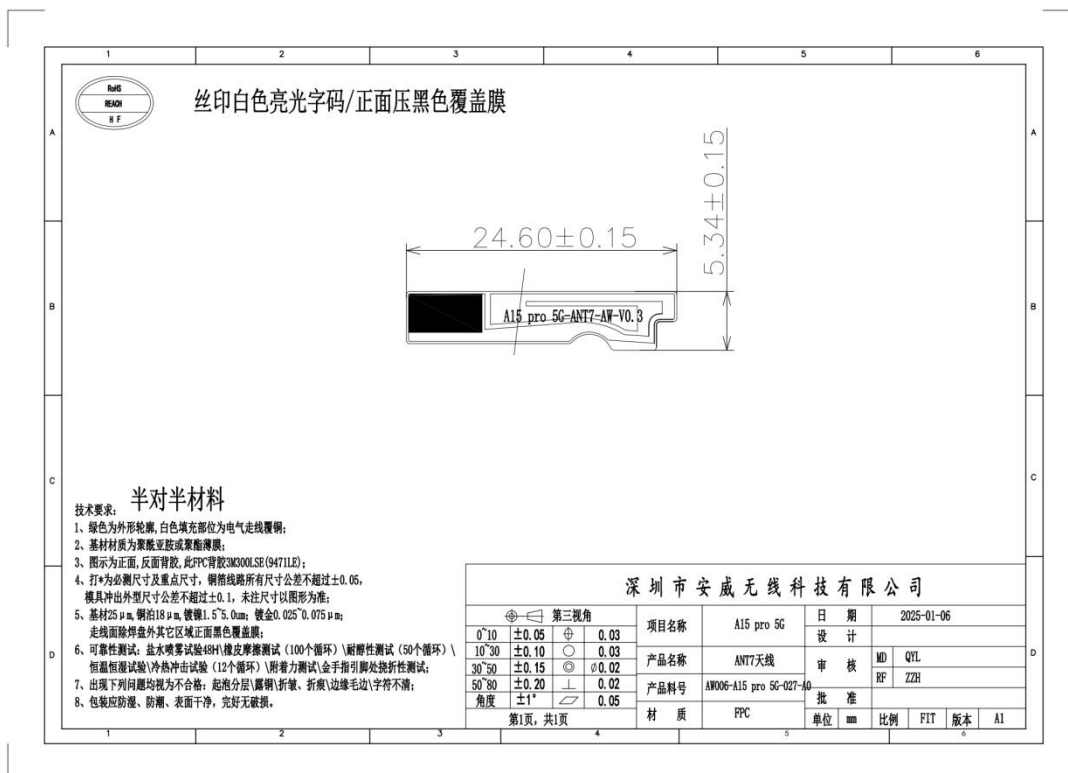
(Matcheing network)

ANT6天线匹配电路



Element	Value
E1	NC
E2	0欧
E3	NC

ANT7 (GPS L5 antenna) + (2.4G/5G WIFI/BT antenna)

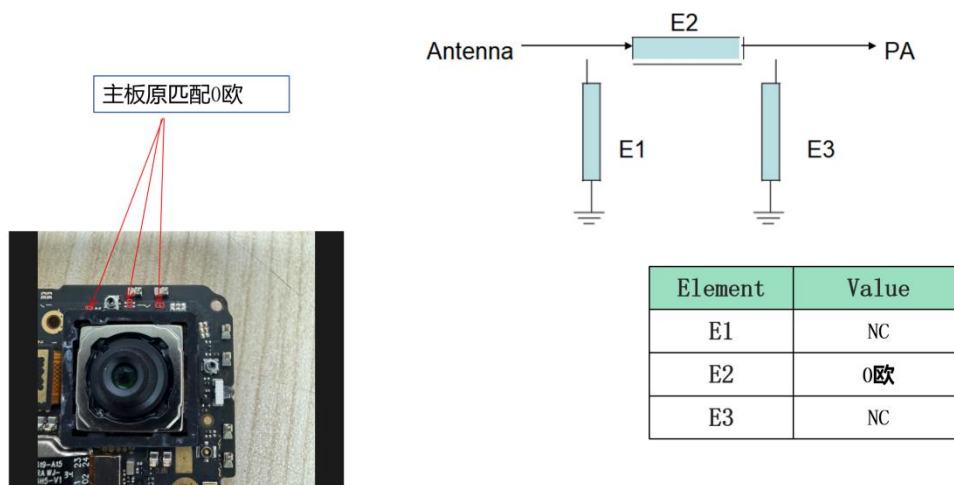


(Working frequency band of GPS antenna) : 1176MHZ

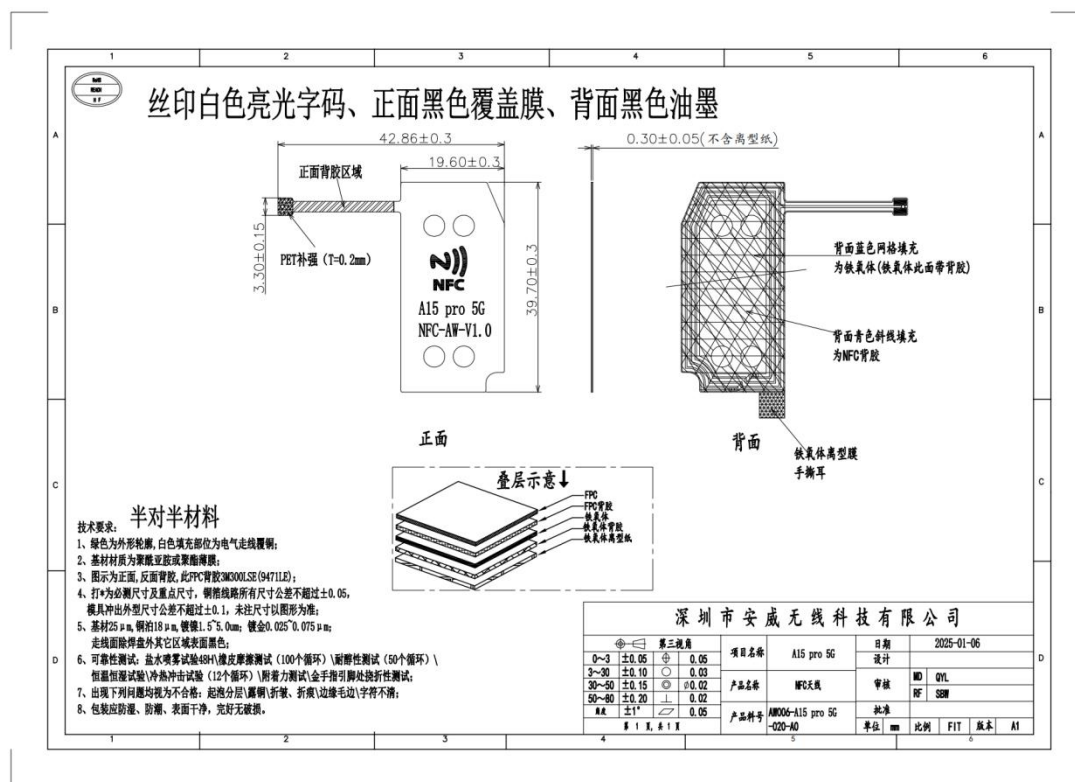
(Working frequency band of 5GWIFI antenna) : 2400~2500,5150MHZ~5850MHZ

(Matcheing network)

ANT7天线匹配电路



(NFC antenna)



