

L & 2.2~2.6Ghz Antenna

MODEL: TH-1325



1.. GENERAL DESCRIPTION

Model No
TH1325-N(M)

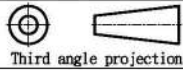
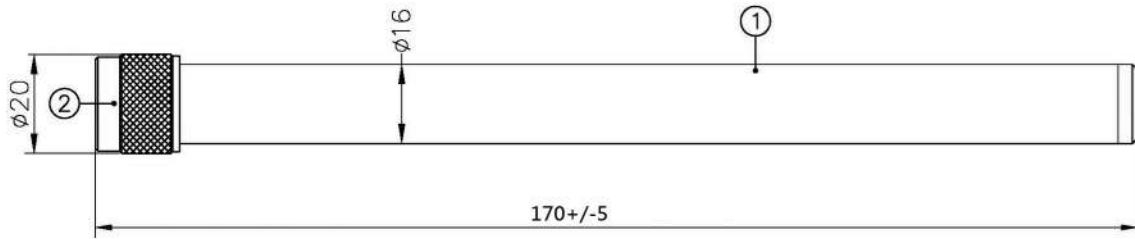
1.1 Electrical Properties

Parameter	Description
Frequency Band	1250~1350 & 2200~2600MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

1.2 Mechanical Properties

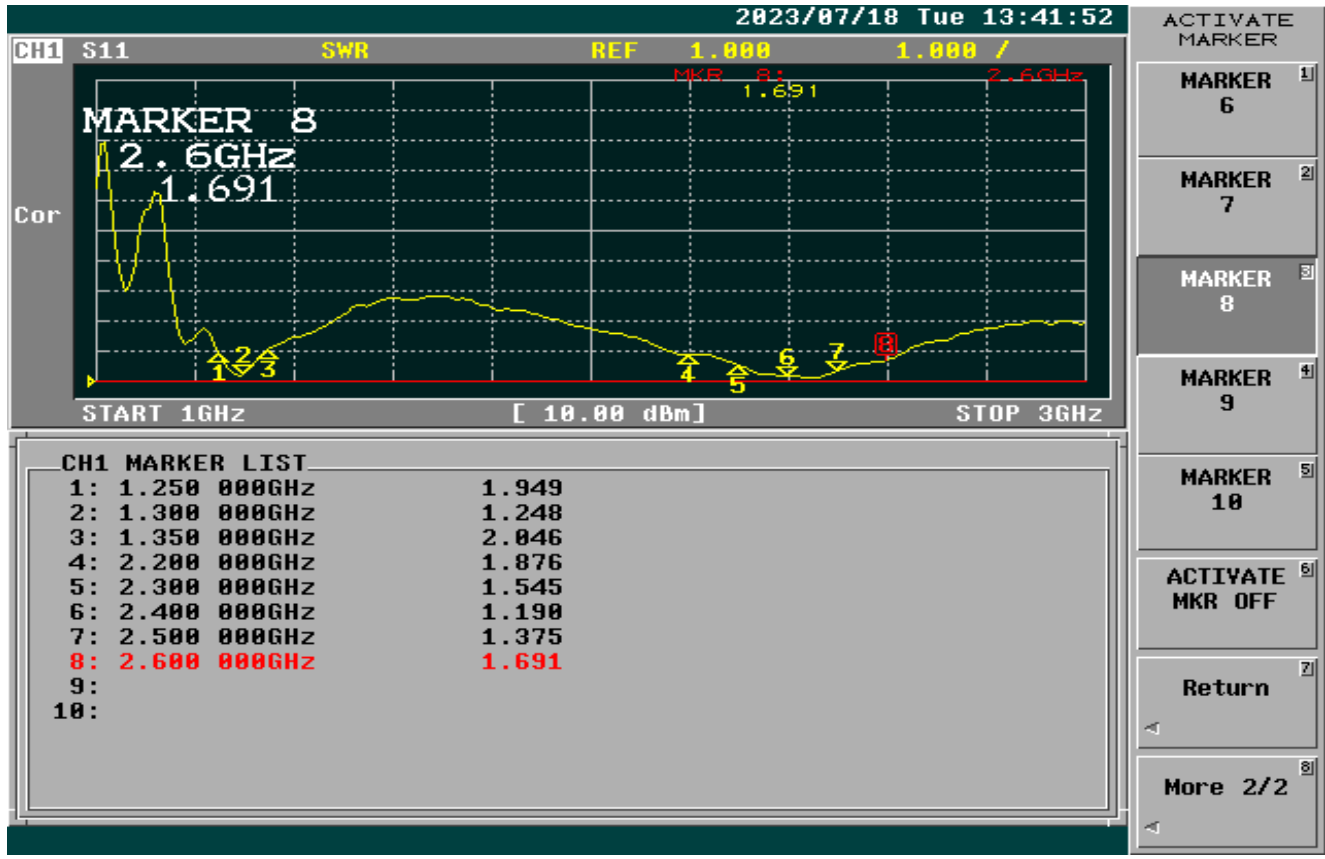
Parameter	Description
Antenna Type	External Antenna
Material	ASA
Mount Type	Screw Type
Connector Type	N connector (Male)
Antenna Dimensions	170mm \pm 5
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

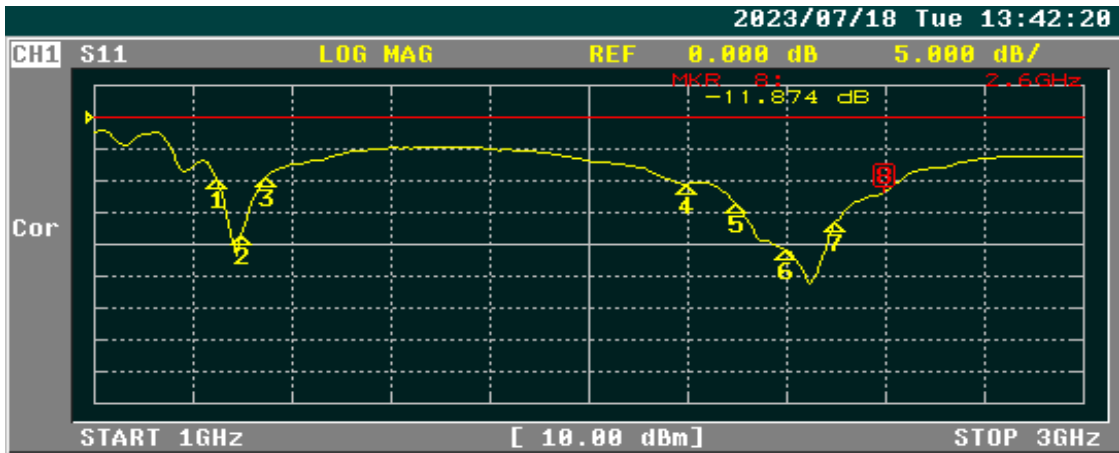
NO.	NAME	FINISH	Q, TY
01	Core tube	Black	01
02	N(Male)	Nickel plating	01



Third angle projection

CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
		TH-1325	1.25~1.35/2.2~2.6GHz	M/M		20230810	1
TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
SURFACE ROUGHNESS	$\frac{S}{\nabla}$	APPEARANCE					





CH1 MARKER LIST

1:	1.250 000GHz	-9.561 dB
2:	1.300 000GHz	-18.631 dB
3:	1.350 000GHz	-9.307 dB
4:	2.200 000GHz	-10.521 dB
5:	2.300 000GHz	-13.470 dB
6:	2.400 000GHz	-20.764 dB
7:	2.500 000GHz	-16.460 dB
8:	2.600 000GHz	-11.874 dB
9:		
10:		

FORMAT

LOG MAG 1

PHASE 2

DELAY 3

SMITH (R+jX) 4

SMITH (G+jB) 5

POLAR 6

LIN MAG 7

More 1/2 8



CH1 MARKER LIST

1:	1.250 000GHz	50.788 Ω	35.546 Ω	4.525nH
2:	1.300 000GHz	41.152 Ω	5.778 Ω	707.408pH
3:	1.350 000GHz	26.286 Ω	11.998 Ω	1.414nH
4:	2.200 000GHz	54.699 Ω	-32.149 Ω	2.250pF
5:	2.300 000GHz	41.350 Ω	-17.272 Ω	4.006pF
6:	2.400 000GHz	50.714 Ω	-9.087 Ω	7.297pF
7:	2.500 000GHz	65.954 Ω	-7.999 Ω	7.958pF
8:	2.600 000GHz	63.128 Ω	-26.250 Ω	2.331pF
9:				
10:				

FORMAT

LOG MAG 1

PHASE 2

DELAY 3

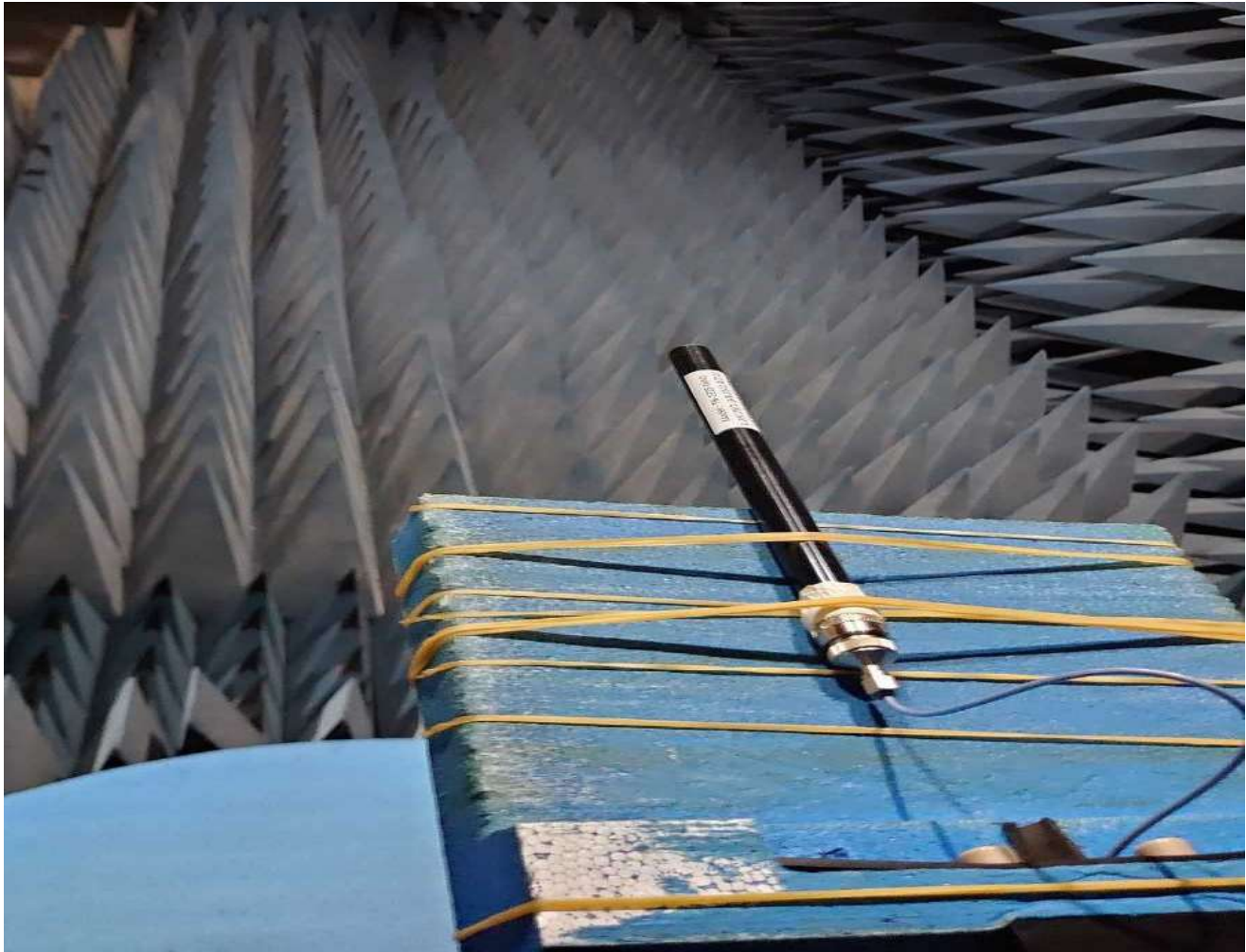
SMITH (R+jX) 4

SMITH (G+jB) 5

POLAR 6

LIN MAG 7

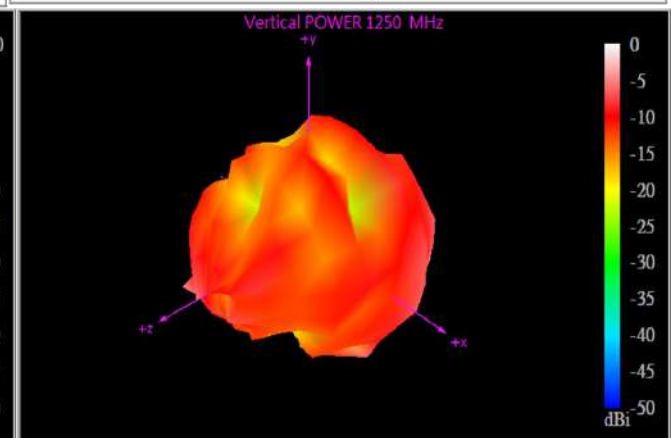
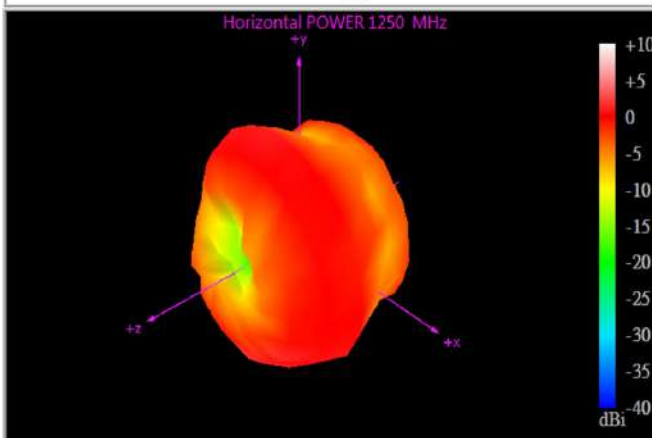
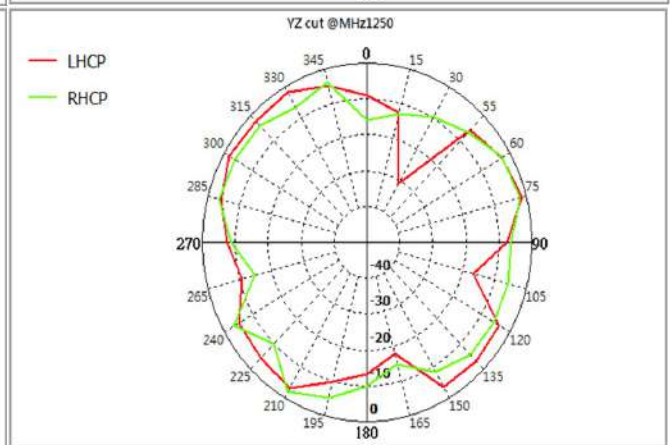
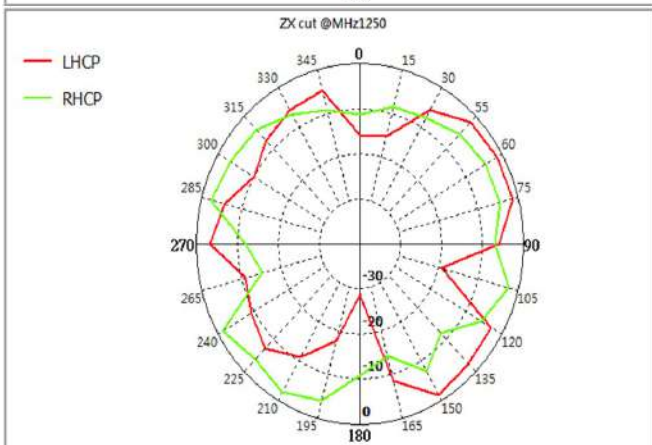
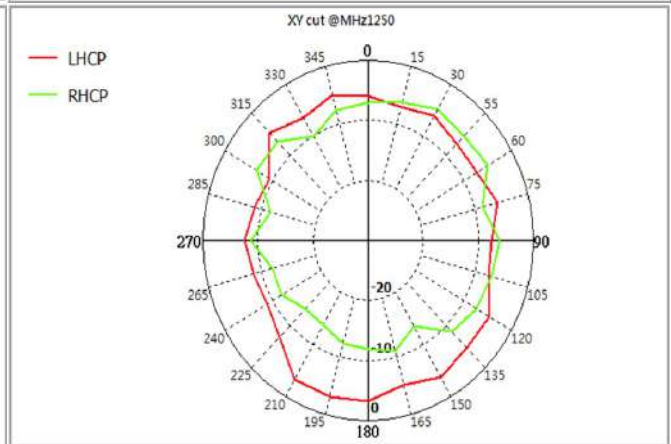
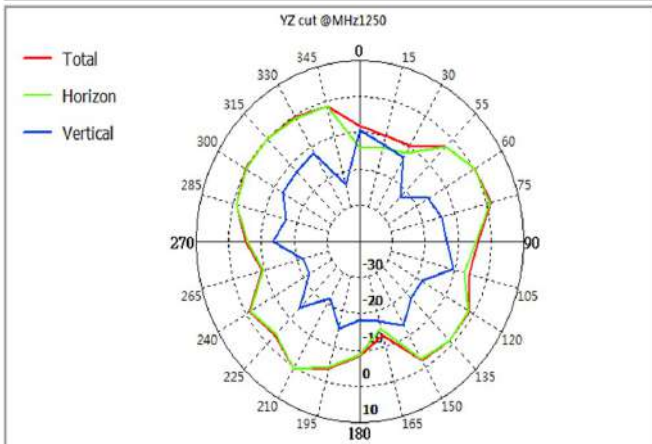
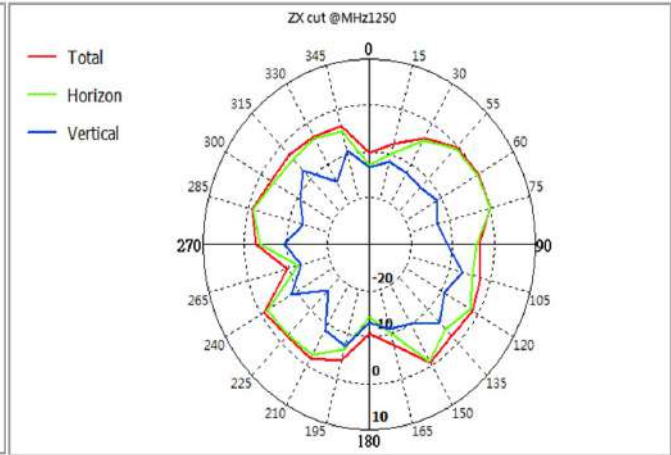
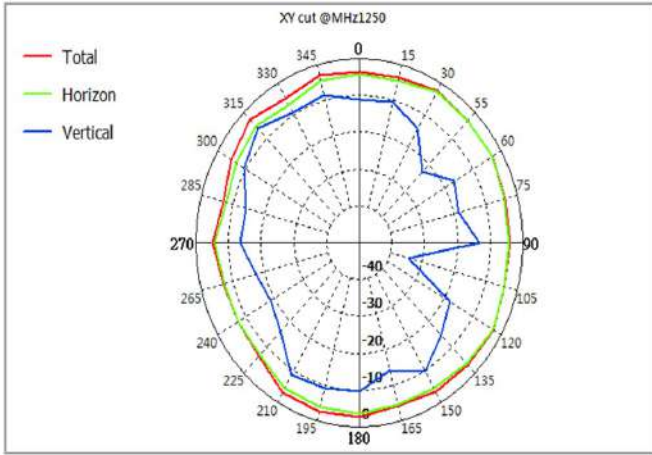
More 1/2 8

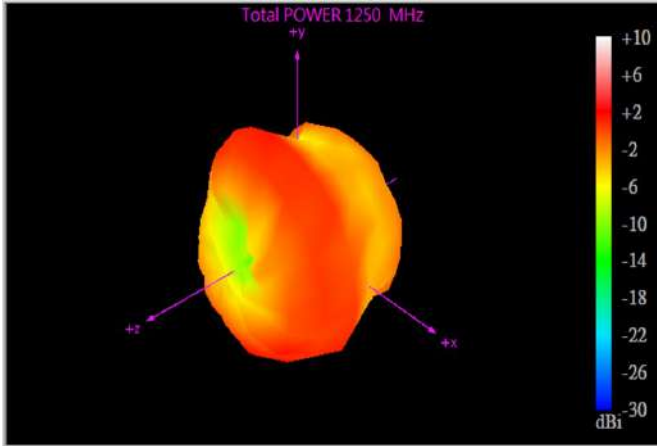
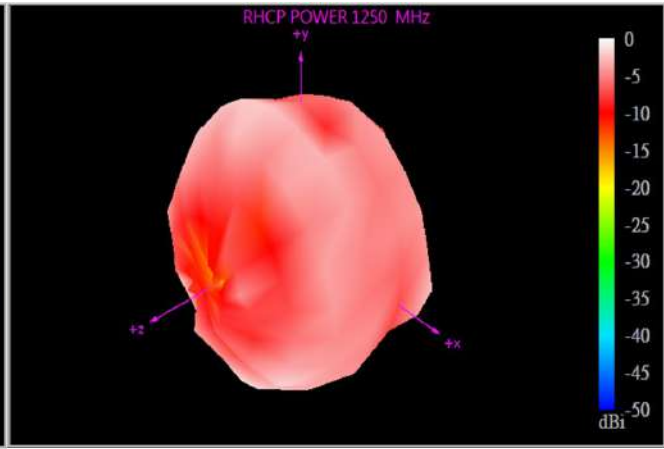
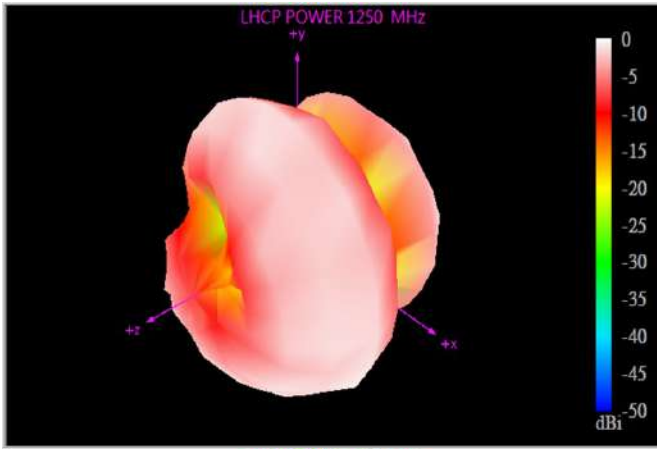


3D Total

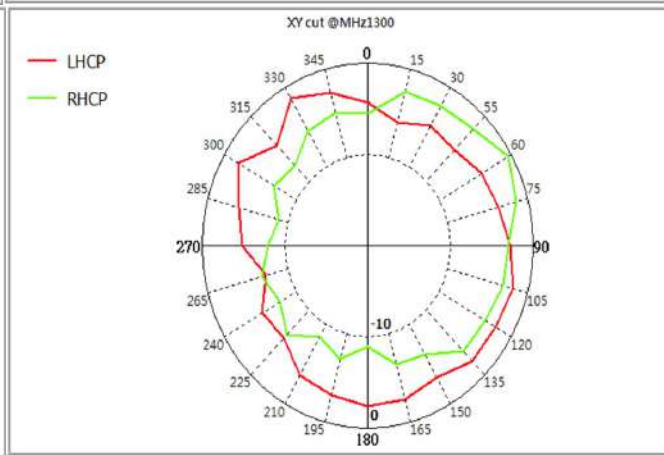
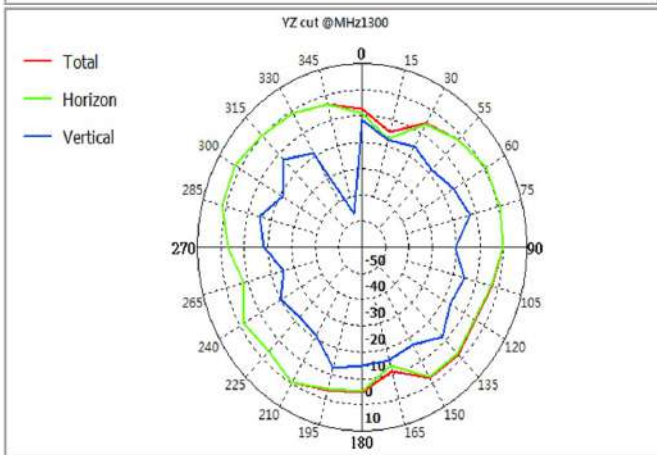
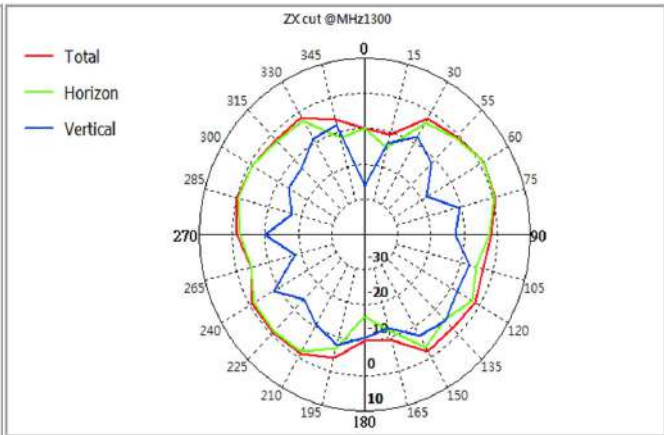
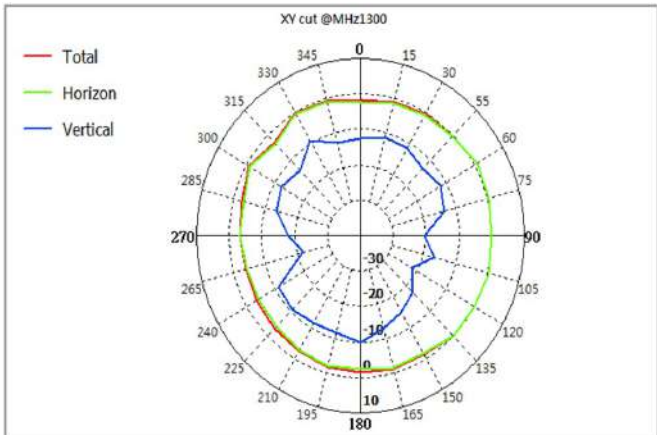
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1200 MHz	-6.37	-6.30	-3.32	46.52	0.52	-3.32
1250 MHz	-4.50	-6.31	-2.30	58.87	2.17	-2.30
1300 MHz	-3.75	-5.97	-1.71	67.40	2.34	-1.71
1350 MHz	-3.81	-6.07	-1.79	66.29	2.42	-1.79
1400 MHz	-5.03	-7.54	-3.09	49.05	0.85	-3.09
2200 MHz	-4.20	-6.91	-2.33	58.41	2.57	-2.33
2300 MHz	-3.32	-5.73	-1.35	73.24	3.29	-1.35
2400 MHz	-4.67	-6.38	-2.43	57.13	2.01	-2.43
2450 MHz	-3.55	-6.21	-1.67	68.03	3.73	-1.67
2500 MHz	-4.67	-7.08	-2.70	53.70	2.53	-2.70
2600 MHz	-6.39	-8.36	-4.25	37.57	1.32	-4.25

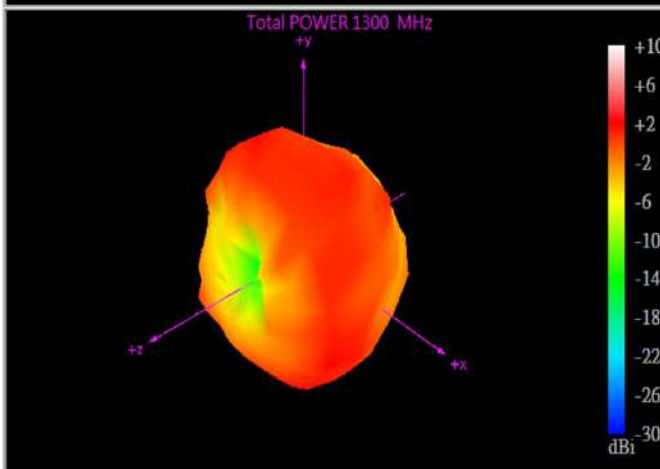
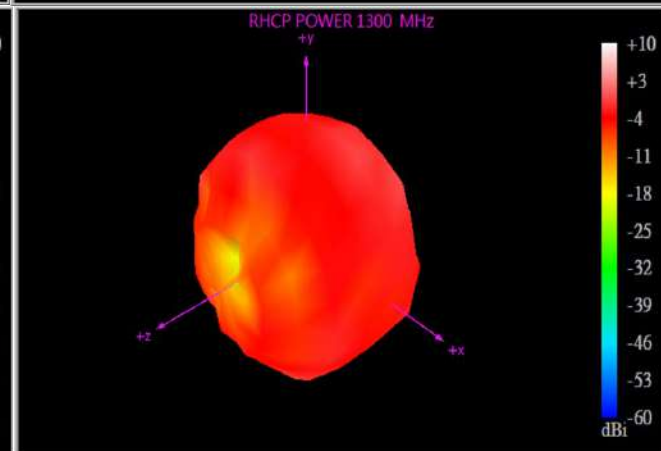
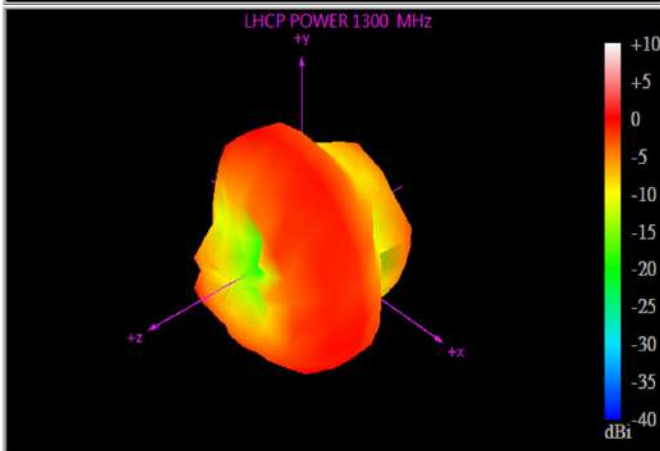
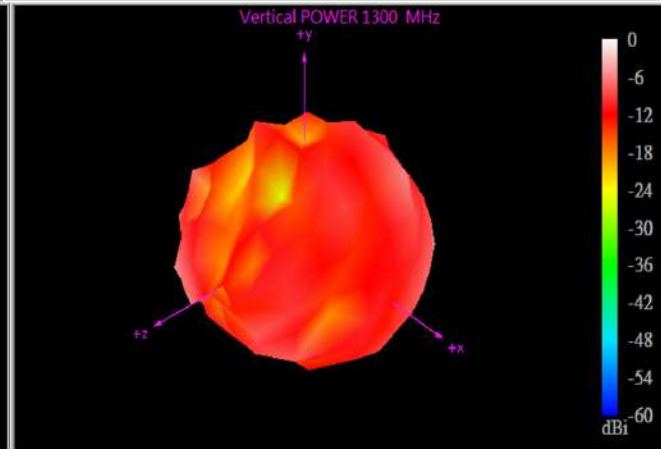
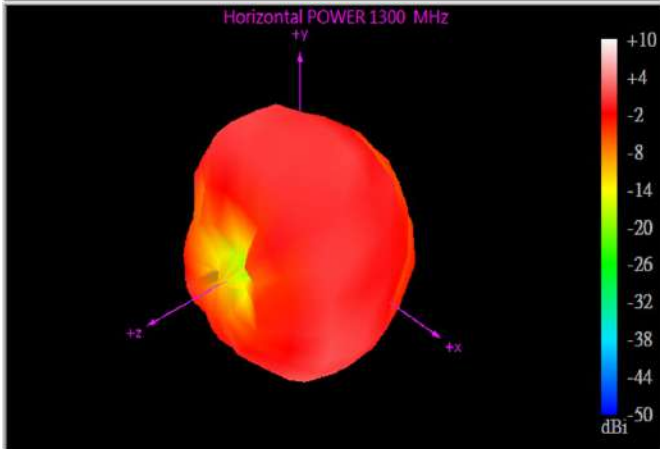
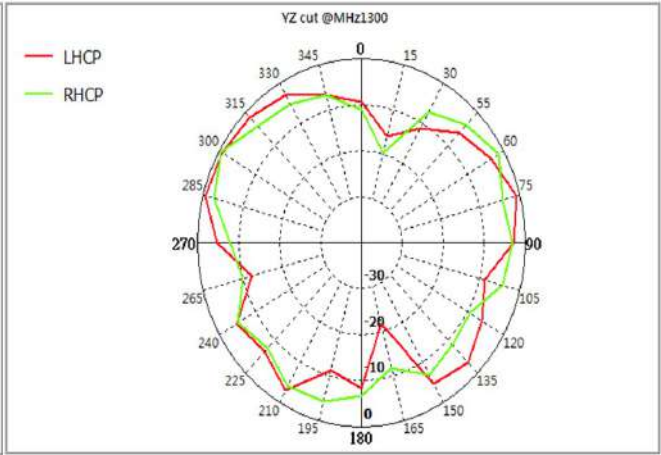
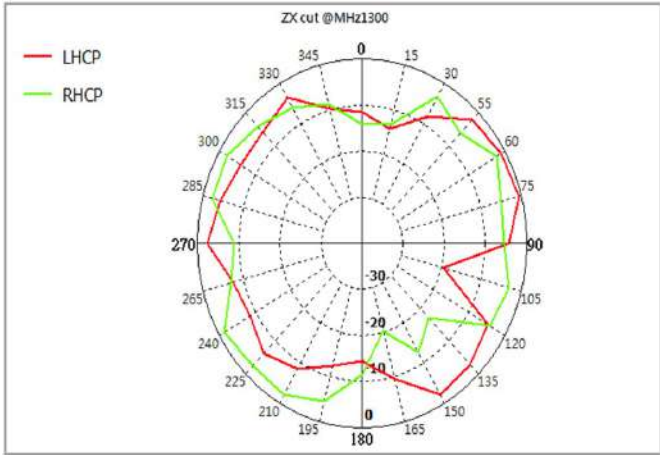
1250 MHz:



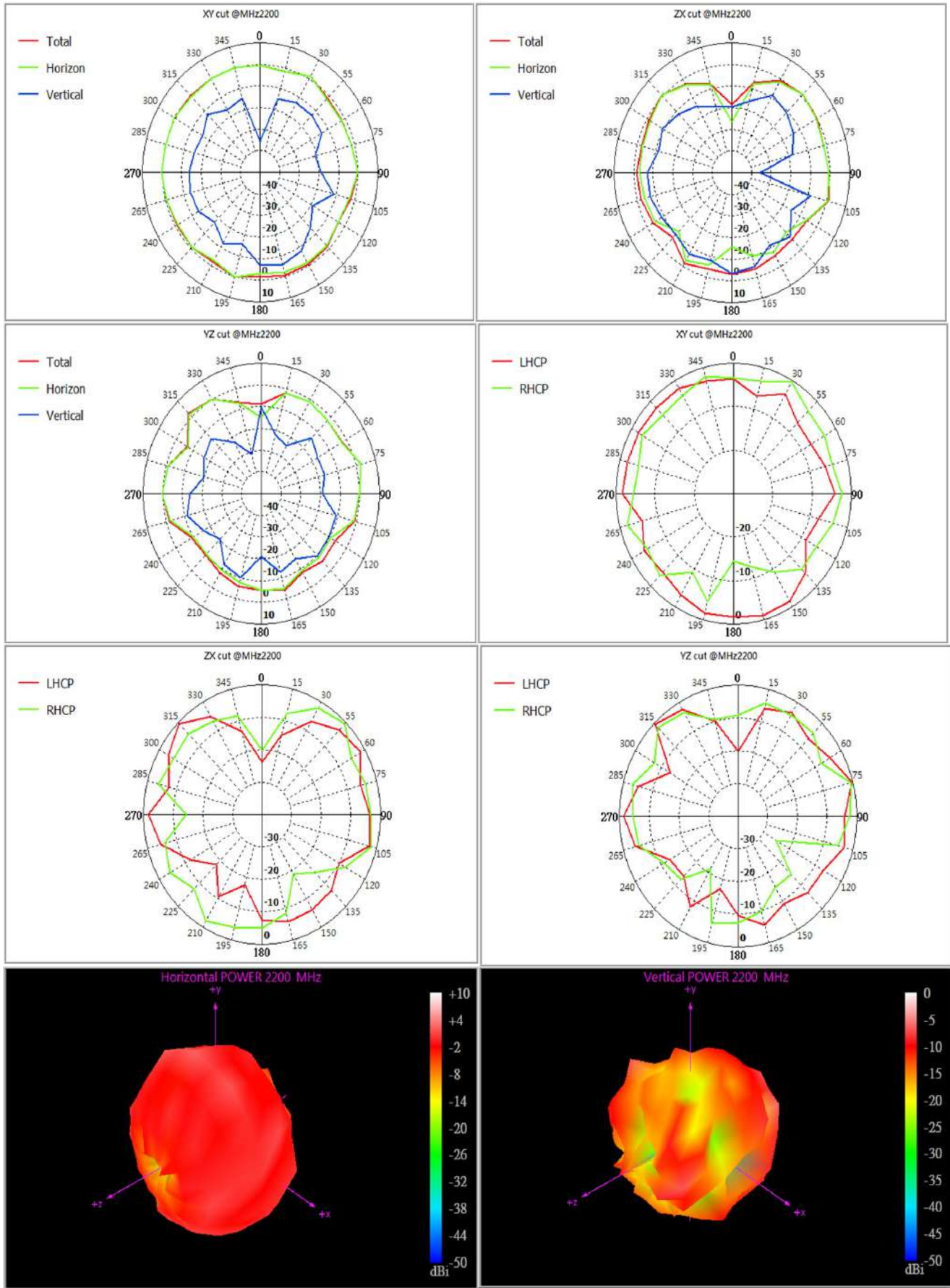


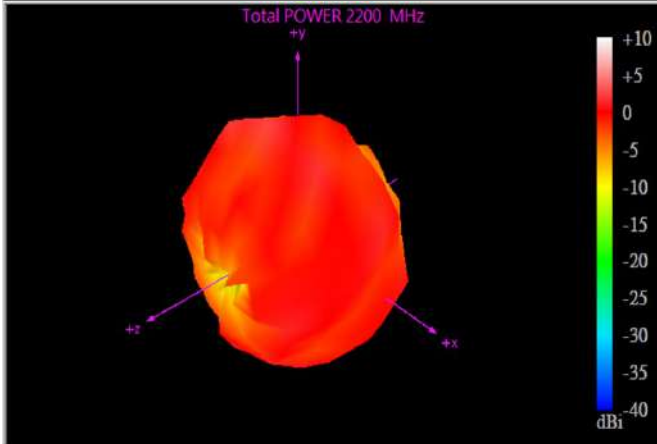
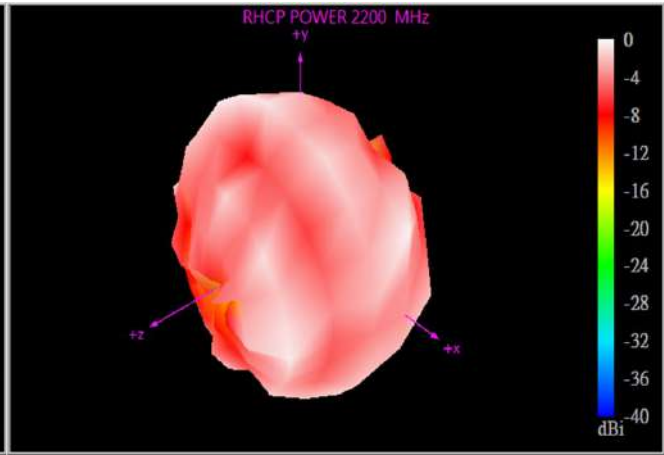
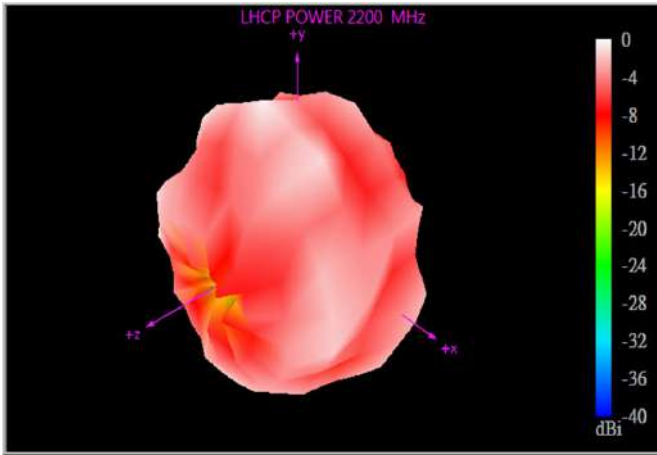
1300 MHz:



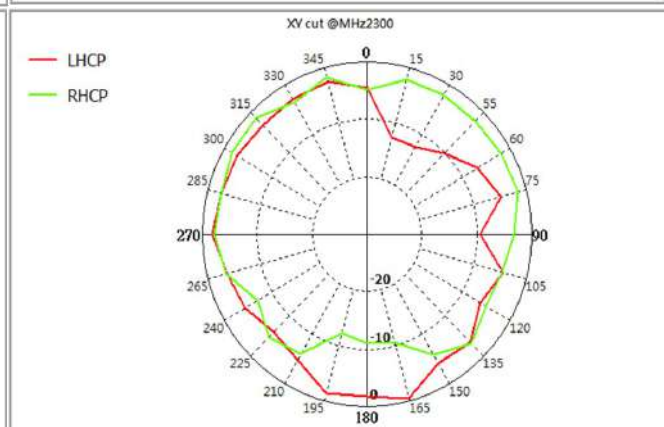
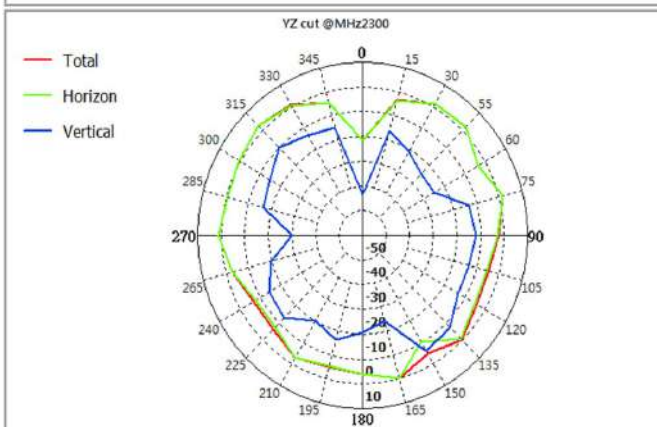
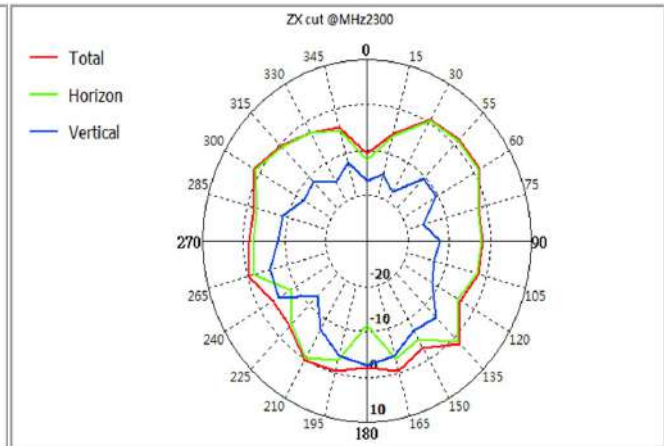
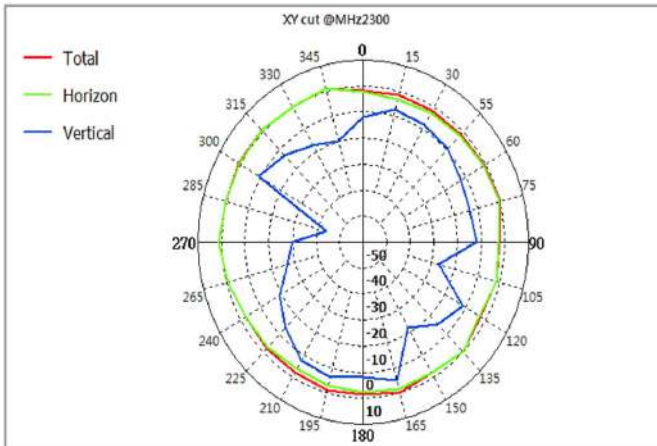


