

ANWEI commnuication Equipment Co.,Ltd

APPROVAL SHEET

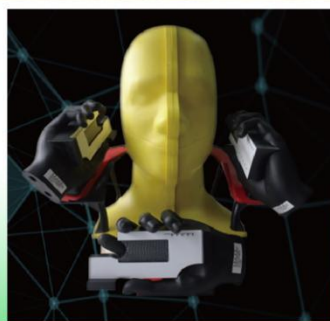
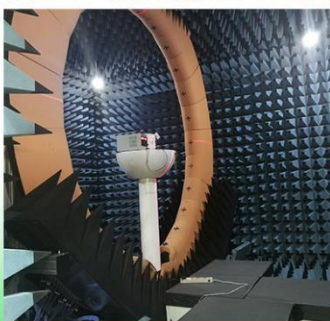
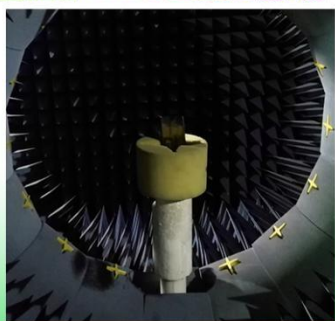
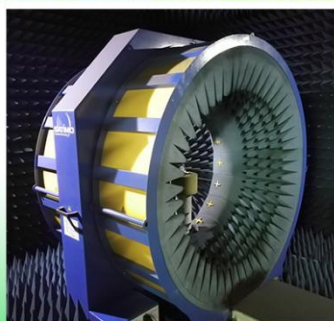
Customer	Youmi	Specs	Active Tab T1
Part Number	AW006-Active TAB T1-021-A0 AW006-Active TAB T1-022-A0 AW006-Active TAB T1-023-A0 AW006-Active TAB T1-024-A0	Frequency Band	2G:GSM850/900/1800/1900 3G:WCDMA-B1/2/5/8 4G:LTE-B1/2/3/5/7/8/12/20/28A/28B/38/40/41
Color	Black	Edition	REV:A0
Salesperson	Mr.Xie	Design	ZHONG ZHI HUI
Structure	QIN YUN LIN	Confirm	
Date	2023/7/06	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

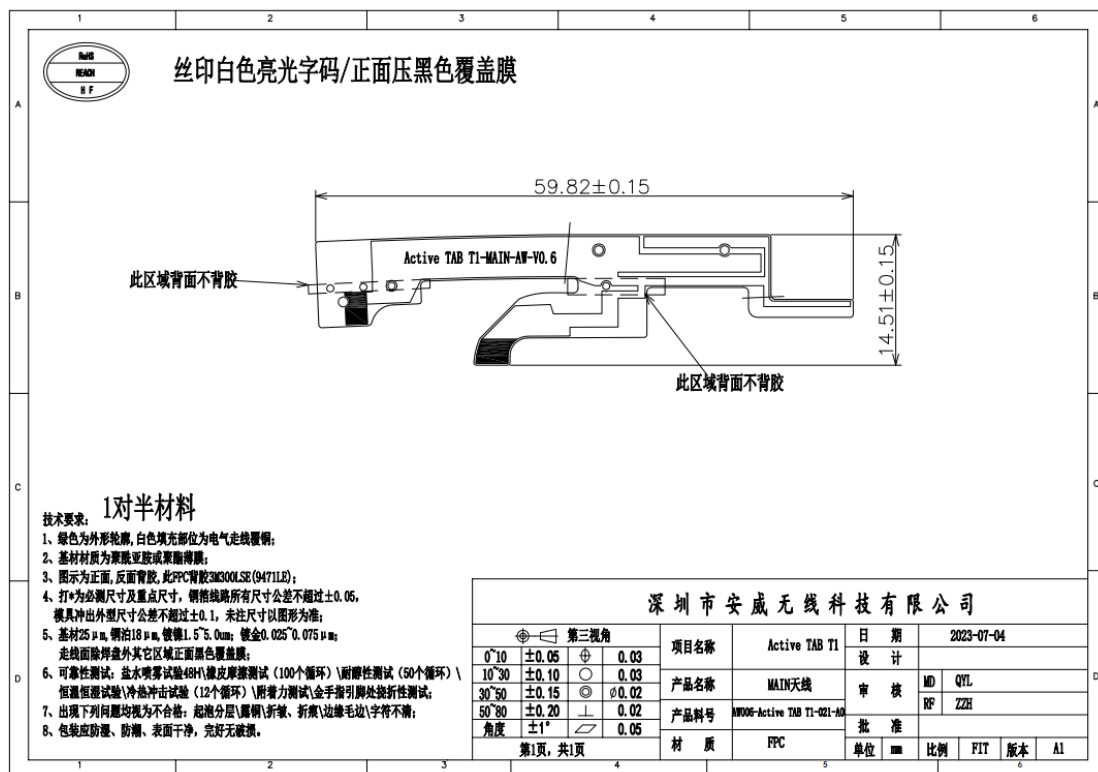
Project development environment



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

(MAIN ANT)



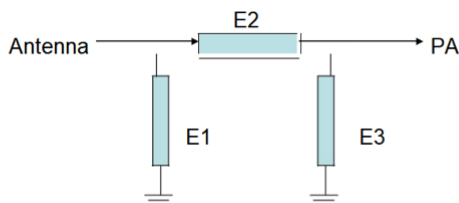
(Working frequency band): 700MHZ~960MHZ 1710~2690MHZ

2G:GSM850/900/1800/1900

3G:WCDMA-B1/2/5/8

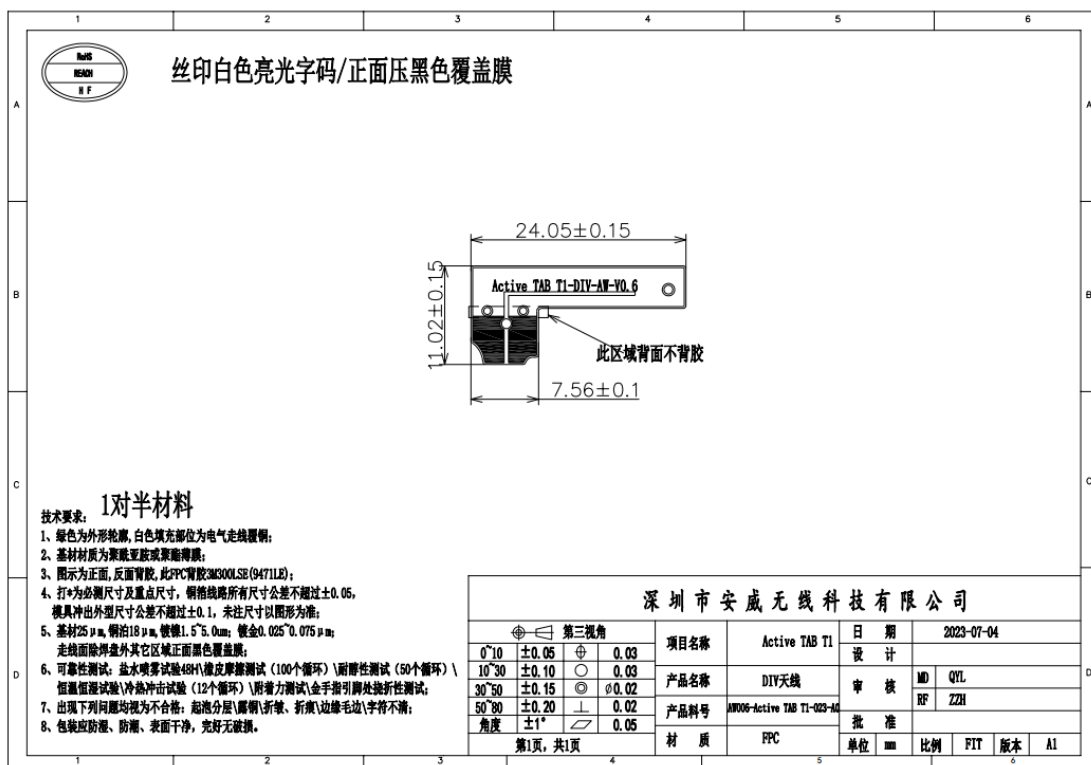
4G:LTE-B1/2/3/5/7/8/12/20/28A/28B/38/40/41

(Matcheing network):



Element	Value
E1	18NH
E2	2.2NH
E3	NC
E4	0 Ω

(DIV ANT)



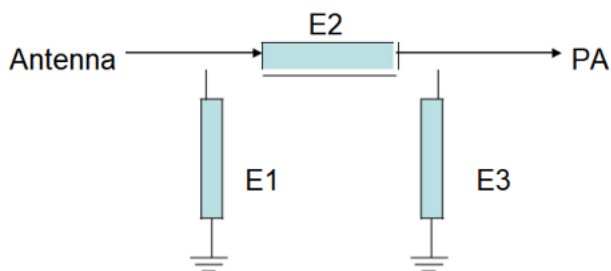
(Working frequency band):1710~2690MHZ

2G:GSM1800/1900

3G:WCDMA-B1/2

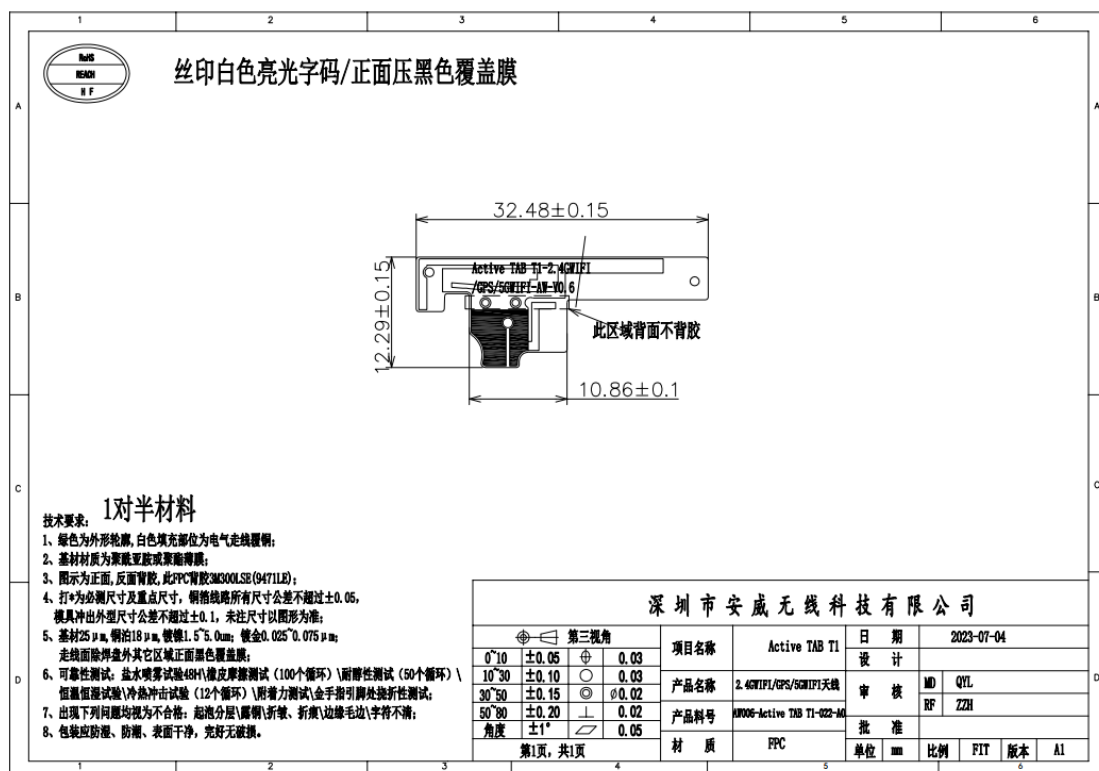
4G:LTE-B1/3/7/38/40/41

(Matcheing network)



Element	Value
E1	N/A
E2	0 Ω
E3	N/A

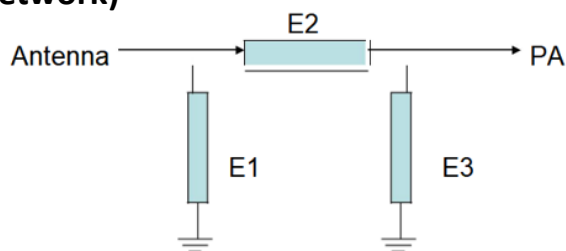
(GPS antenna) + (2.4G/5G WIFI/BT antenna)



(Working frequency band of GPS antenna) : 1575.42MHZ

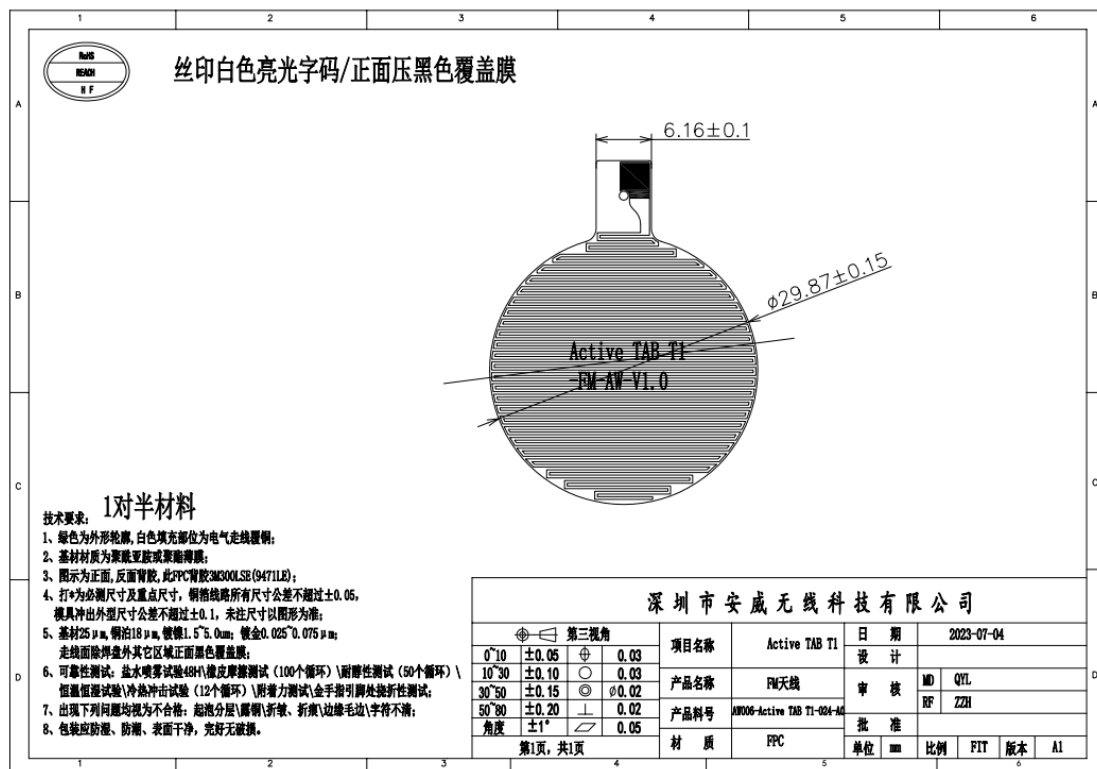
(Working frequency band of 5GWIFI antenna) : 2400~2500,5150MHZ~5850MHZ

(Matcheing network)



Element	Value
E1	N/A
E2	0 Ω
E3	N/A

FM ANT



(Working frequency band):87~108MHZ

ANWEI ANT TRP&TIS parameter Summary of Active Tab T1

BAND	Channel	TRP (dBm)	TIS (dBm)
FDD B1	L	14.97	
	M	14.79	
	H	15.42	-91.98
FDD B3	L	16.14	
	M	15.89	
	H	15.25	-89.56
FDD B5	L	17.51	
	M	18.06	
	H	18.69	-92.27
FDD B7	L	16.69	
	M	16.56	
	H	16.58	-91.72
FDD B8	L	17.91	
	M	18.17	
	H	18.50	-91.61
FDD B20	L	17.09	
	M	17.92	
	H	18.52	-90.11
FDD B28A	L	16.65	
	M	16.69	
	H	17.71	-92.49
FDD B28B	L	17.12	
	M	17.74	
	H	17.91	-92.99
TDD B38	L	16.09	
	M	16.46	
	H	16.07	-90.21

TDD B40	L	17.90	
	M	17.85	
	H	17.46	-90.23
TDD B41	L	16.24	
	M	15.10	
	H	16.59	-89.92
WCDMA-B1	L	15.70	
	M	14.73	
	H	15.20	-104.21
WCDMA-B2	L	16.11	
	M	15.71	
	H	15.70	-104.70
WCDMA-B5	L	17.05	
	M	17.53	
	H	18.38	-105.23

WCDMA-B8	L	17.90	
	M	18.28	
	H	18.80	-104.28

	Channel	TRP (dBm)	TIS (dBm)
GSM850	L	26.34	
	M	27.06	
	H	27.78	-104.69
GSM900	L	27.53	
	M	28.02	
	H	28.58	-103.05

DCS1800	L	23.08	
	M	22.26	
	H	22.00	-102.11
PCS1900	L	22.55	
	M	22.29	
	H	22.26	-102.68
2.4G WIFI B mode 11M	L	13.21	-81.84
	M	14.66	-82.63
	H	14.38	-82.01
5 G WIFI A mode 54M	L	12.69	-72.24
	M	11.06	-72.48
	H	11.85	-73.70

(GPS Test)

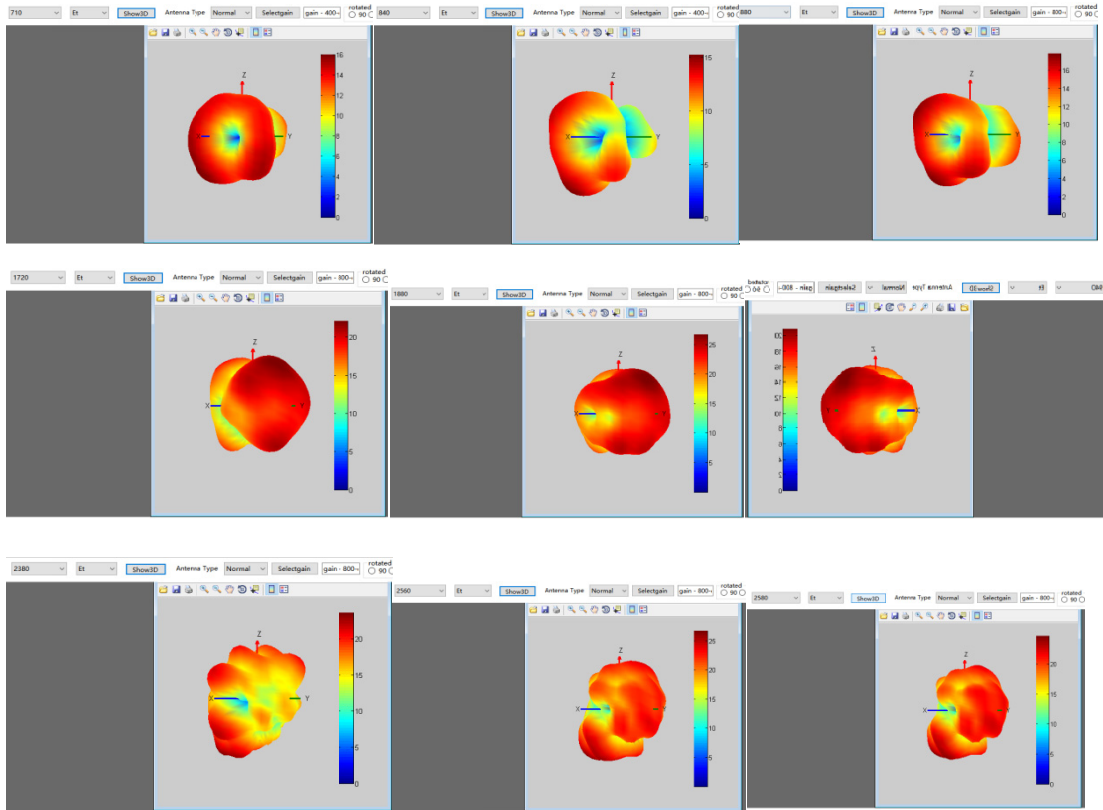


(Efficiency of GPS antenna): 34.08%

天线增益(Antenna gain)

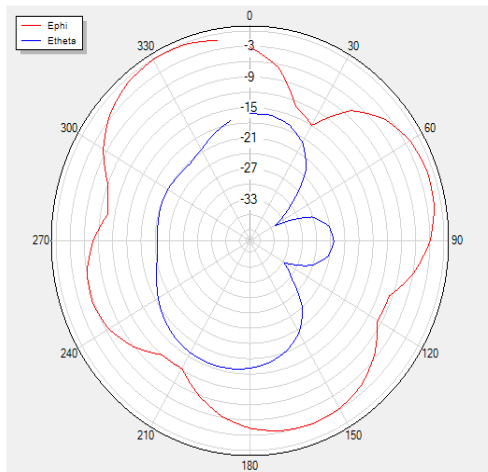
Standard	Band	Frequency	Gain(dbi)
TDD_LTE	TDD_B38	2580	0.37
TDD_LTE	TDD_B40	2380	1.40
TDD_LTE	TDD_B41	2580	0.37
FDD_LTE	FDD_B1	1940	-0.71
FDD_LTE	FDD_B2	1880	1.28
FDD_LTE	FDD_B3	1720	-0.47
FDD_LTE	FDD_B5	840	1.66
FDD_LTE	FDD_B7	2560	0.56
FDD_LTE	FDD_B8	880	1.14
FDD_LTE	FDD_B12	710	-0.69
FDD_LTE	FDD_B20	840	1.66
FDD_LTE	FDD_B28	710	-0.69
WCDMA	WCDMA_B1	1940	-0.71
WCDMA	WCDMA_B2	1880	1.28
WCDMA	WCDMA_B5	840	1.66
WCDMA	WCDMA_B8	880	1.14
GSM	GSM850	840	1.66
GSM	GSM900	880	1.14
GSM	DCS1800	1720	-0.47
GSM	PCS1900	1880	1.28
5GWIFI		5100	2.79
5GWIFI		5800	4.41
2.4GWIFI		2450	2.12
BT		2450	2.12
GPS		1575	2.63
FM		108	1.20

MIMO antenna apple map

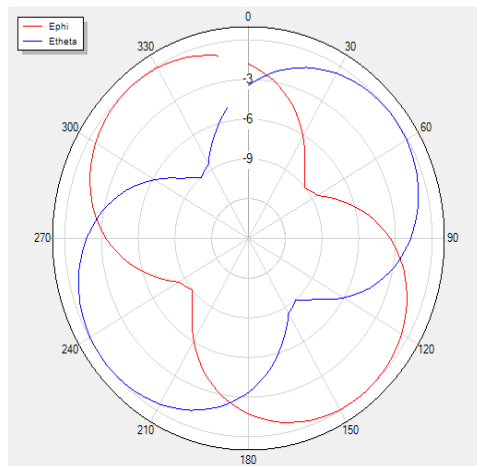


(MIMO antenna) PolarGraphs/EtotalGraphs

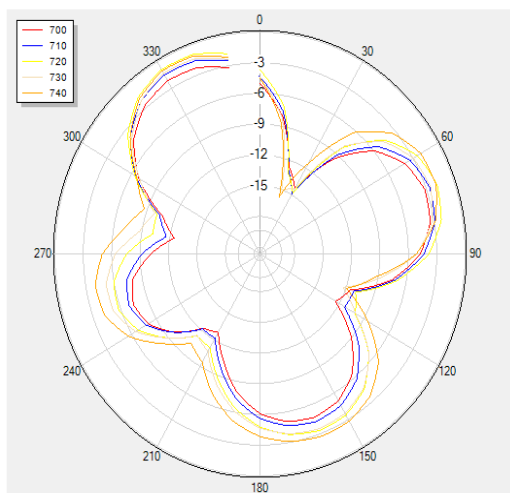
H Theta=90 freq=710MHz



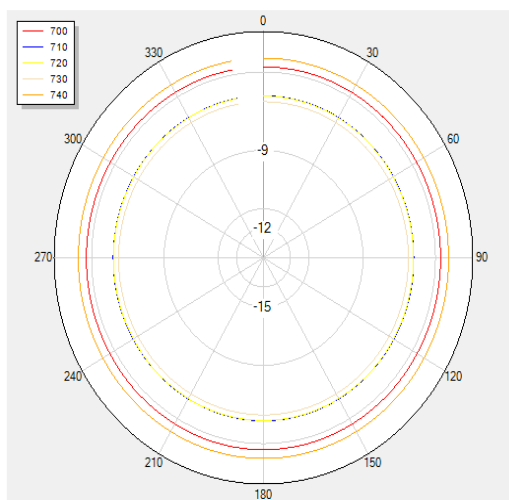
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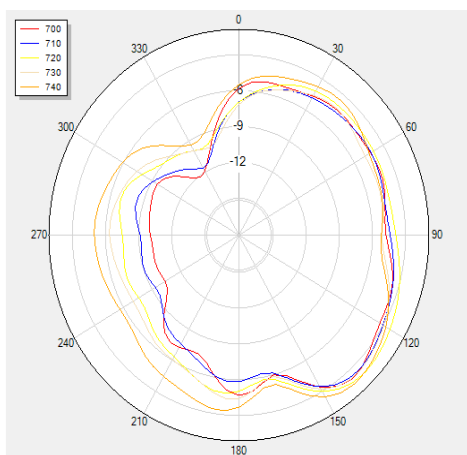
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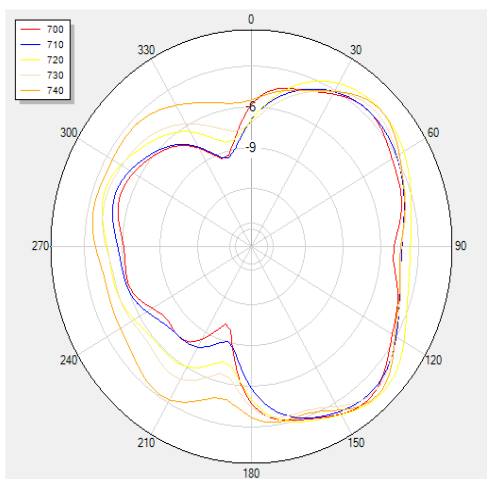
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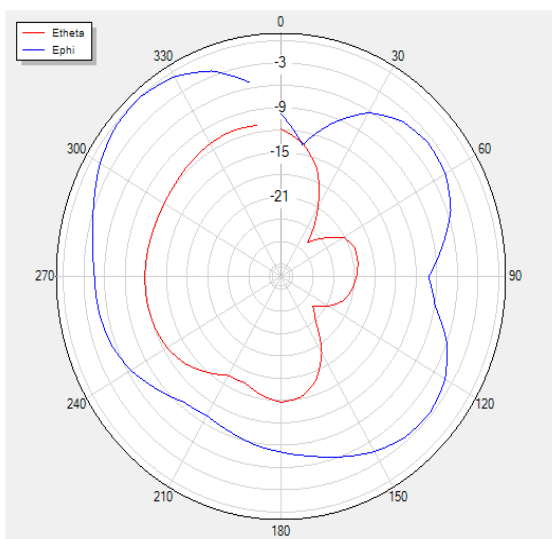
V Phi=90



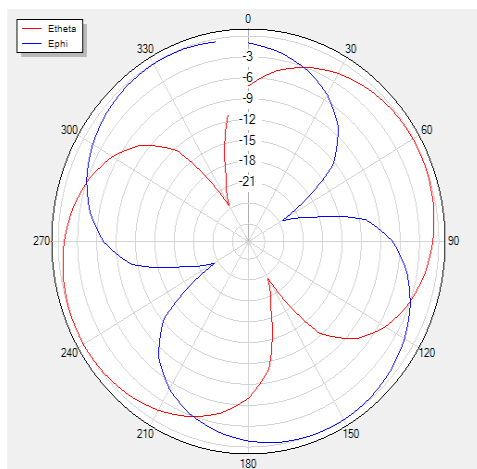
V Phi=0



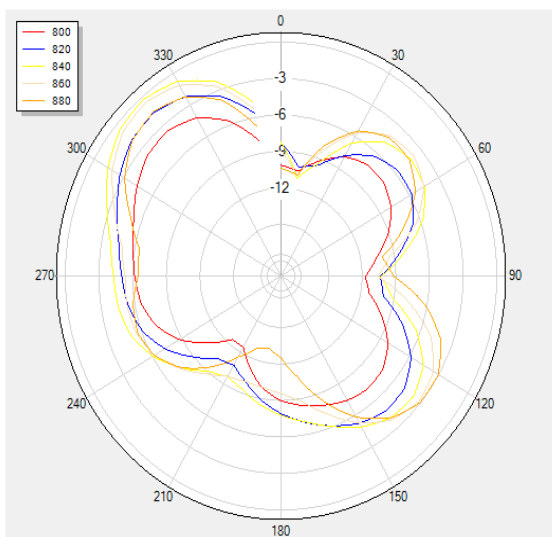
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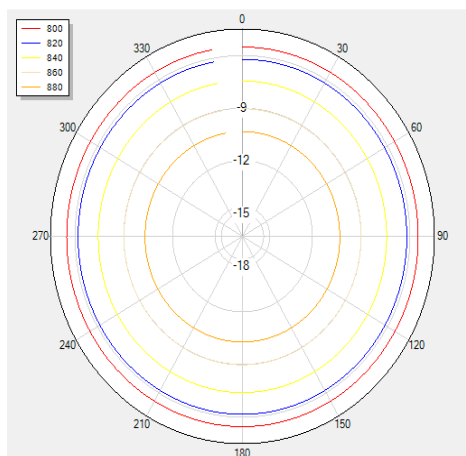
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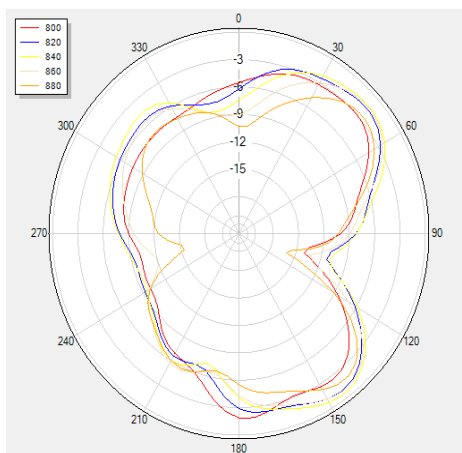
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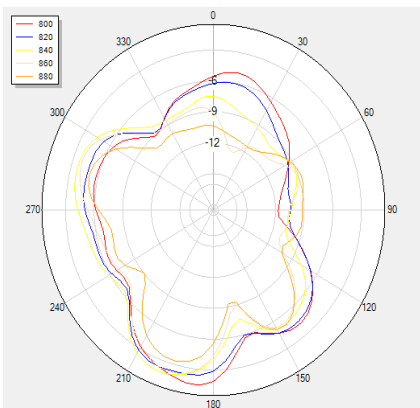
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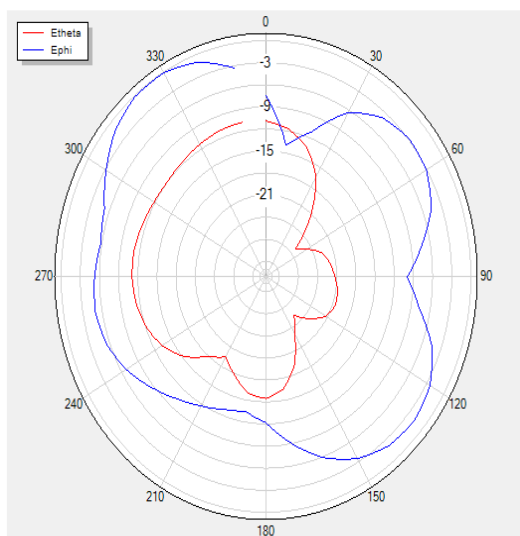
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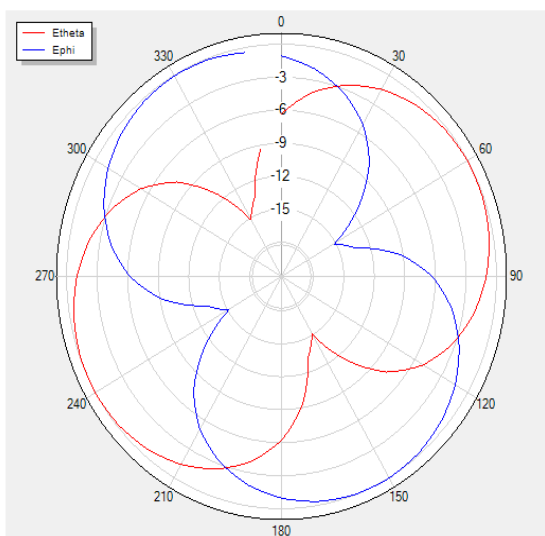
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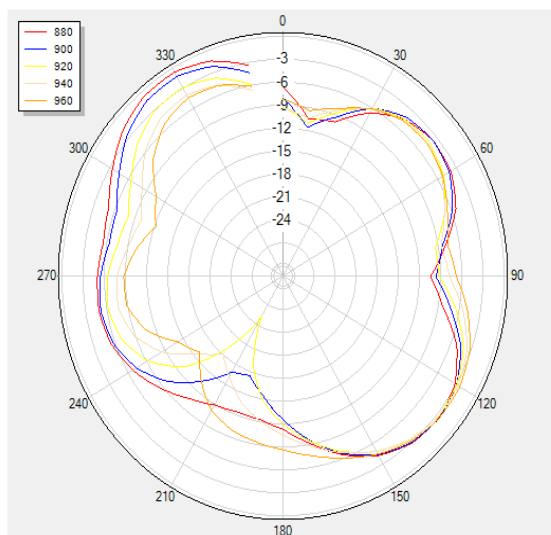
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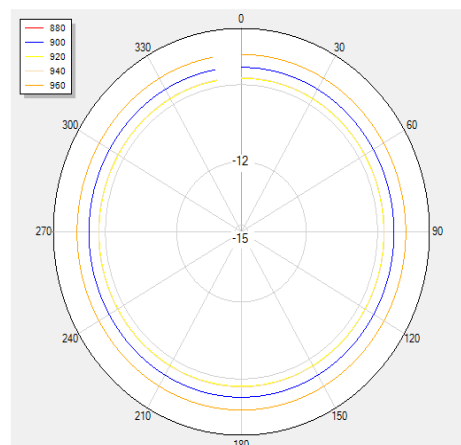
H Theta=0 freq=880MHz



