

L Band & 2.4G & S Band Antenna

MODEL: TH-1325B



1.. GENERAL DESCRIPTION

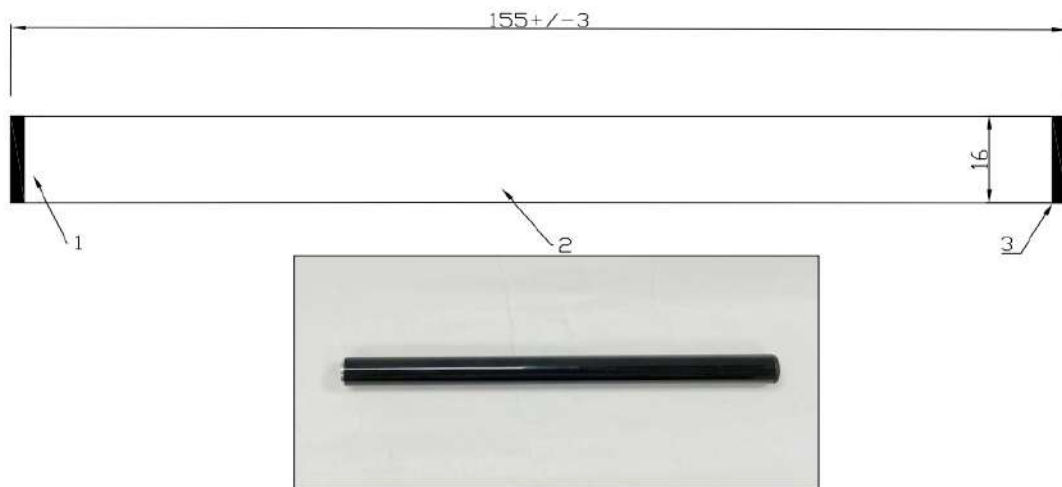
Model No
TH1325B-SMA(M)

1.1 Electrical Properties

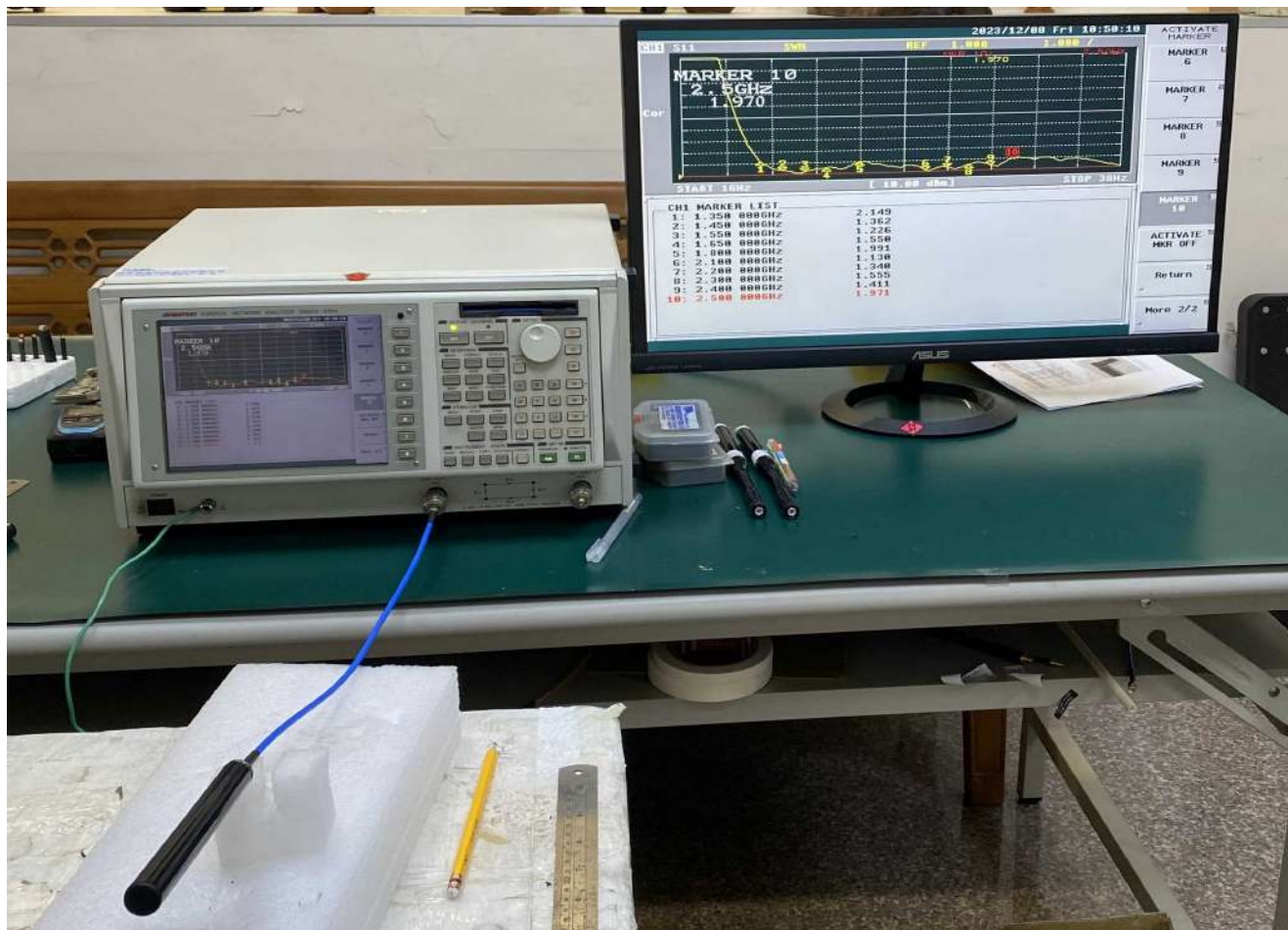
Parameter	Description
Frequency Band	1350~3000Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.5:1

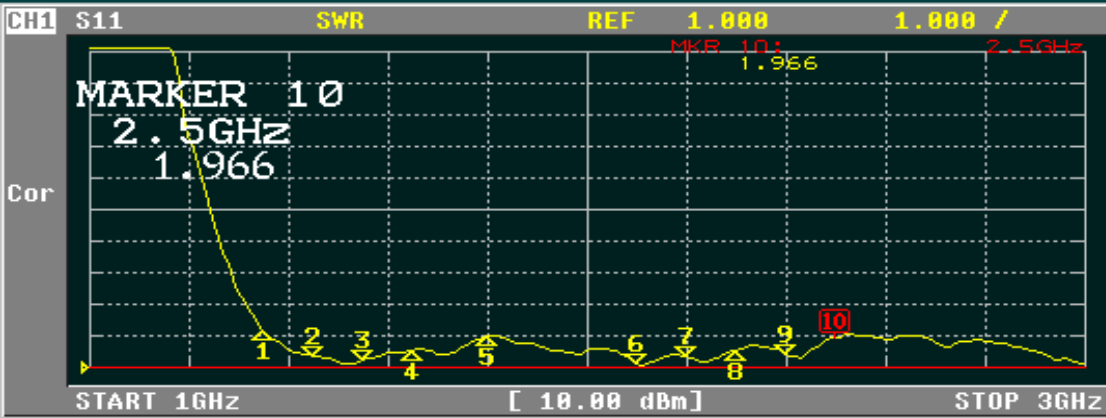
1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Material	ASA
Touch Type	Screw Type
Connector Type	SMA connector (Male)
Antenna Dimensions	Ø16 x 155mm ±3
Weight	35g
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C



6									
5									
4									
3	ASA Black cap								
2	ASA Black tube								
1	SMA or RP-SMA(M) Connector								
ITEM	DESCRIPTION	MAT L	FINISH	ITEM No.	百展科技有限公司 BJTEK NAVIGATION INC		TEL: 886-2-86720160 FAX: 886-2-86720161	TITLE: 1.35-3G Antenna DWG NO.: TB-1325B-SMA00	
					TOLERANCE: AS SPEC.	FINISH: SEE TABLE	DATE: 2023.12.11	UNIT: MM	
					MATERIAL: SEE TABLE	ISSUED: BILL	DRAWN: ALAN	CHECKED: LOUIS	





CH1 MARKER LIST

1:	1.350 000GHz	2.168
2:	1.450 000GHz	1.360
3:	1.550 000GHz	1.232
4:	1.650 000GHz	1.547
5:	1.800 000GHz	1.982
6:	2.100 000GHz	1.128
7:	2.200 000GHz	1.339
8:	2.300 000GHz	1.555
9:	2.400 000GHz	1.416
10:	2.500 000GHz	1.968

ACTIVATE MARKER

MARKER 6

MARKER 7

MARKER 8

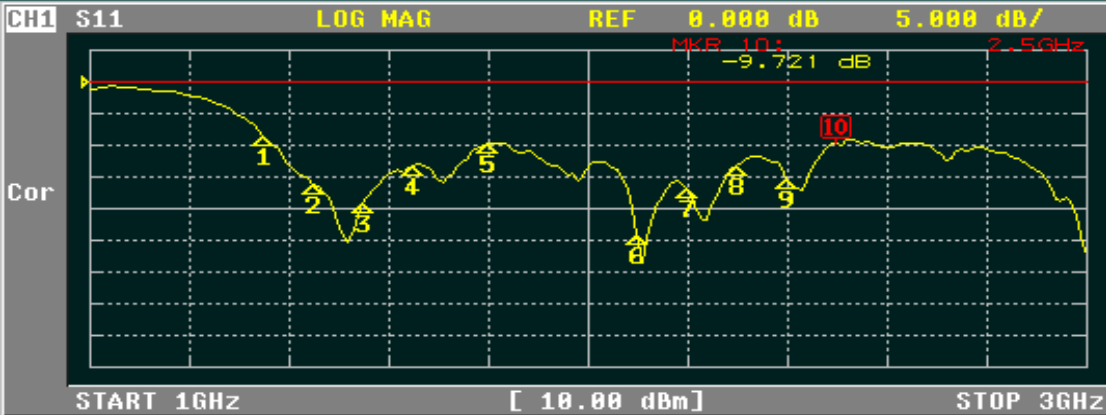
MARKER 9

MARKER 10

ACTIVATE MKR OFF

Return

More 2/2



CH1 MARKER LIST

1:	1.350 000GHz	-8.649 dB
2:	1.450 000GHz	-16.285 dB
3:	1.550 000GHz	-19.246 dB
4:	1.650 000GHz	-13.321 dB
5:	1.800 000GHz	-9.599 dB
6:	2.100 000GHz	-24.251 dB
7:	2.200 000GHz	-16.831 dB
8:	2.300 000GHz	-13.319 dB
9:	2.400 000GHz	-15.267 dB
10:	2.500 000GHz	-9.721 dB

FORMAT

LOG MAG

PHASE

DELAY

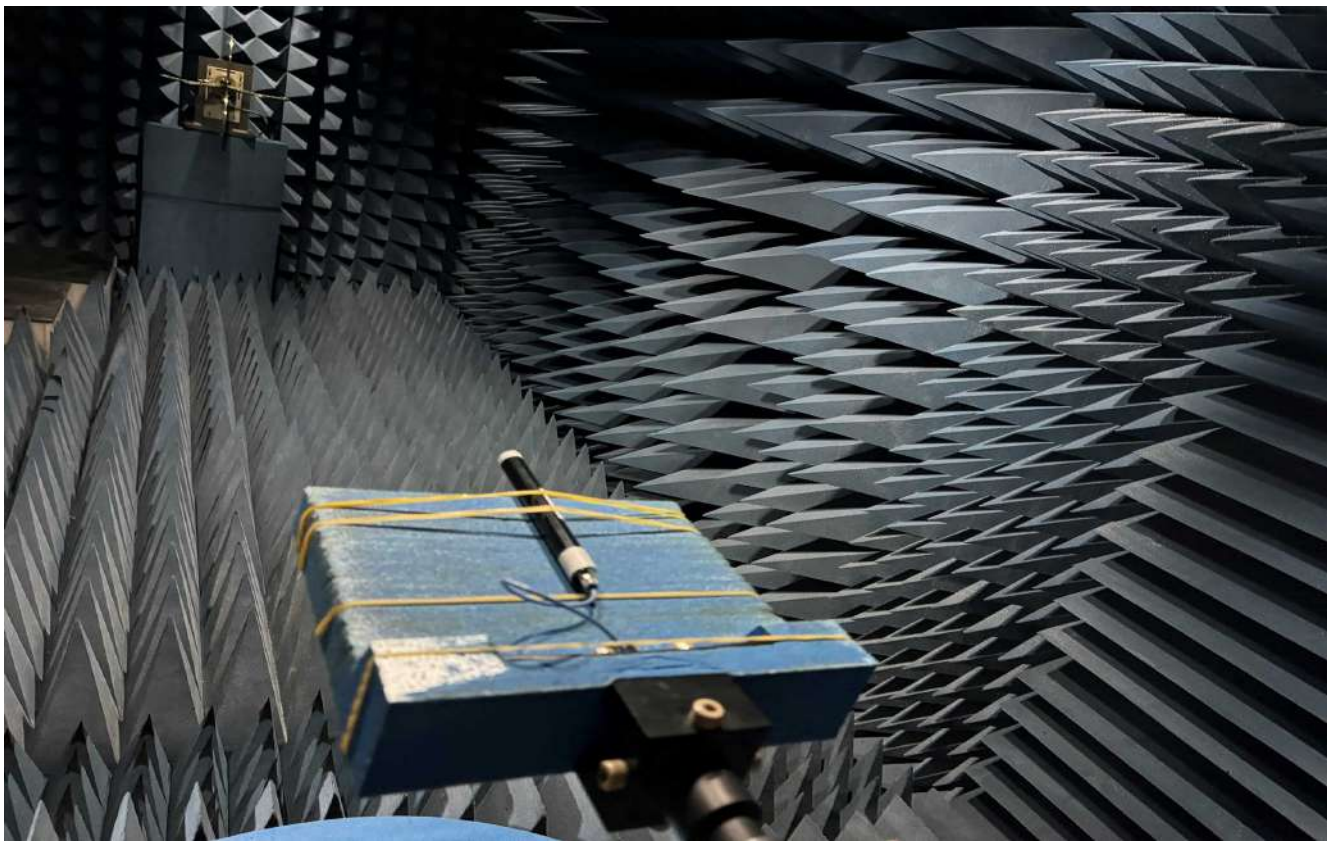
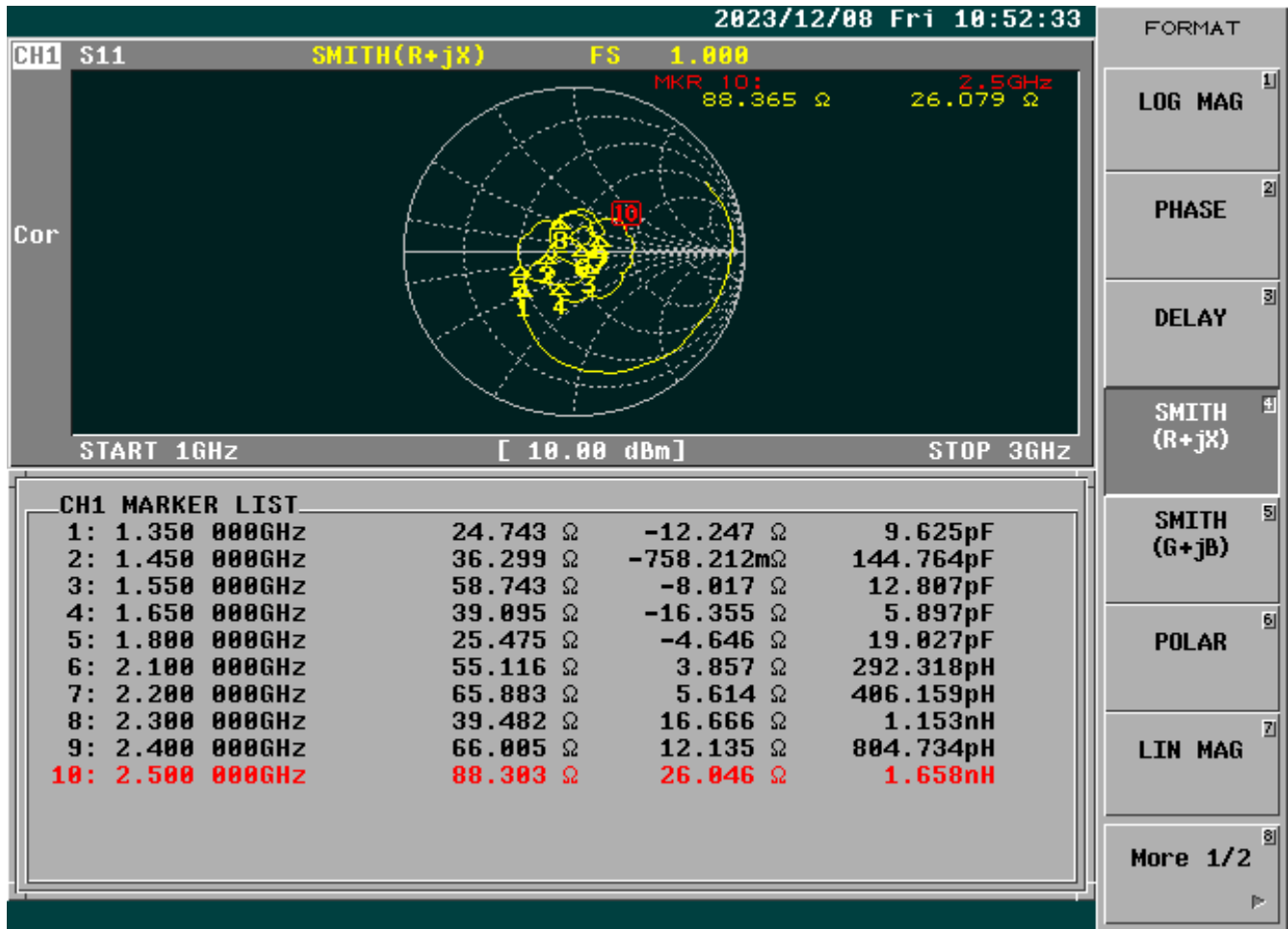
SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

