

ANWEI commnuication Equipment Co.,Ltd

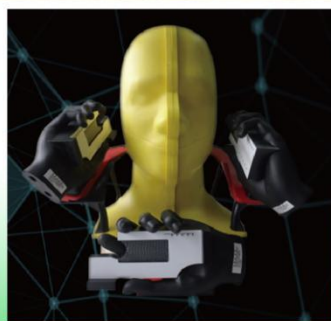
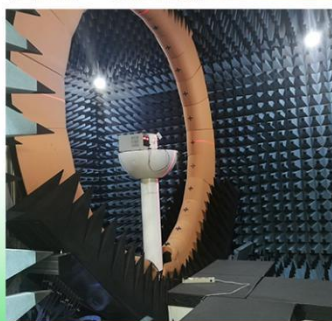
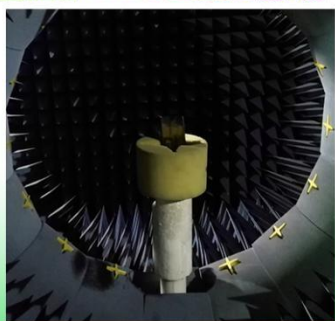
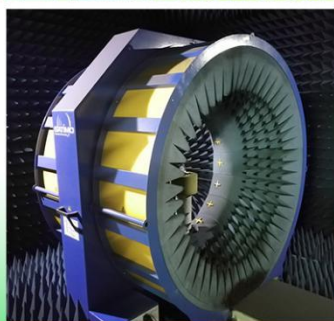
APPROVAL SHEET

Customer	Youmi	Specs	G3TAB
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:W1/2/5/8 4G:LTE-B1/2/3/4/5/7/8/12/13/17/ 18/19/20/26/28A/B/66/71+TDD34/38/39/40/41
Color	Black	Edition	REV:A0
Salesperson	Mr.Xie	Design	ZHONG ZHI HUI
Structure	QIN YUN LIN	Confirm	
Date	2023/3/29	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

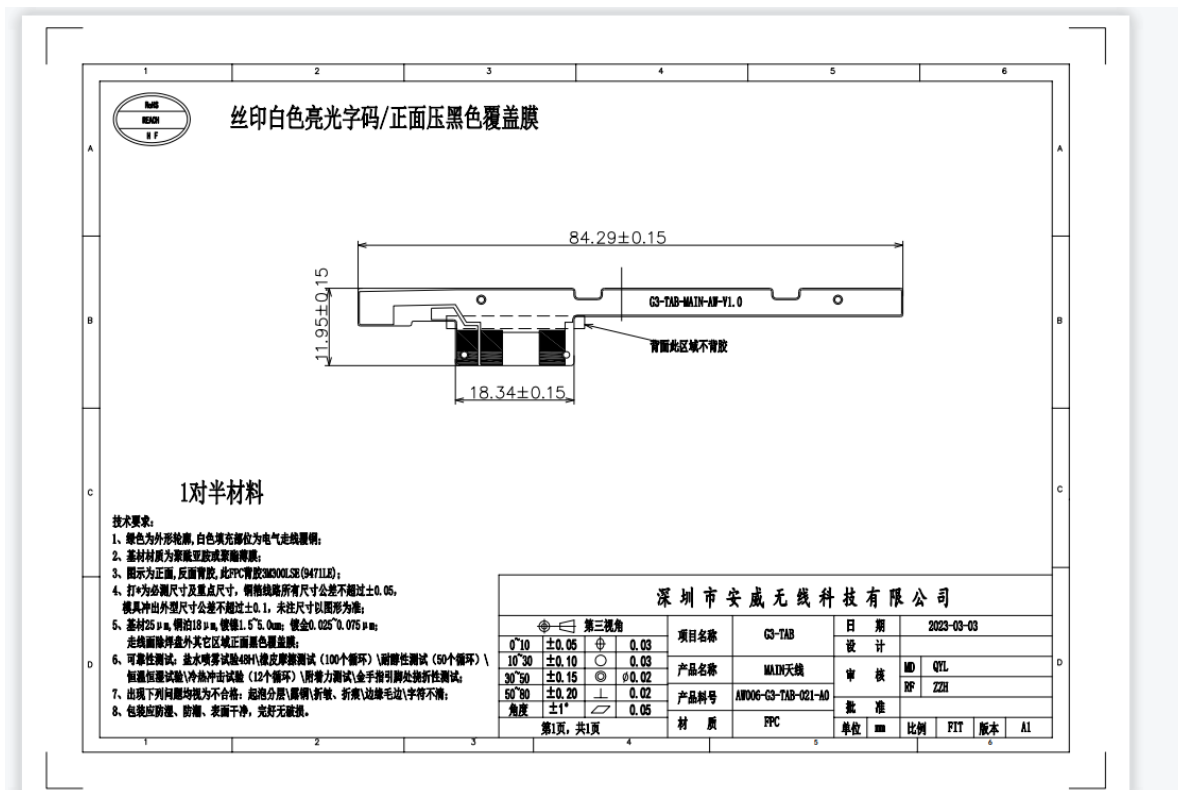
Project development environment



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 antenna)



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

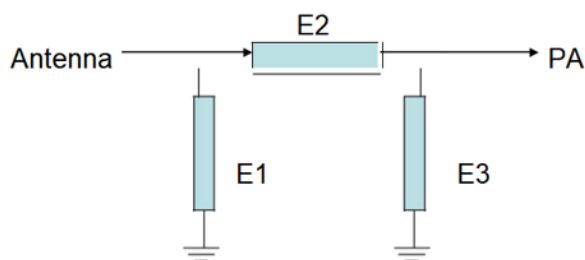
2G:GSM850/900/1800/1900

3G:W1/2/5/8

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

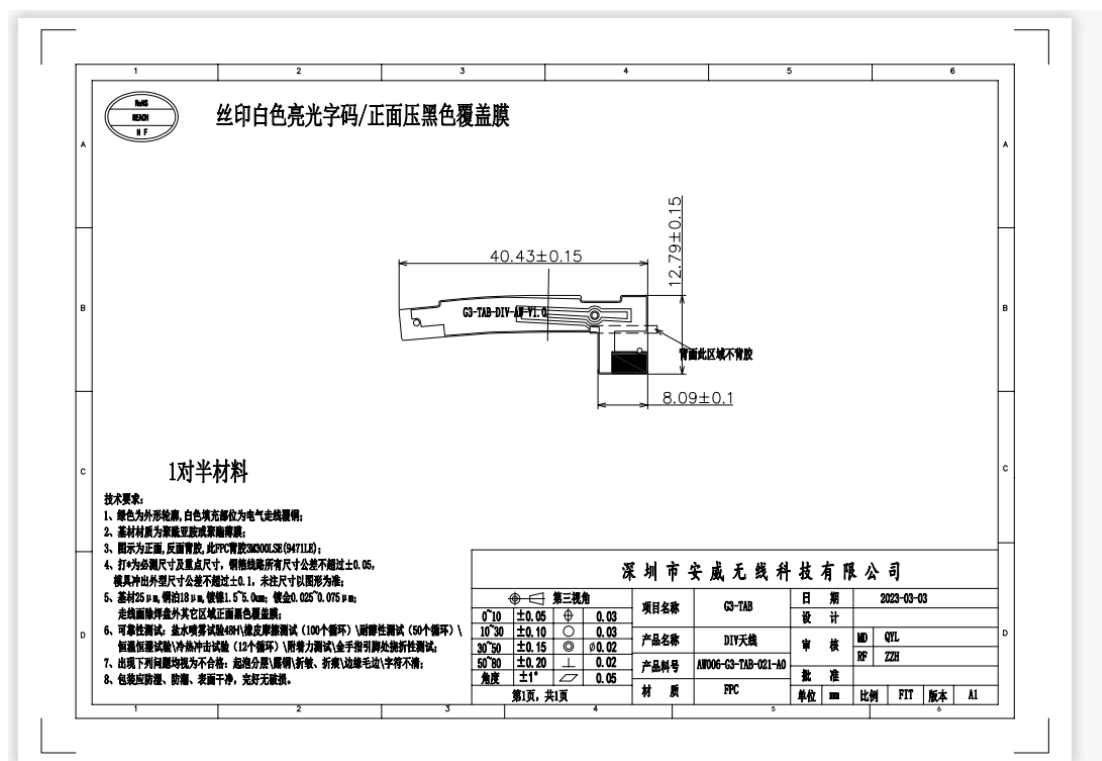
18/19/20/26/28A/B/66/71+TDD34/38/39/40/41

(Matcheing network):



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

(DIV antenna)



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

2G:GSM850/900/1800/1900

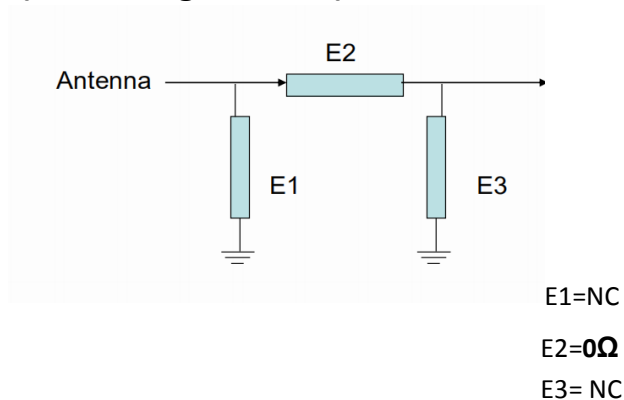
3G:W1/2/5/8

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

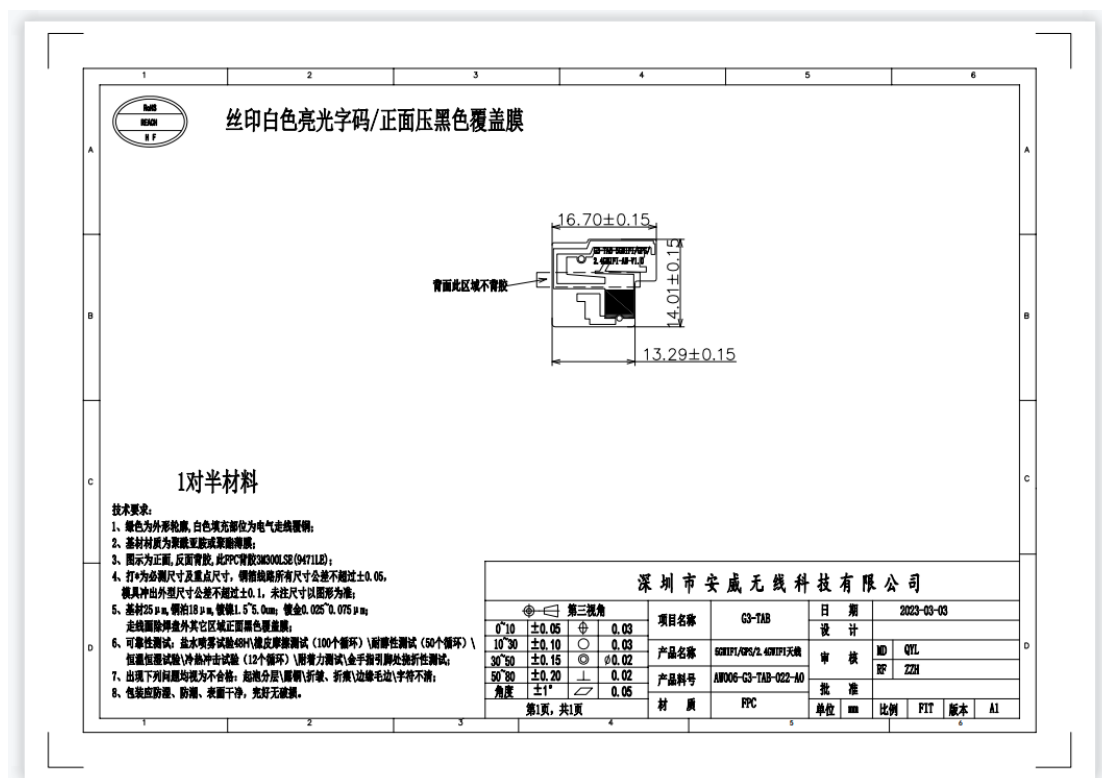
18/19/20/26/28A/B/66/71+TDD34/38/39/40/41

Note: DIV antenna only RX

(Matching network)



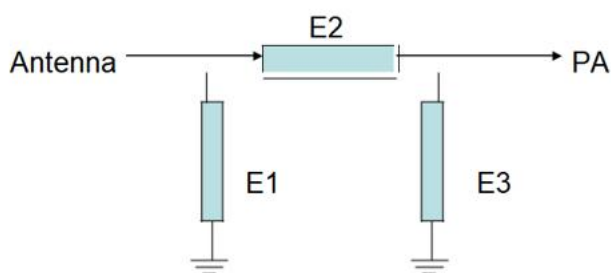
(GPS antenna) + (2.4G/5G WIFI/BT antenna)



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

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

(Matching network)



Element	Value
E1	NC
E2	0 Ω
E3	NC

ANWEI ANT TRP&TIS parameter Summary of G3TAB

BAND	Channel	TRP (dBm)	TIS (dBm)
FDD B1	L	18.24	
	M	18.45	
	H	18.45	-93.41
FDD B2	L	18.23	
	M	18.62	
	H	18.89	-94.20
FDD B3	L	17.53	
	M	17.00	
	H	17.81	-94.33
FDD B4	L	17.67	
	M	17.62	
	H	17.24	-94.70
FDD B5	L	17.39	
	M	18.04	
	H	18.60	-92.15
FDD B7	L	18.19	
	M	19.47	
	H	18.42	-94.57
FDD B8	L	18.31	
	M	18.02	
	H	17.55	-92.03
FDD B12	L	15.60	
	M	16.10	
	H	16.17	-92.09
FDD B13	L		
	M	17.32	-92.53
	H		

FDD B17	L	16.31	
	M	16.34	
	H	17.14	-92.09
FDD B18	L	16.96	
	M	18.04	
	H	18.15	-92.44
FDD B19	L	17.76	
	M	18.70	
	H	18.53	-92.42
FDD B20	L	18.56	
	M	19.99	
	H	18.73	-93.33
FDD B25	L	17.73	
	M	18.45	
	H	18.43	-94.59
FDD B26	L	16.25	
	M	16.51	
	H	17.69	-93.64
FDD B28A	L	16.97	
	M	16.52	
	H	16.73	-92.58
FDD B28B	L	16.74	
	M	17.45	
	H	17.48	-93.14
FDD B66	L	16.66	
	M	17.49	
	H	18.07	-94.53
	L	15.20	
	M	15.61	
	H	15.17	-90.78

FDD B71			
TDD B34	L	18.24	
	M	19.31	
	H	18.09	-93.80
TDD B38	L	18.67	
	M	18.87	
	H	18.19	-90.23
TDD B39	L	18.41	
	M	18.37	
	H	18.54	-92.42
TDD B40	L	16.40	
	M	16.78	
	H	16.95	-89.62
TDD B41	L		
	M	18.01	-90.88
	H		
WCDMA-B1	L	18.82	
	M	18.75	
	H	18.71	-106.58
WCDMA-B2	L	18.76	
	M	18.95	
	H	19.42	-106.85
WCDMA-B4	L	18.31	
	M	18.29	
	H	18.32	-106.08
WCDMA-B5	L	17.64	
	M	18.32	
	H	18.62	-105.14

WCDMA-B8	L	19.14	
	M	18.07	
	H	18.39	-104.26

	Channel	TRP (dBm)	TIS (dBm)
GSM850	L	25.72	
	M	26.49	
	H	26.86	-103.25
GSM900	L	26.35	
	M	25.93	
	H	25.52	-103.77
DCS1800	L	25.16	
	M	24.99	
	H	24.54	-105.63
PCS1900	L	24.05	
	M	24.44	
	H	25.40	-104.80
2.4G WIFI B 模 11M	L	14.54	-84.04
	M	14.58	-83.96
	H	14.34	-83.94
5 G WIFI A 模 54M	L	12.55	-72.58
	M	11.22	-71.72
	H	11.41	-72.19

(GPS Test)



(Efficiency of GPS antenna): 36%

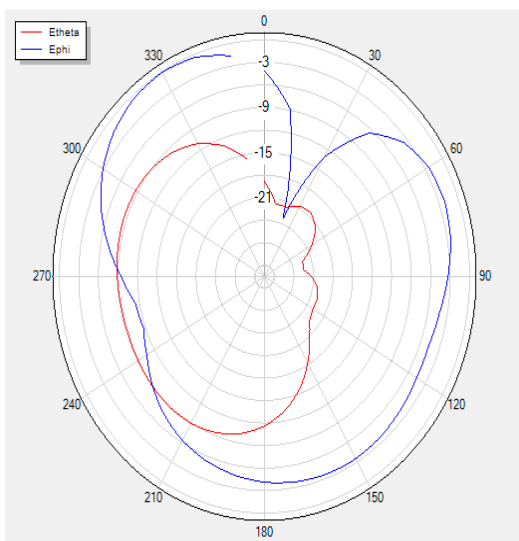
天线增益(Antenna gain)

Standard	Band	Frequency	Gain(dbi)
TDD_LTE	TDD_B34	2020	1.52
TDD_LTE	TDD_B38	2600	1.81
TDD_LTE	TDD_B39	1900	1.14
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_B28	711	-2.37
FDD_LTE	FDD_B66	1720	1.03
FDD_LTE	FDD_B71	693	-3.14
WCDMA	WCDMA_B1	1960	1.71
WCDMA	WCDMA_B2	1900	1.14
WCDMA	WCDMA_B4	1720	1.03

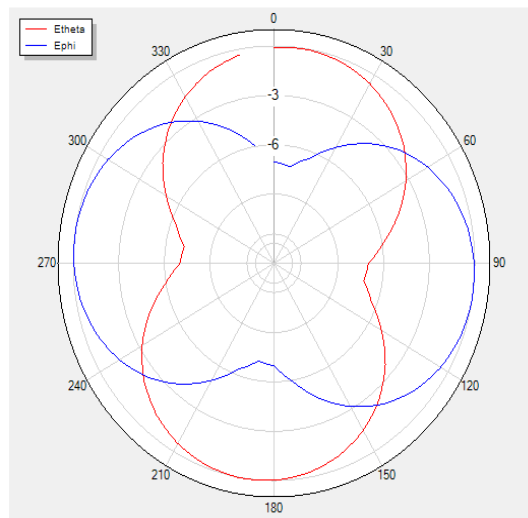
WCDMA	WCDMA_B5	820	-0.76
WCDMA	WCDMA_B8	900	-1.13
GSM	GSM850	820	-0.76
GSM	GSM900	900	-1.13
GSM	DCS1800	1720	1.03
GSM	PCS1900	1900	1.14
5GWIFI		5200	0.88
5GWIFI		5400	2.09
5GWIFI		5800	3.91
2.4GWIFI		2400	0.97
2.4GWIFI		2450	0.97
2.4GWIFI		2500	0.96
BT		2400	0.97
BT		2450	0.97
BT		2500	0.96
GPS		1575	-0.18

antenna PolarGraphs

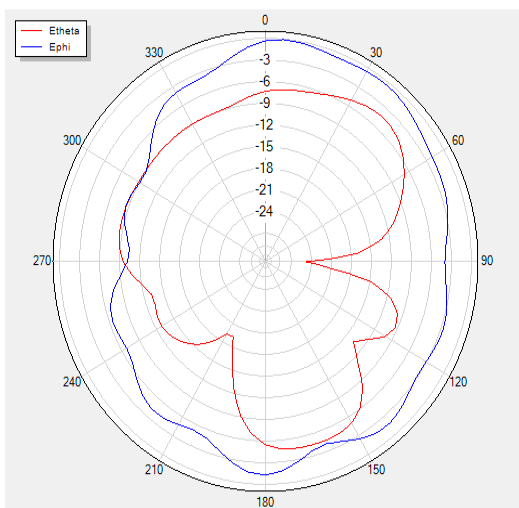
H Theta=90 freq=693MHz



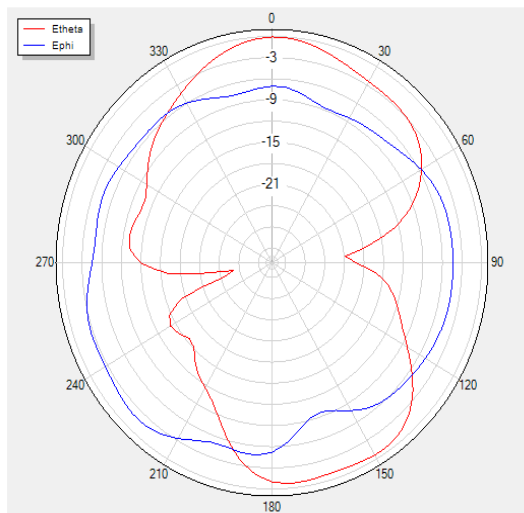
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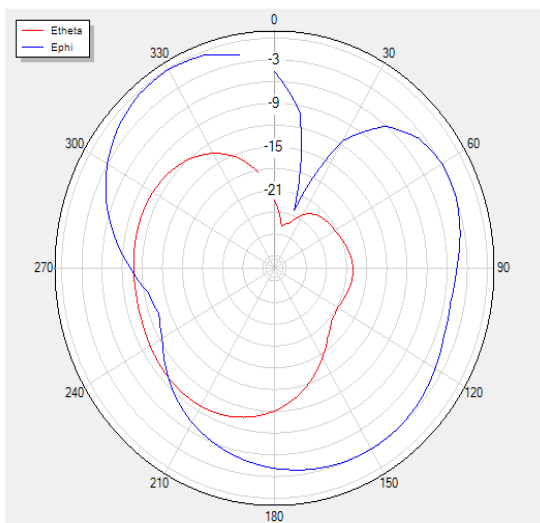
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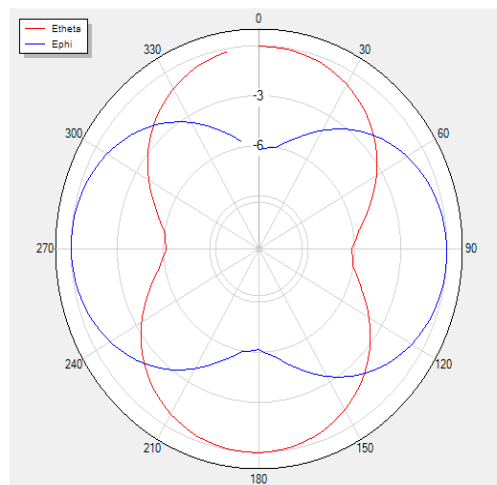
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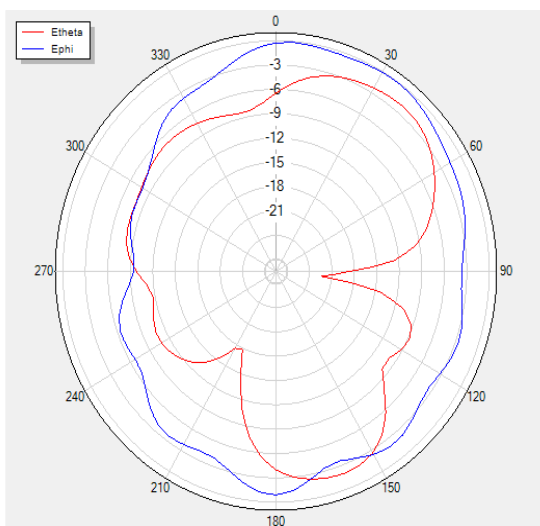
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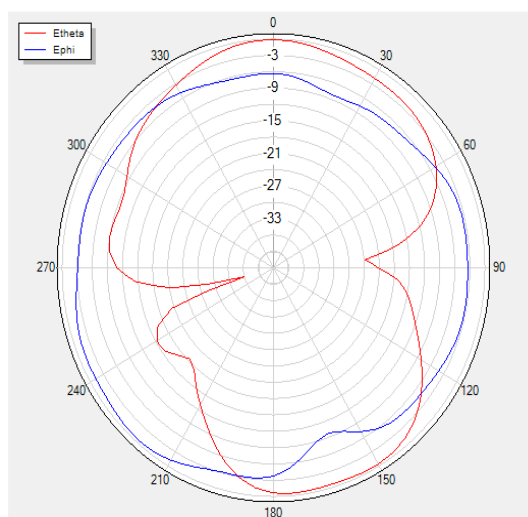
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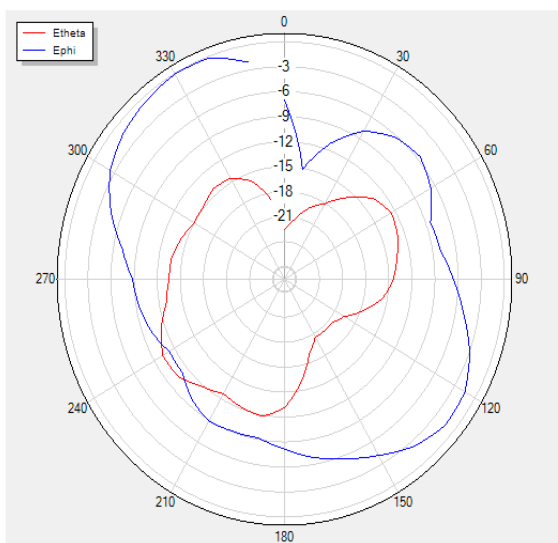
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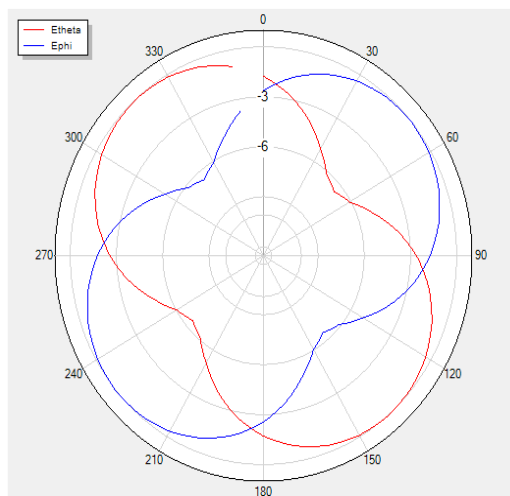
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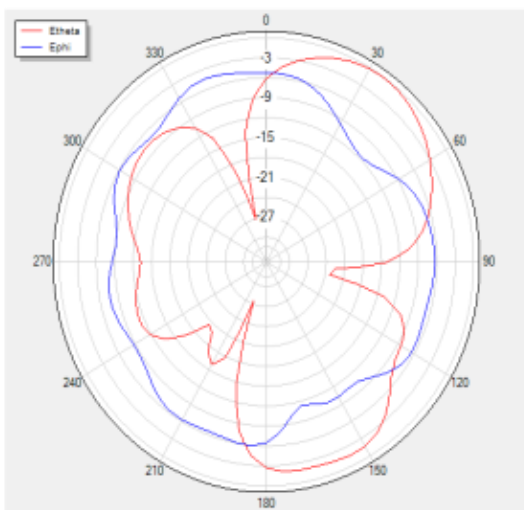
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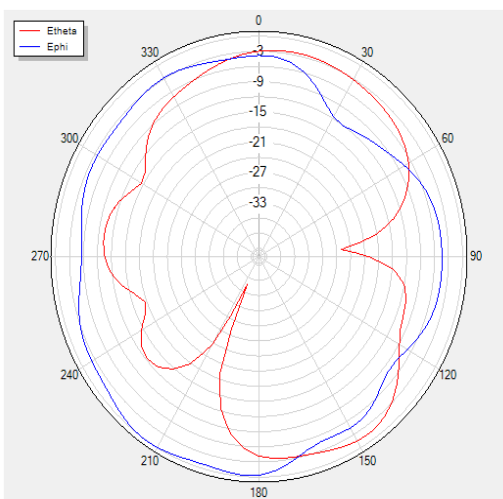
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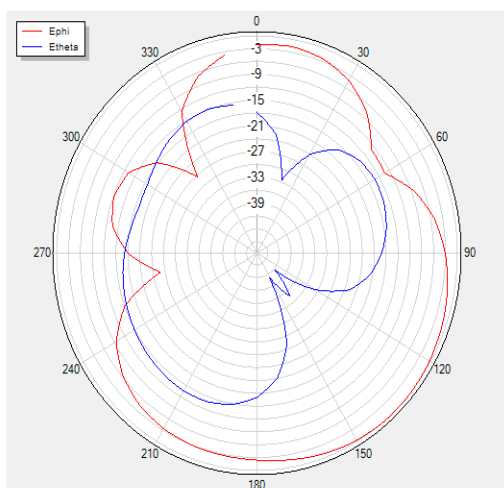
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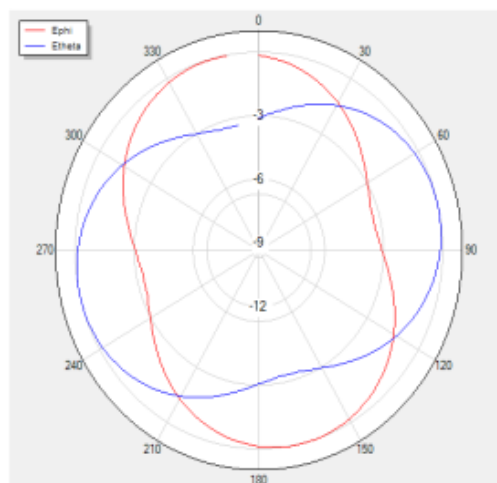
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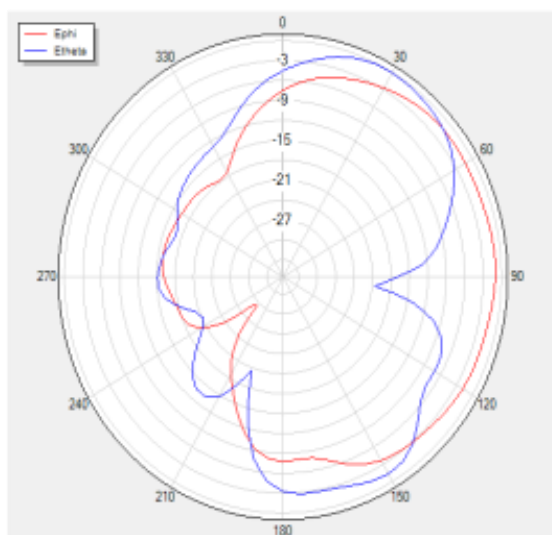
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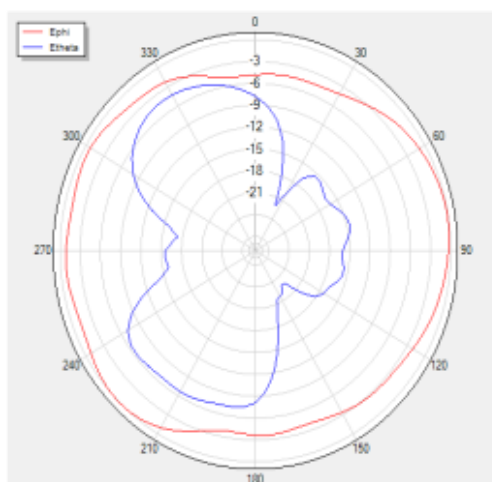
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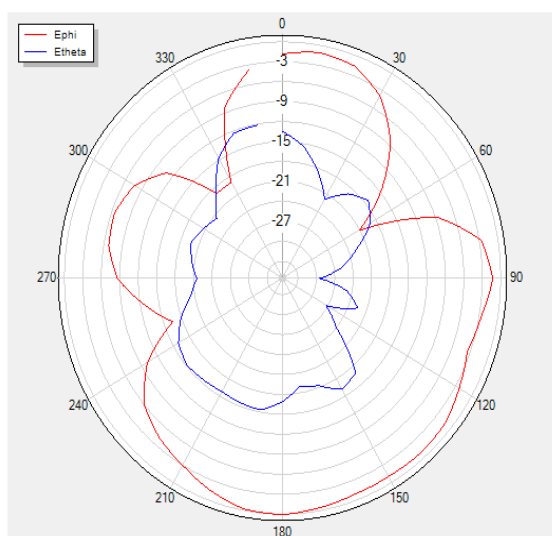
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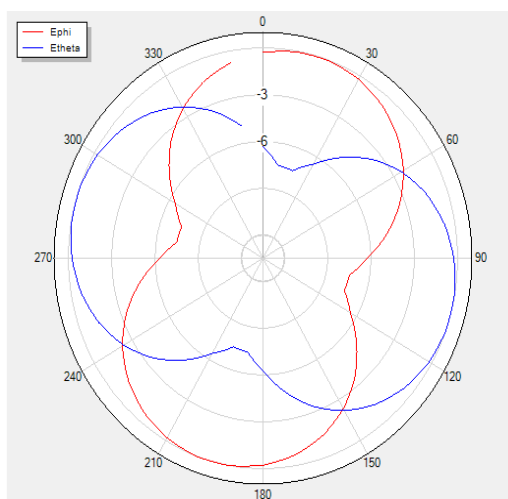
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H Theta=90 freq=900MHz