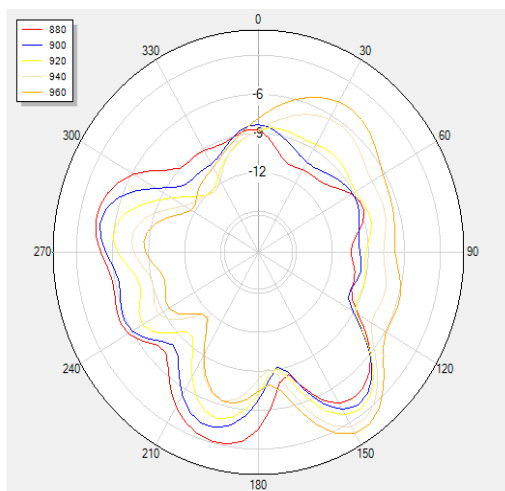
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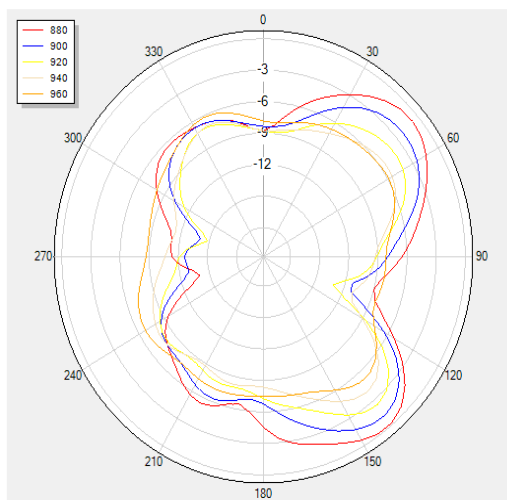
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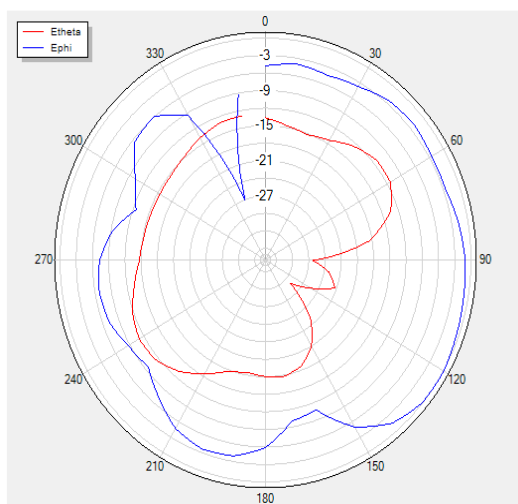
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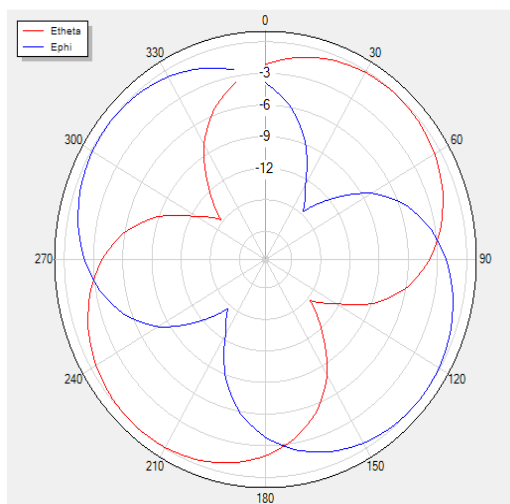
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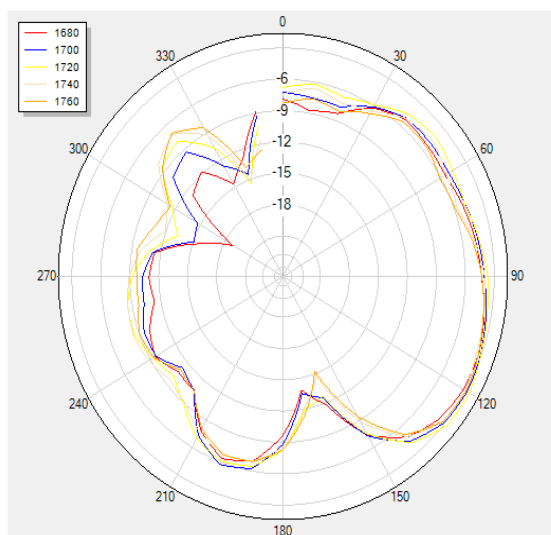
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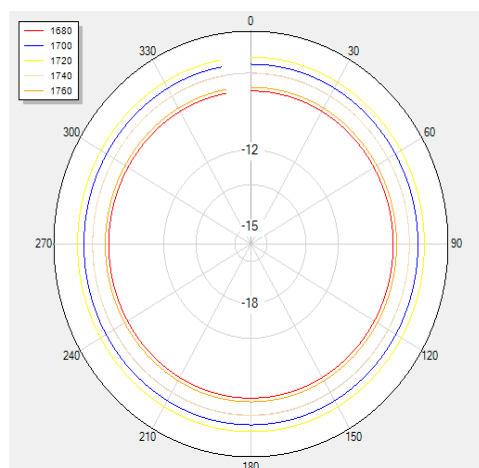
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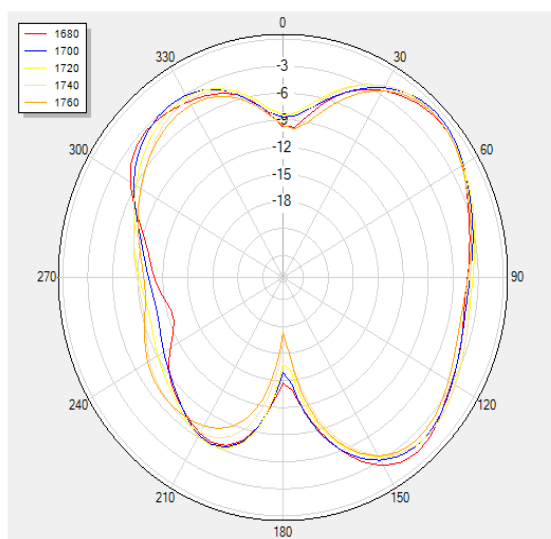
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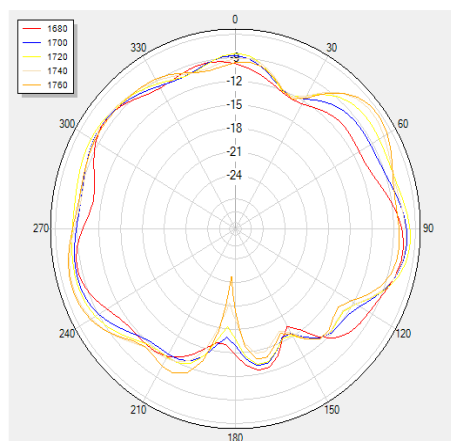
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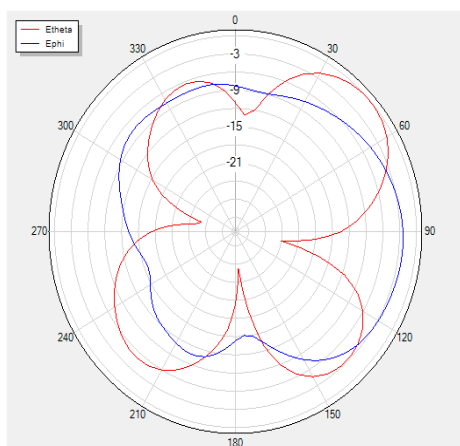
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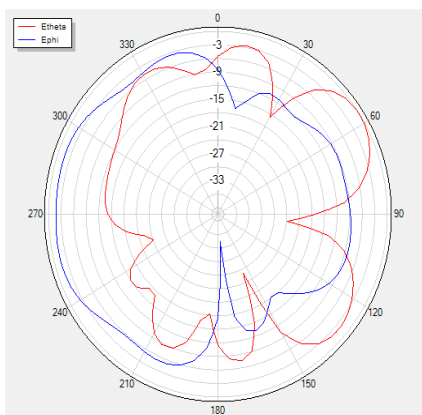
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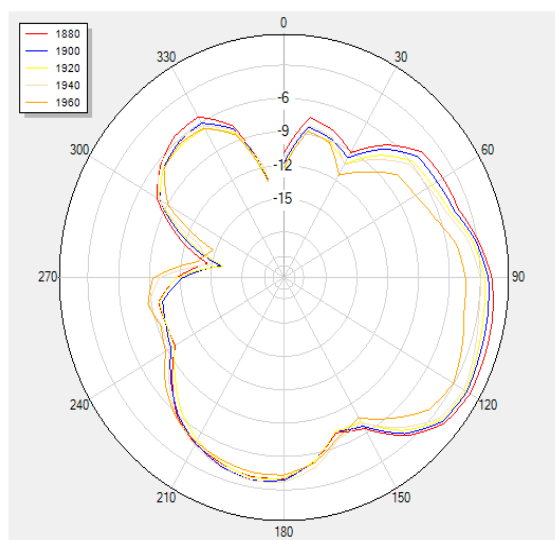
V Phi=90 freq=1880MHz



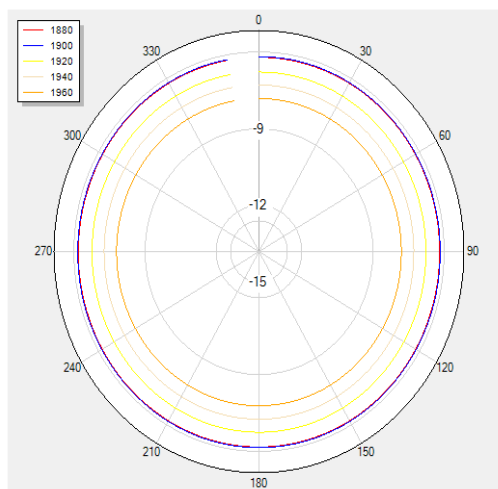
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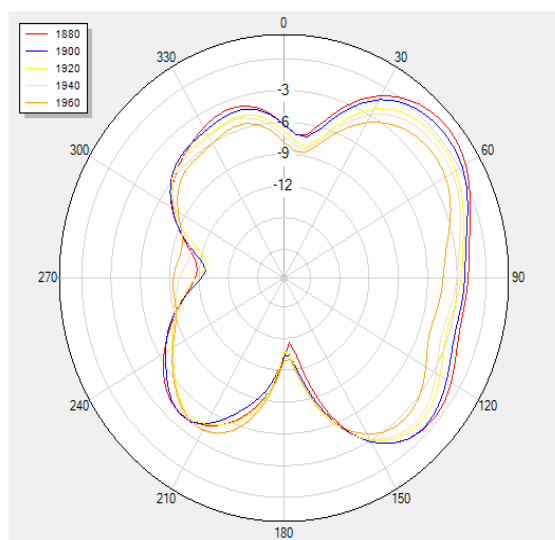
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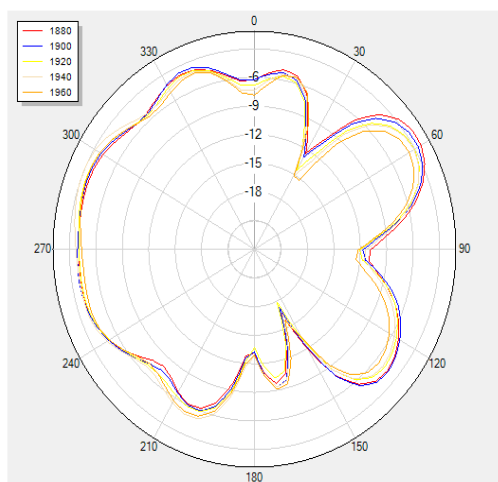
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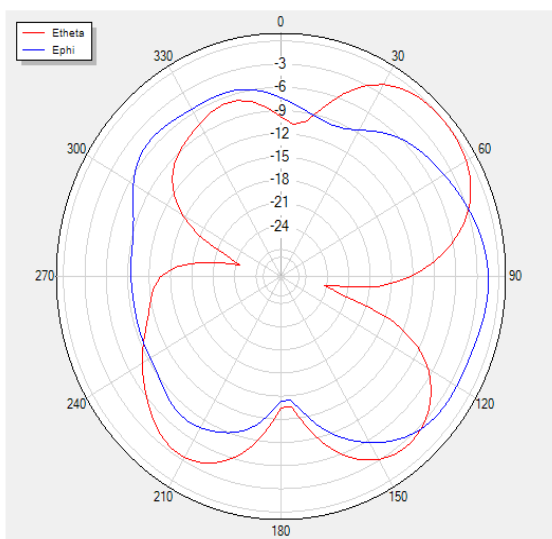
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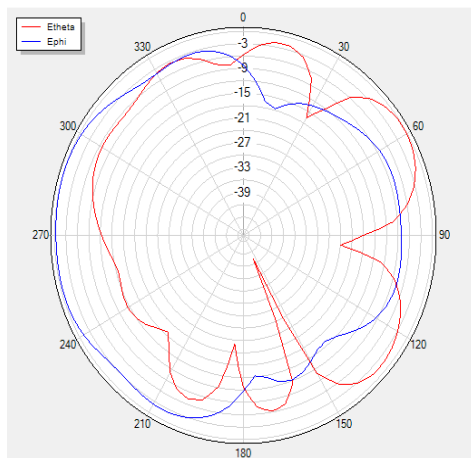
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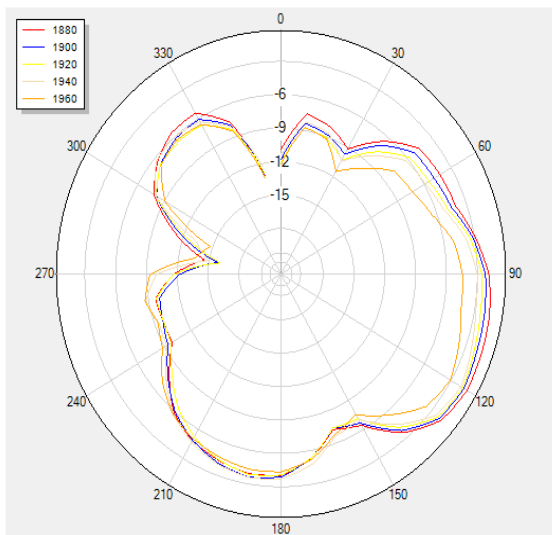
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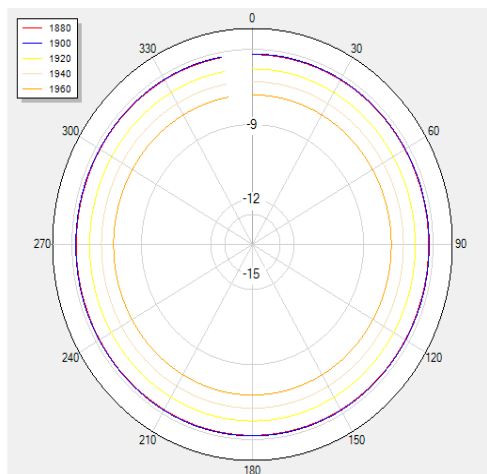
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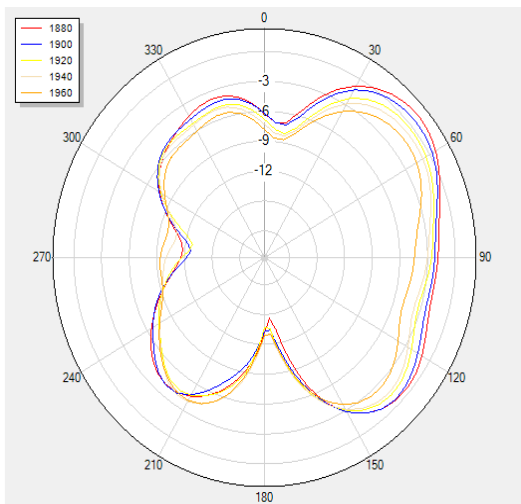
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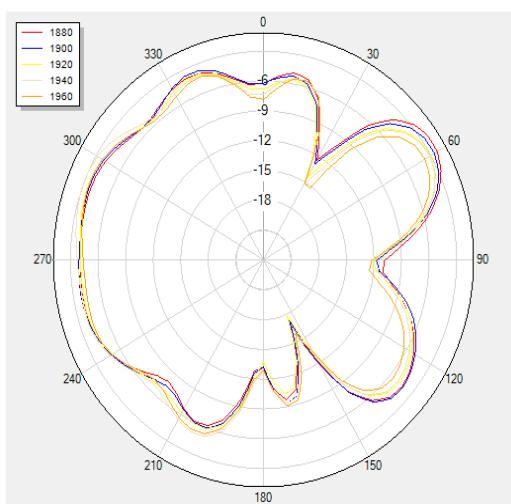
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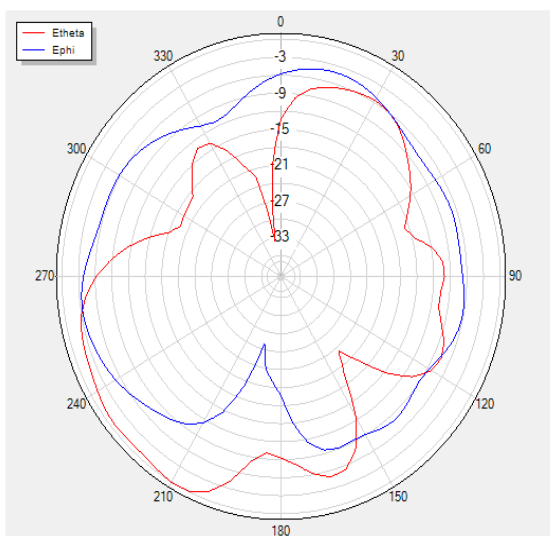
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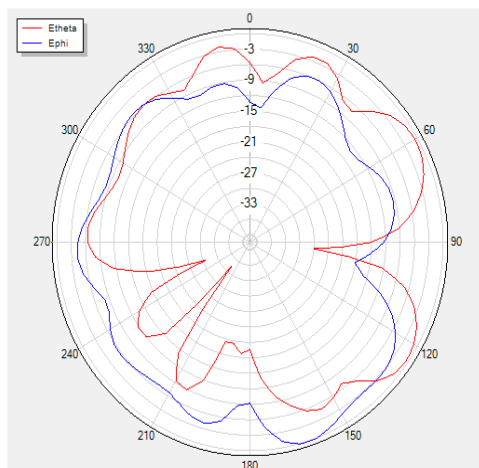
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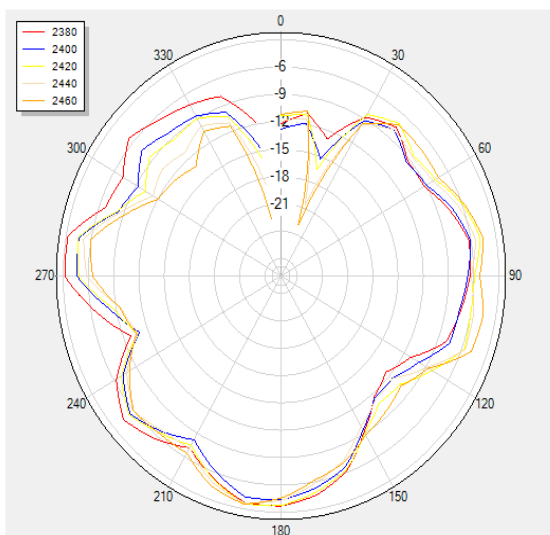
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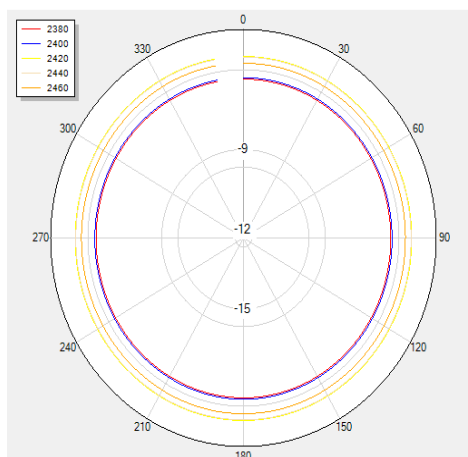
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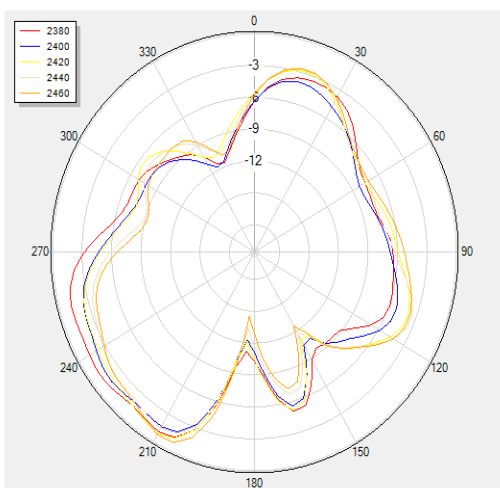
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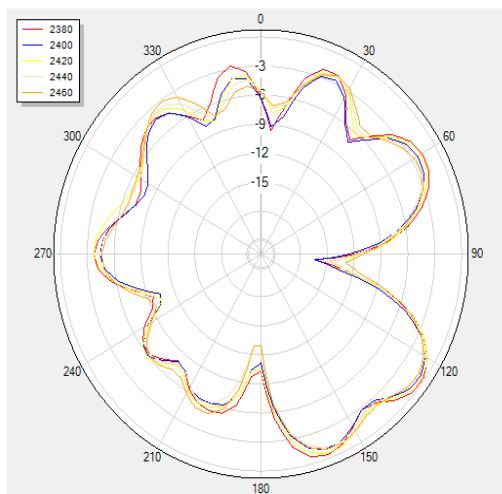
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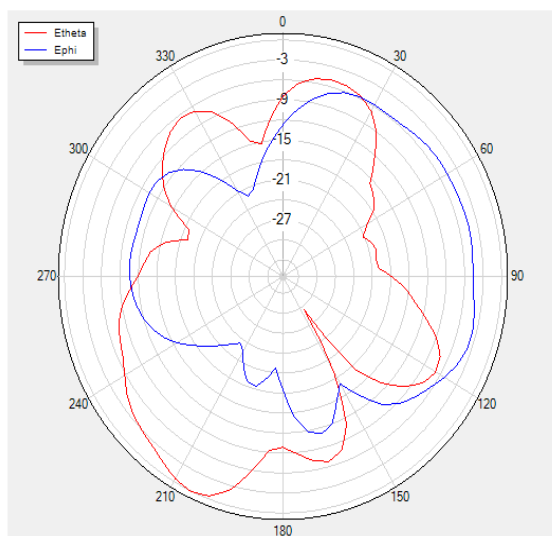
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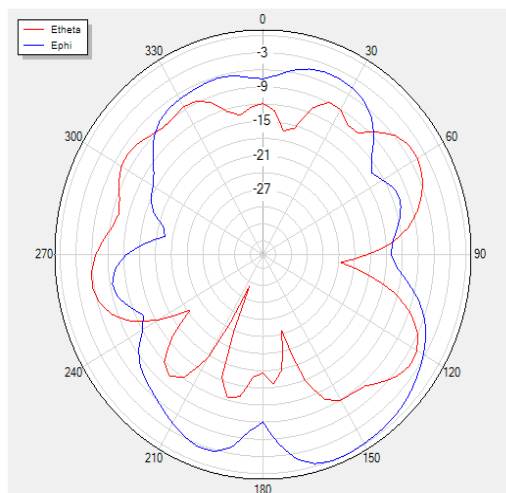
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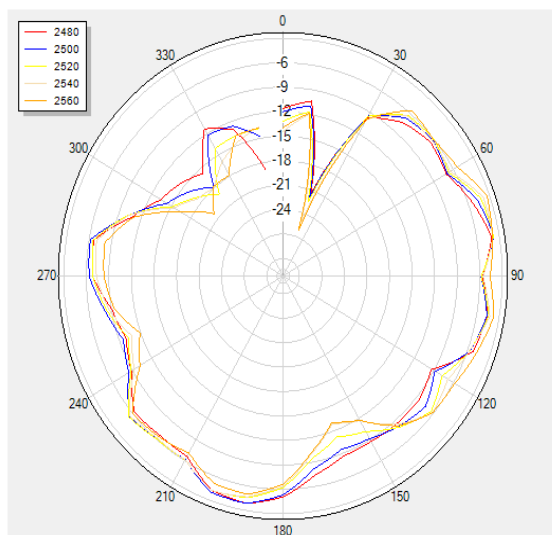
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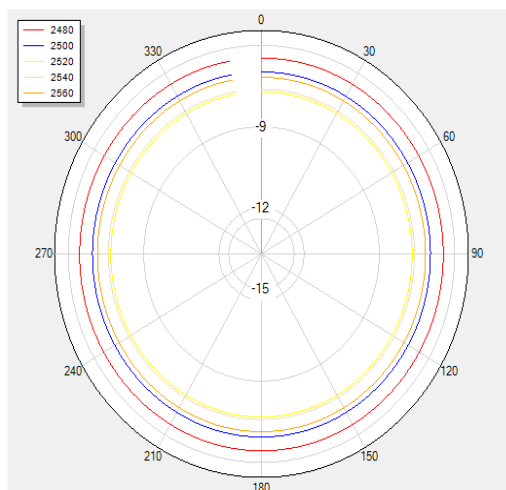
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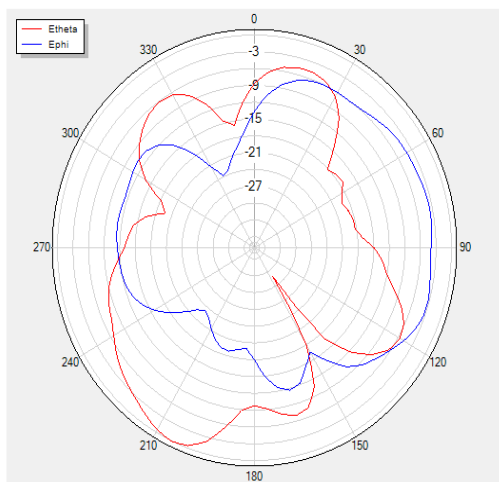
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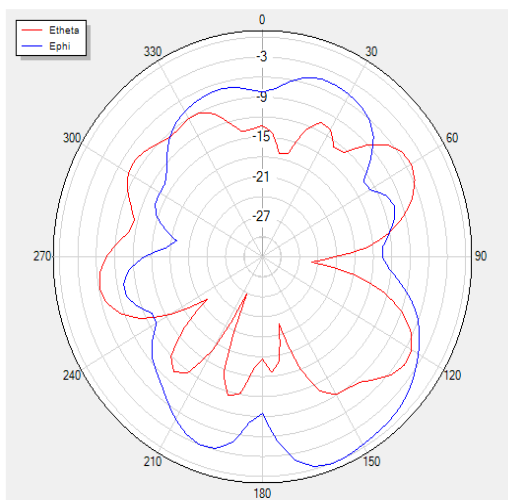
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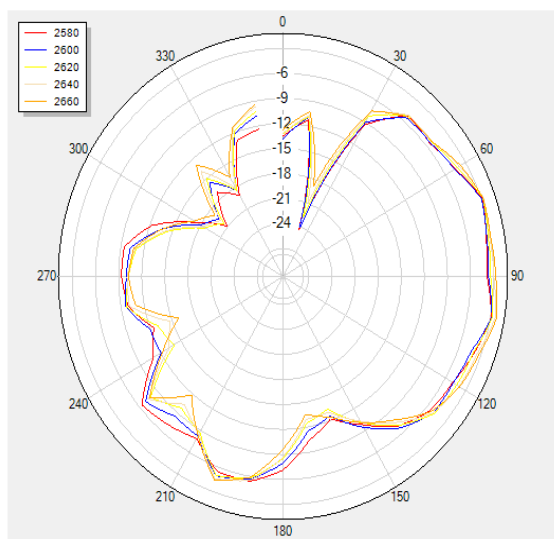
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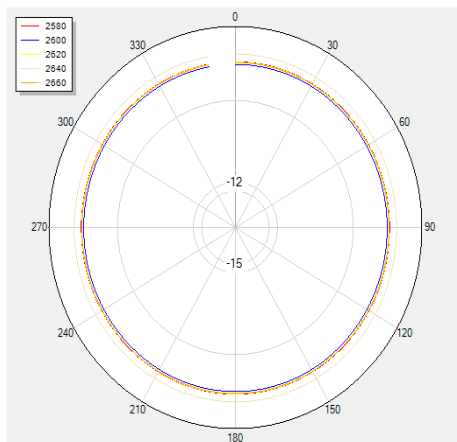
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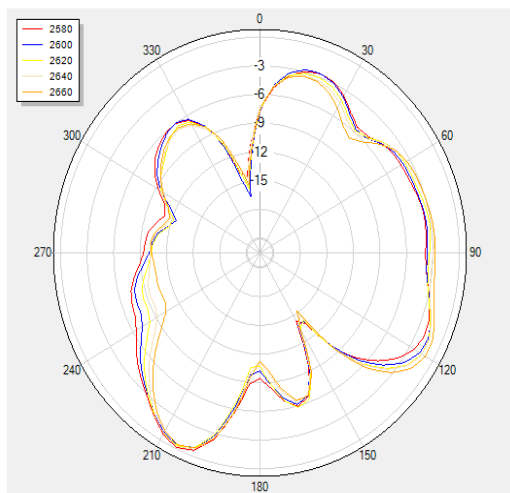
H Theta=90