ANWEI ANT TRP&TIS parameter Summary of A15 Pro 5G

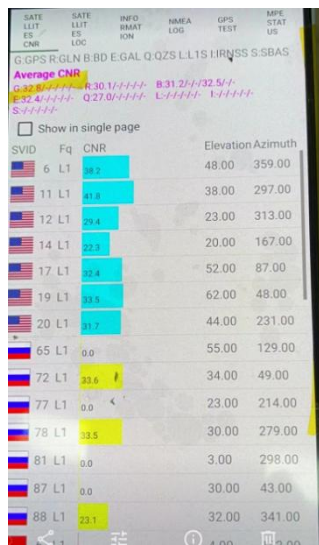
BAND	Channel	TRP (dBm)	TIS (dBm)
5G N2 (20M)	L	17.66	
	M	17.64	
	H	18.36	-92.27
5G N5 (20M)	L	16.42	
	M	16.40	
	H	16.16	-84.81
5G N25 (20M)	L	17.65	
	M	17.80	
	H	18.22	-91.58
5G N66 (20M)	L	17.78	
	M	15.83	
	H	15.93	-91.58
5G N77 (100M)	L	16.15	
	M	17.67	
	H	16.21	-84.37
5G N41 (100M)	L	16.57	
	M	17.42	
	H	15.77	-80.14
FDD B2	L	17.07	
	M	17.28	
	H	17.57	-91.69
FDD B4	L	17.45	
	M	16.30	
	H	16.37	-91.87
FDD B5	L	15.72	
	M	16.60	
	H	16.50	-87.83

FDD B7	L	16.37	
	M	16.40	
	H	15.44	-89.67
FDD B12	L	14.35	
	M	14.77	
	H	14.72	-90.63
FDD B13	L		
	M	14.02	-88.65
	H		
FDD B17	L	15.42	
	M	15.56	
	H	15.14	-90.25
FDD B25	L	15.61	
	M	16.72	
	H	16.58	-91.49
FDD B28A	L	14.65	
	M	15.23	
	H	14.92	-88.18
FDD B28B	L	15.52	
	M	15.28	
	H	15.18	-88.39
FDD B66	L	16.22	
	M	16.66	
	H	16.65	-90.38
FDD B71	L	13.06	
	M	13.76	
	H	13.16	-87.18
TDD B41	L	17.16	
	M	16.22	
	H	15.97	-88.02

WCDMA-B2	L	17.05	
	M	17.45	
	H	17.64	-104.20
WCDMA-B4	L	17.18	
	M	17.08	
	H	17.46	-105.51
WCDMA-B5	L	15.29	
	M	16.23	
	H	16.04	-102.12

	Channel	TRP (dBm)	TIS (dBm)
GSM850	L	25.36	
	M	26.05	
	H	25.76	-100.45
GSM900	L	24.48	
	M	24.36	
	H	23.71	-95.60
DCS1800	L	22.92	
	M	23.69	
	H	24.61	-103.86
PCS1900	L	24.53	
	M	24.98	
	H	24.93	-103.27
2.4G WIFI B 模 11M	L	14.12	-83.49
	M	12.48	-83.64
	H	13.83	-82.34
5 G WIFI A 模 54M	L	8.24	-69.54
	M	10.28	-70.65
	H	10.53	-70.88

(GPS Test)



