

TX80 Antenna specification

Picture1 天线



All of Implementation antenna

MAIN:700MHz-2700MHz, DIV:700MHz-2700MHz GBW:1575.42MHz-5800MHz

o Number of antennas: (number, as well as whether they are external, internal, removable or fixed)

3 internal antennas, the position above picture1

o Brand of the antenna: (brand, unless it has no brand we will put it without brand)

Manufacturer: 3Good Wireless

TX80 TX80-FJ TX80-W/G/B

o Model of the antenna: (It is suggested to declare without model if you do not have this unless otherwise indicated)

PIFA (FPC)

o Antenna data

Manufacturer:Shandong Senter Electronic Co., Ltd.

No. 18 Liuyishan Rd, New & Hi-Tech Area, Zibo, Shandong, China

天线有源数据

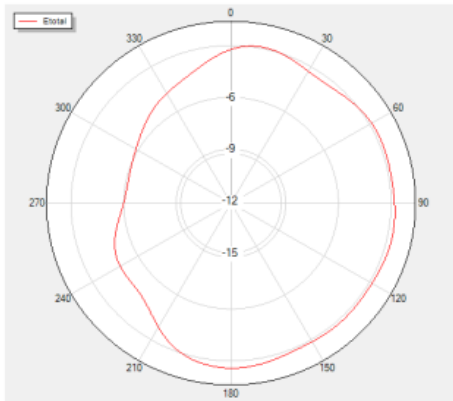
2G	CH	TRP	CH	TIS	2G	CH	TRP	CH	TIS
GSM850	128	27.89			DCS1800	512	24.89		
	190	27.65				698	25.67		
	251	27.41	128	-102.31		885	25.42	885	-102.56
EGSM900	1	27.67			PCS1900	512	25.46		
	62	27.34				661	25.61		
	124	27.14	124	-102.56		810	25.34	810	-102.31
3G	CH	TRP	CH	TIS	3G	CH	TRP	CH	TIS
WCDMA1	10562	17.32			WCDMA8	2937	17.87		
	10700	17.08				3013	17.65		
	10838	16.86	10838	-103.56		3088	17.12	3088	-103.78
WCDMA5	4357	17.56							
	4408	17.67							
	4458	17.86	4458	-102.87					
4G	CH	TRP	CH	TIS	4G	CH	TRP	CH	TIS
FDD-B1	18050	17.89			FDD-B28	27260	16.17		
	18300	17.67				27410	16.87		
	18550	17.54	550	-93.54		27435	16.91		
FDD-B3	19250	17.56			FDD-B28	27510	17.15		
	19575	18.12				27610	16.52	9610	-88.54
	19900	18.34	1900	-92.11					
FDD-B5	20450	17.83			TDD-38	37850	18.05		
	20525	17.51				38000	17.87		
	20600	17.6	2600	-89.21		38150	17.61	2610	-88.21
FDD-B7	20850	17.87			TDD-39	38350	17.87		
	21100	17.65				38450	17.56		
	21350	17.88	3400	-90.12		38550	17.94	38550	-90.11
FDD-B8	21500	17.64			TDD-40	38750	17.21		
	21625	17.84				39150	17.14		
	21750	17.11	3750	-90.12		39550	17.56	39550	-89.77
WiFi A (54M亮屏)	36	10.34	36	-69.87	TDD-41	40140	18.21		
	149	9.87	149	-69.67		40620	18.34		
	165	9.67	165	-69.42		41140	18.54	41140	-88.34
WIFI B(11M 亮屏)	1	11.34	1	-79.68					
	7	11.89	7	-80.12					
	13	11.41	13	-80.37					

Antenna gain: (dBi)

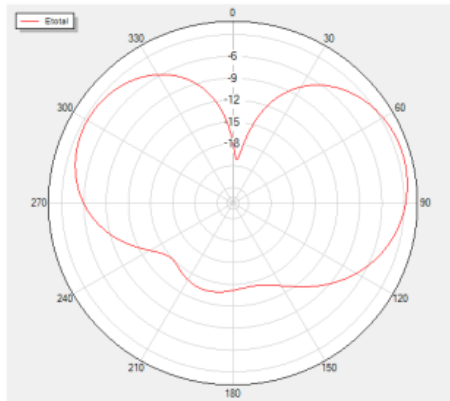
2G	CH	Gain(dBi)	2G	CH	Gain(dBi)
GSM850	128		DCS1800	512	
	190	-1.5		698	-1
	251			885	
EGSM900	1		PCS1900	512	
	62	-1.5		661	-1
	124			810	
3G	CH	Gain(dBi)	3G	CH	Gain(dBi)
WCDMA1			WCDMA5	4357	
	9750	-1		4408	-1.5
				4458	
WCDMA8	2712		FDD-B1(10M)	19250	
	2788	-1.5		19575	-1
	2863				
FDD-B3(10M)	19250		FDD-B28(10M)	27260	
	19575	-1		27410	-2.5
	19900			27435	
FDD-B5(10M)	20450		FDD-B28(10M)	27510	
	20525	-1.5		27610	-2.5
	20600				
FDD-B7(10M)	20850		TDD-38(20M)	37850	
	21100	0.5		38000	0.5
	21350			38150	
FDD-B8(10M)	21500		TDD-39(20M)	38350	
	21625	-1.5		38450	-1
				38550	
FDD-B20(10M)	24200		TDD-40(20M)	38750	
	24300	-1.5		39150	0.5
	24400				
	21750			39550	
wifi a (54M)	36		TDD-41(20M)	40340	
	149	1		40620	0.5
	165			41140	
wifi B (11M)	1		BT		
	7	-0.5		7	-0.5
	13				

3D_Graphs GSM850

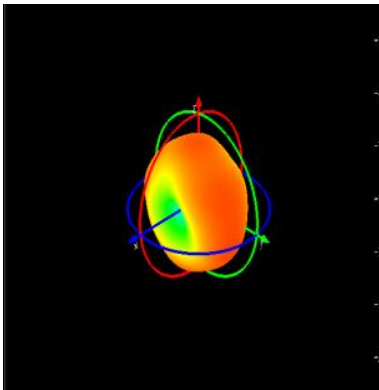
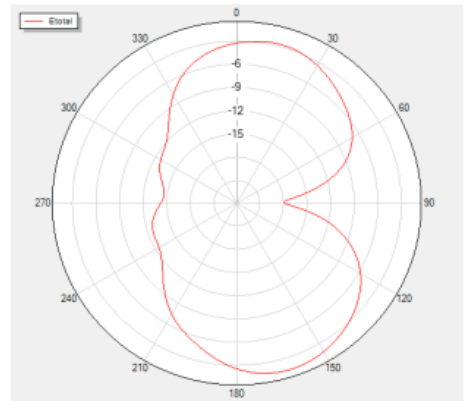
Phi=90 Freq=850MHz