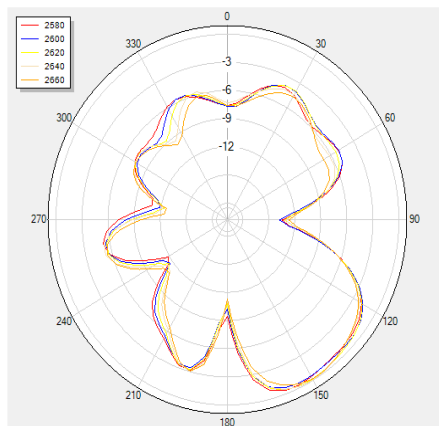
H Theta=0



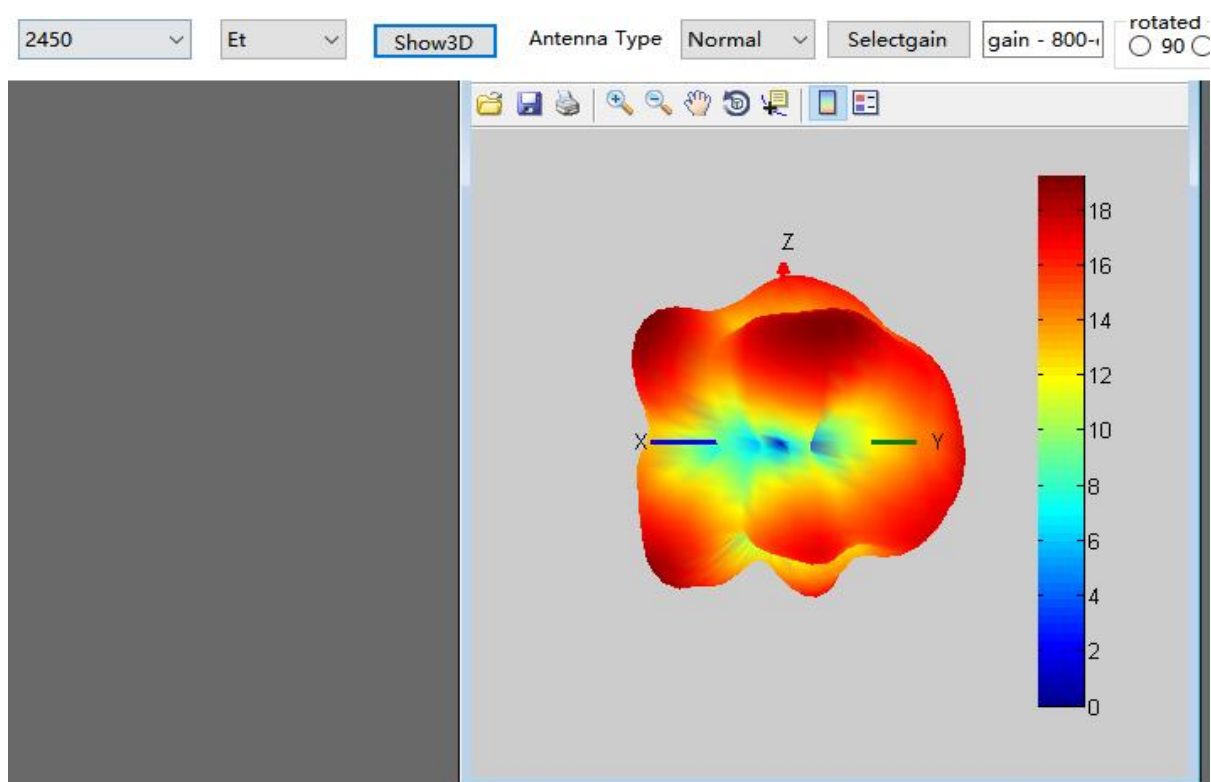
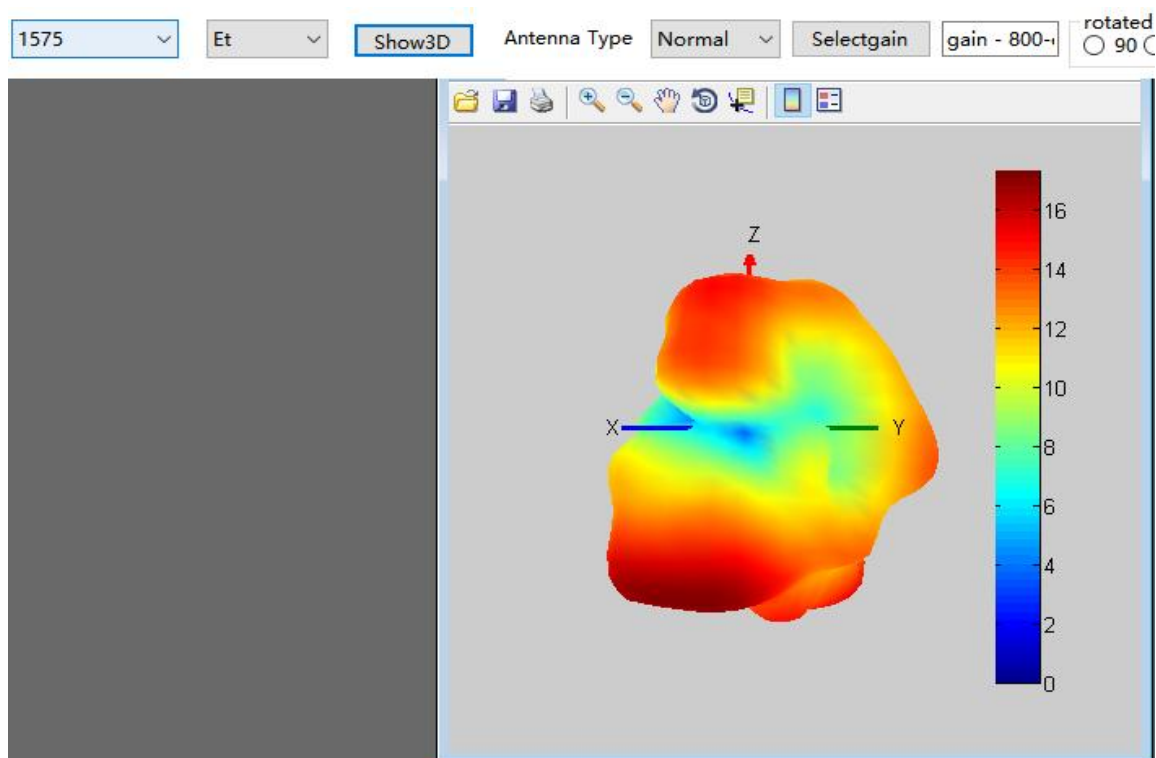
V Phi=90