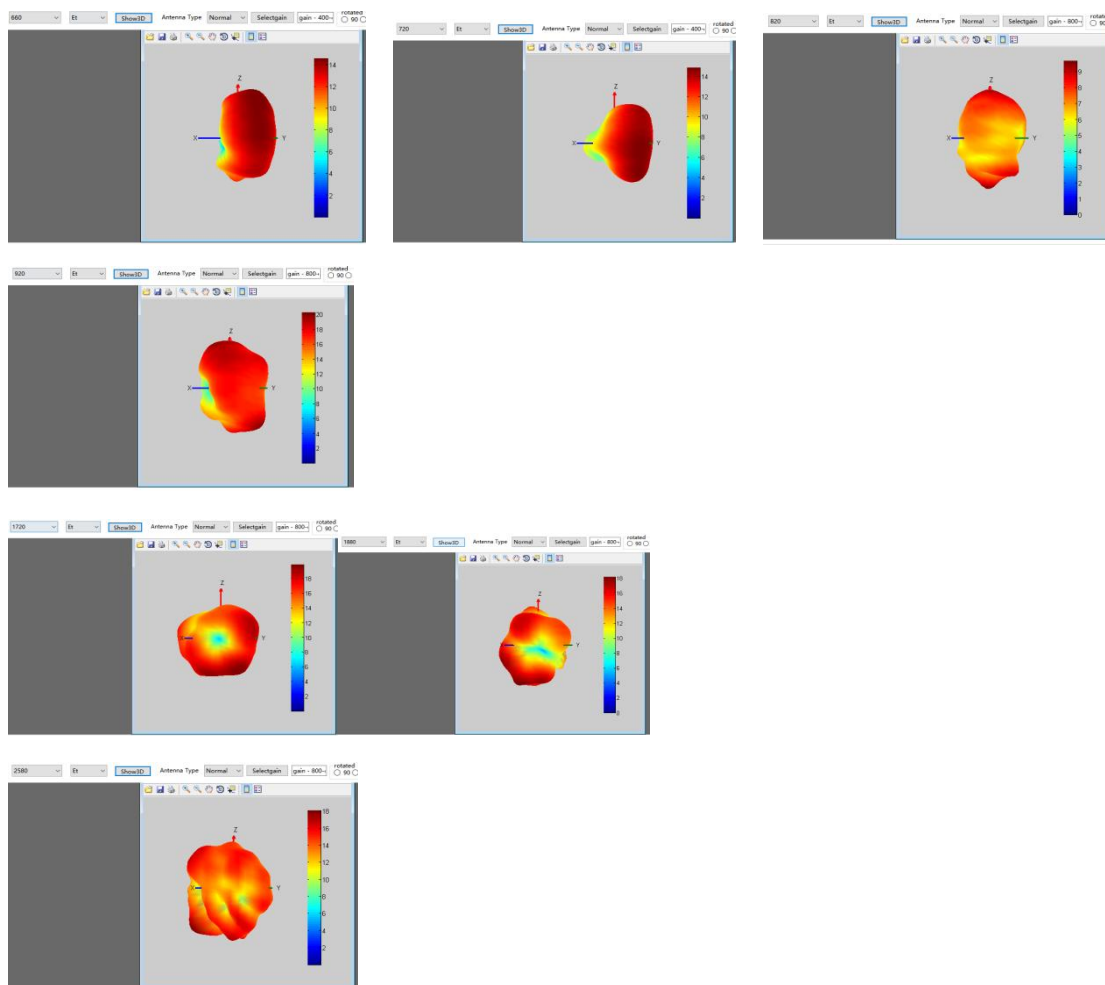
(Efficiency of GPS antenna): 30.41%

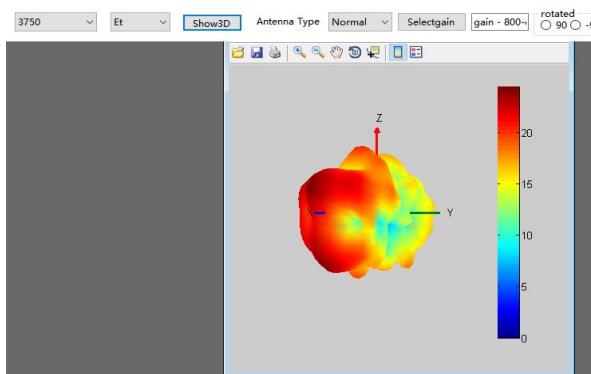
天线增益(Antenna gain)

Standard	Band	Frequency	Gain(dbi)
5G NR	N2	1880	-1.14
5G NR	N5	820	-4.65
5G NR	N25	1880	-1.14
5G NR	N66	1720	1.08
5G NR	N77	3750	2.07
5G NR	N41	2580	0.82
TDD_LTE	TDD_B41	2580	0.82
FDD_LTE	FDD_B2	1880	-1.14
FDD_LTE	FDD_B4	1720	1.08
FDD_LTE	FDD_B5	820	-4.65
FDD_LTE	FDD_B7	2580	0.82
FDD_LTE	FDD_B12	720	-6.53
FDD_LTE	FDD_B13	780	-4.97
FDD_LTE	FDD_B17	720	-6.53
FDD_LTE	FDD_B25	1880	-1.14
FDD_LTE	FDD_B28	720	-6.53
FDD_LTE	FDD_B71	660	-5.41
WCDMA	WCDMA_B2	1880	-1.14
WCDMA	WCDMA_B4	1720	1.08
WCDMA	WCDMA_B5	820	-4.65
GSM	GSM850	820	-4.65
GSM	GSM900	920	-2.07
GSM	DCS1800	1720	1.08
GSM	PCS1900	1880	-1.14
2.4G WIFI		2450	0.81
5G WIFI		5800	-1.74
GPS	L1	1575	0.23
GPS	L5	1176	-7.52

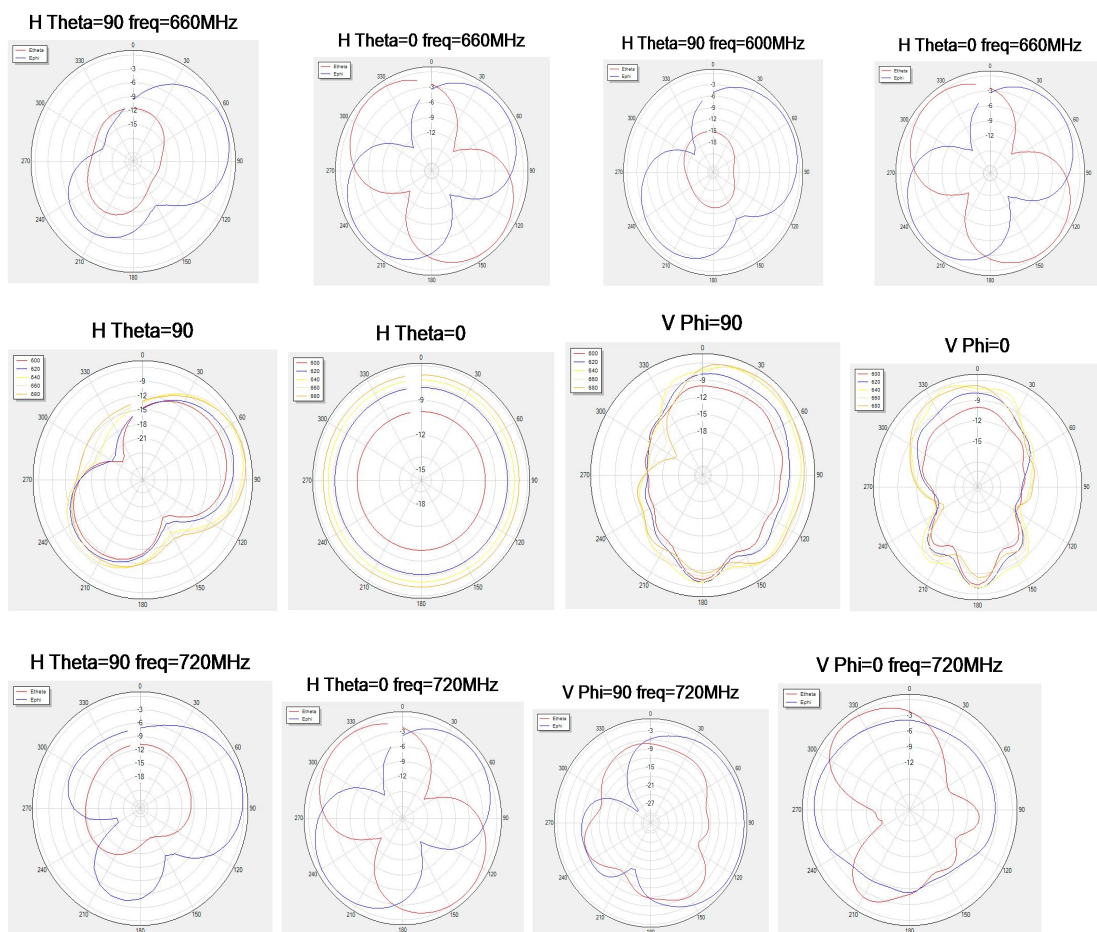
BT	2450	0.81
NFC	13.56	1.5
FM	108	0.8

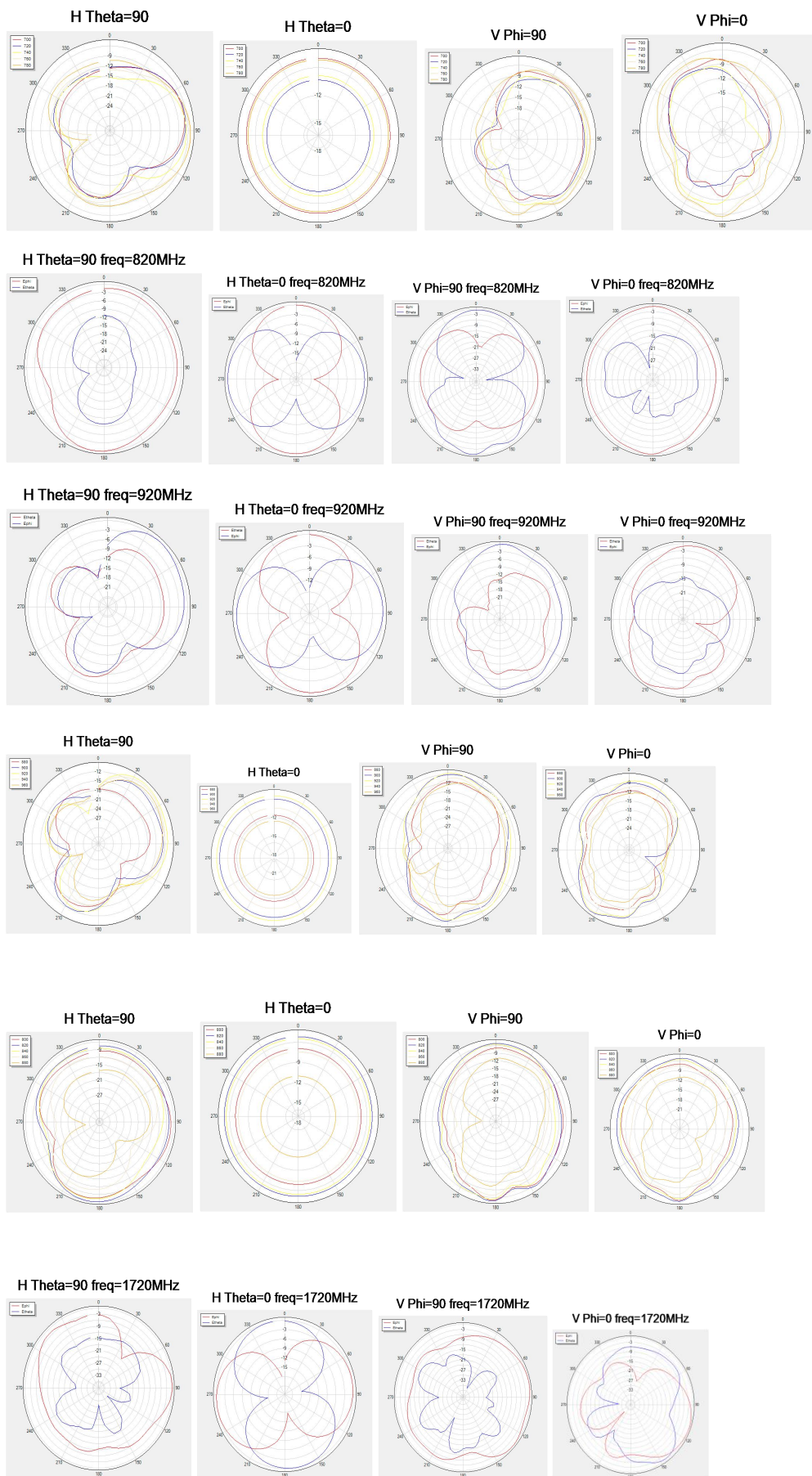
MIMO antenna apple map

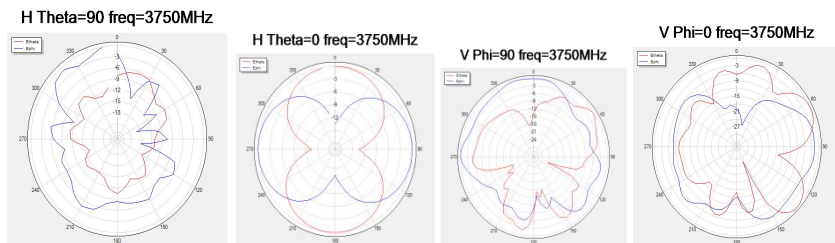
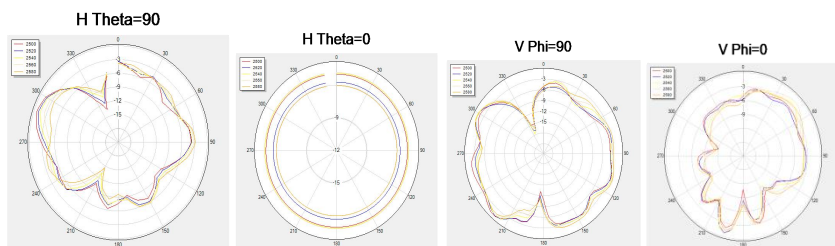
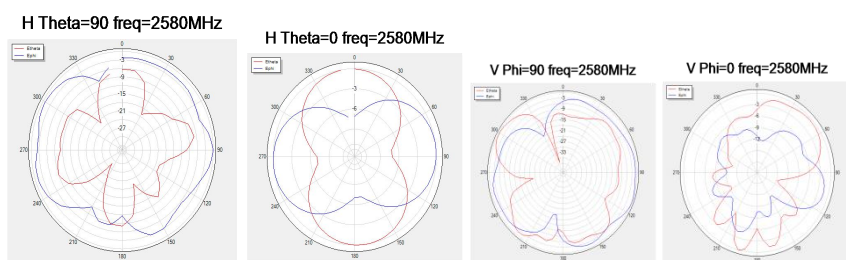
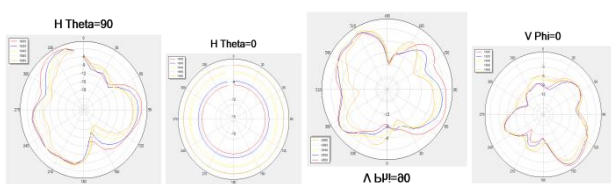
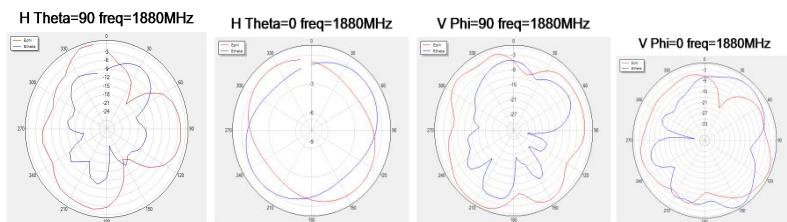
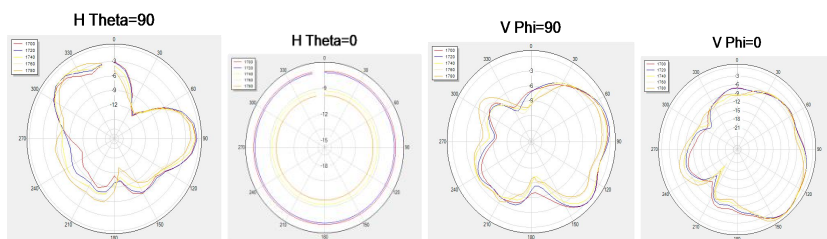