Theta=90 Freq=850MHz

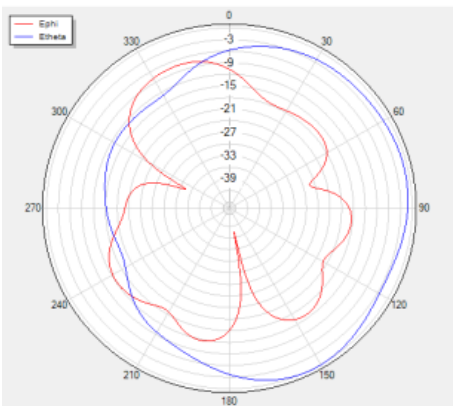


Phi=0 Freq=850MHz

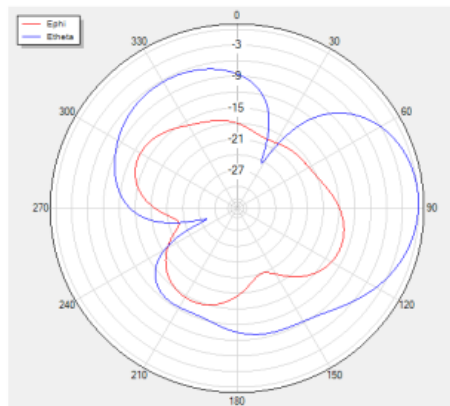


EGSM900

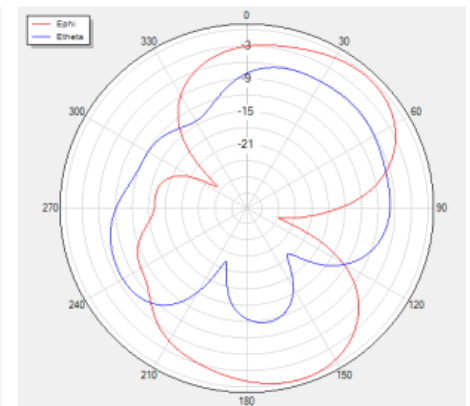
Phi=90 freq=910MHz

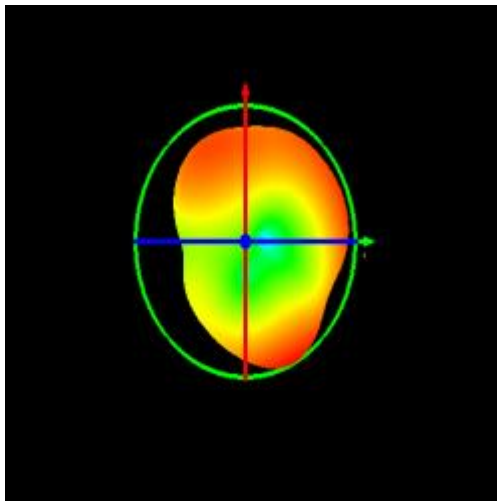


Theta=90 freq=910MHz

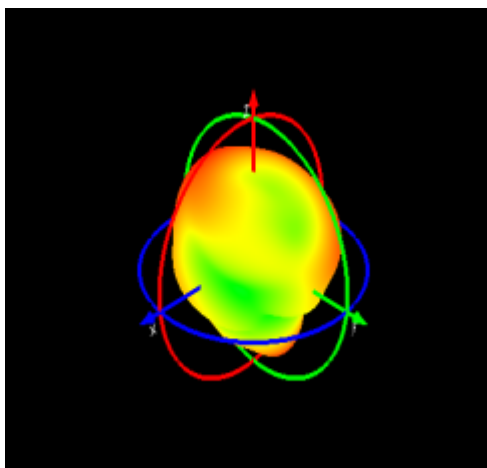
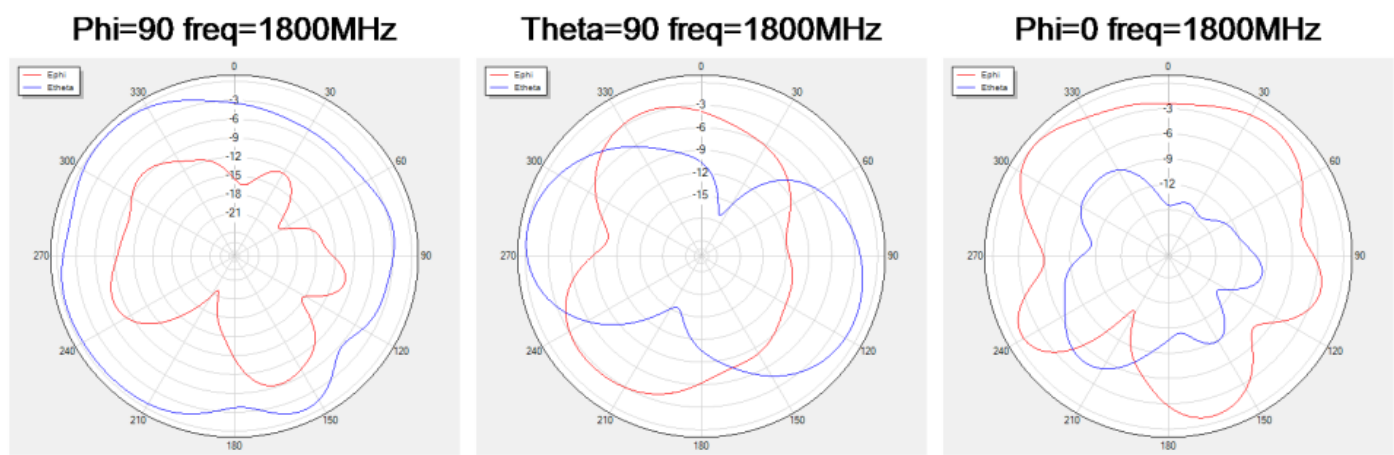


Phi=0 freq=910MHz



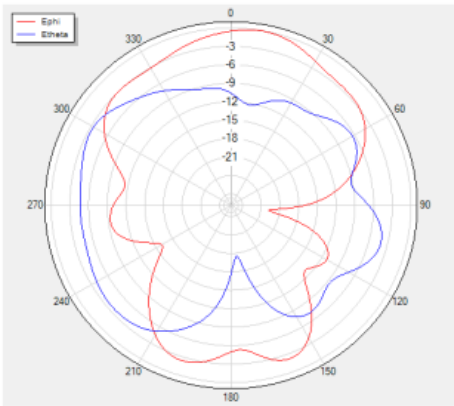


DCS1800

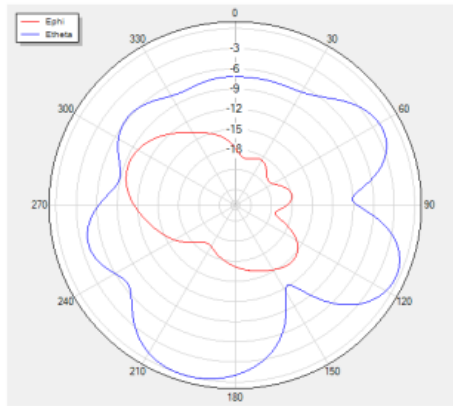


PCS1900

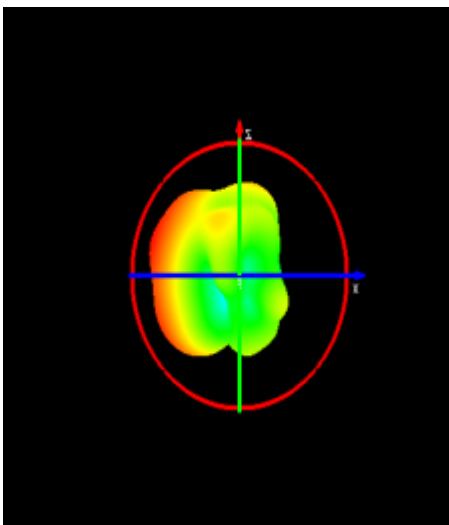
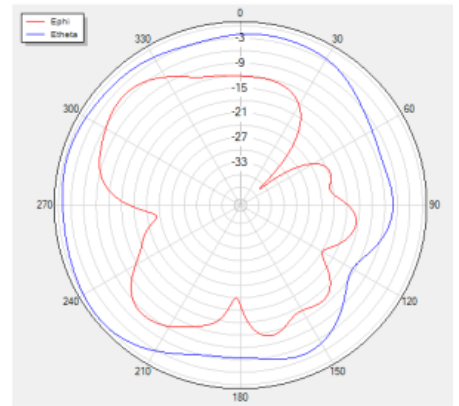
Phi=90 freq=1860MHz