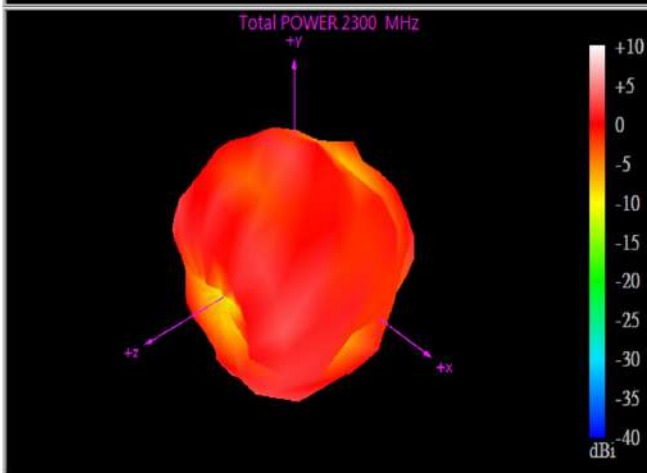
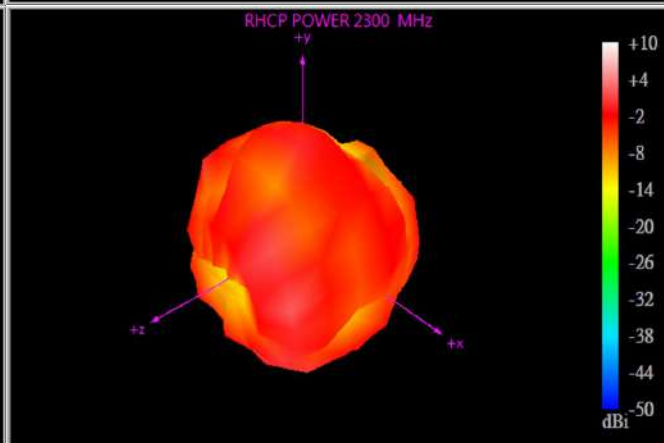
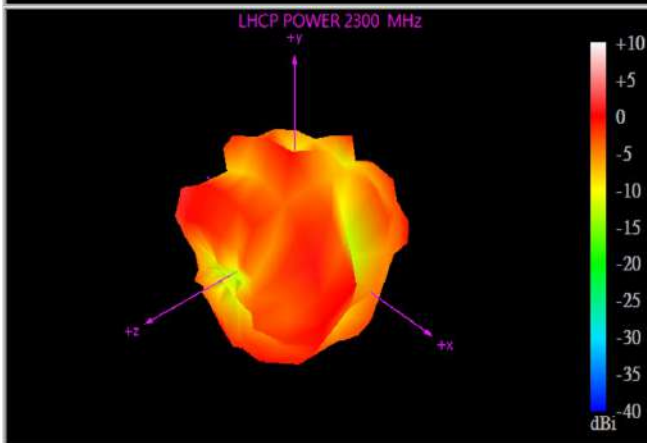
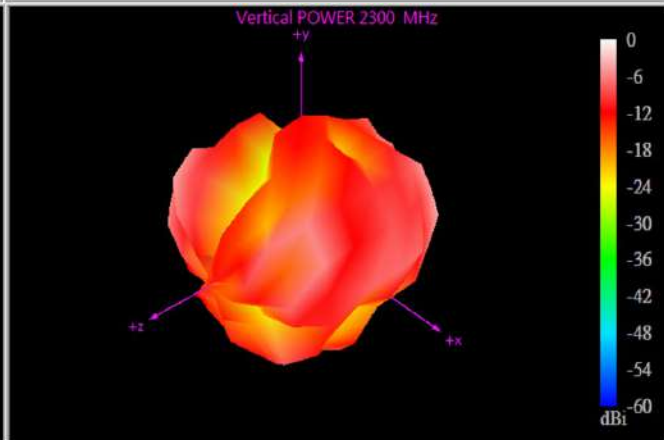
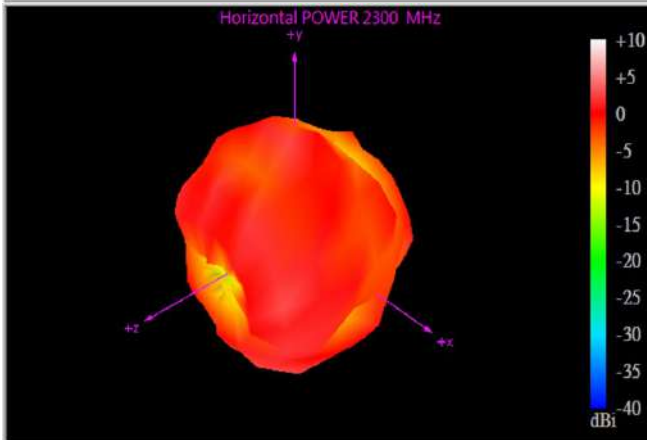
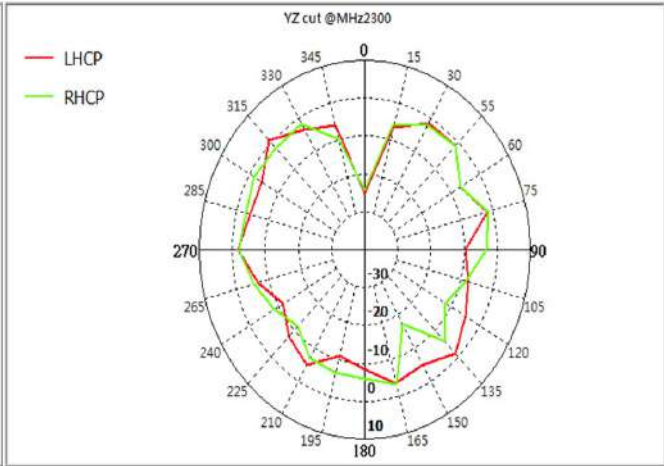
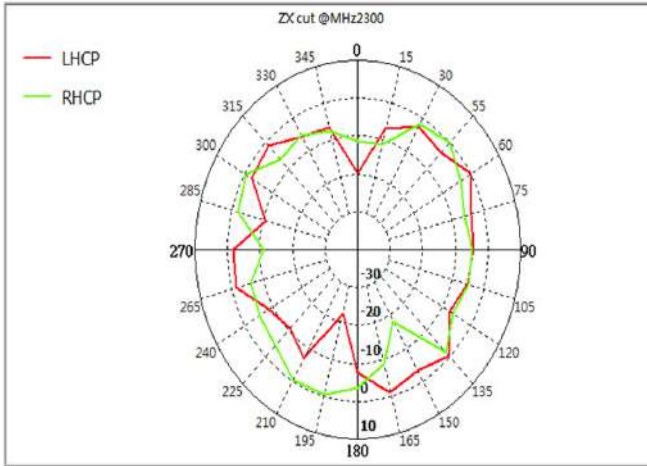
2200 MHz:



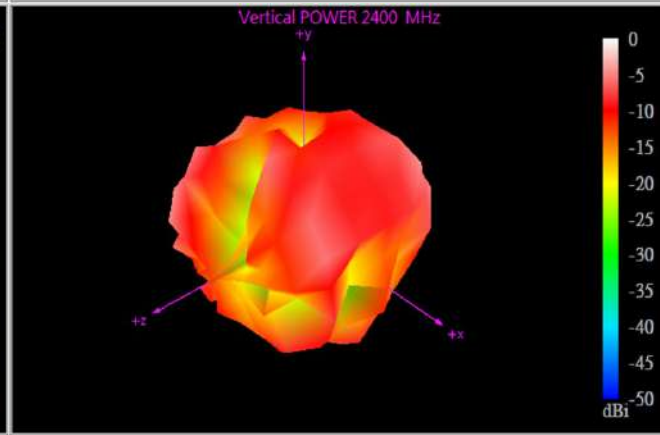
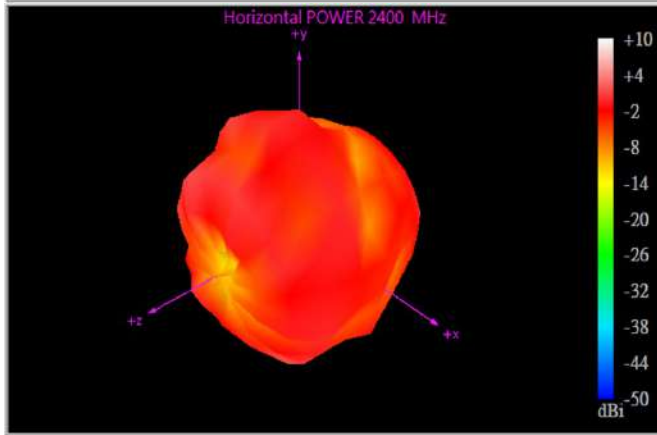
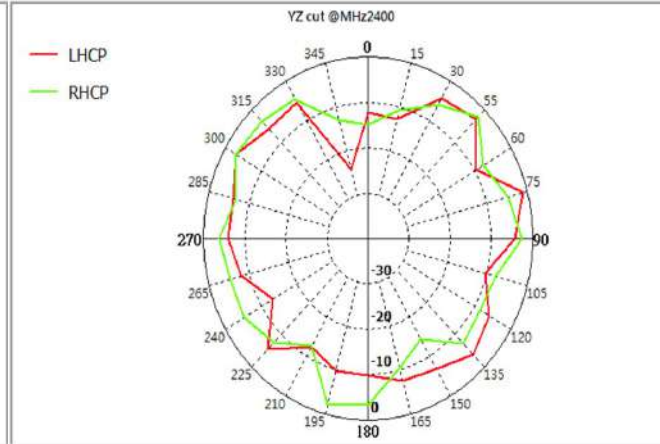
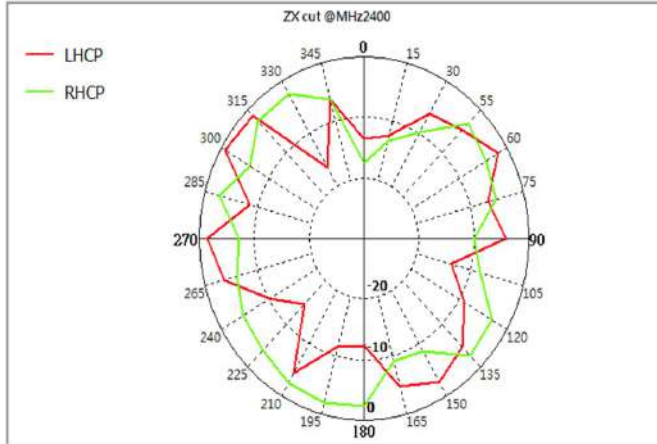
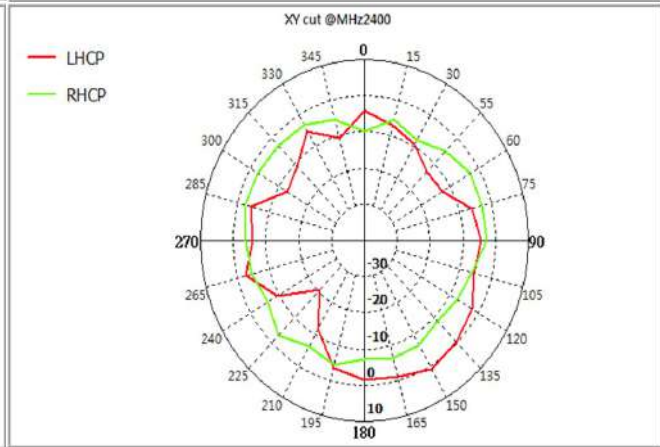
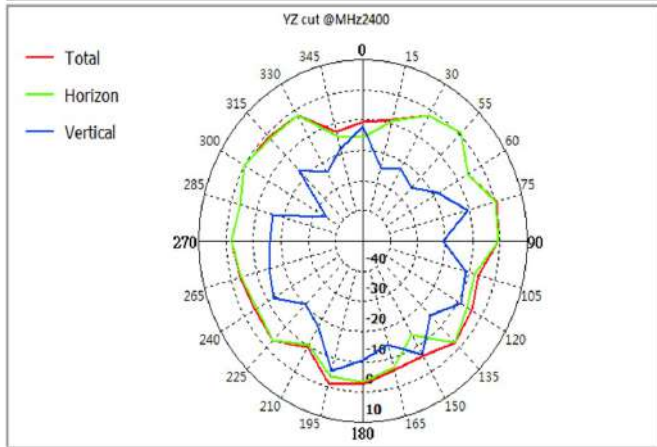
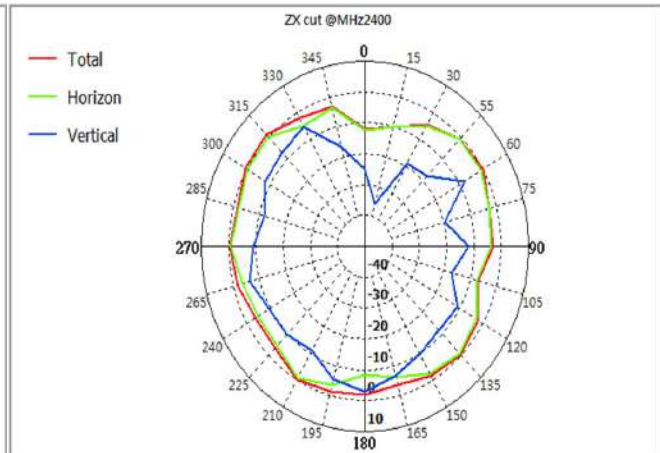
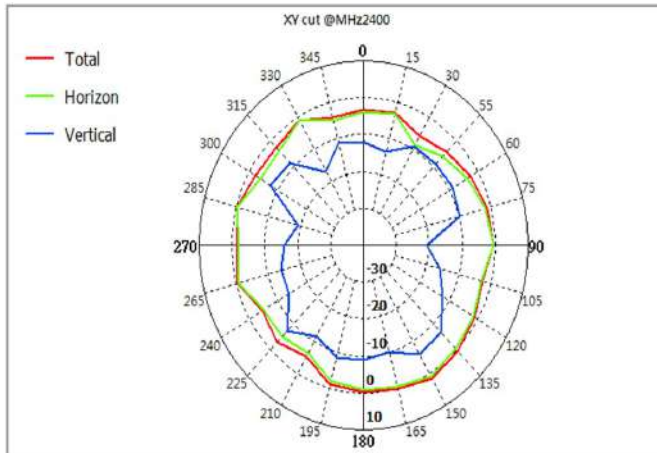


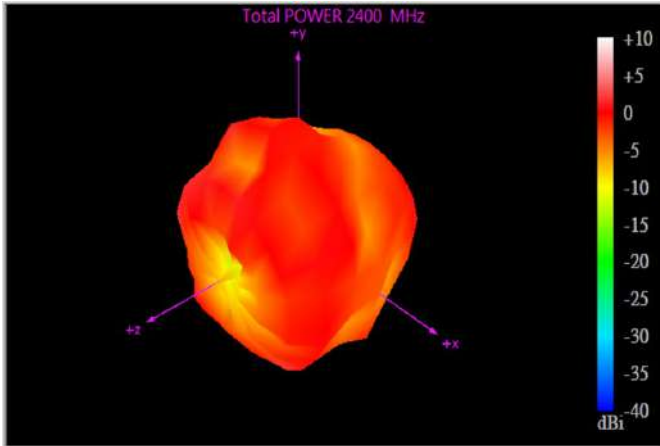
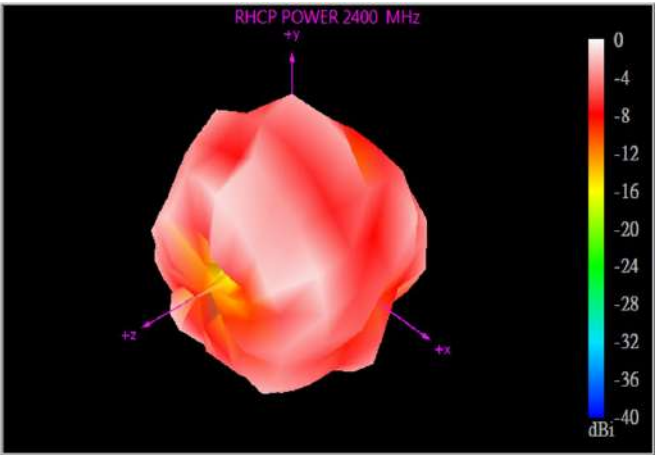
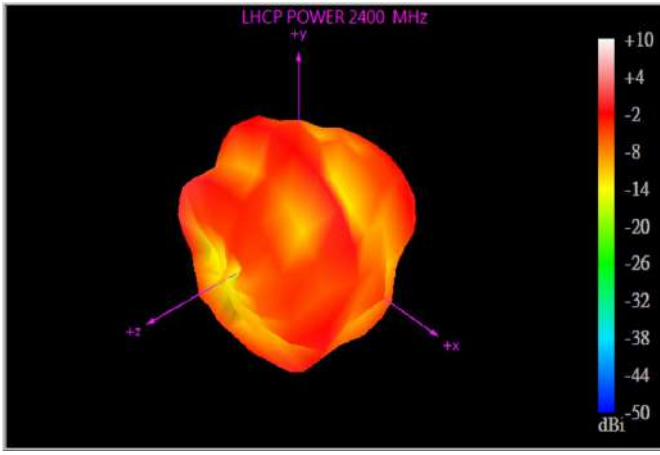
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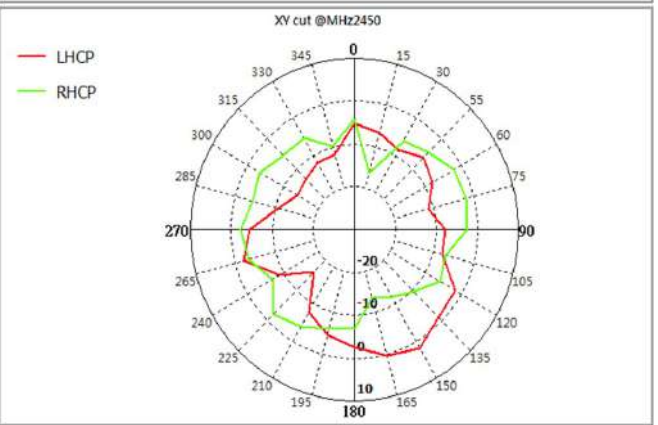
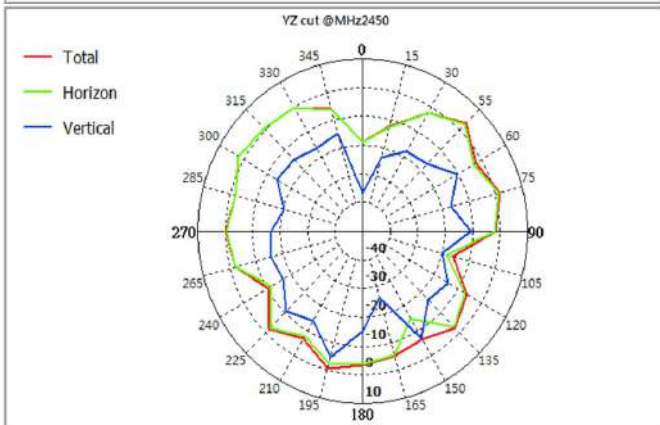
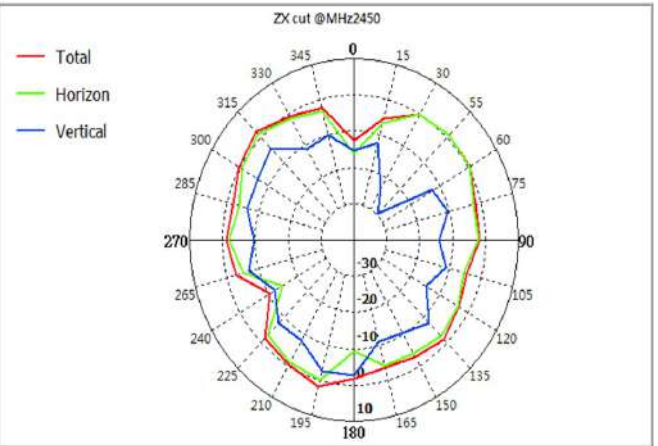
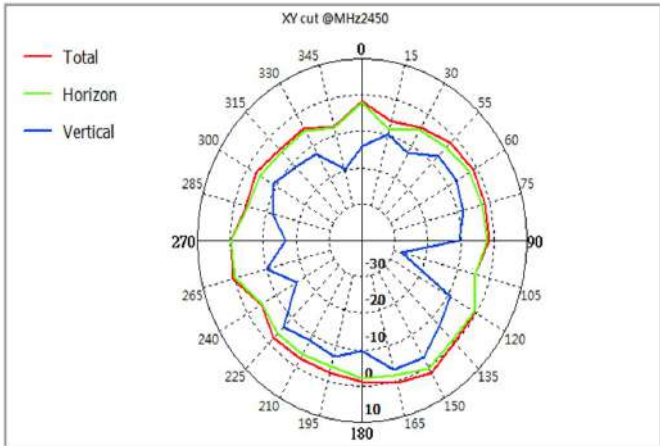


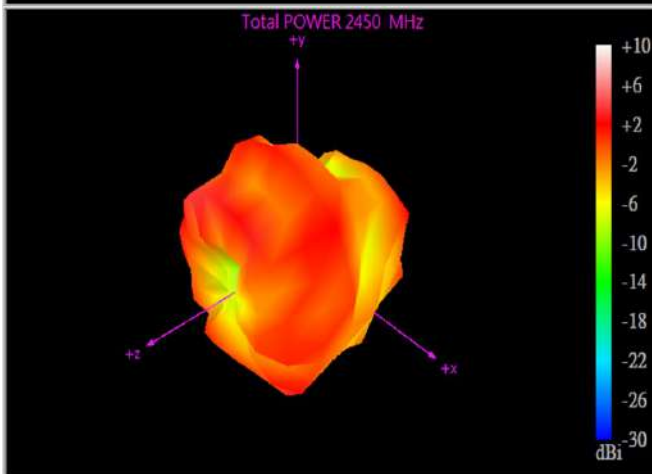
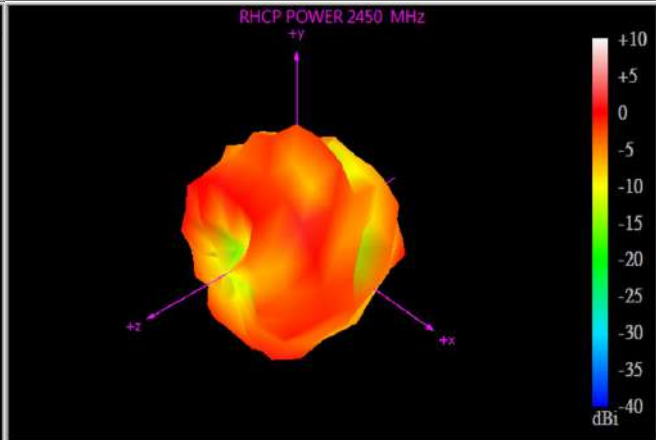
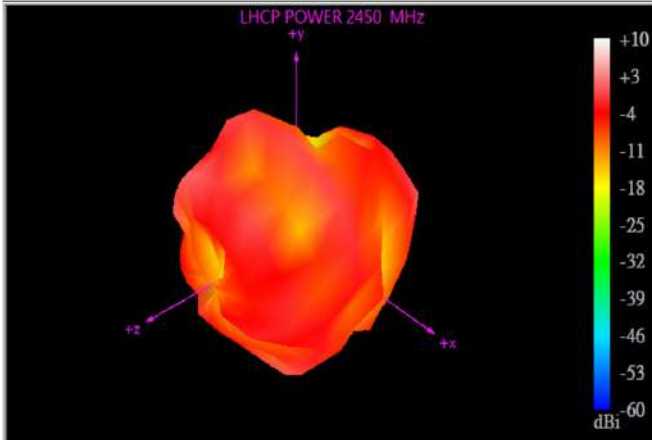
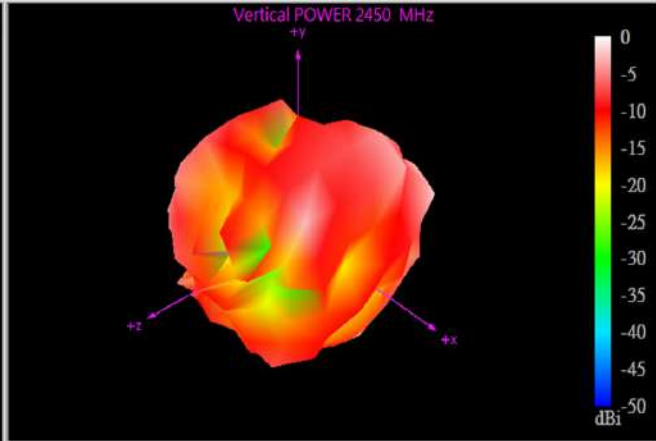
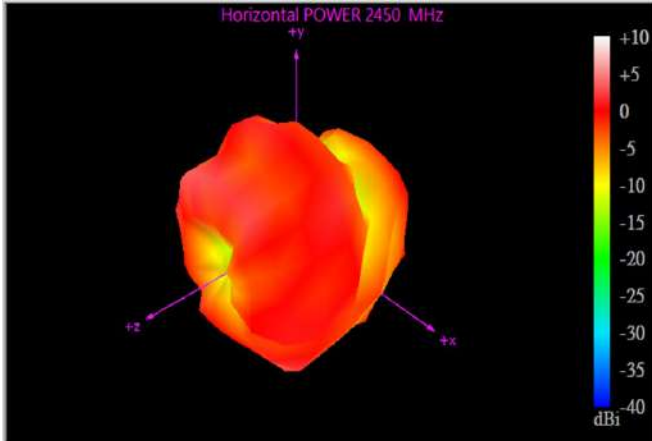
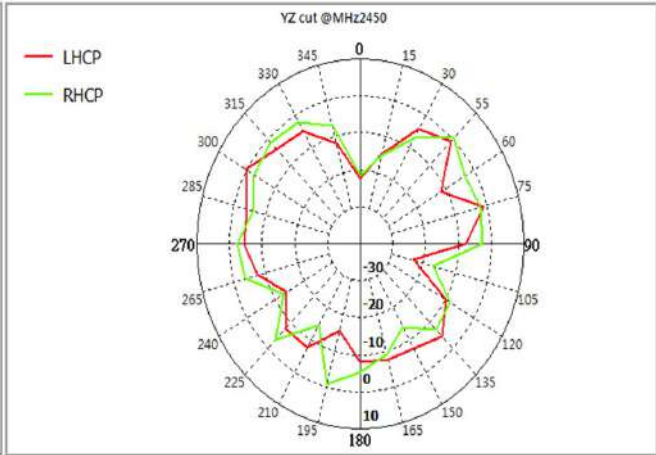
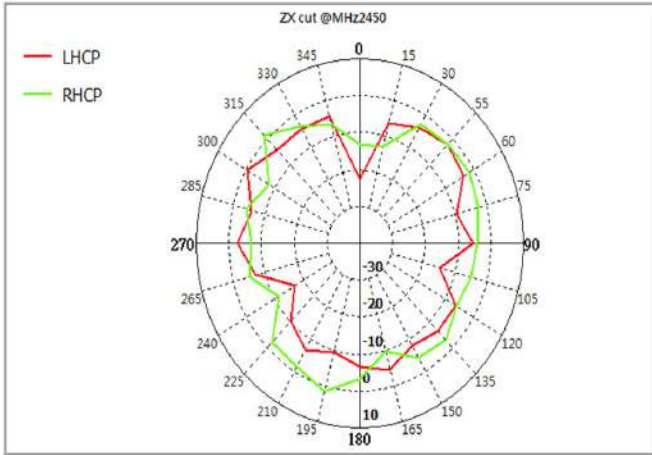
2400 MHz:





2450 MHz:





2500 MHz:

