



深圳市德仕勤科技有限公司

Doshing MicroElectronics Co., Ltd

Address: Room 403, West Tower, Building 2, Minqi Science and
Technology Park, Xili University Town, Nanshan District,
Shenzhen

DOSKING Antenna Specification

Project Name TE850

Band GSM:2.3.5.8/BC0/BC1

WCDMA:1.2.4.5.8

LTE:B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/

26/28/34/38/39/40/41/66

ANT GPS/WIFI/BT

Version V1.0

1 : OTA :

Model : TE850				ANT : PIFA							Unit : dBm	
CH	GSM850			GSM900			DCS1800			PCS1900		
	CH128	CH192	CH251	CH1	CH62	CH124	CH512	CH698	CH885	CH512	CH661	CH810
TRP	27.43	27.12	27.35	28.12	27.81	27.33	24.34	24.8	25.16	25.35	24.41	24.08
TIS			-103.58			-102.67			-103.36			-102.55
CH	WCDMA-2100			WCDMA-1900			WCDMA-1700			WCDMA-850		
	CH10562	CH10700	CH10838	CH9938	CH9662	CH9800	CH1537	CH1637	CH1738	CH4357	CH4408	CH4458
TRP	18.0	17.72	16.58	18.97	18.09	16.9	17.57	17.41	17.96	18.75	18.79	18.77
TIS			-104.41			-102.29			-101.51			-103.37
CH	WCDMA-900			BC0			BC1					
	CH2937	CH3013	CH3083	CH283	CH384	CH777	CH25	CH525	CH925			
TRP	18.14	18.07	17.89									
TIS			-103.52									

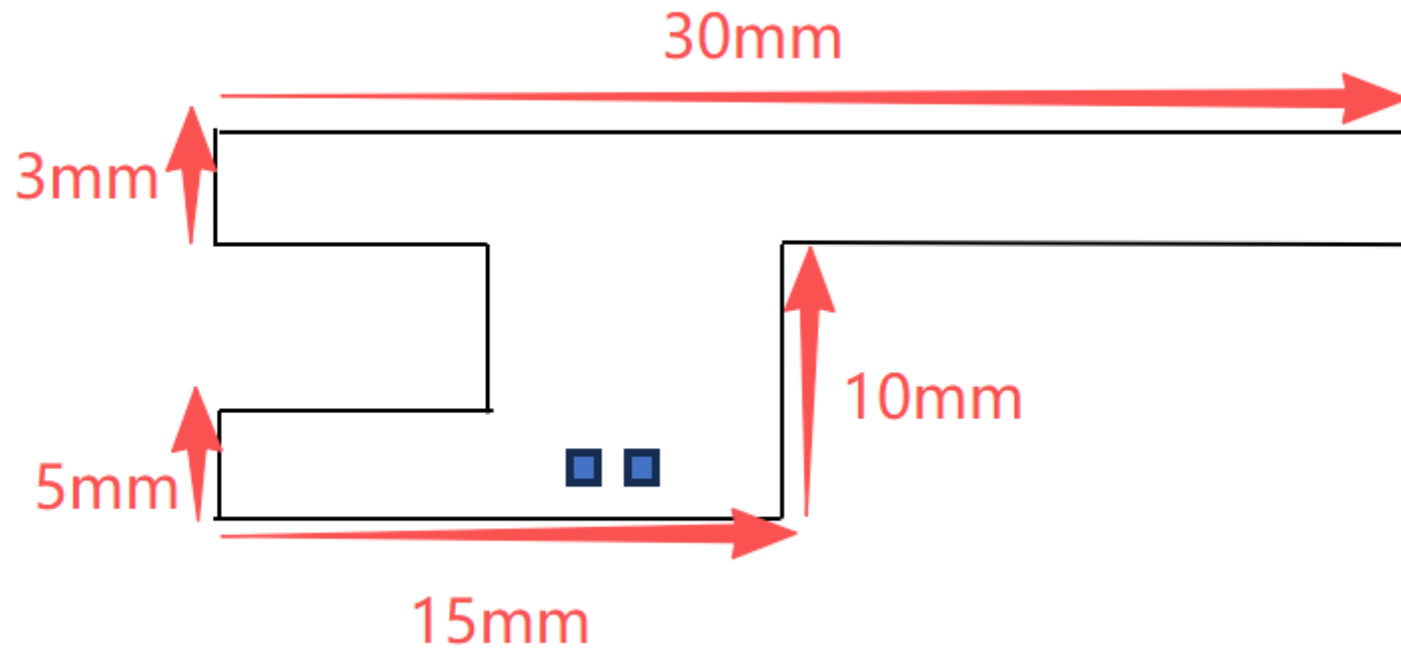
CH	LTE-FDD-B1			LTE-FDD-B2			LTE-FDD-B3			LTE-FDD-B4		
	CH18050	CH18300	CH18550	CH18650	CH18900	CH19150	CH19250	CH19575	CH19900	CH20000	CH20175	CH20350
TRP	17.17	16.54	16.28	19.37	18.7	17.28	16.88	17.37	18.42	16.67	17.05	17.3
TIS			-93.77			-91.09			-92.33			-92.99
CH	LTE-FDD-B5			LTE-FDD-B7			LTE-FDD-B8			LTE-FDD-B12		
	CH20450	CH20525	CH20600	CH20800	CH21100	CH21400	CH21500	CH21625	CH21750	CH23060	CH23095	CH23130
TRP	18.89	18.99	18.44	18.03	17.41	16.76	18.33	18.11	17.56	17.32	17.75	17.58
TIS			-93.86			-91.28			-92.25			-92.31
CH	LTE-FDD-B13			LTE-FDD-B14			LTE-FDD-B17			LTE-FDD-B18		
		CH23230			CH23230		CH23780	CH23790	CH23800	CH23900	CH23925	CH23950
TRP		18.46			18.74		17.59	17.55	17.83	18.6	18.86	19.03
TIS		-92.38			-92.84				-92.12			-93.83

CH	LTE-FDD-B19			LTE-FDD-B20			LTE-FDD-B25			LTE-FDD-B26		
	CH24050	CH24075	CH24100	CH24200	CH24300	CH24400	CH26090	CH26365	CH06640	CH26740	CH26865	CH26990
TRP	18.27	18.28	18.17	18.54	18.17	18.03	18.11	18.28	16.85	18.05	18.04	17.9
TIS			-93.69			-93.56			-91.11			-93.14
CH	LTE-FDD-B28A			LTE-FDD-B28B			LTE-TDD-B34			LTE-TDD-B38		
	CH27260	CH27435	CH27610	CH27260	CH27435	CH27610	CH36250	CH36275	CH36300	CH37850	CH38000	CH38150
TRP	17.77	17.84	17.86	17.69	17.89	18.03	16.66	16.75	16.96	18.89	17.63	17.47
TIS			-91.75			-91.63			-91.73			-91.31
CH	LTE-TDD-B39			LTE-TDD-B40			LTE-TDD-B41			LTE-FDD-B66		
	CH38350	CH38450	CH38550	CH38750	CH39150	CH39550	CH40340	CH40620	CH41140	CH132022	CH132322	CH132622
TRP	18.29	17.38	16.65	18.13	18.06	18.24	19.24	18.18	17.23	16.6	17.0	17.57
TIS			-92.15			-91.8			-89.92			-93.0

WiFi:

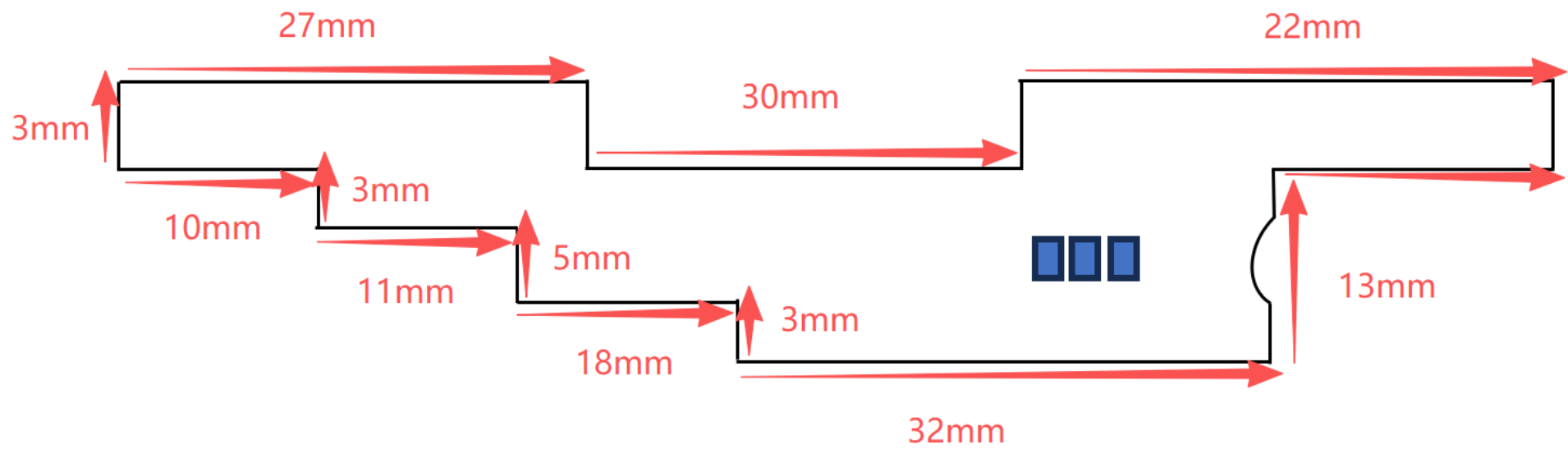
CH	2.4(11b)			5.8(11a)		
	CH1	CH6	CH11	CH36	CH60	CH165
TRP	12.79	12.43	12.76	9.59	9.75	10.06
TIS	-84.28	-84.33	-83.0	-70.58	-70.98	-70.08

Ant Size:



BT, WIFI ANT

Ant Size:



WWAN ANT



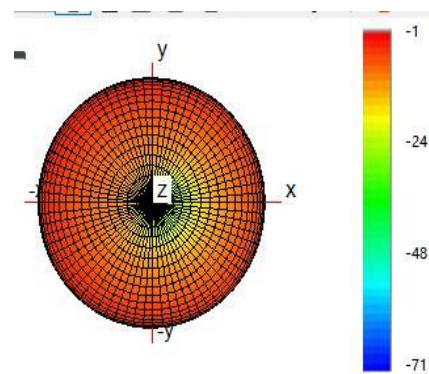
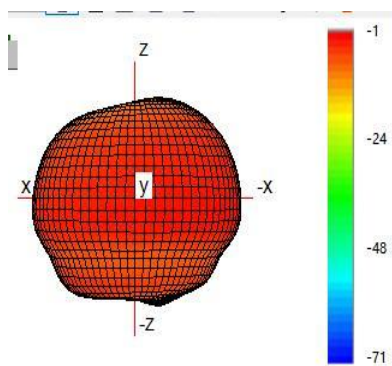
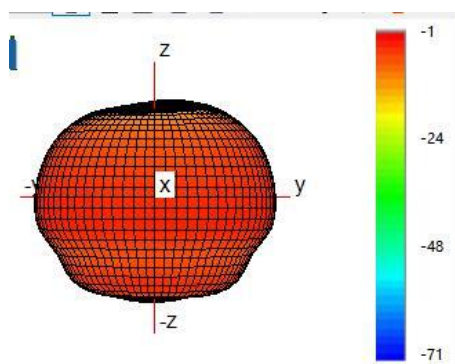
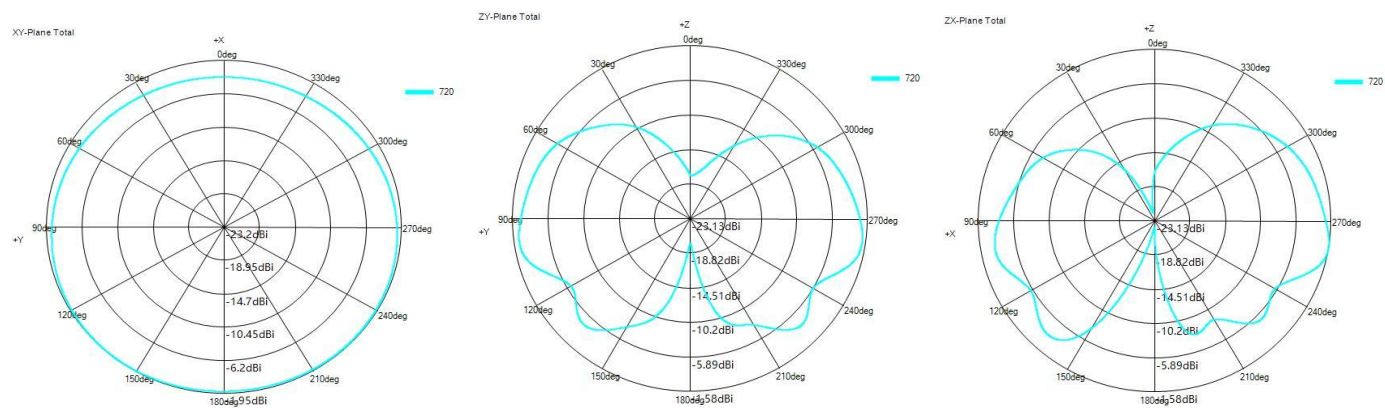
TE850 antenna info.

RF antenna	Band	Frequency (MHZ)	Max Gain (Dbi)
	GSM850	824-894	-0.63
	EGSM900	880-960	-0.51
	DCS1800	1710-1880	-0.37
	PCS1900	1850-1990	-0.32
	W2100	1920-2170	-0.43
	W1900	1850-1990	-0.32
	W1700	1710-2155	-0.35
	W850	824-894	-0.63
	W900	880-960	-0.51
	LTE-B1	1920-2170	-0.43
	LTE-B2	1850-1990	-0.32
	LTE-B3	1710-1880	-0.35
	LTE-B4	1710-2155	-0.37
	LTE-B5	824-894	-0.63
	LTE-B7	2500-2690	-0.48
	LTE-B8	880-960	-0.51
	LTE-B12	699-746	-0.98
	LTE-B13	777-756	-0.54
	LTE-B17	880-746	-0.54
	LTE-B18	824-894	-0.63
	LTE-B19	824-894	-0.63
	LTE-B20	824-894	-0.63
	LTE-B25	1710-1880	-0.37

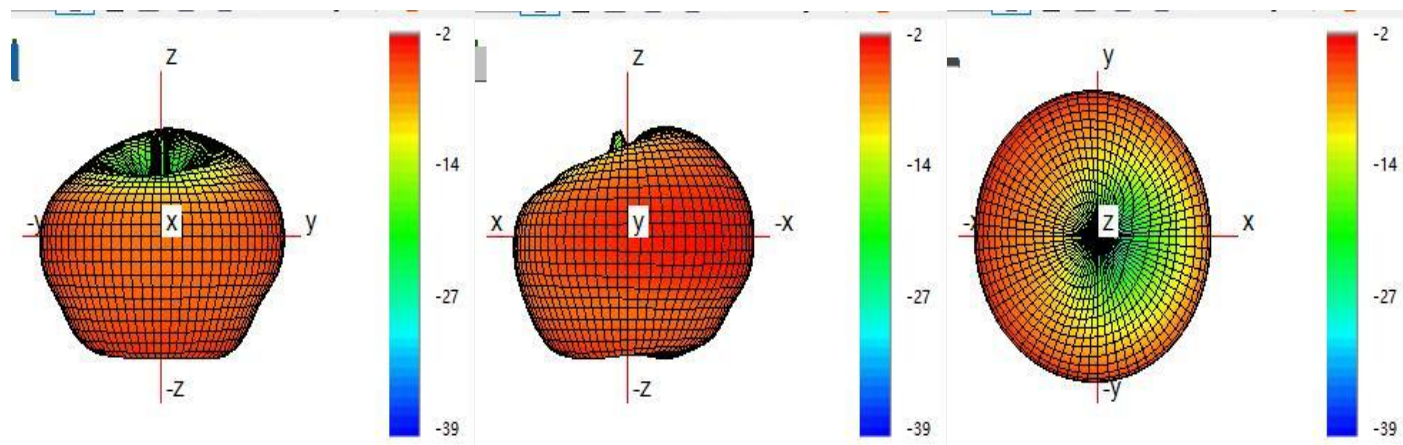
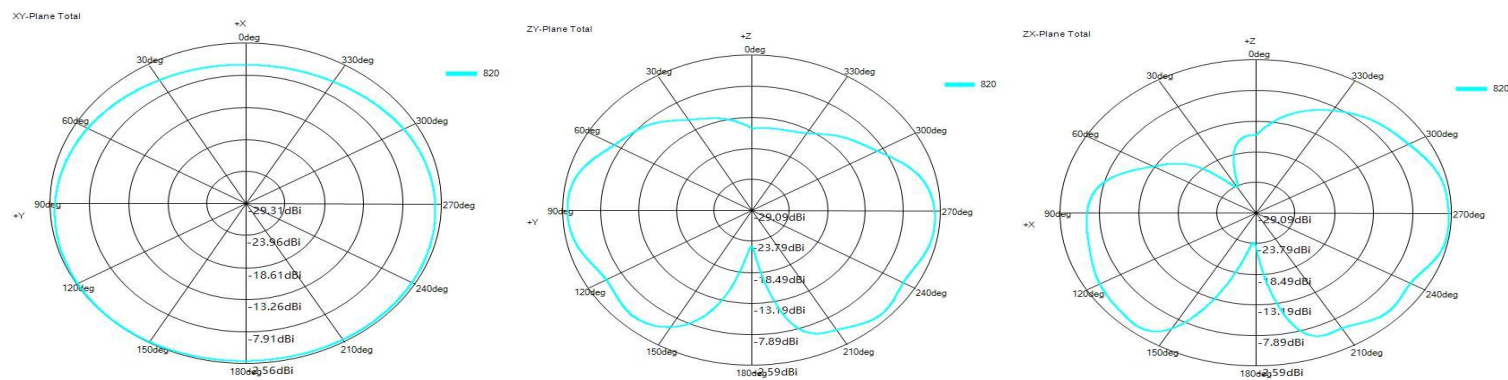


	LTE-B26	824-894	-0.63
	LTE-B28	703-803	-0.98
	LTE-B34	1920-2170	-0.43
	LTE-B38	2570-2620	-1.18
	LTE-B39	1850-1990	-0.32
	LTE-B40	2300-2400	-0.25
	LTE-B41	2496-2690	-1.18
	LTE-B66	1710-2200	-0.35
WIFI (5G)		5180-5850	-0.19
WIFI (2.4G)		2412-2472	0.24
BT antenna		2400-2500	0.24
GPS		1570-1620	-1.25
NFC		13.56	-2
ANT TYPE	FPC		

