

Outdoor Omni 2.4/5/6/7G WIFI 6 Antenna

MODEL: TH-2458P

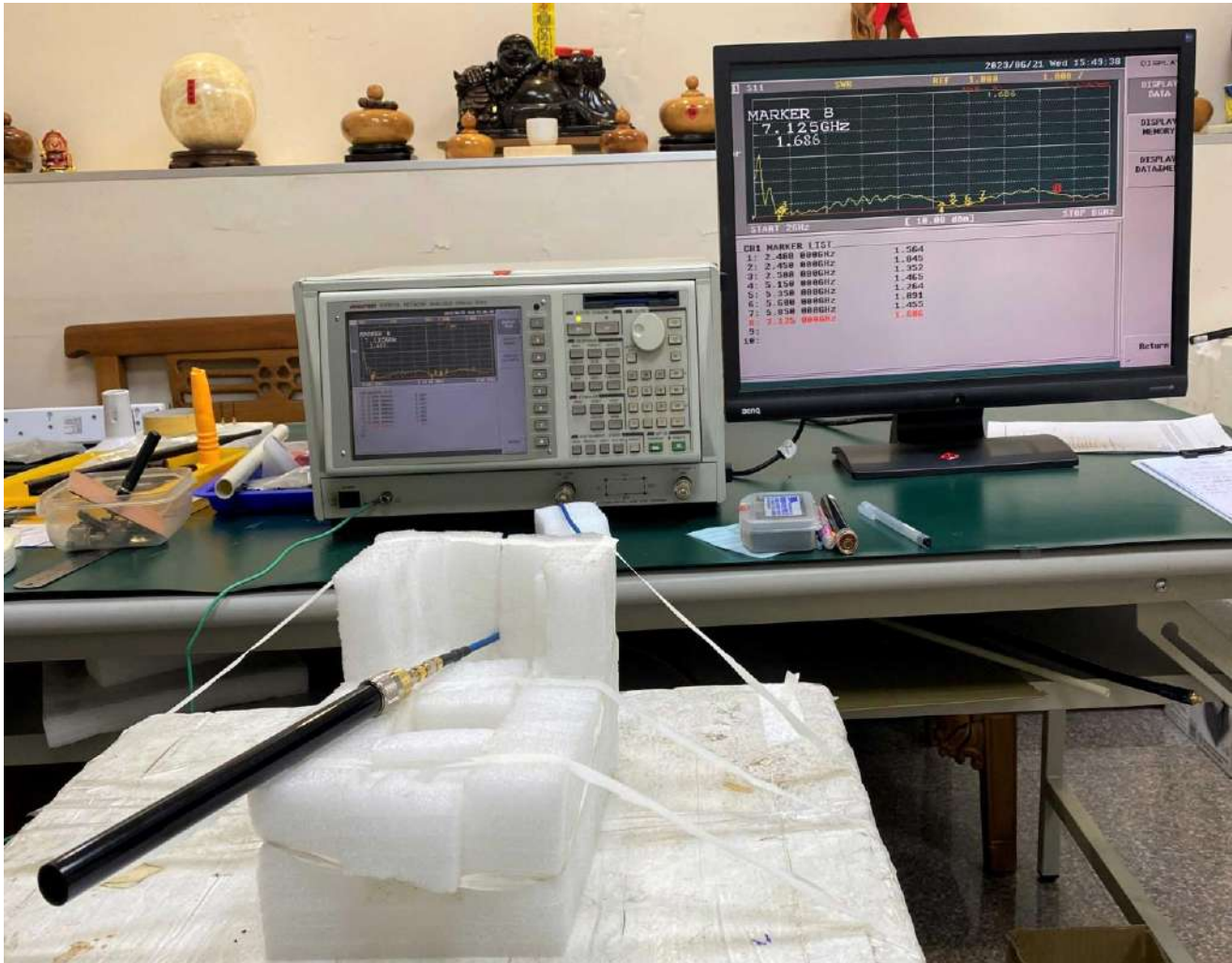
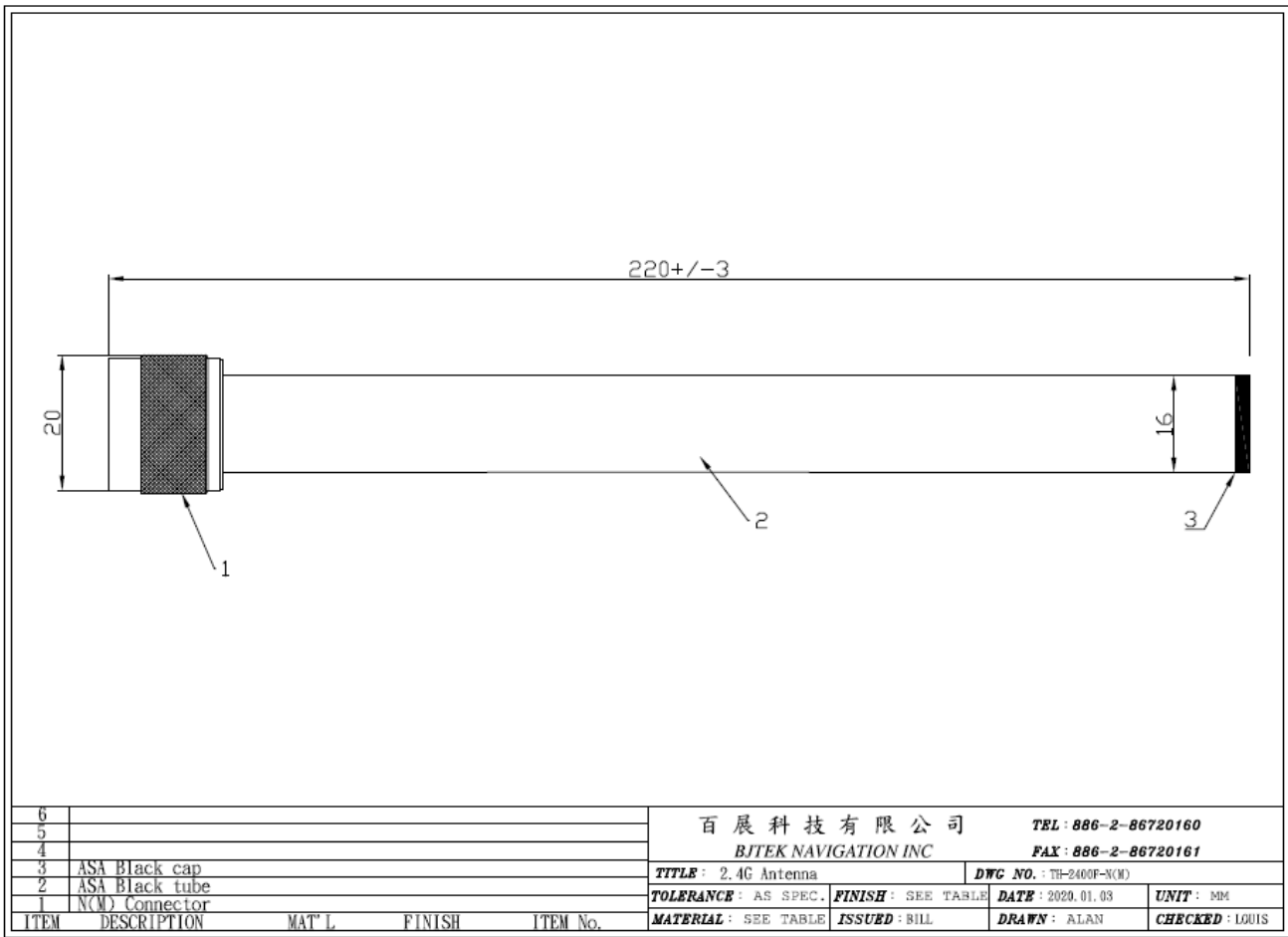


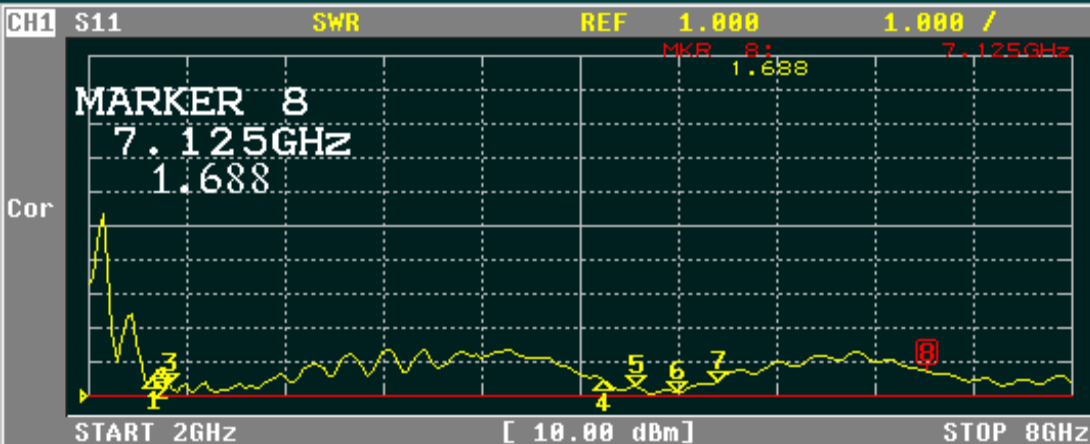
1. Electrica Properties

Parameter	Description
Frequency Band	2400-2500&5150~5850 & 5850~7125Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	3.0:1
Antenna Peak Gain	4.5dBi

2. Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Connector Type	N(M)
Antenna Dimensions	220 mm \pm 3
Antenna Color	ASA-UV-Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C
Waterproof	IPX7





CH1 MARKER LIST

1:	2.400 000GHz	1.564
2:	2.450 000GHz	1.837
3:	2.500 000GHz	1.354
4:	5.150 000GHz	1.466
5:	5.350 000GHz	1.265
6:	5.600 000GHz	1.091
7:	5.850 000GHz	1.453
8:	7.125 000GHz	1.688
9:		
10:		

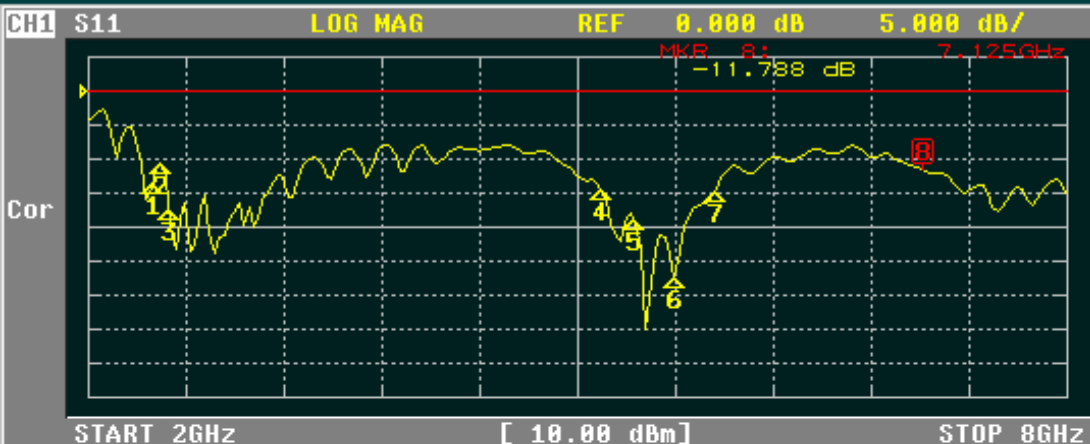
DISPLAY

DISPLAY DATA

DISPLAY MEMORY

DISPLAY DATA&MEM

Return



CH1 MARKER LIST

1:	2.400 000GHz	-13.321 dB
2:	2.450 000GHz	-10.536 dB
3:	2.500 000GHz	-17.440 dB
4:	5.150 000GHz	-14.385 dB
5:	5.350 000GHz	-18.876 dB
6:	5.600 000GHz	-27.403 dB
7:	5.850 000GHz	-14.595 dB
8:	7.125 000GHz	-11.760 dB
9:		
10:		

FORMAT

LOG MAG

PHASE

DELAY

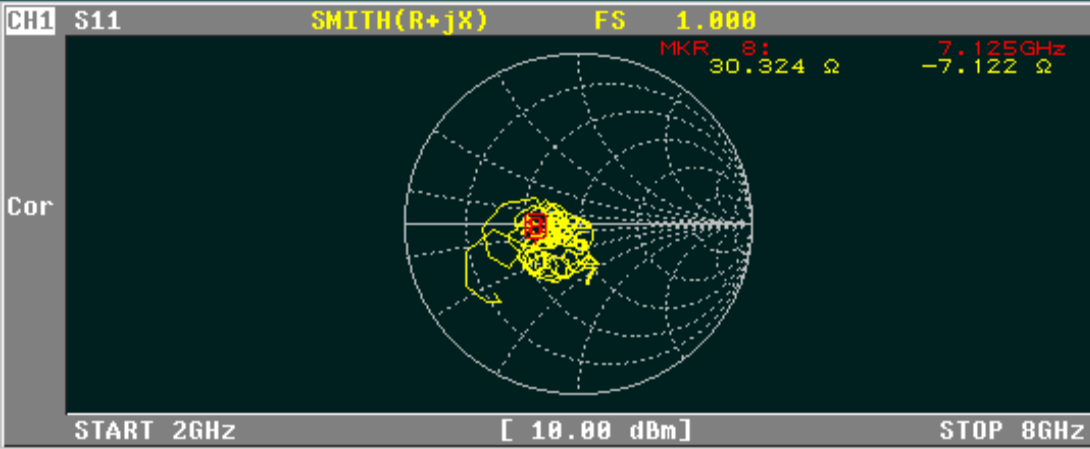
SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

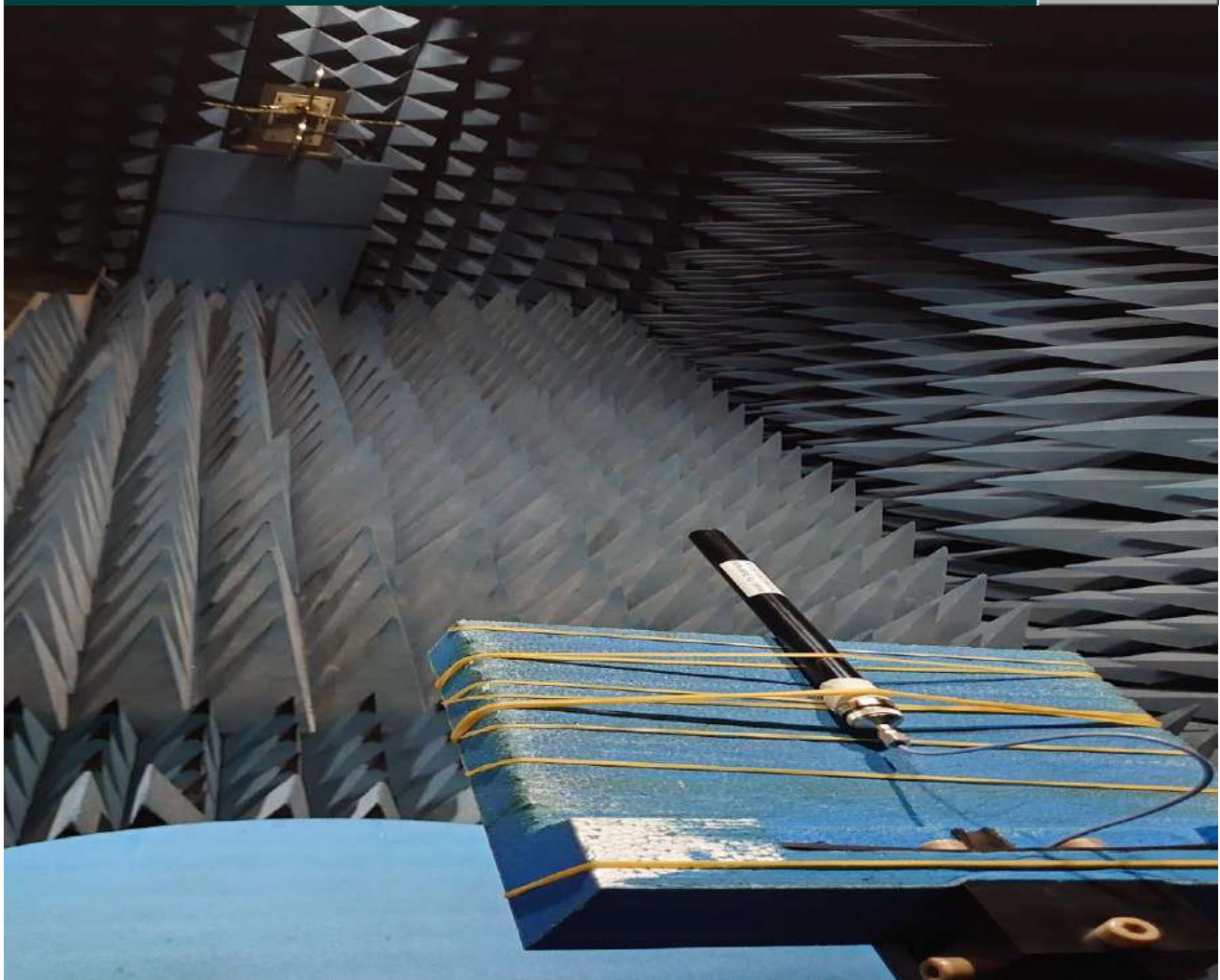
More 1/2



- 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

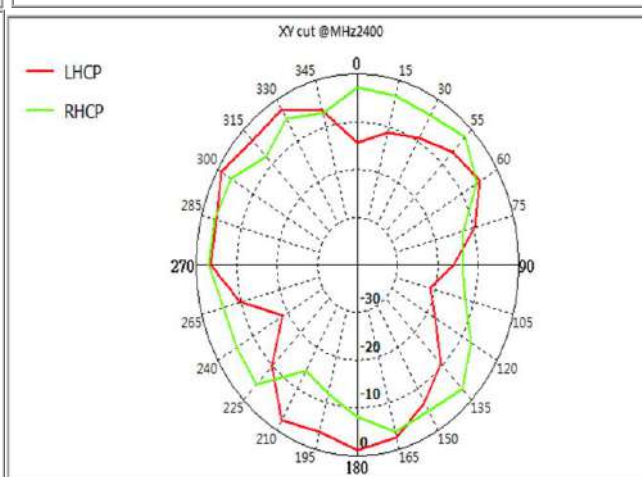
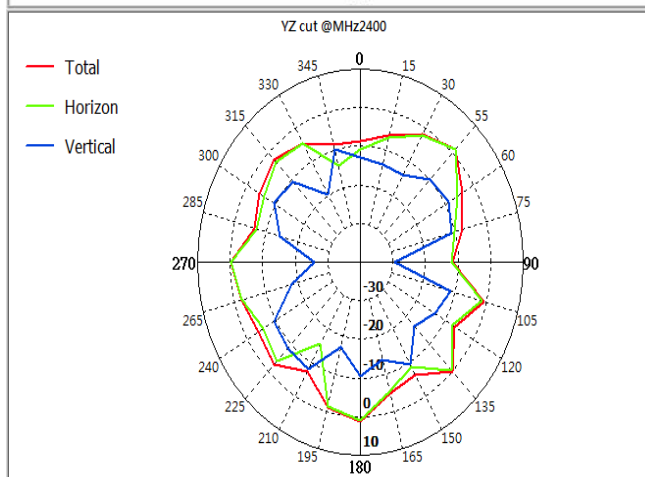
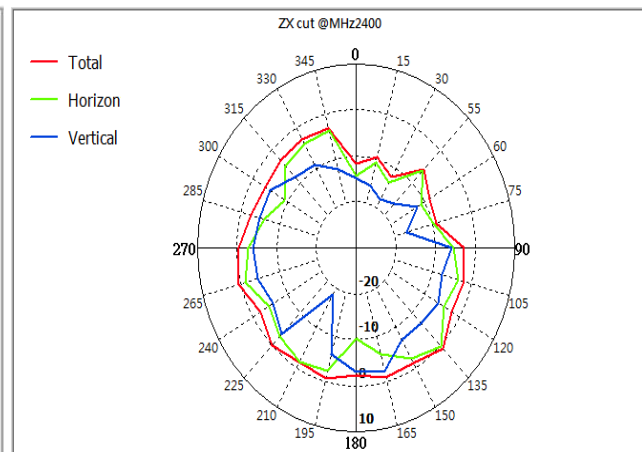
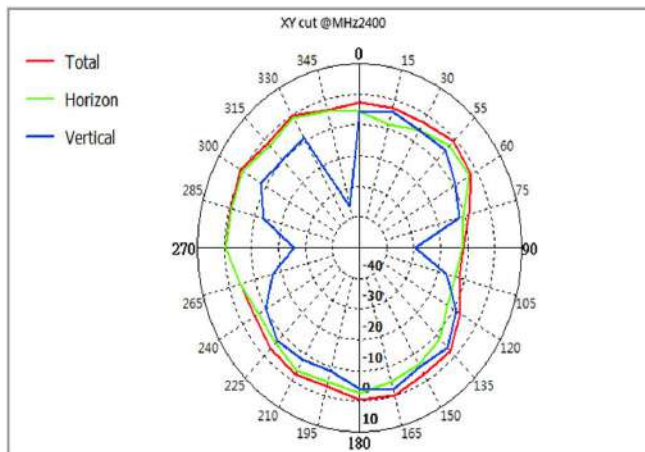
1:	2.400 000GHz	32.594 Ω	-4.992 Ω	13.282pF
2:	2.450 000GHz	27.294 Ω	2.592 Ω	168.421pH
3:	2.500 000GHz	38.748 Ω	6.275 Ω	399.506pH
4:	5.150 000GHz	36.254 Ω	8.798 Ω	271.900pH
5:	5.350 000GHz	40.599 Ω	4.798 Ω	142.747pH
6:	5.600 000GHz	51.236 Ω	4.121 Ω	117.129pH
7:	5.850 000GHz	52.261 Ω	-19.100 Ω	1.424pF
8:	7.125 000GHz	30.324 Ω	-7.122 Ω	3.136pF
9:				
10:				

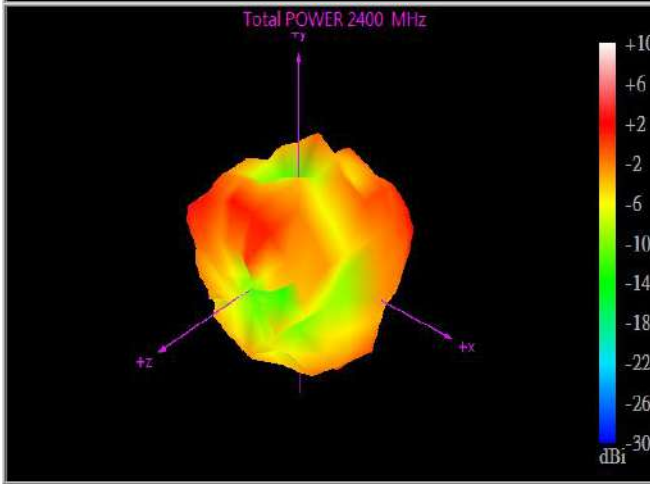
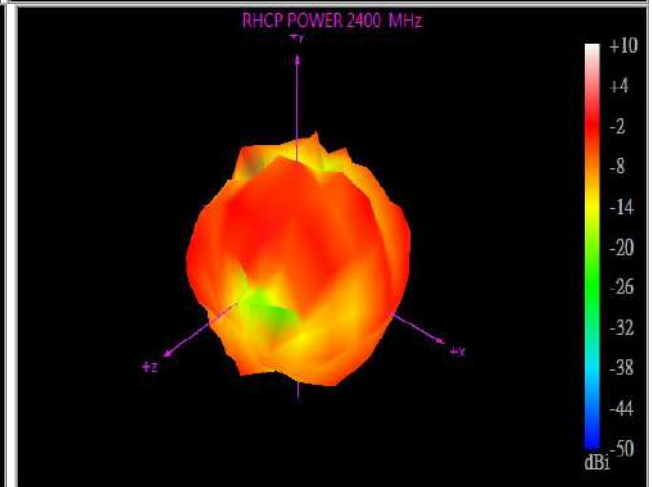
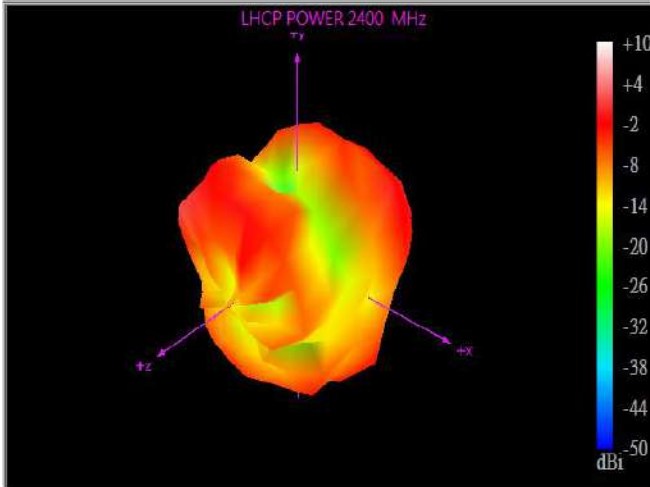
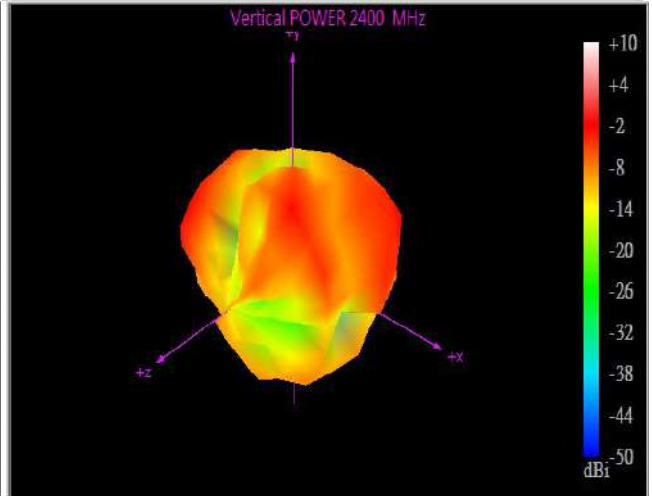
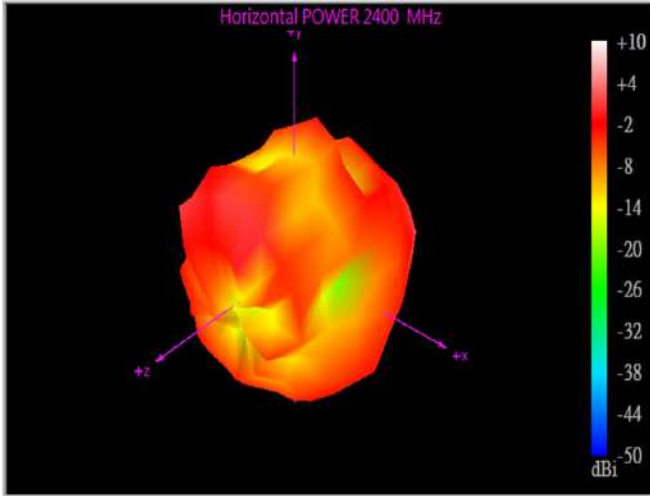
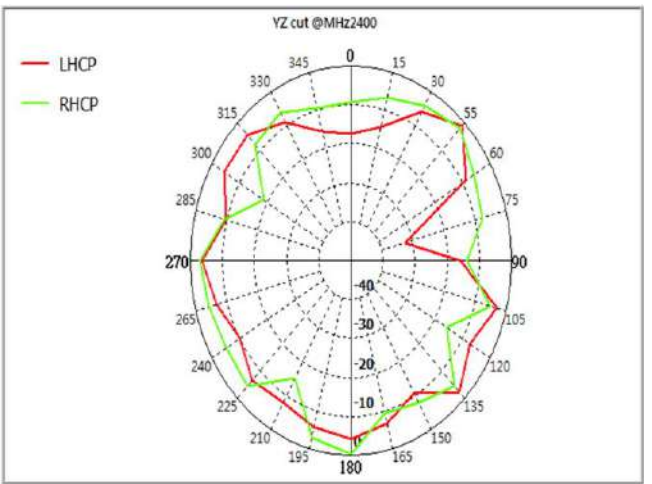
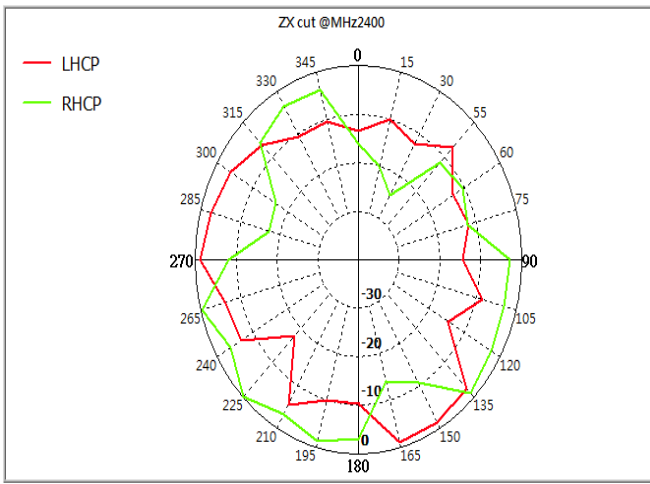


3D Total

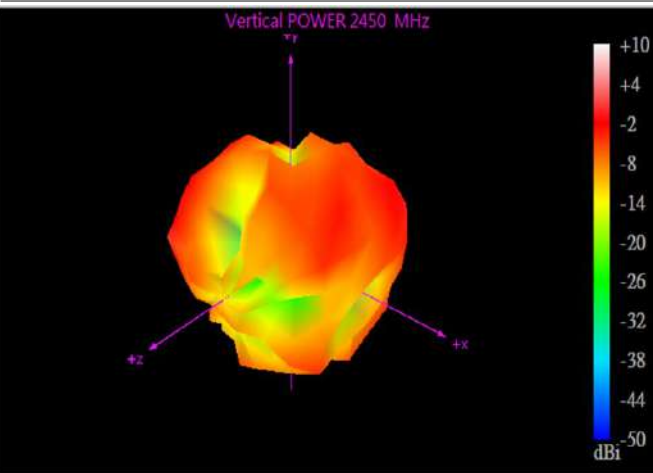
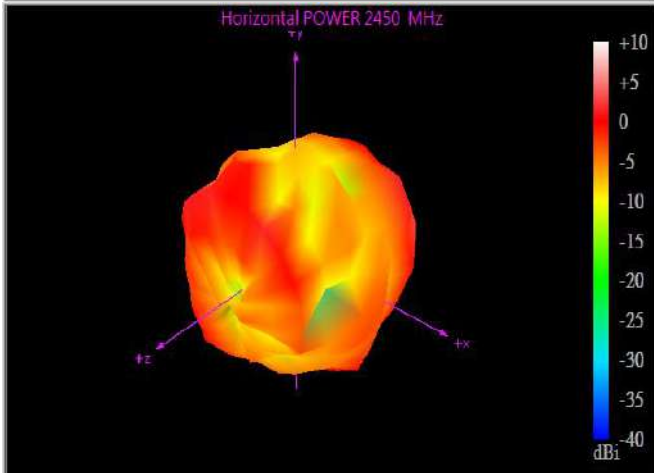
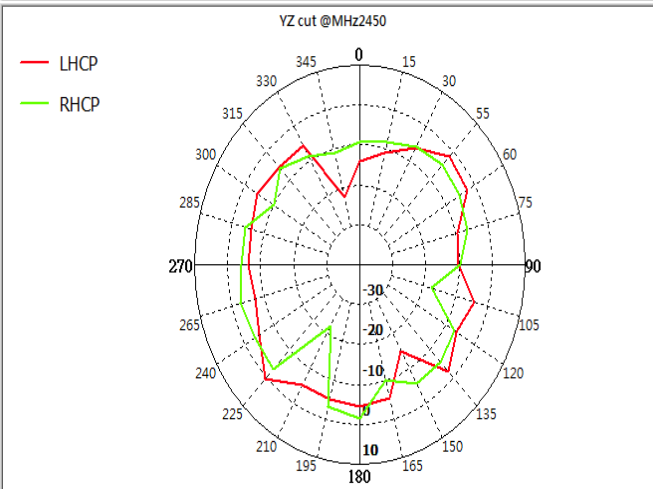
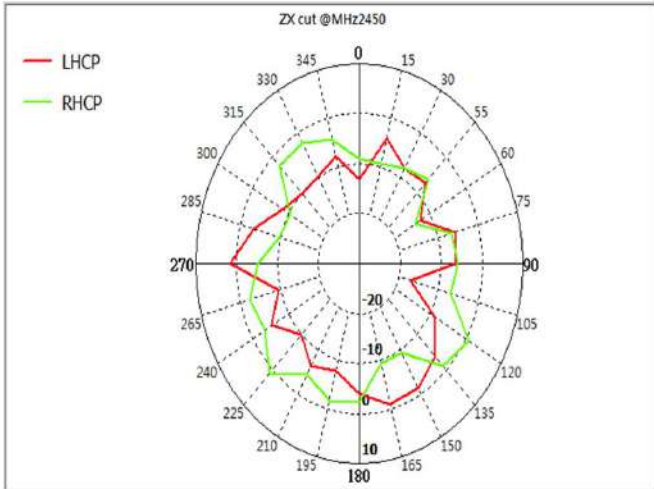
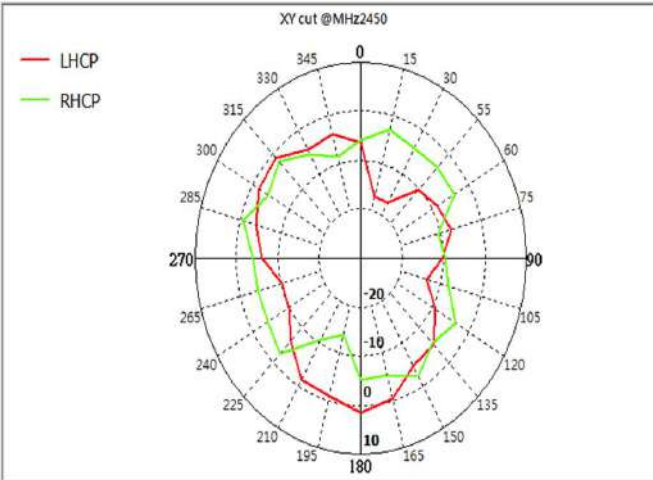
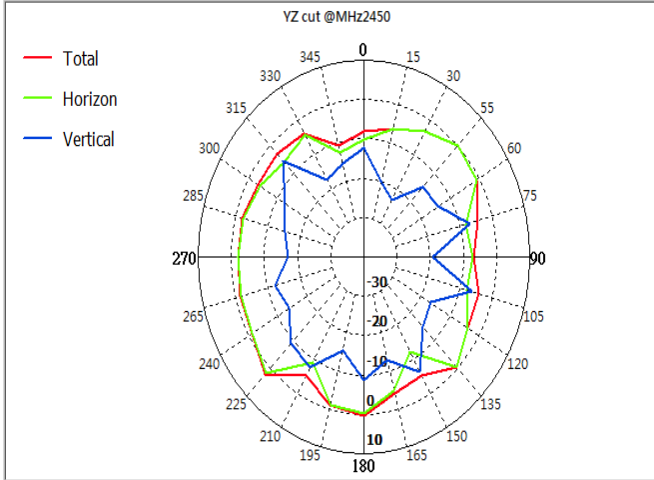
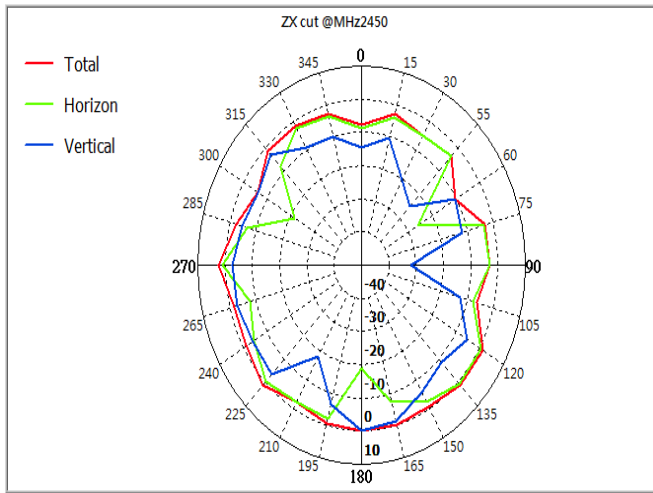
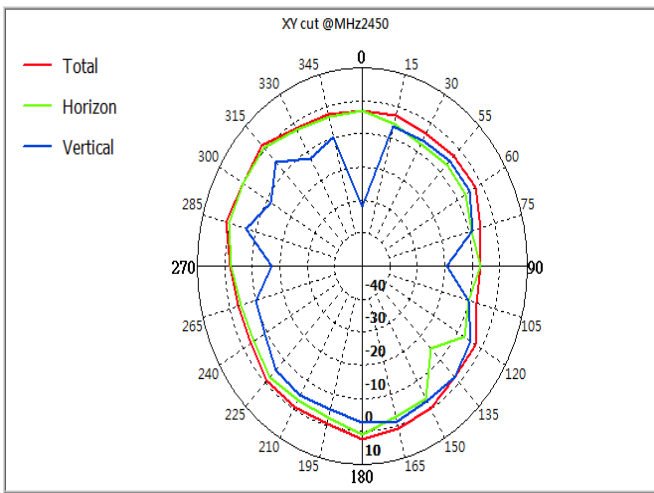
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
2400 MHz	-6.64	-5.29	-2.90	51.23	2.66	-2.90
2440 MHz	-5.94	-4.07	-1.89	64.64	3.68	-1.89
2450 MHz	-5.64	-3.98	-1.72	67.30	4.05	-1.72
2470 MHz	-6.06	-4.74	-2.34	58.36	3.49	-2.34
2500 MHz	-6.58	-4.75	-2.56	55.47	3.13	-2.56
5150 MHz	-5.67	-6.04	-2.84	52.01	4.28	-2.84
5350 MHz	-5.73	-5.68	-2.69	53.77	3.65	-2.69
5470 MHz	-5.53	-6.46	-2.96	50.60	3.94	-2.96
5600 MHz	-5.65	-6.62	-3.10	49.00	3.92	-3.10
5725 MHz	-5.44	-5.39	-2.40	57.53	4.06	-2.40
5850 MHz	-4.89	-5.83	-2.32	58.57	4.33	-2.32
5925 MHz	-5.40	-5.96	-2.66	54.15	4.30	-2.66
6000 MHz	-4.51	-5.72	-2.06	62.24	4.07	-2.06
6225 MHz	-6.12	-6.09	-3.10	49.03	3.37	-3.10
6525 MHz	-7.02	-6.07	-3.51	44.58	2.45	-3.51
6725 MHz	-6.56	-6.41	-3.48	44.91	2.87	-3.48
6875 MHz	-7.66	-7.00	-4.31	37.10	1.43	-4.31
6925 MHz	-5.56	-6.17	-2.84	51.98	4.70	-2.84
7000 MHz	-6.63	-6.60	-3.61	43.57	3.28	-3.61
7125 MHz	-6.78	-6.50	-3.63	43.33	3.83	-3.63

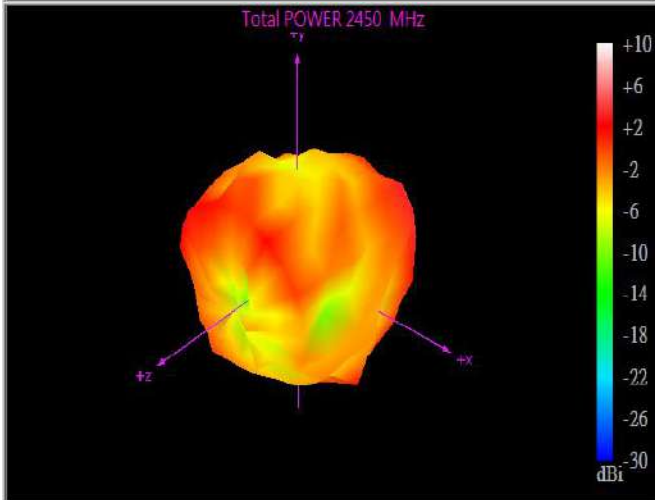
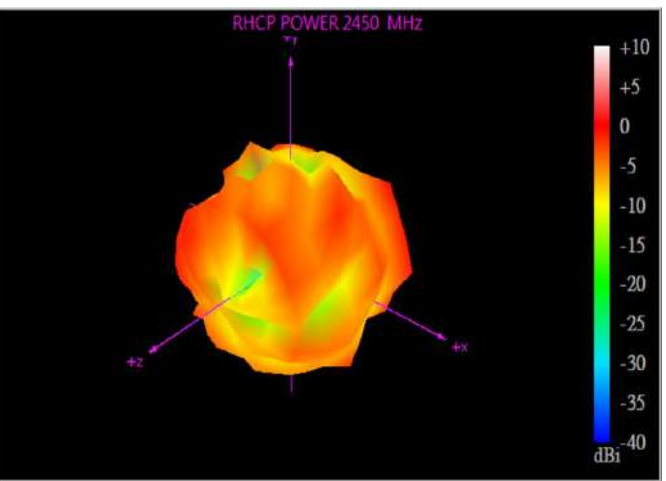
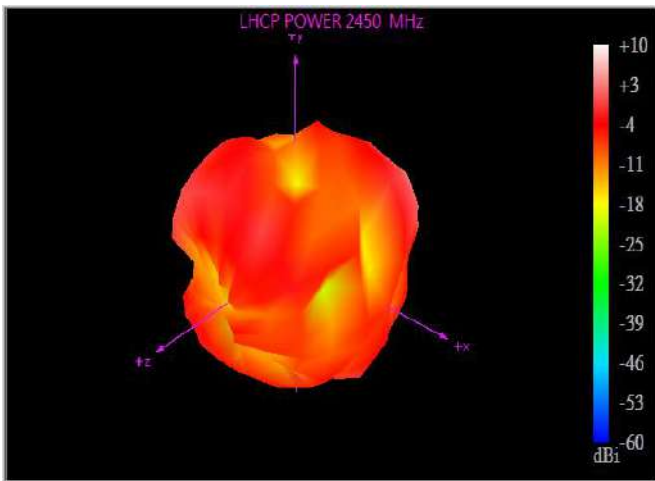
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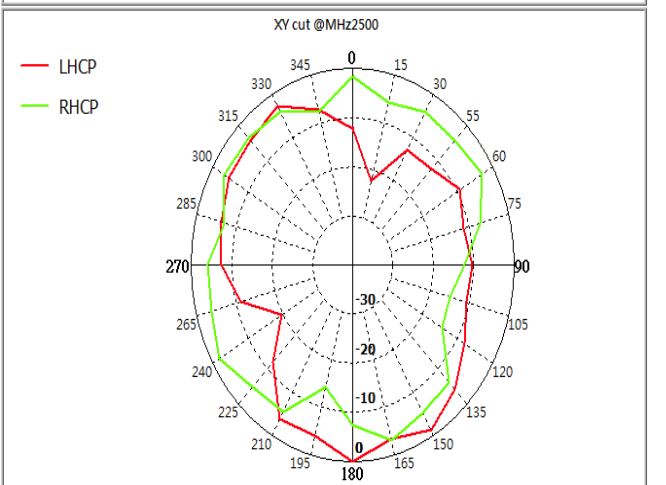
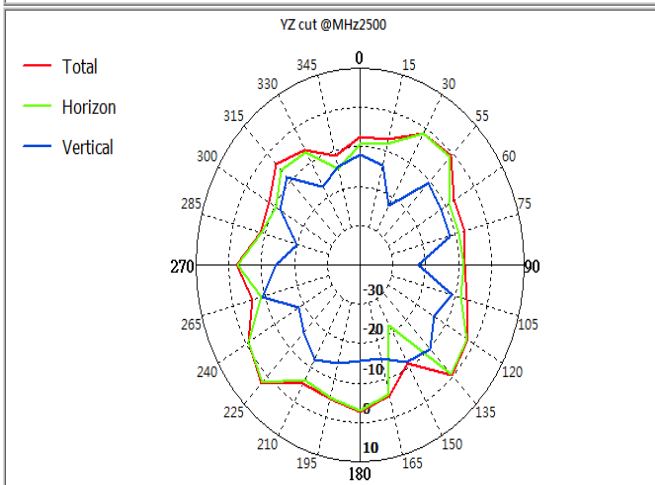
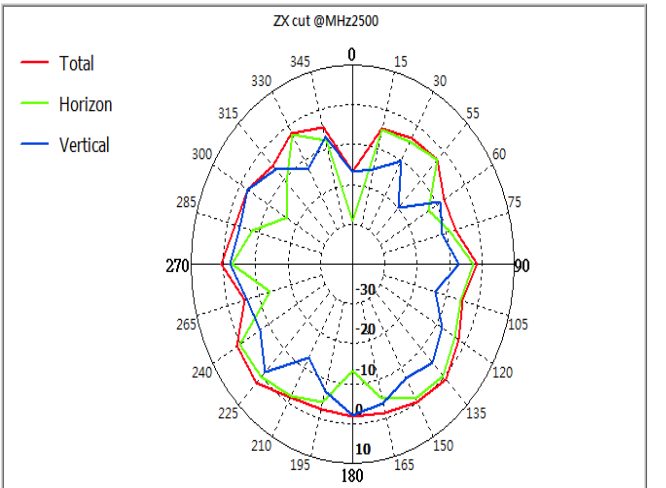
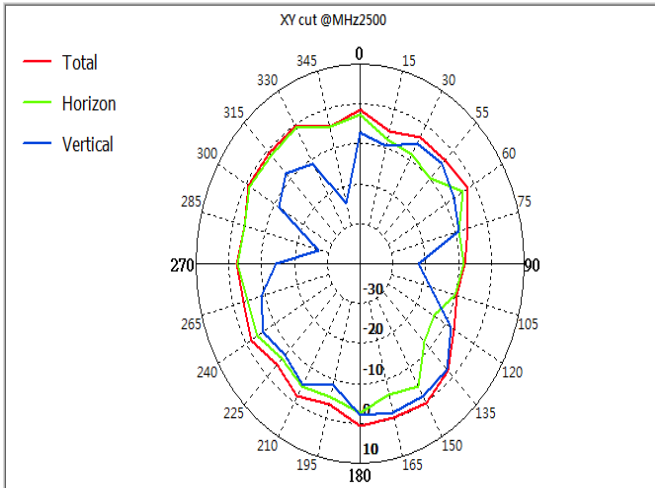


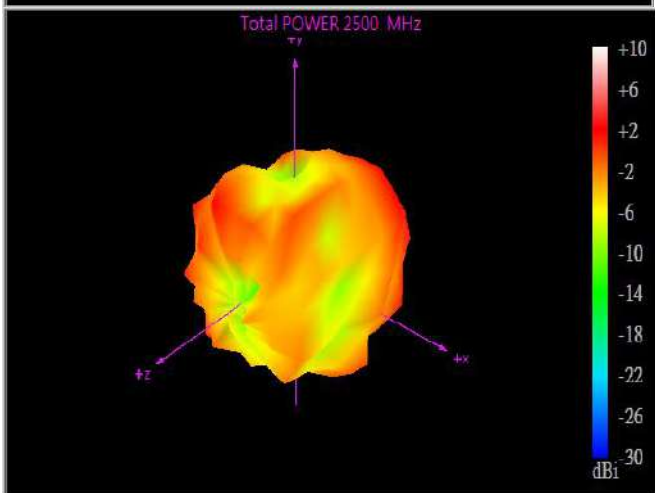
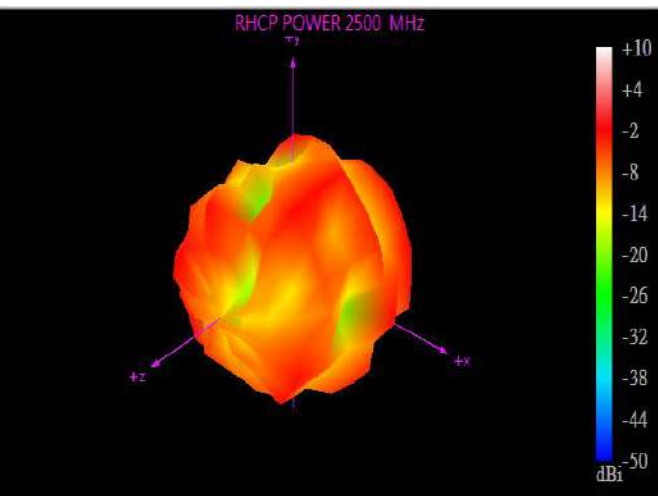
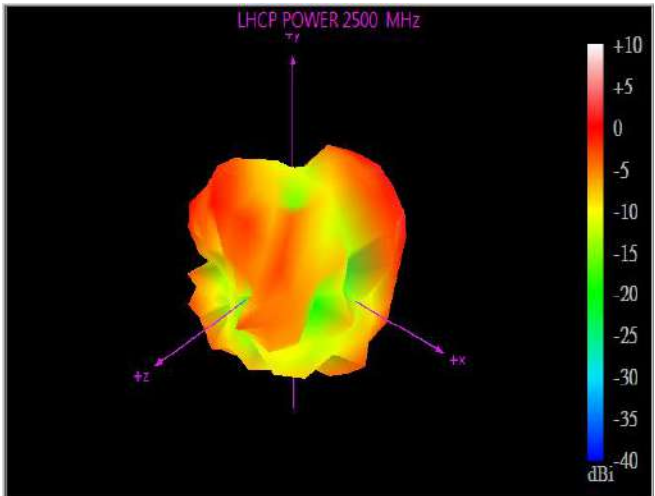
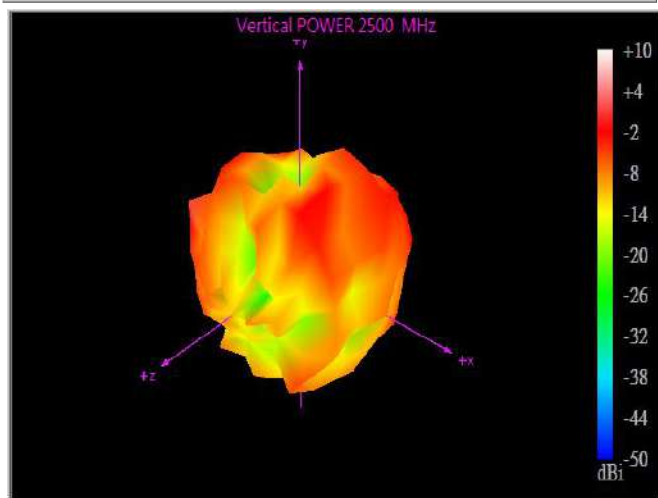
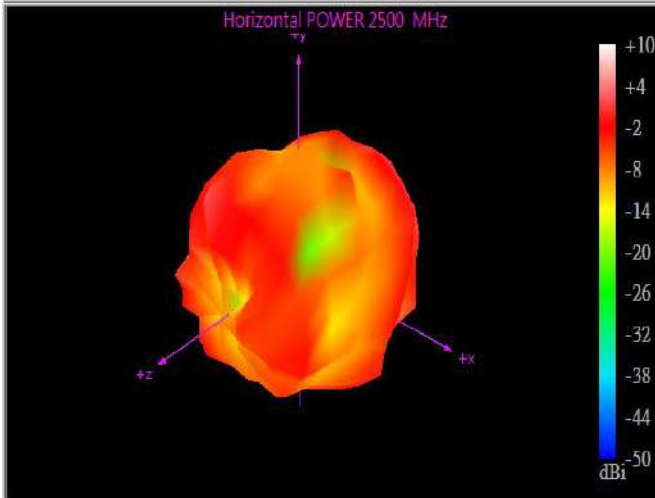
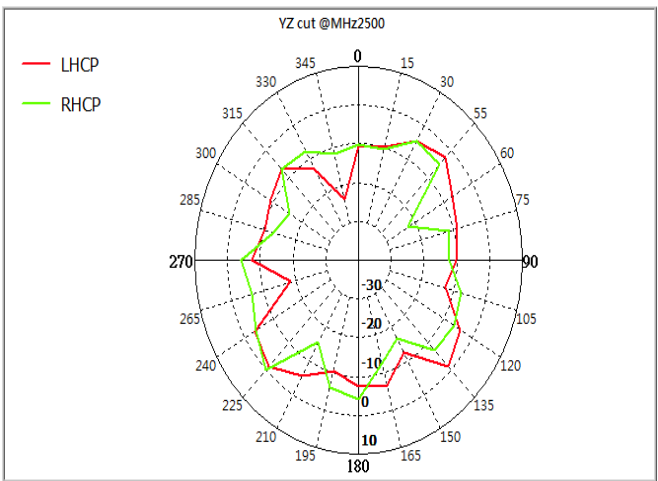
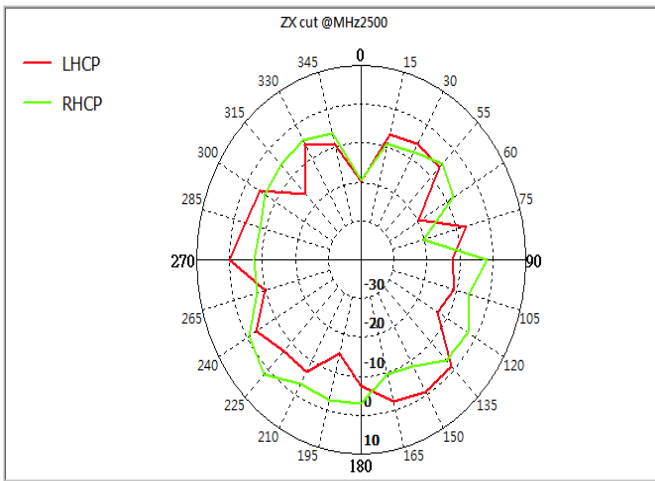
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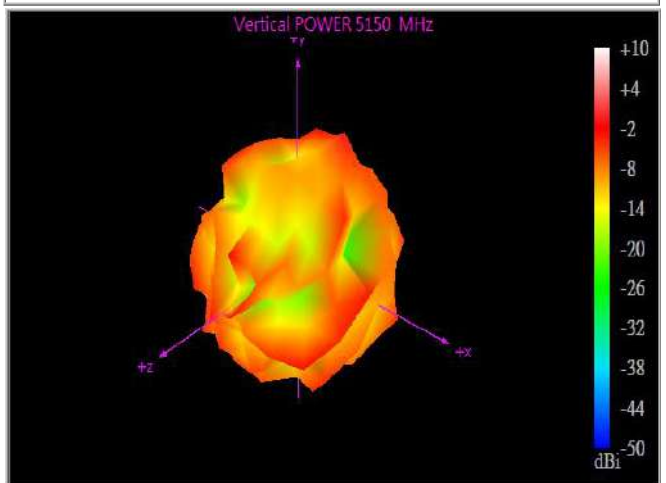
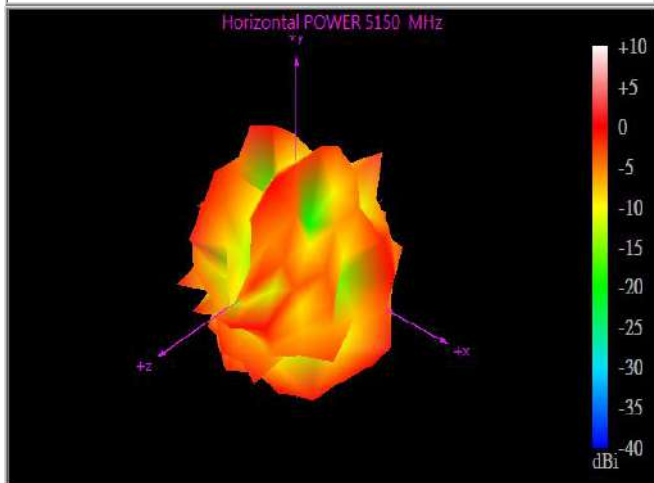
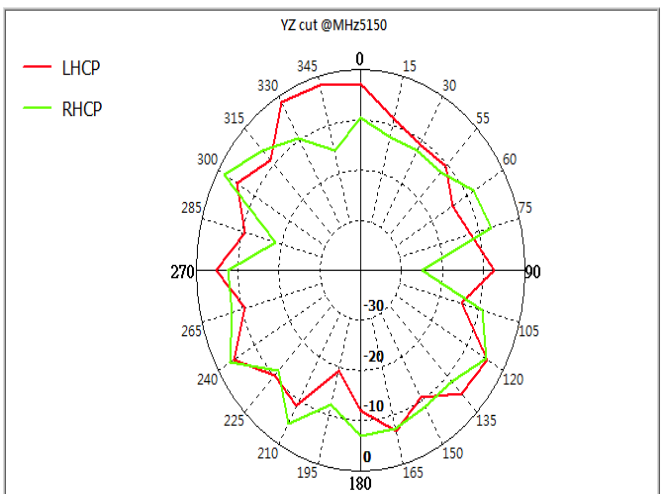
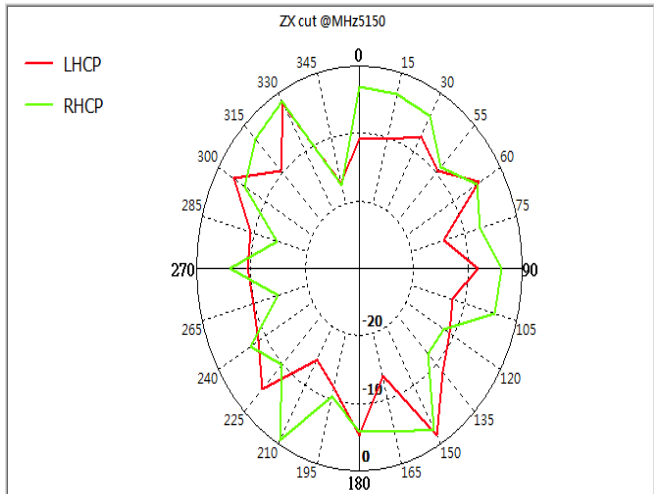
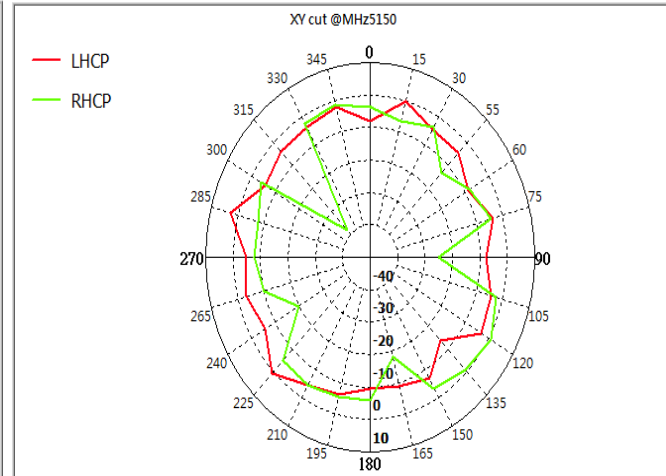
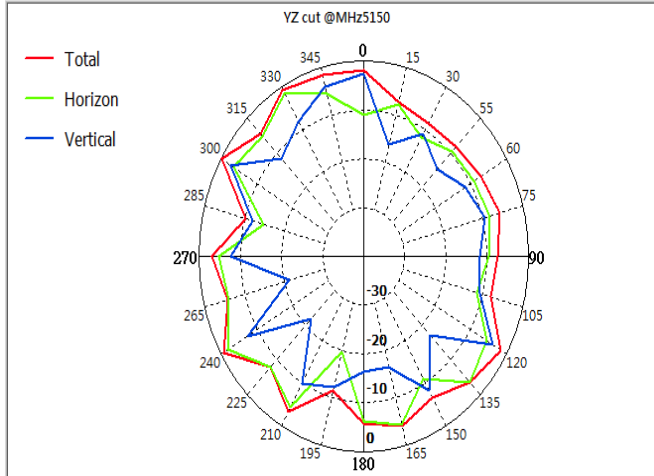
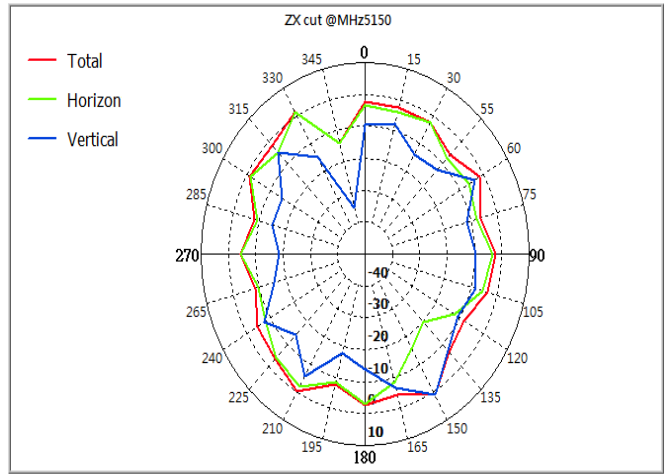
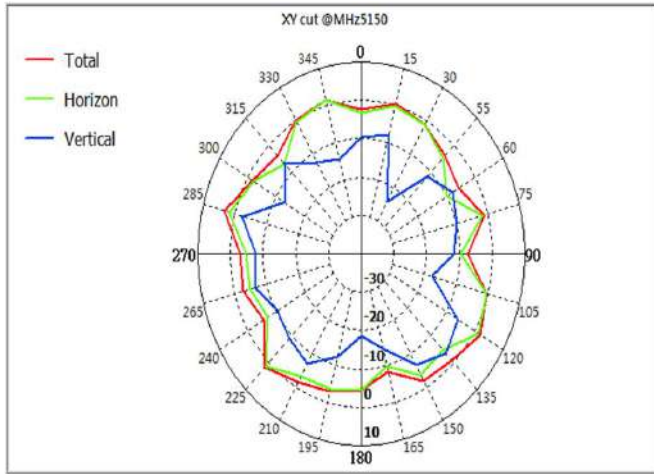


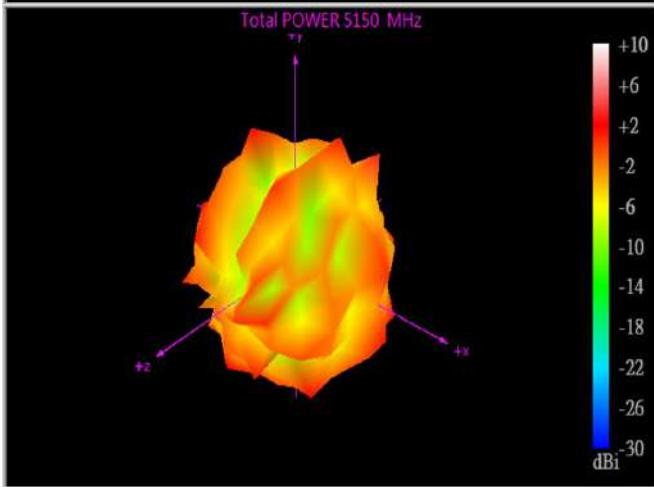
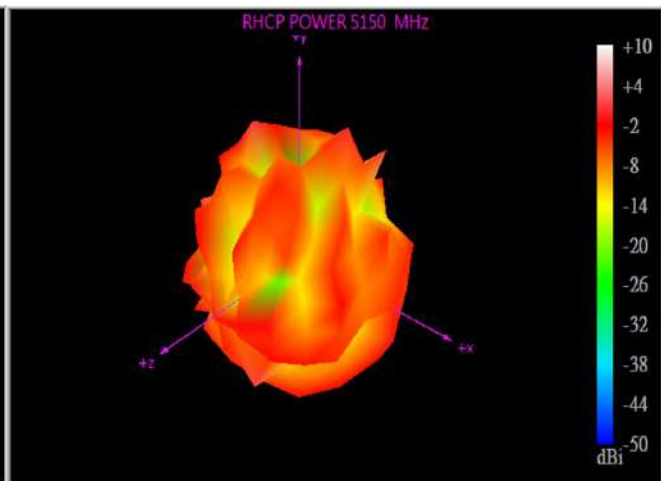
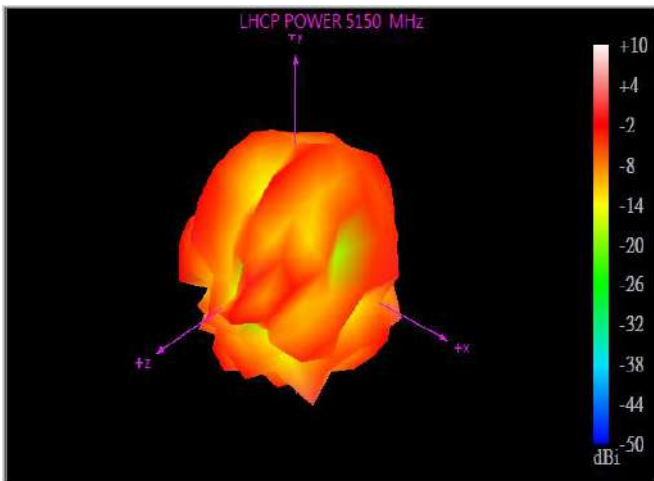
2500Mhz:



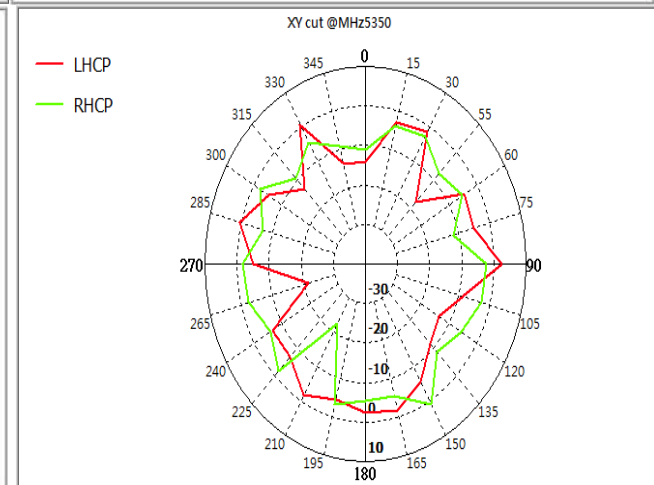
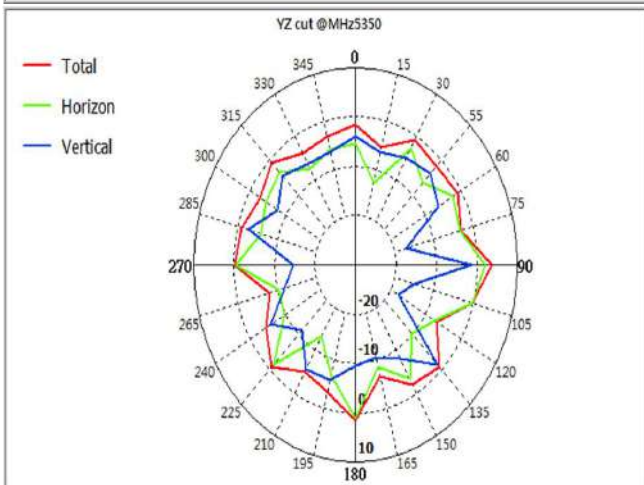
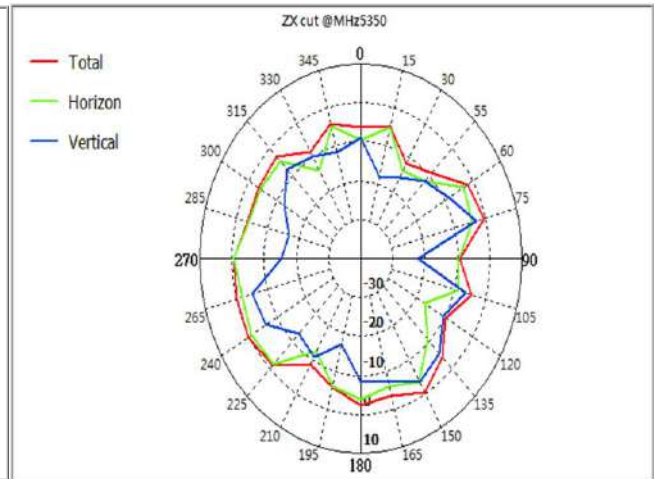
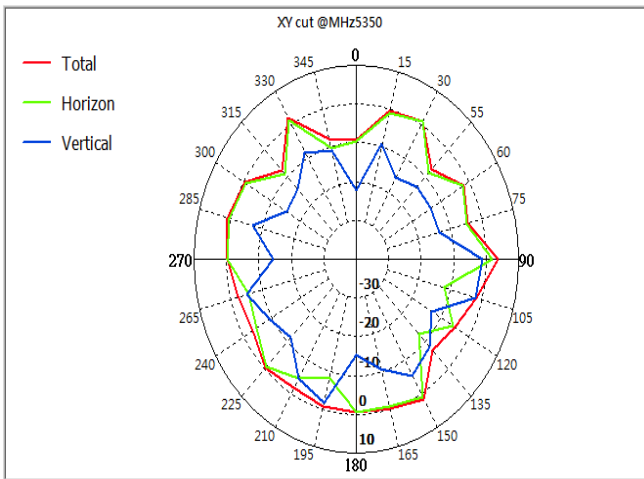


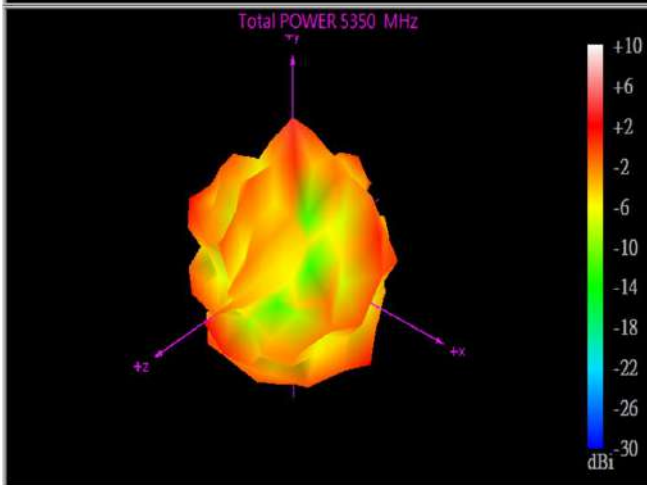
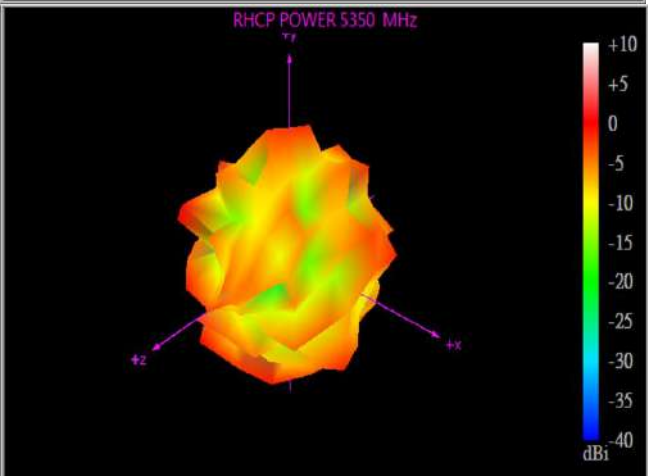
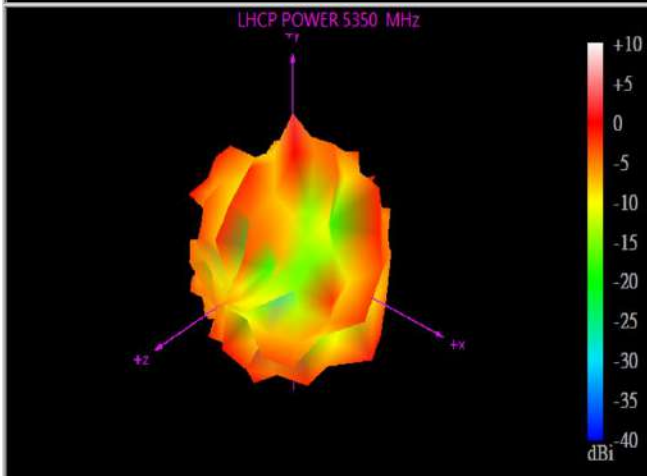
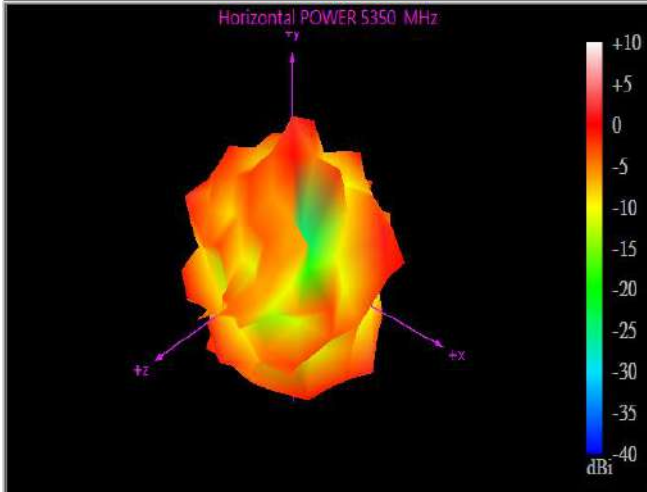
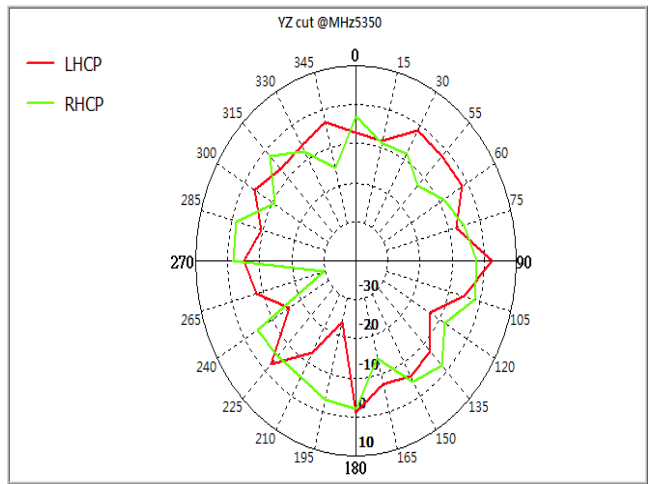
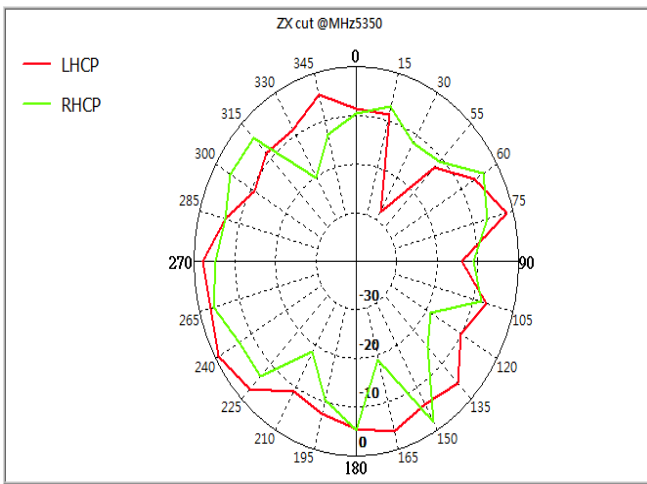
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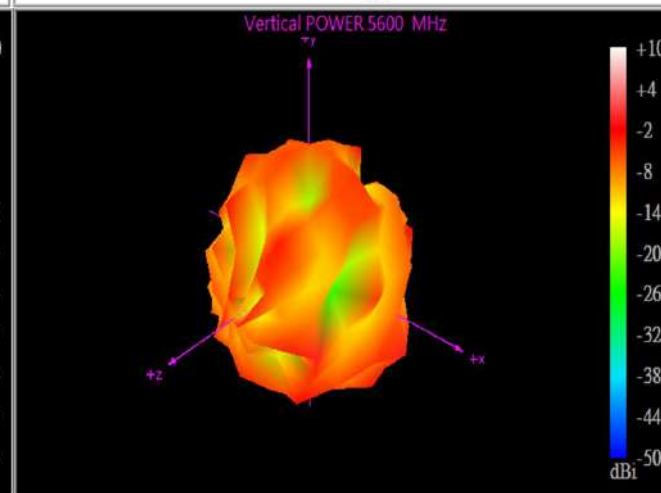
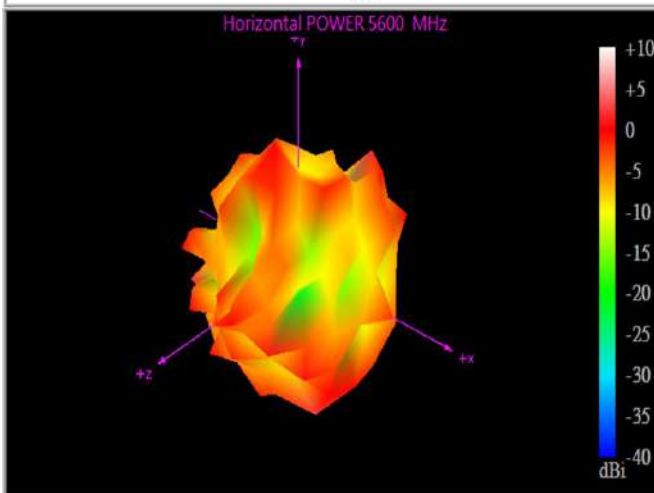
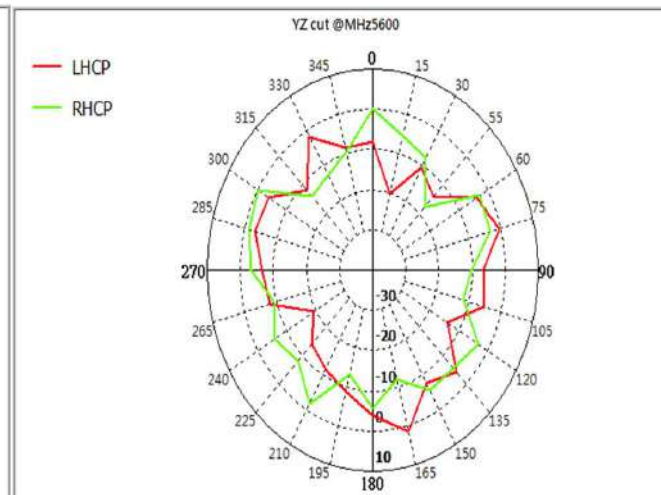
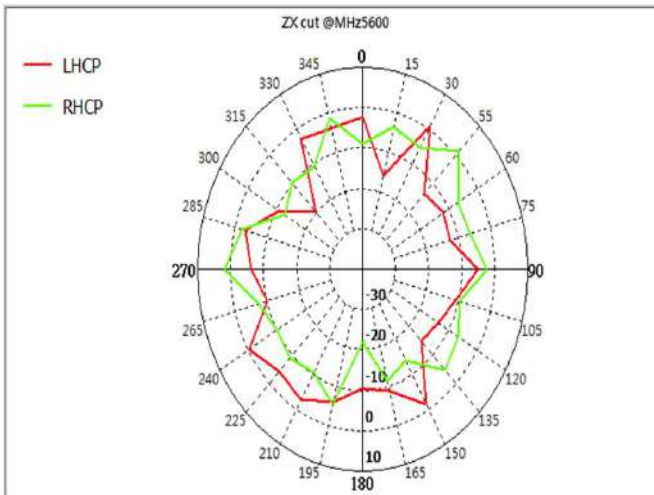
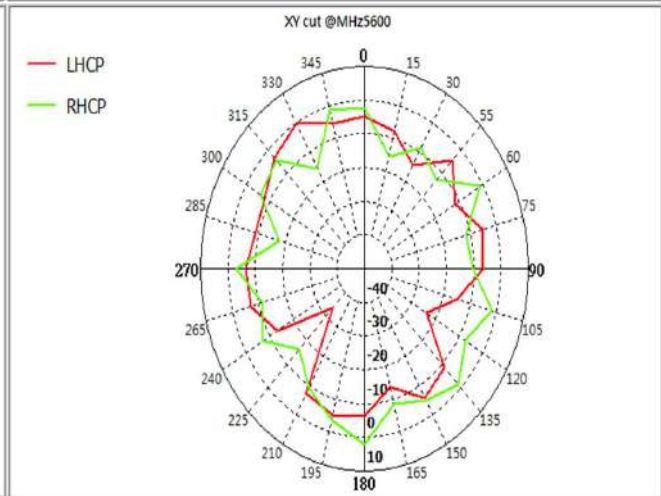
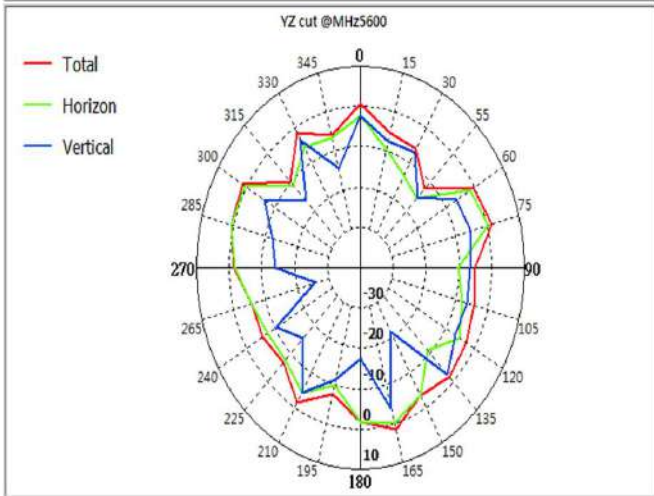
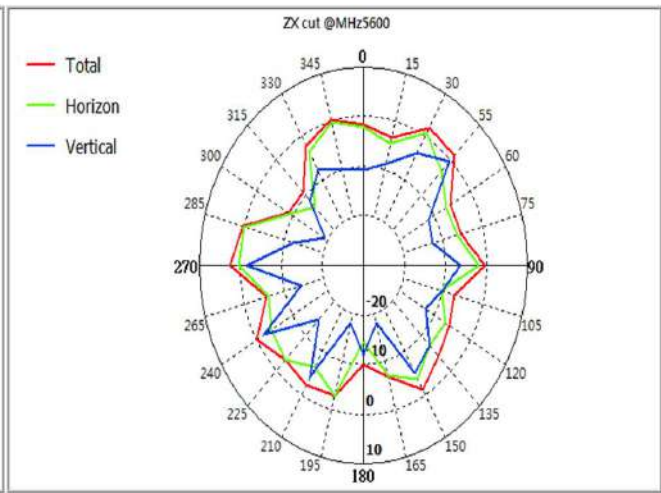
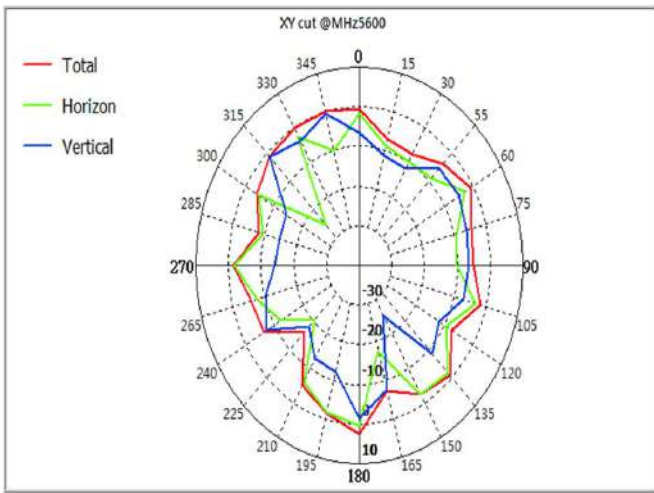


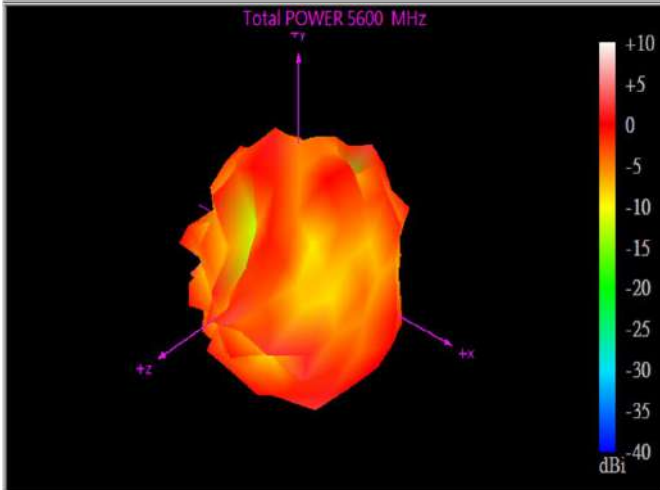
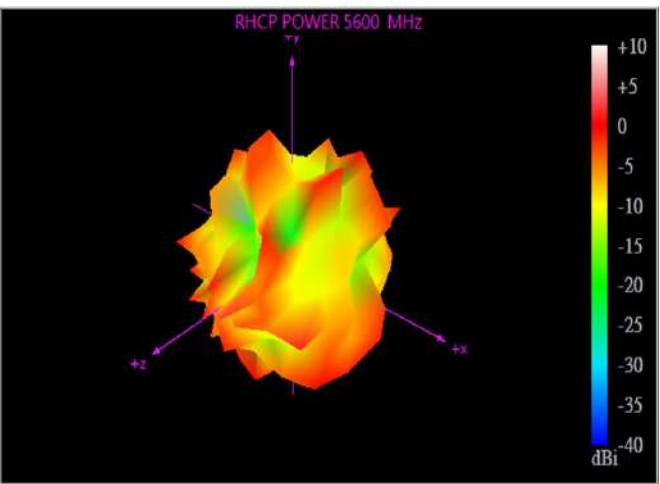
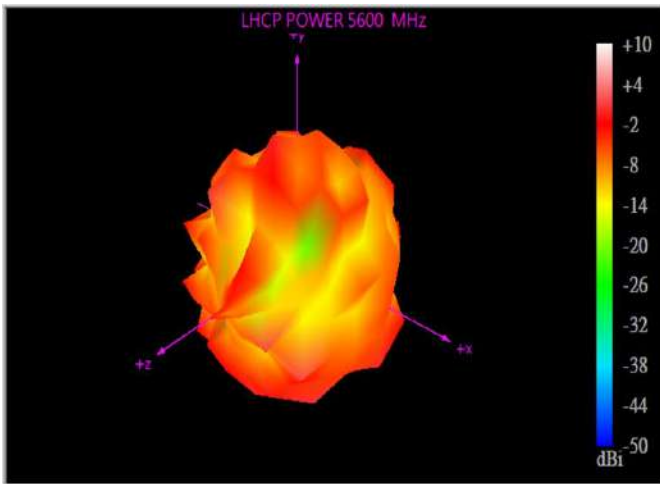
5350Mhz:



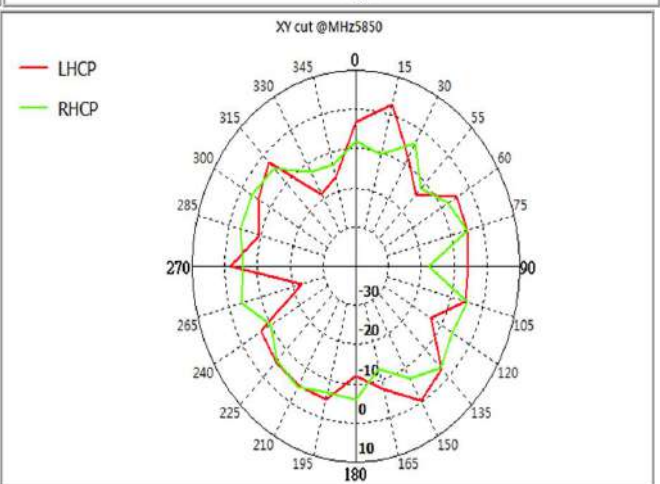
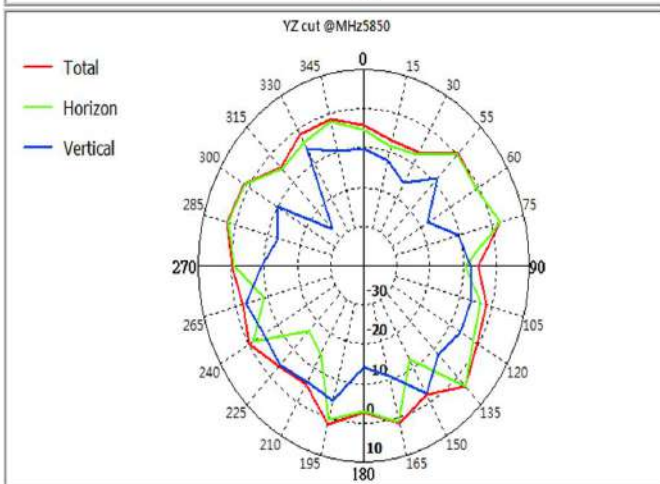
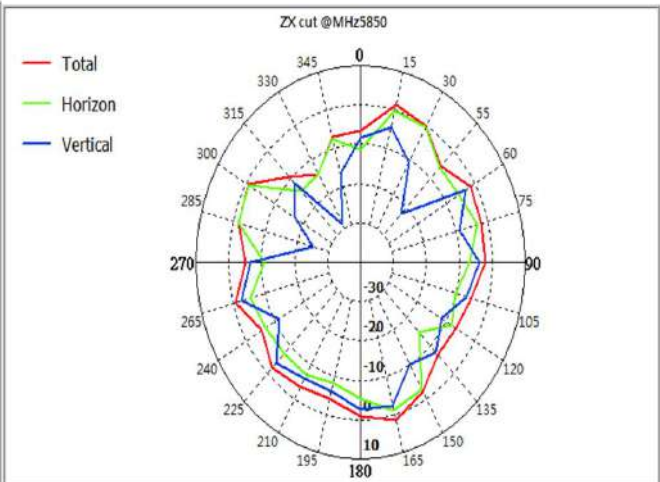
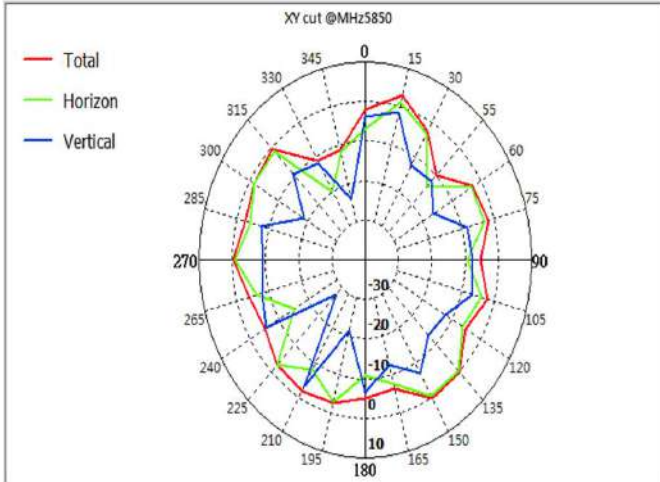


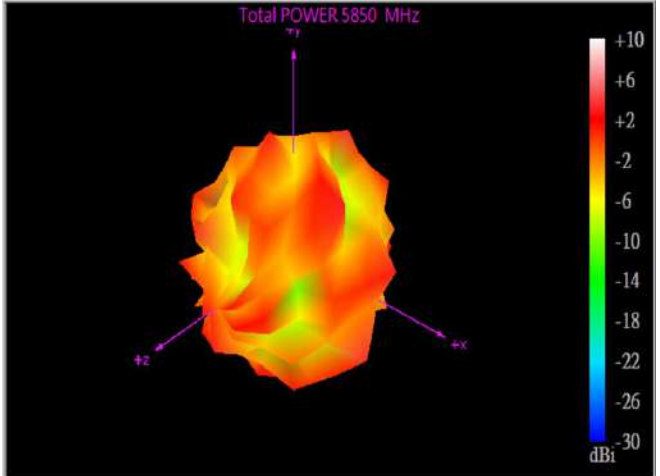
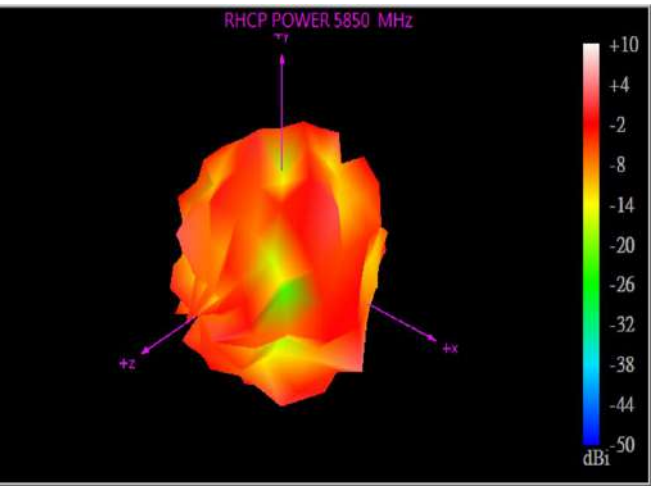
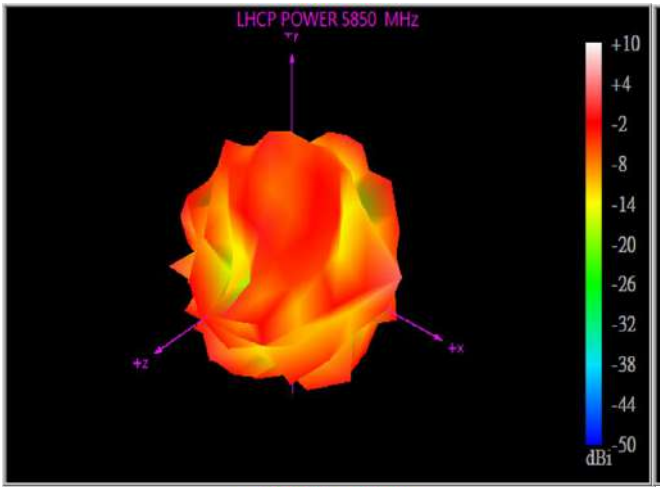
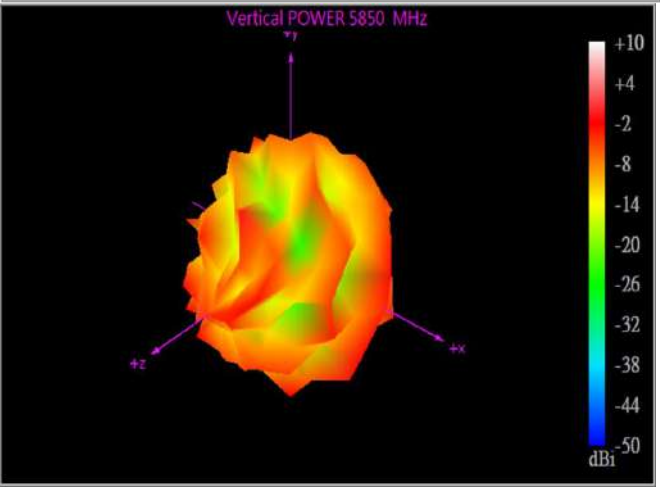
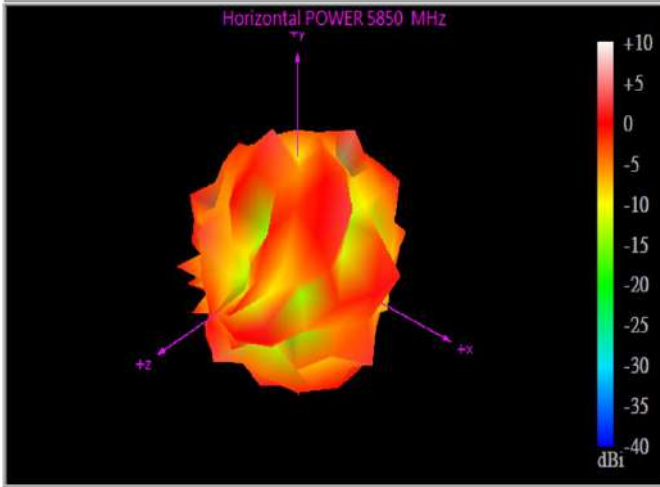
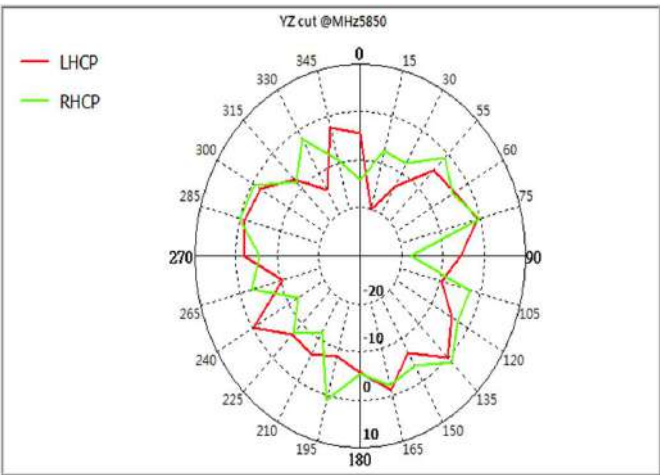
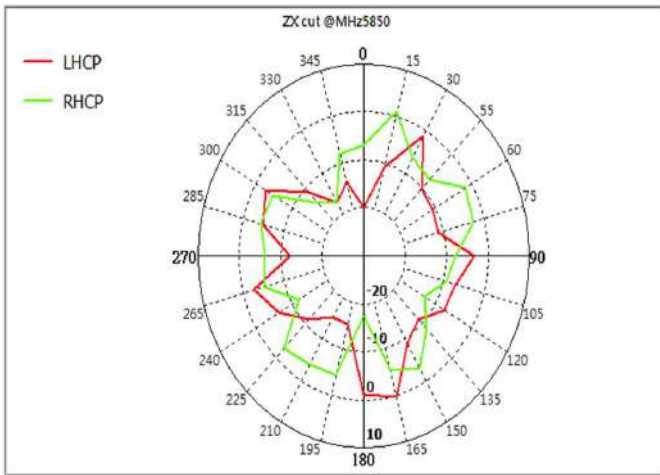
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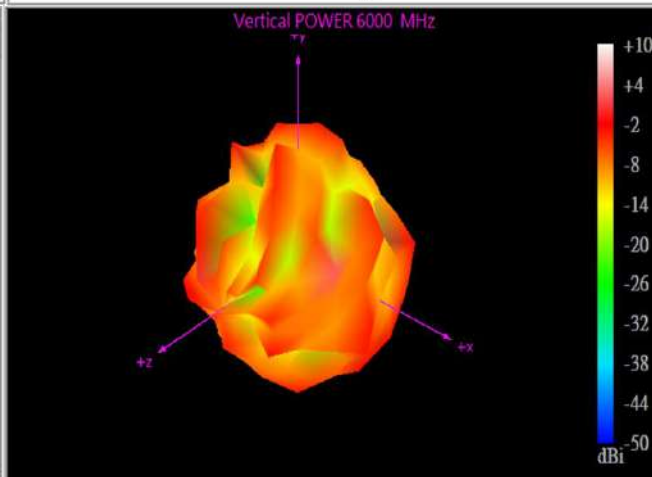
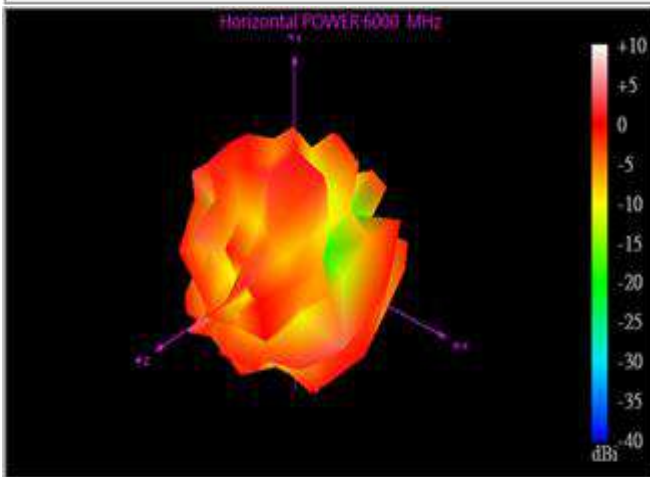
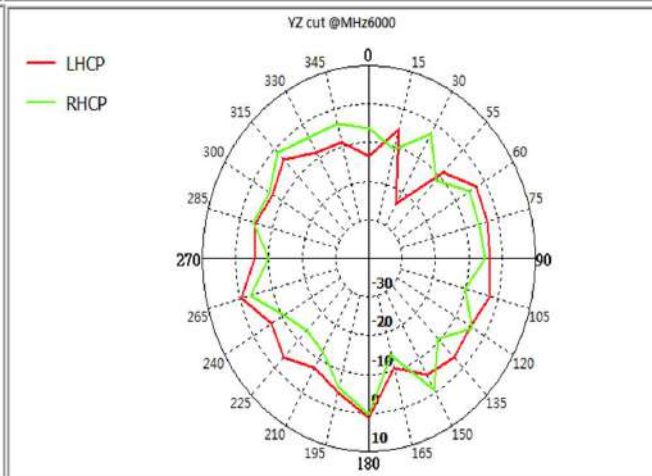
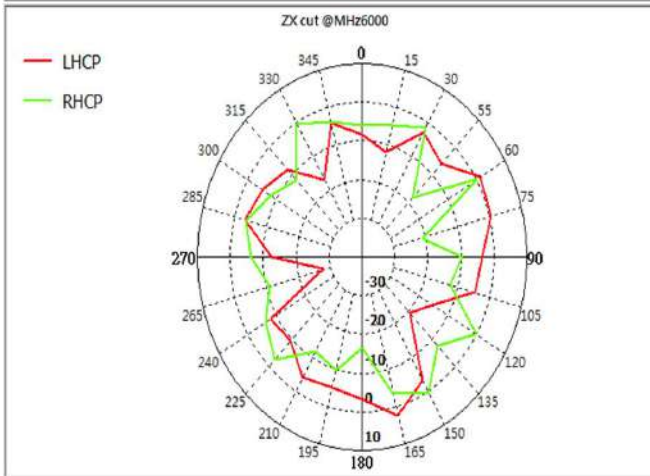
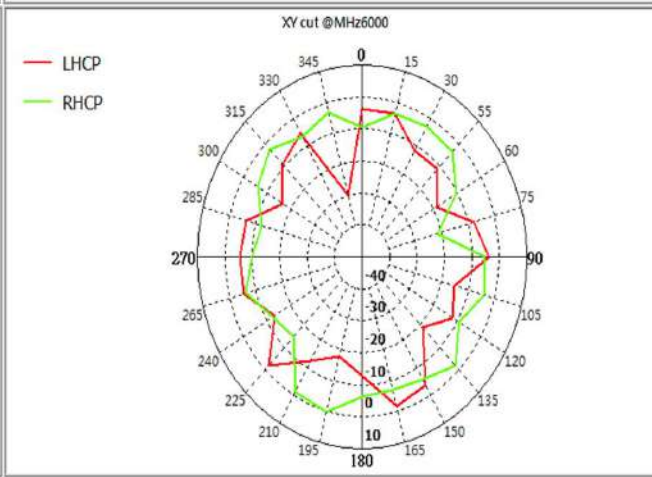
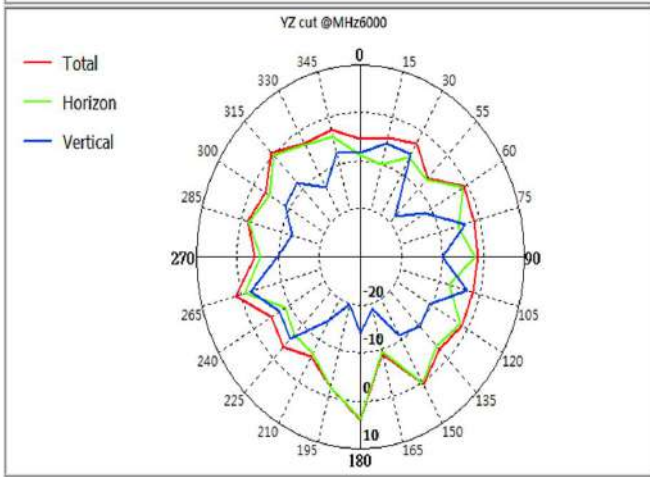
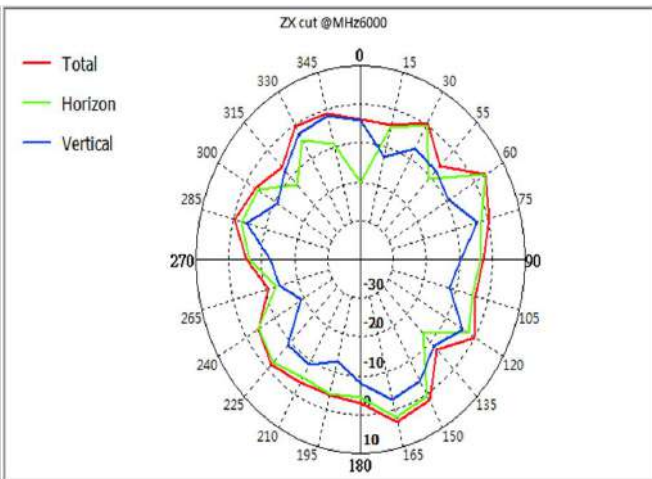
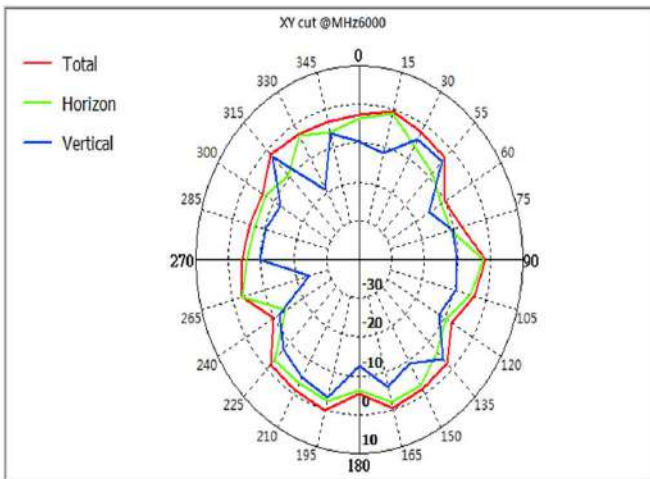


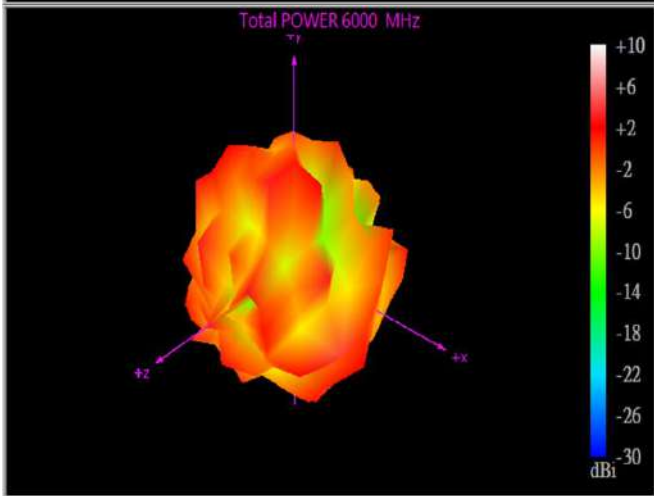
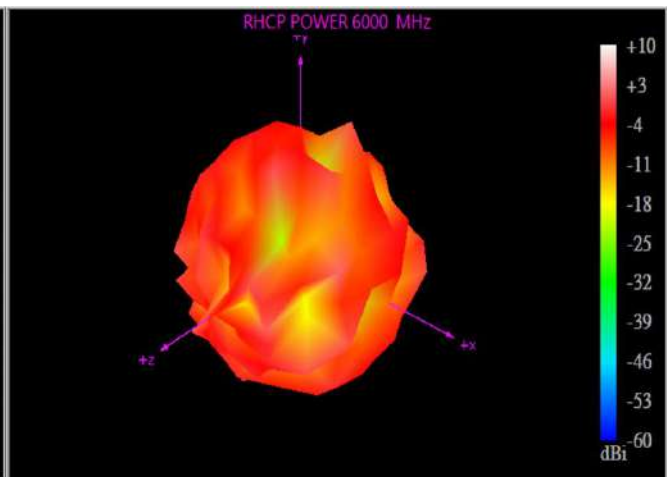
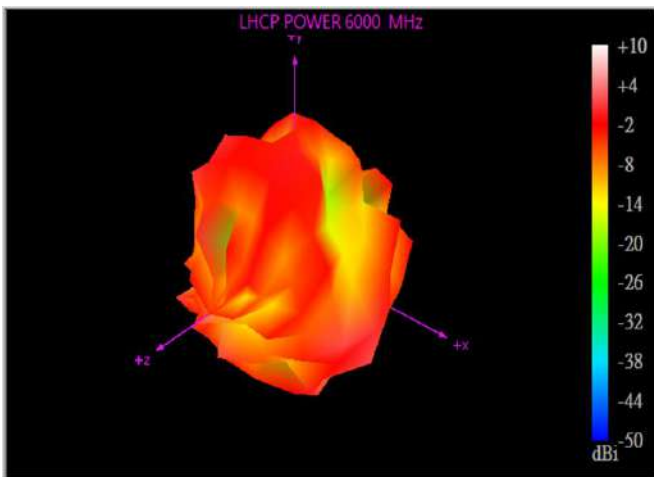
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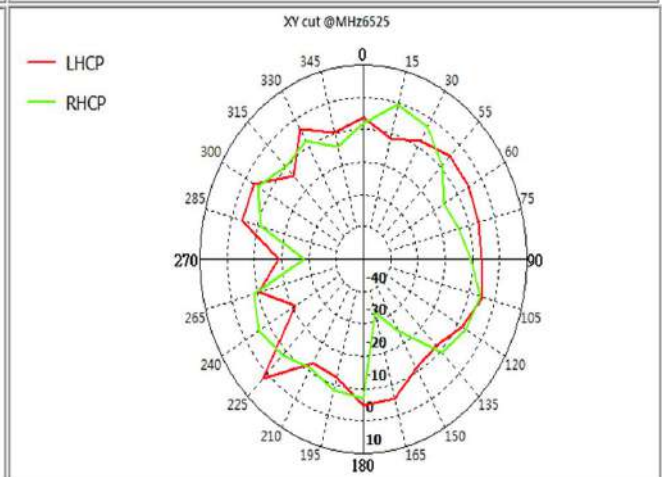
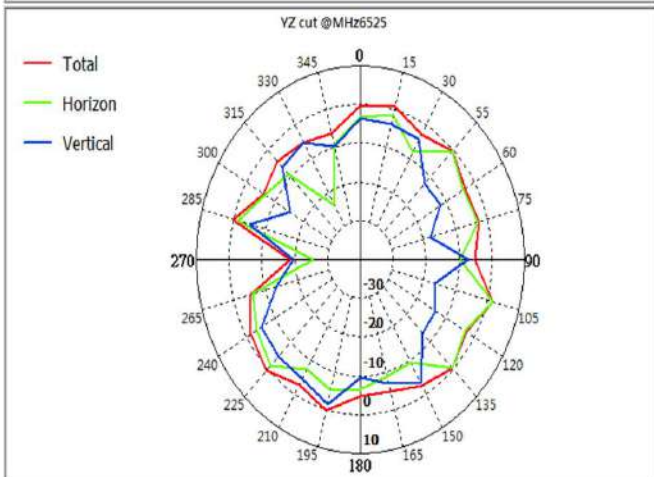
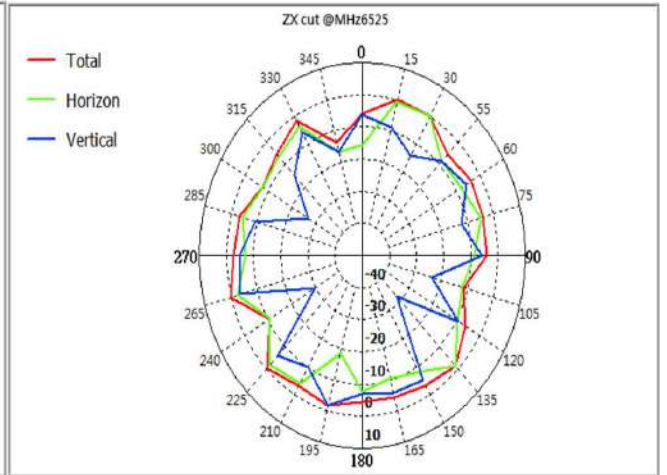
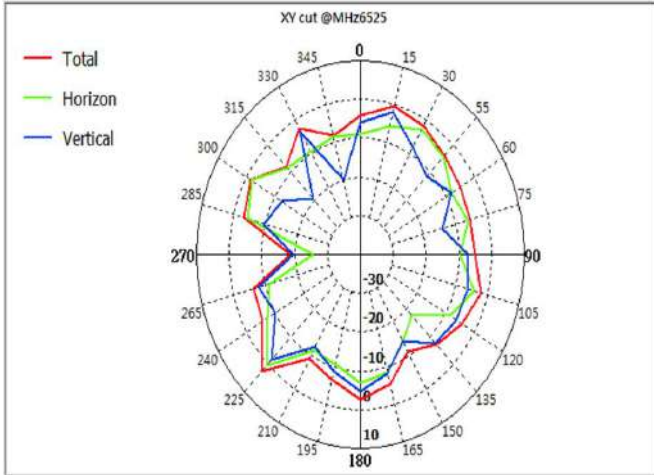


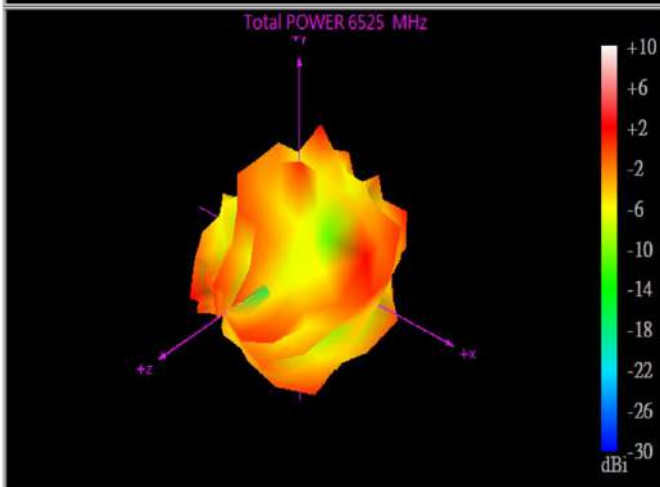
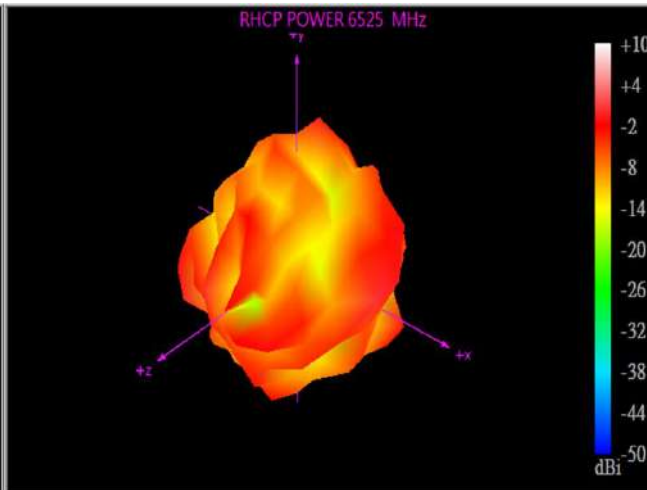
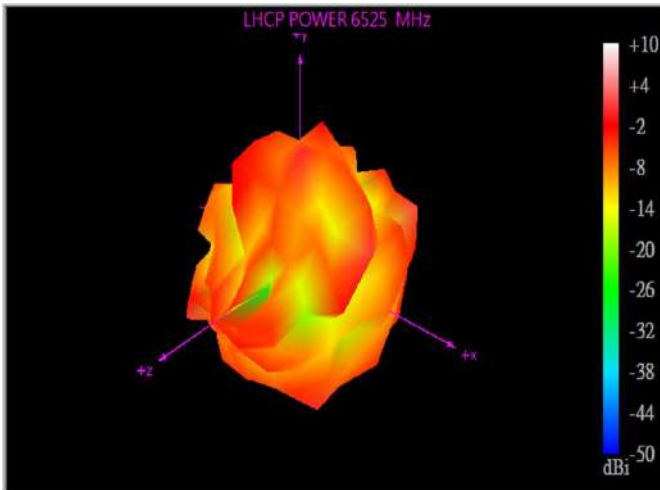
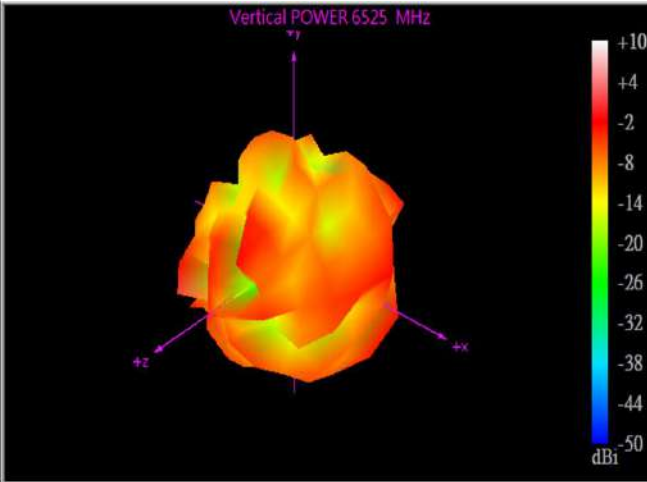
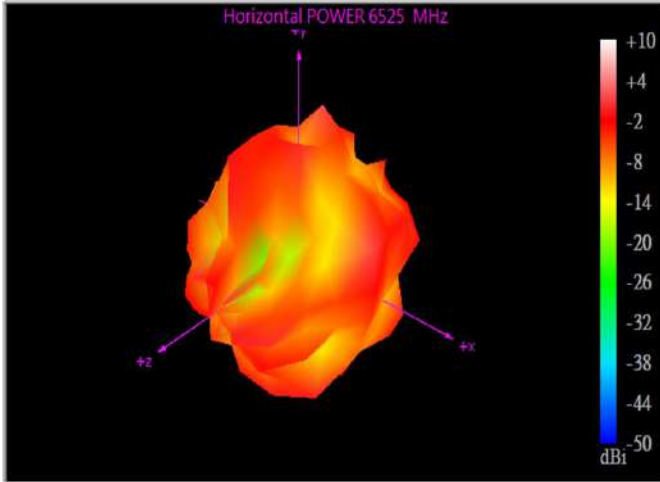
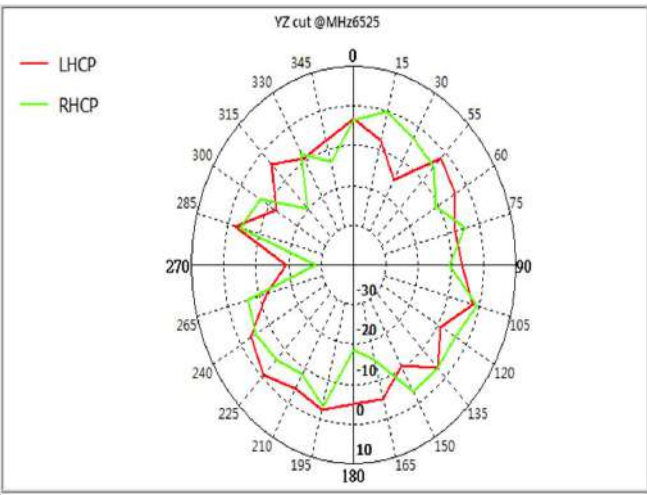
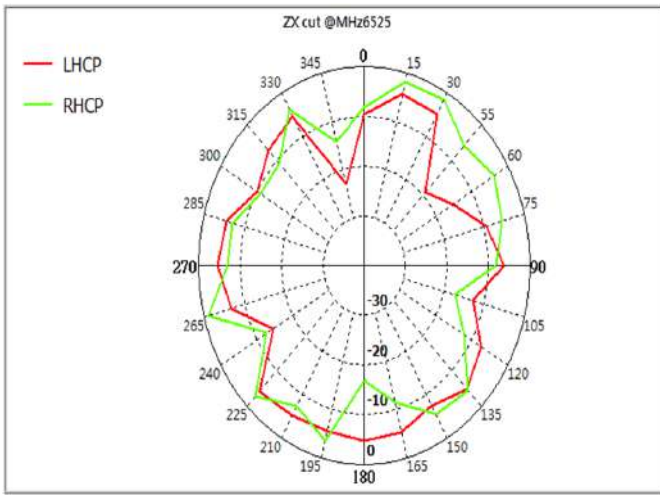
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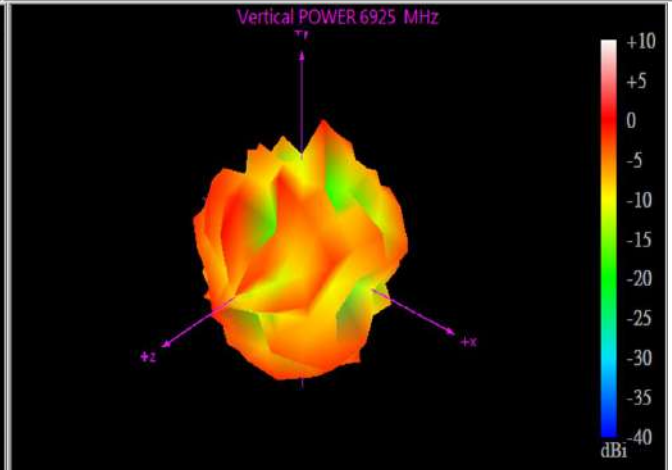
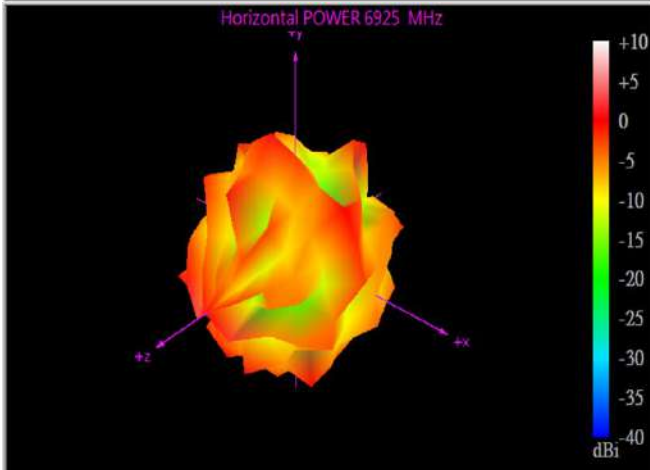
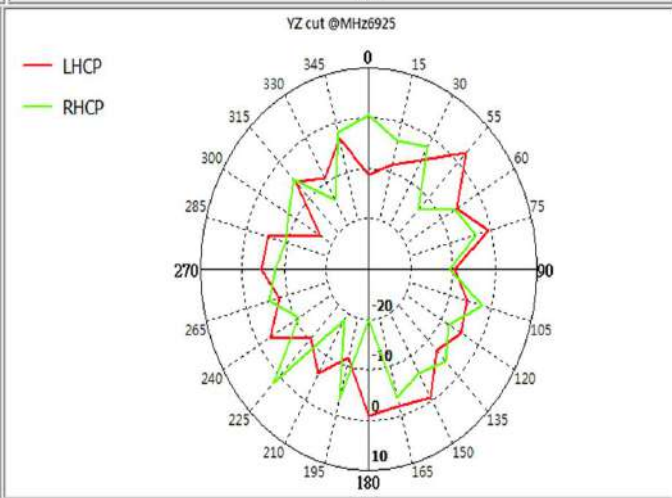
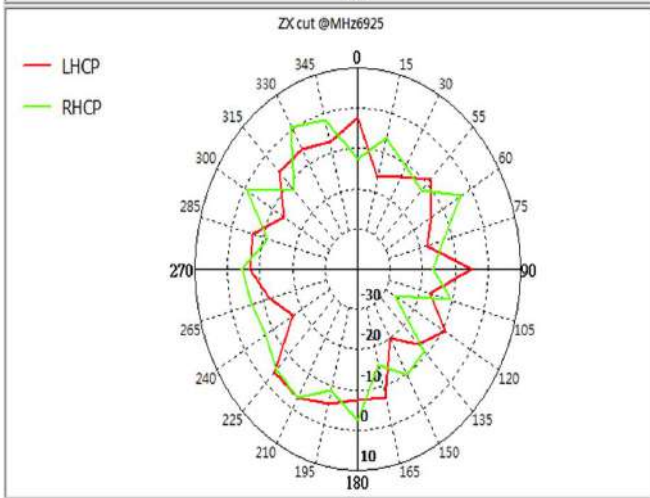
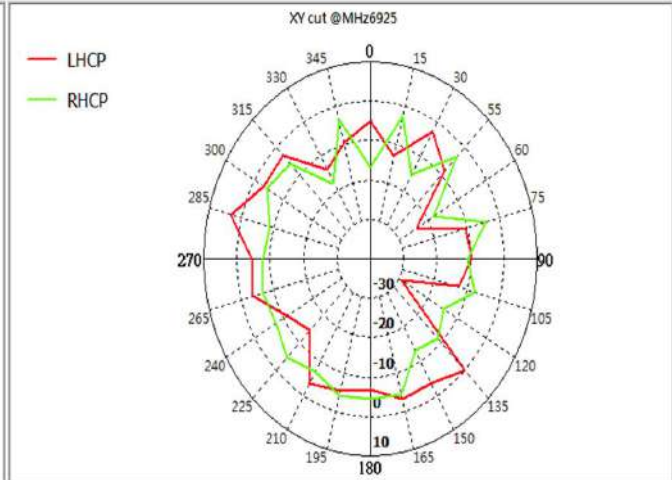
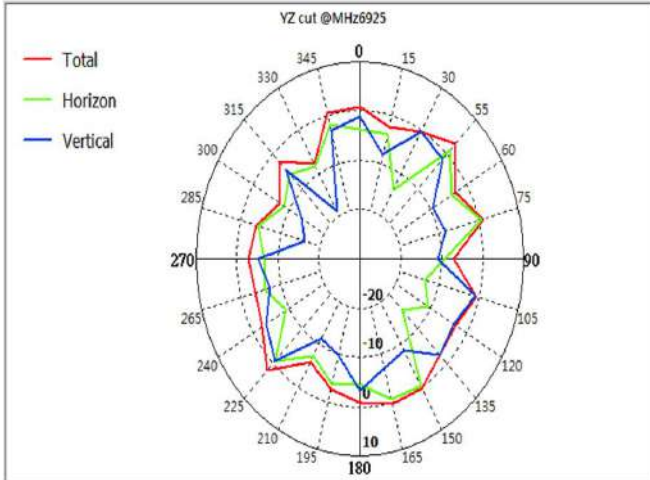
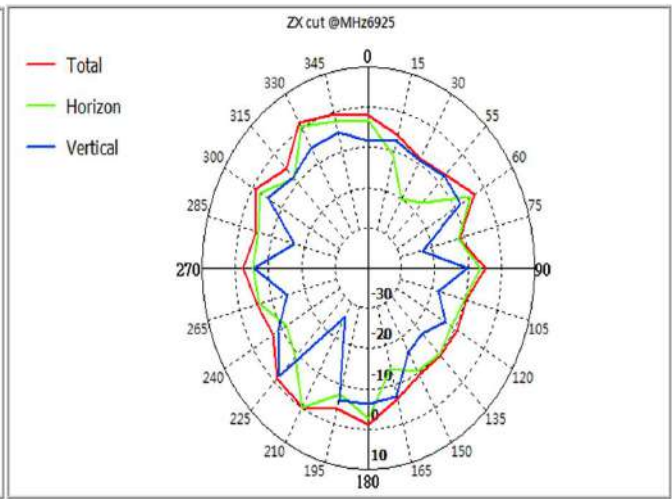
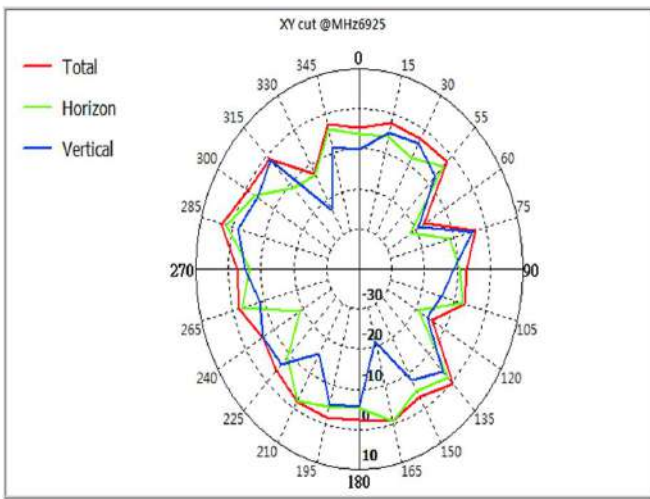


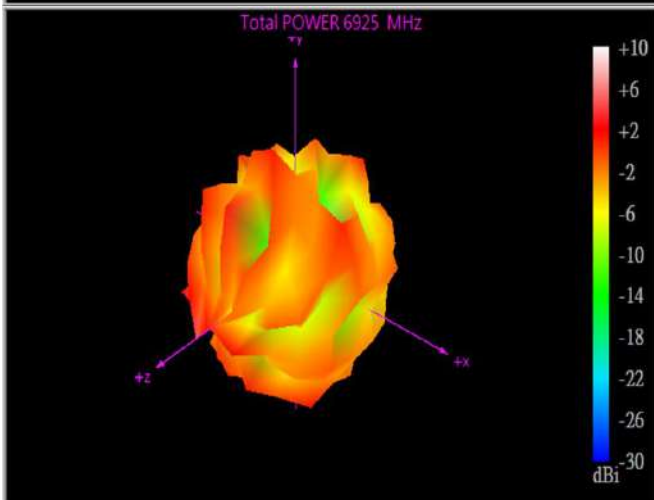
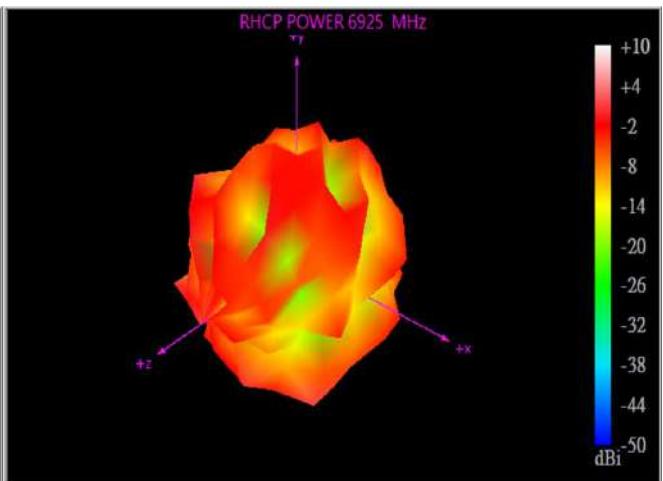
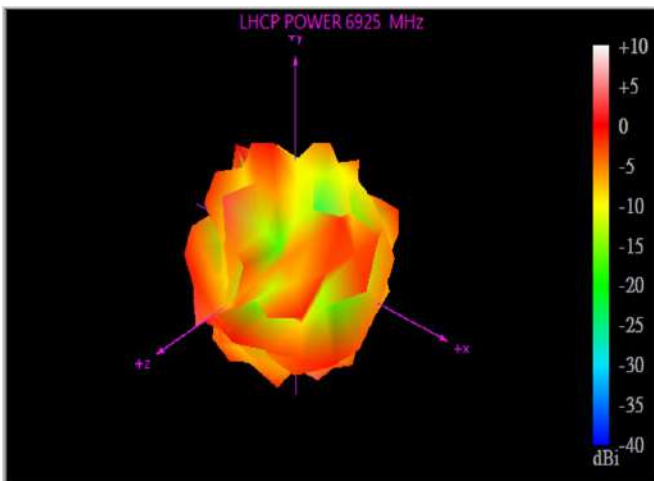
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