

深圳市安威无线科技有限公司

ANWEI commnuication Equipment Co.,Ltd

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

2nd Floor, East Block, Building 5, Yifenghua Industrial Park, Huaning Road, Dalang, Longhua New District, Shenzhen, Guangdong, China

规格书

APPROVAL SHEET

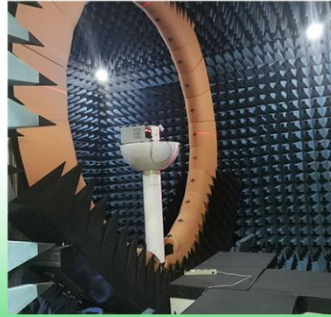
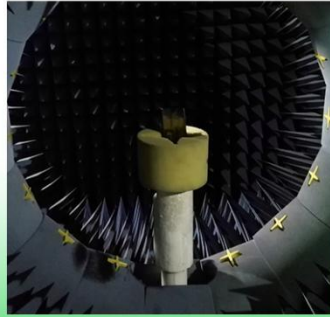
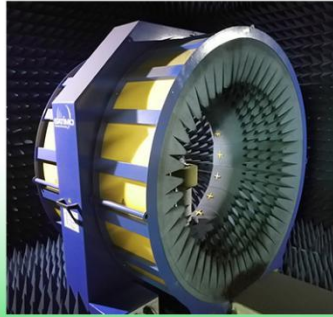
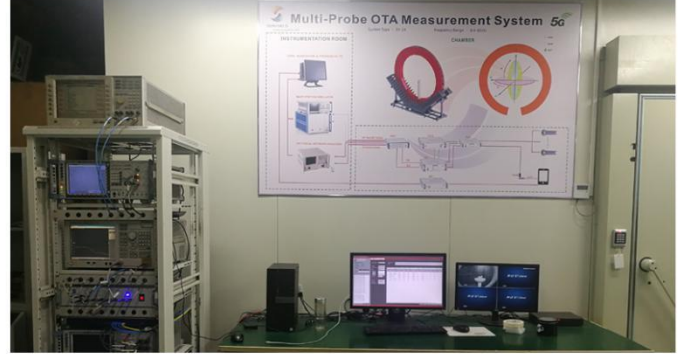
客户 Customer	Sibituo	规格型号 Specs	P6
安威料号 Part Number		频 段 Frequency Band	GSM:2/3/5/8/W1/2/5/8/FDD:1/3/5/7/8/TDD: 38/39/40/41
颜 色 Color	黑油(Black Oil)	版 本 Edition	REV:A
销 售 Salesperson	Mr.lin	设 计 Design	XU LONG
结 构 Structure	QIN YUN LIN	确 认 Confirm	
日 期 Date	2024/03/08	签字日期 Signing Date	

客户确认 Customer confirmation:

携手共进 共创未来
Join hands to create the future

项目开发环境

Project development environment

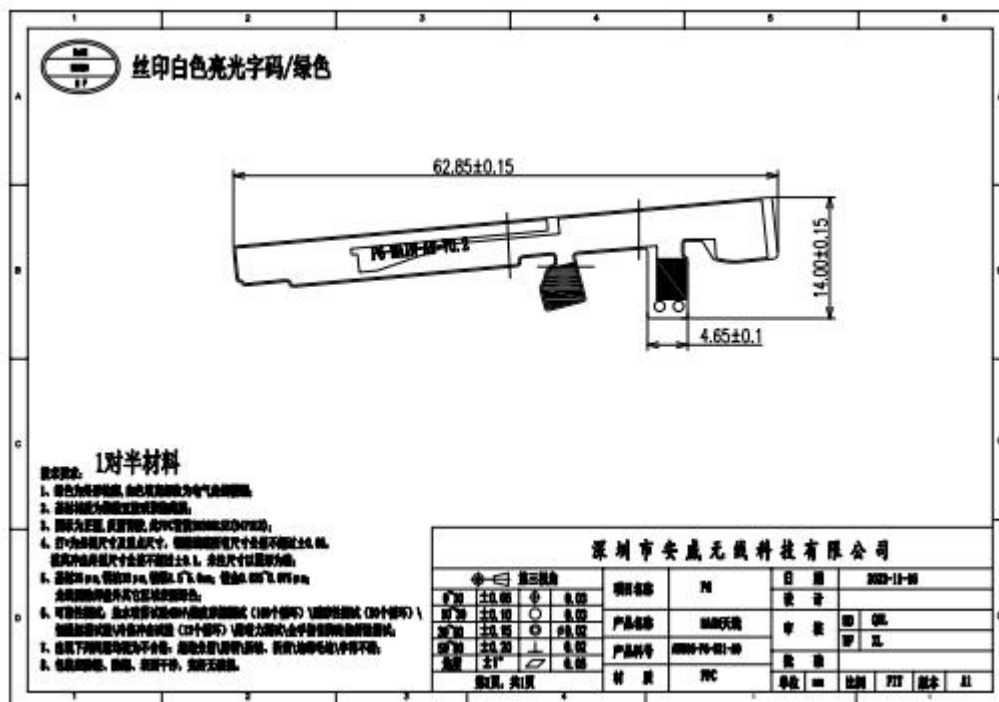


安威无线一直都是您值得信赖且优秀的合作伙伴，我们为您提供全方位一站式的的产品以及技术服务！

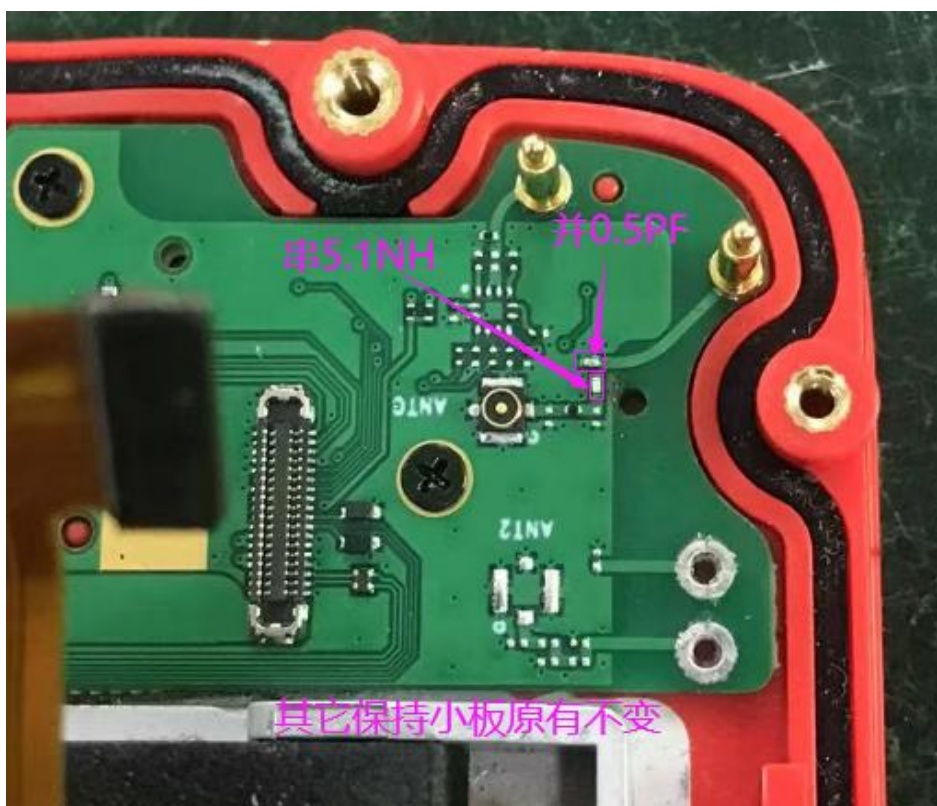
“质量第一，服务至上”是安威一直以来的发展宗旨

主集天线 (Master antenna 0)

工作频段(Working frequency band): 700MHZ~2700MHZ



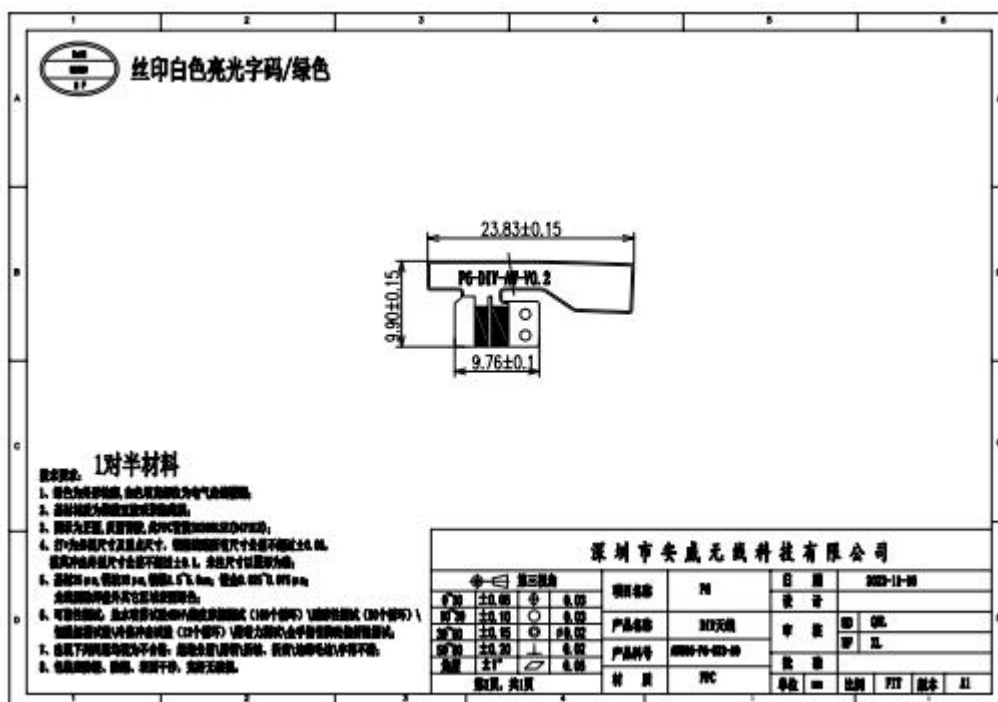
天线匹配(Matcheing network):



工作频段

DRX 工作频段(DRX Working frequency band):1710MHZ~2170MHZ

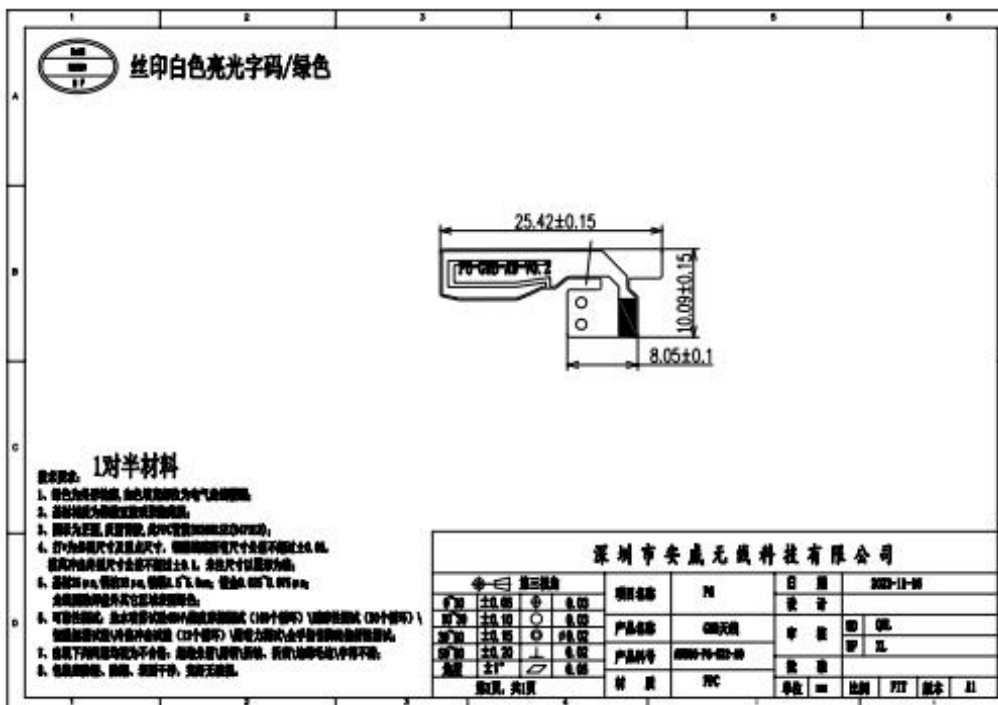
DCS1800/PCS1900/WCDMA1/2/4/BC1/FDD1/2/3/4/25/66/TDD34/N1/N2/N3/N25/N66



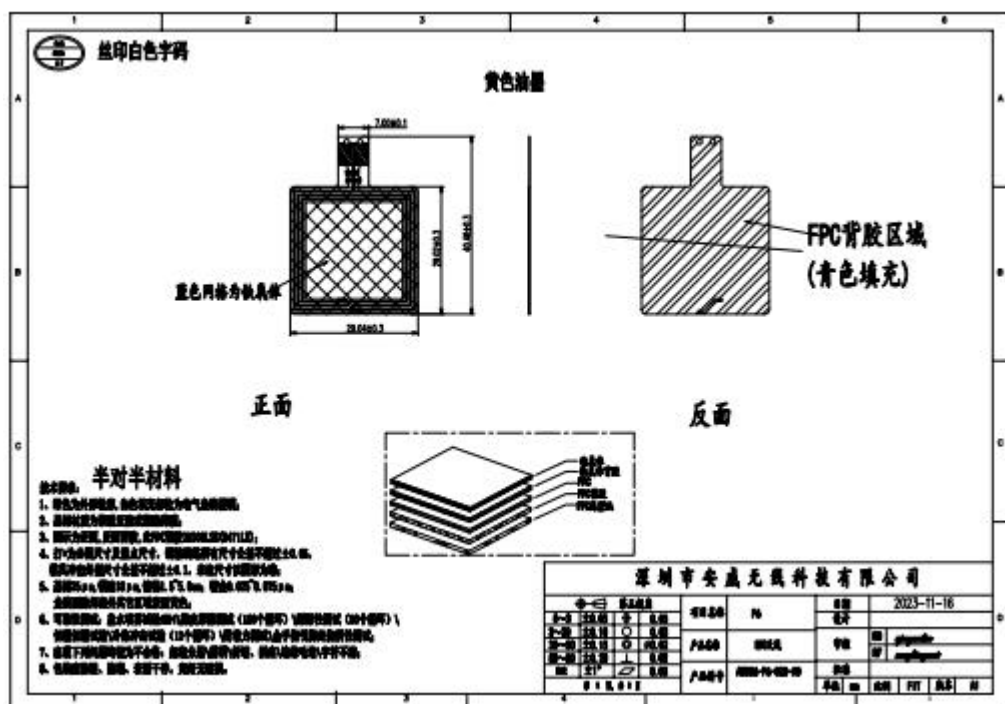
GWB 天线 (GPS/WIFI/BT antenna)

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

2.4GWIFI 工作频段 (Working frequency band): 2410MHZ~2500MHZ



NFC 天线 (NFC antenna) 工作频段 (Working frequency band): 13.56MHz



ANWEI ANT TRP&TIS parameter Summary of P6

ANWEI ANT TRP&TIS parameter Summary of P6						
BAND	GSM900			DCS1800		
CHANNEL	1	62	124	512	698	885
TRP (dBm)	26.75	26.51	26.43	23.35	23.51	25.18
TIS (dBm)			-102.3			-102.3
BAND	GSM850			PCS1900		
CHANNEL	128	190	251	512	661	810
TRP (dBm)	25.61	26.15	26.54	25.23	25.16	24.45
TIS (dBm)			-102.5			-102.6
BAND	WCDMA2100			WCDMA1900		
CHANNEL	10562	10700	10838	9262	9400	9538
TRP (dBm)	16.68	17.32	17.45	17.56	17.41	17.23
TIS (dBm)			-102.6			-103.2
BAND	WCDMA850			WCDMA900		
CHANNEL	4132	4183	4233	2937	3013	3088
TRP (dBm)	16.41	16.54	16.87	17.26	17.13	16.57
TIS (dBm)			-102.4			-102.5

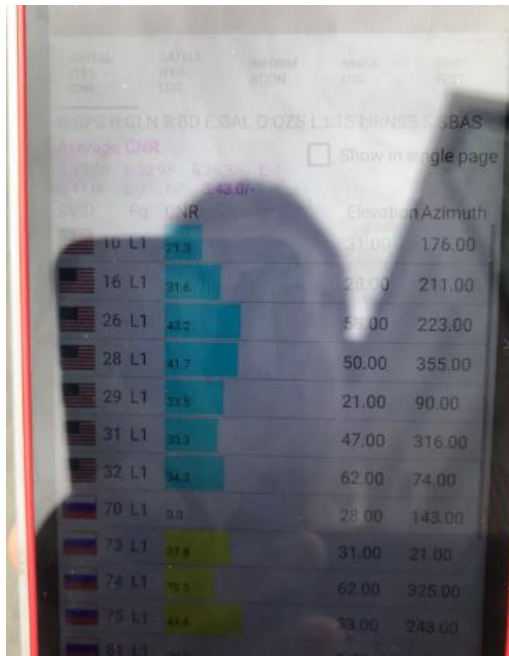
ANWEI ANT TRP&TIS parameter Summary of P6						
BAND	FDD-1			FDD-2		
CHANNEL	18100	18300	18500	1855	1880	1905
TRP (dBm)	17.15	17.28	17.46			
TIS (dBm)			-91.14			
BAND	FDD-3			FDD-5		
CHANNEL	19250	19575	19900	20450	20525	20600
TRP (dBm)	17.21	17.35	17.48	16.38	16.69	17.23
TIS (dBm)			-90.54			-90.23
BAND	FDD-7			FDD-8		
CHANNEL	20800	21100	21400	21500	21625	21750
TRP (dBm)	17.32	16.61	16.52	17.35	16.12	15.21
TIS (dBm)			-90.16			-88.13
BAND	TDD-34			TDD-38		
CHANNEL	36250	36275	36300	37850	38000	38150
TRP (dBm)	17.42	17.68	17.58	17.16	17.24	16.65
TIS (dBm)			-91.23			-89.43

ANWEI ANT TRP&TIS parameter Summary of P6						
BAND	TDD-39			TDD-40		
CHANNEL	38350	38450	38550	38750	39150	39550
TRP (dBm)	17.64	17.32	16.49	17.24	16.73	16.35
TIS (dBm)			-90.48			-88.73
BAND	TDD-41			CDMA		
CHANNEL		40620		1013	384	777
TRP (dBm)		16.58		17.32	17.42	17.52
TIS (dBm)		-90.17				-101.2

2.4G WIFI and 5G WIFI Active data

Standard	Band	Channel	Frequency	TRP	TIS
WIFI_B	B_11M	1	2412	8.04	-80.13
WIFI_B	B_11M	6	2437	8.16	-80.24
WIFI_B	B_11M	11	2462	8.91	-80.56
WIFI_A	A_54M	36	5180	7.63	-70.13
WIFI_A	A_54M	64	5320	7.45	-69.69
WIFI_A	A_54M	165	5825	7.13	-69.16

GPS 测试(GPS Test)



GPS 效率(Efficiency of GPS antenna): 45%

天线增益(Antenna gain)

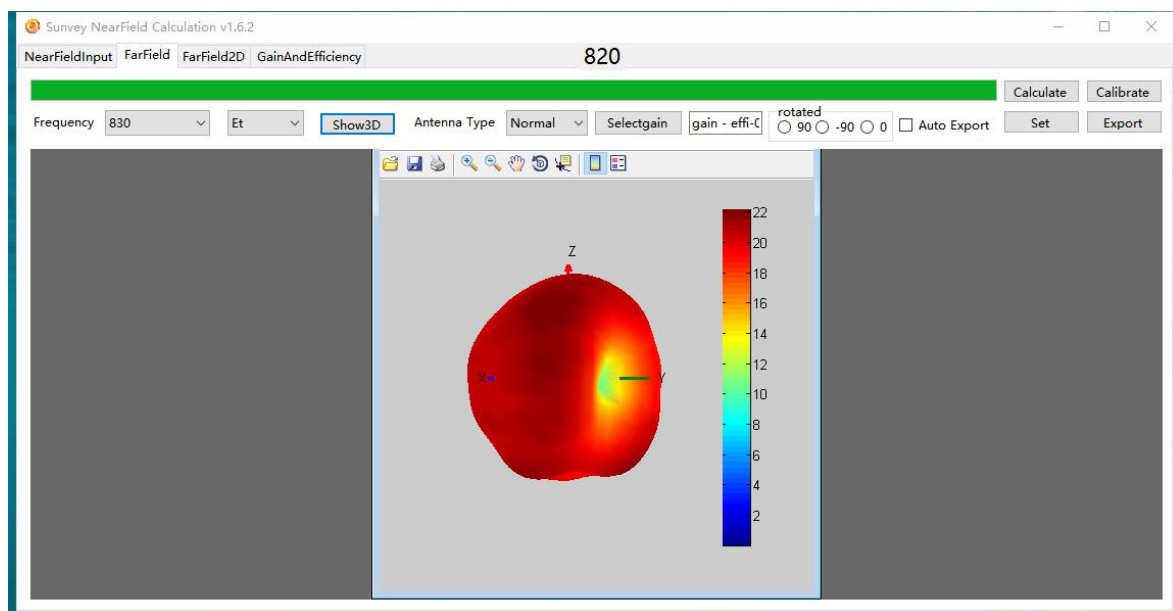
GSM850	-0.53
EGSM900	-0.49
DCS1800	-0.35
PCS1900	-0.32
W2100	-0.34
W900	-0.49
W850	-0.53
W1900	-0.32
W1700	
W2000	
W800	
BC0	-0.53
BC1	
FDD	
B1	-0.34
B2	
B3	-0.35
B4	
B5	-0.53
B7	-0.26
B8	-0.49
B12	
B13	
B17	
B18	
B19	
B20	
B25	