2D/3DPhi

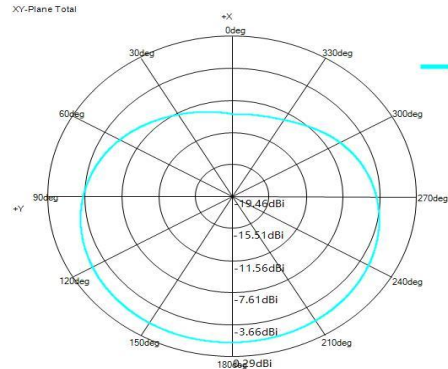


720MHz

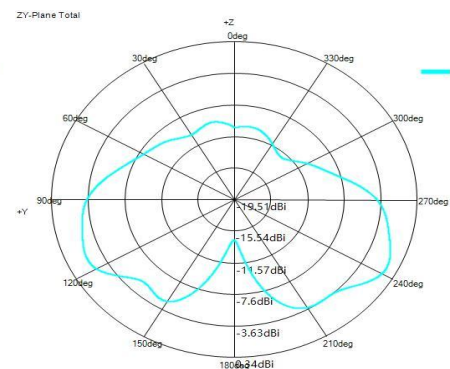


820MHz

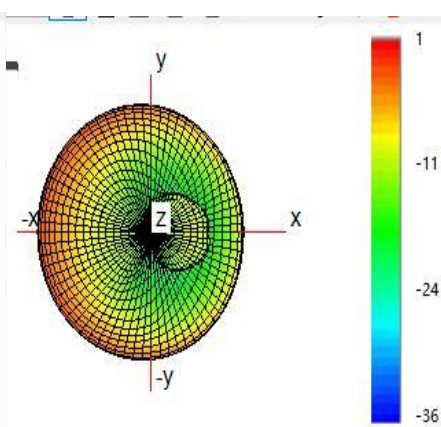
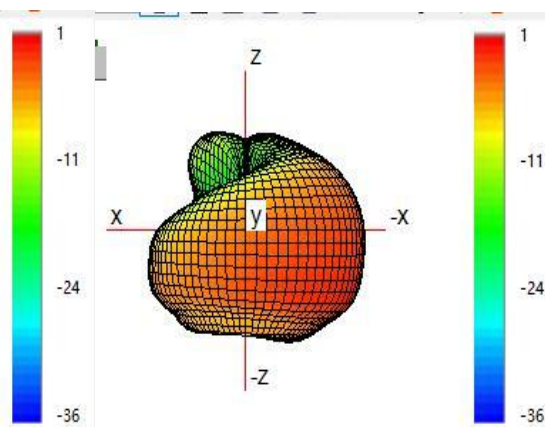
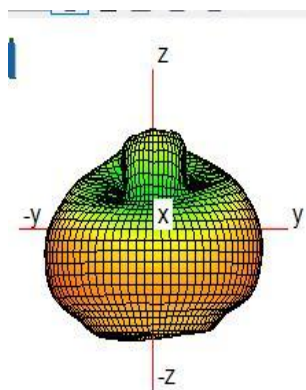
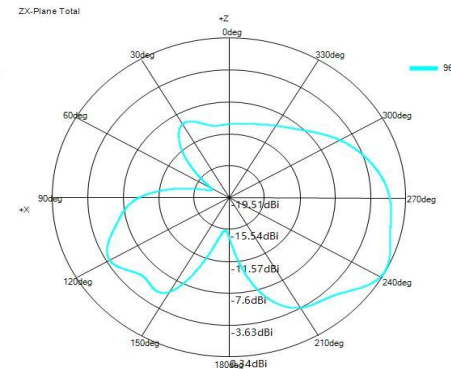
XY-Plane Total



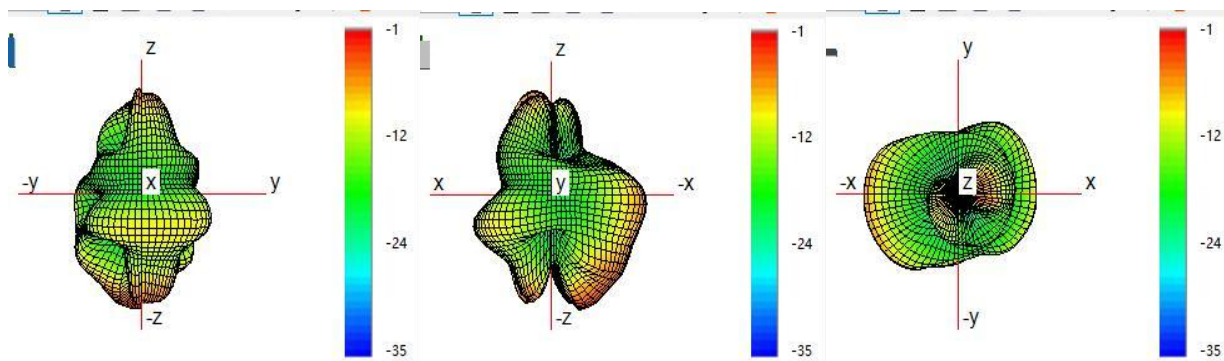
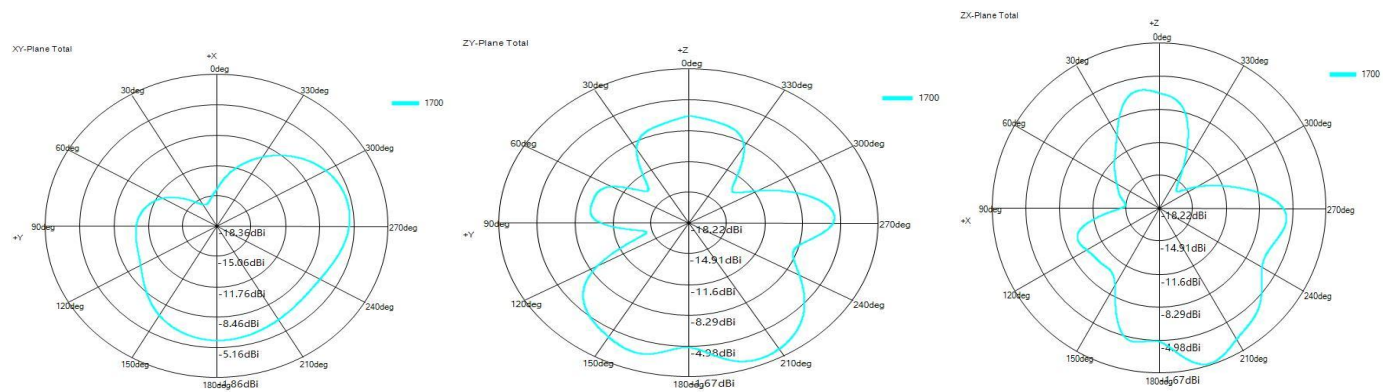
ZY-Plane Total



