ANWEI commnuication Equipment Co.,Ltd

APPROVAL SHEET

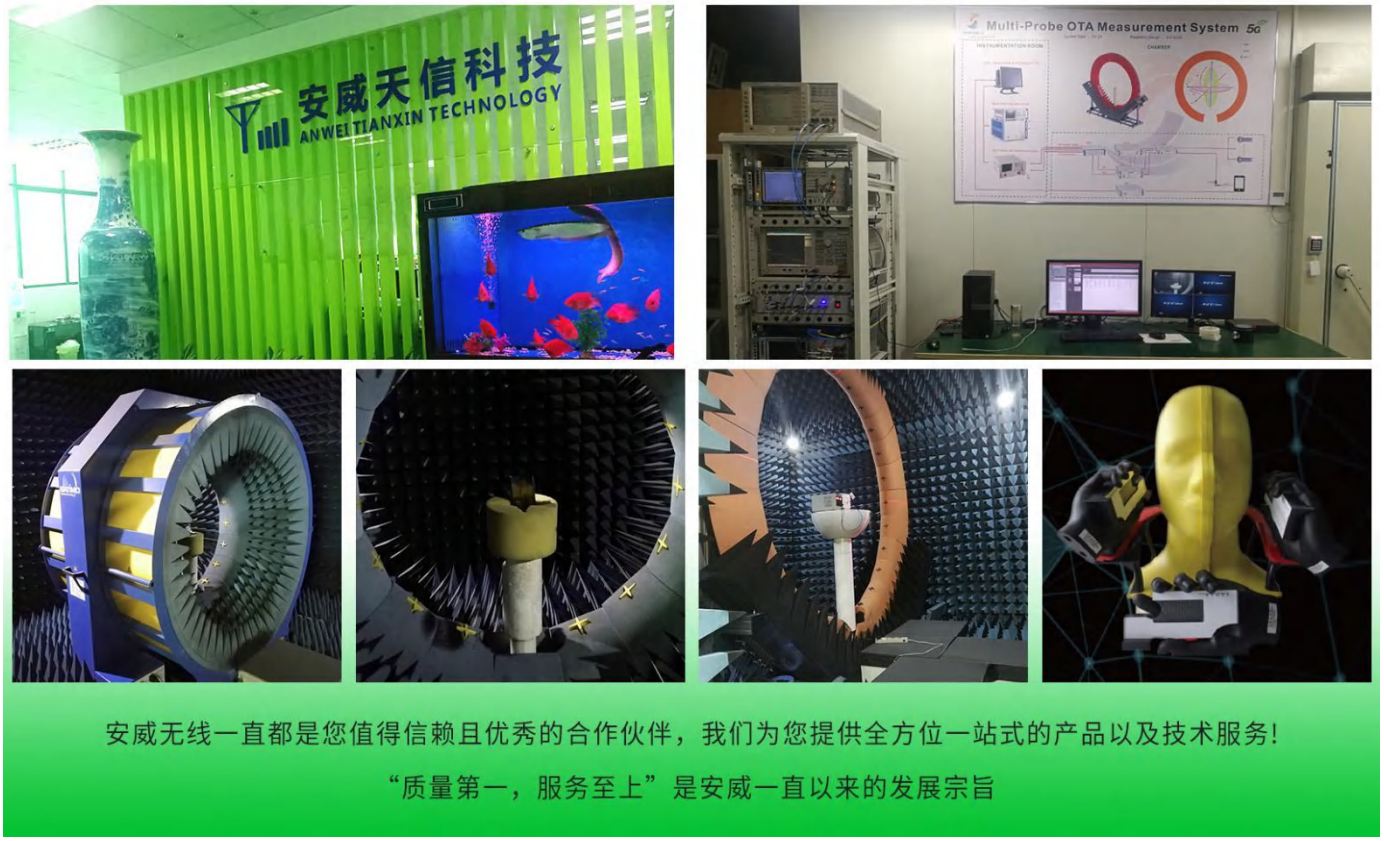
Customer	Youmi	Specs	C10 PRO
Part Number	AW006-G3-TAB-021-A0 AW006-G3-TAB-022-A0 AW006-G3-TAB-023-A0	Frequency Band	2G:GSM850/900/1800/1900 3G:WCDMA-B1/8 4G:LTE-B1/2/3/4/5/7/8/12/13/17/ 18/19/20/25/26/28AB/66/71+TDD38/40/41
Color	Black	Edition	REV:A0
Salesperson	Mr.Xie	Design	ZHONG ZHI HUI
Structure	QIN YUN LIN	Confirm	
Date	2025/6/16	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

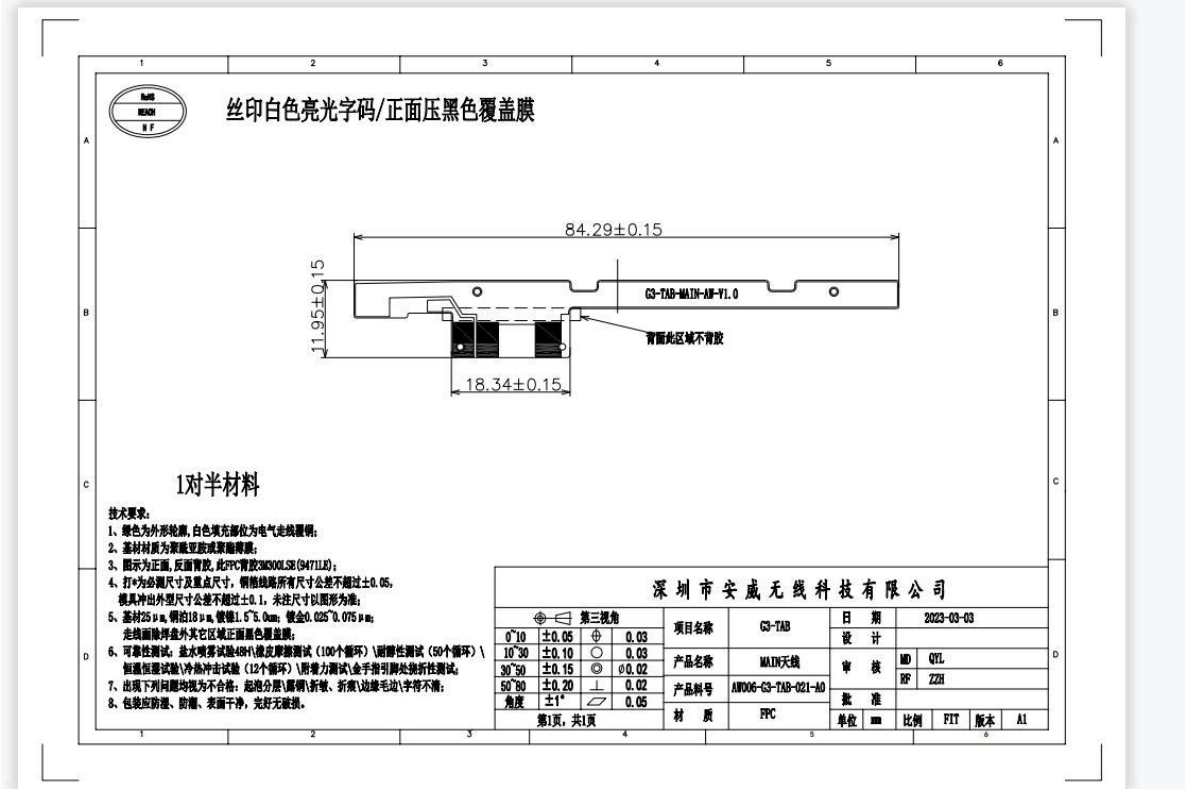
Project development environment



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!