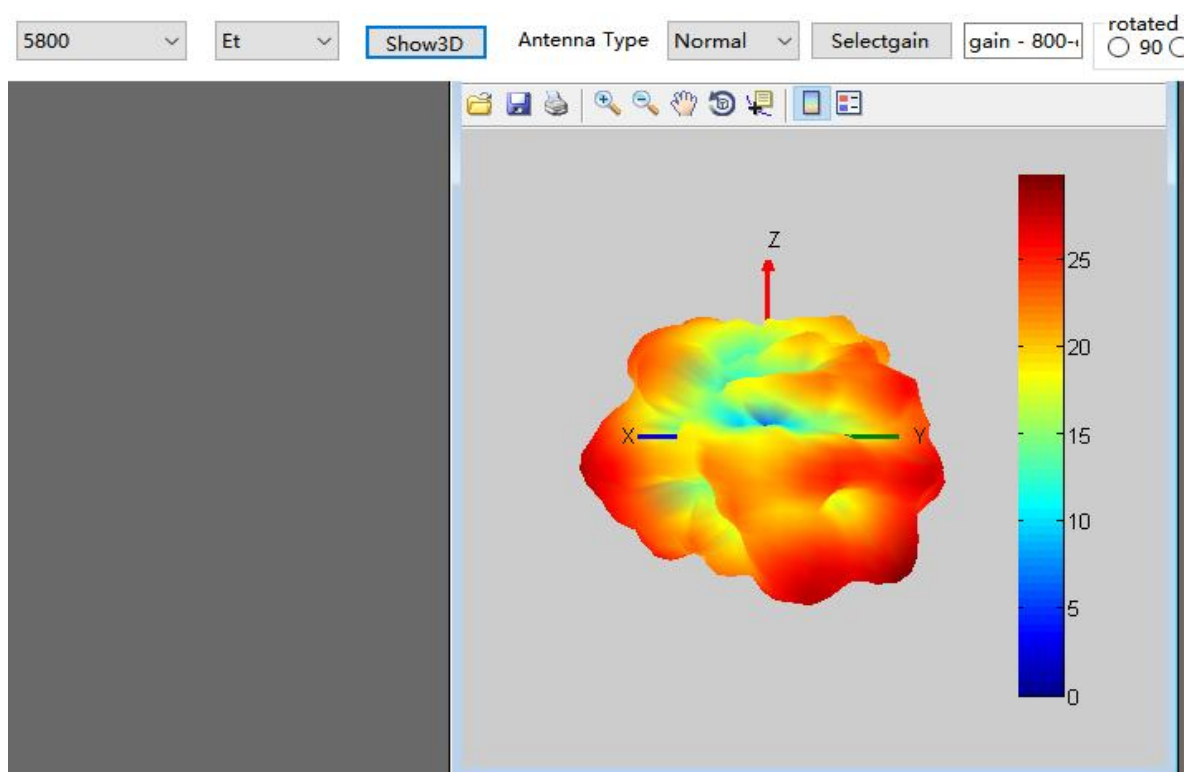
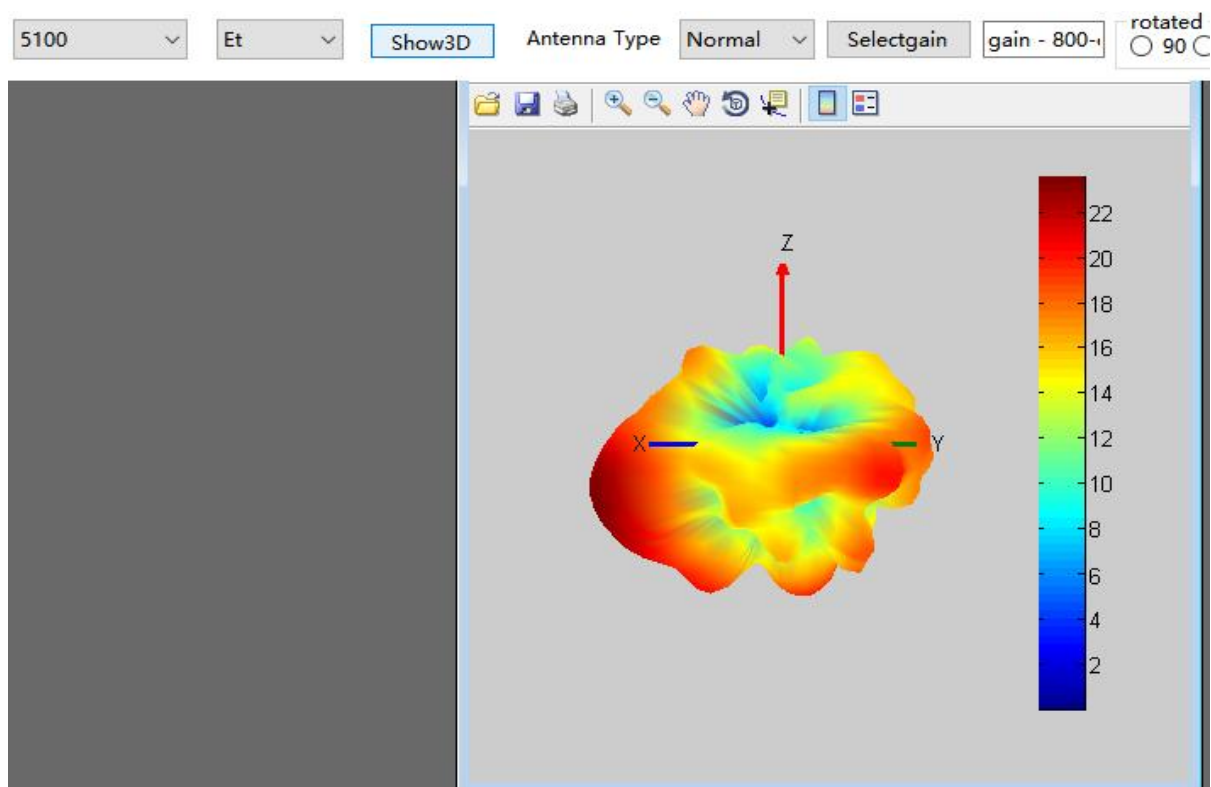


V Phi=0



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

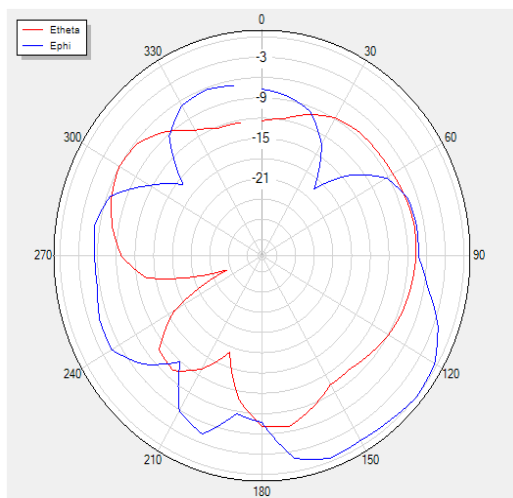




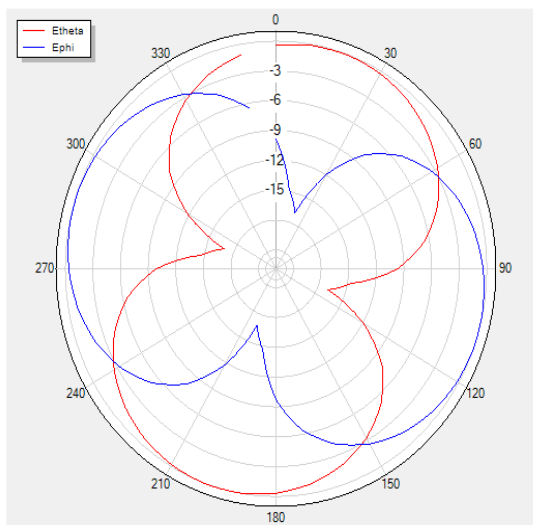
(GPS antenna) + (2.4G/5G WIFI/BT antenna)

PolarGraphs/EtotalGraphs

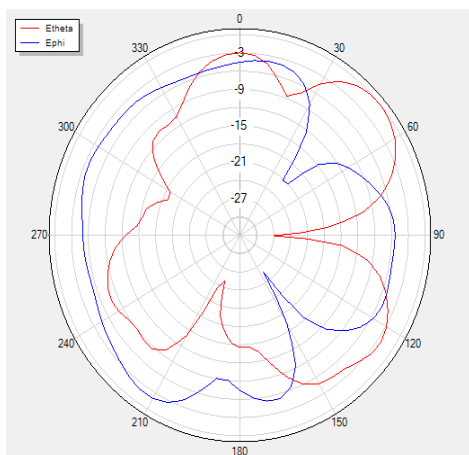
H Theta=90 freq=1575MHz



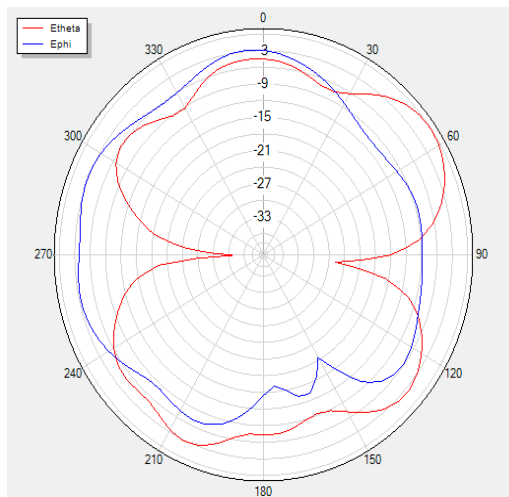
H Theta=0 freq=1575MHz



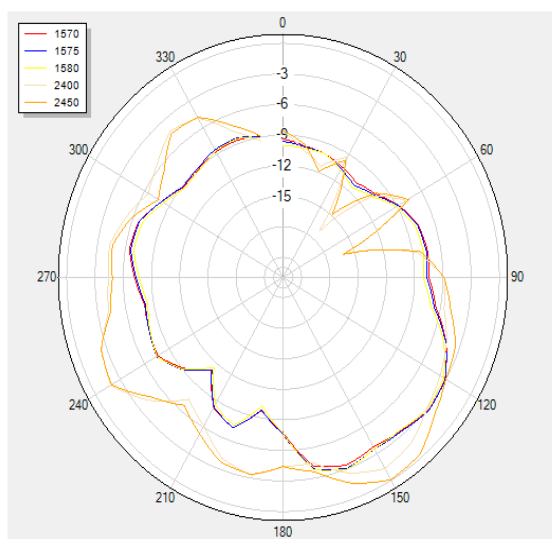
V Phi=90 freq=2450MHz



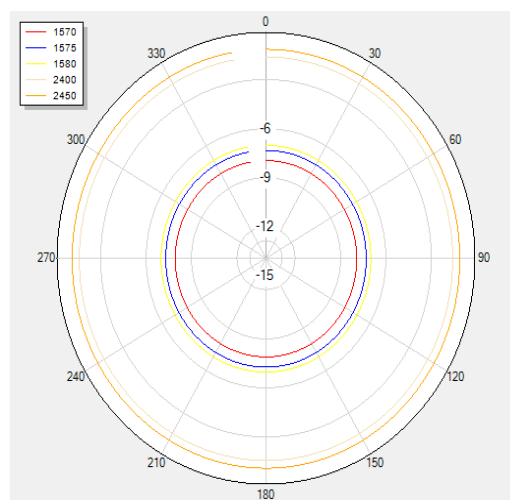
V Phi=0 freq=2450MHz



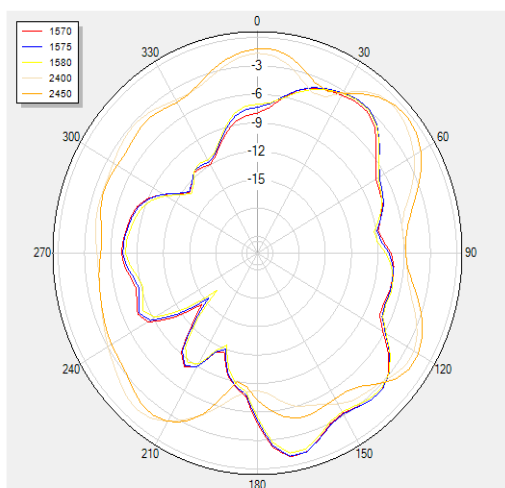
H Theta=90



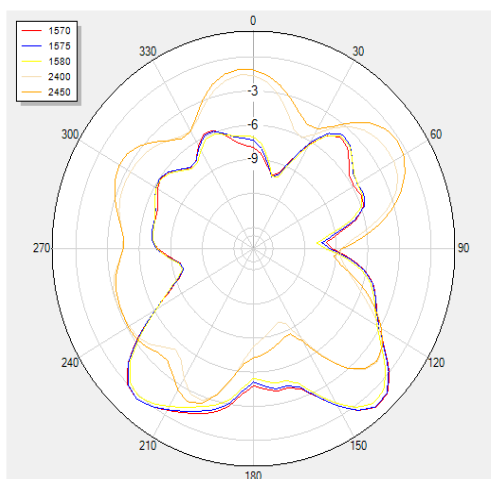
H Theta=0



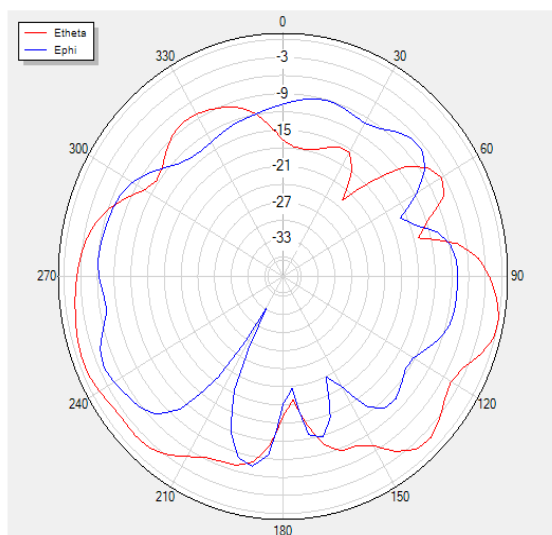
V Phi=90



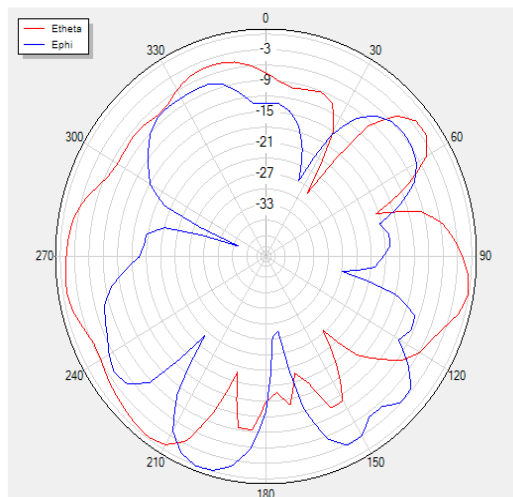
V Phi=0



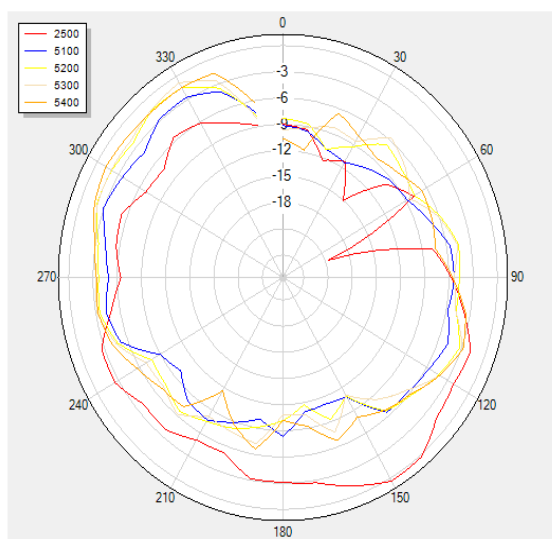
V Phi=90 freq=5100MHz



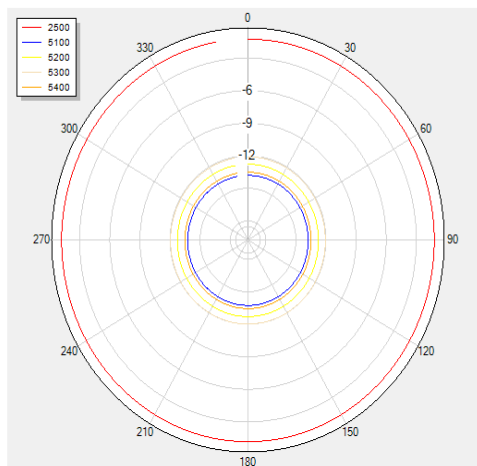
V Phi=0 freq=5100MHz



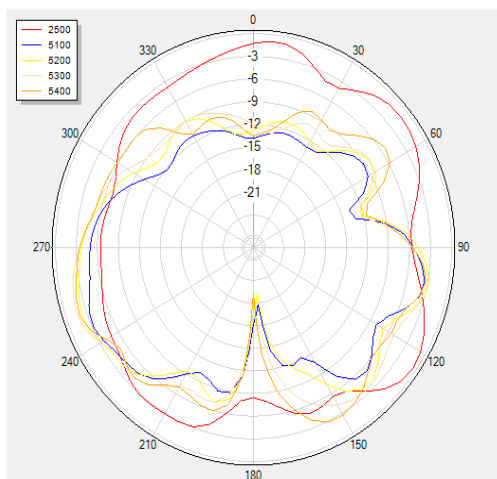
H Theta=90



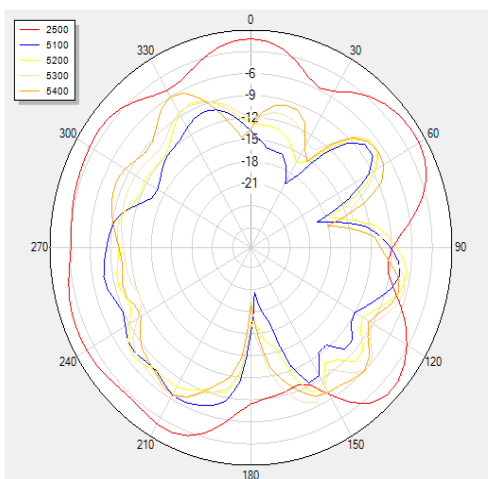
H Theta=0



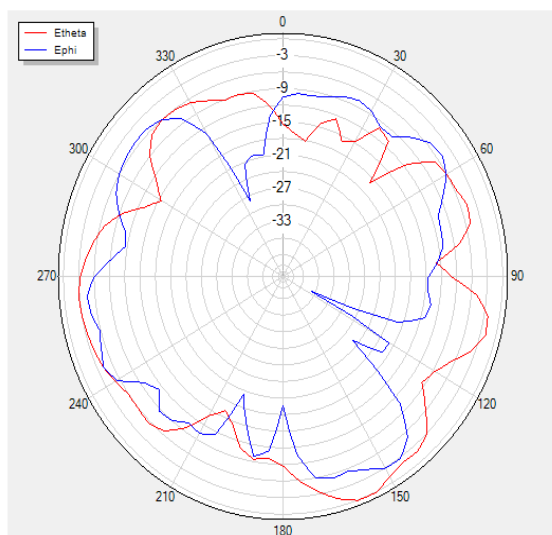
V Phi=90



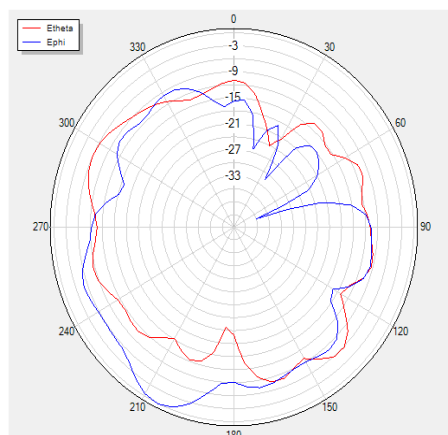
V Phi=0



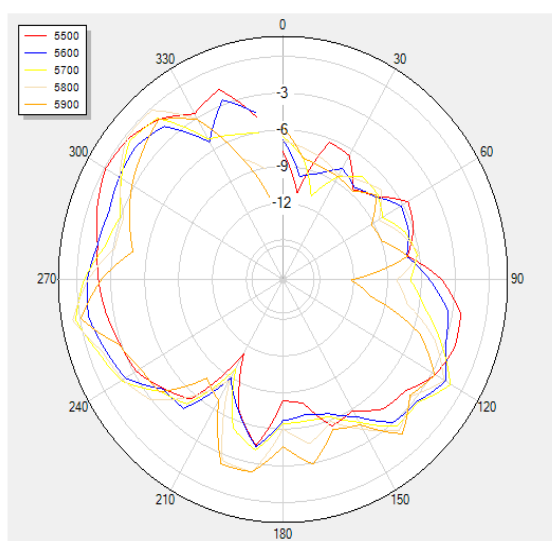
V Phi=90 freq=5800MHz



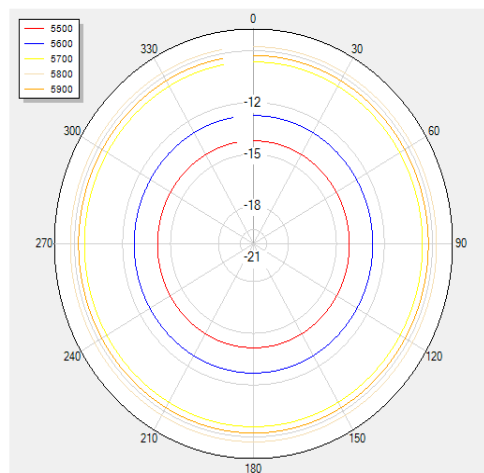
V Phi=0 freq=5800MHz



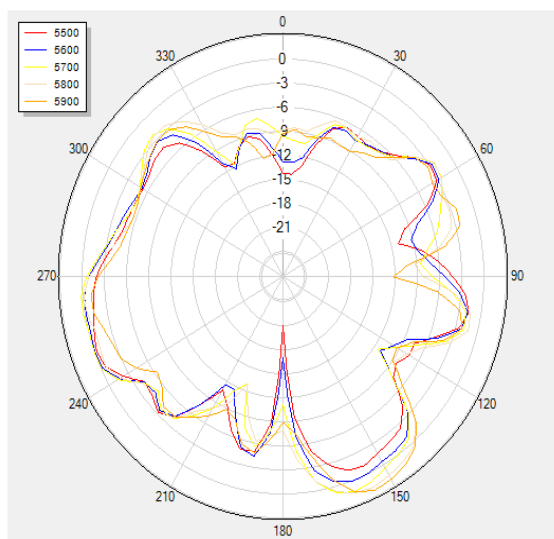
H Theta=90



H Theta=0



V Phi=90



V Phi=0