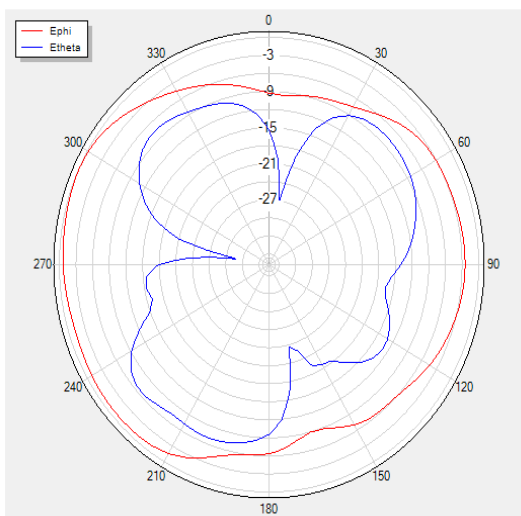
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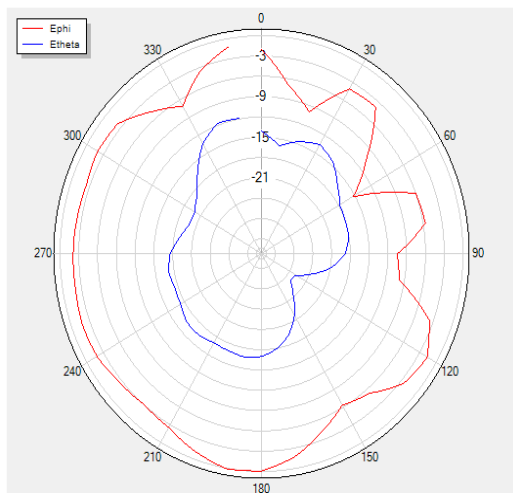
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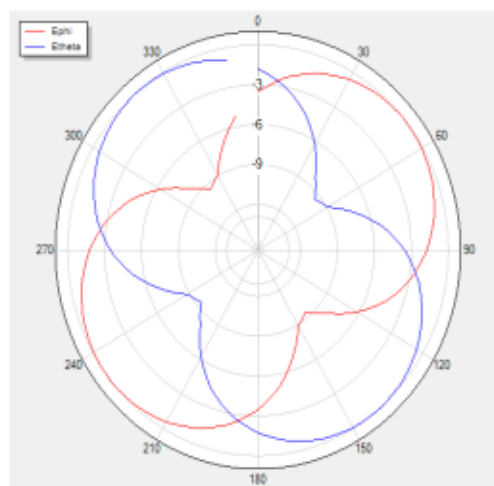
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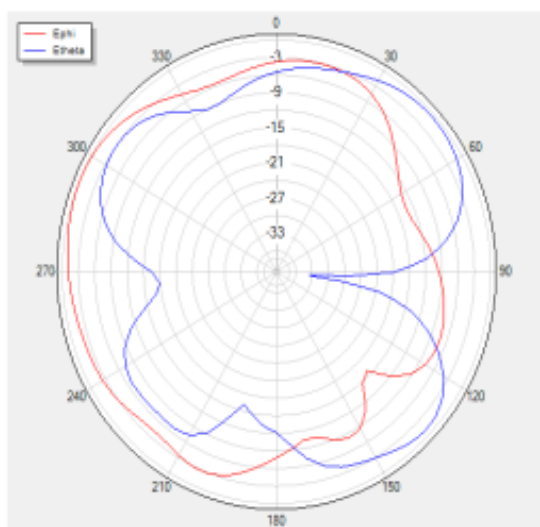
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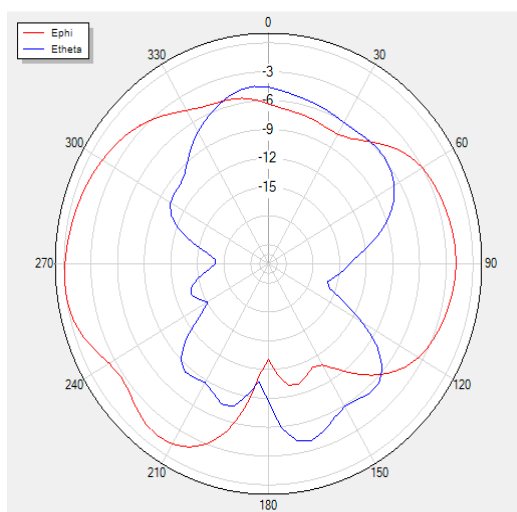
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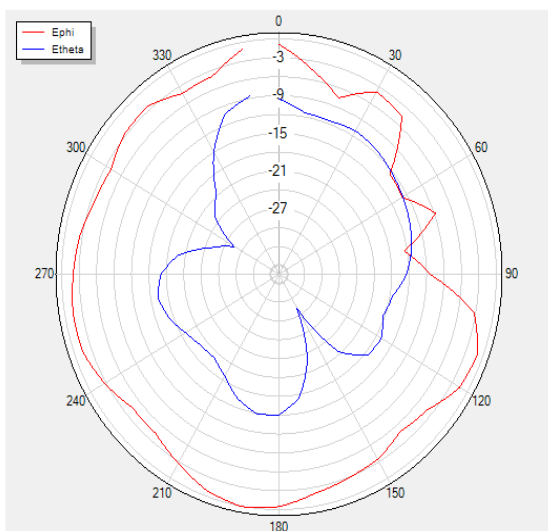
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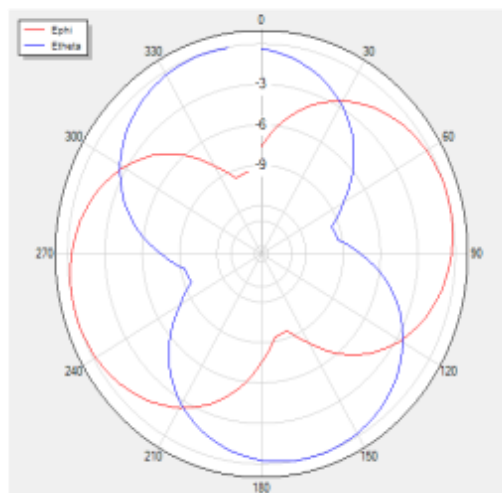
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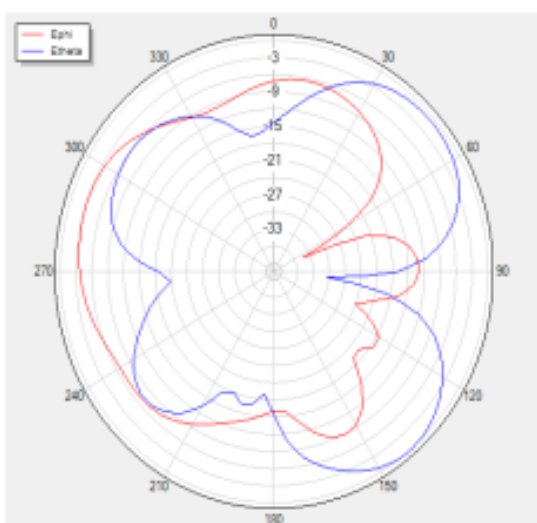
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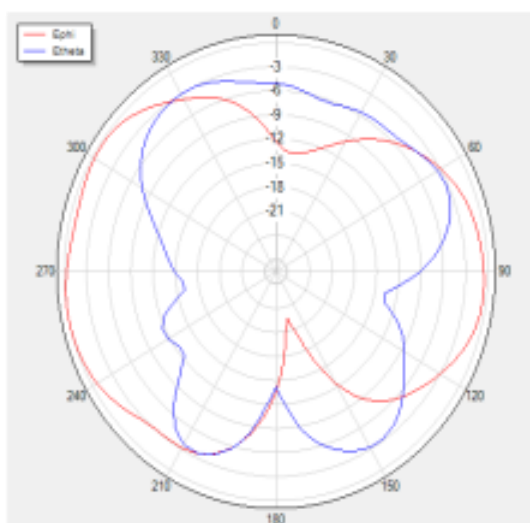
H Theta=0 freq=1900MHz