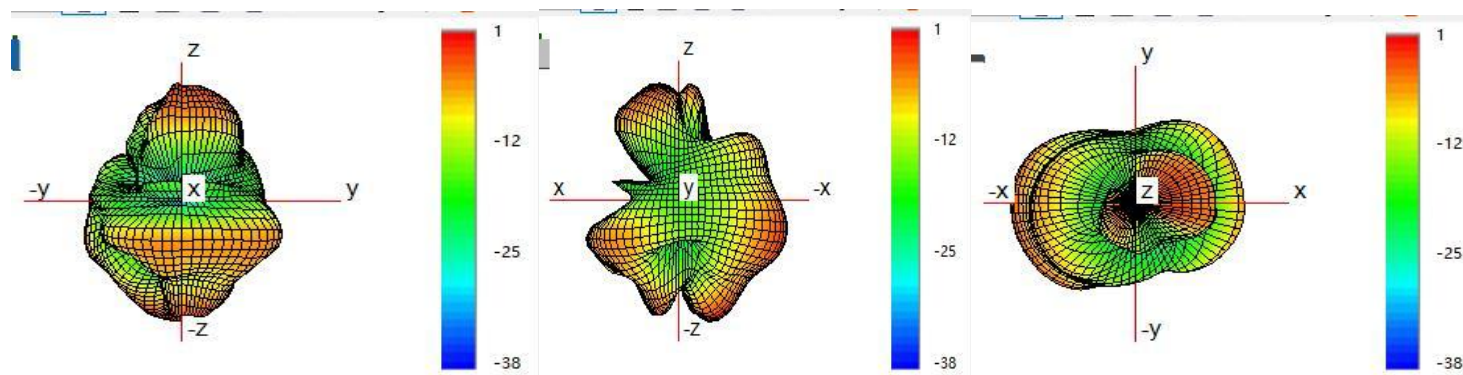
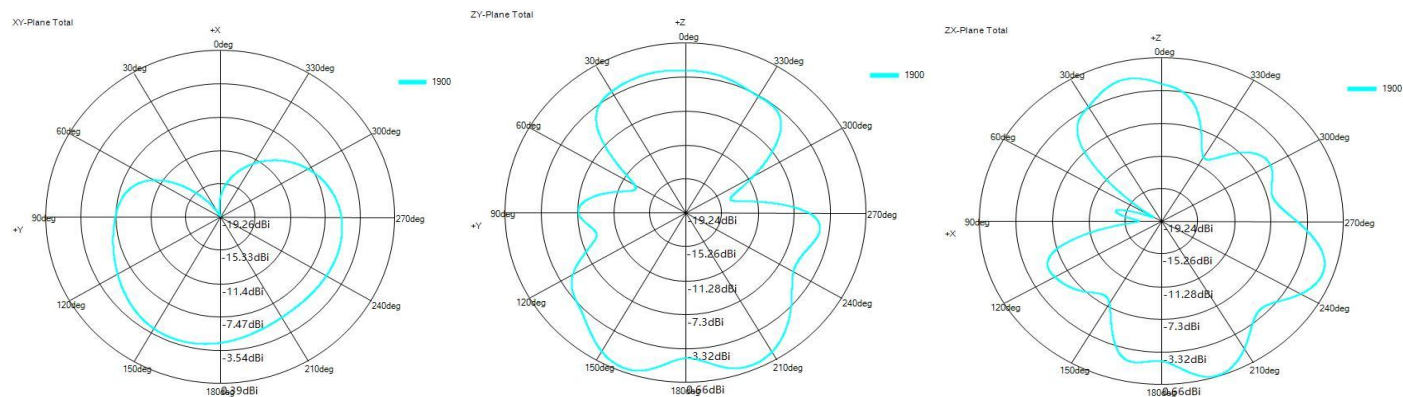
ZX-Plane Total



960MHz

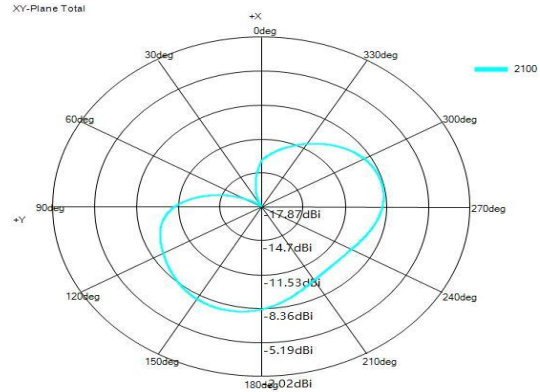


1710MHz

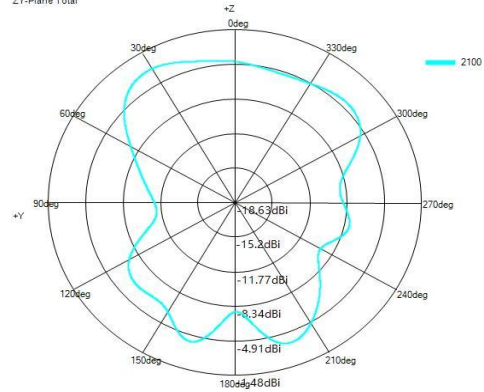


1990MHz

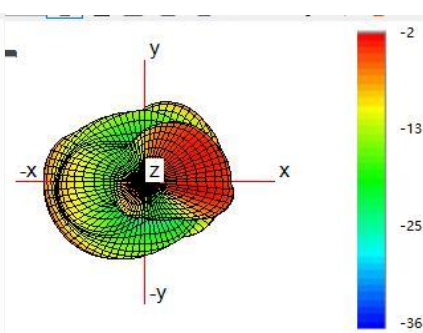
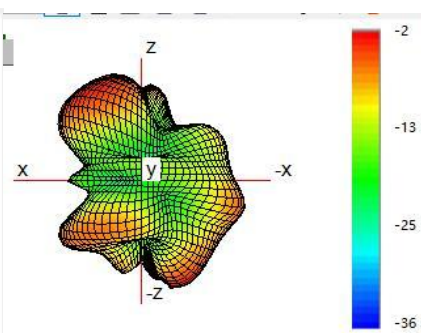
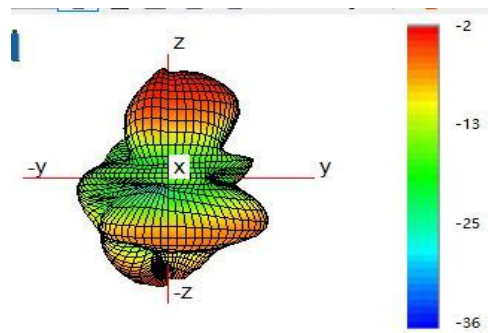
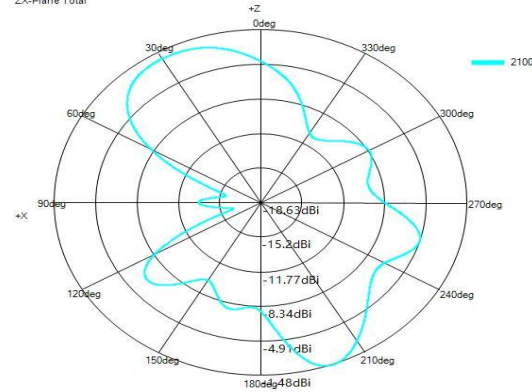
XY-Plane Total