NR	
N1	
N2	
N3	
N5	
N7	
N8	
N12	
N20	
N25	
N28	
N38	
N40	
N41	
N66	
N71	
N77	
N78	

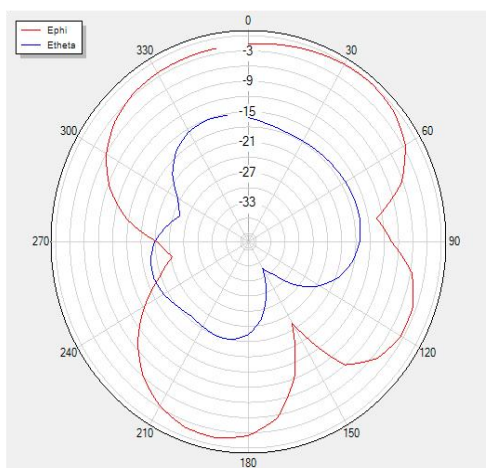
B26	
B28	
TDD	
B34	-0.34
B38	-0.27
B39	-0.34
B40	-0.38
B41	-0.26
B66	
NFC	1.47
GPS	-0.41
WIFI	-0.58
BT	-0.58
5G WIFI	0.13

以上单位为：dB

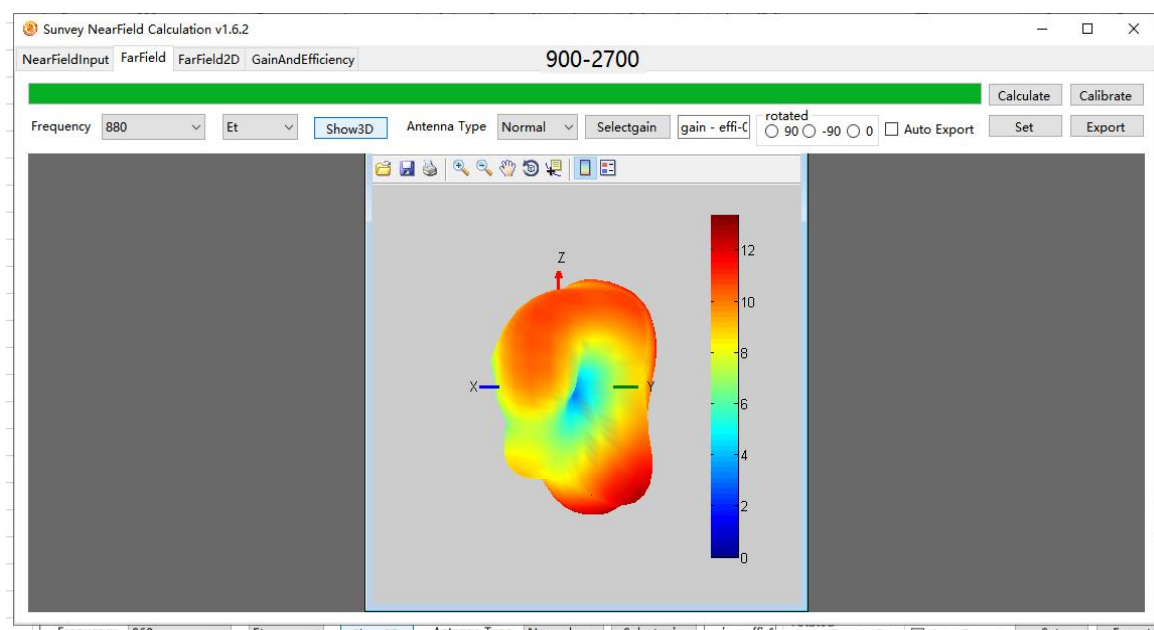
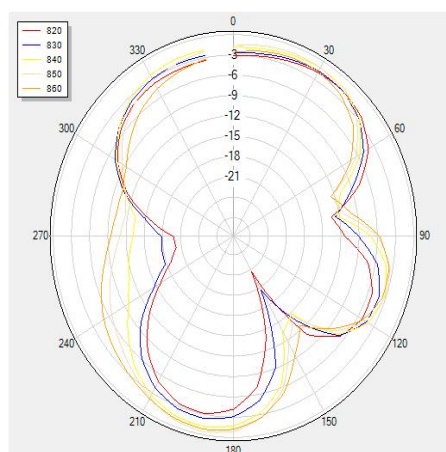
天线苹果图（Antenna Apple Diagram）：



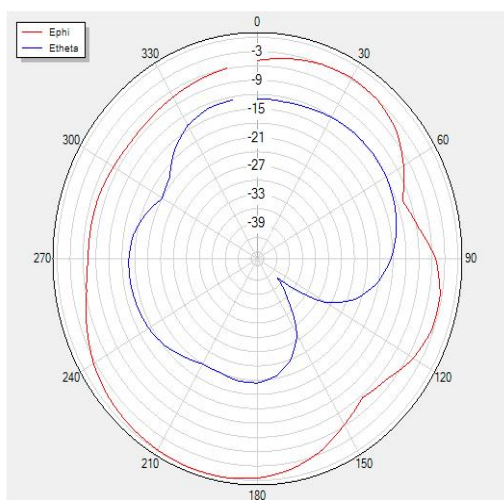
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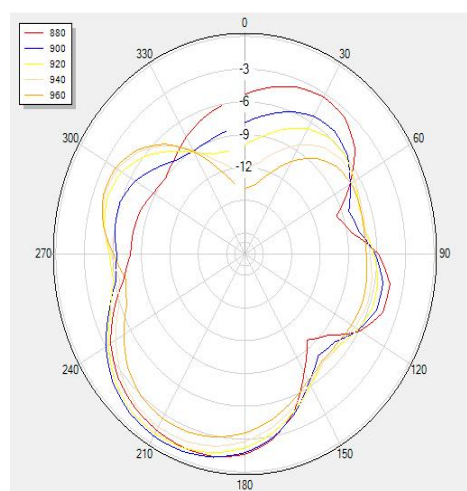
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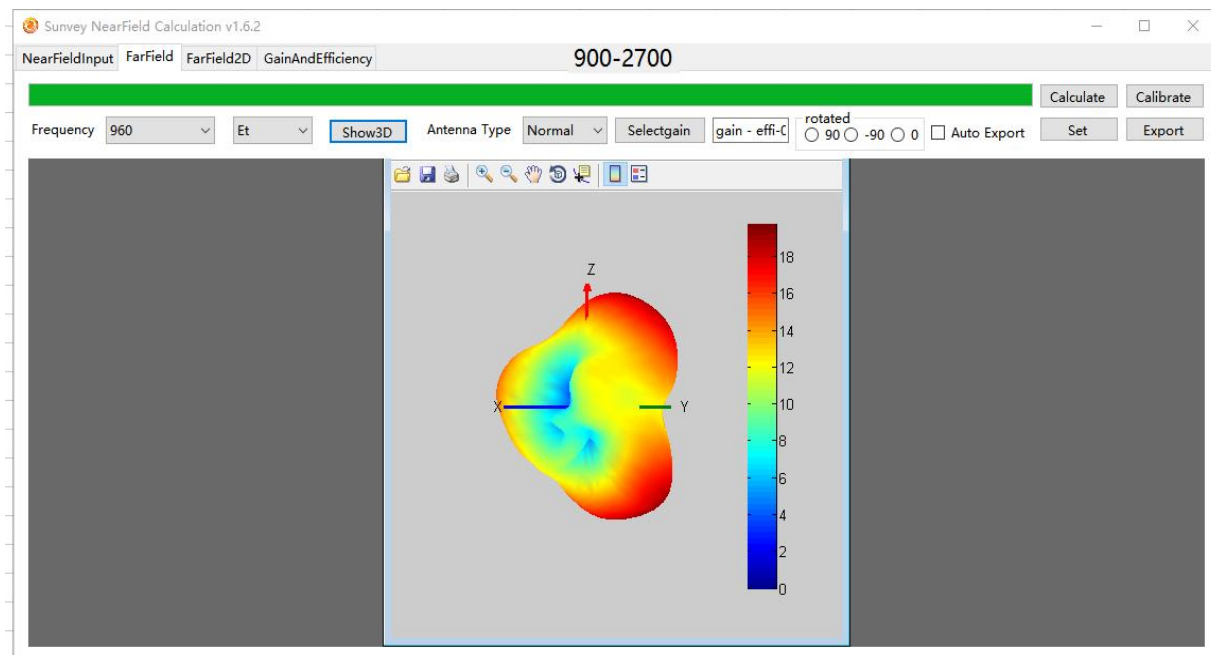


H Theta=90 freq=880MHz

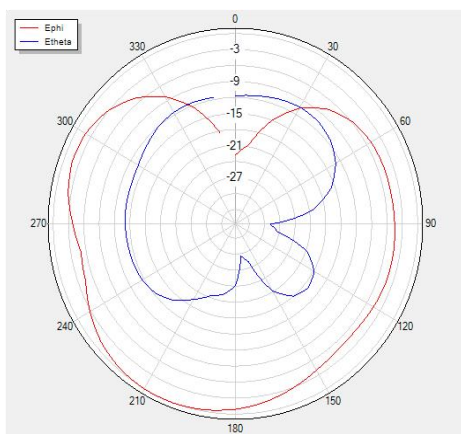


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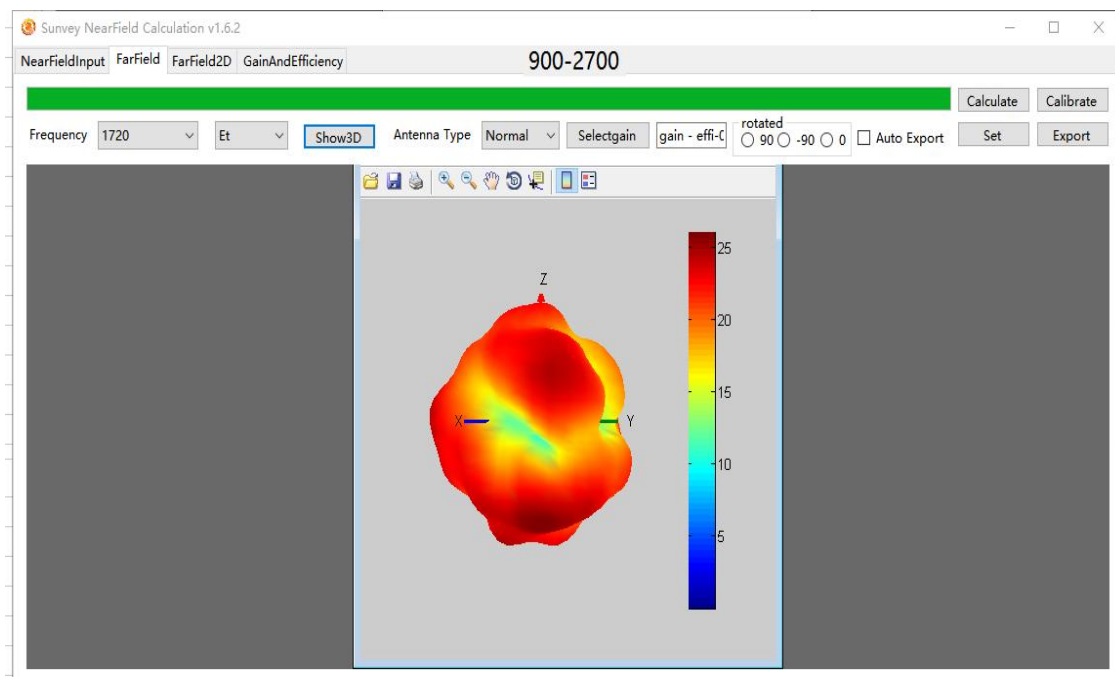
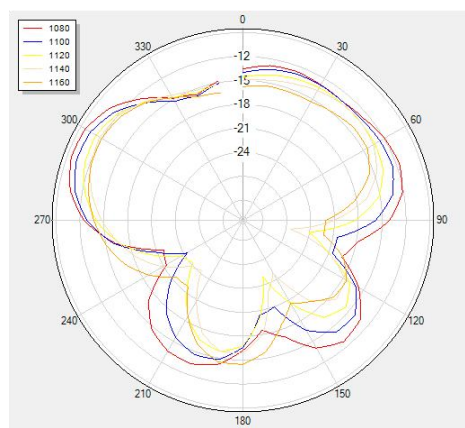




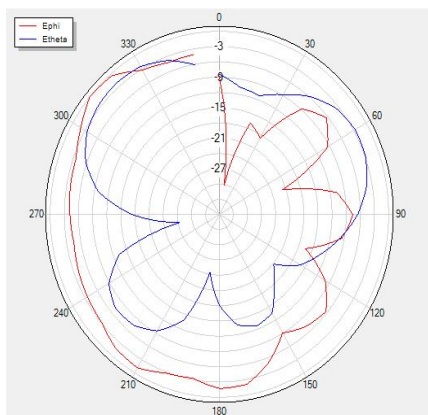
H Theta=90 freq=960MHz



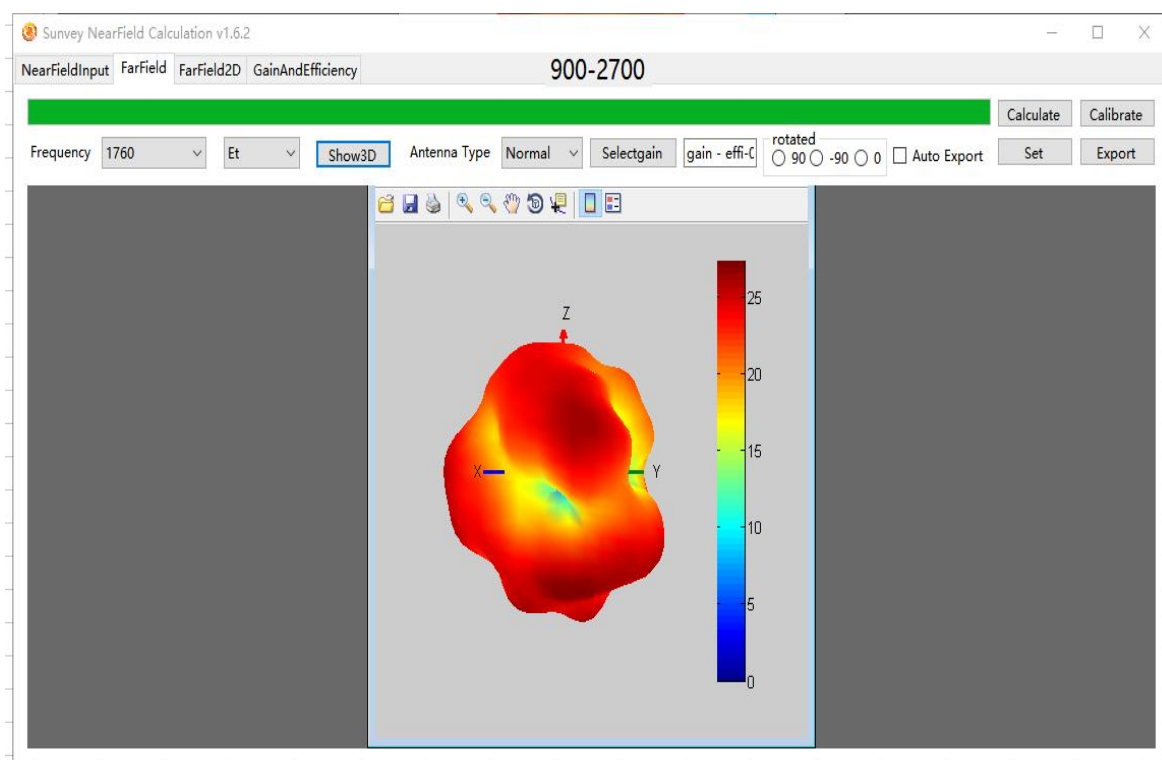
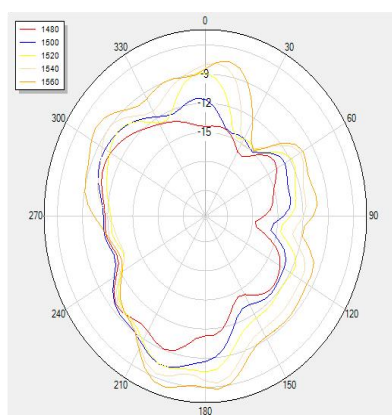
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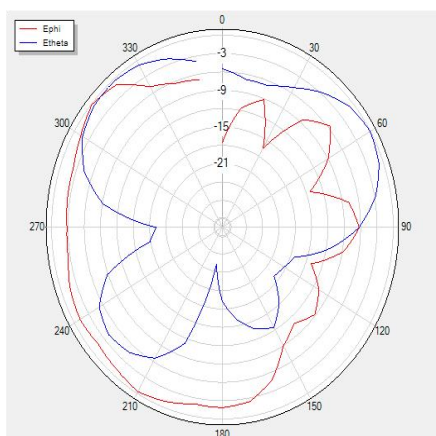
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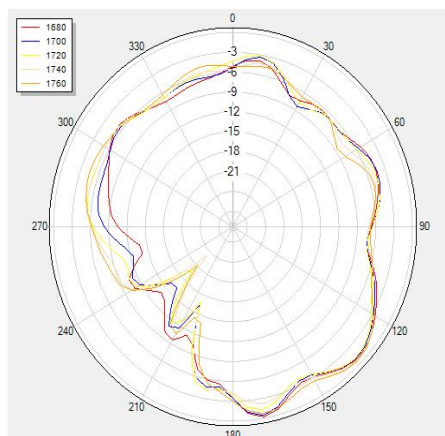
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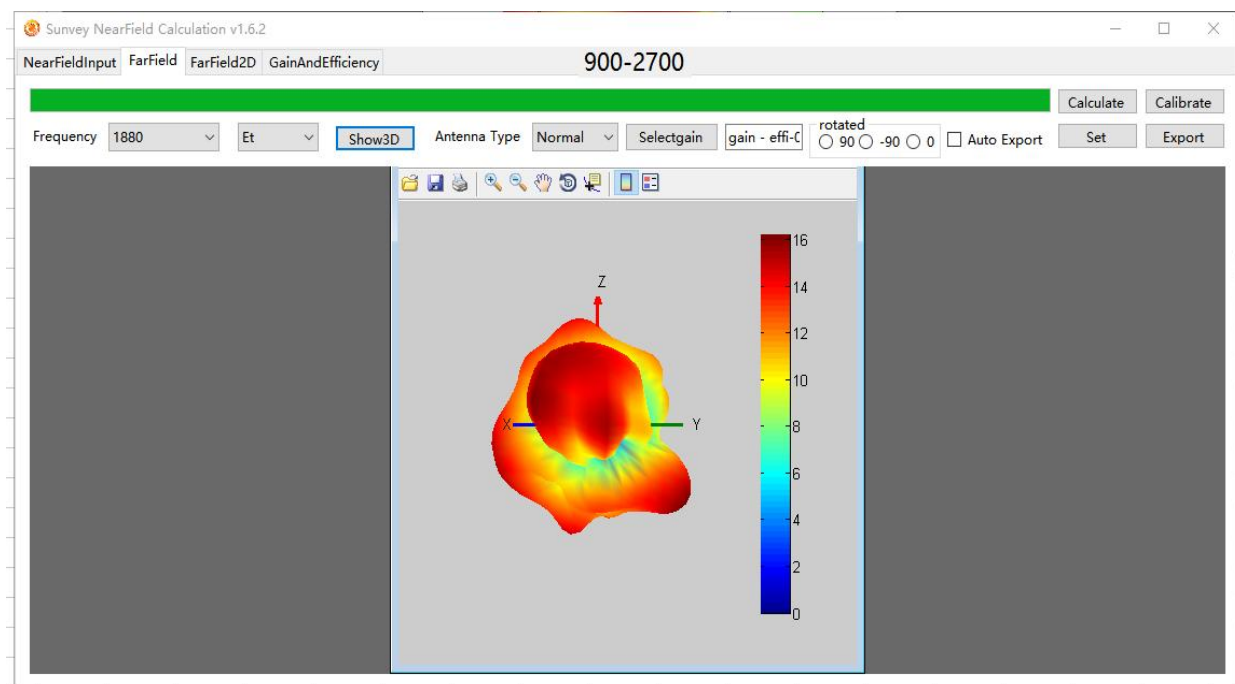


H Theta=90 freq=1760MHz

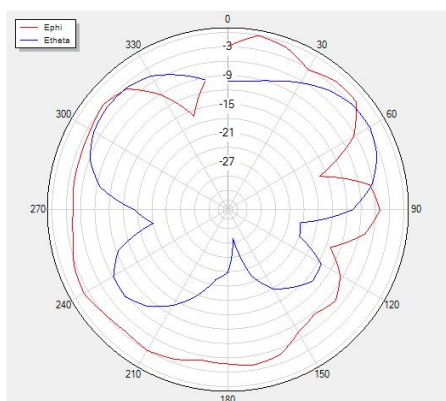


V Phi=90

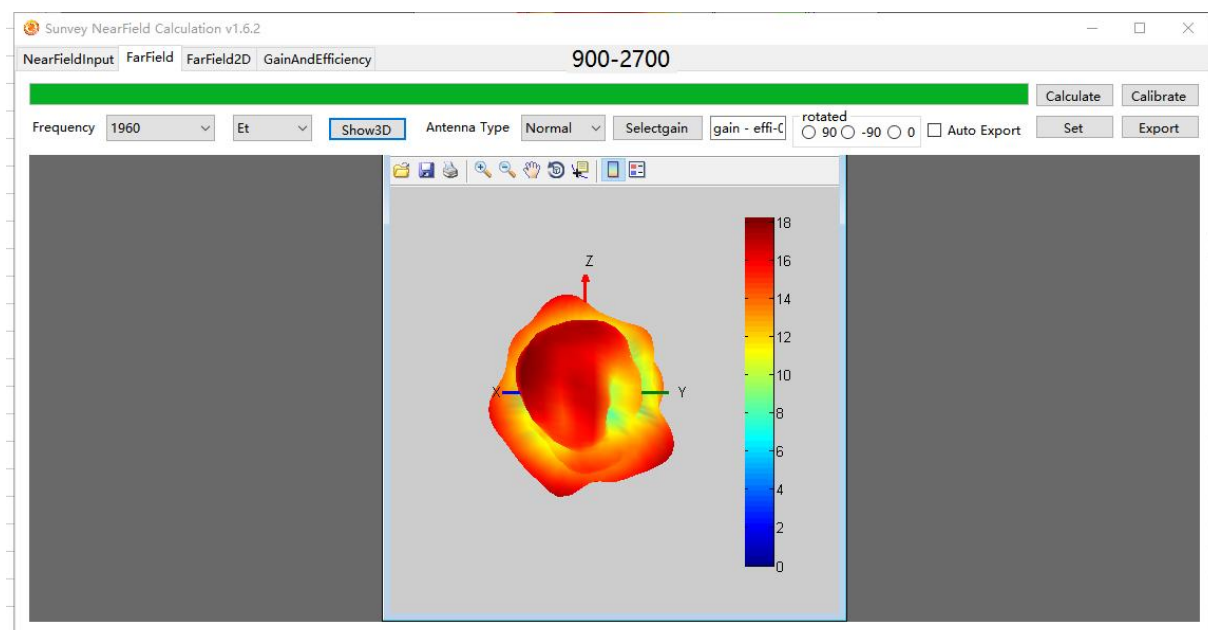
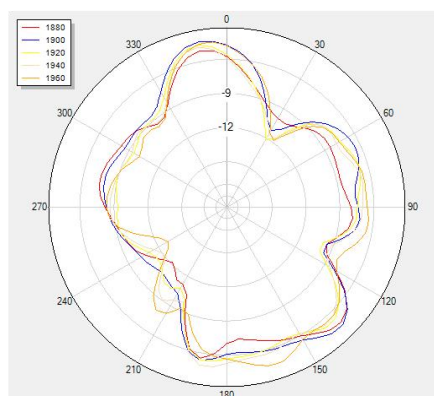




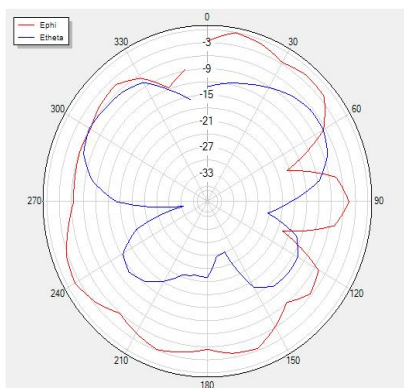
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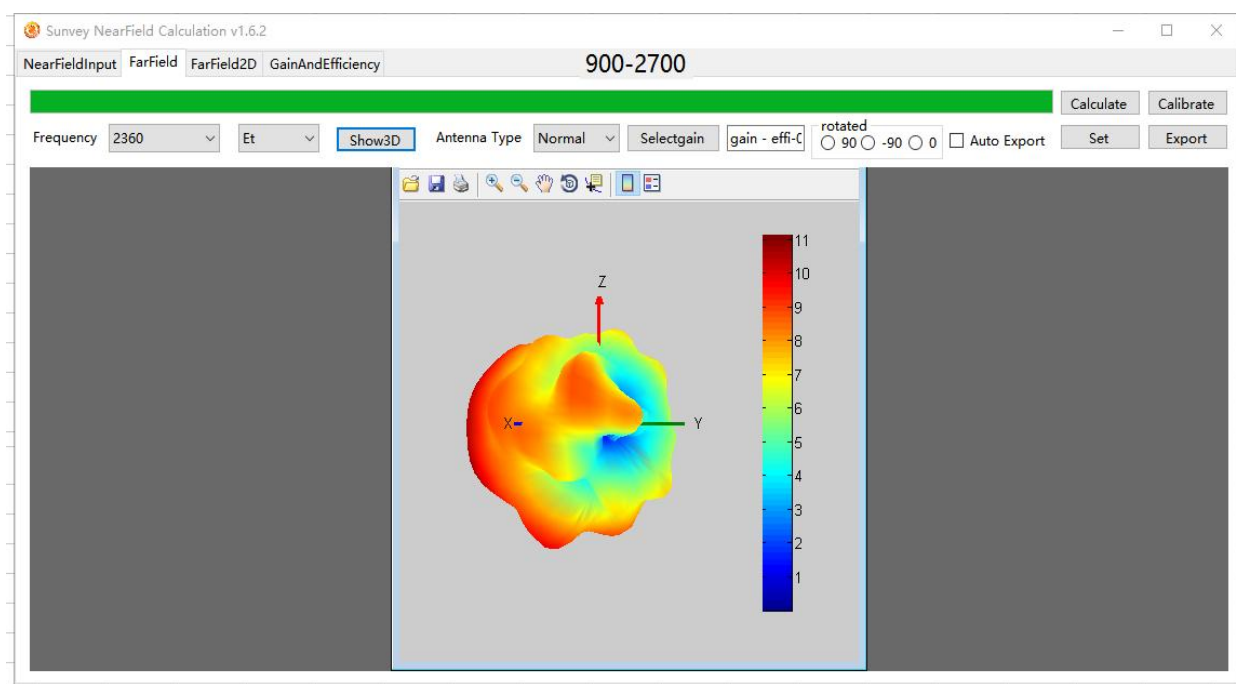
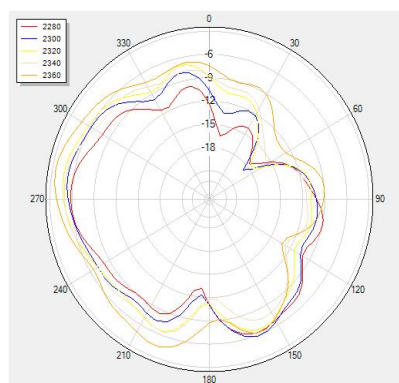
V Phi=90



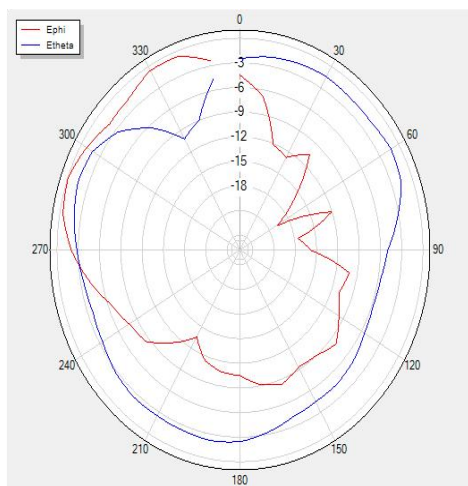
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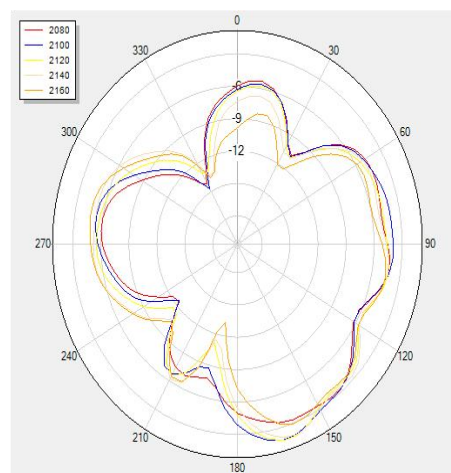
V Phi=90

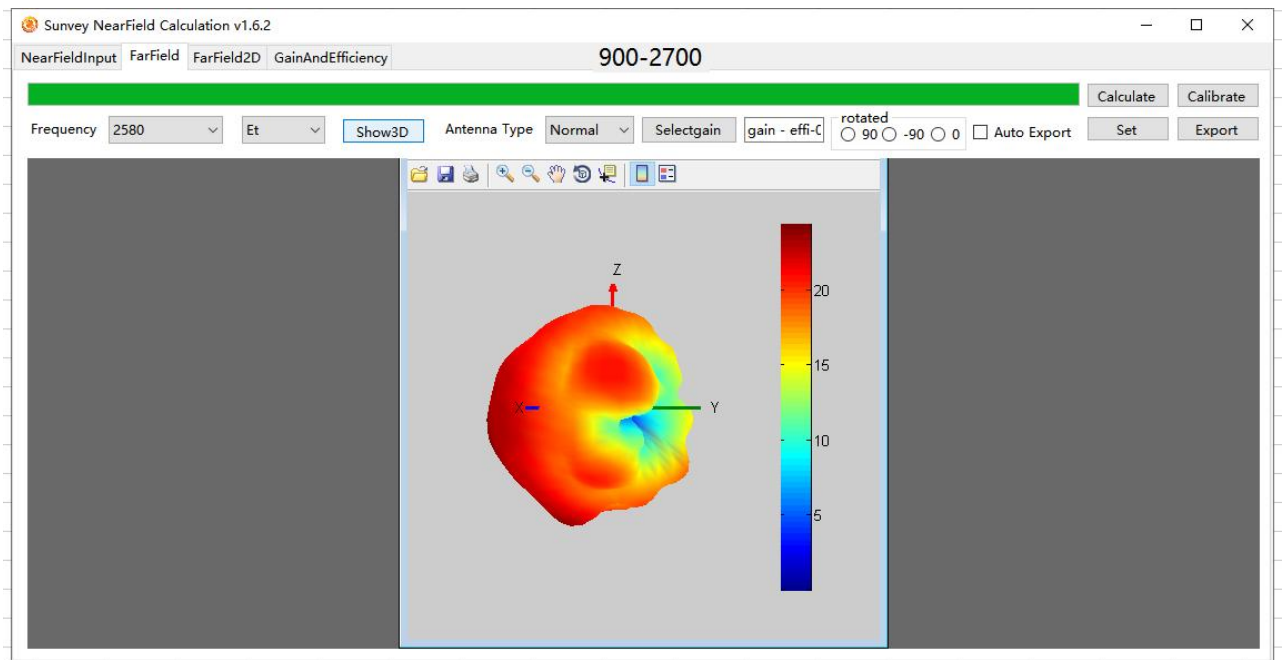


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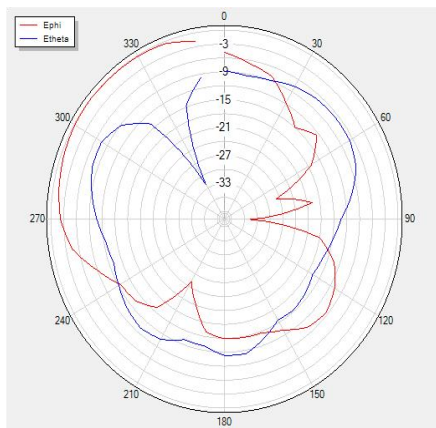


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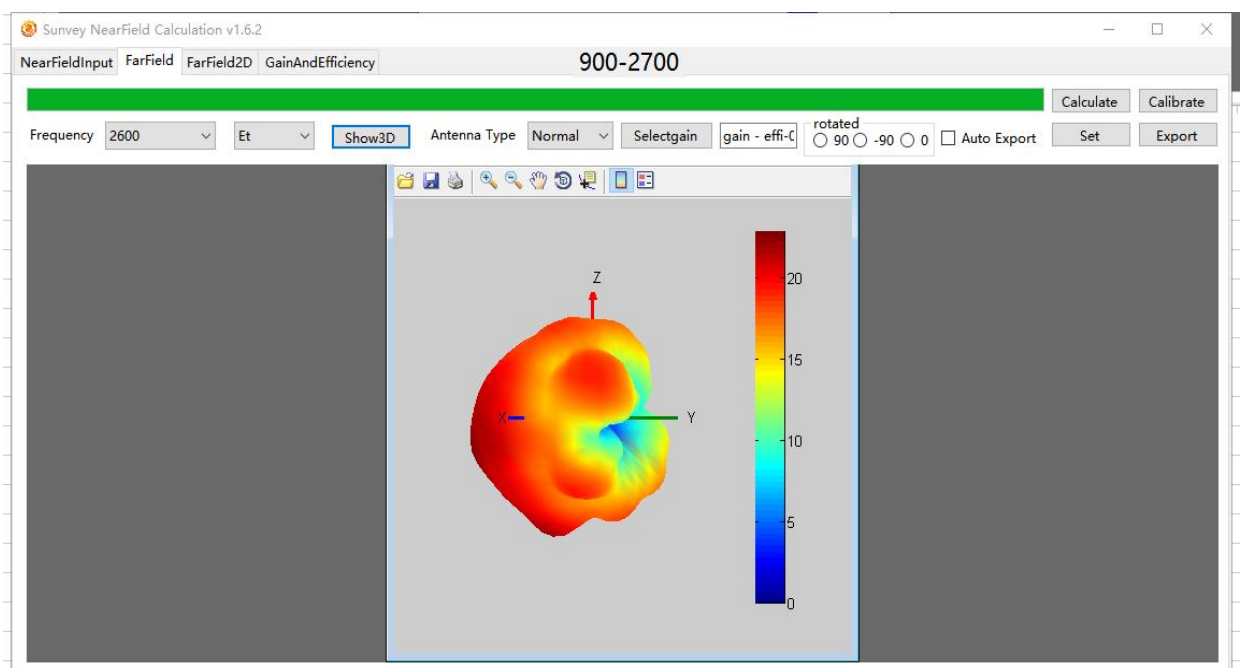
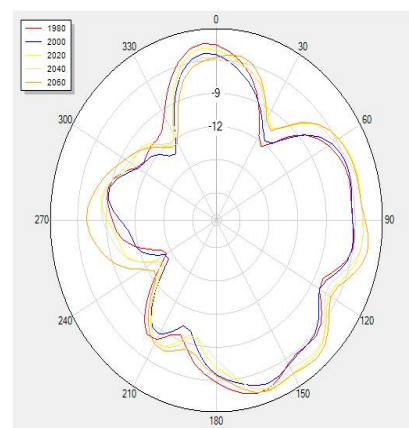




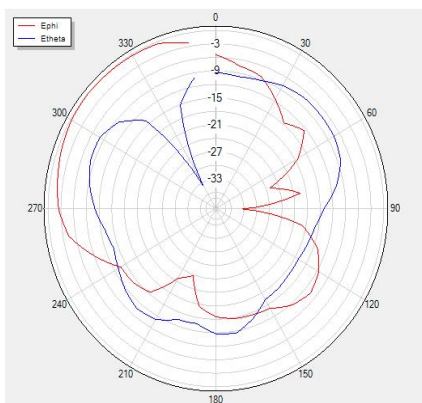
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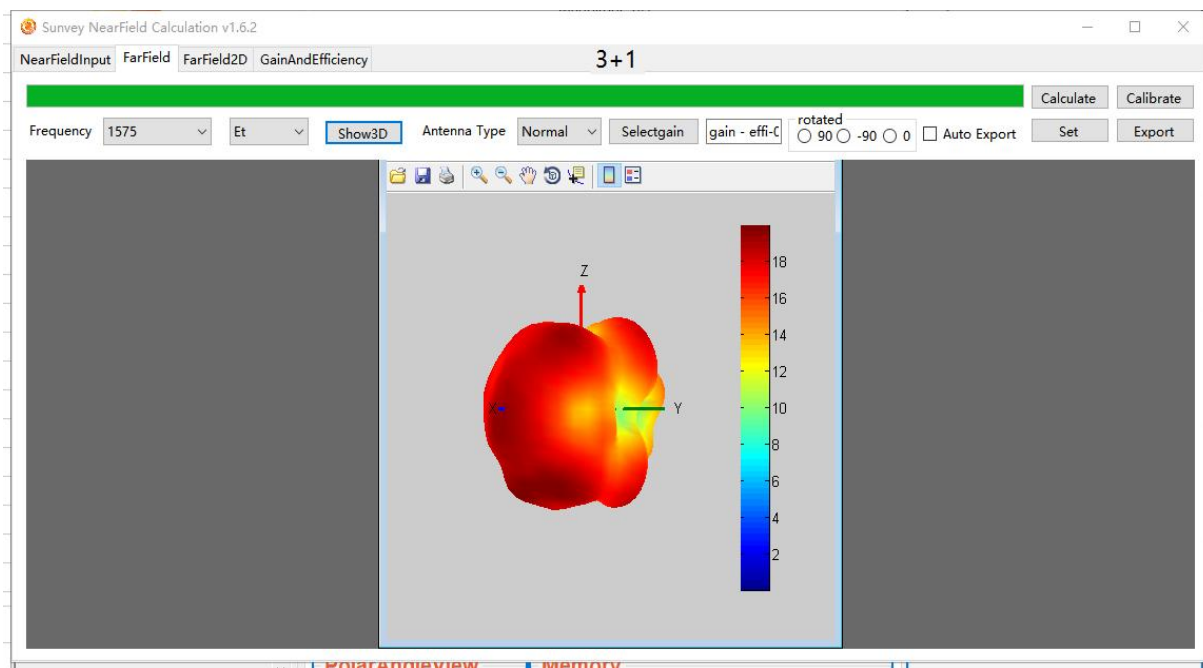
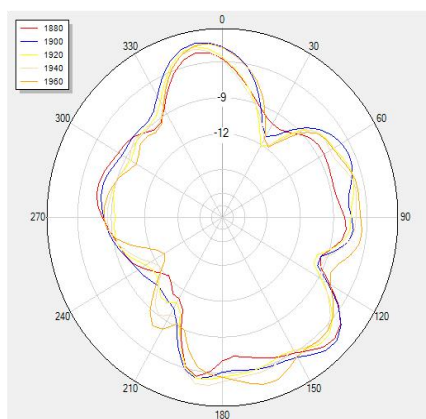
V Phi=90



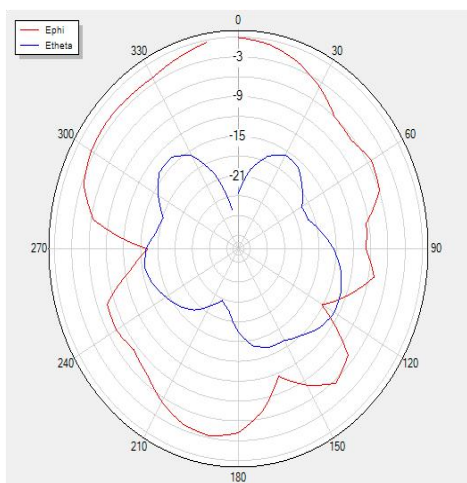
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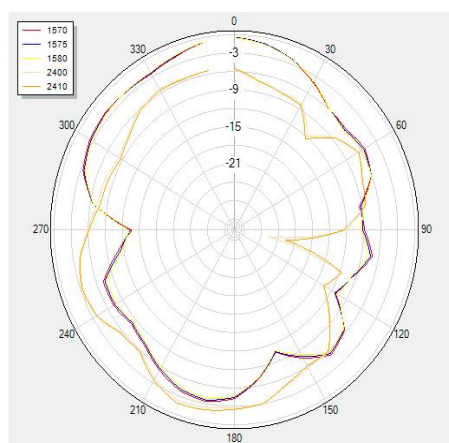
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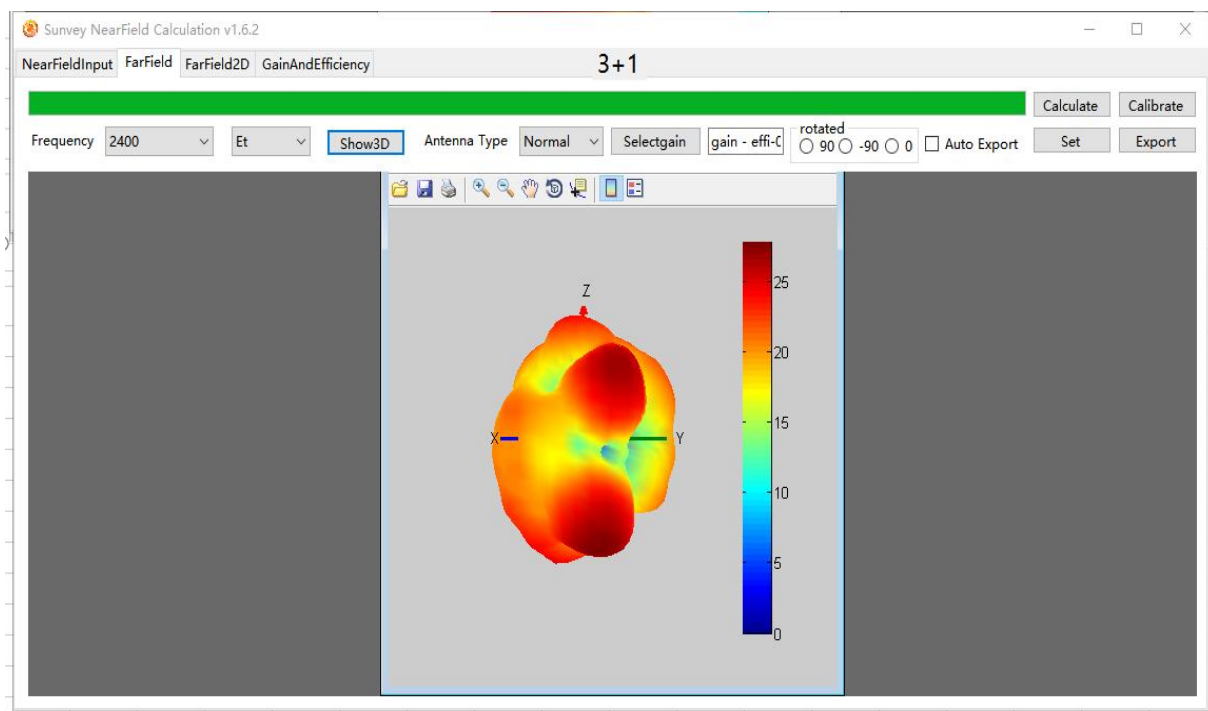


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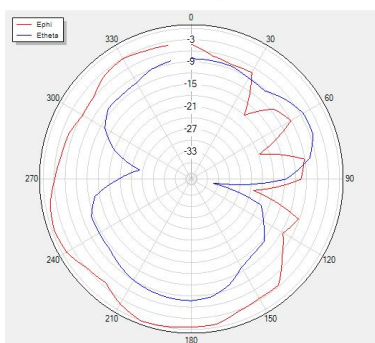


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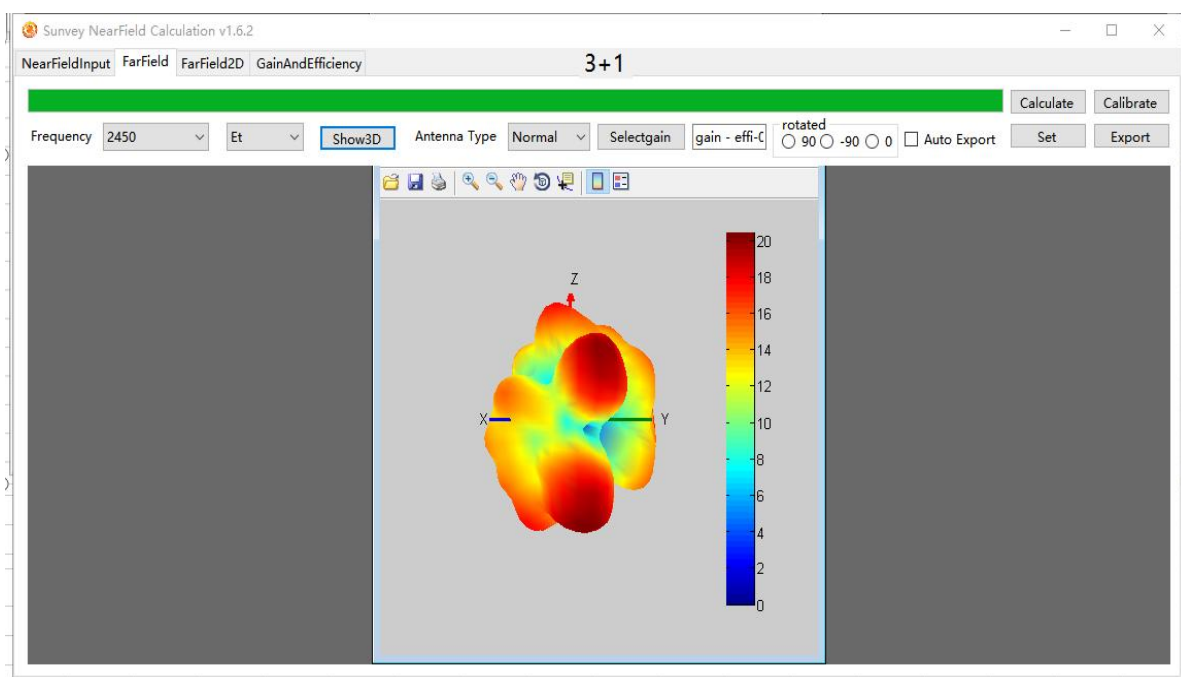
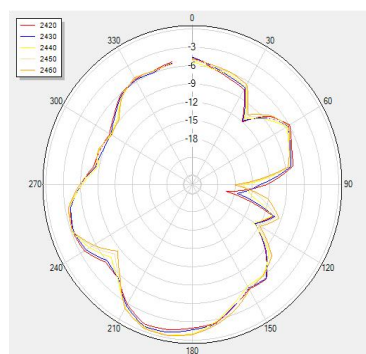




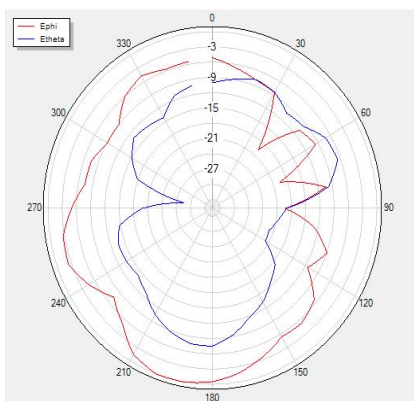
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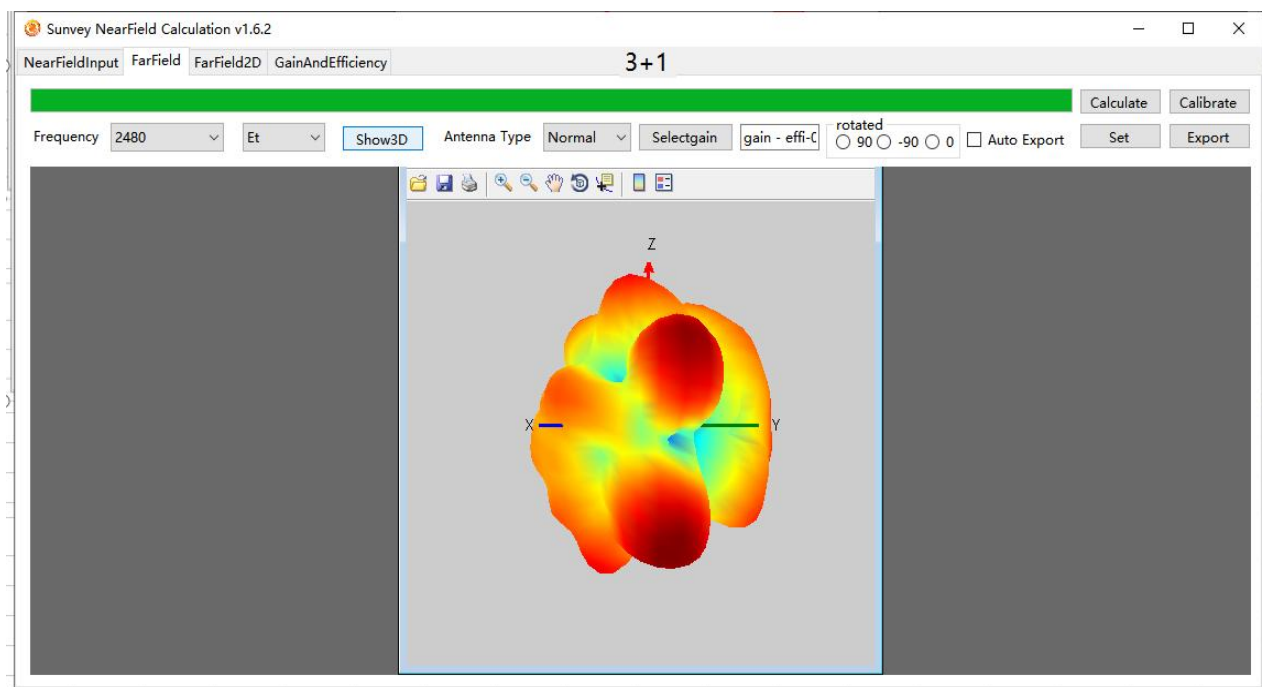
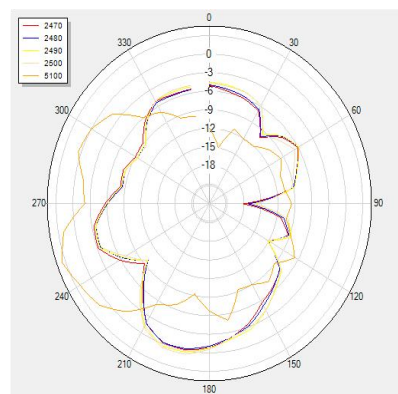
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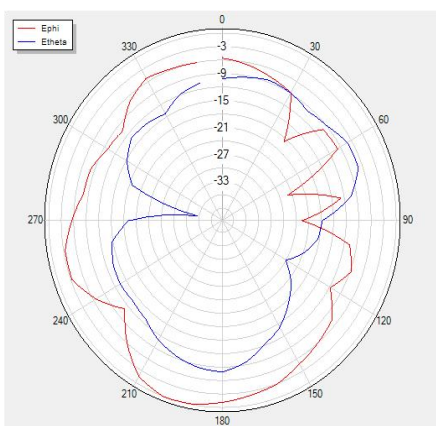
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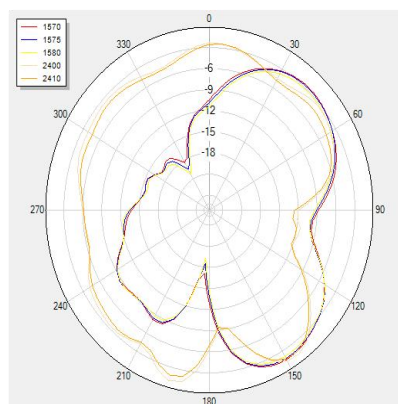
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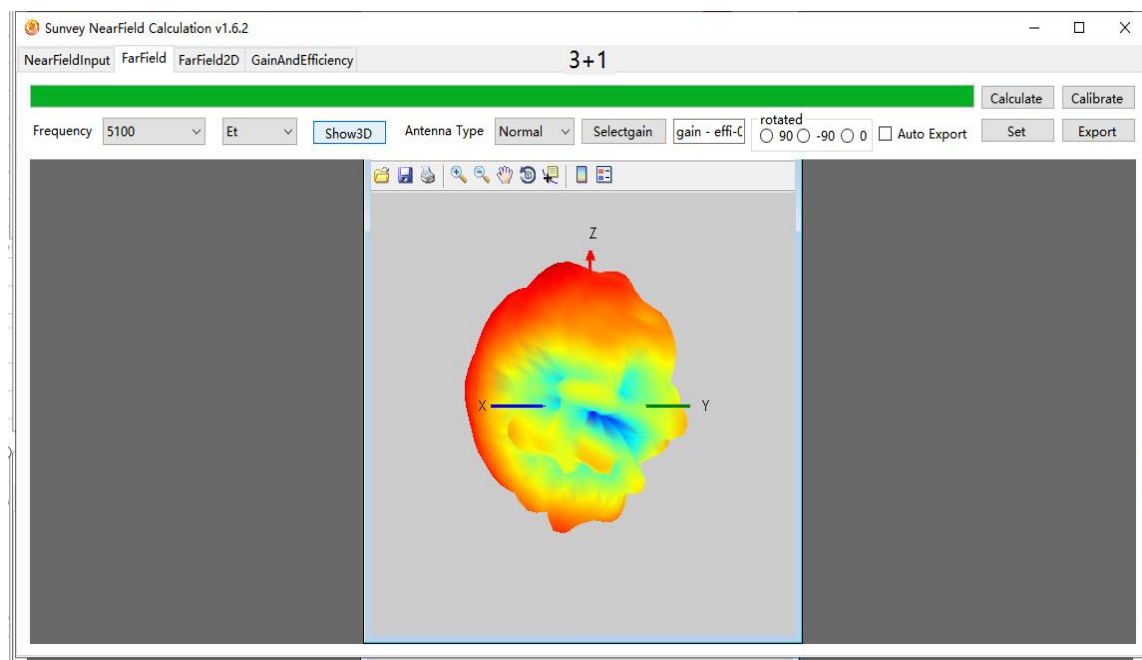


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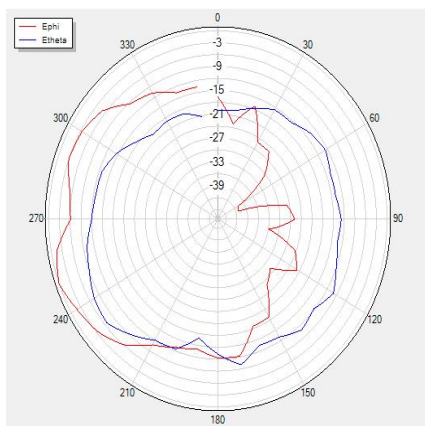


V Phi=90

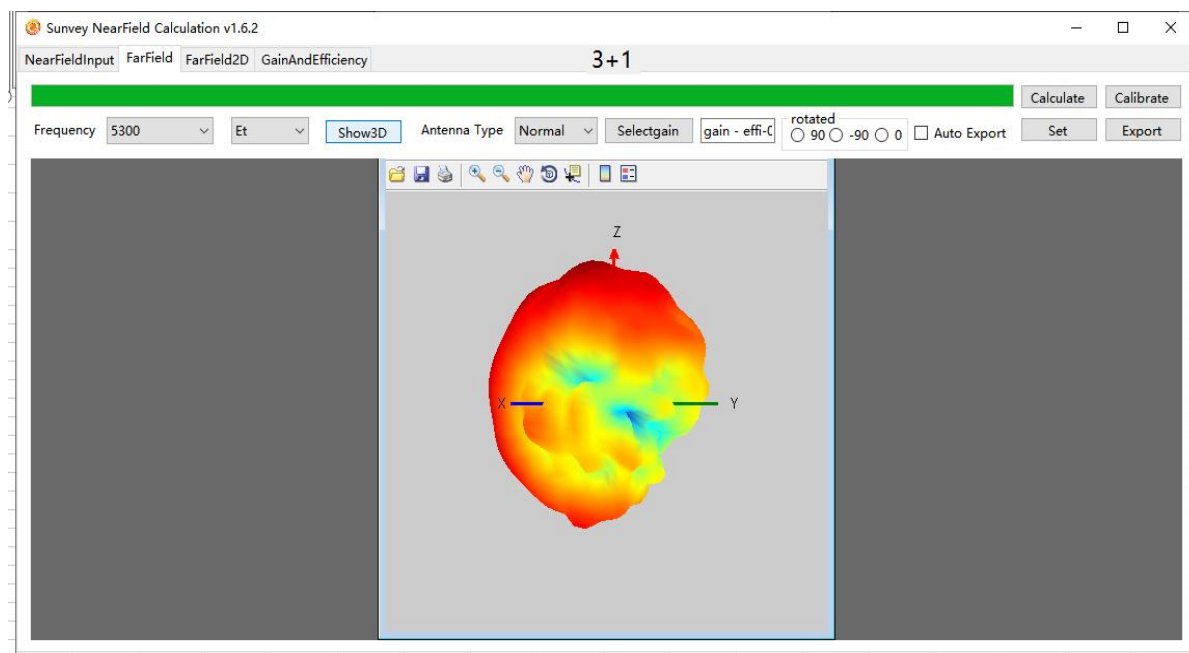
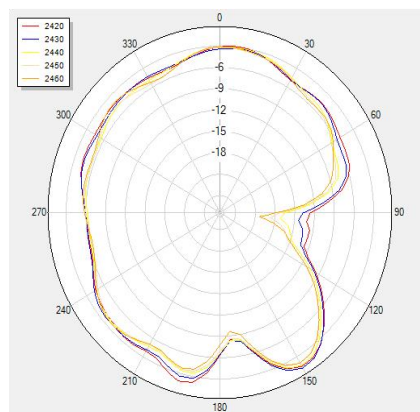




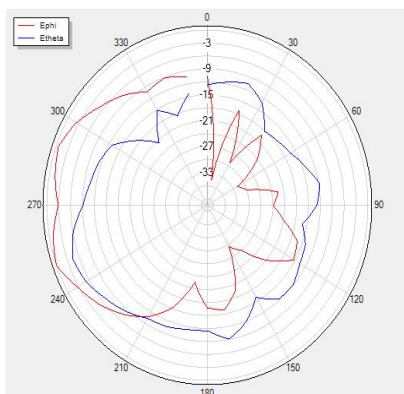
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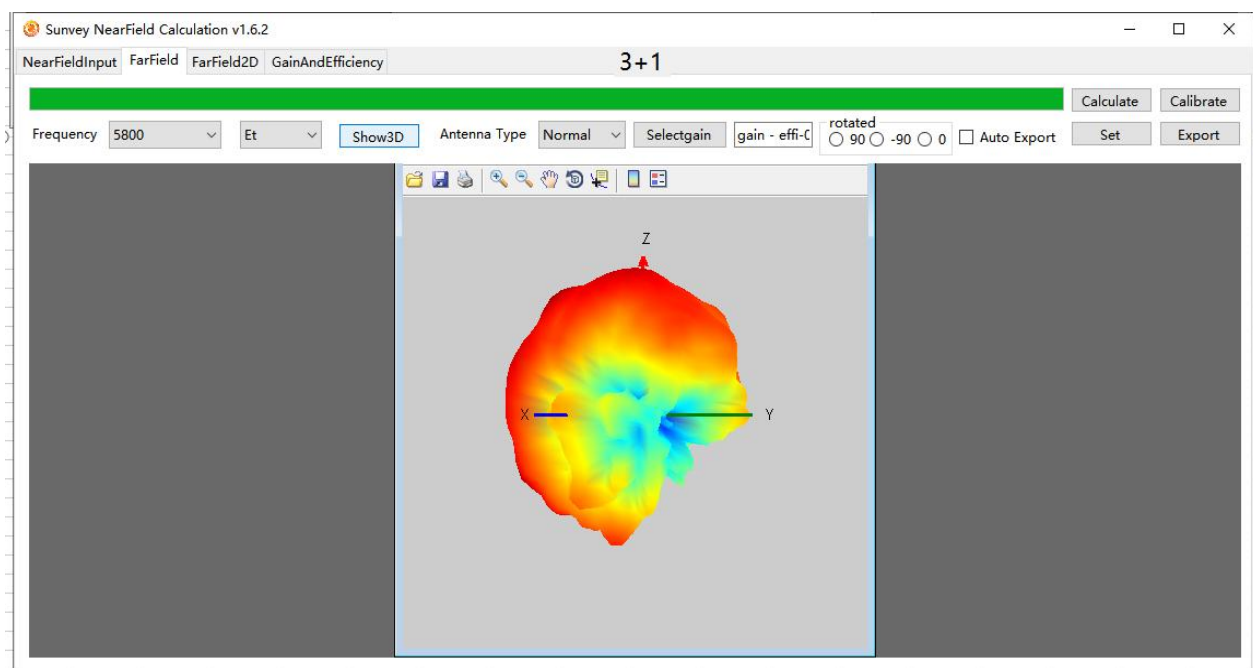
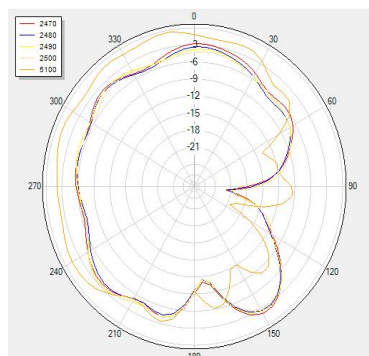
V Phi=90



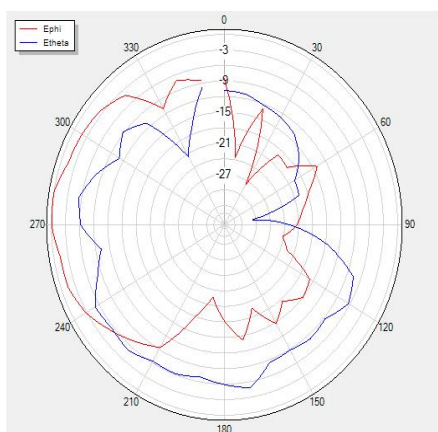
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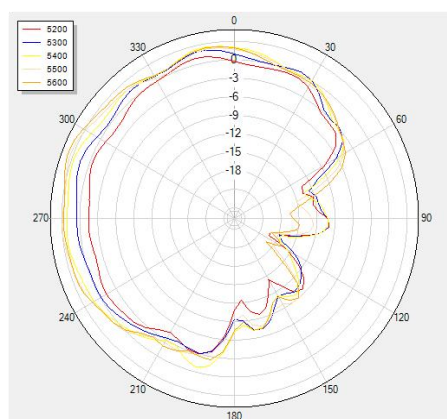
V Phi=90



H Theta=90 freq=5800MHz



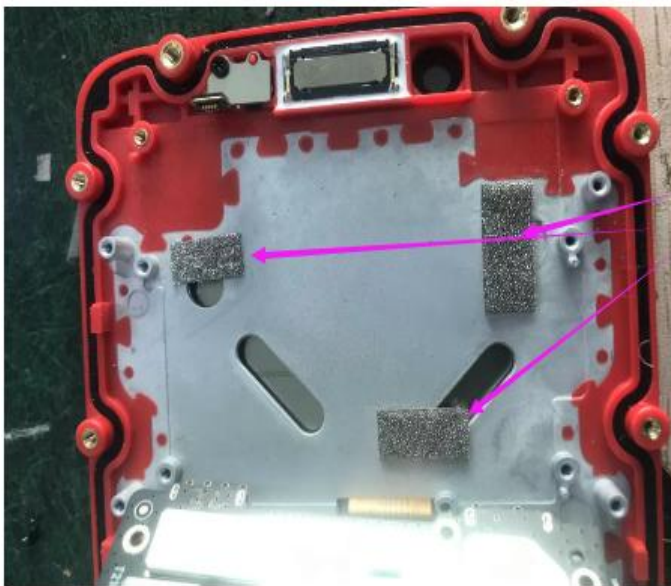
V Phi=90



环境处理方式(Environmental treatment)



小板背面用
导电海棉与
前壳接地。



前壳三处用导电海
棉与主板屏蔽罩接
地。



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