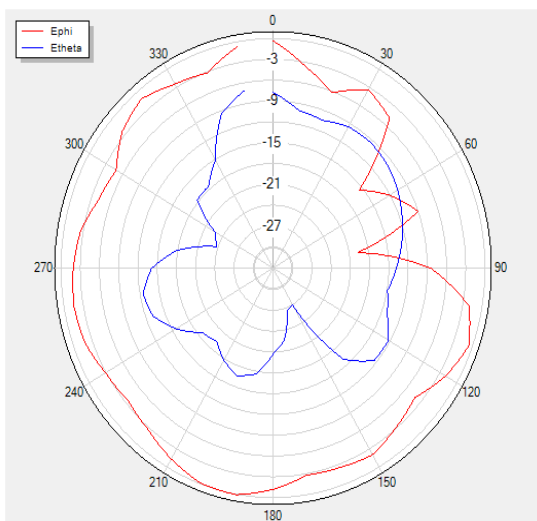
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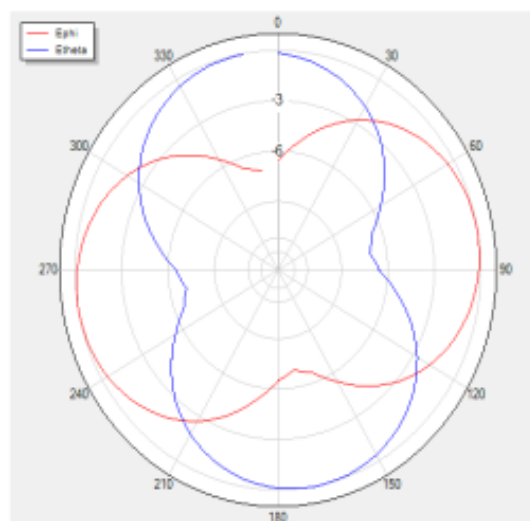
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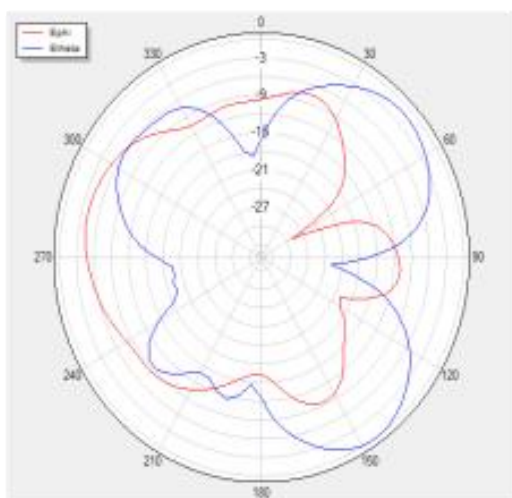
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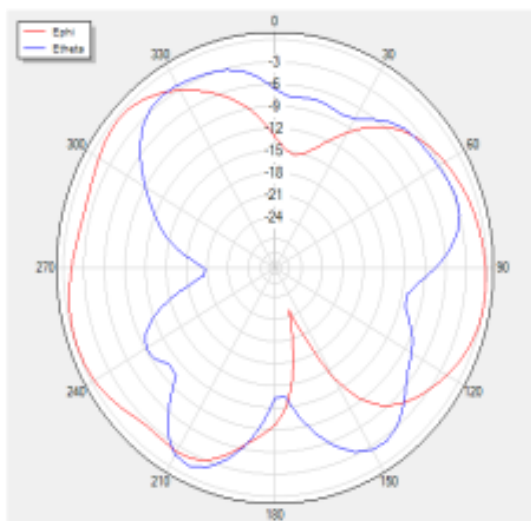
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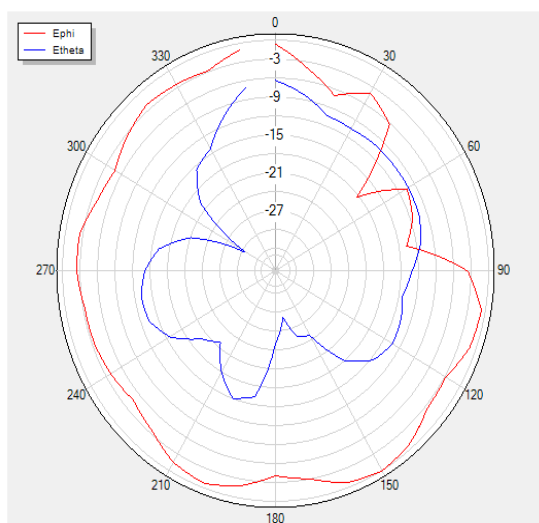
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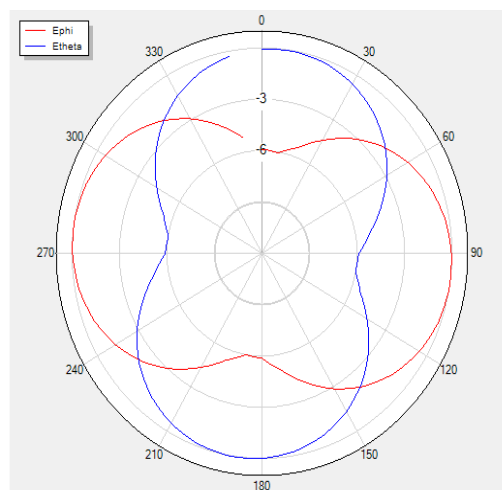
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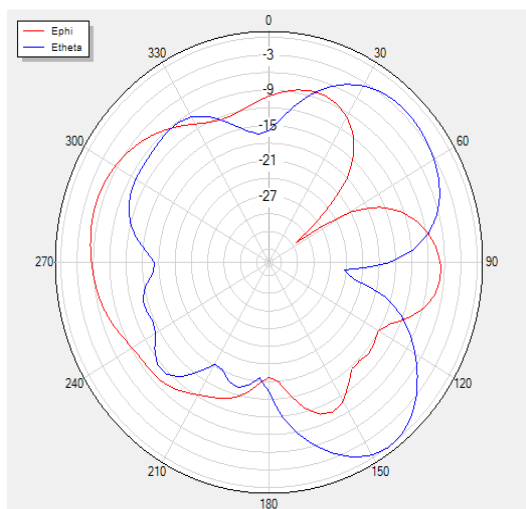
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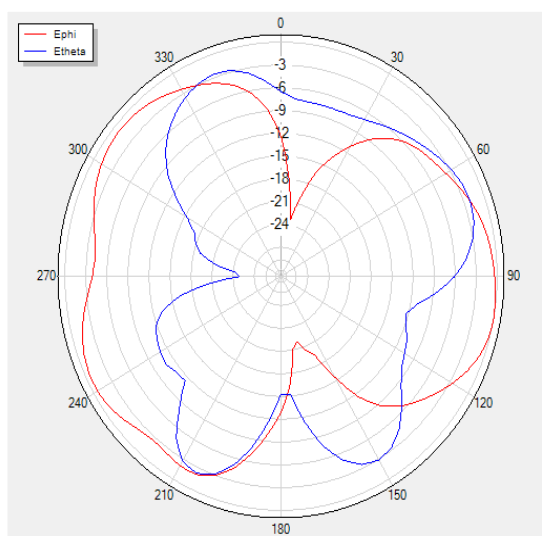
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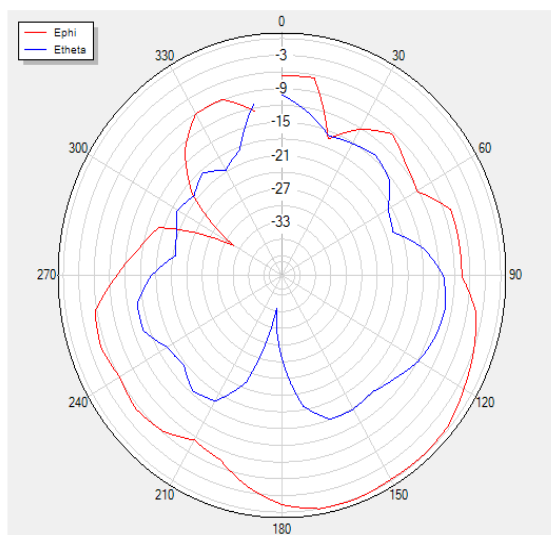
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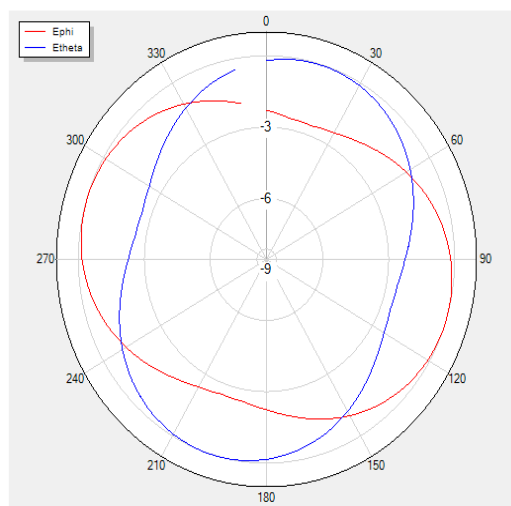
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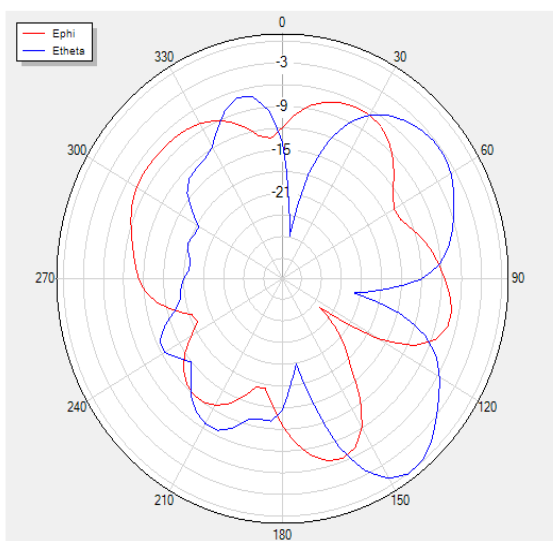
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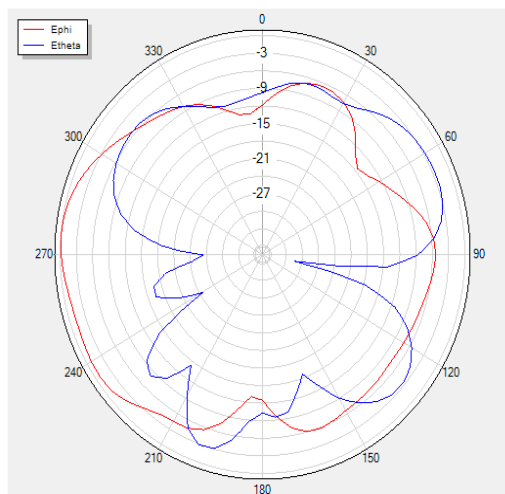
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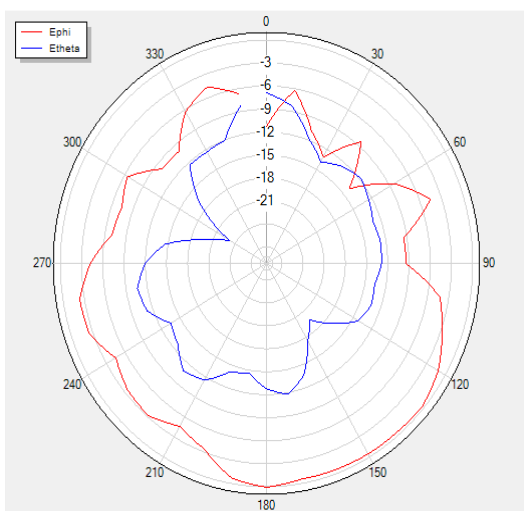
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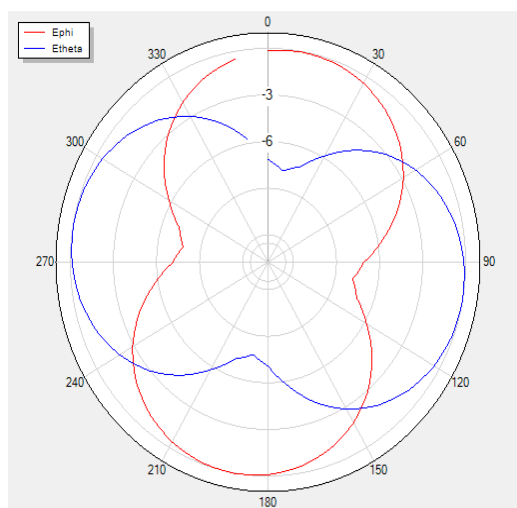
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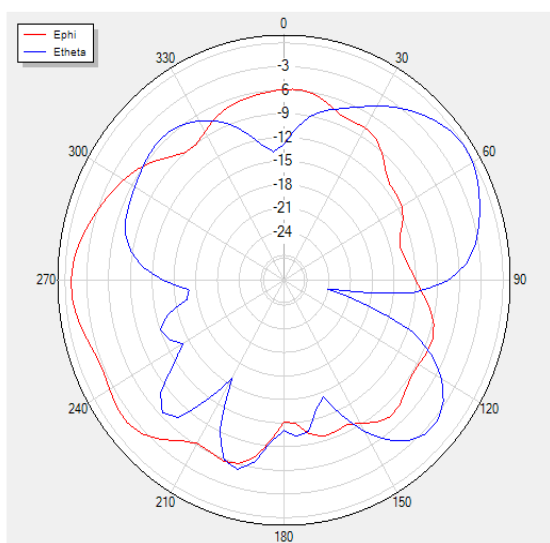
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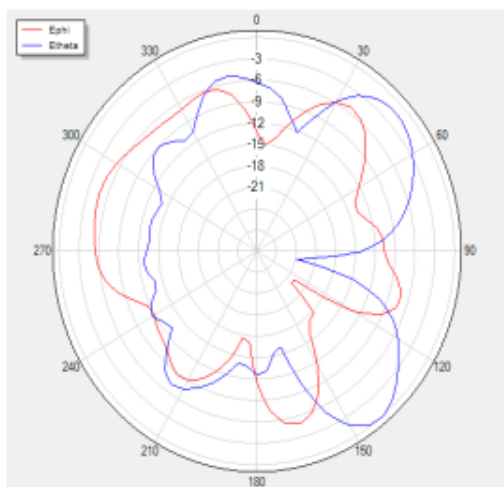
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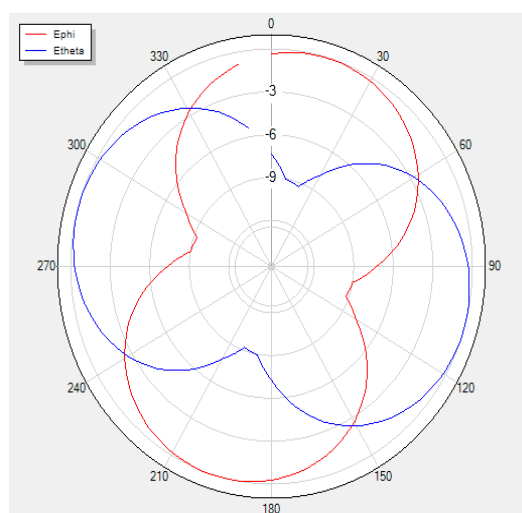
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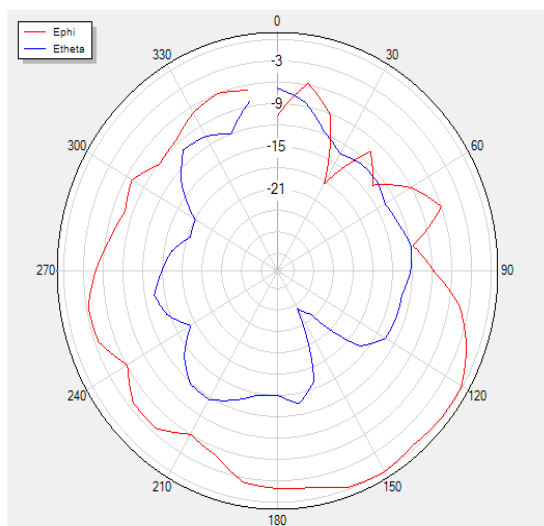
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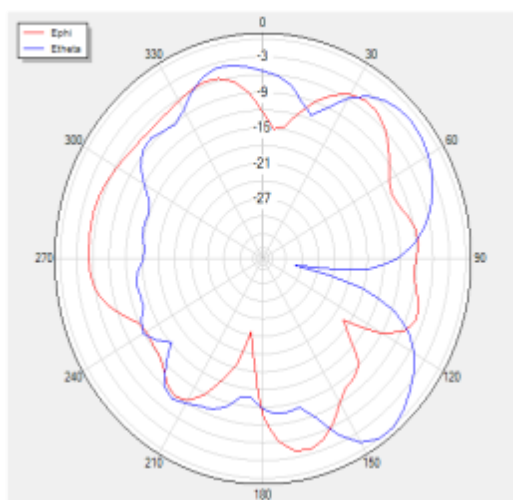
H $\Theta=0$ freq=2600MHz



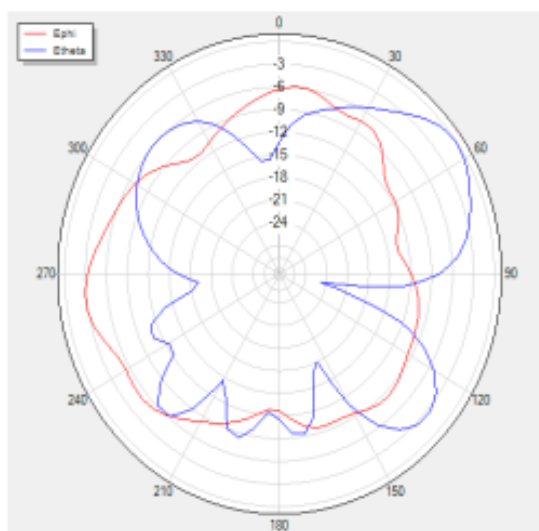
H $\Theta=90$ freq=2600MHz



V Phi=90 freq=2600MHz

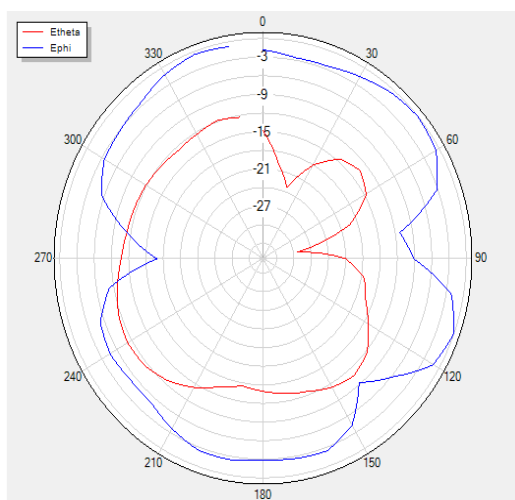


V Phi=0 freq=2600MHz

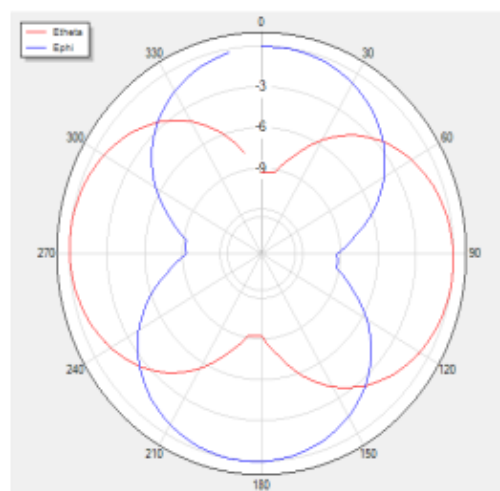


(GPS antenna) + (2.4G/5G WIFI/BT antenna) PolarGraphs

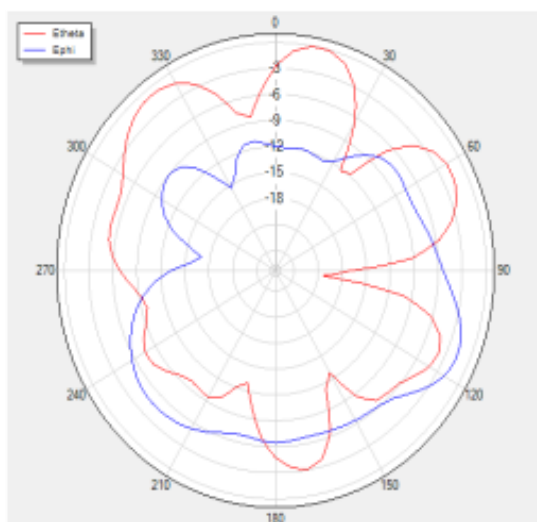
H Theta=90 freq=1575MHz



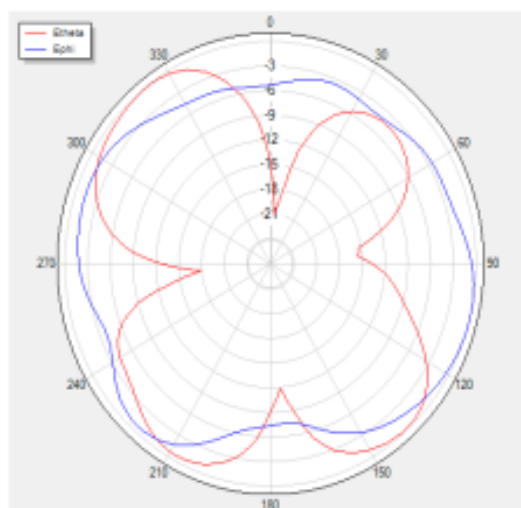
H Theta=0 freq=1575MHz



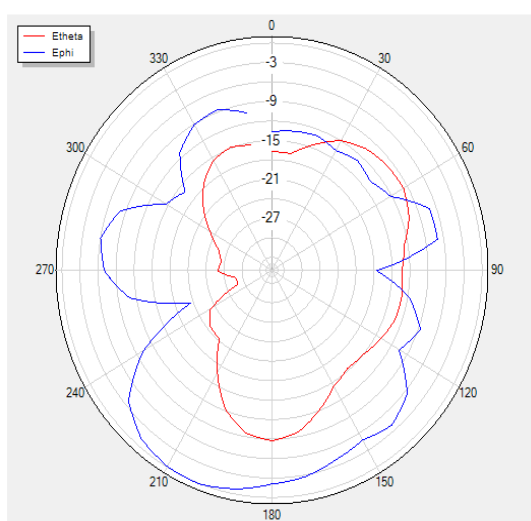
V Phi=90 freq=1575MHz



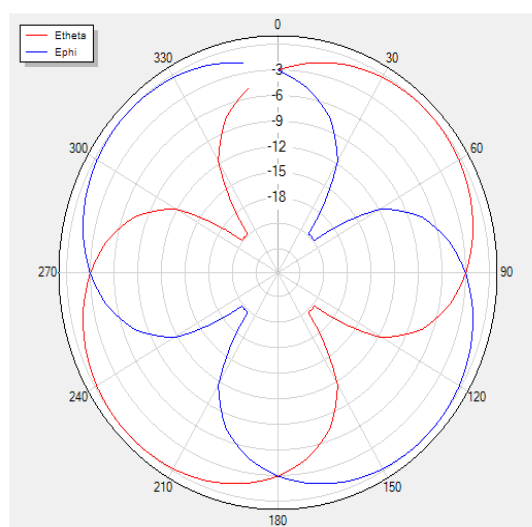
V Phi=0 freq=1575MHz



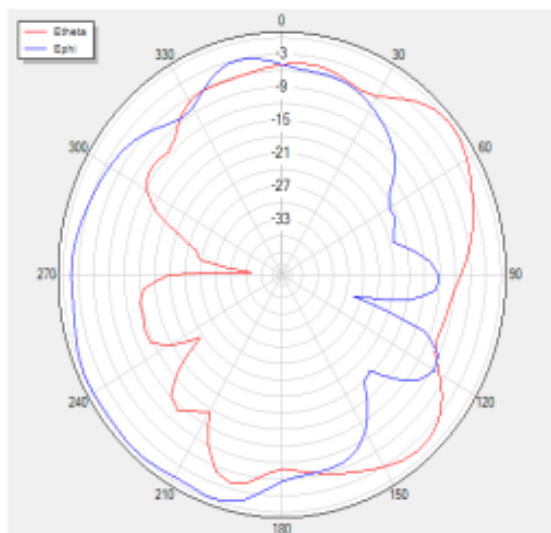
H Theta=90 freq=2400MHz



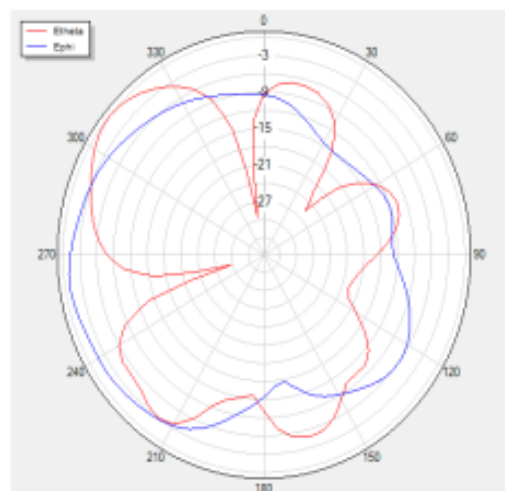
H Theta=0 freq=2400MHz



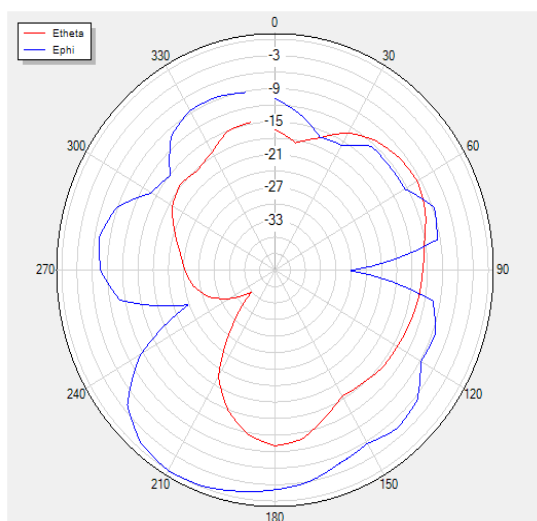
V Phi=90 freq=2400MHz



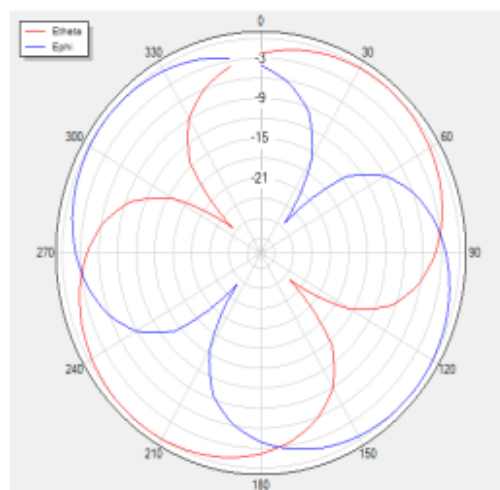
V Phi=0 freq=2400MHz



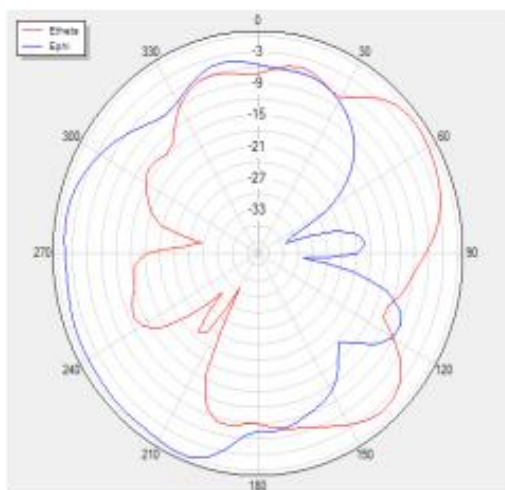
H Theta=90 freq=2450MHz



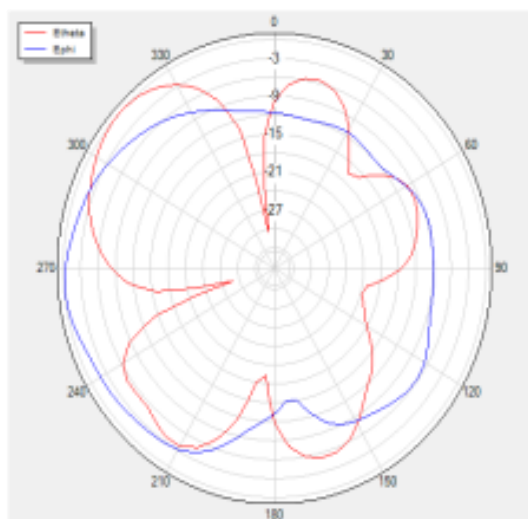
H Theta=0 freq=2450MHz



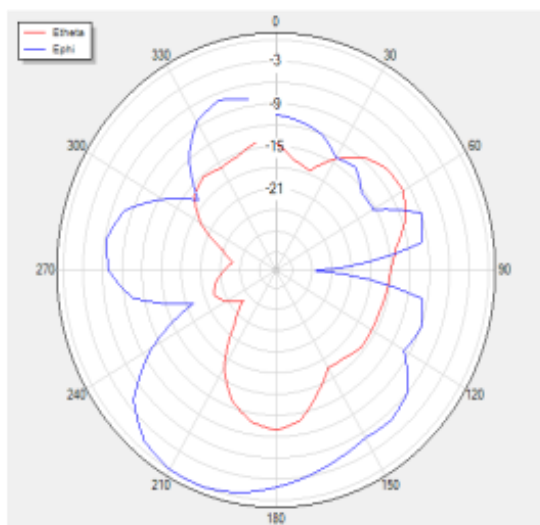
V Phi=90 freq=2450MHz



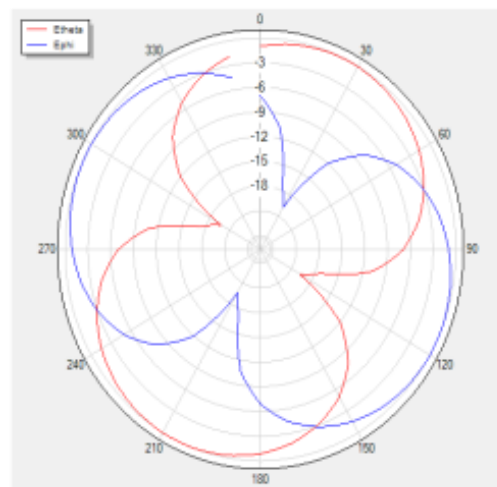
V Phi=0 freq=2450MHz



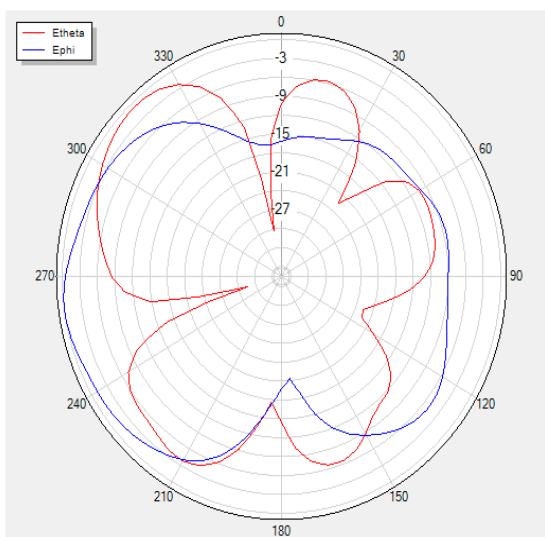
H Theta=90 freq=2500MHz



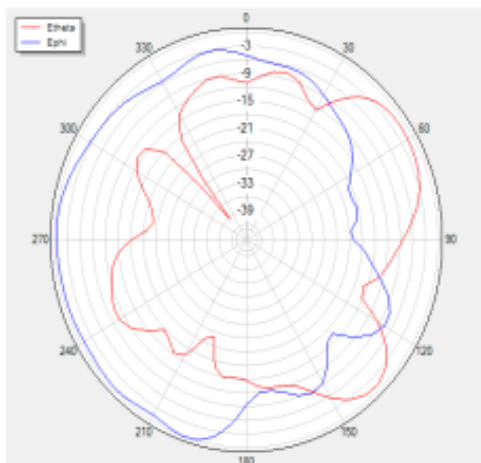
H Theta=0 freq=2500MHz



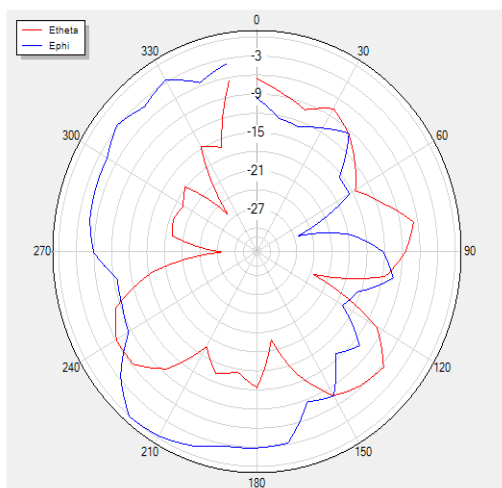
V Phi=0 freq=2500MHz



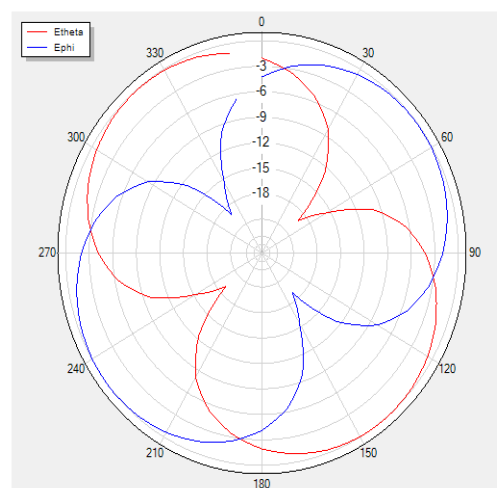
V Phi=90 freq=2500MHz



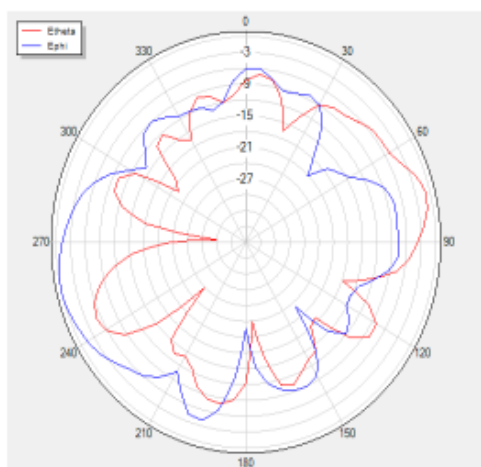
H Theta=90 freq=5200MHz



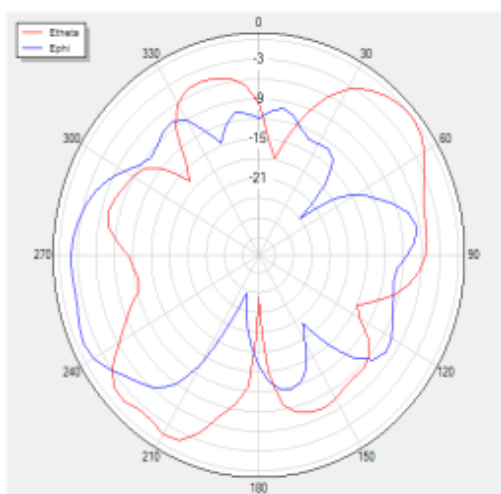
H Theta=0 freq=5200MHz



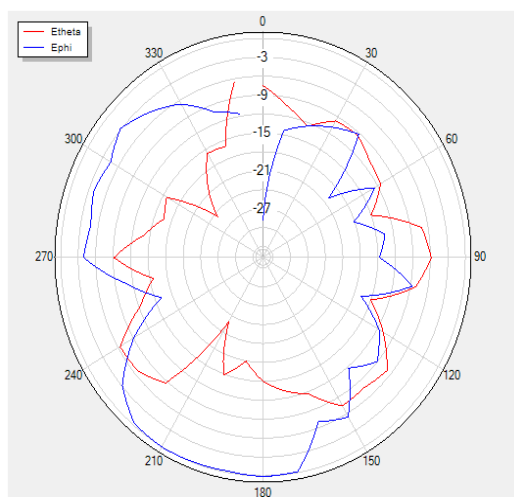
V Phi=90 freq=5200MHz



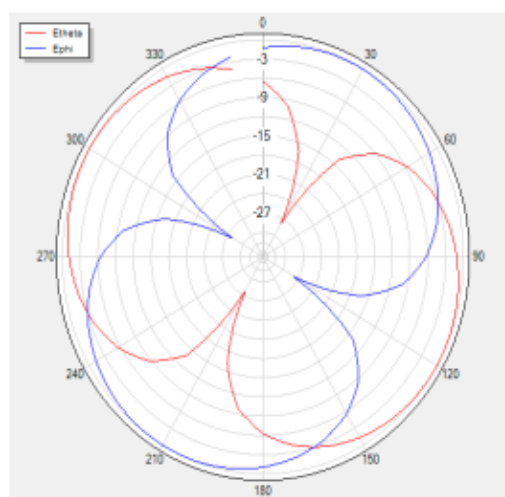
V Phi=0 freq=5200MHz



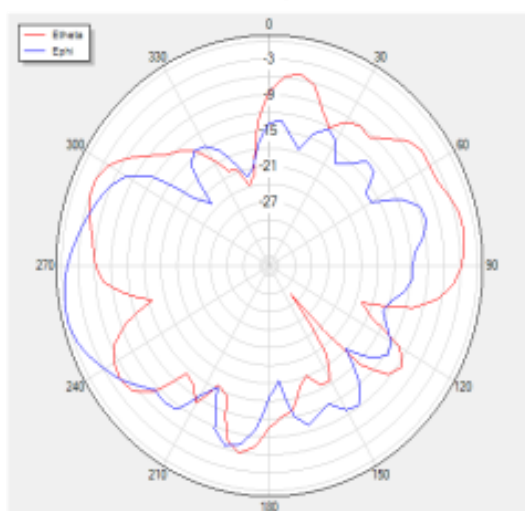
H Theta=90 freq=5400MHz



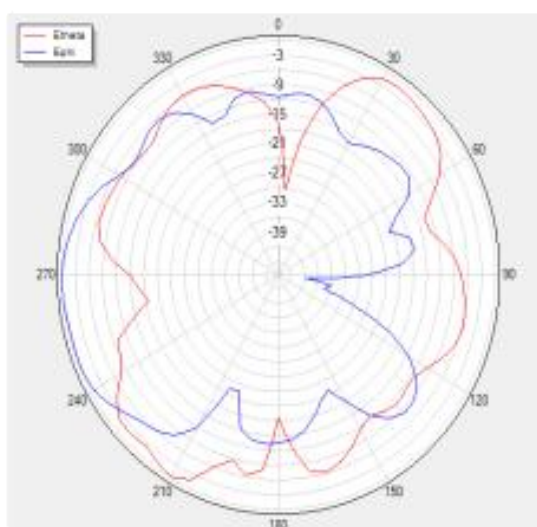
H Theta=0 freq=5400MHz



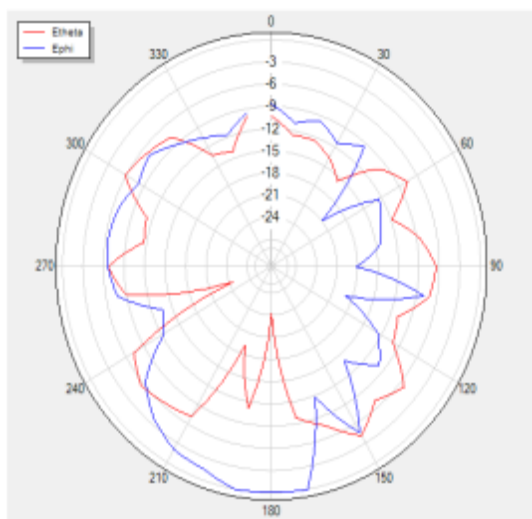
V Phi=90 freq=5400MHz



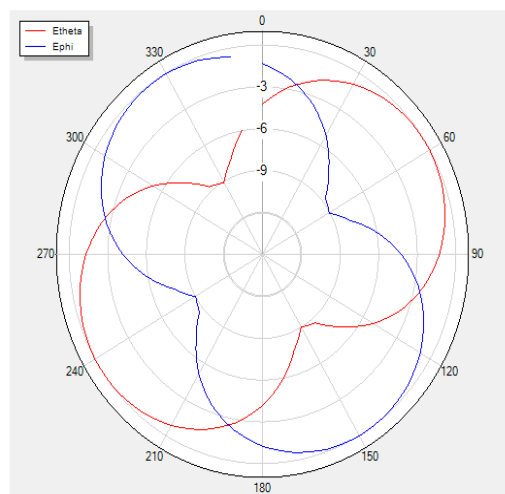
V Phi=0 freq=5400MHz



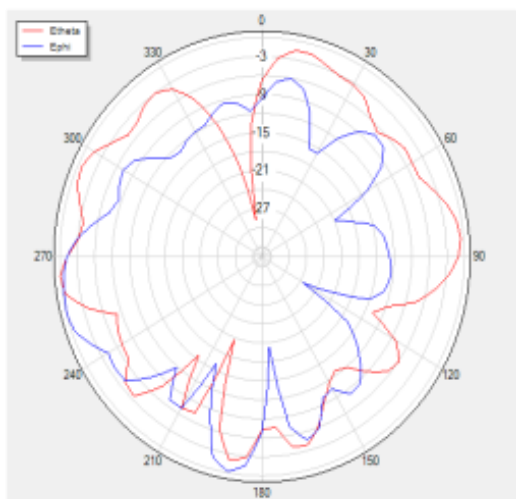
H Theta=90 freq=5800MHz



H Theta=0 freq=5800MHz



V Phi=90 freq=5800MHz



V Phi=0 freq=5800MHz