Theta=90 freq=1860MHz

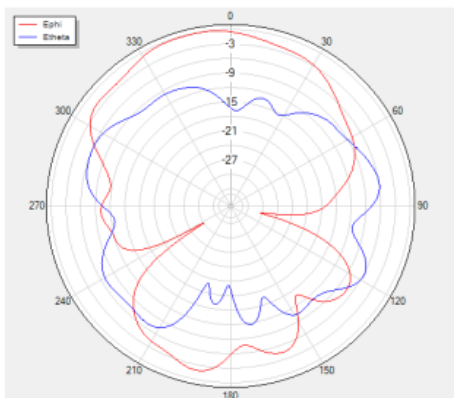


Phi=0 freq=1860MHz

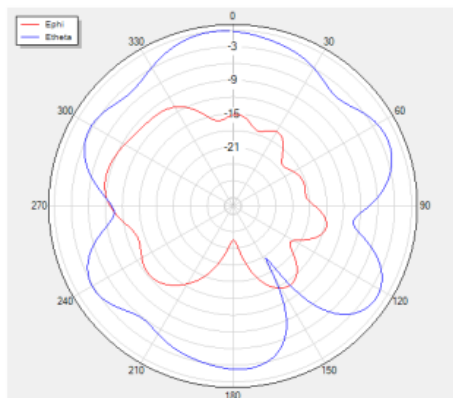


WCDMA1

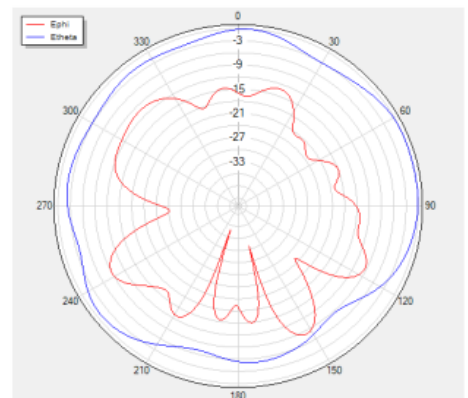
Phi=90 freq=2100MHz

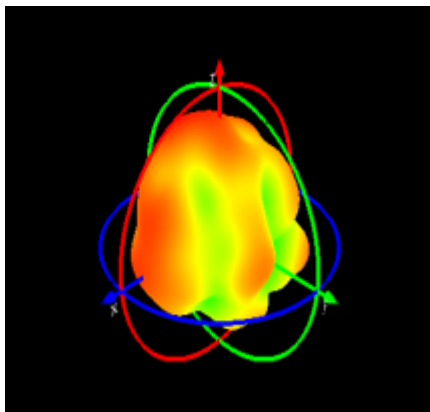


Theta=90 freq=2100MHz



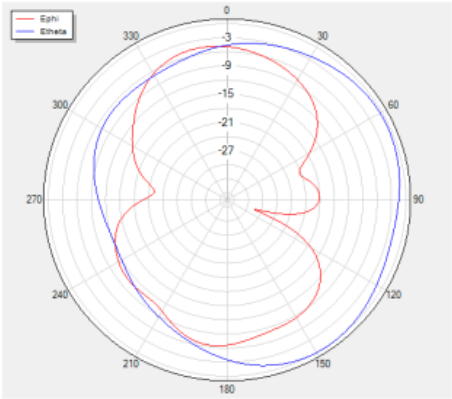
Phi=0 freq=2100MHz



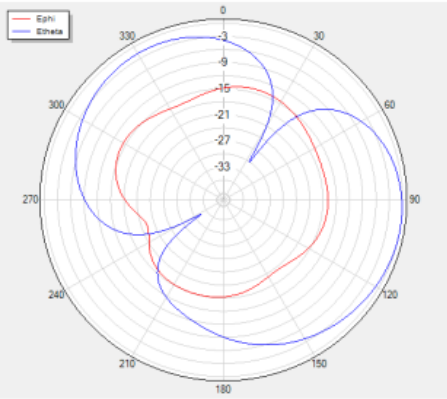


WCDMA5

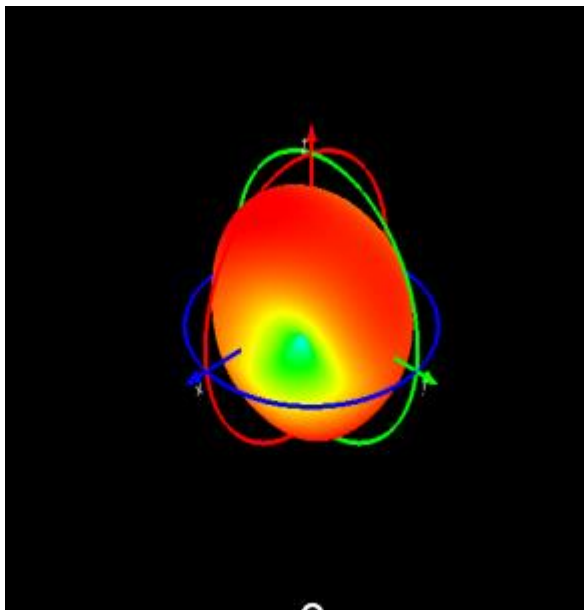
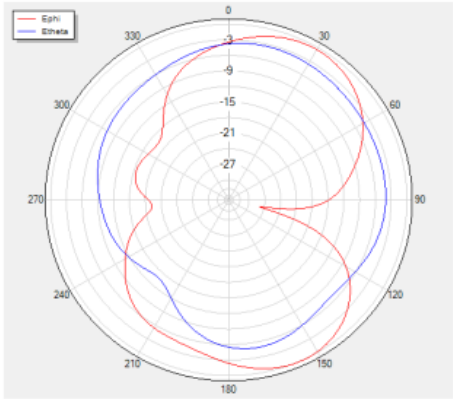
Phi=90 freq=840MHz



Theta=90 freq=840MHz

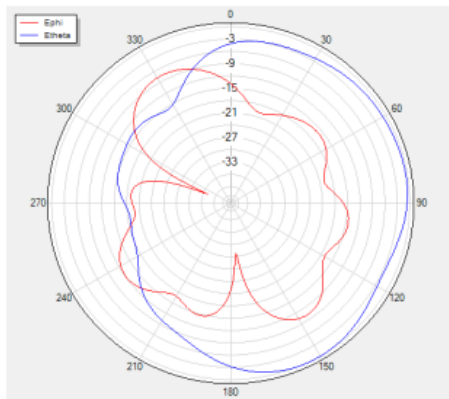


Phi=0 freq=840MHz

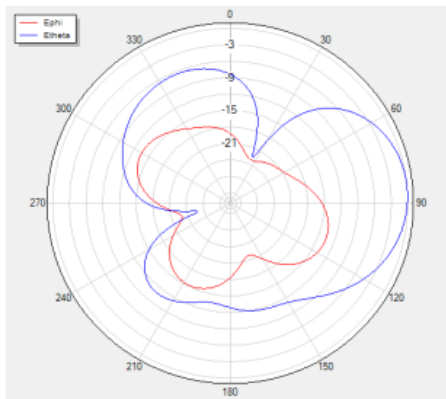


WCDMA8

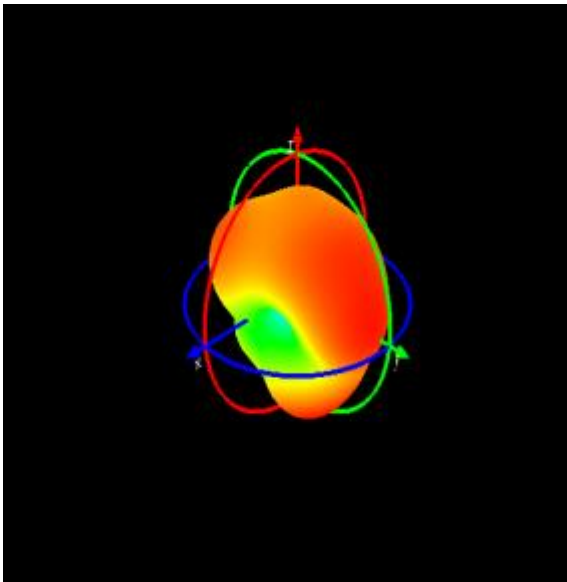
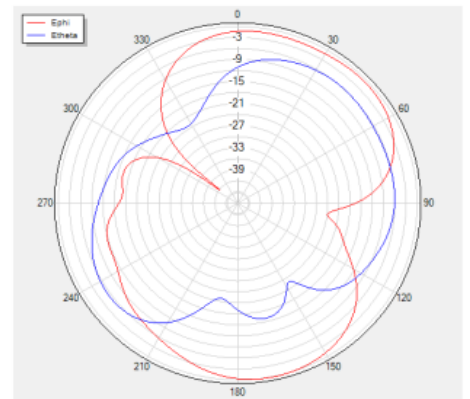
Phi=90 freq=930MHz



Theta=90 freq=930MHz

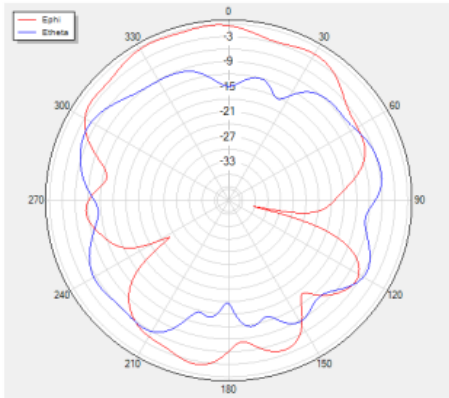


Phi=0 freq=930MHz

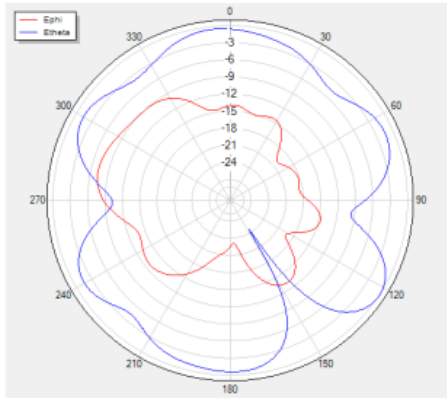


LTE B1

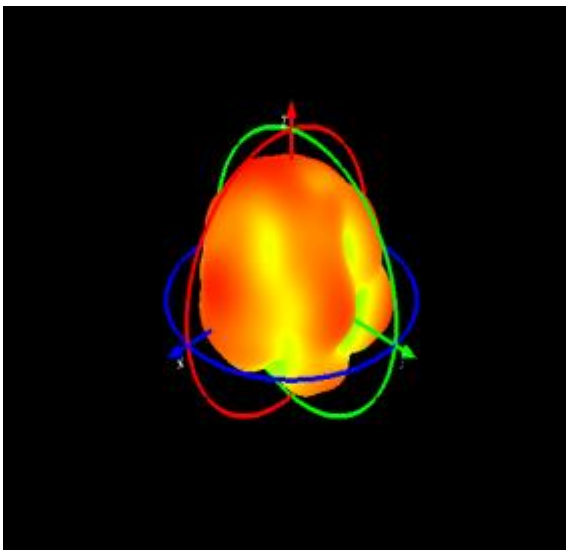
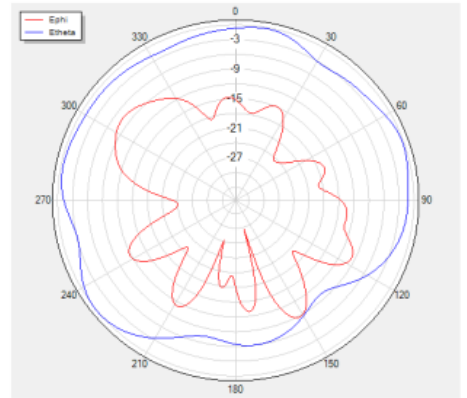
Phi=90 freq=2060MHz



Theta=90 freq=2060MHz

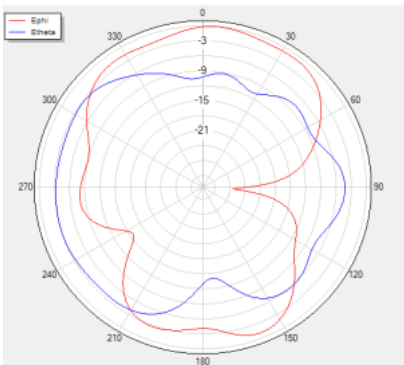


Phi=0 freq=2060MHz

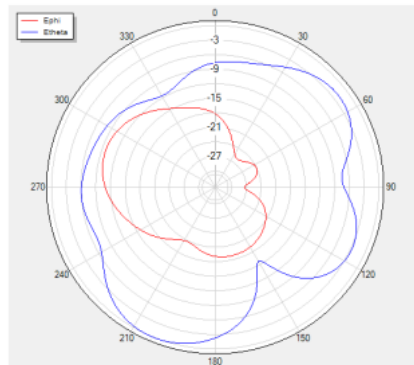


LTE B3

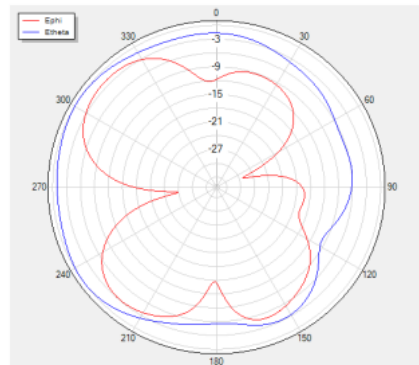
Phi=90 freq=1730MHz

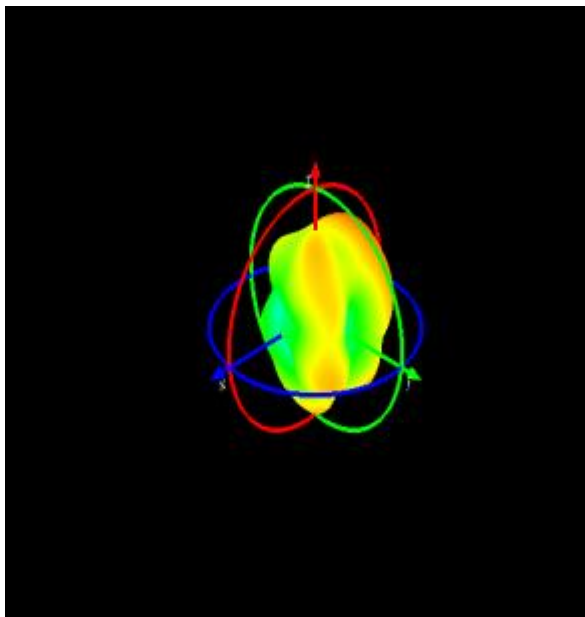


Theta=90 freq=1730MHz

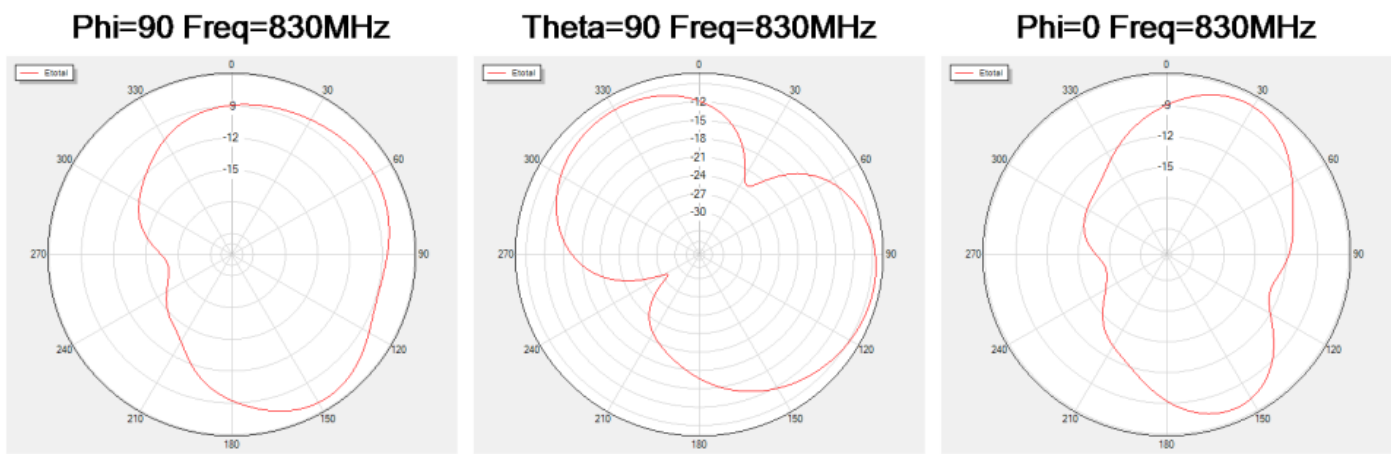


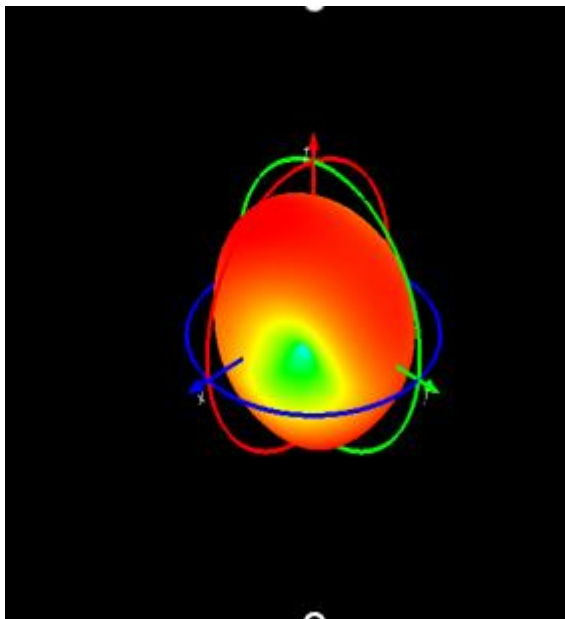
Phi=0 freq=1730MHz



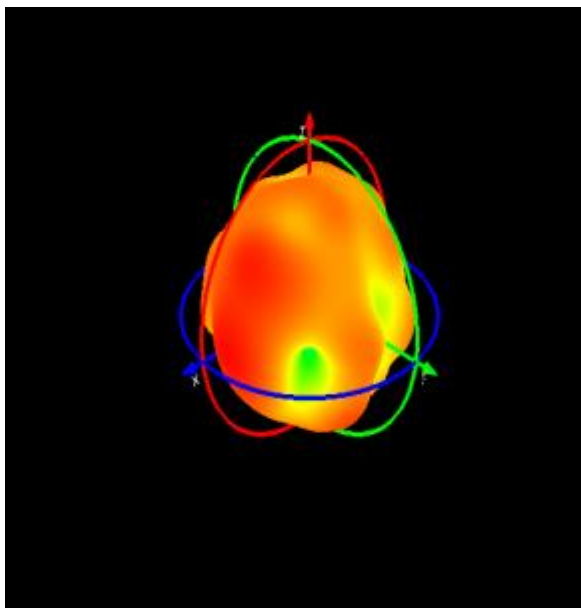
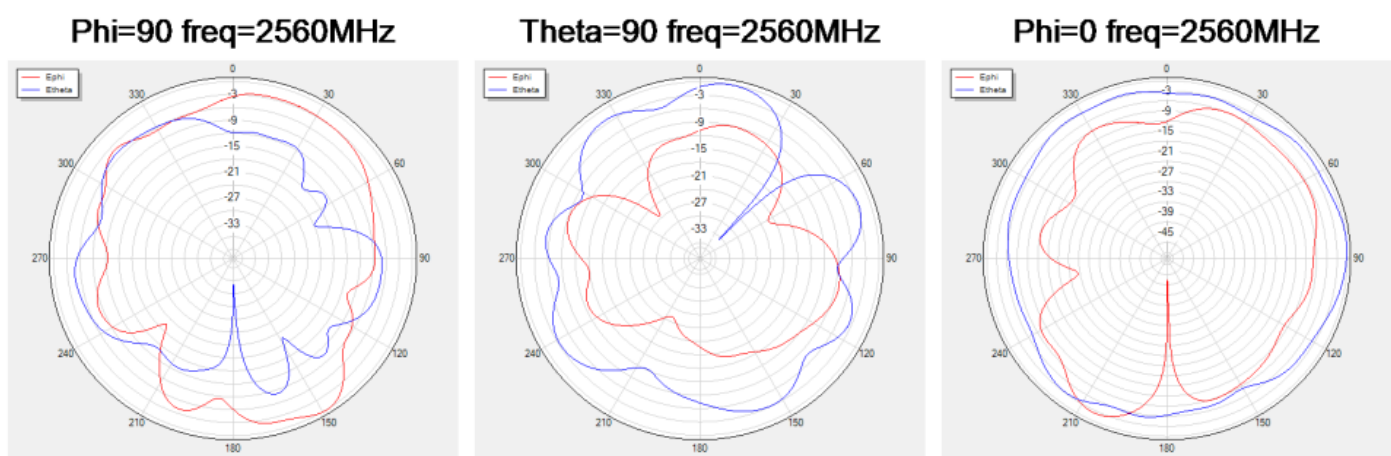


LTE B5



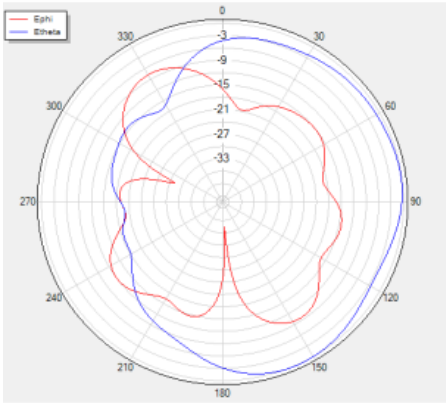


LTE B7

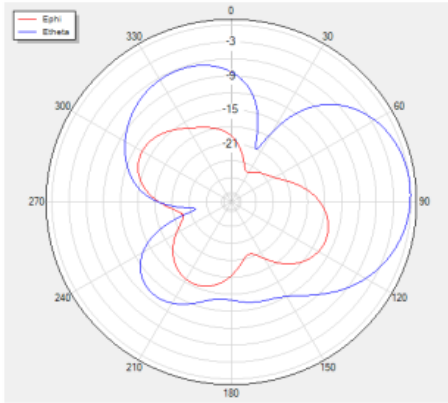


LTE B8

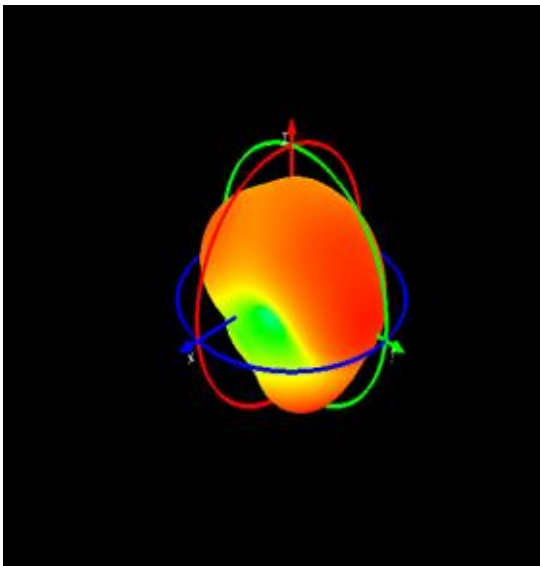
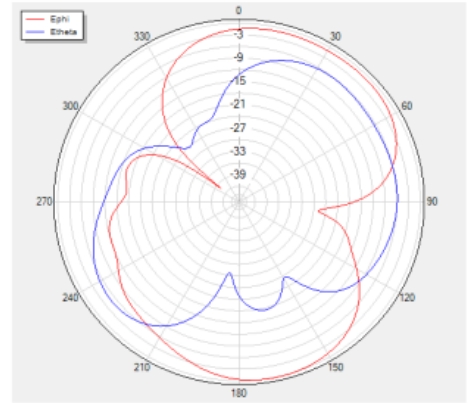
Phi=90 freq=940MHz



Theta=90 freq=940MHz

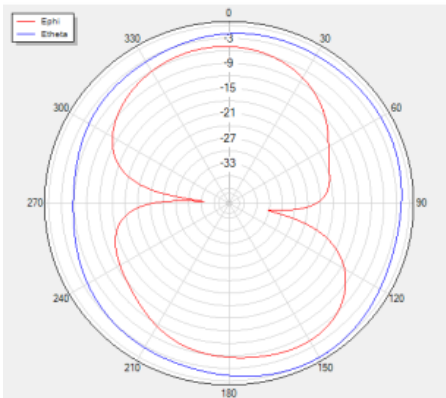


Phi=0 freq=940MHz

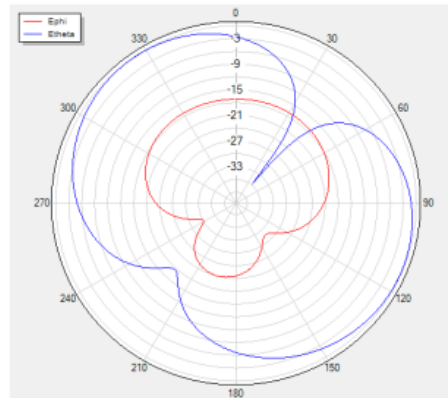


TE B28

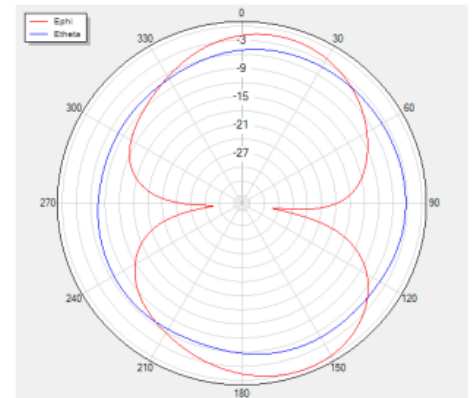
Phi=90 freq=750MHz

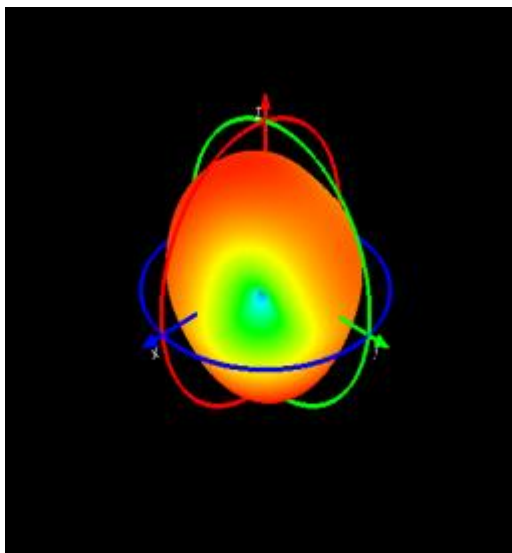


Theta=90 freq=750MHz

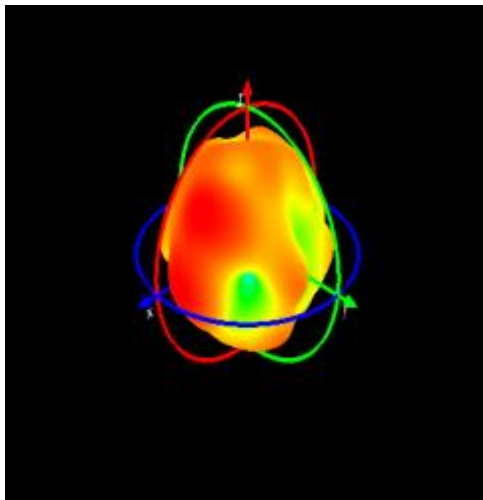
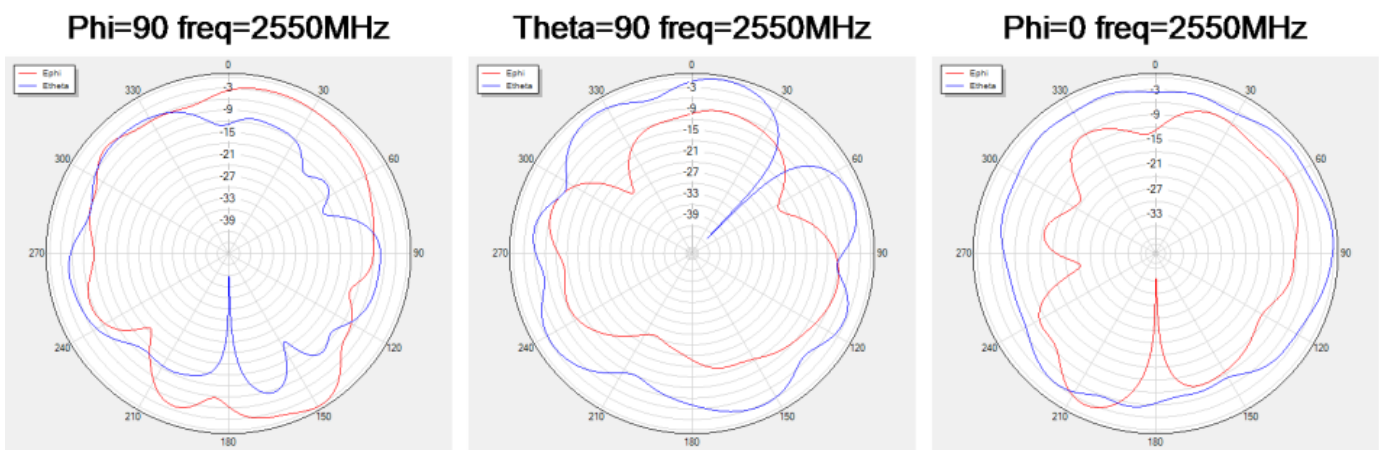


Phi=0 freq=750MHz



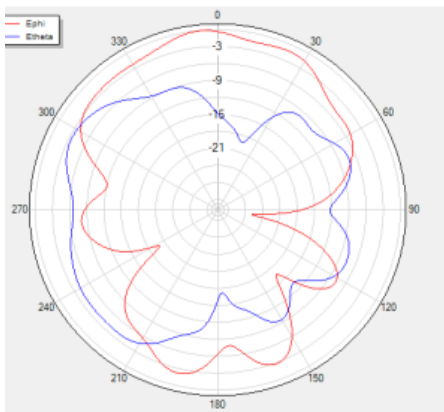


LTE B38

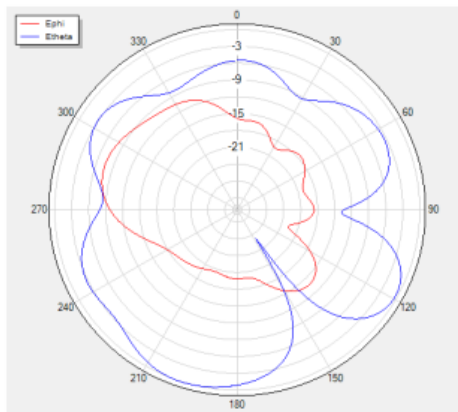


LTE B39

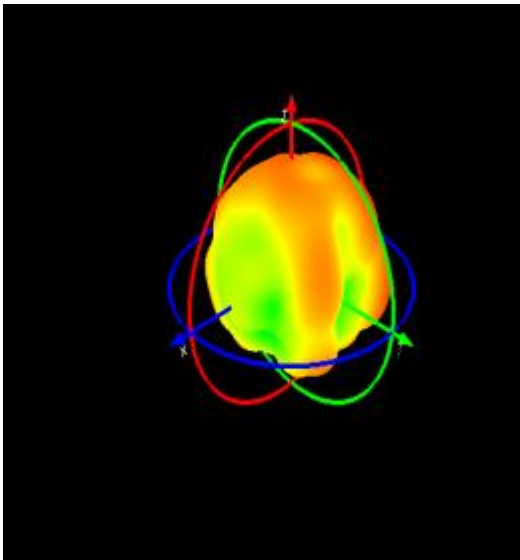
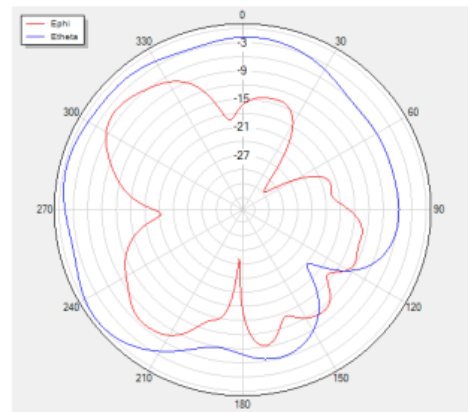
Phi=90 freq=1950MHz



Theta=90 freq=1950MHz

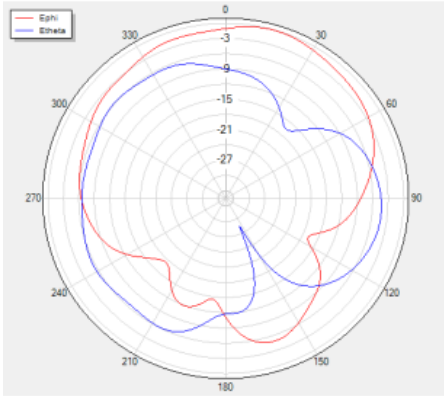


Phi=0 freq=1950MHz

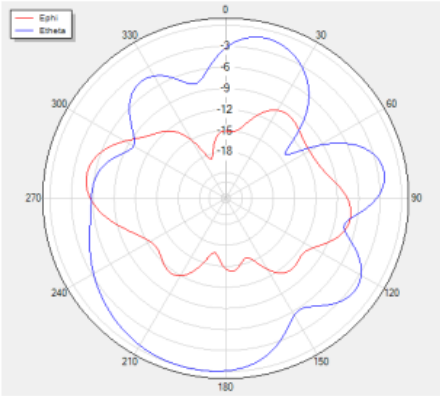


LTE B40

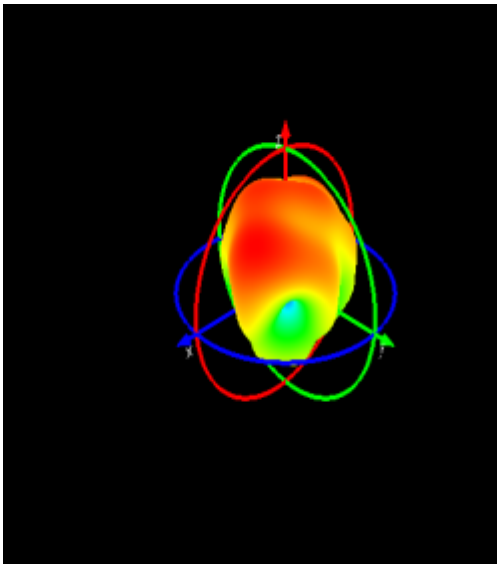
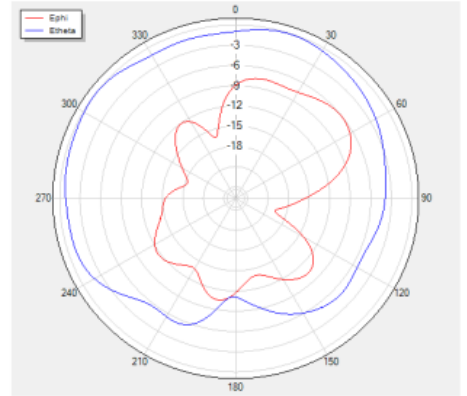
Phi=90 freq=2360MHz



Theta=90 freq=2360MHz

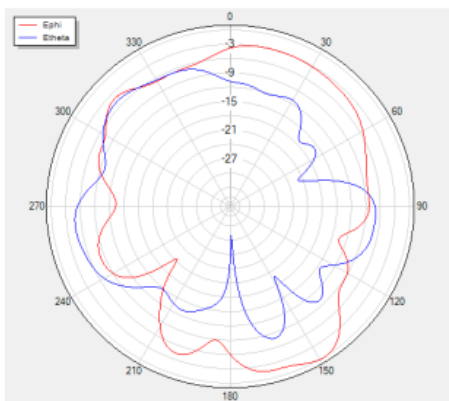


Phi=0 freq=2360MHz

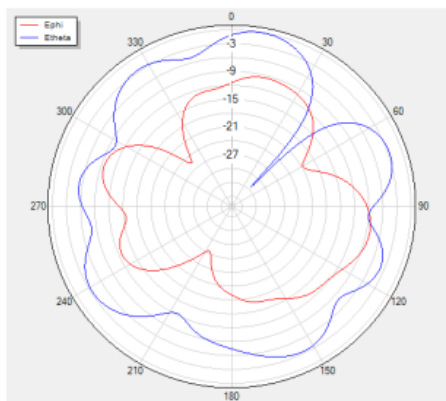


LTE B41

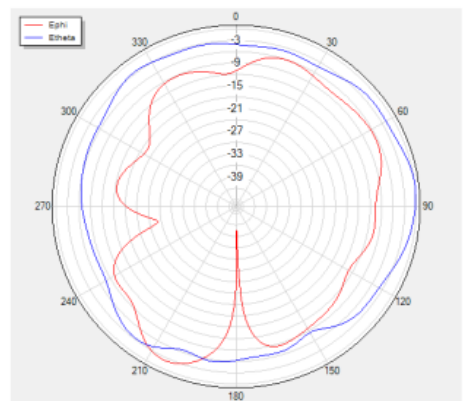
Phi=90 freq=2570MHz

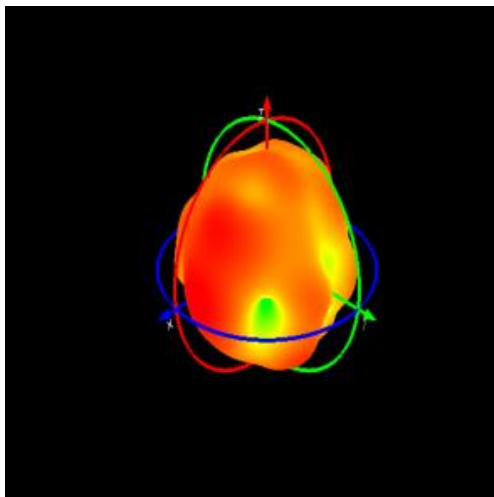


Theta=90 freq=2570MHz

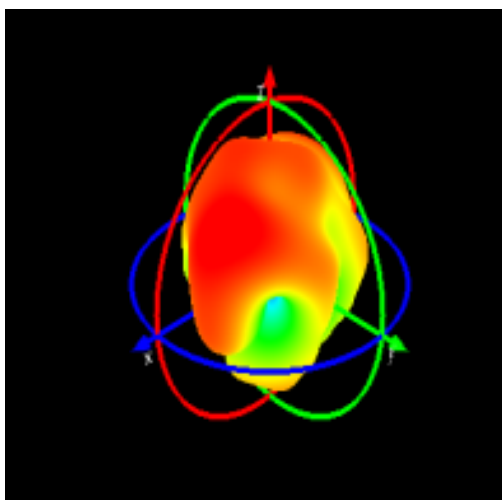
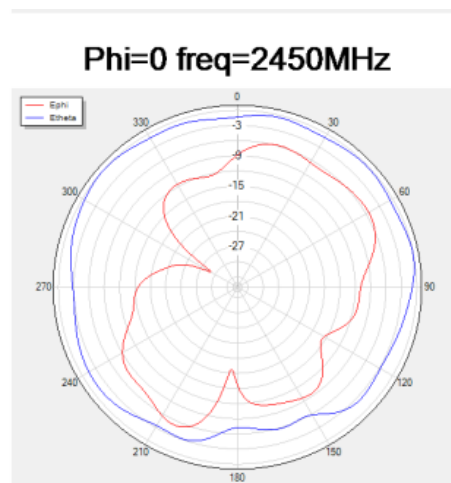
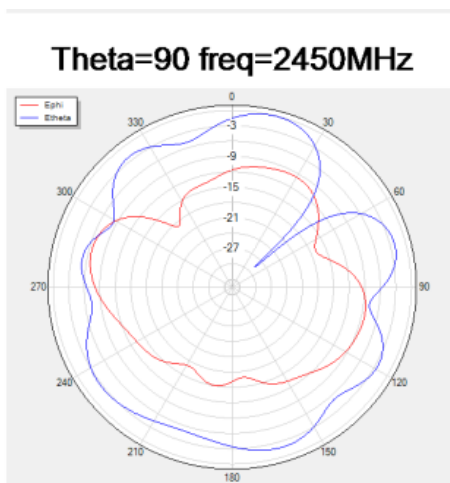
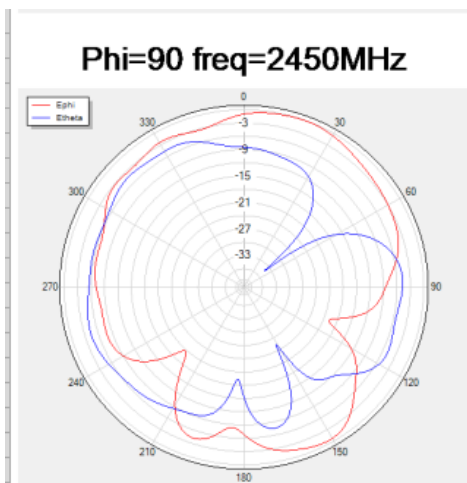


Phi=0 freq=2570MHz



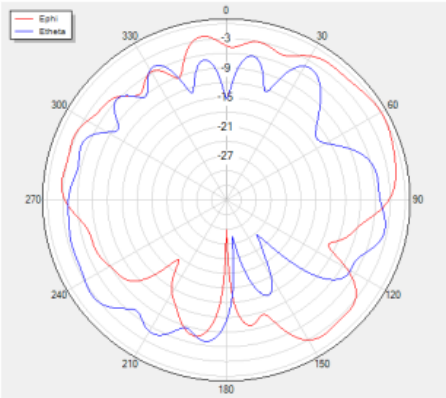


WiFi/BT2400MHz

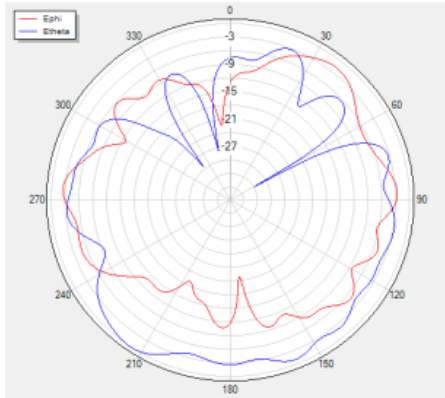


Wifi 5800 MHz

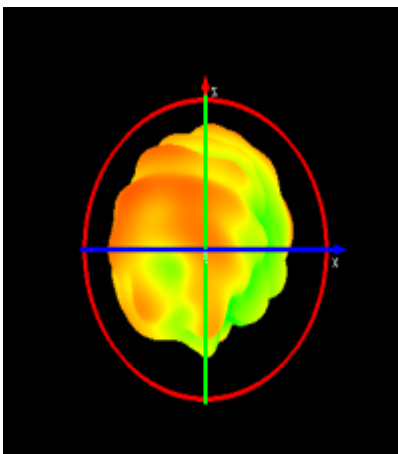
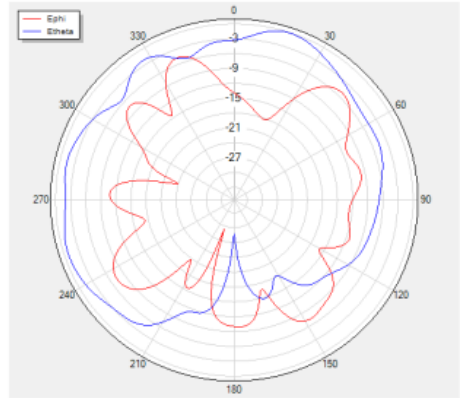
Phi=90 freq=5740MHz



Theta=90 freq=5740MHz

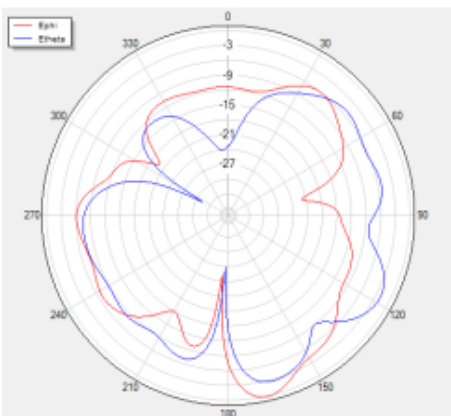


Phi=0 freq=5740MHz

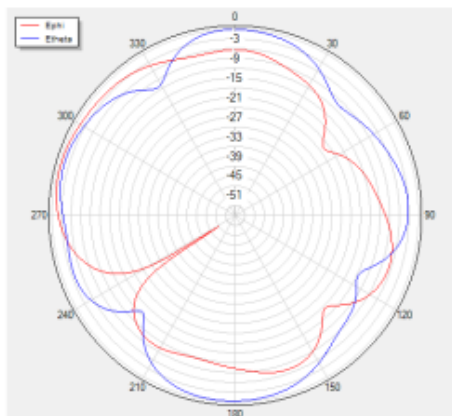


GPS

Phi=90 freq=1570MHz



Theta=90 freq=1570MHz



Phi=0 freq=1570MHz