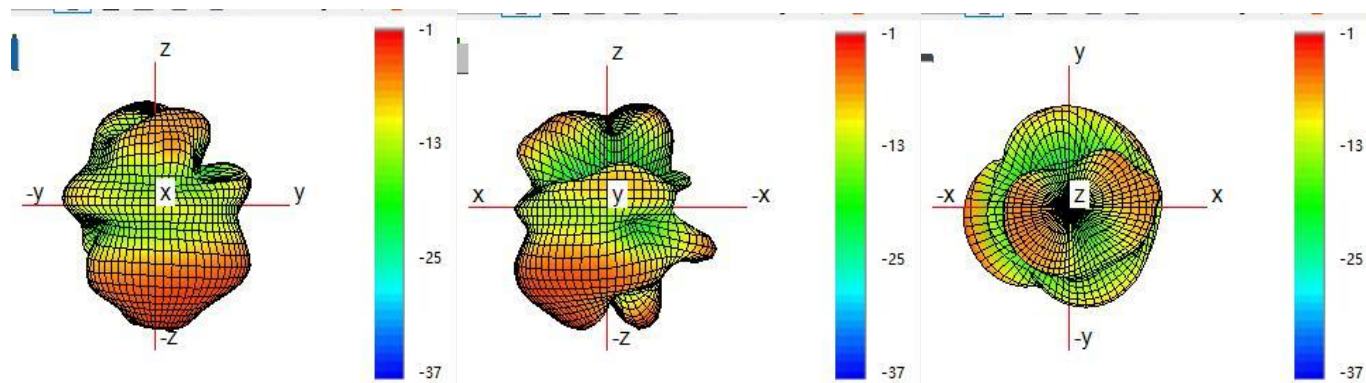
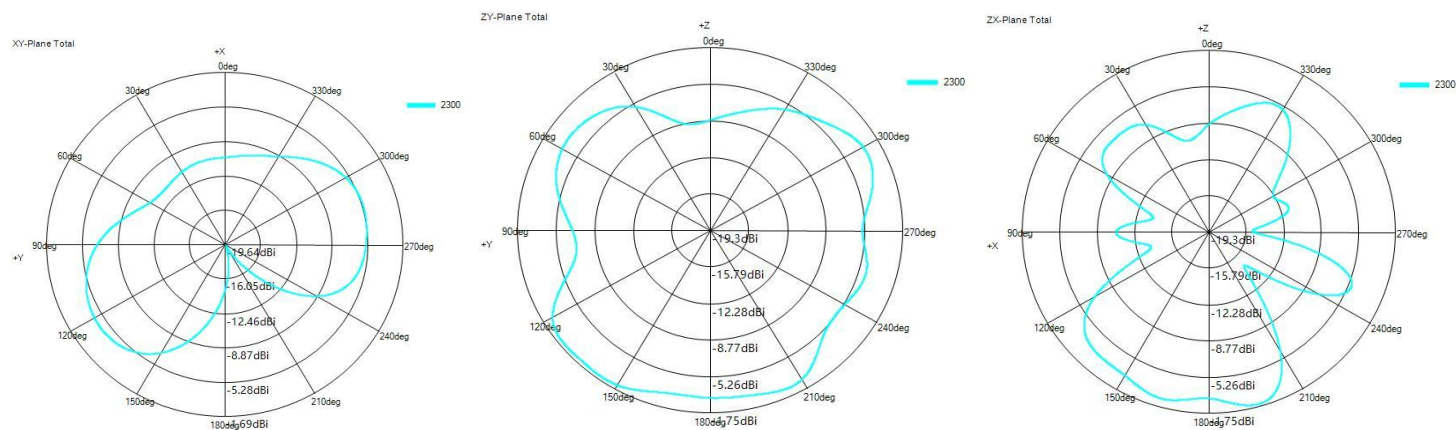
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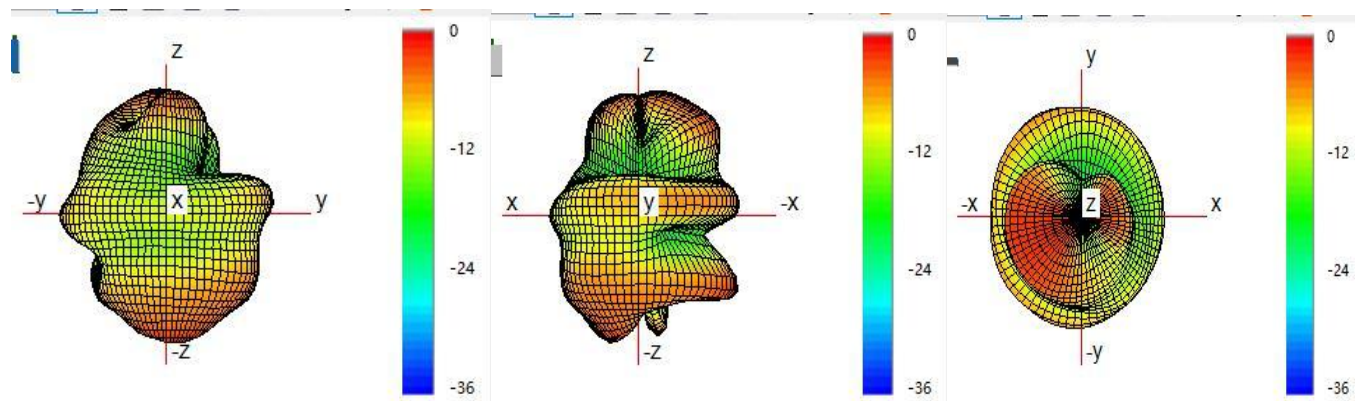
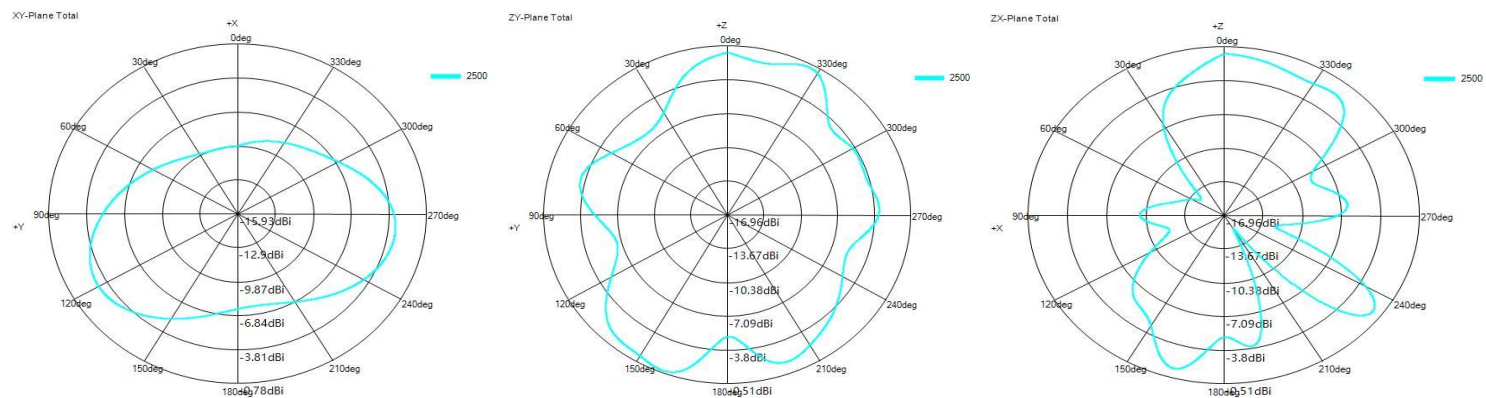
ZX-Plane Total



2170MHz

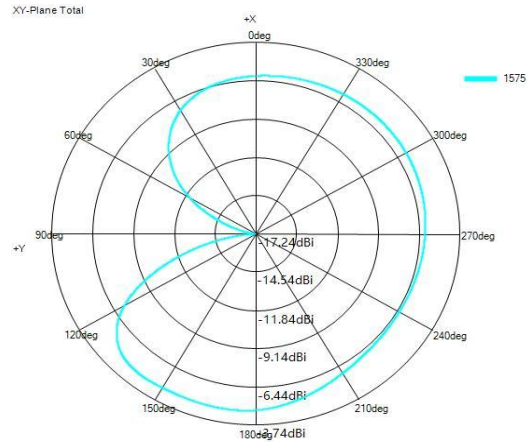


2310MHz

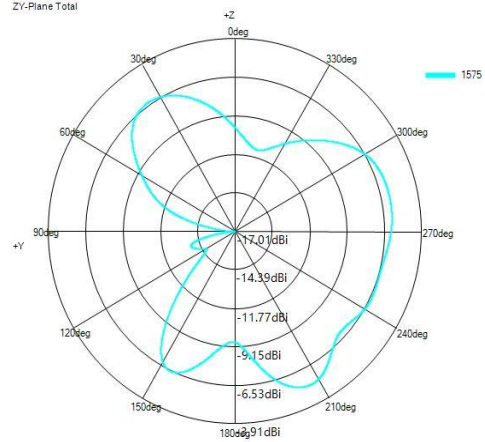


2680MHz

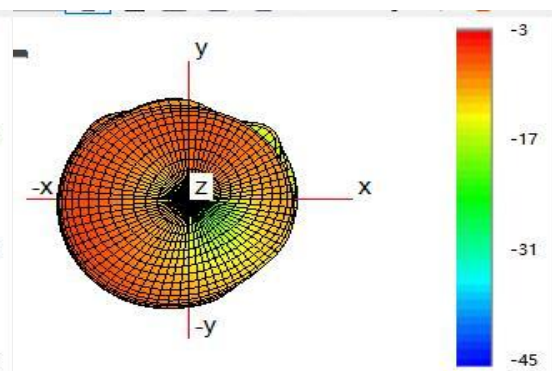
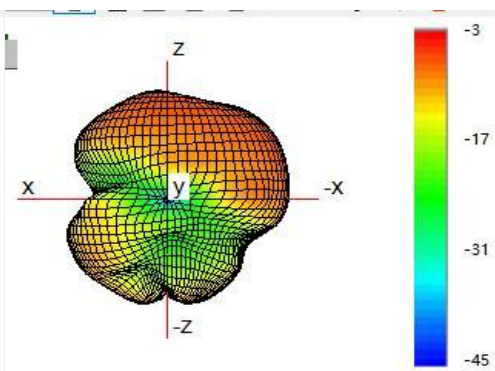
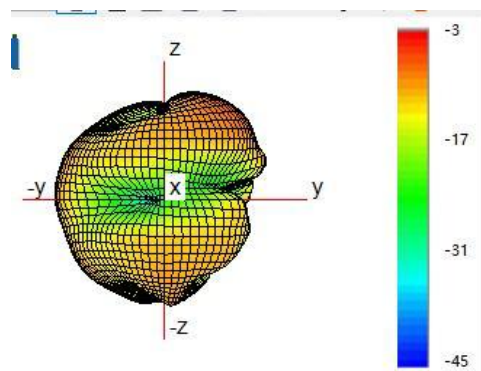
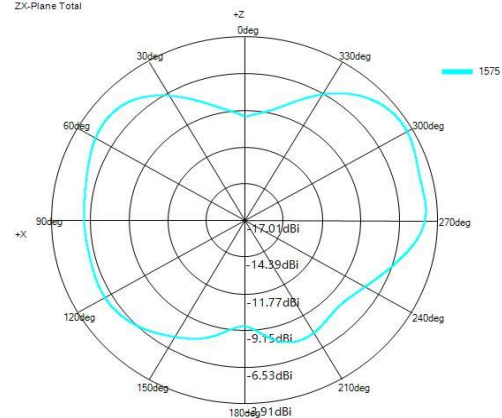
XY-Plane Total



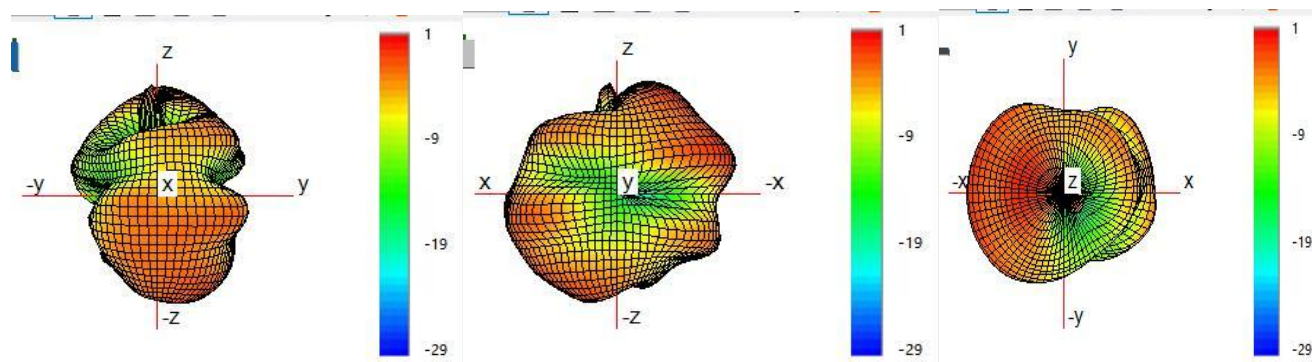
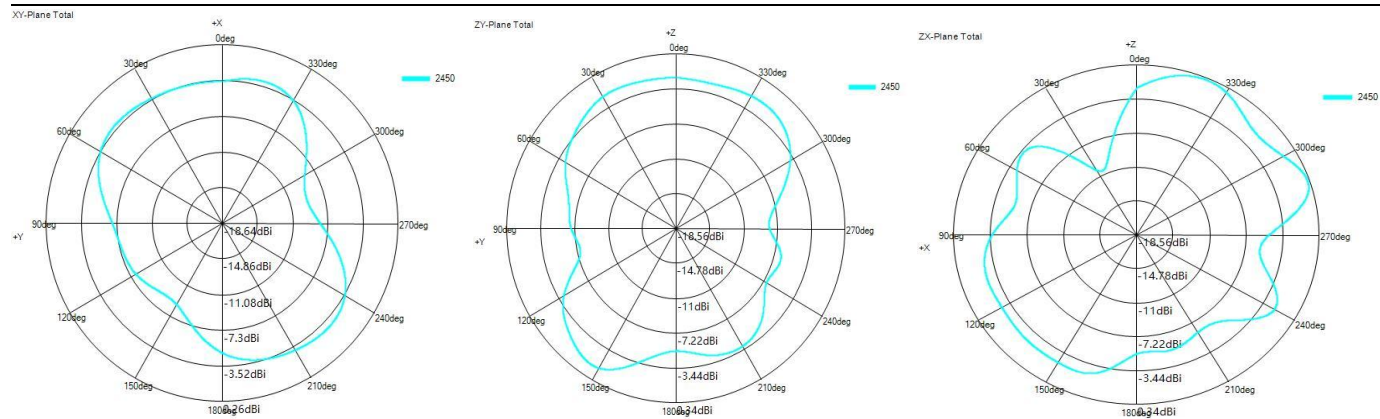
ZY-Plane Total



ZX-Plane Total

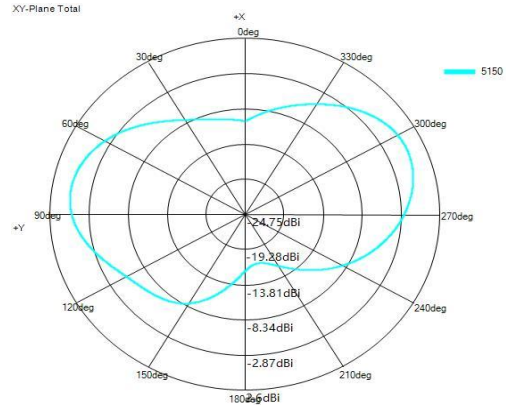


1575MHz

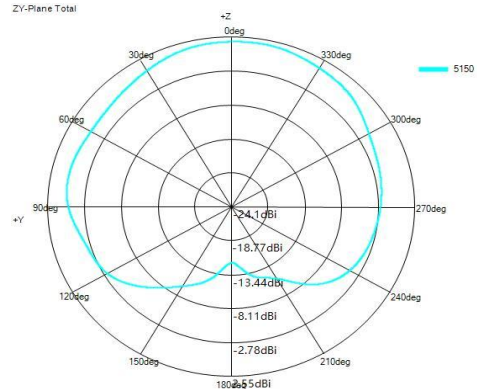


2450MHz

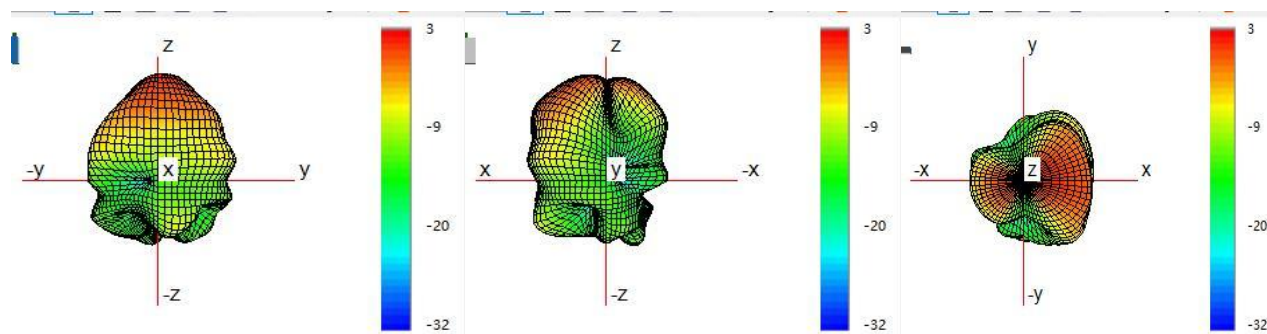
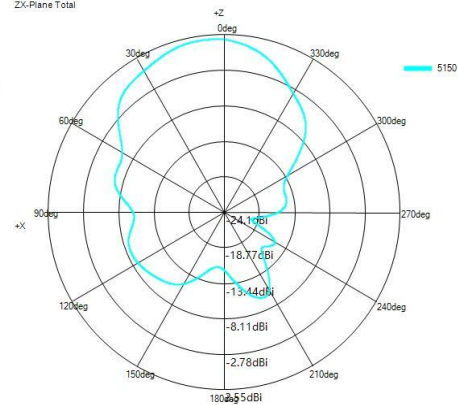
XY-Plane Total



ZY-Plane Total



ZX-Plane Total



5150MHz