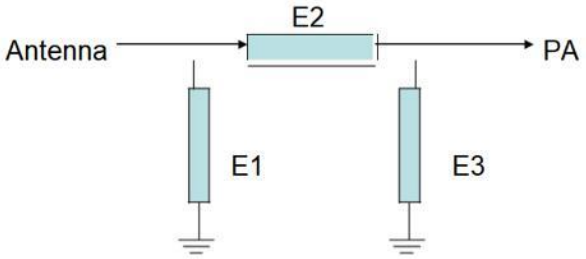
“质量第一，服务至上”是安威一直以来的发展宗旨

(MIMO antenna 0)



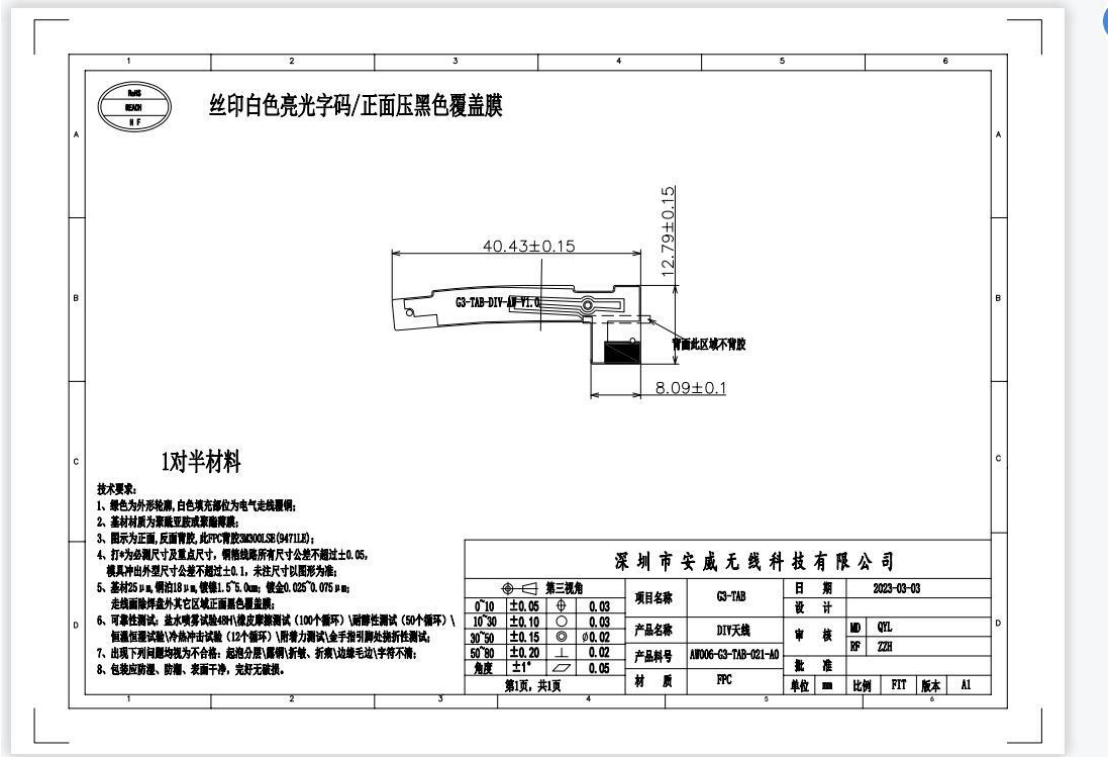
(**Working frequency band**)：647MHZ~960MHZ 1710~2690MHZ TRX
2G:GSM850/900/1800/1900
3G:W1/8
4G:LTE-B1/2/3/4/5/7/8/12/13/17/
18/19/20/25/26/28AB/66/71+TDD38/40/41

(Matcheing network)：



Element	Value
E1, C101	12NH
E2, R100	0Ω
E3, C100	NC

(MIMO antenna 1)



(**Working frequency band**): 647MHZ~960MHZ 1710~2690MHZ RX

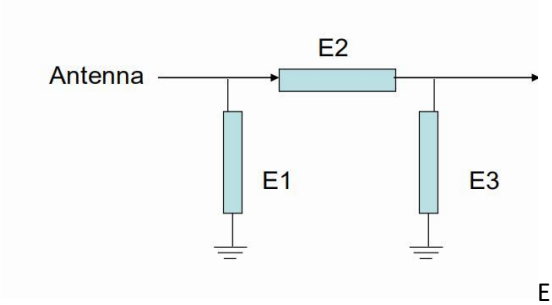
2G:GSM850/900/1800/1900

3G:W1/8

4G:LTE-B1/2/3/4/5/7/8/12/13/17/

18/19/20/25/26/28AB/66/71+TDD38/40/41

(Matcheing network)

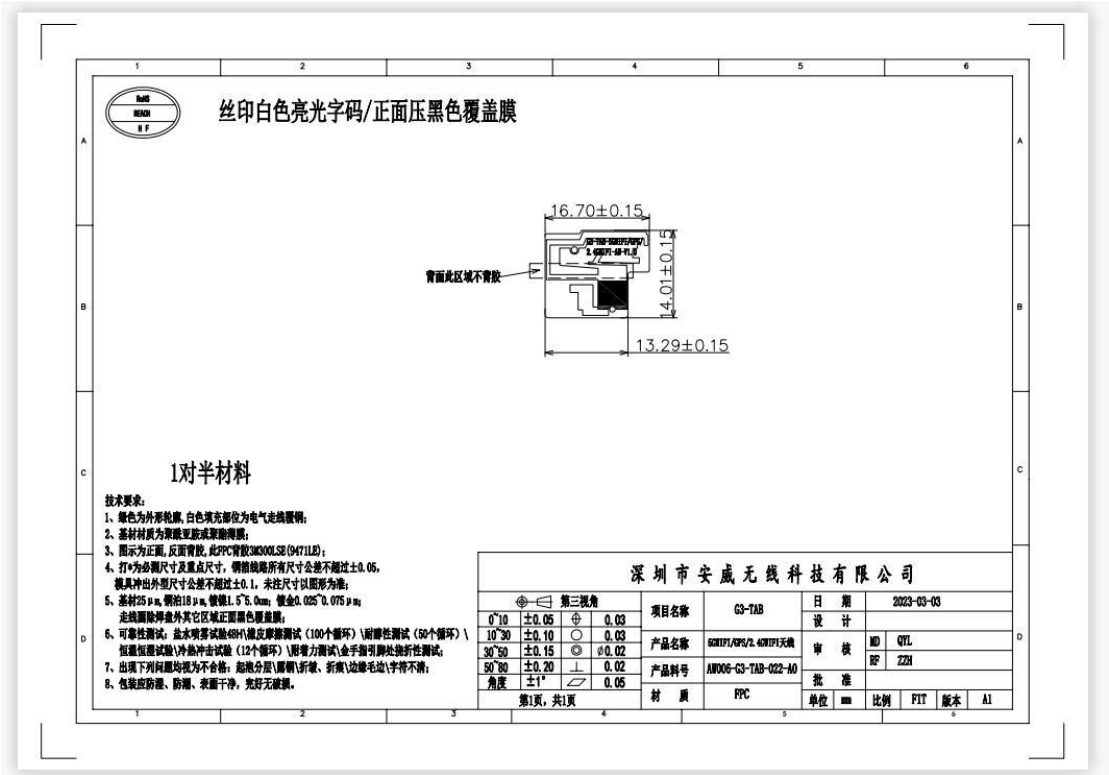


E1=NC

E2=**0** Ω

E3= NC

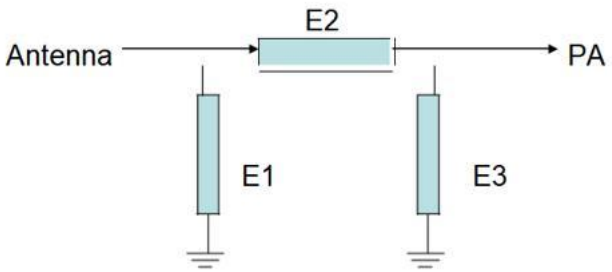
（GPS antenna）+（2.4G/5G WIFI/BT　antenna）



（Working frequency band of GPS antenna）：1559MHZ~1580MHZ

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

(Matcheing network)



Element	Value
E1	NC
E2	0Ω
E3	NC

ANWEI ANT TRP&TIS parameter Summary of G3TAB

BAND	Channel	TRP（dBm）	TIS（dBm）
FDD B1	L	19.48	
	M	19.23	
	H	18.84	-93.66
FDD B2	L	19.94	
	M	20.34	
	H	19.75	-95.64
FDD B3	L	18.58	
	M	18.31	
	H	19.03	-95.32
FDD B4	L	18.39	
	M	18.03	
	H	18.45	-91.93
FDD B5	L	18.01	
	M	18.24	
	H	18.15	-92.15
FDD B7	L	20.62	
	M	21.50	
	H	21.34	-94.23
FDD B8	L	18.00	
	M	17.16	
	H	16.13	-91.73
FDD B12	L	13.66	
	M	13.58	
	H	13.00	-91.81
FDD B13	L		
	M	16.72	-90.01
	H		

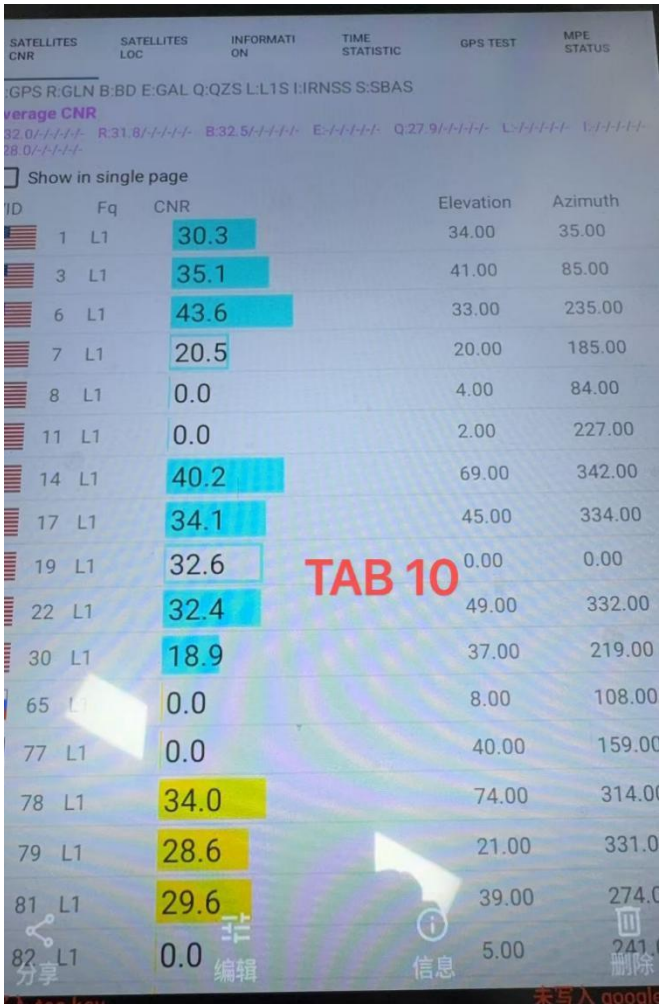
FDD B17	L	14.94	
	M	14.54	
	H	13.94	-91.54
FDD B18	L	18.11	
	M	18.27	
	H	18.53	-92.04
FDD B19	L	18.72	
	M	19.00	
	H	19.12	-90.12
FDD B20	L	19.01	
	M	19.38	
	H	19.51	-92.13
FDD B25	L	19.13	
	M	20.45	
	H	20.09	-95.26
FDD B26	L	16.47	
	M	17.19	
	H	17.89	-91.52
FDD B28A	L	15.84	
	M	14.08	
	H	14.17	-91.05
FDD B28B	L	14.44	
	M	14.41	
	H	14.55	-89.66
FDD B66	L	17.38	
	M	18.20	
	H	18.85	-93.66
FDD B71	L	13.58	
	M	13.11	
	H	13.24	-88.70

TDD B38	L	21.05	
	M	20.74	
	H	20.37	-91.39
TDD B40	L	21.13	
	M	21.62	
	H	20.68	-92.35
TDD B41	L	20.68	
	M	20.44	-92.66
	H	19.90	
WCDMA-B1	L	17.79	
	M	18.57	
	H	18.79	-106.66

WCDMA-B8	L	19.45	
	M	19.31	
	H	18.40	-105.53

	Channel	TRP（dBm）	TIS（dBm）
GSM850	L	26.41	
	M	26.79	
	H	27.04	-104.34
GSM900	L	28.39	
	M	27.89	
	H	27.52	-101.80
DCS1800	L	24.89	
	M	24.90	
	H	25.36	-106.36
PCS1900	L	25.69	
	M	26.36	
	H	26.14	-106.11
2.4G WIFI B 模 11M	L	11.66	-80.06
	M	11.36	-78.31
	H	13.09	-81.87
5 G WIFI A 模 54M	L	12.03	-72.26
	M	11.60	-73.70
	H	11.78	-72.17

(GPS Test)



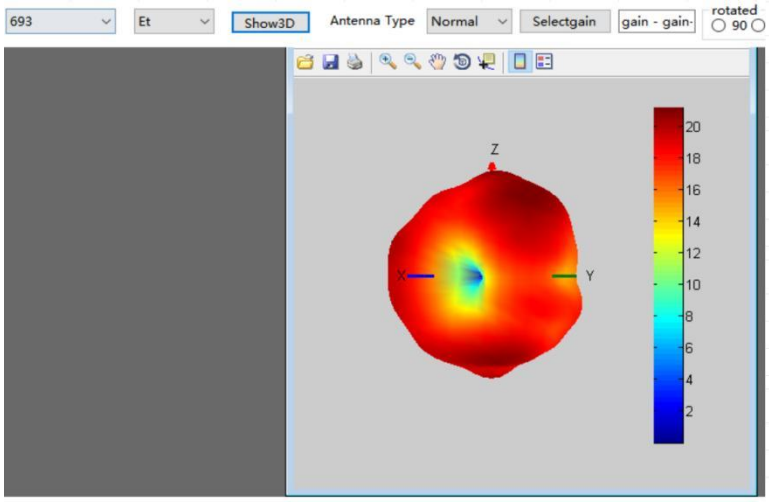
(Efficiency of GPS antenna)： 36%

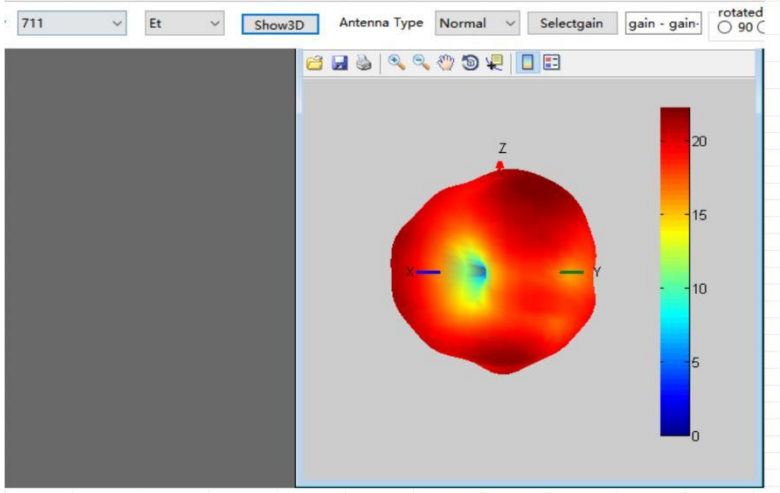
天线增益(Antenna gain)

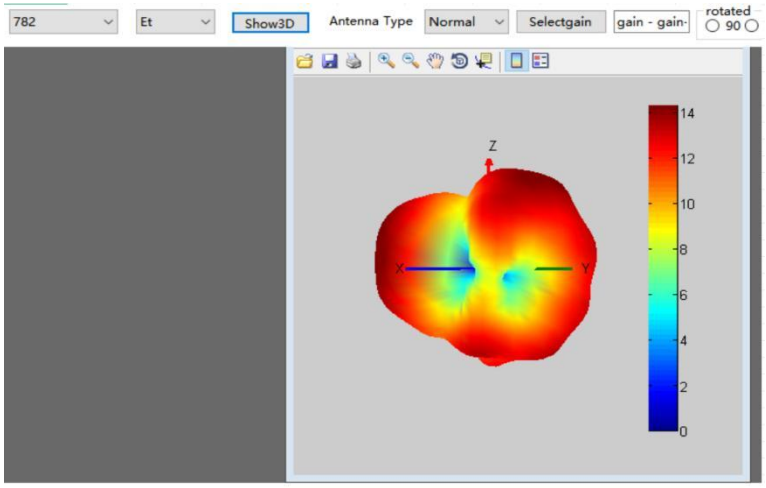
Standard	Band	Frequency	Gain(dbi)
TDD_LTE	TDD_B38	2600	1.81
TDD_LTE	TDD_B40	2360	0.52
TDD_LTE	TDD_B41	2600	1.81
FDD_LTE	FDD_B1	1960	1.71
FDD_LTE	FDD_B2	1900	1.14
FDD_LTE	FDD_B3	1720	1.03
FDD_LTE	FDD_B4	1720	1.03
FDD_LTE	FDD_B5	820	-0.76
FDD_LTE	FDD_B7	2520	1.05
FDD_LTE	FDD_B8	900	-1.13
FDD_LTE	FDD_B12	711	-2.37
FDD_LTE	FDD_B13	782	-2.71
FDD_LTE	FDD_B17	711	-2.37
FDD_LTE	FDD_B18	820	-0.76
FDD_LTE	FDD_B19	820	-0.76
FDD_LTE	FDD_B20	820	-0.76
FDD_LTE	FDD_B25	1900	1.14
FDD_LTE	FDD_B26	820	-0.76
FDD_LTE	FDD_B28AB	711	-2.37
FDD_LTE	FDD_B66	1720	1.03
FDD_LTE	FDD_B71	693	-3.14
WCDMA	WCDMA_B2	1900	1.14
WCDMA	WCDMA_B4	1700	1.03
WCDMA	WCDMA_B5	850	-0.76
GSM	GSM850	820	-0.76
GSM	GSM900	900	-1.13

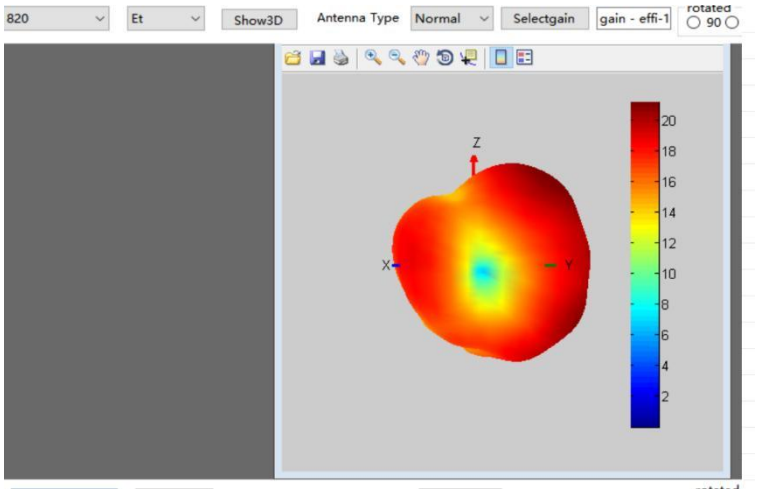
GSM	DCS1800	1720	1.03
GSM	PCS1900	1900	1.14
5G WIFI		5200	0.88
5G WIFI		5400	2.09
5G WIFI		5800	3.91
2.4G WIFI		2450	2.12
BT		2450	2.12
GPS		1575	-0.18

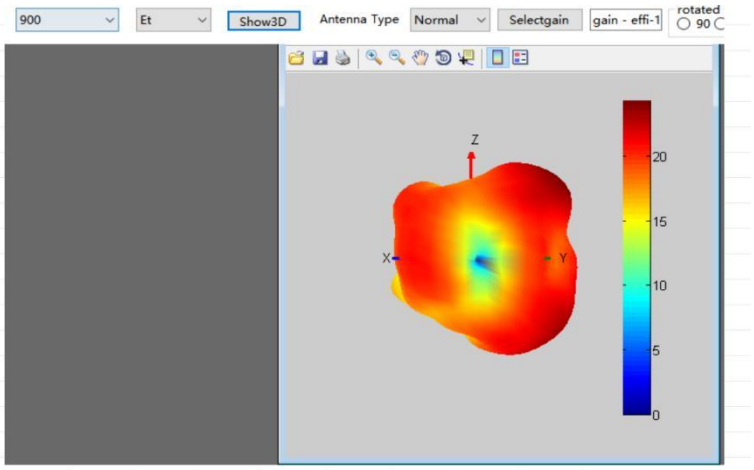
MIMO antenna apple map








820
Et
Show3D
Antenna Type
Normal
Selectgain
gain - effi-1
rotated
90
Z
X
Y
20
18
16
14
12
10
8
6
4
2


900
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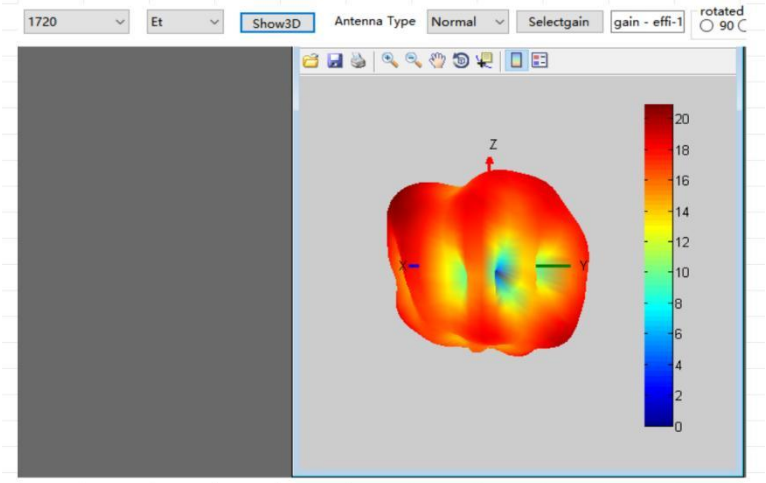
Show3D
Antenna Type
Normal
Selectgain
gain - effi-1
rotated
90
Z
X
Y
20
15
10
5
0


1720
Et
Show3D
Antenna Type
Normal
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rotated
90
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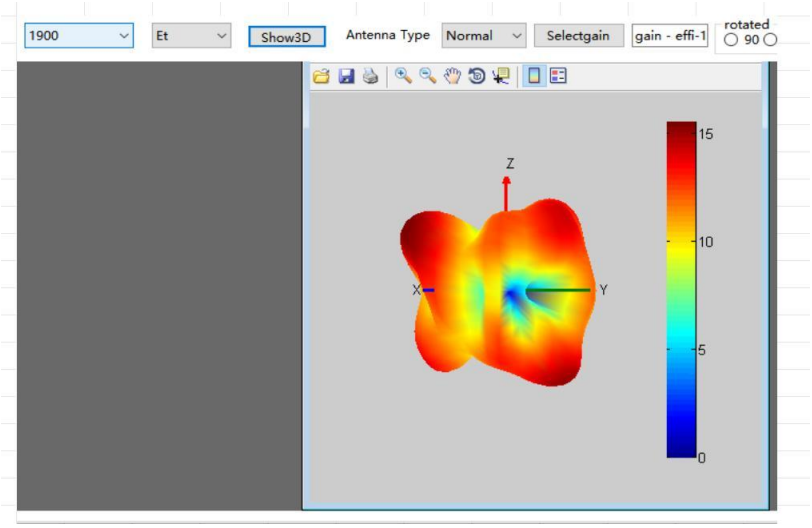
6
4
2
0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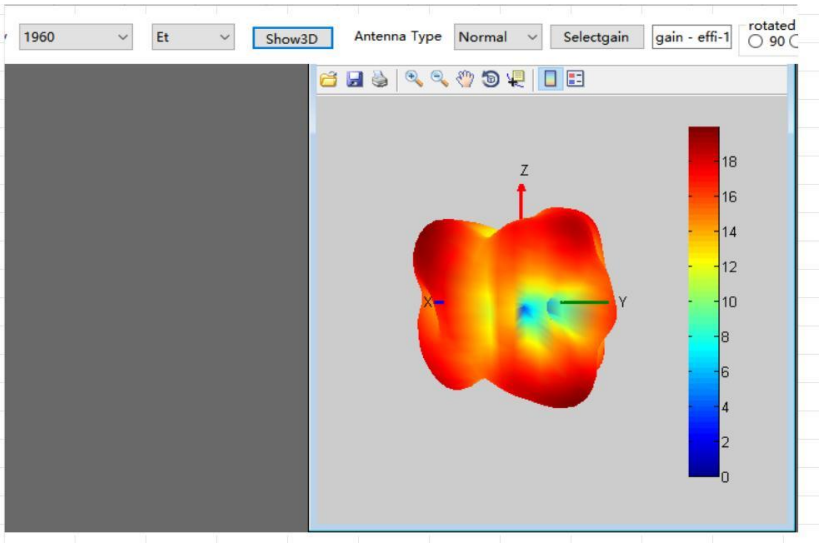
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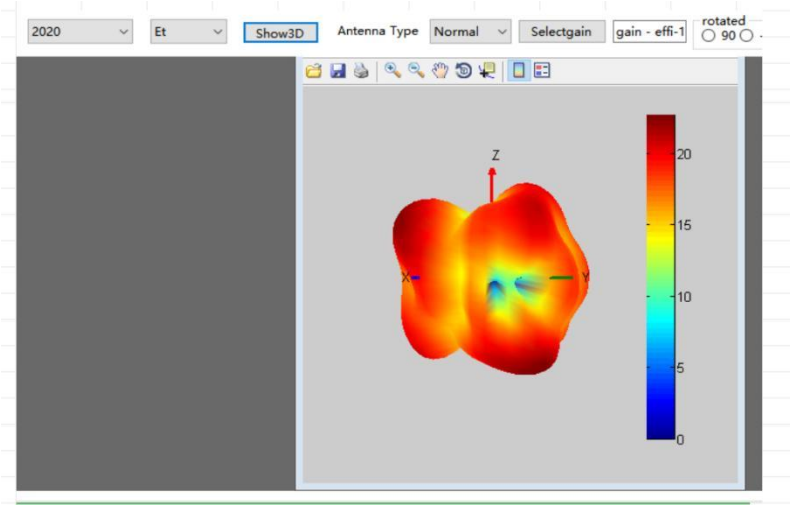
6
4
2
0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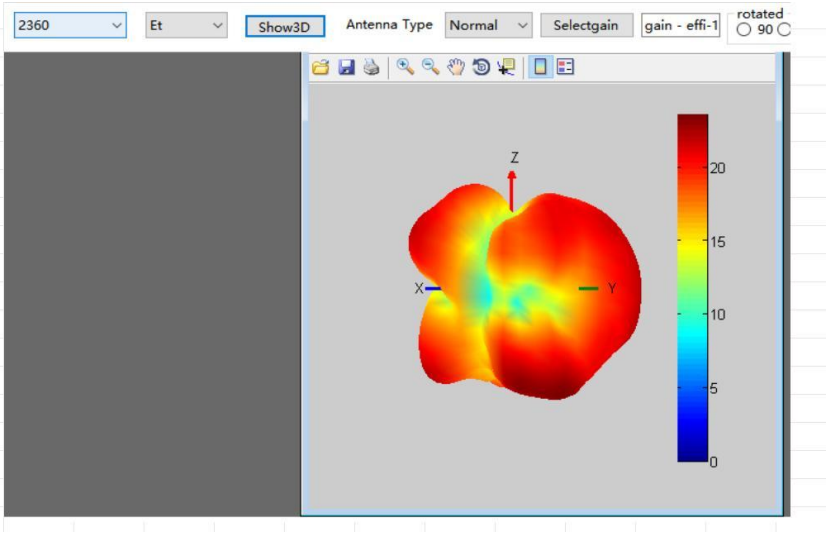
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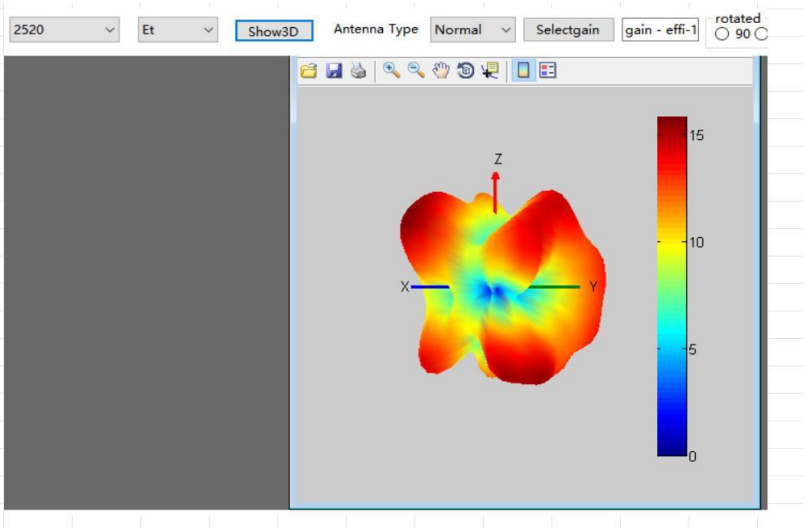
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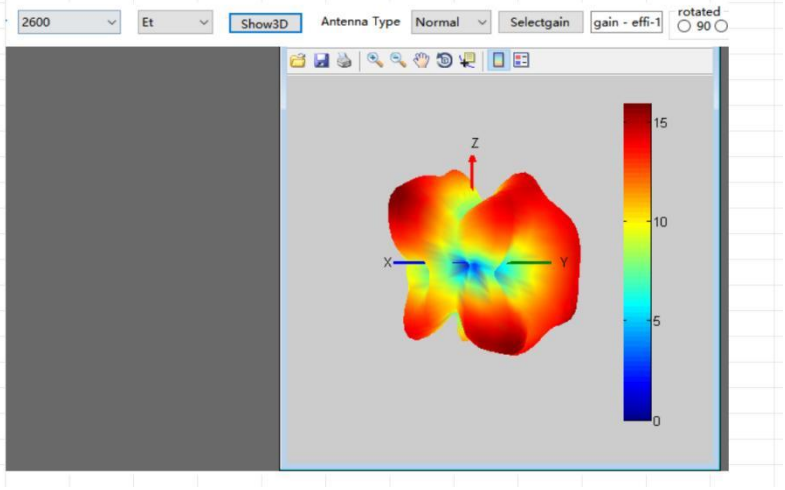
2600
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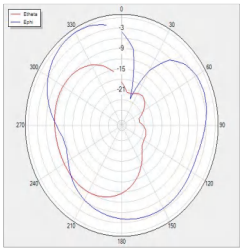
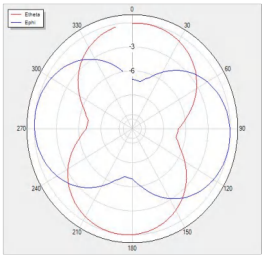
Show3D
Antenna Type
Normal
Selectgain
gain - effi-1
rotated
90
Z
X
Y
15
10
5
0

MIMO antenna **PolarGraphs**

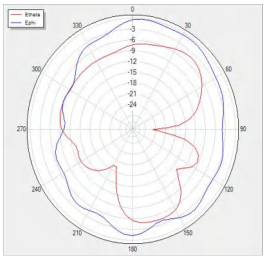
H Theta=90 freq=693MHz



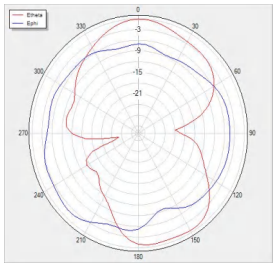
H Theta=0 freq=693MHz



V Phi=90 freq=693MHz



V Phi=0 freq=693MHz



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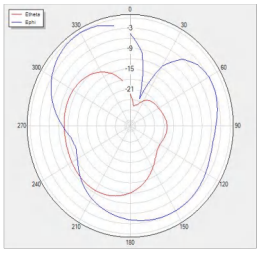

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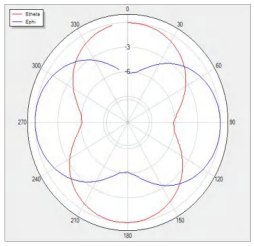
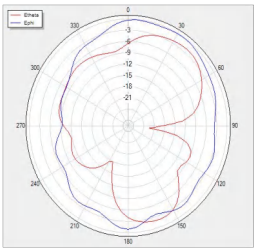


V Phi=90 freq=711MHz



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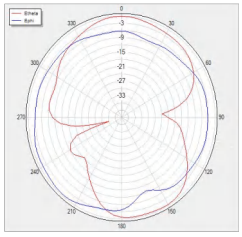

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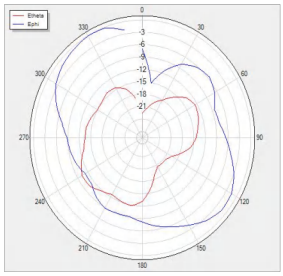

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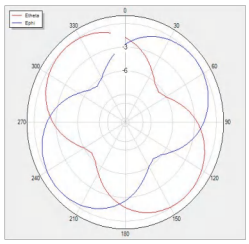
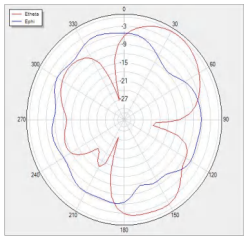
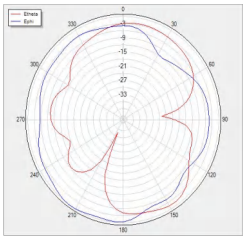


V Phi=90 freq=782MHz



V Phi=0 freq=782MHz



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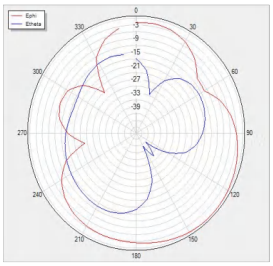

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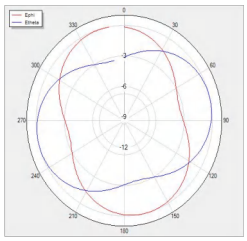
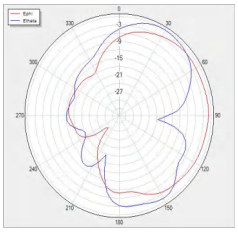
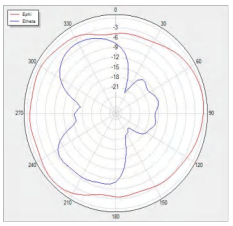


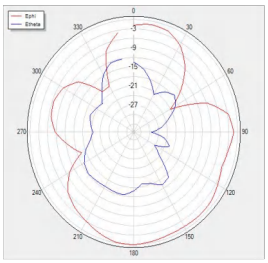
V Phi=90 freq=820MHz



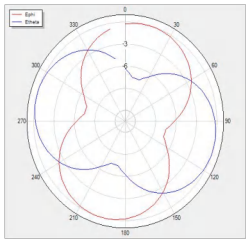
V Phi=0 freq=820MHz



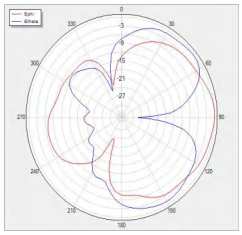
H Theta=90 freq=900MHz



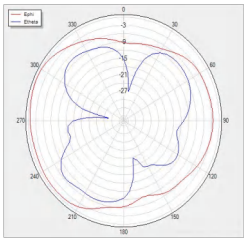
H Theta=0 freq=900MHz



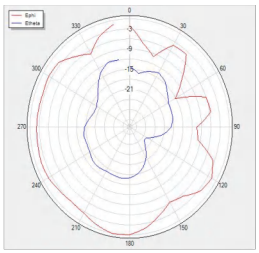
V Phi=90 freq=900MHz



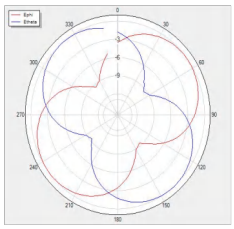
V Phi=0 freq=900MHz



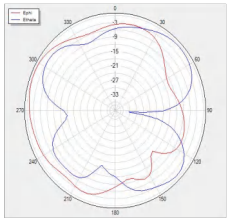
H Theta=90 freq=1720MHz



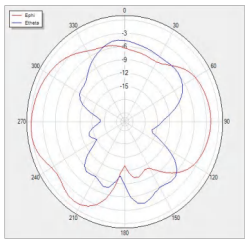
H Theta=0 freq=1720MHz



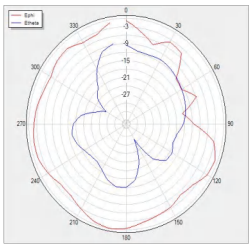
V Phi=90 freq=1720MHz



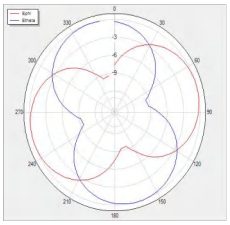
V Phi=0 freq=1720MHz



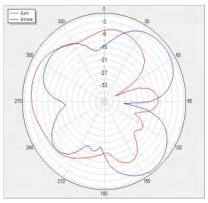
H Theta=90 freq=1900MHz



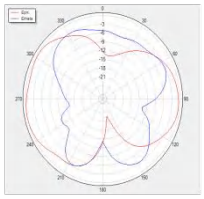
H Theta=0 freq=1900MHz



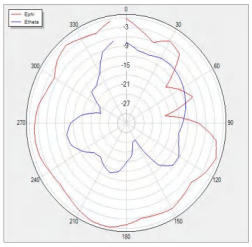
V Phi=90 freq=1900MHz



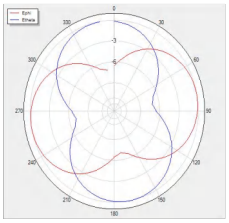
V Phi=0 freq=1900MHz



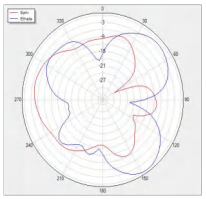
H Theta=90 freq=1960MHz



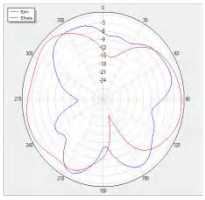
H Theta=0 freq=1960MHz



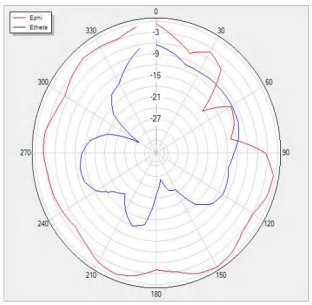
V Phi=90 freq=1960MHz



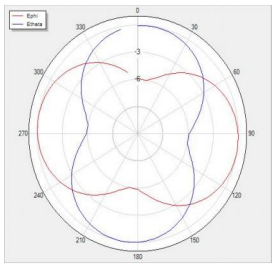
V Phi=0 freq=1960MHz



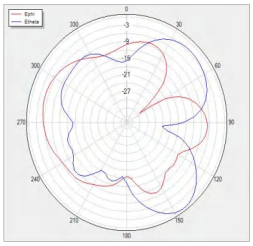
H Theta=90 freq=2020MHz



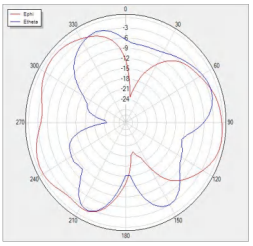
H Theta=0 freq=2020MHz



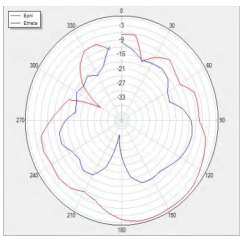
V Phi=90 freq=2020MHz



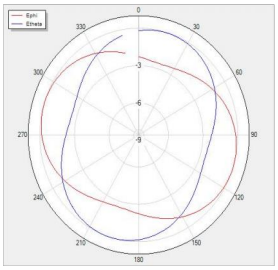
V Phi=0 freq=2020MHz



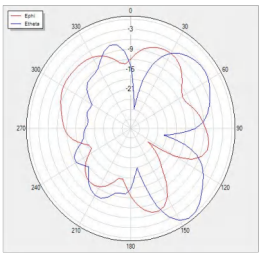
H Theta=90 freq=2360MHz



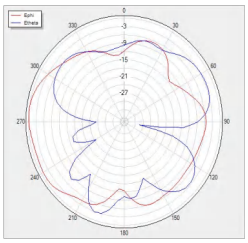
H Theta=0 freq=2360MHz



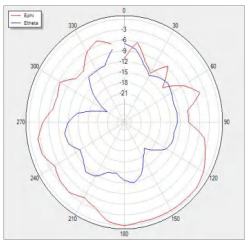
V Phi=90 freq=2360MHz



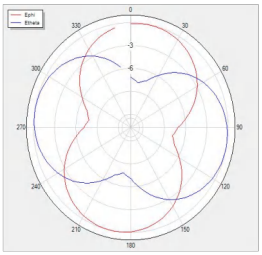
V Phi=0 freq=2360MHz



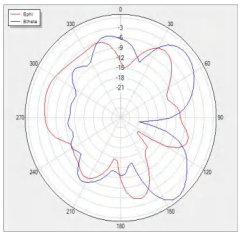
H Theta=90 freq=2520MHz



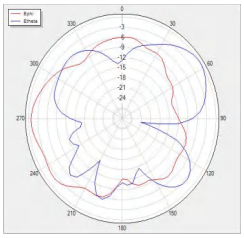
H Theta=0 freq=2520MHz



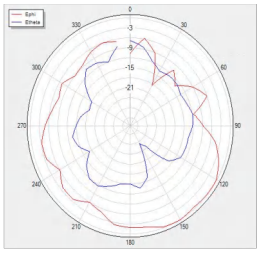
V Phi=90 freq=2520MHz



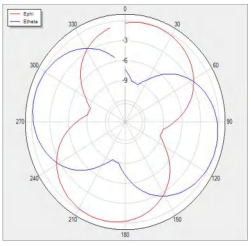
V Phi=0 freq=2520MHz



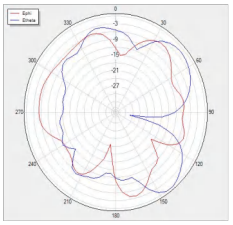
H Theta=90 freq=2600MHz



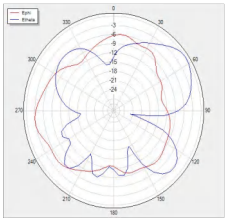
H Theta=0 freq=2600MHz



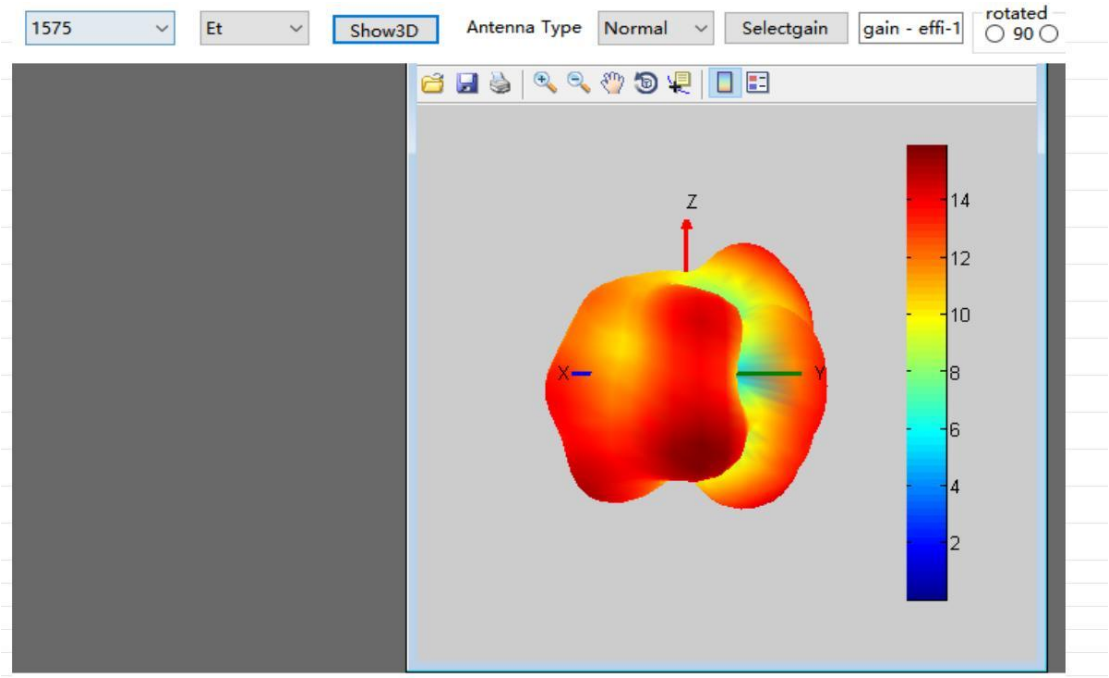
V Phi=90 freq=2600MHz

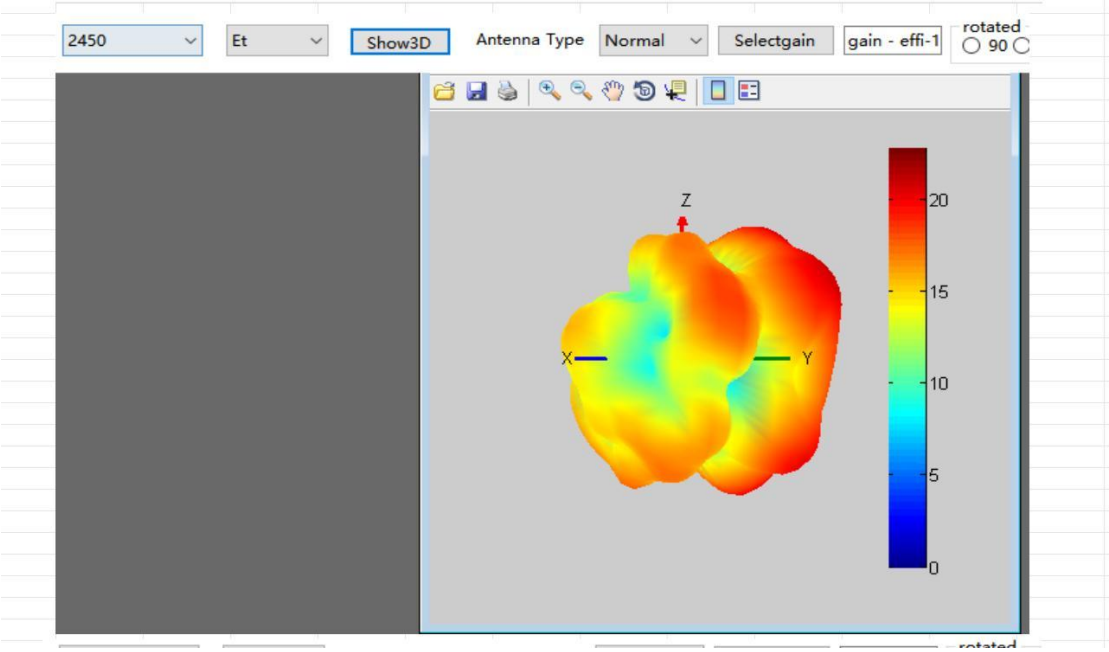


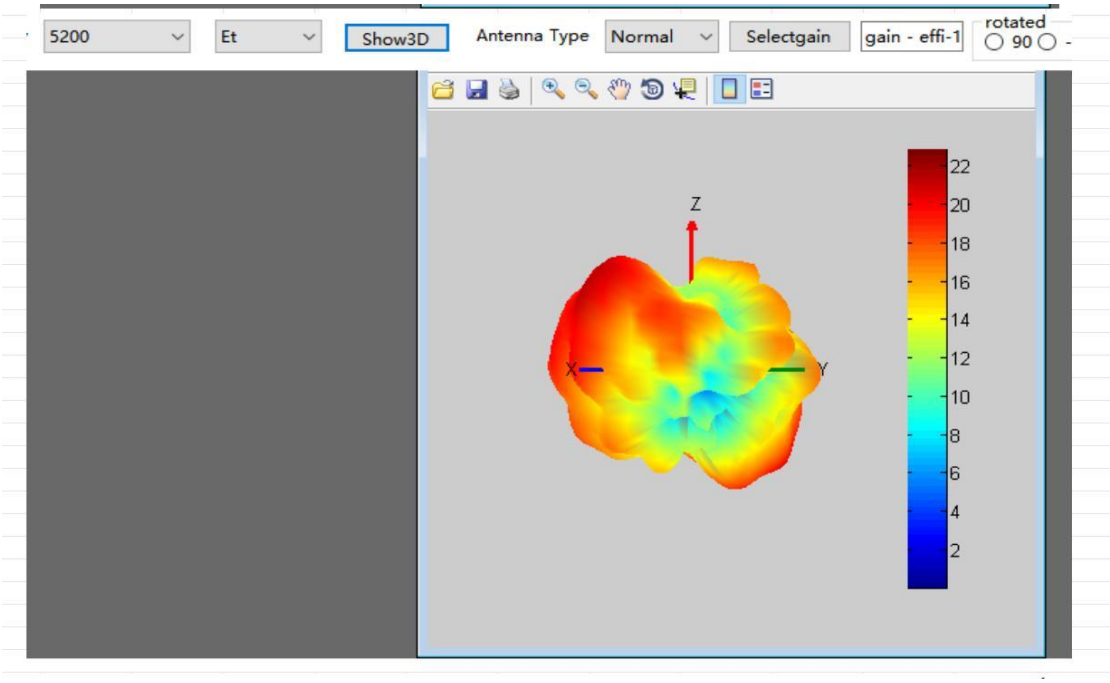
V Phi=0 freq=2600MHz



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



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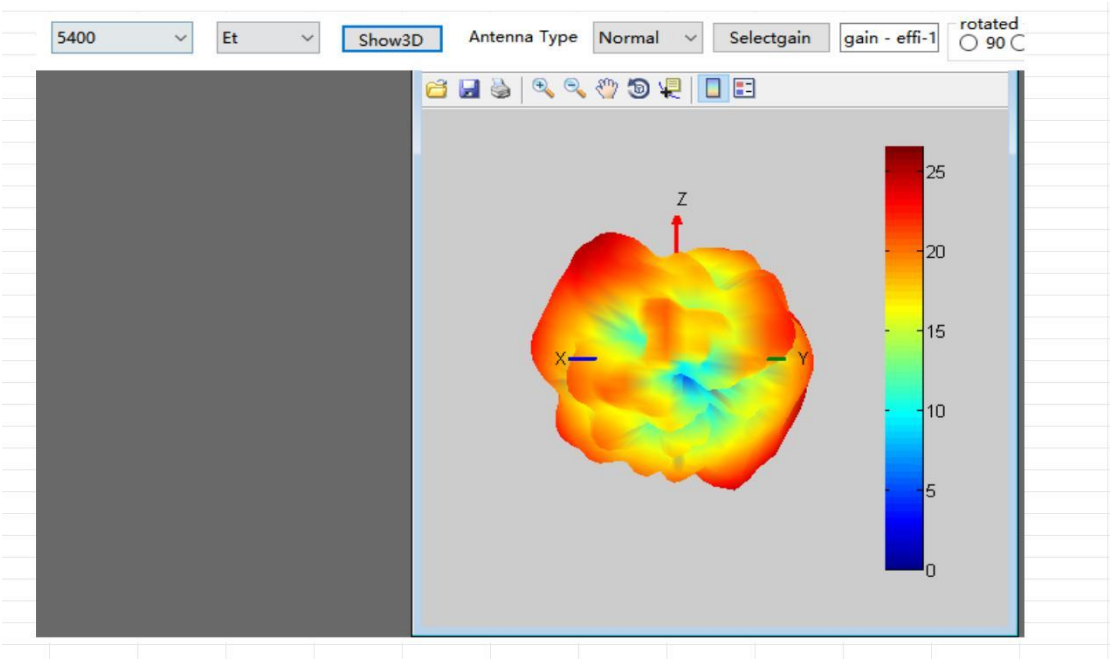
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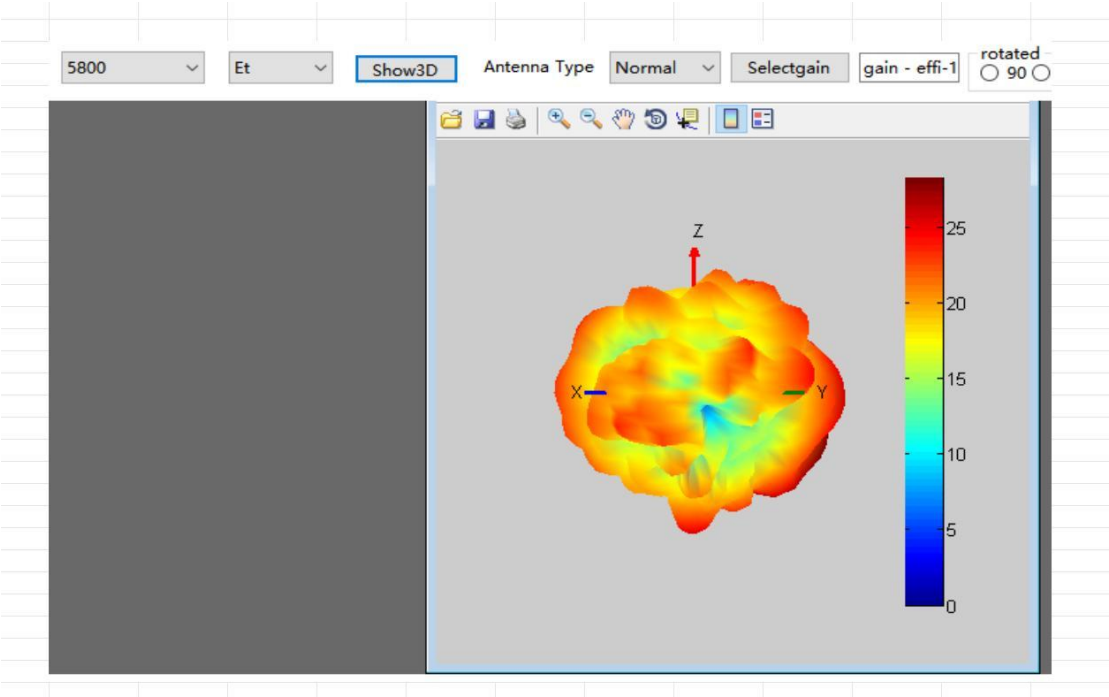
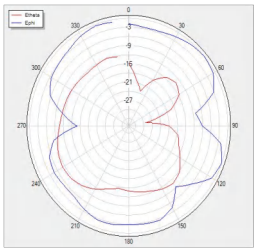
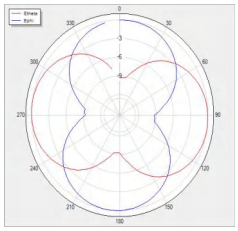


（GPS antenna）+（2.4G/5G WIFI/BT antenna） PolarGraphs

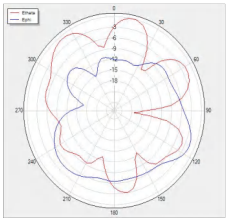
H Theta=90 freq=1575MHz



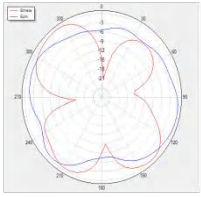
H Theta=0 freq=1575MHz



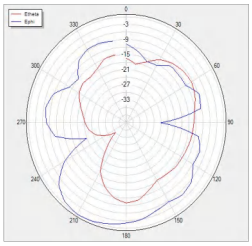
V Phi=90 freq=1575MHz



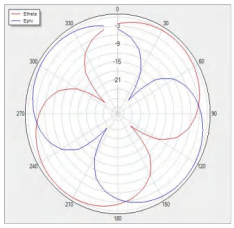
V Phi=0 freq=1575MHz



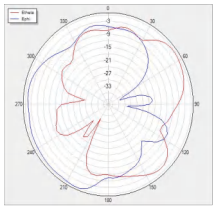
H Theta=90 freq=2450MHz



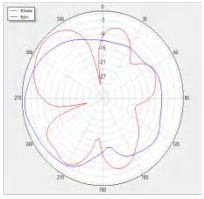
H Theta=0 freq=2450MHz



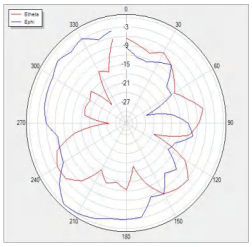
V Phi=90 freq=2450MHz



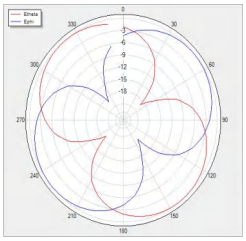
V Phi=0 freq=2450MHz



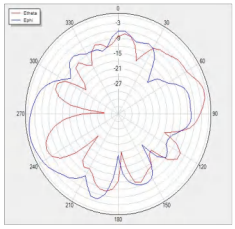
H Theta=90 freq=5200MHz



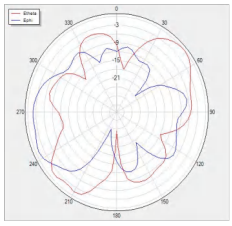
H Theta=0 freq=5200MHz



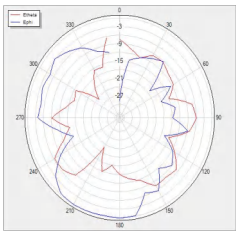
V Phi=90 freq=5200MHz



V Phi=0 freq=5200MHz



H Theta=90 freq=5400MHz



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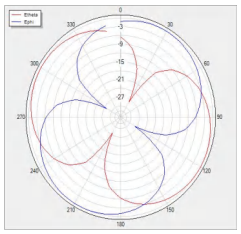

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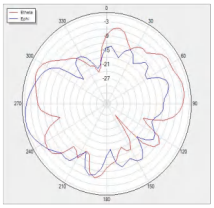

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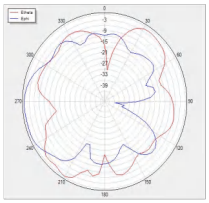

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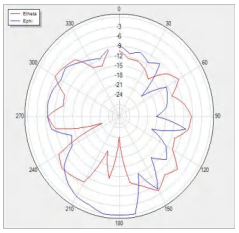

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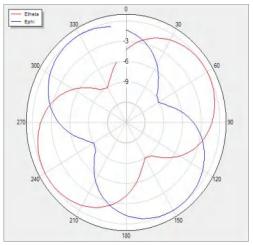

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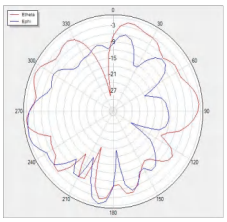
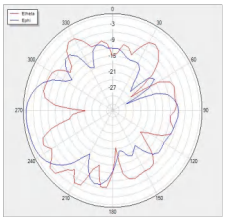
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