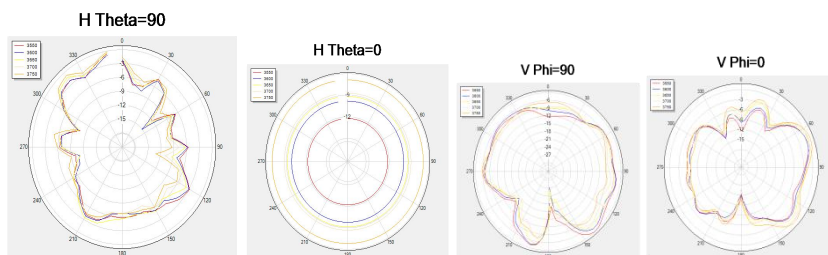


(MIMO antenna) PolarGraphs/EtotalGraphs



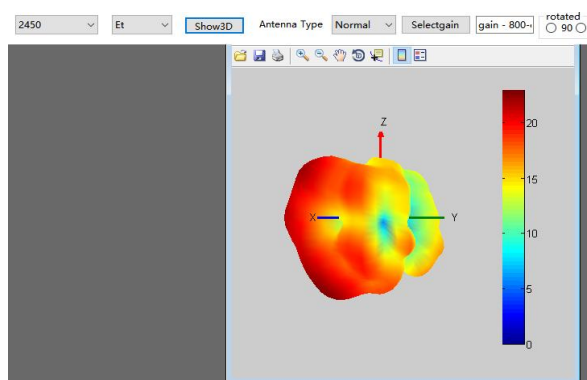
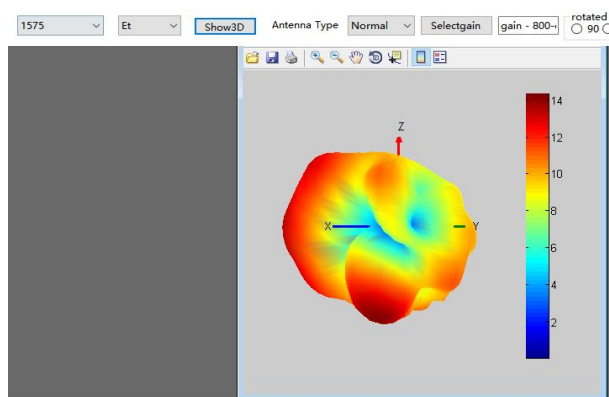


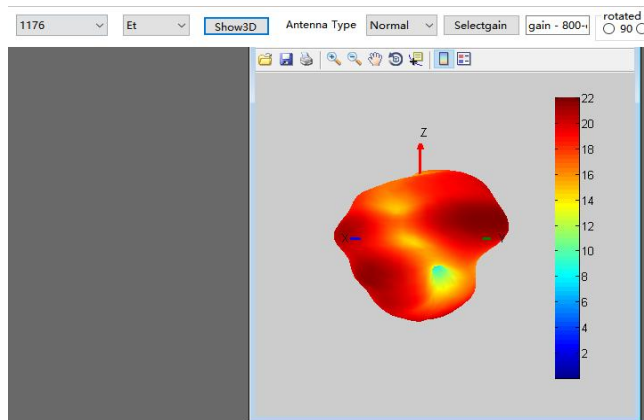
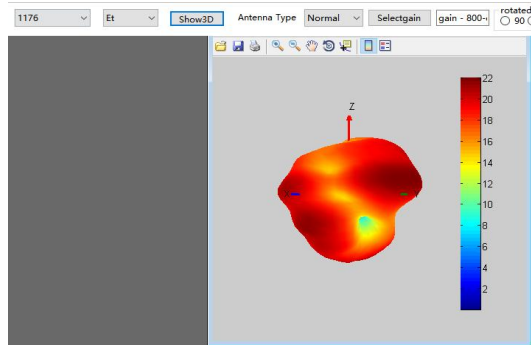
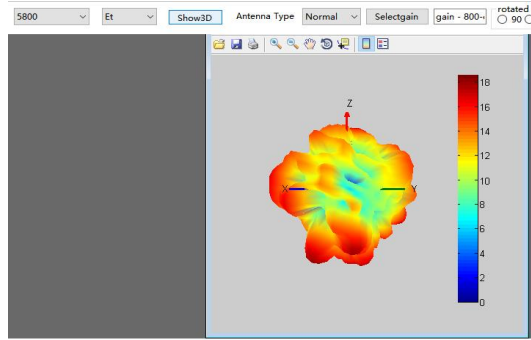




(GPS antenna) + (2.4G/5G WIFI/BT antenna) apple

Map





(GPS antenna) + (2.4G/5G WIFI/BT antenna)

PolarGraphs/EtotalGraphs