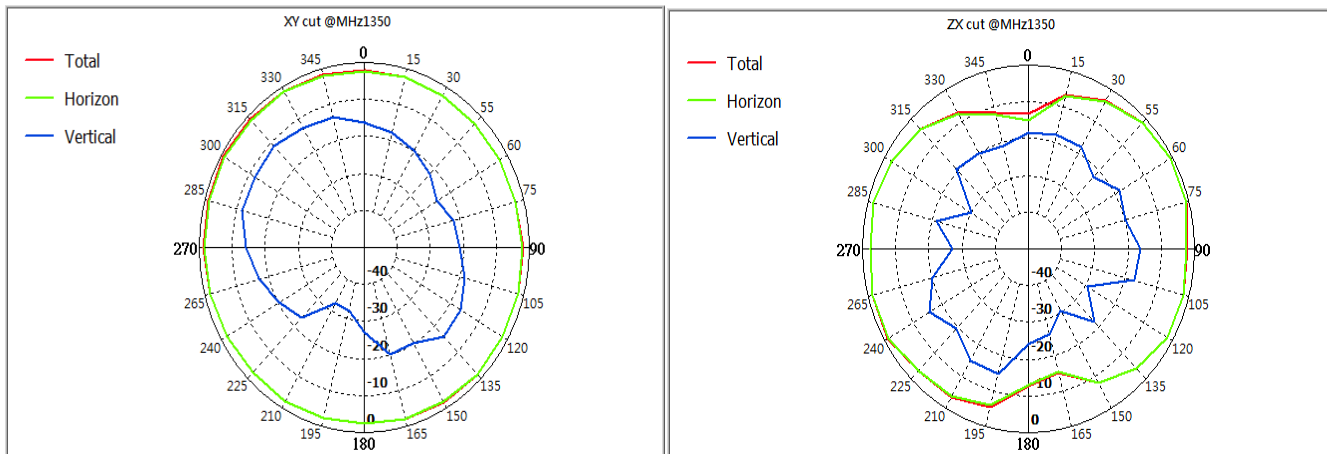
More 1/2

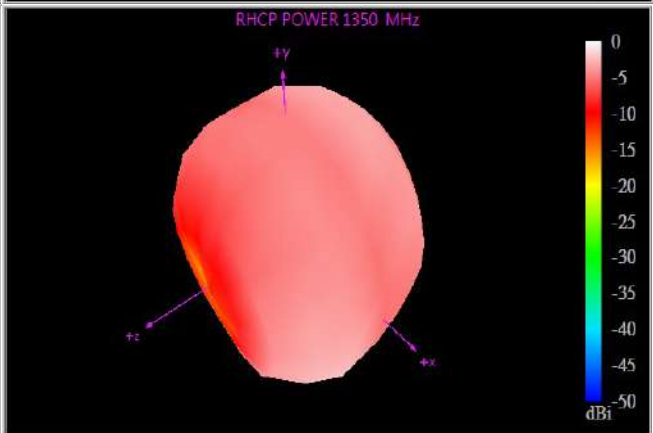
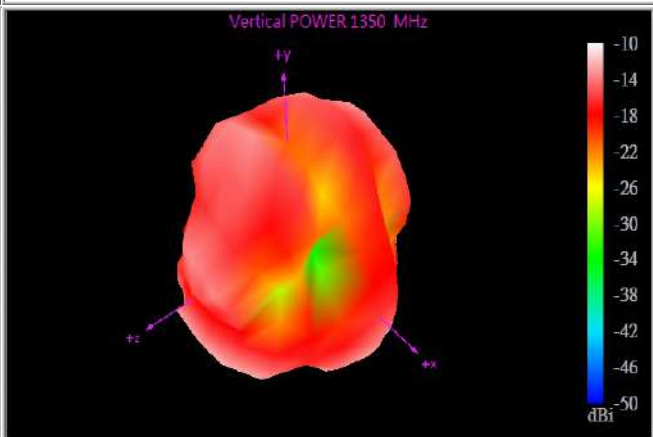
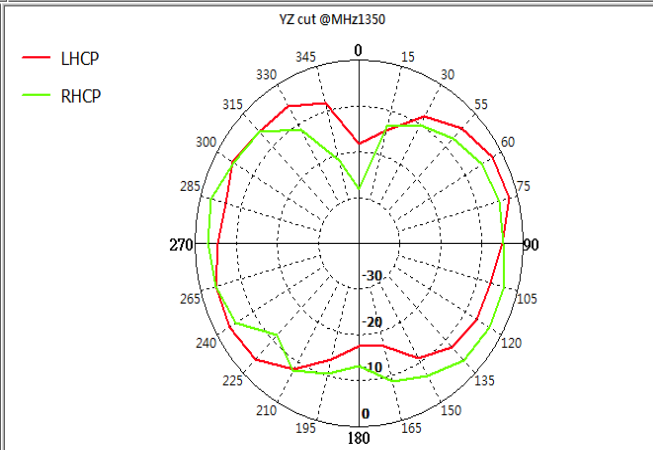
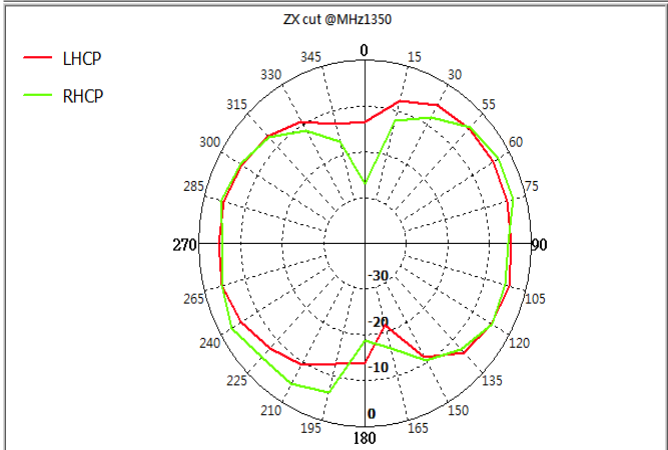
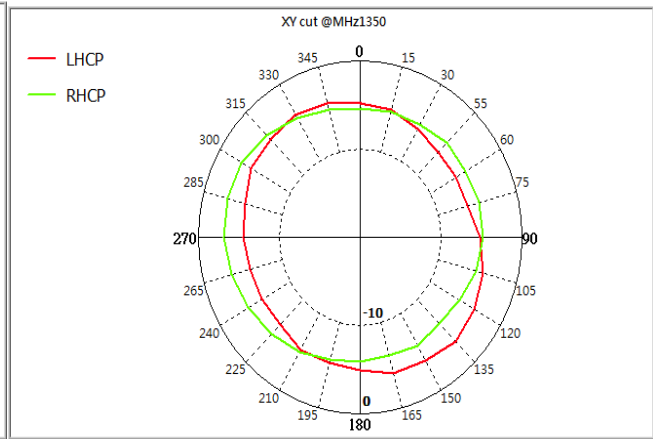
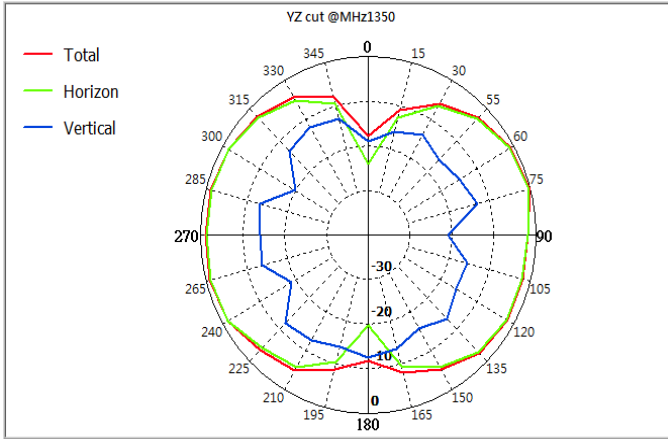


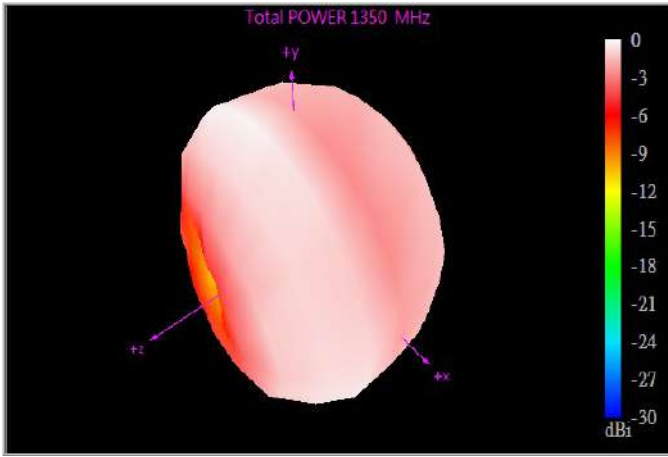
3D Total

Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1350 MHz	-5.49	-5.75	-2.61	54.88	-0.07	-2.61
1400 MHz	-4.49	-5.16	-1.80	66.03	1.05	-1.80
1450 MHz	-4.93	-4.99	-1.95	63.82	0.72	-1.95
1500 MHz	-5.27	-4.90	-2.07	62.10	0.50	-2.07
1600 MHz	-5.45	-4.48	-1.93	64.14	1.36	-1.93
1700 MHz	-5.83	-4.75	-2.25	59.56	1.32	-2.25
1800 MHz	-6.79	-4.46	-2.46	56.72	1.06	-2.46
1900 MHz	-7.10	-3.58	-1.99	63.28	1.98	-1.99
2000 MHz	-8.42	-2.95	-1.87	65.09	2.84	-1.87
2100 MHz	-9.16	-2.88	-1.96	63.67	3.73	-1.96
2200 MHz	-7.56	-3.49	-2.05	62.36	3.27	-2.05
2300 MHz	-5.97	-4.82	-2.35	58.24	1.61	-2.35
2400 MHz	-6.56	-4.69	-2.52	55.99	2.26	-2.52
2500 MHz	-5.69	-4.33	-1.95	63.88	3.67	-1.95
2600 MHz	-4.69	-4.72	-1.69	67.74	2.49	-1.69
2700 MHz	-5.08	-5.07	-2.07	62.15	1.65	-2.07
2800 MHz	-6.96	-6.41	-3.67	42.96	0.23	-3.67
2900 MHz	-4.56	-2.88	-0.63	86.45	3.63	-0.63
3000 MHz	-5.30	-2.17	-0.45	90.18	4.73	-0.45

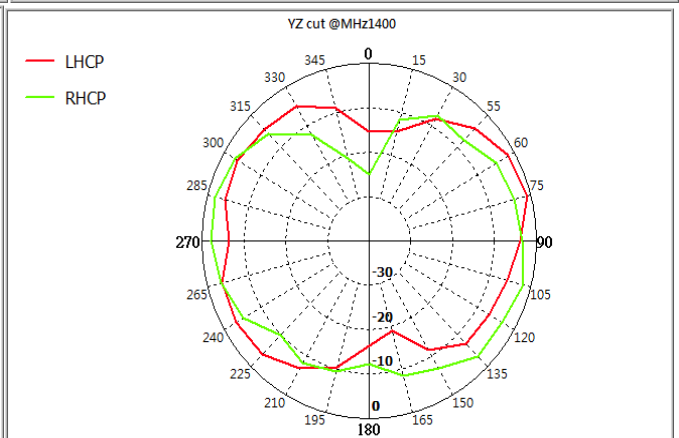
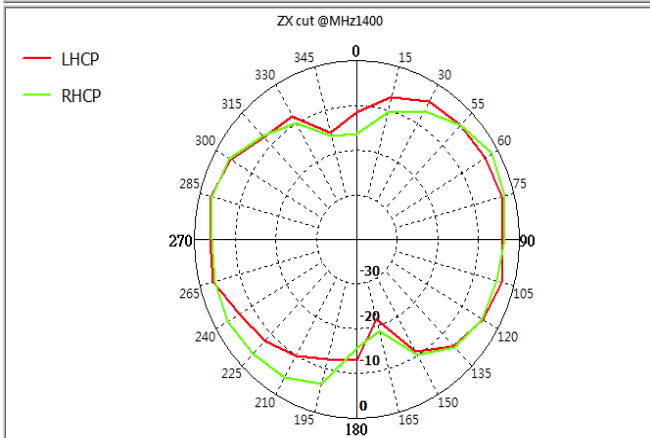
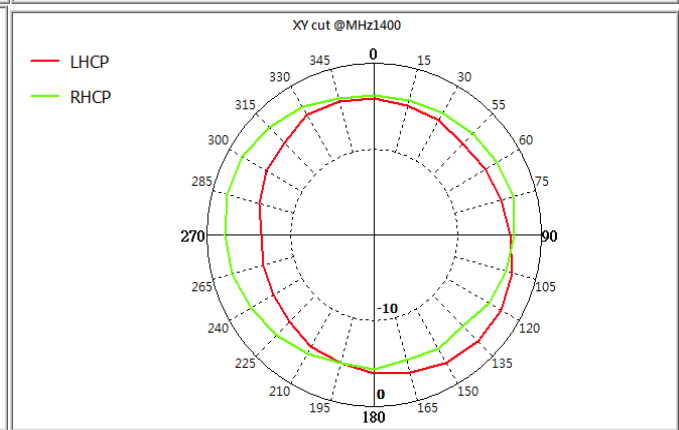
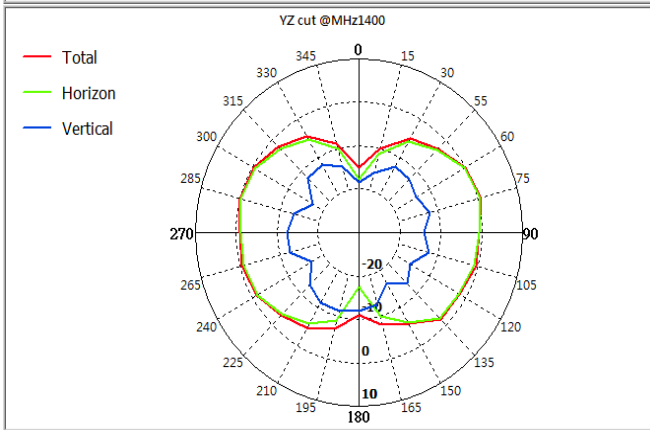
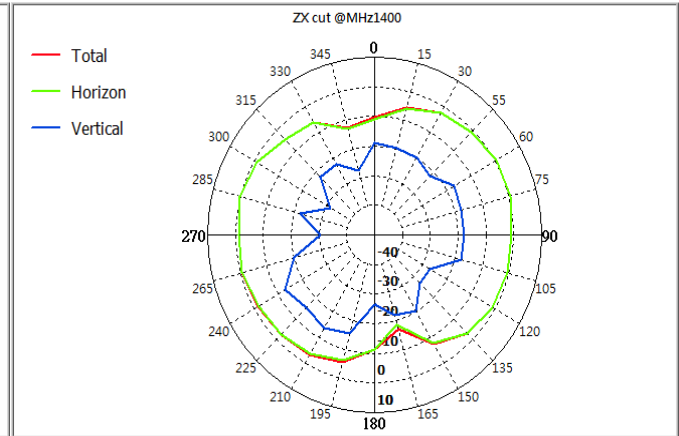
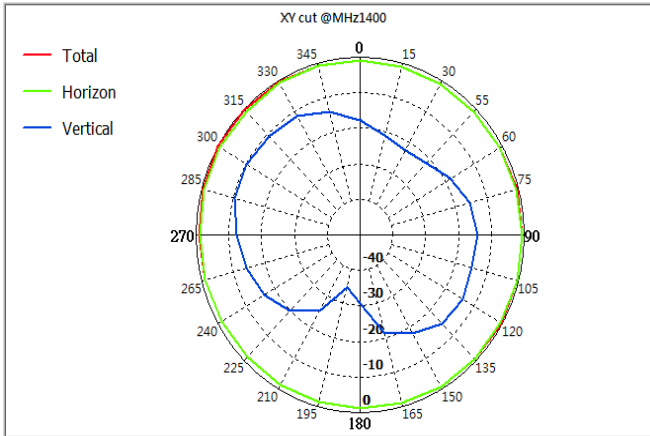
1350Mhz:

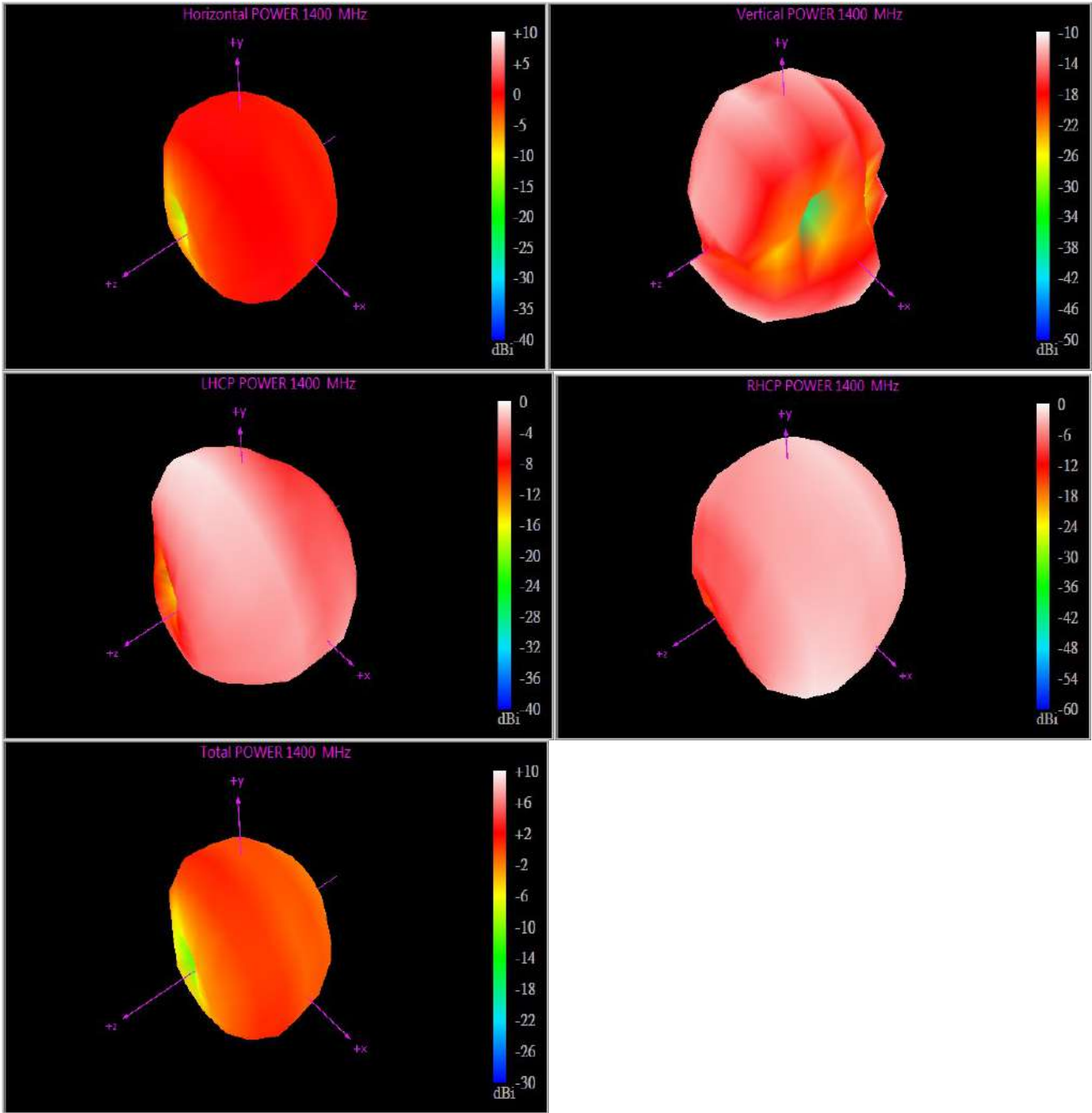




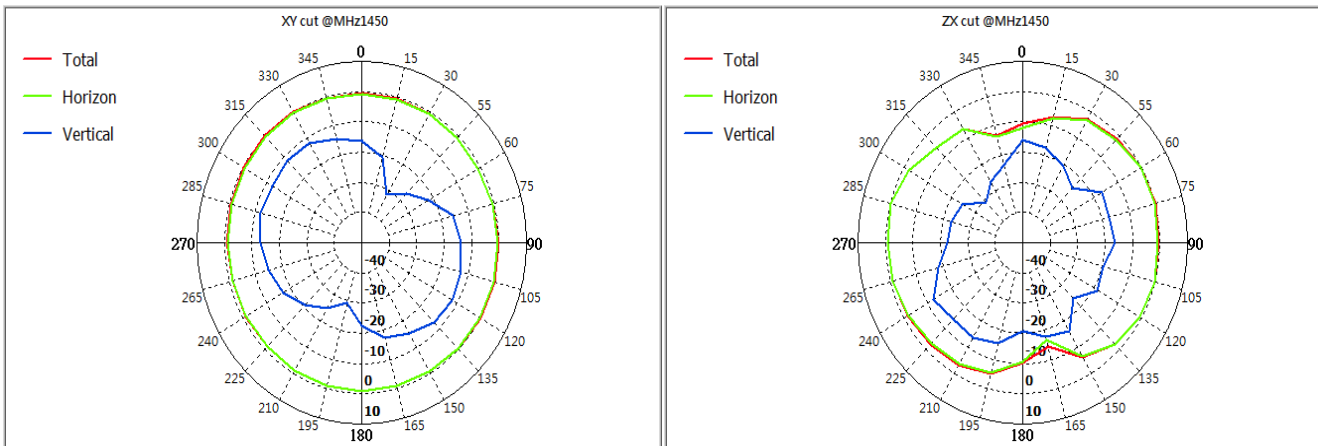


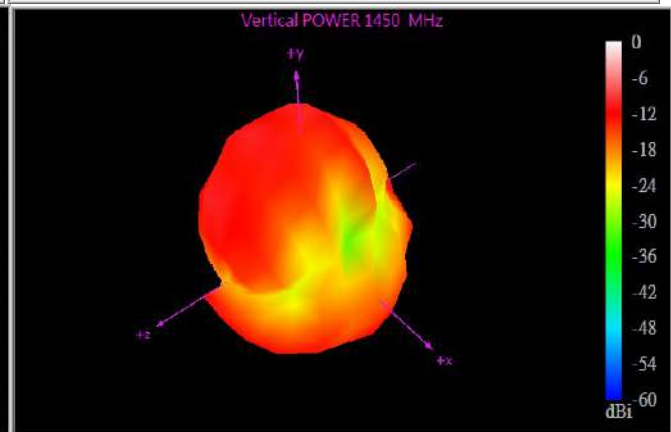
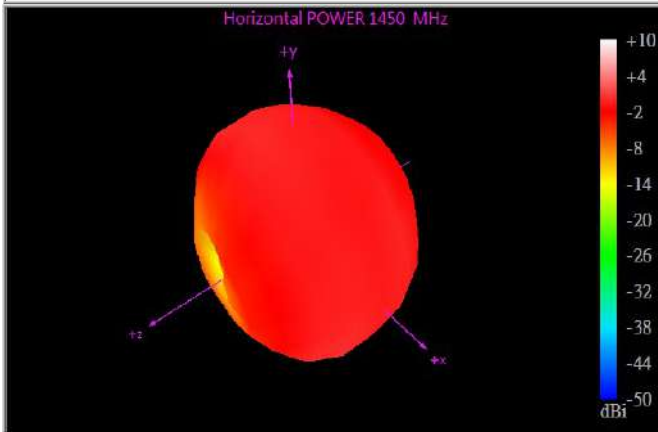
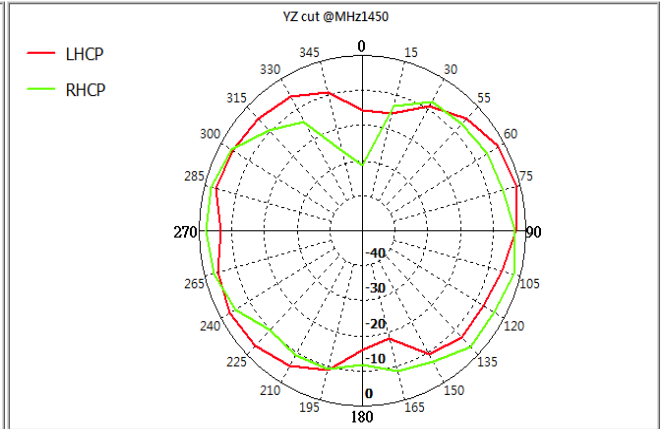
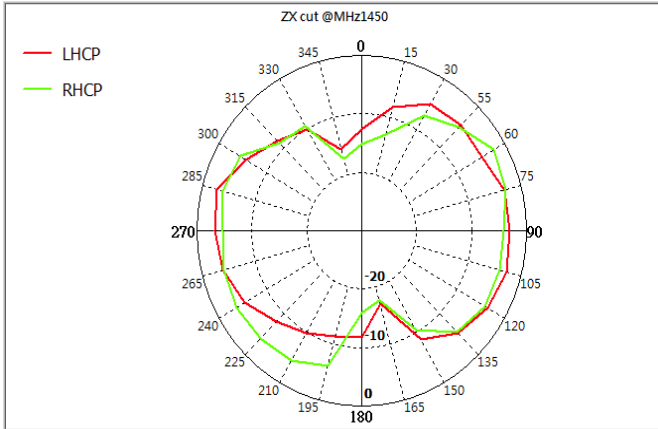
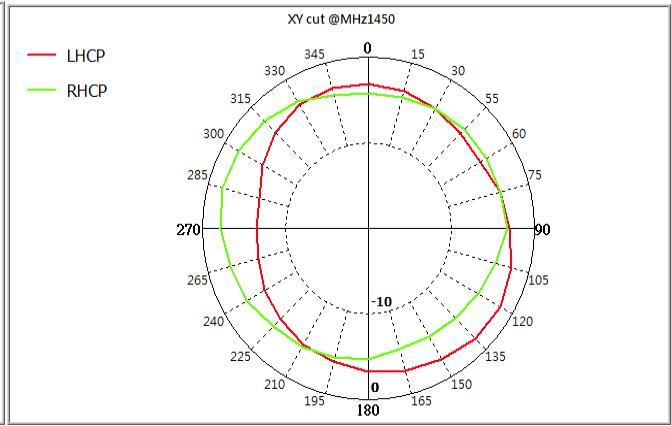
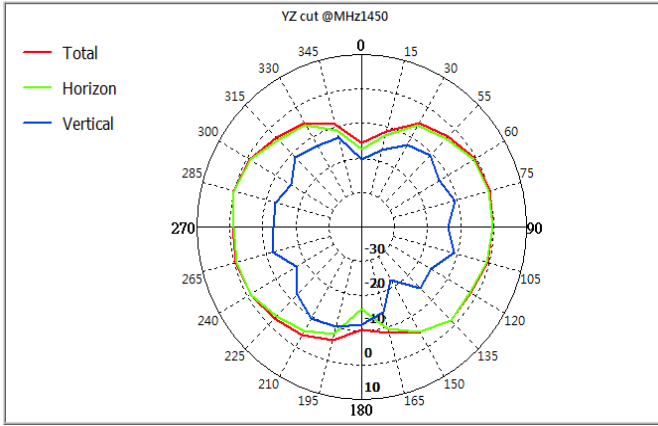
1400Mhz:

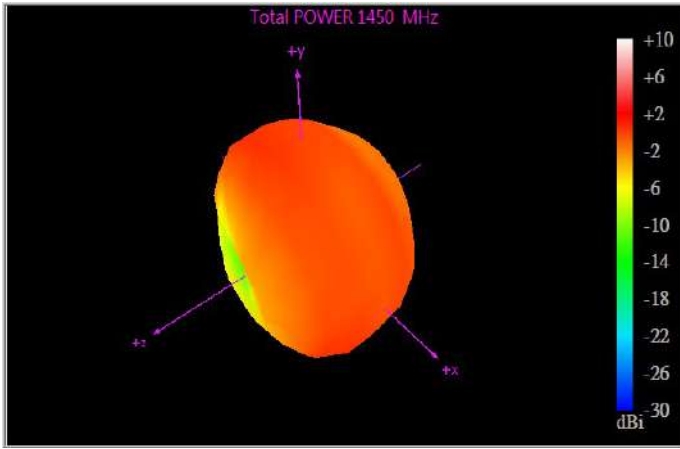




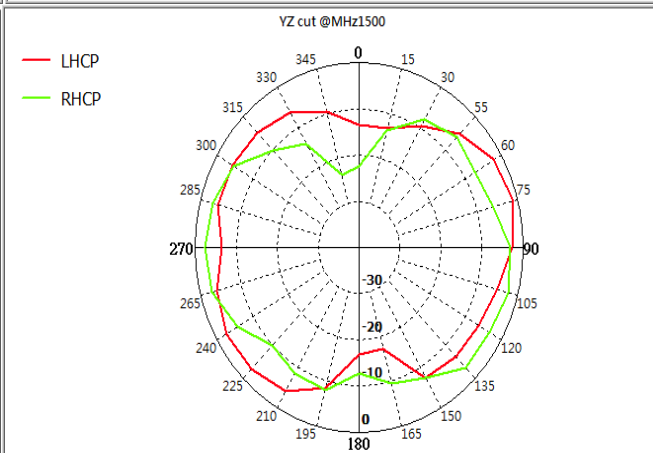
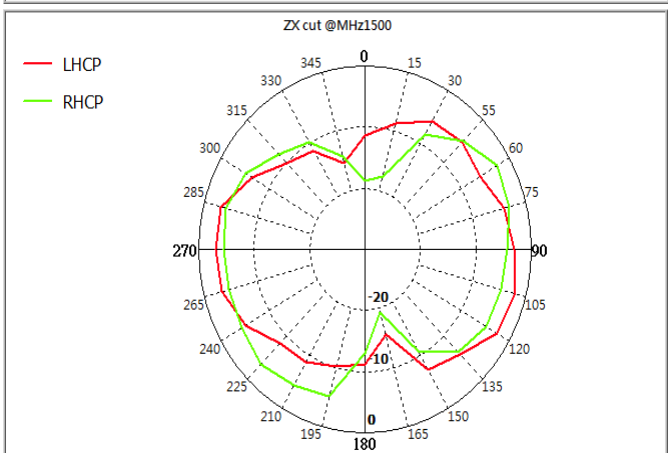
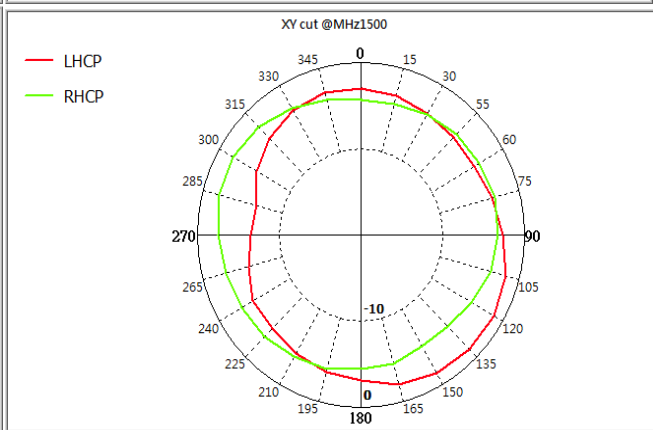
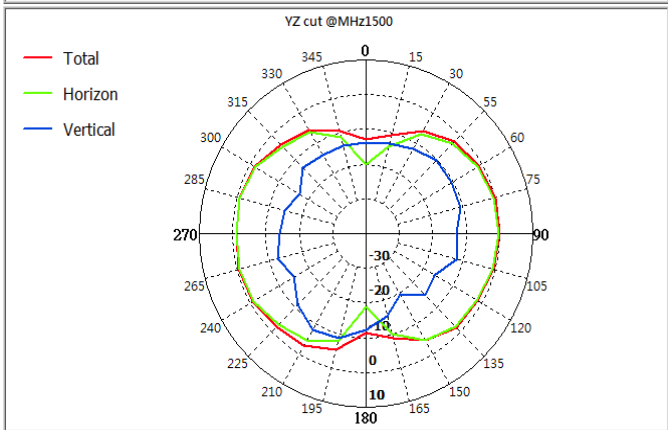
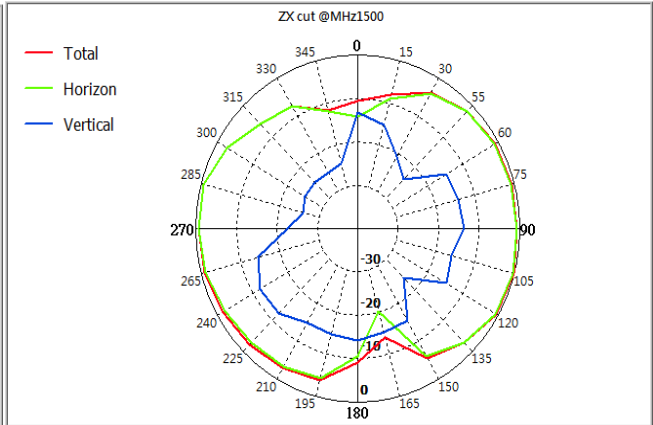
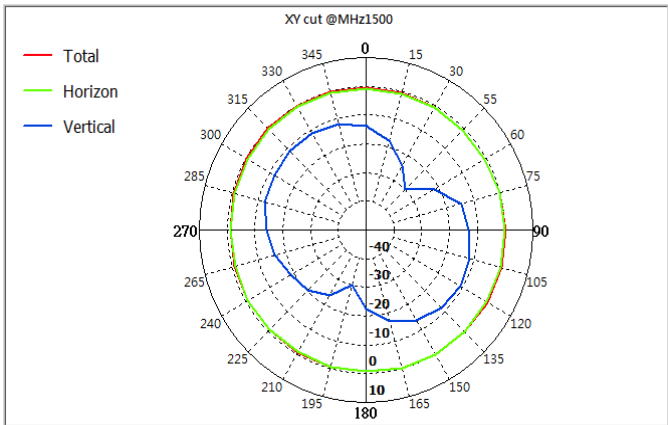
1450Mhz:

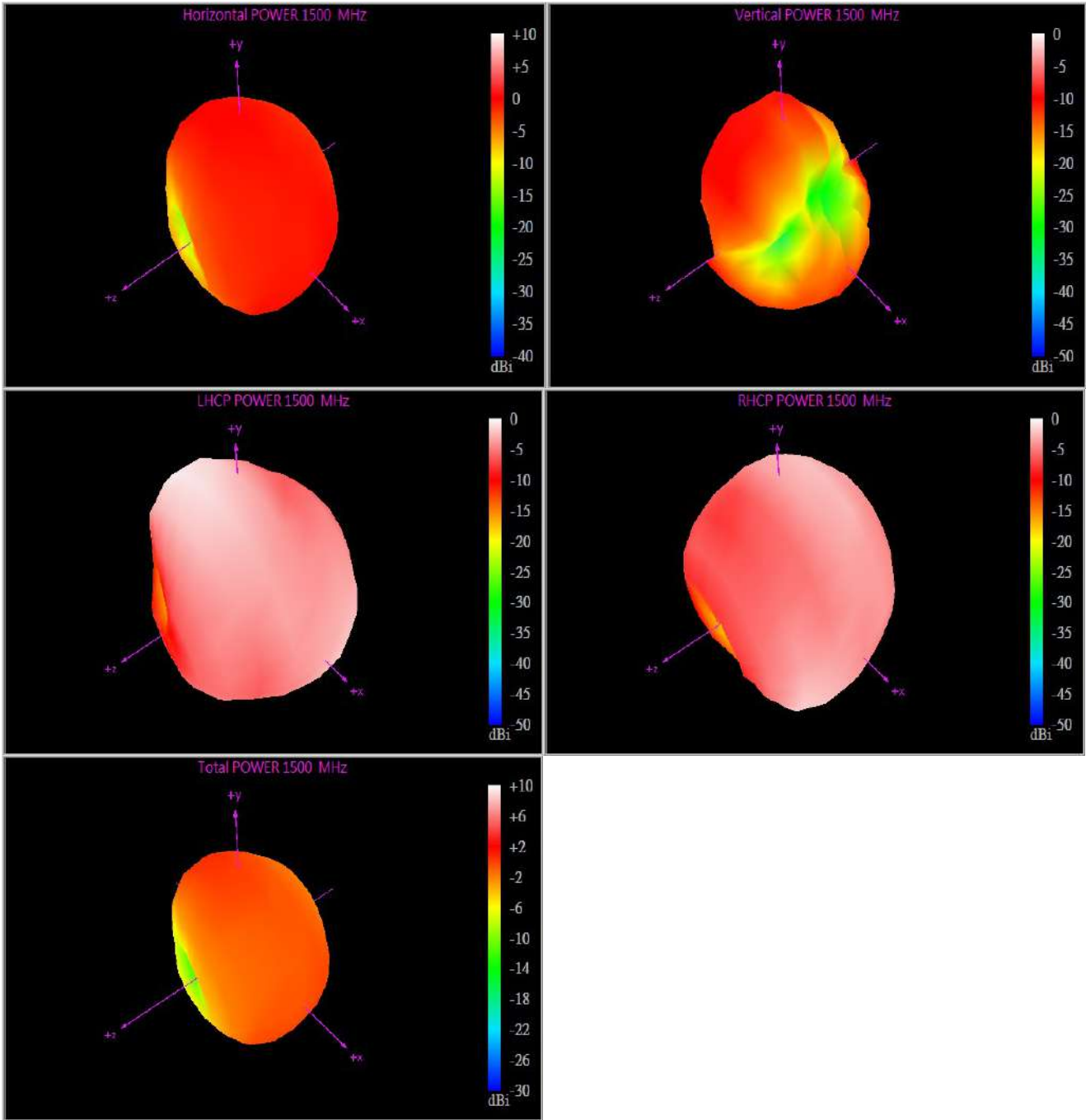




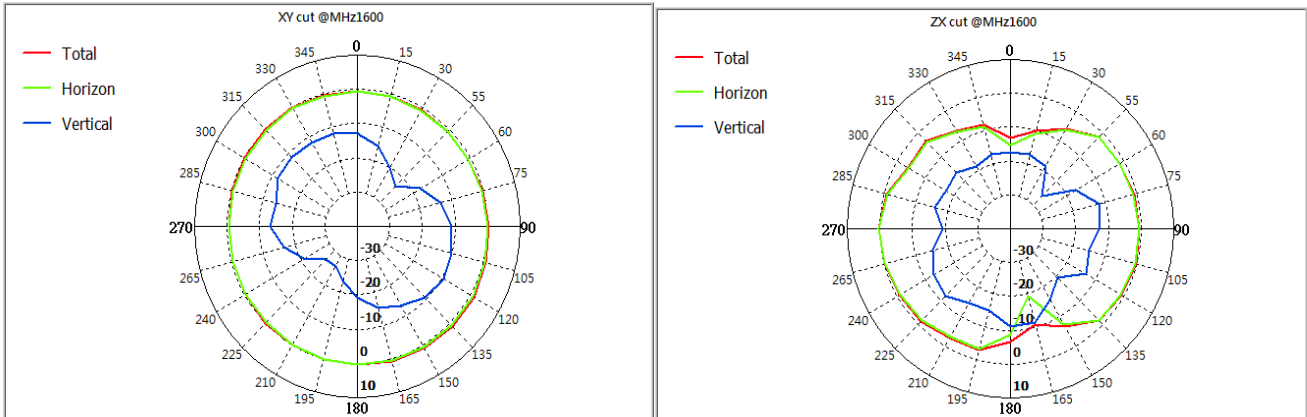


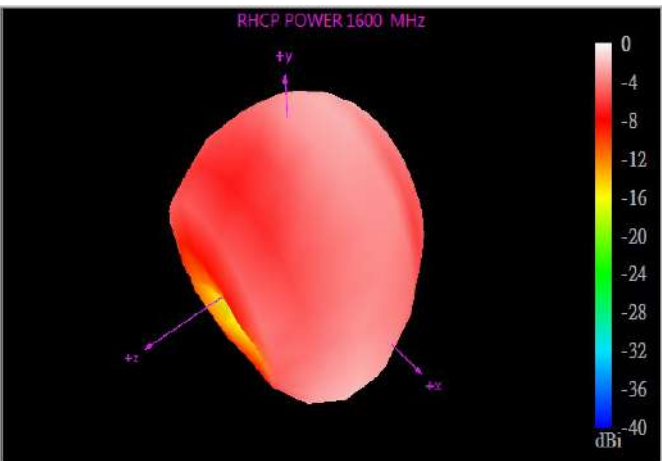
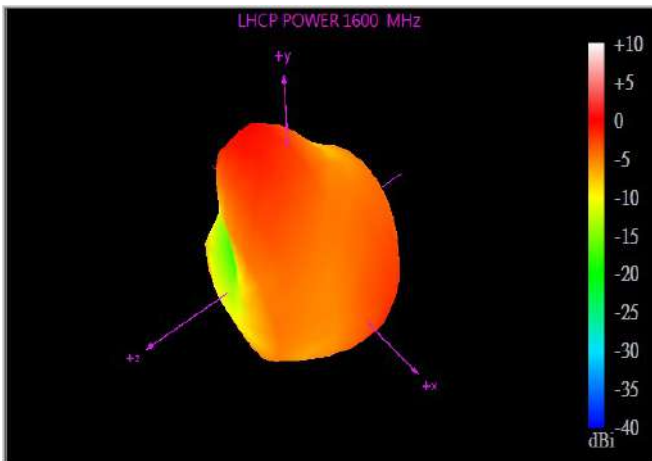
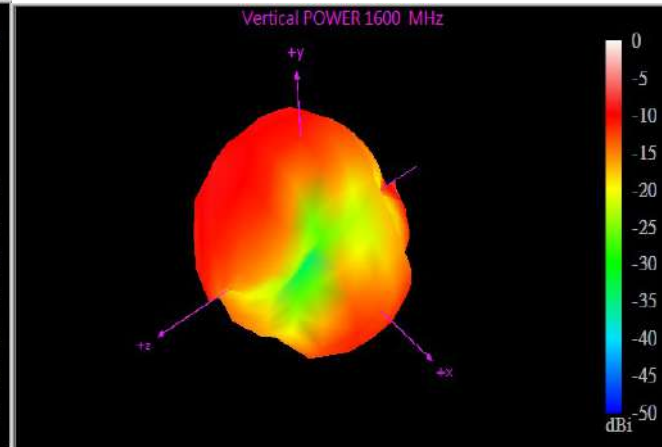
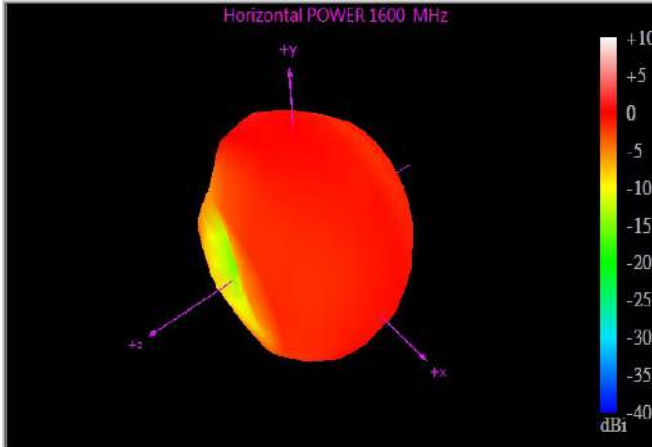
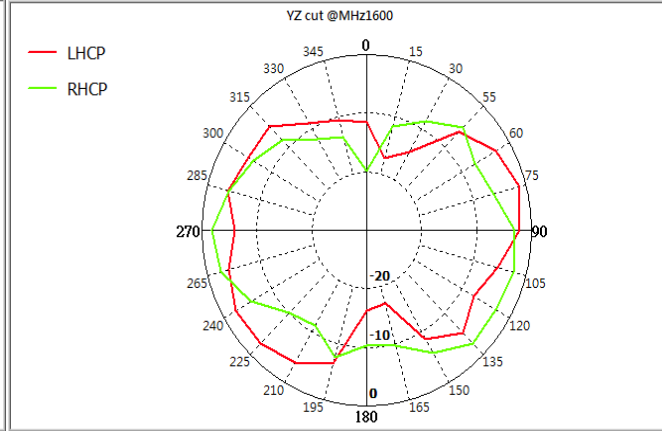
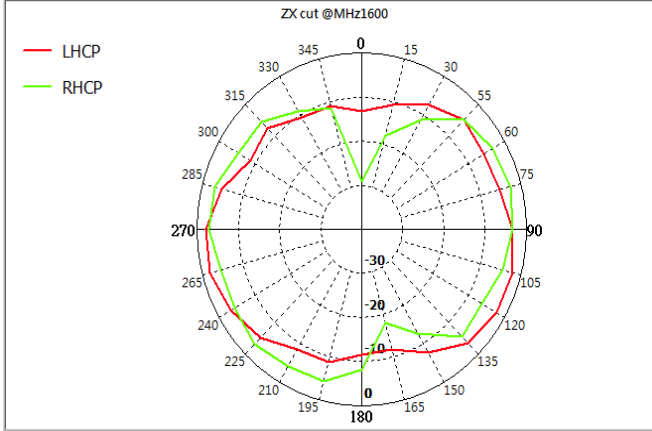
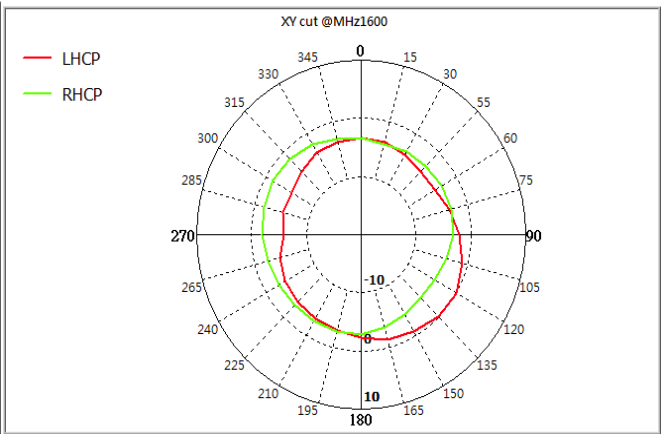
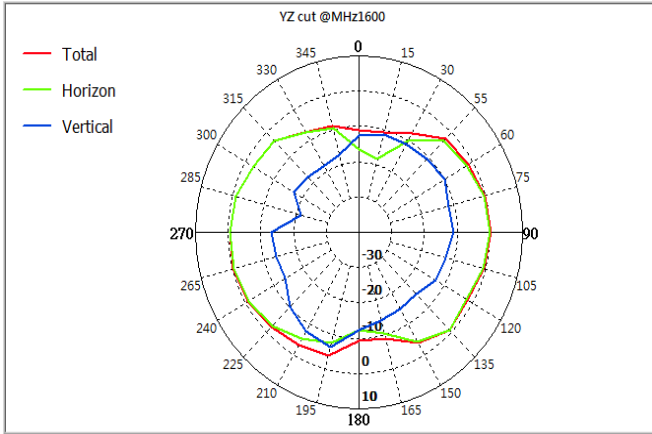
1500Mhz:

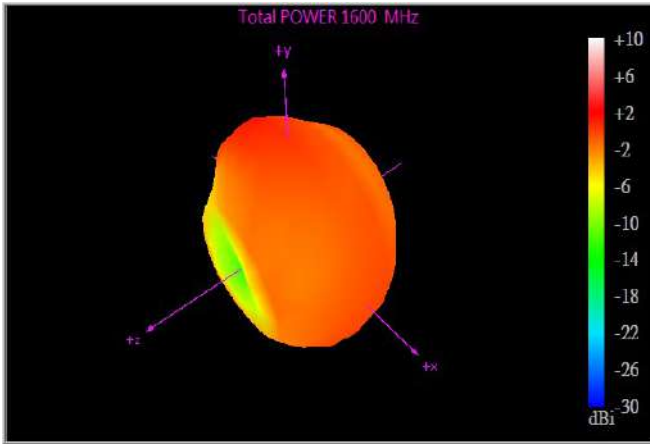




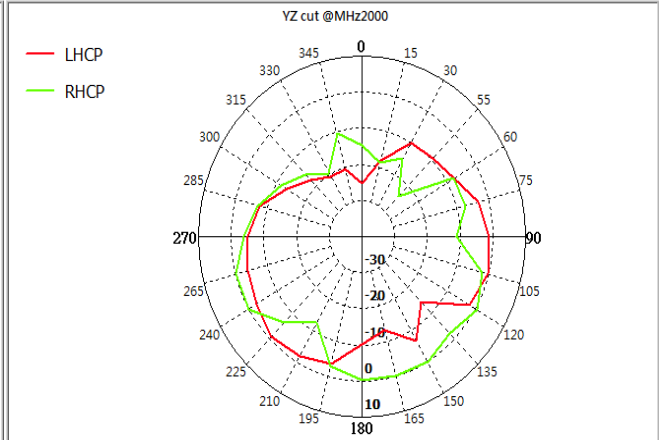
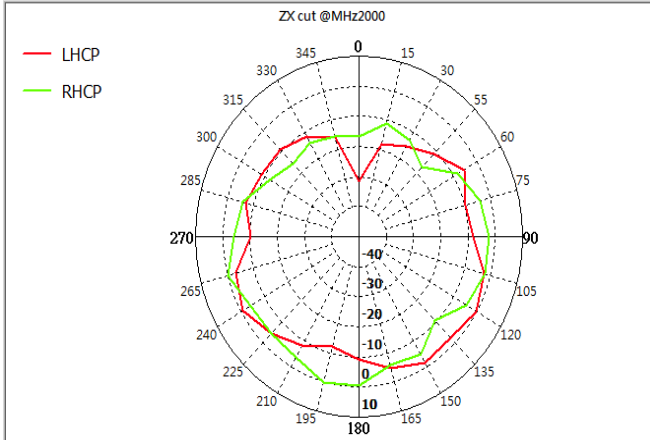
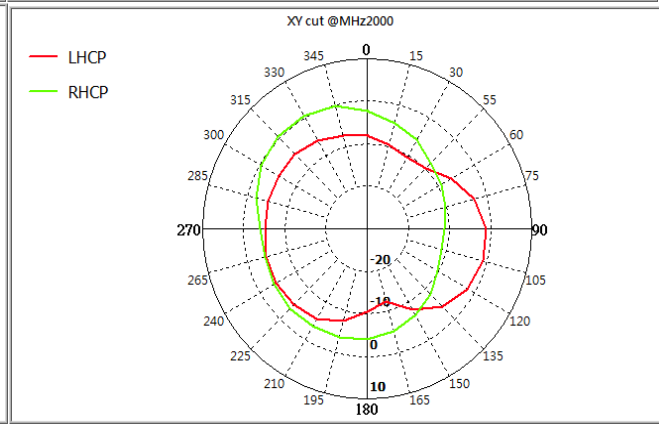
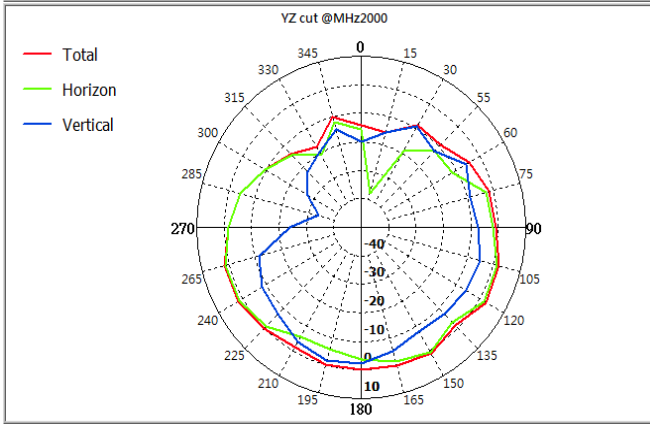
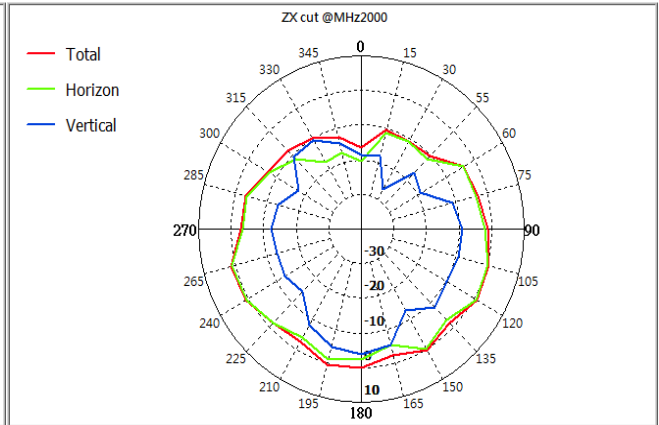
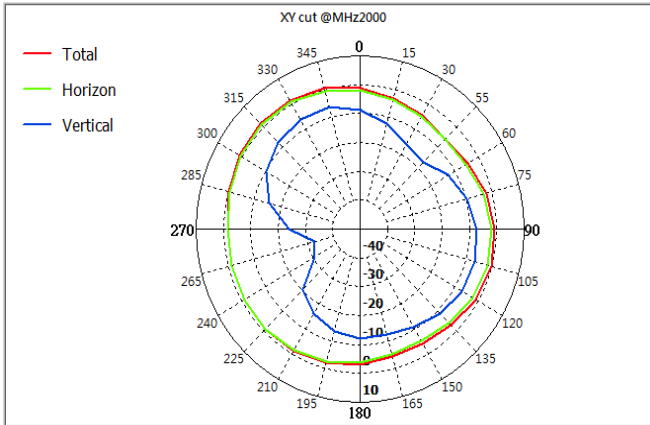
1600Mhz:

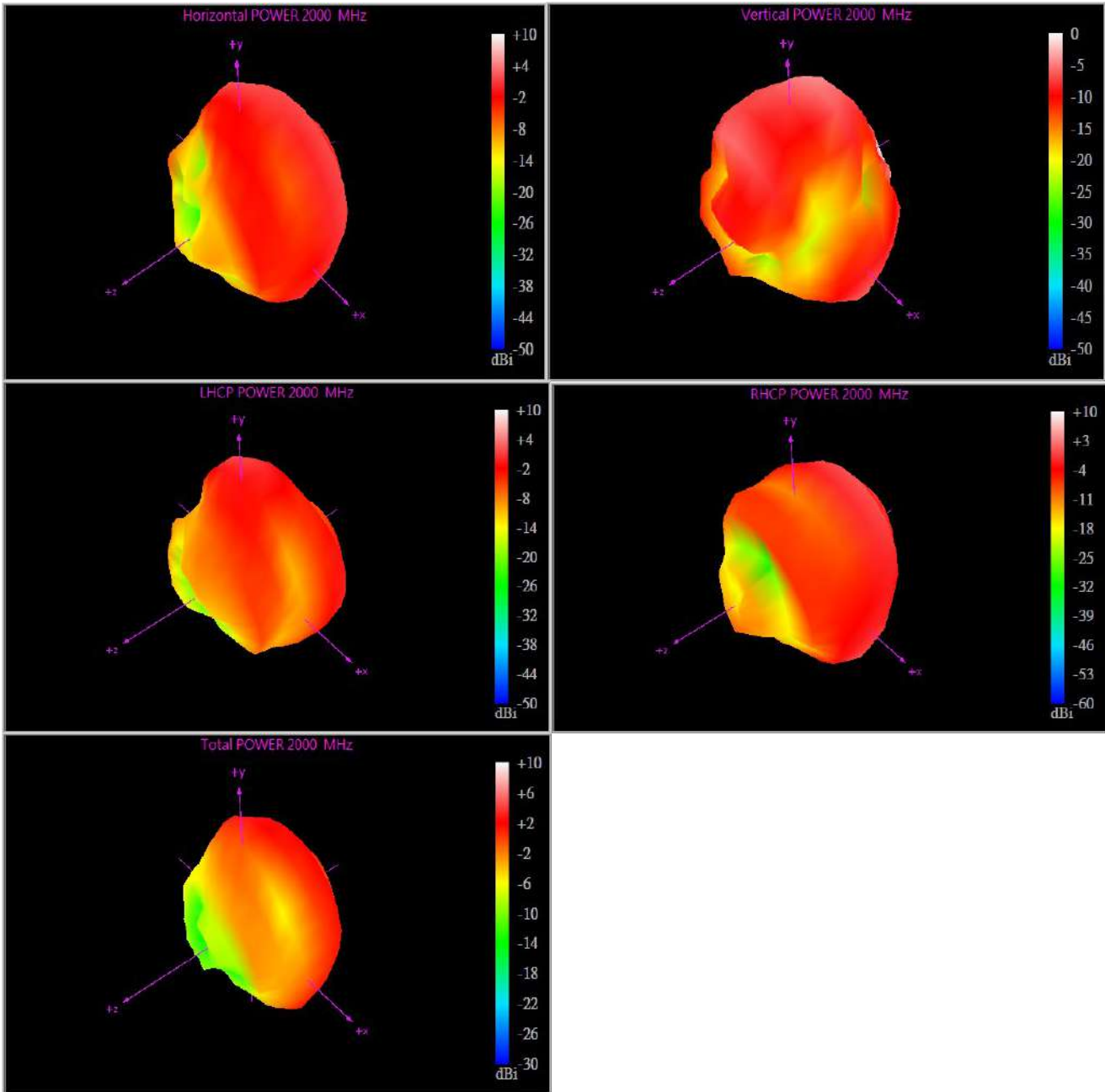




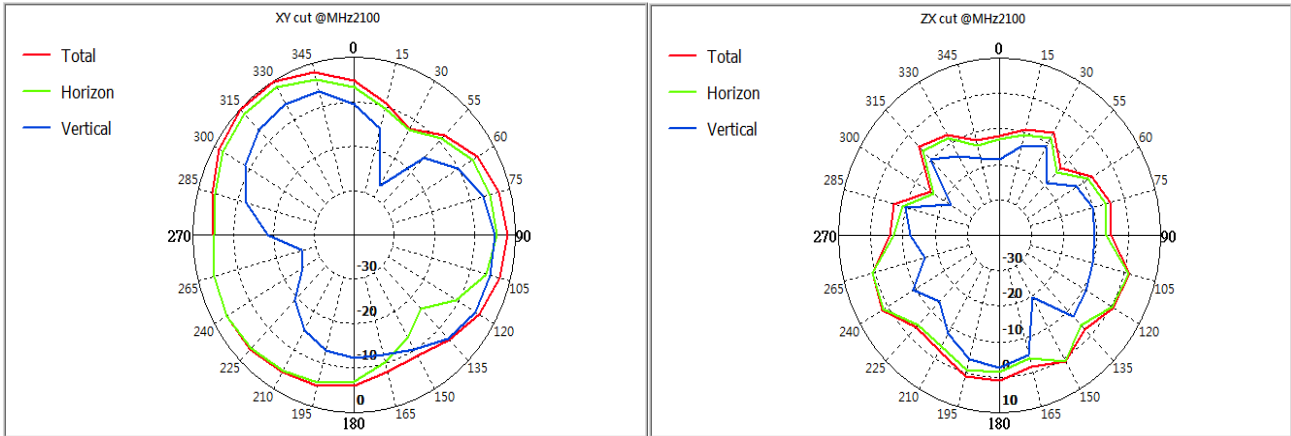


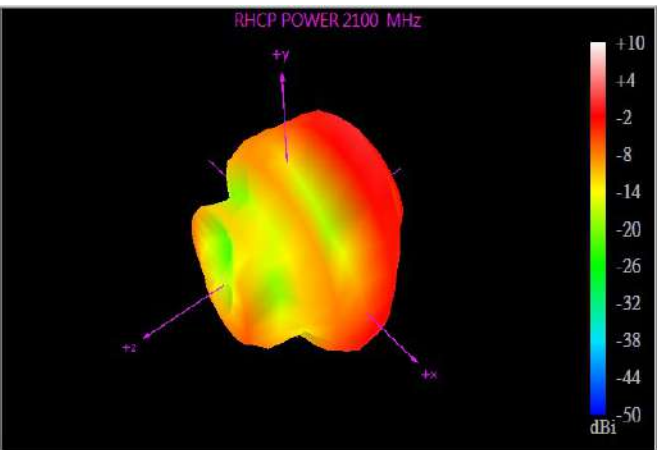
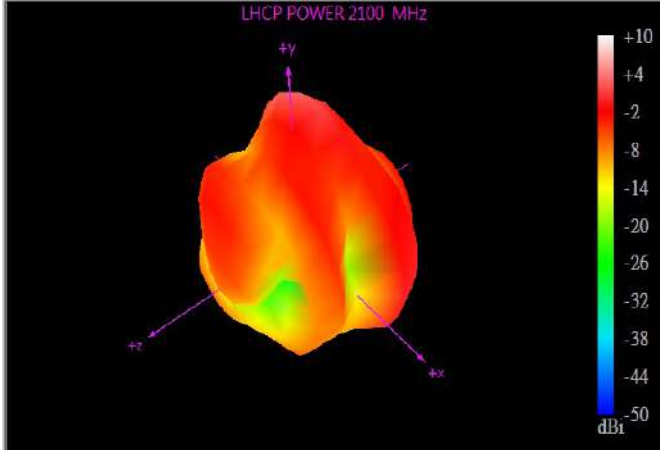
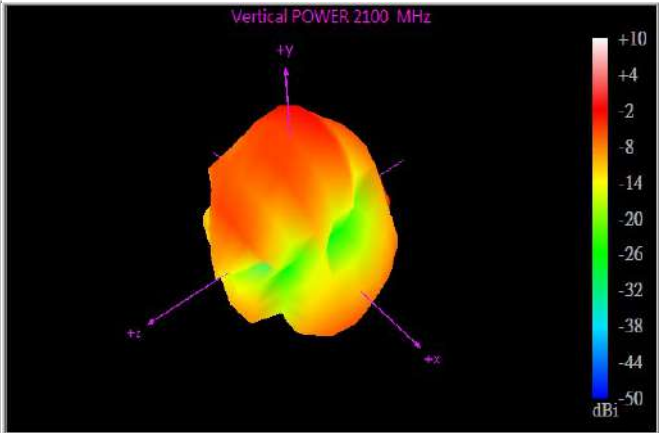
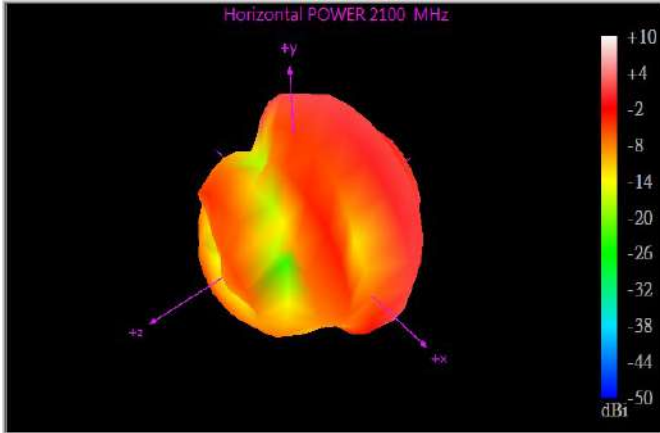
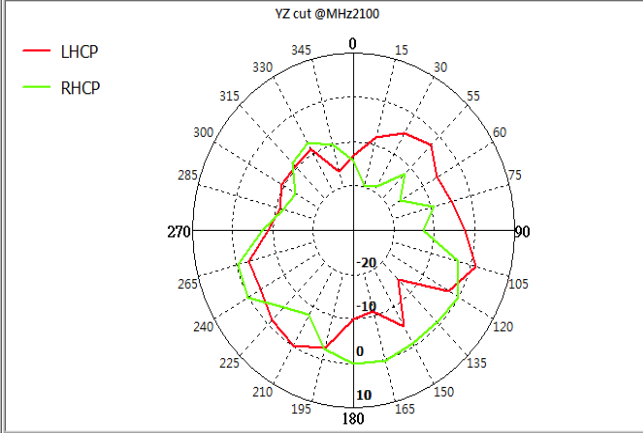
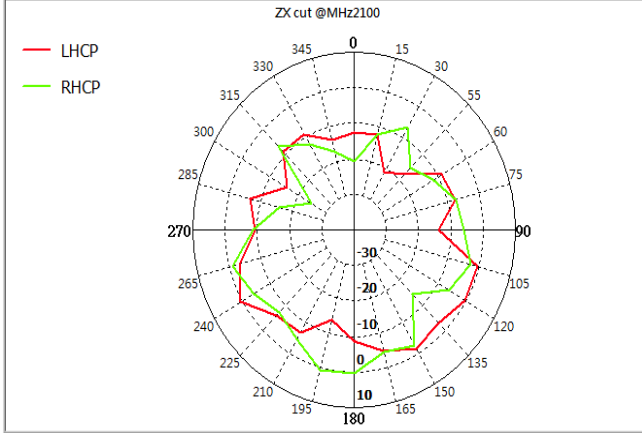
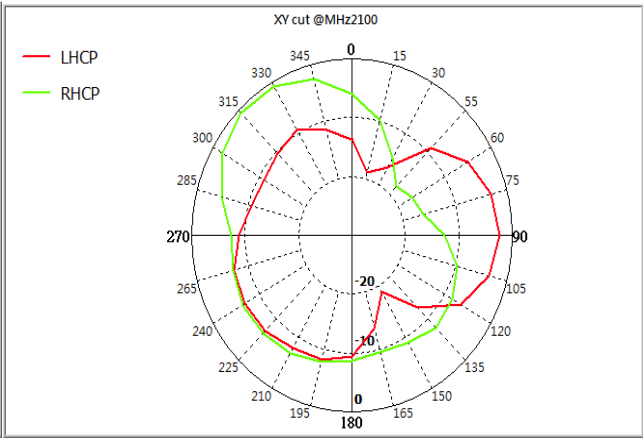
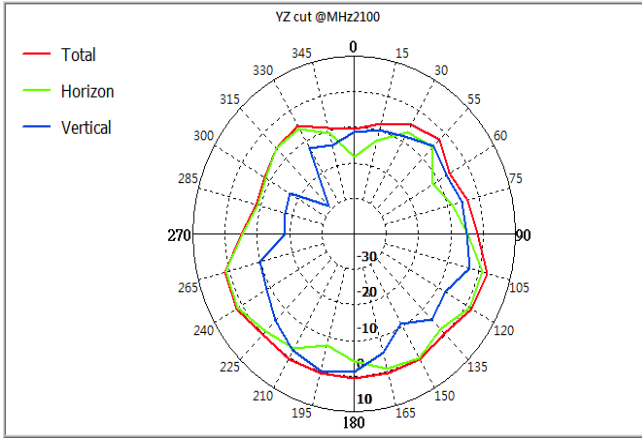
2000MHz:

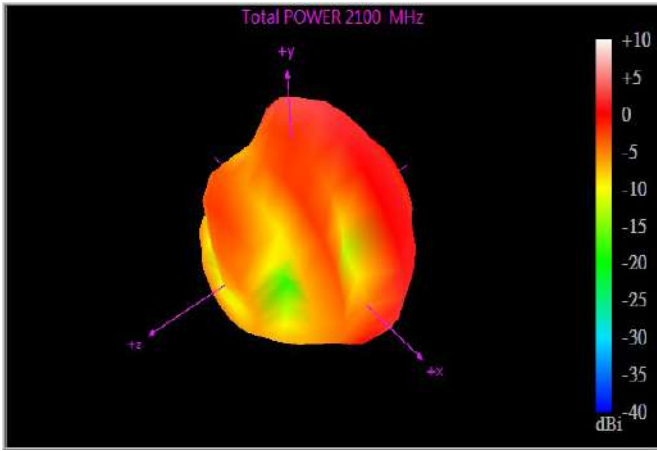




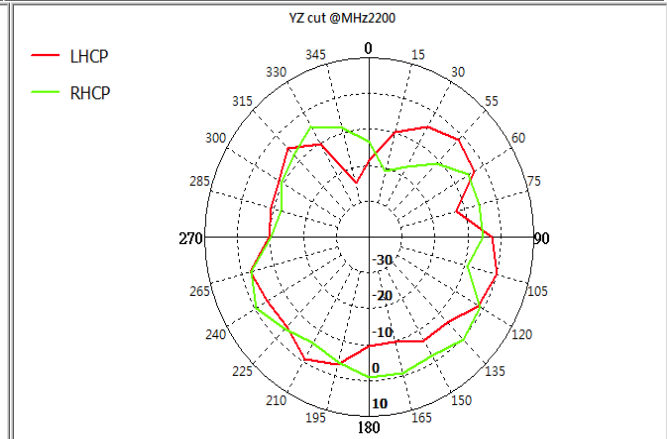
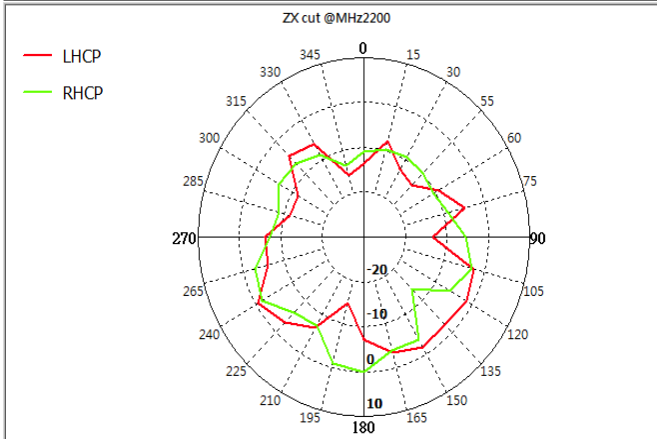
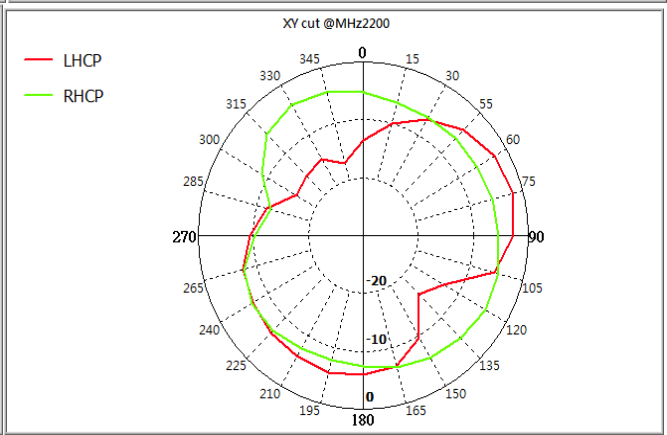
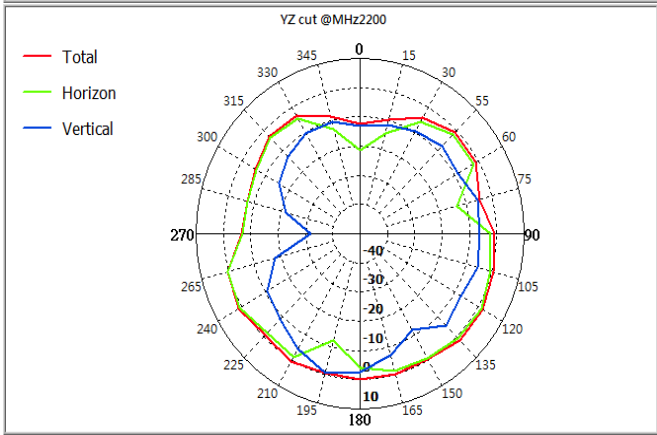
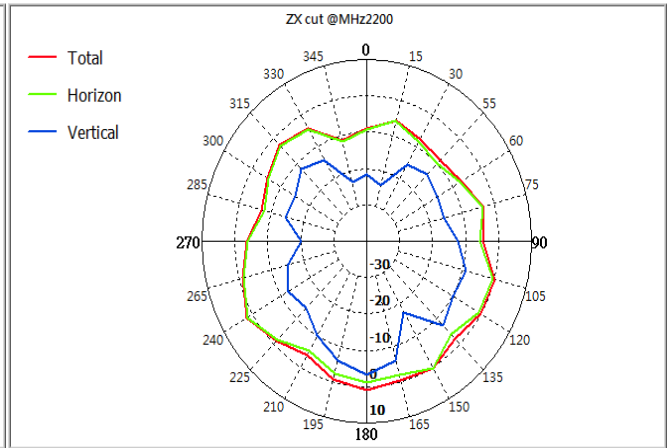
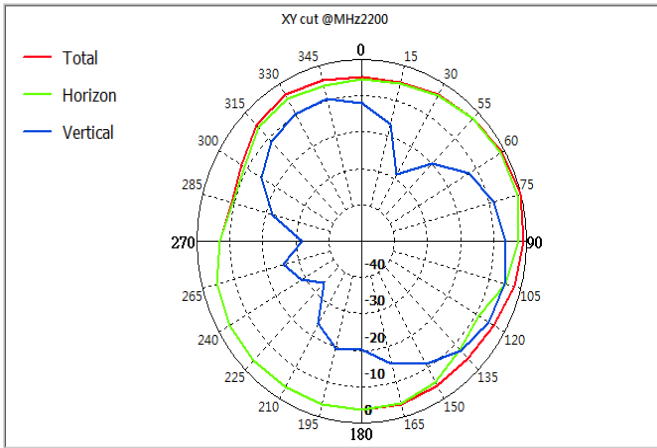
2100Mhz:

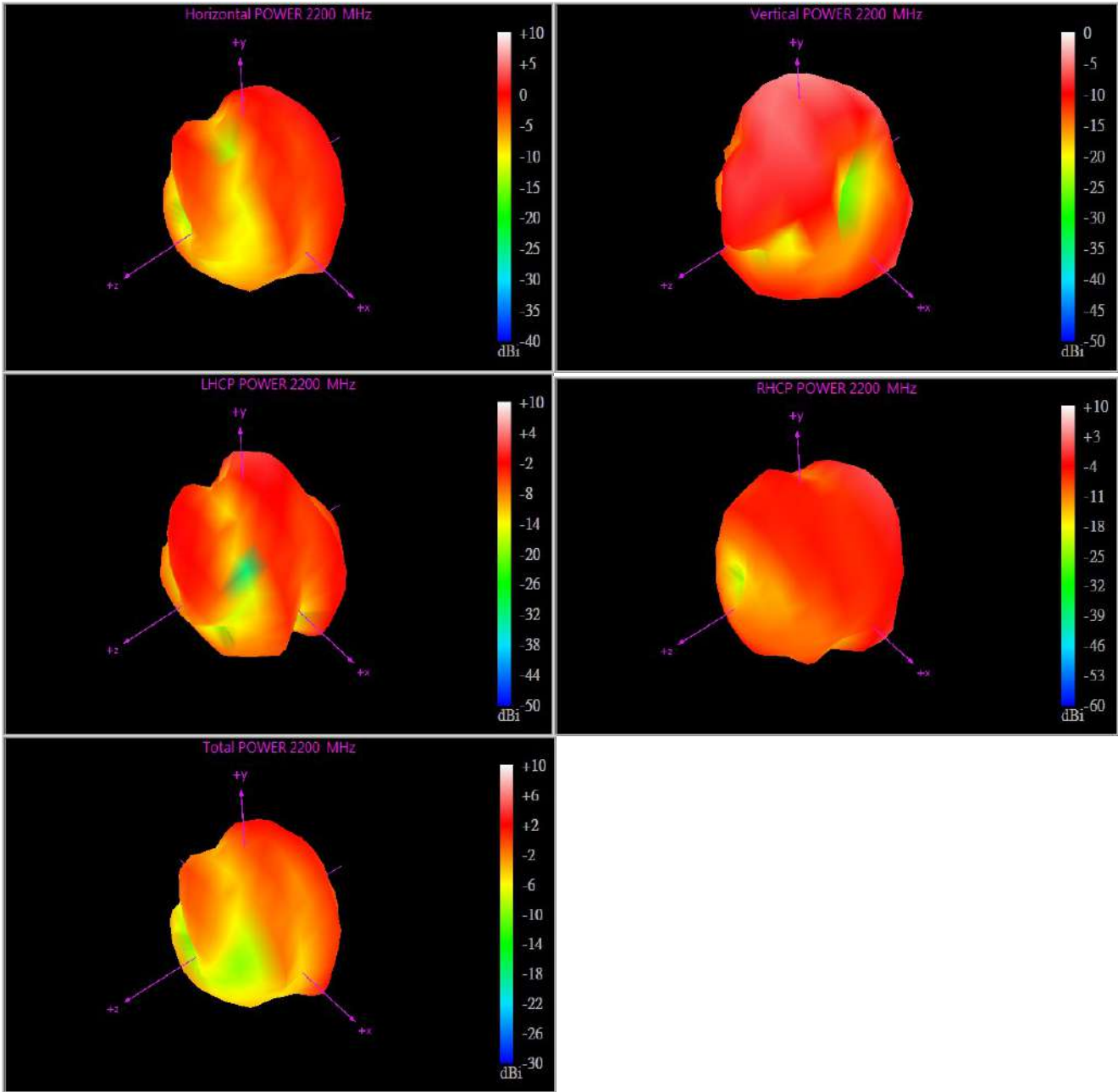




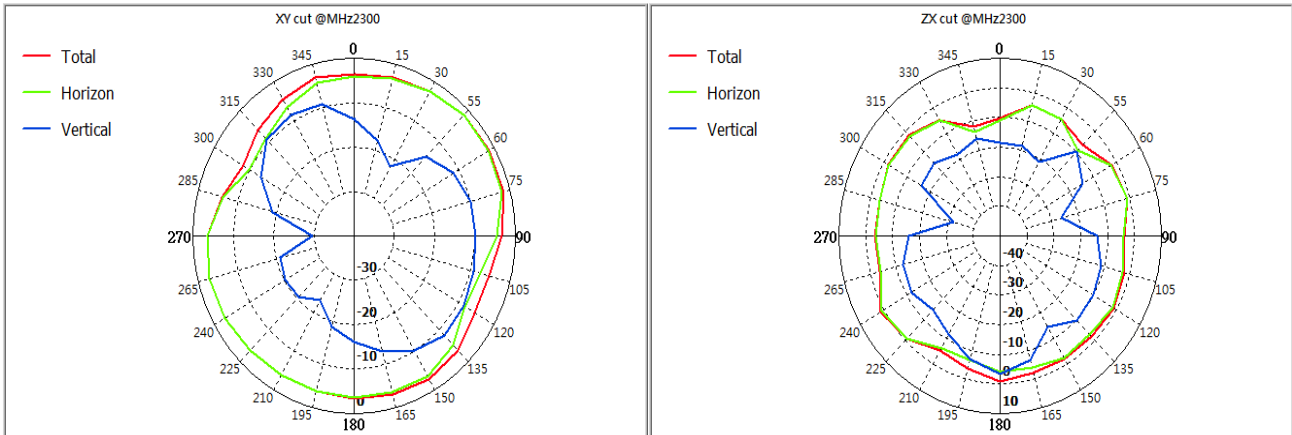


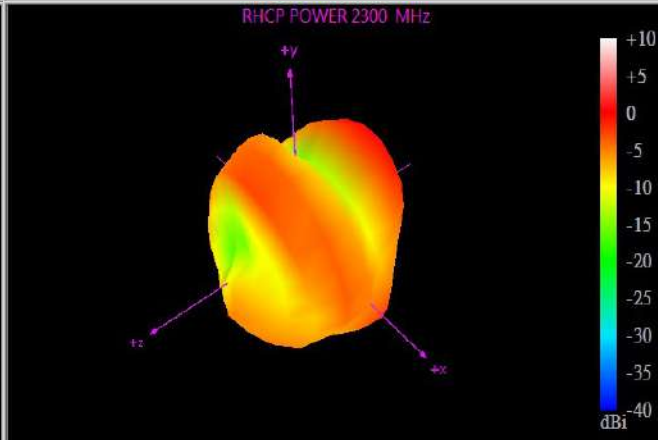
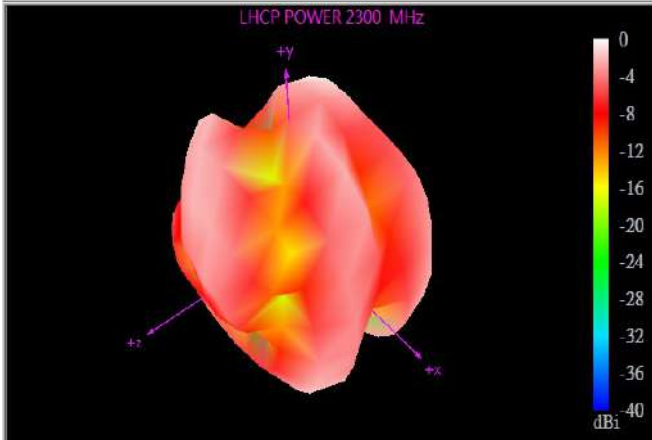
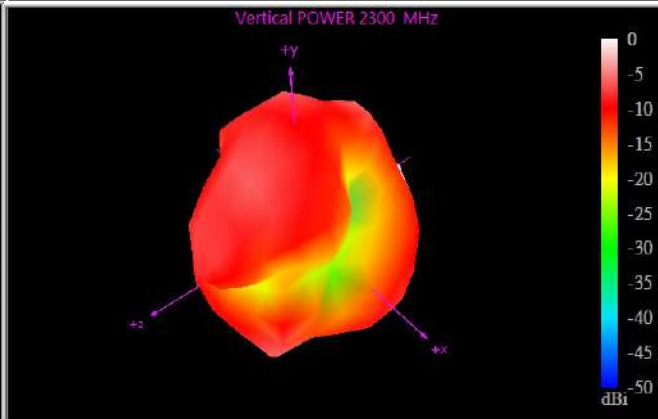
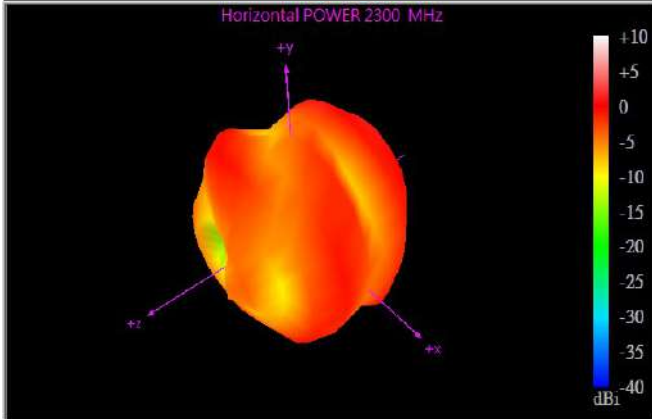
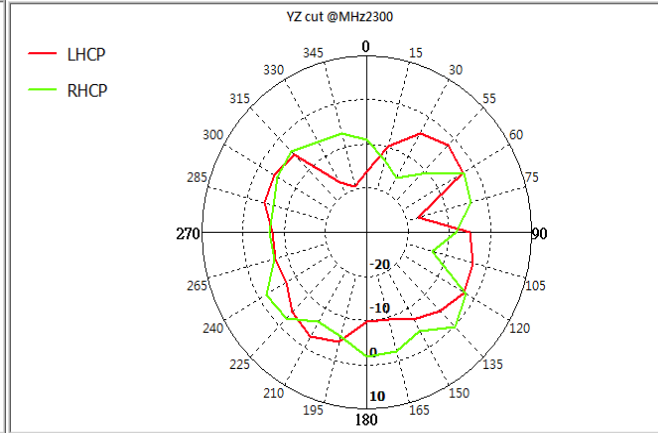
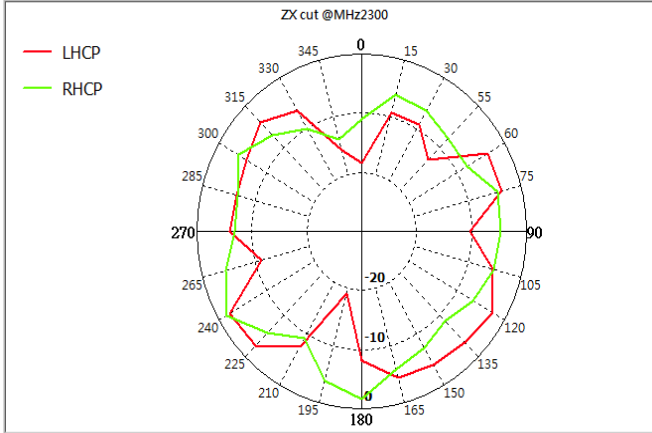
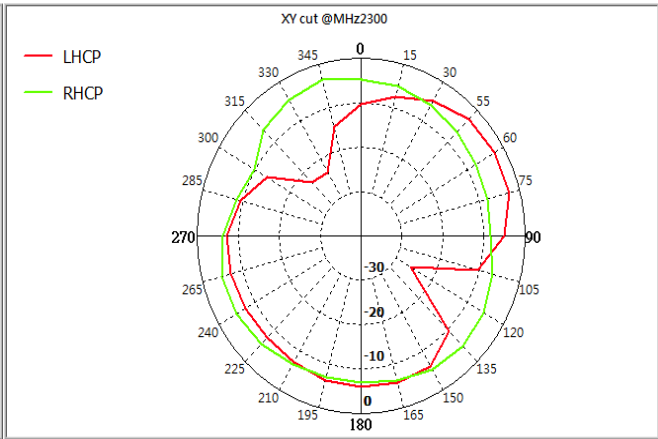
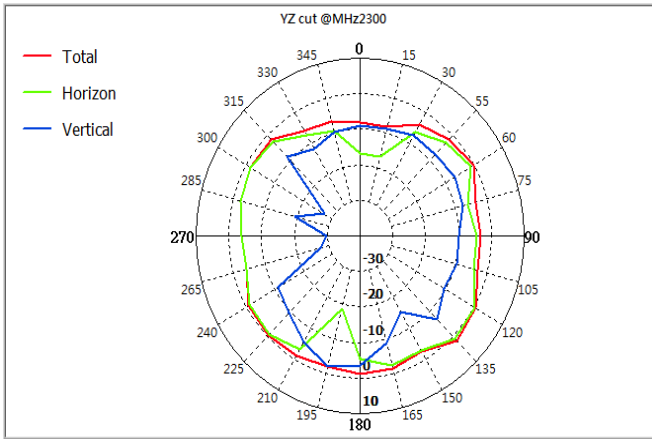
2200Mhz:

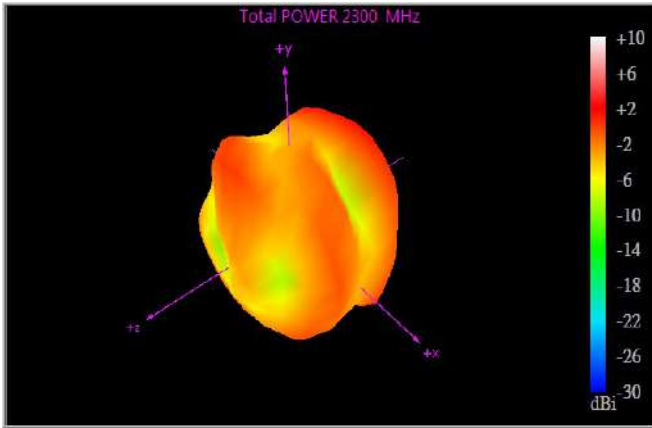




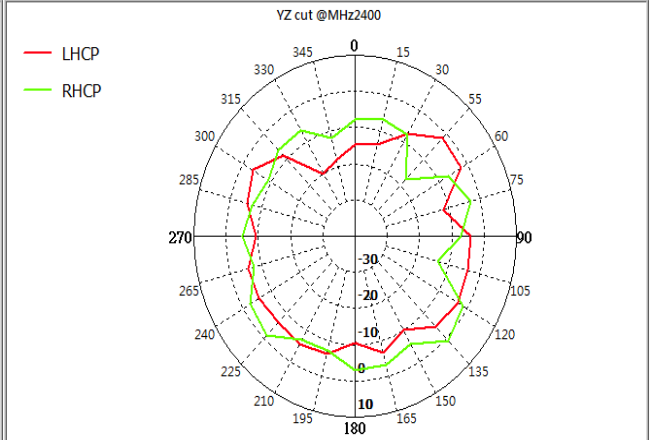
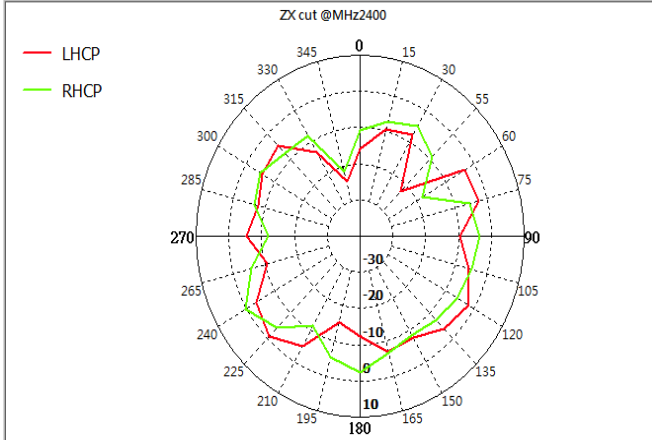
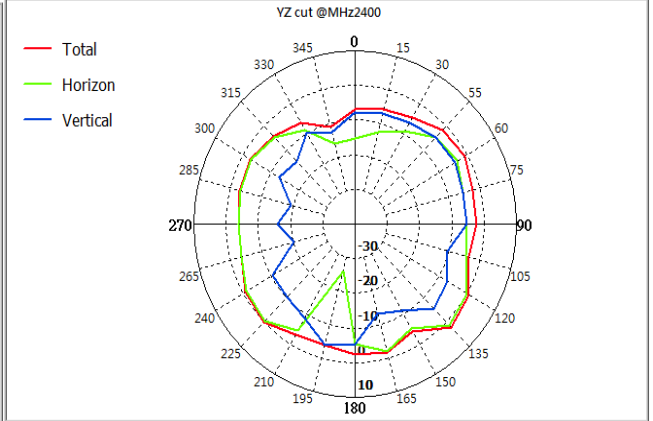
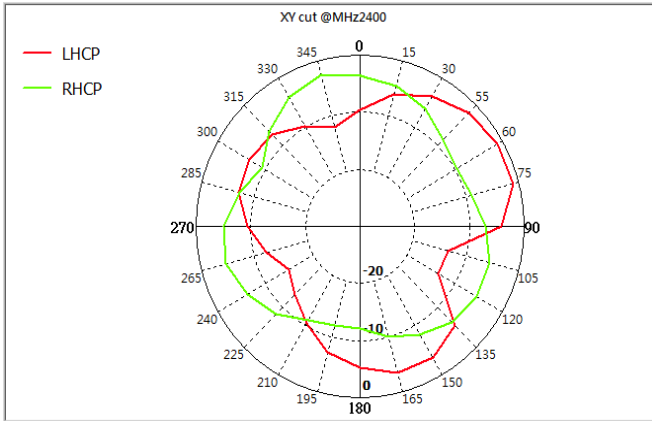
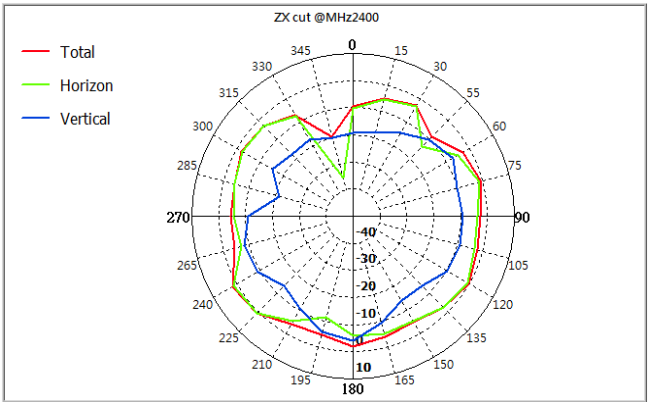
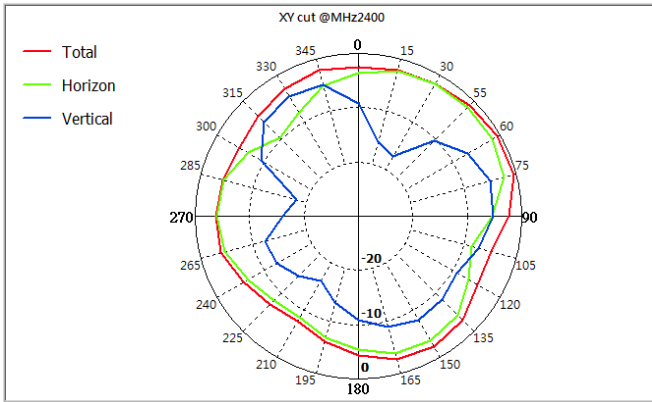
2300Mhz:

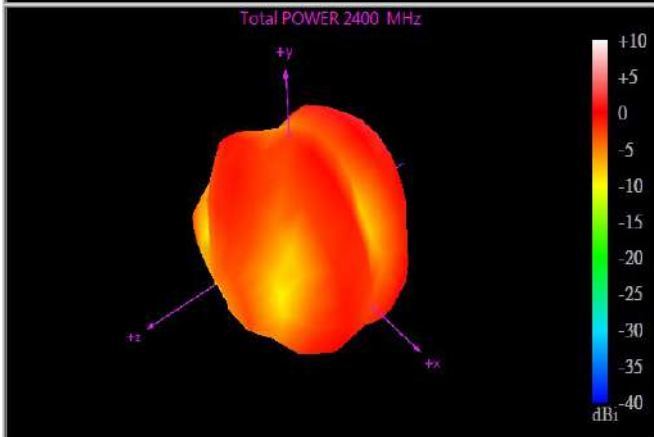
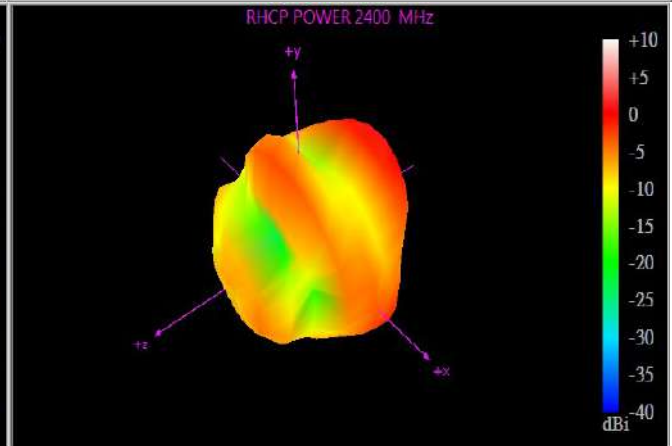
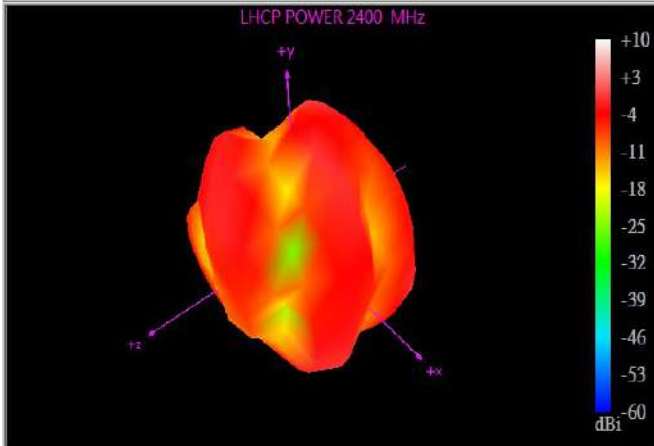
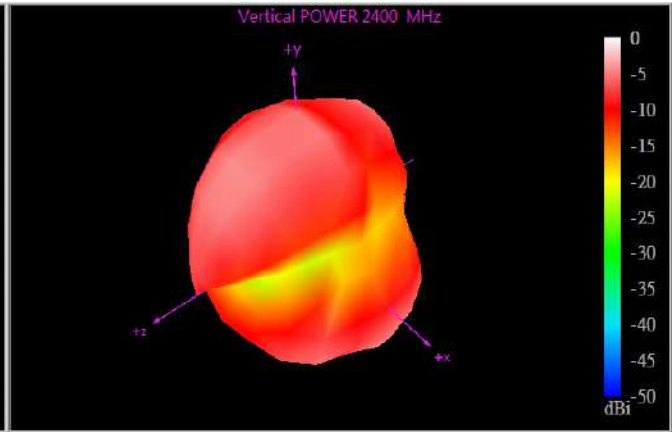
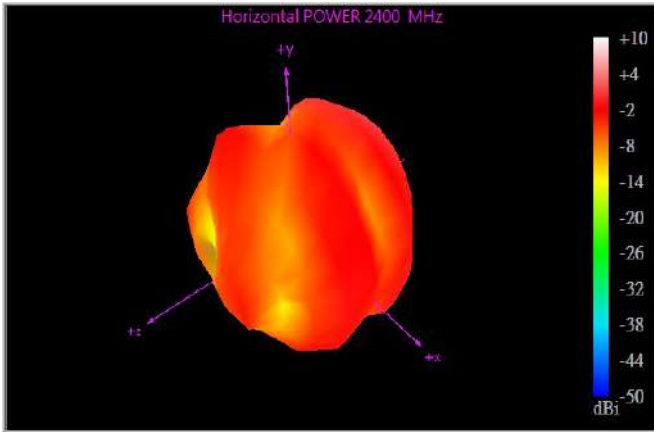




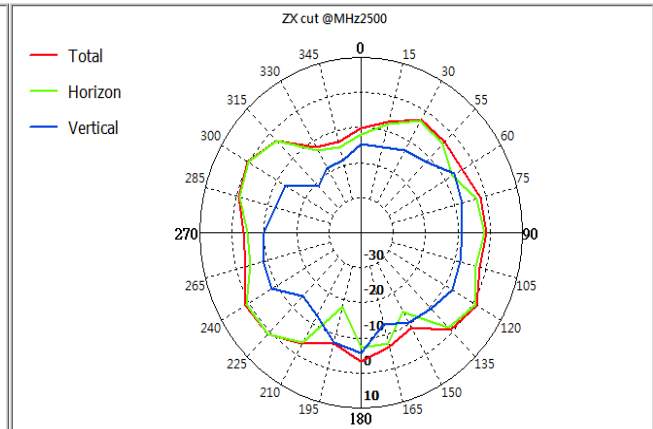
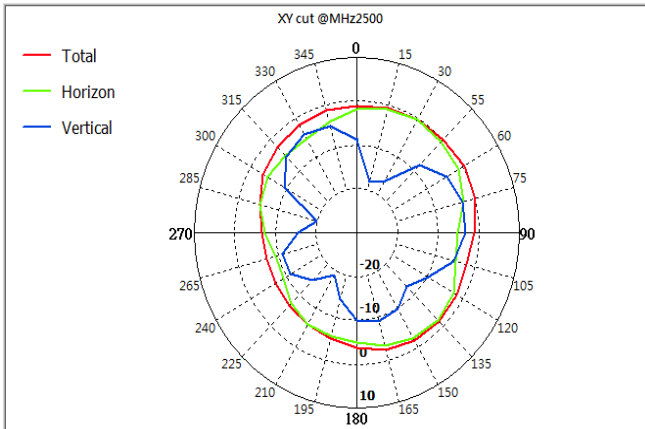


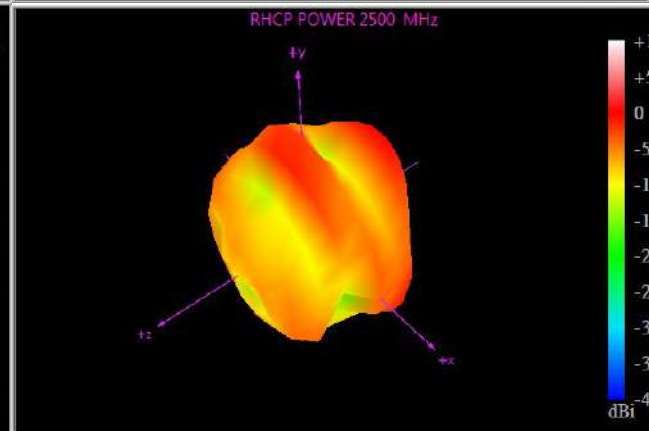
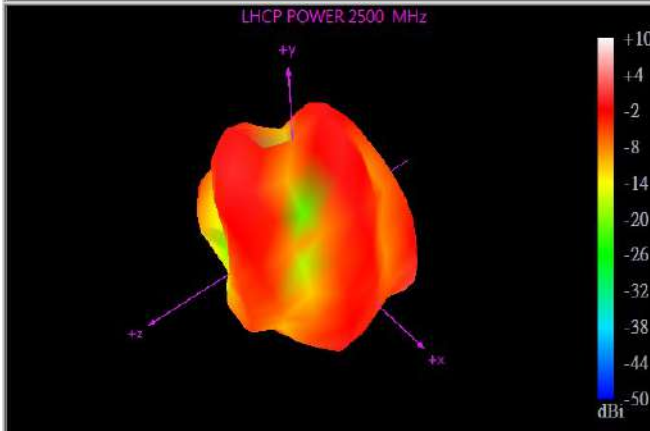
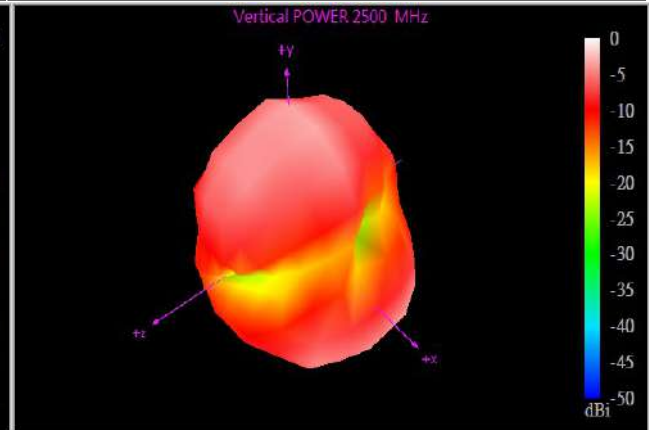
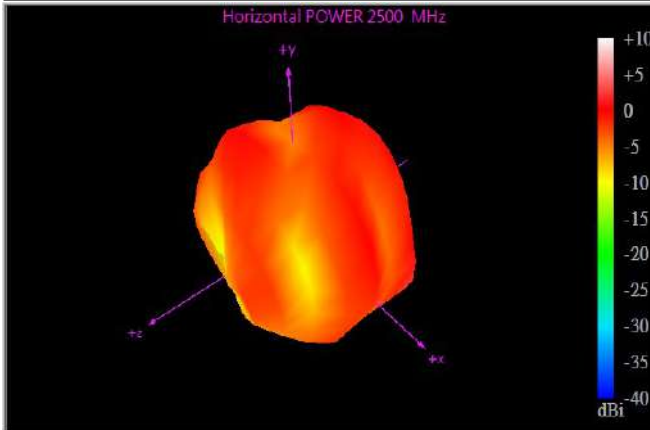
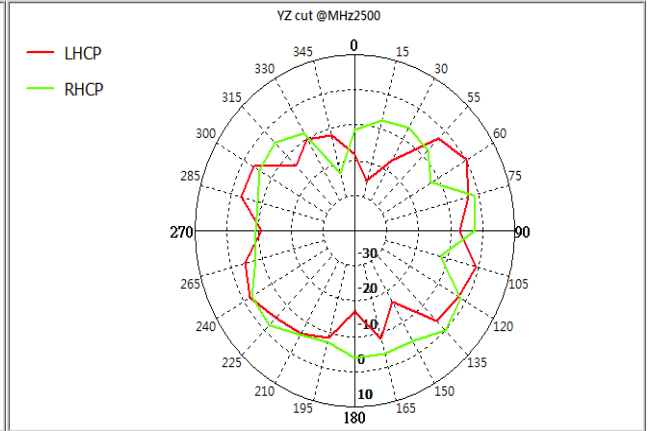
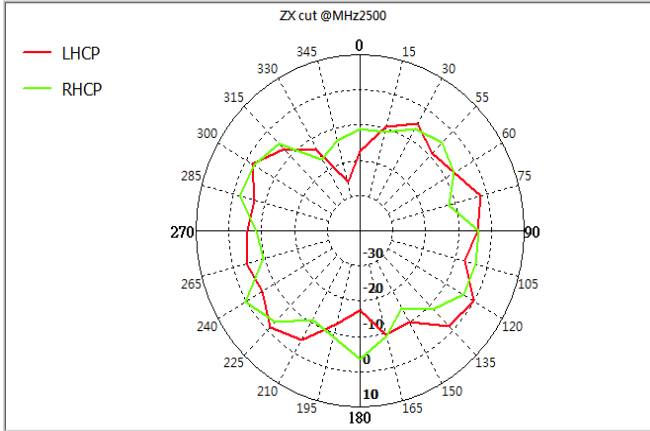
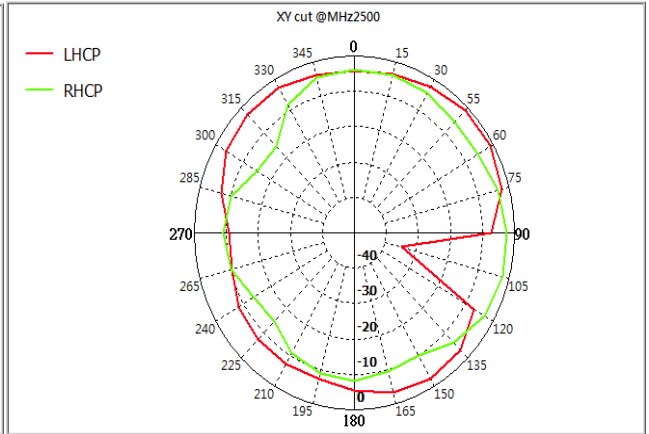
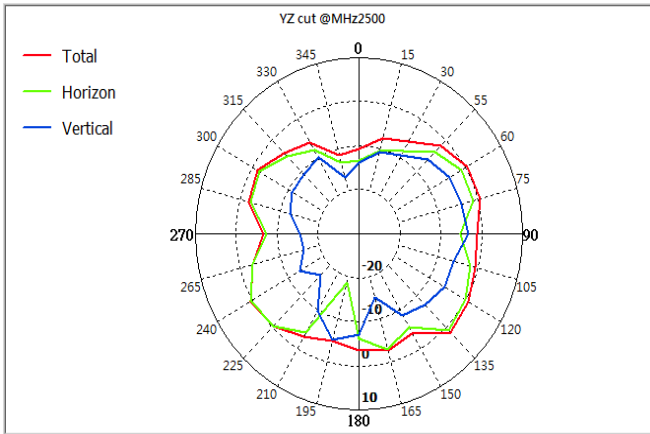
2400MHz:

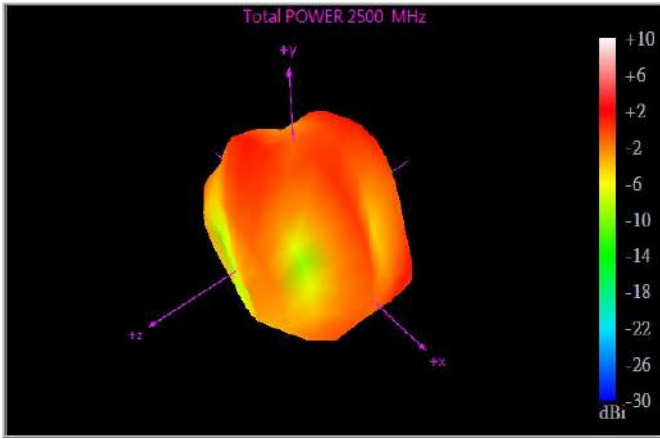




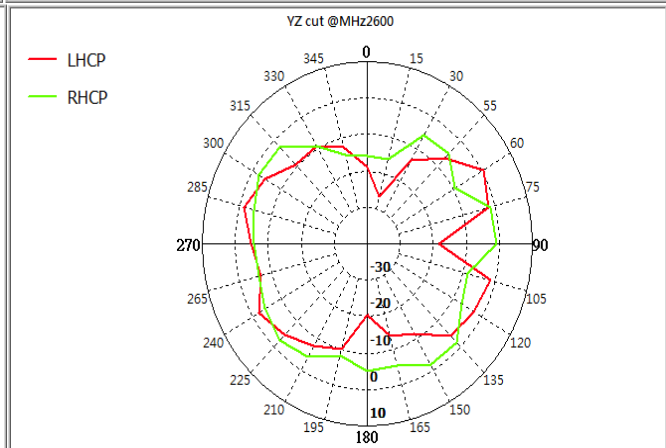
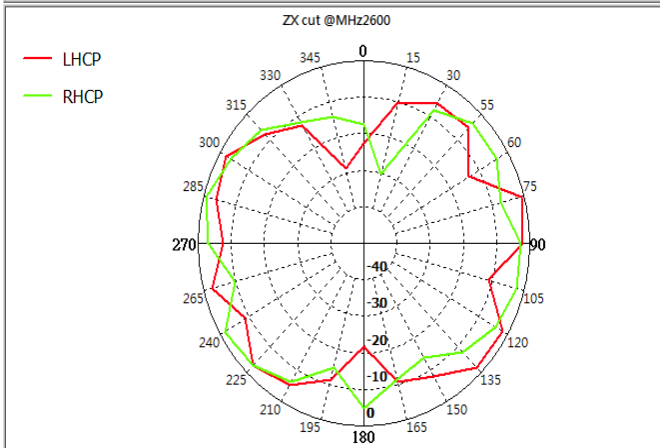
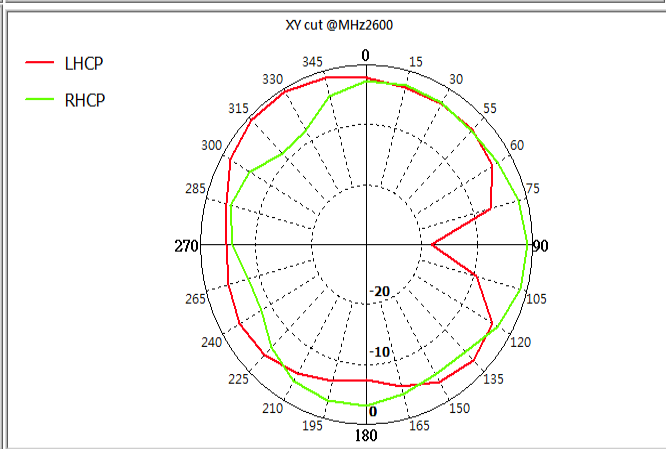
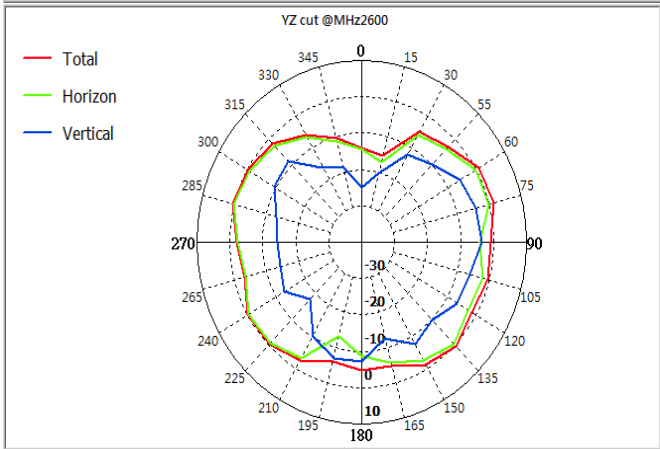
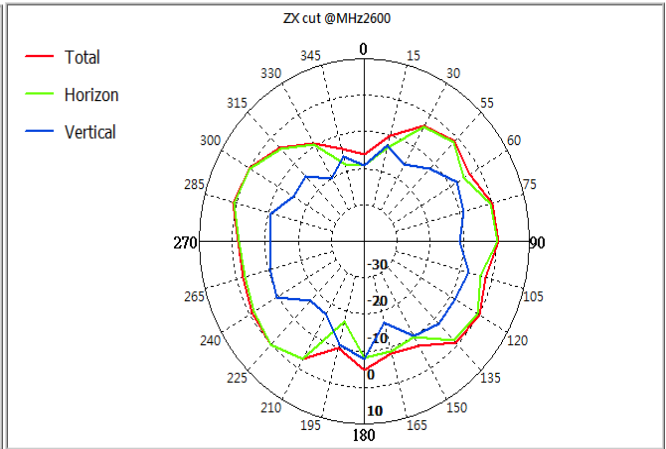
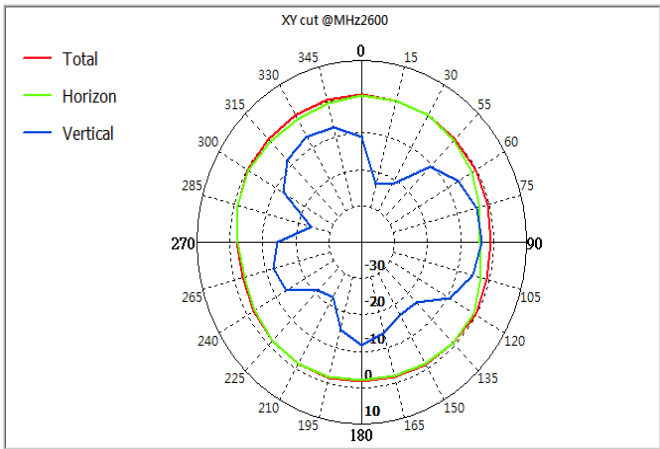
2500Mhz:

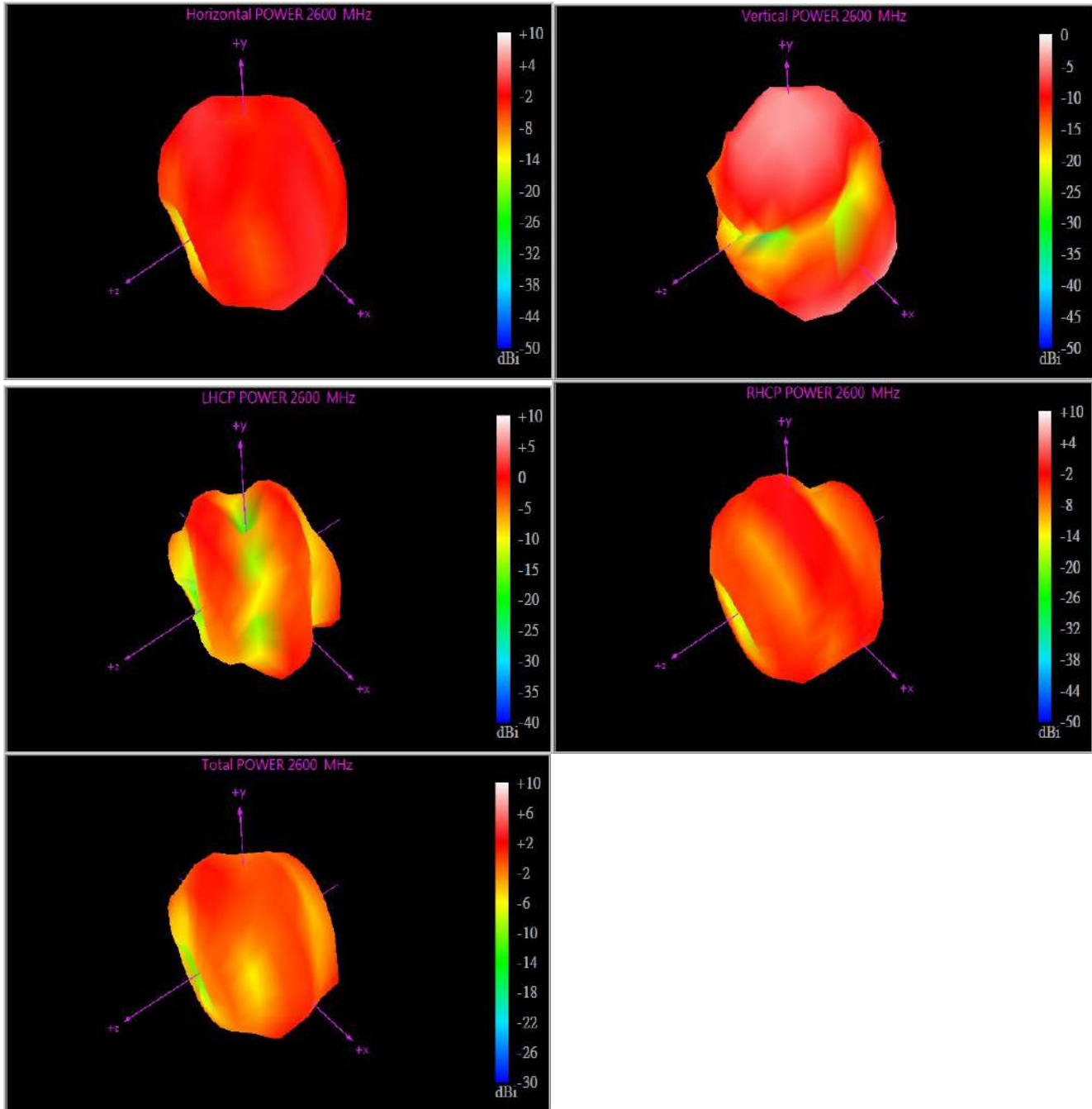






2600Mhz:





2700Mhz:

