

2.3~6Ghz Antenna

MODEL: TH-2360



1. GENERAL DESCRIPTION

Model No
TH-2360-SMA(M)

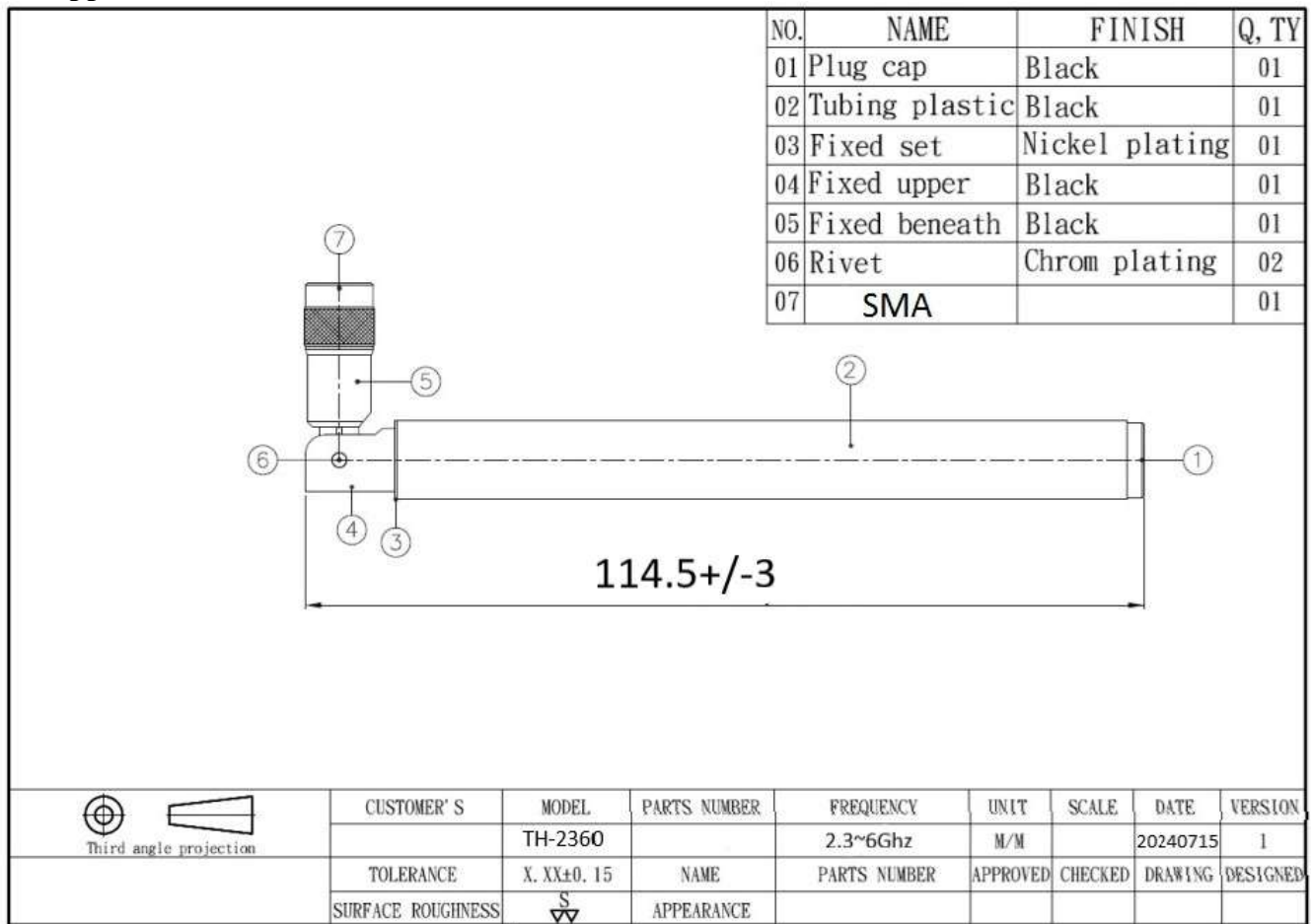
1.1 Electrical Properties

Parameter	Description
Frequency Band	2.3~6GHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	3.0:1

1.2 Mechanical Properties

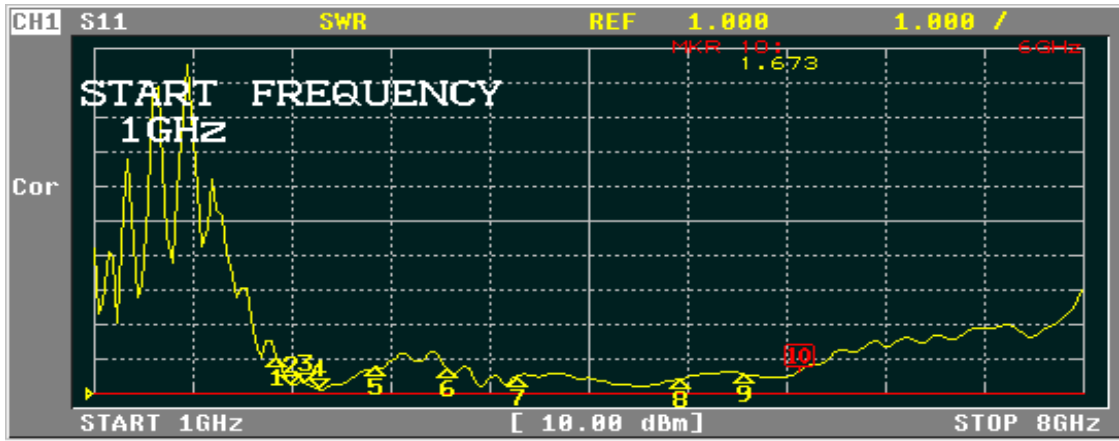
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA(M)
Antenna Dimensions	OD16 x 114.5 mm \pm 3
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C

2. Appearance



3. Return Loss, V.S.W.R. and Smith Chart





CH1 MARKER LIST

1:	2.300 000GHz	2.056
2:	2.400 000GHz	1.276
3:	2.500 000GHz	1.284
4:	2.600 000GHz	1.132
5:	3.000 000GHz	1.766
6:	3.500 000GHz	1.722
7:	4.000 000GHz	1.523
8:	5.150 000GHz	1.419
9:	5.600 000GHz	1.564
10:	6.000 000GHz	1.673

CAL MENU

1 PORT FULL CAL

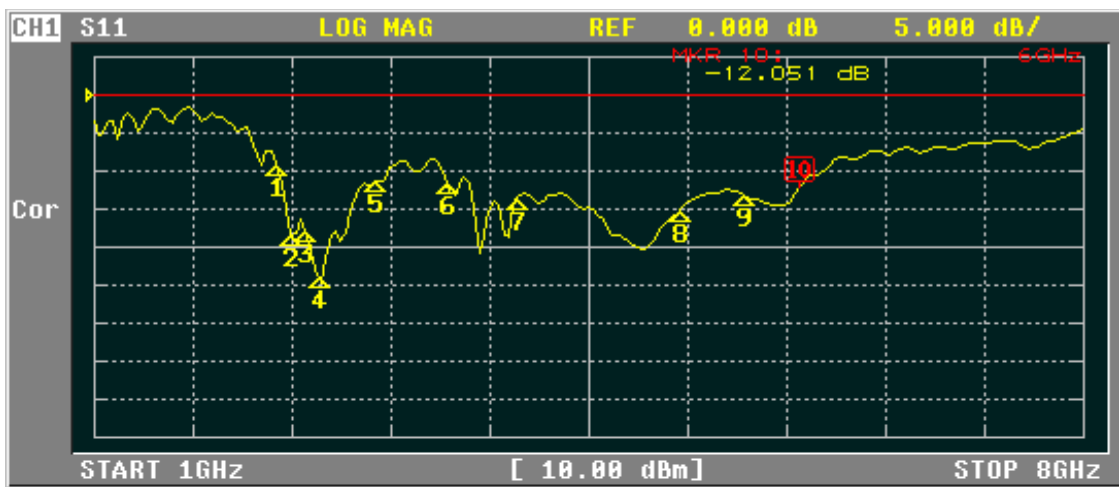
2 PORT CAL MENU

AUTO CAL

CLEAR CAL DATA

CAL KIT N(50Ω)

Return



CH1 MARKER LIST

1:	2.300 000GHz	-9.316 dB
2:	2.400 000GHz	-18.295 dB
3:	2.500 000GHz	-18.096 dB
4:	2.600 000GHz	-24.154 dB
5:	3.000 000GHz	-11.267 dB
6:	3.500 000GHz	-11.548 dB
7:	4.000 000GHz	-13.574 dB
8:	5.150 000GHz	-15.018 dB
9:	5.600 000GHz	-13.132 dB
10:	6.000 000GHz	-12.051 dB

FORMAT

LOG MAG

PHASE

DELAY

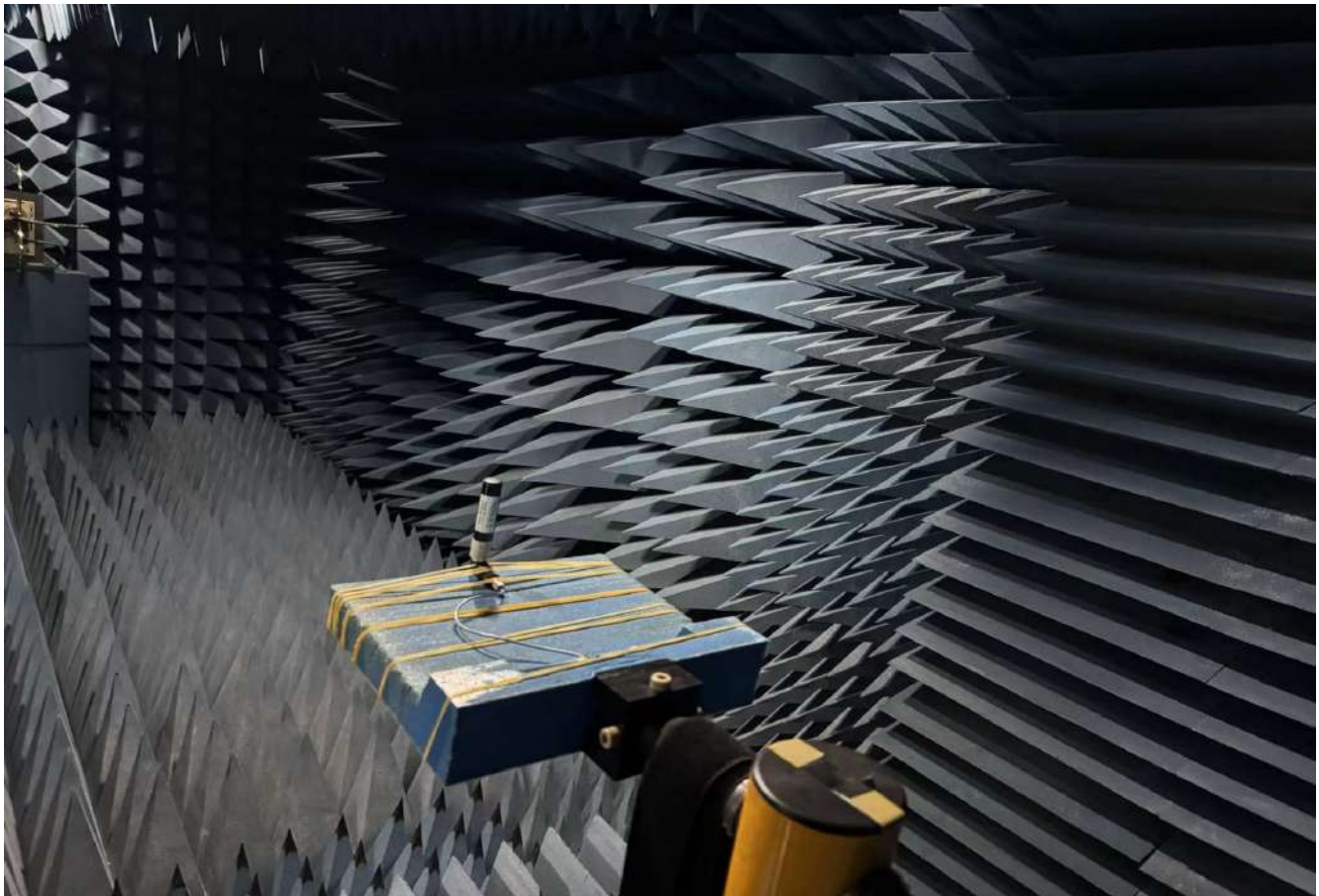
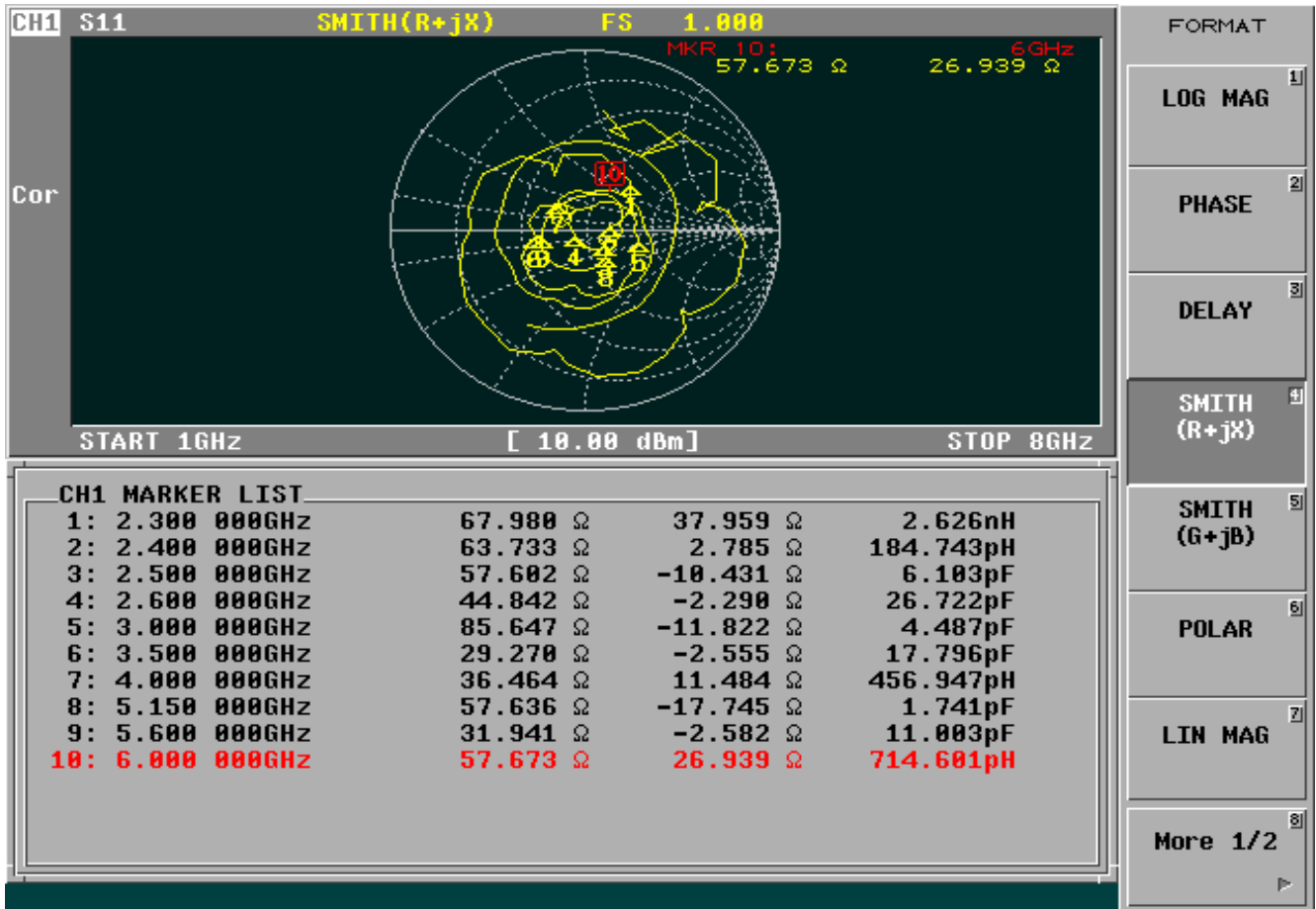
SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

More 1/2

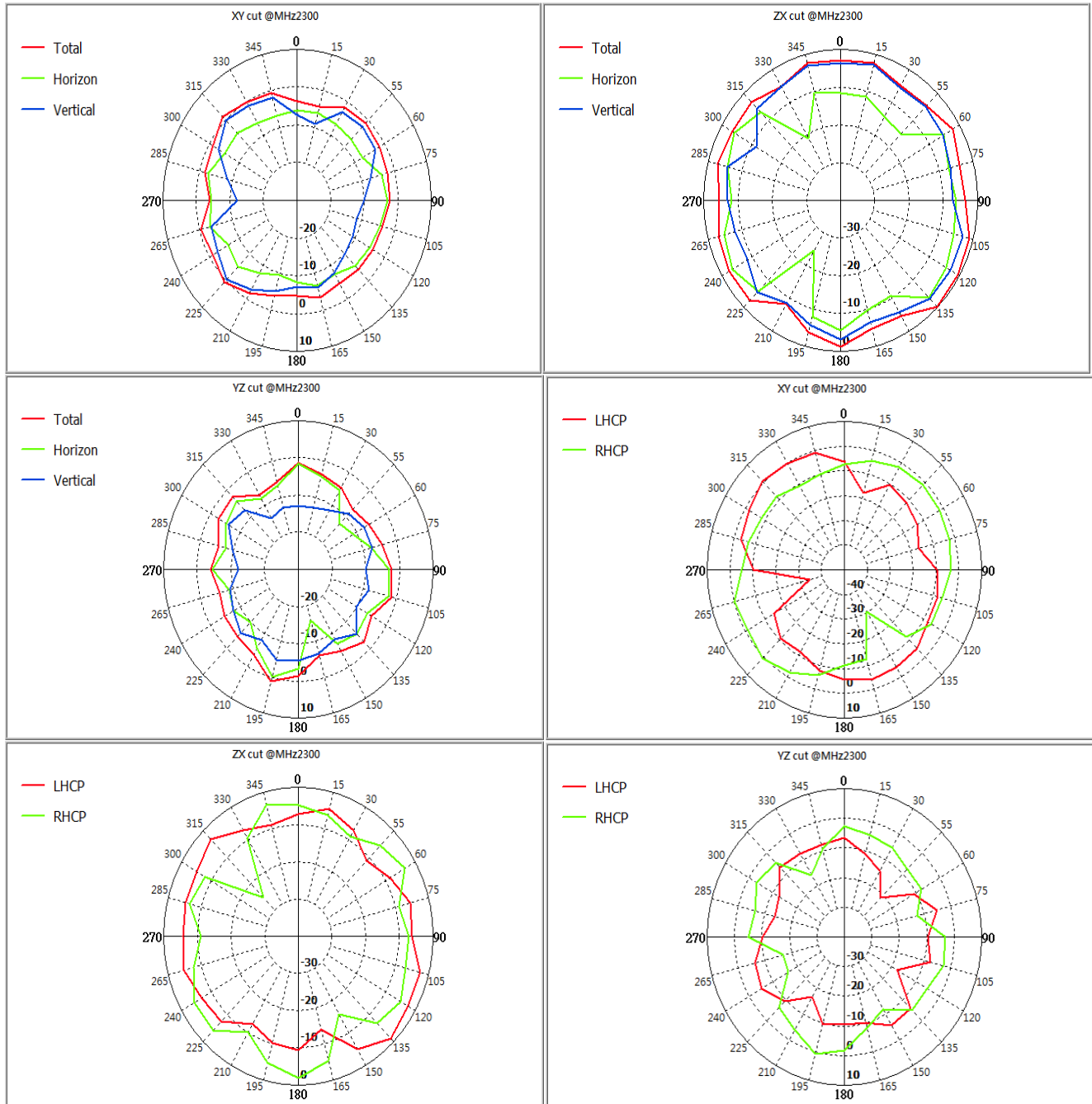


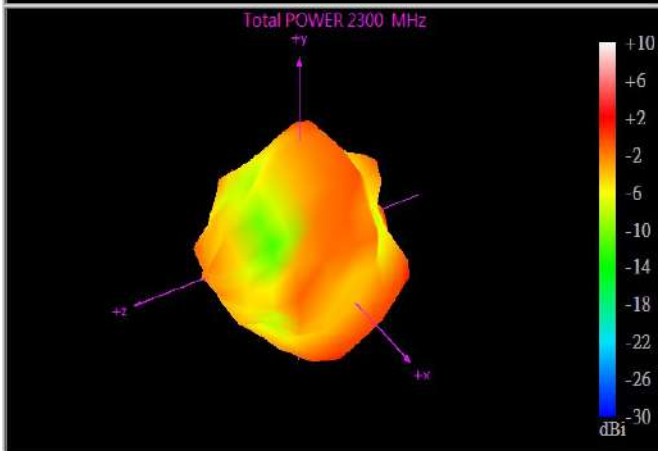
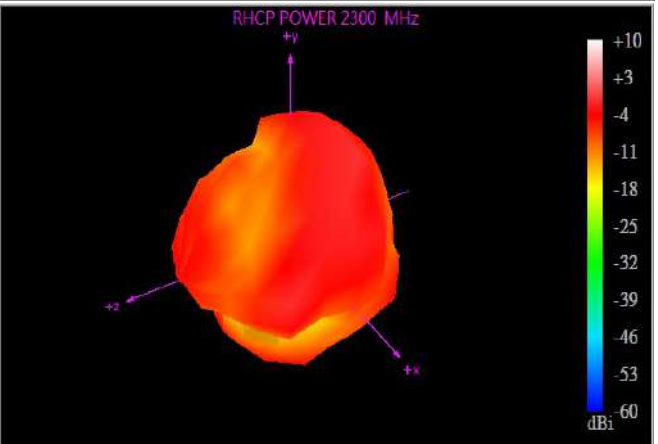
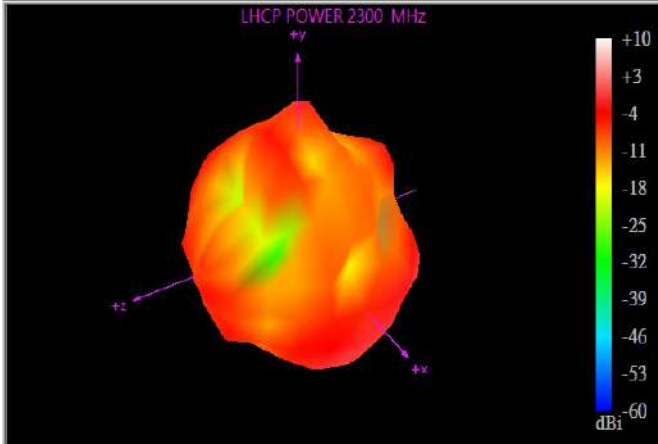
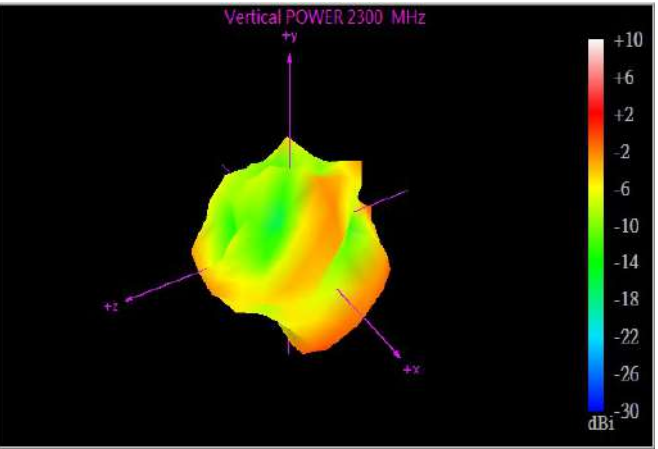
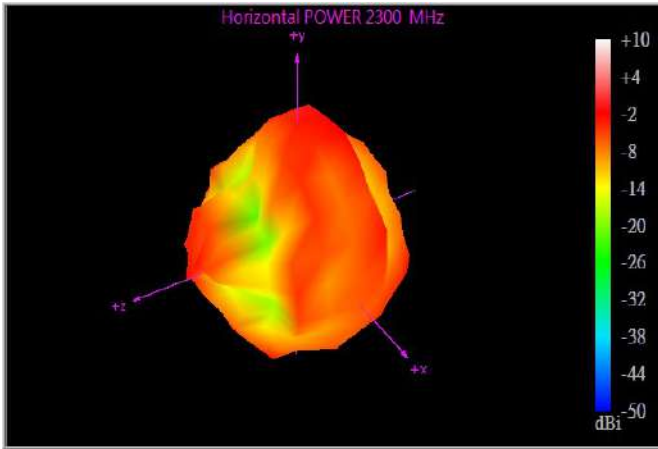
3D Total

Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
2300 MHz	-7.17	-5.96	-3.51	44.52	1.46	-3.51
2325 MHz	-6.74	-5.24	-2.91	51.16	2.04	-2.91
2350 MHz	-7.57	-5.96	-3.68	42.84	1.67	-3.68
2375 MHz	-7.86	-5.88	-3.75	42.19	1.62	-3.75
2400 MHz	-8.30	-5.95	-3.96	40.19	1.66	-3.96
2500 MHz	-7.16	-5.19	-3.06	49.47	1.90	-3.06
2515 MHz	-6.69	-4.94	-2.71	53.52	2.00	-2.71
2535 MHz	-7.01	-5.34	-3.08	49.15	1.65	-3.08
2555 MHz	-6.91	-4.86	-2.75	53.04	2.48	-2.75
2570 MHz	-6.98	-4.92	-2.82	52.25	2.43	-2.82
2595 MHz	-6.59	-4.51	-2.42	57.32	2.79	-2.42
2620 MHz	-6.55	-4.59	-2.45	56.93	2.73	-2.45
2630 MHz	-6.31	-4.40	-2.24	59.76	2.49	-2.24
2655 MHz	-7.04	-5.05	-2.92	51.02	2.19	-2.92
2680 MHz	-6.99	-4.75	-2.72	53.48	2.58	-2.72
2690 MHz	-7.17	-5.01	-2.95	50.73	2.65	-2.95
3300 MHz	-6.25	-4.35	-2.19	60.45	2.83	-2.19
3350 MHz	-6.37	-4.07	-2.06	62.28	4.39	-2.06
3400 MHz	-7.36	-5.38	-3.25	47.33	1.60	-3.25
3450 MHz	-6.19	-3.94	-1.91	64.37	3.98	-1.91
3500 MHz	-5.44	-3.26	-1.20	75.80	4.69	-1.20
3550 MHz	-6.76	-4.89	-2.72	53.50	4.04	-2.72
3600 MHz	-4.71	-3.29	-0.93	80.73	6.41	-0.93
3650 MHz	-5.39	-3.86	-1.55	70.06	4.56	-1.55
3700 MHz	-6.12	-4.76	-2.38	57.87	3.33	-2.38
3750 MHz	-5.98	-4.75	-2.31	58.68	2.96	-2.31
3800 MHz	-7.19	-5.32	-3.14	48.48	2.21	-3.14
3850 MHz	-5.93	-4.10	-1.91	64.41	3.10	-1.91
4400 MHz	-5.13	-5.18	-2.15	61.01	3.27	-2.15
4450 MHz	-6.03	-5.81	-2.91	51.18	2.40	-2.91
4500 MHz	-6.34	-6.48	-3.40	45.71	1.88	-3.40
4550 MHz	-7.30	-7.20	-4.24	37.71	1.98	-4.24
4600 MHz	-6.86	-6.90	-3.87	41.06	1.44	-3.87
4650 MHz	-6.55	-6.27	-3.40	45.74	2.03	-3.40
4700 MHz	-6.31	-6.04	-3.16	48.30	2.80	-3.16
4750 MHz	-7.09	-6.79	-3.93	40.49	1.96	-3.93
4850 MHz	-6.84	-6.30	-3.55	44.13	1.90	-3.55
4900 MHz	-5.66	-5.09	-2.36	58.13	4.22	-2.36
5150 MHz	-6.27	-6.35	-3.30	46.78	2.49	-3.30
5250 MHz	-7.22	-7.51	-4.35	36.69	2.79	-4.35
5350 MHz	-7.21	-7.18	-4.18	38.17	2.00	-4.18

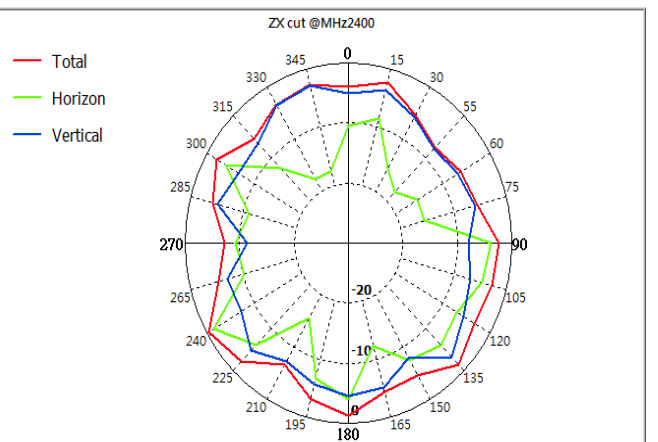
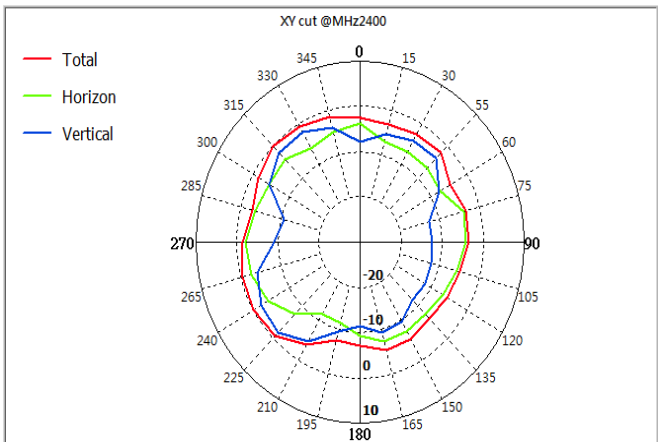
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5600 MHz	-6.86	-6.90	-3.87	41.01	2.51	-3.87
5725 MHz	-7.61	-7.68	-4.64	34.37	1.31	-4.64
5785 MHz	-8.16	-7.63	-4.88	32.53	0.65	-4.88
5800 MHz	-7.93	-7.50	-4.70	33.86	1.01	-4.70
5850 MHz	-7.20	-6.72	-3.94	40.32	2.11	-3.94
5900 MHz	-6.53	-5.96	-3.22	47.62	4.38	-3.22
6000 MHz	-6.94	-6.45	-3.68	42.85	1.87	-3.68

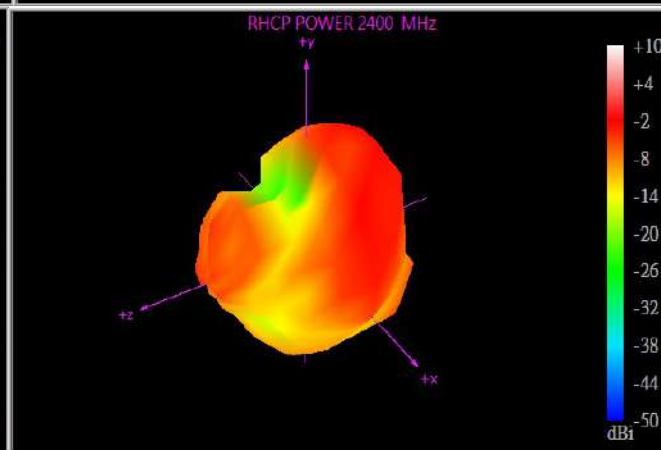
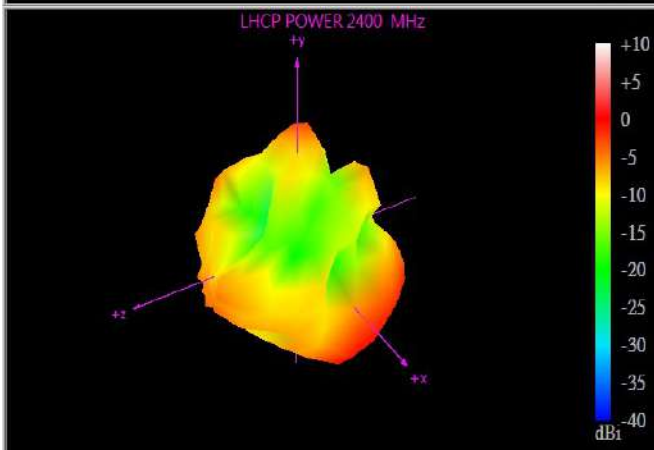
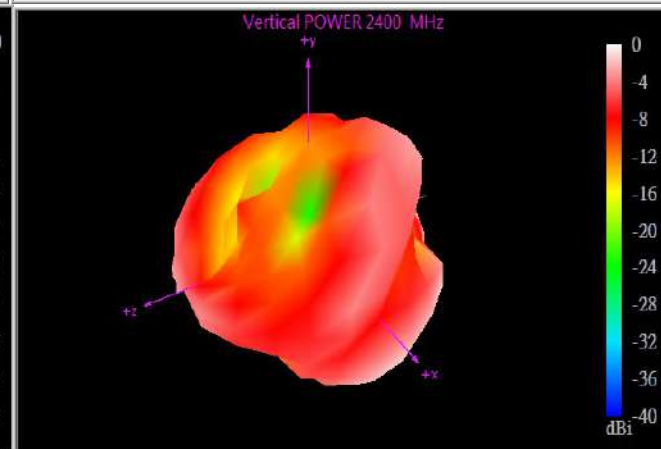
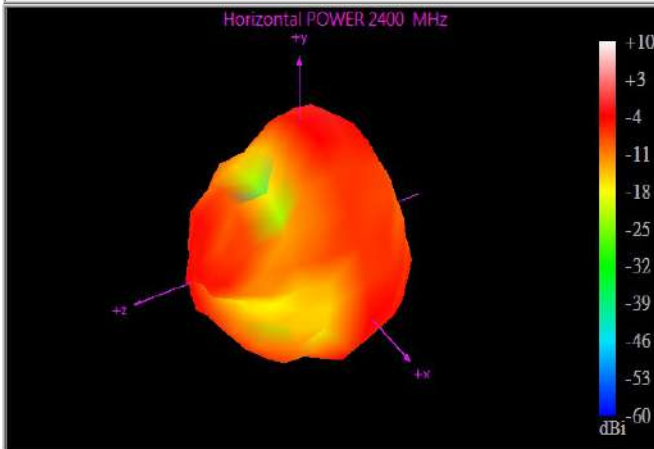
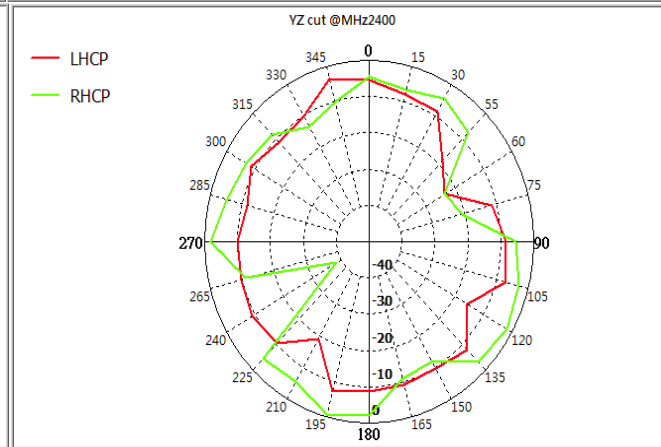
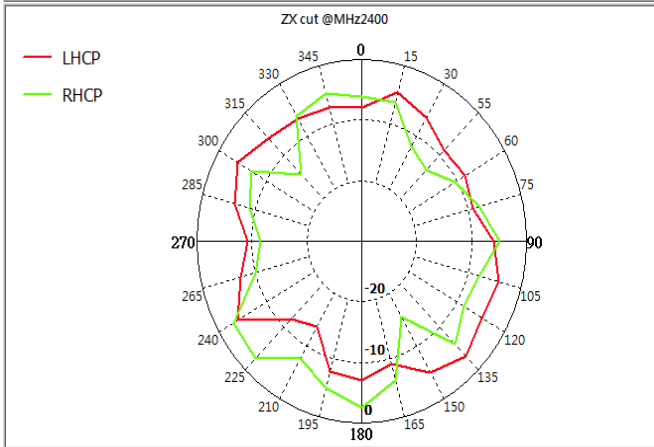
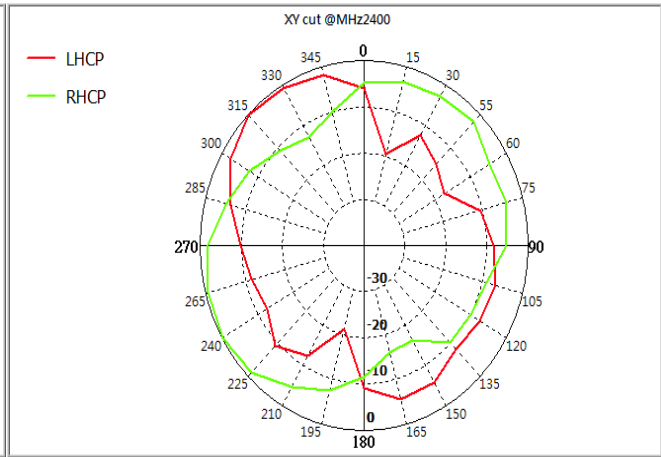
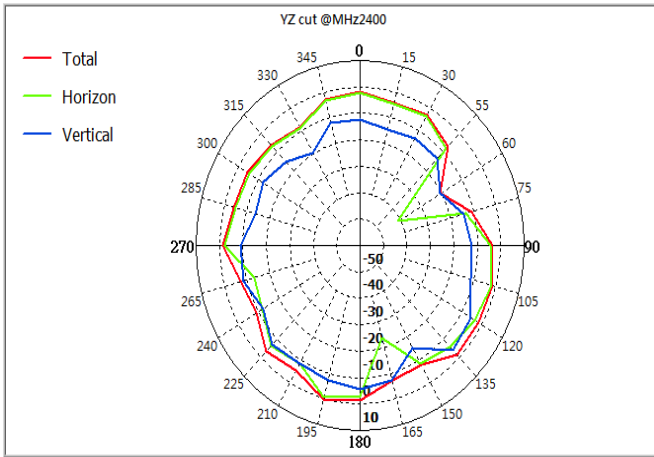
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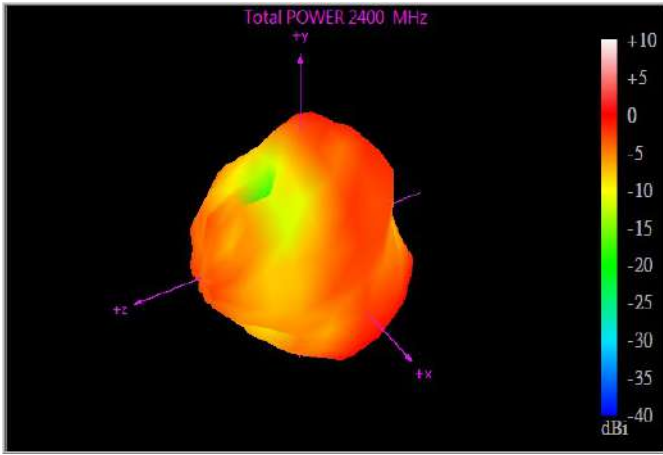




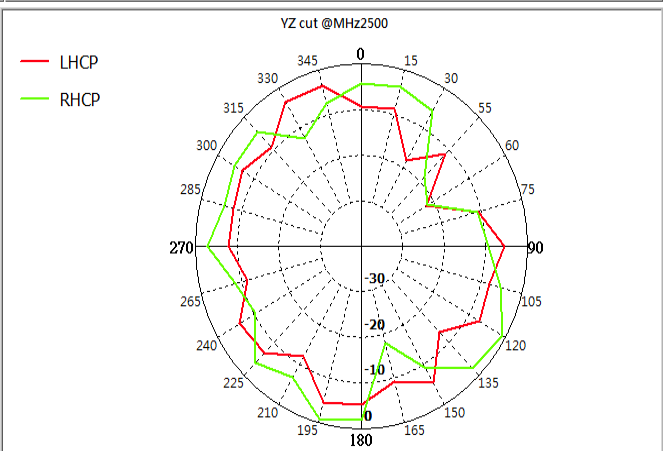
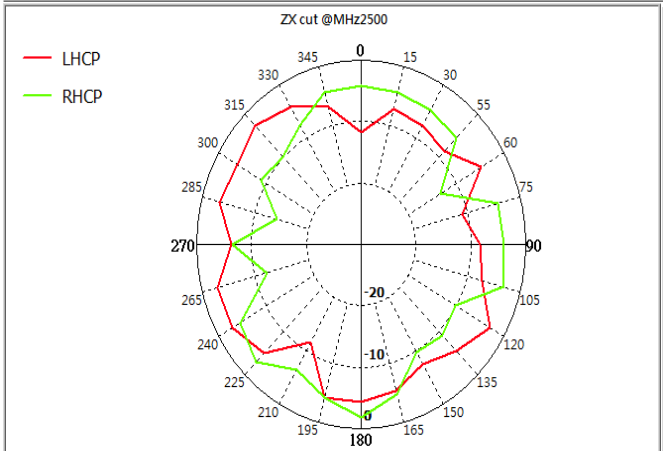
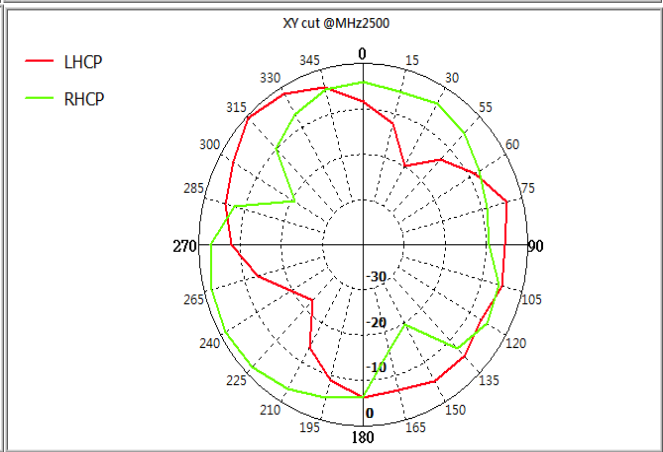
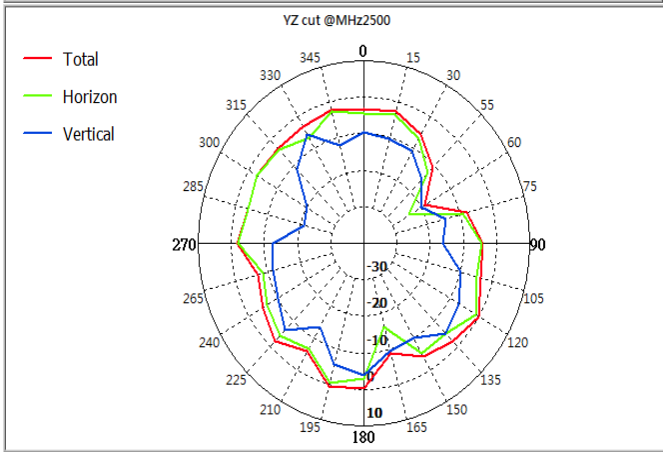
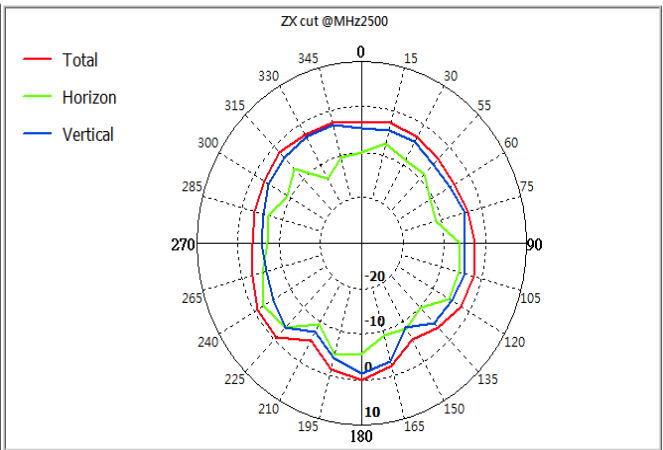
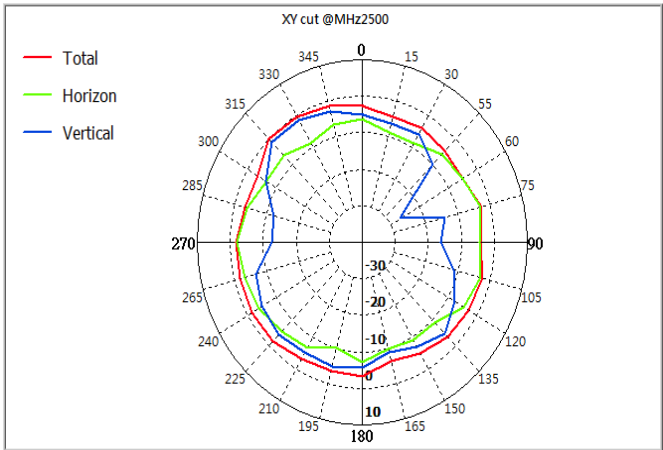
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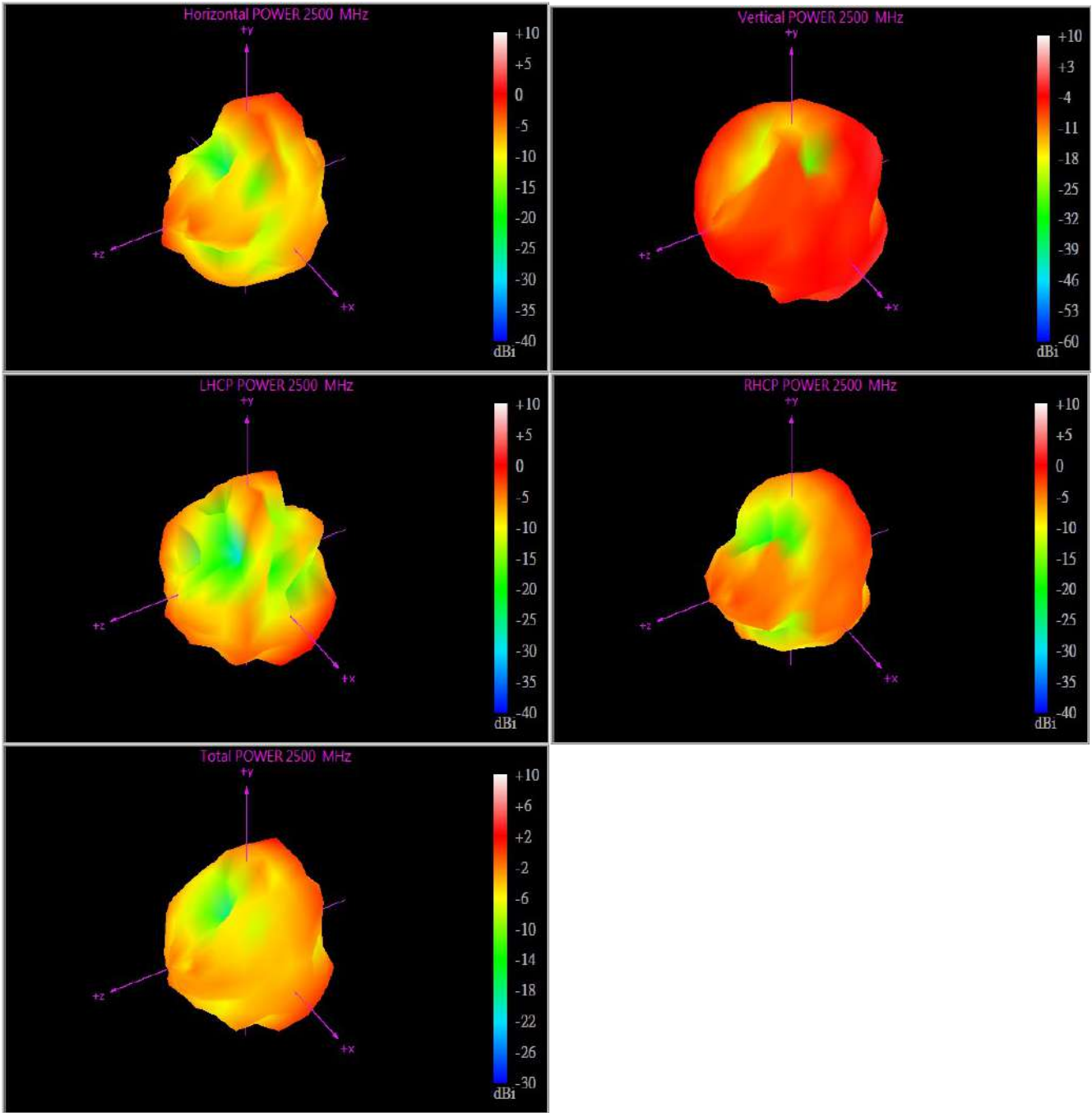




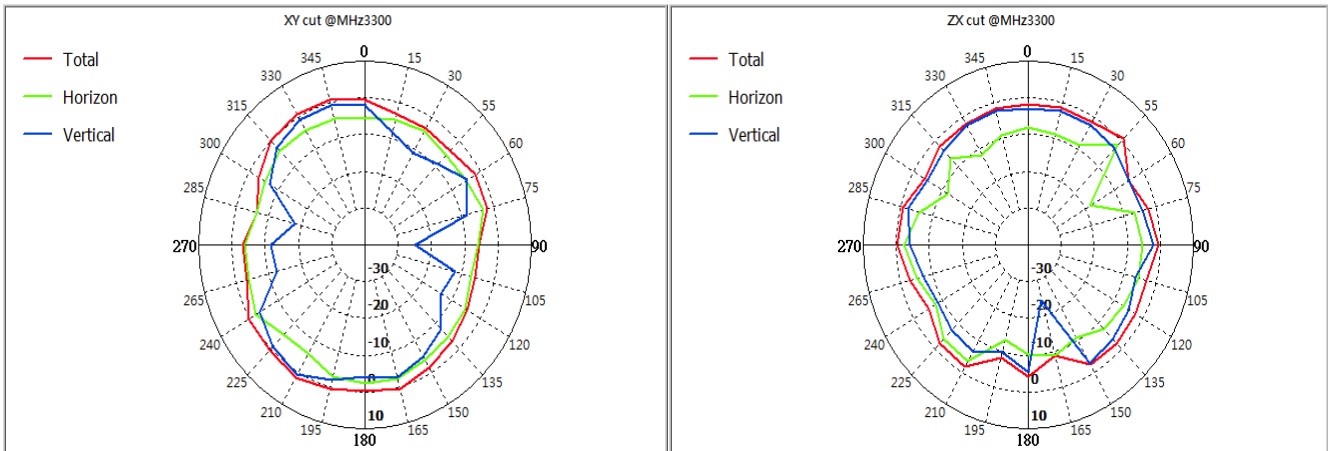


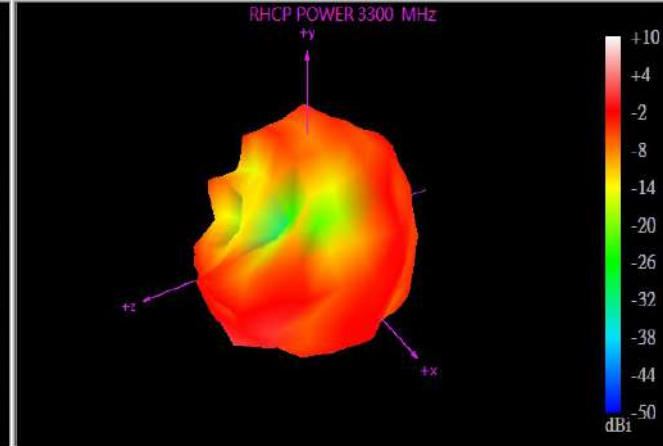
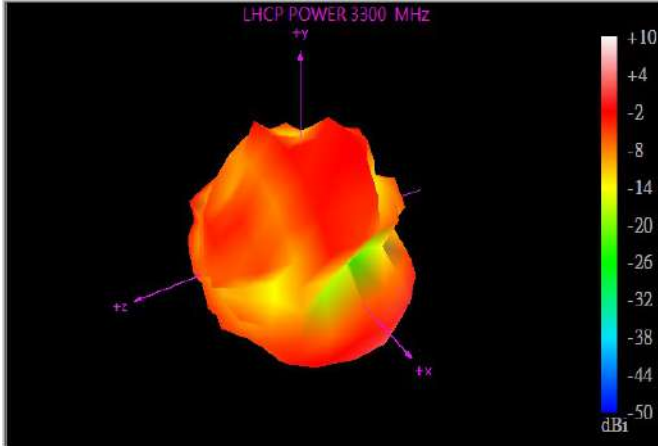
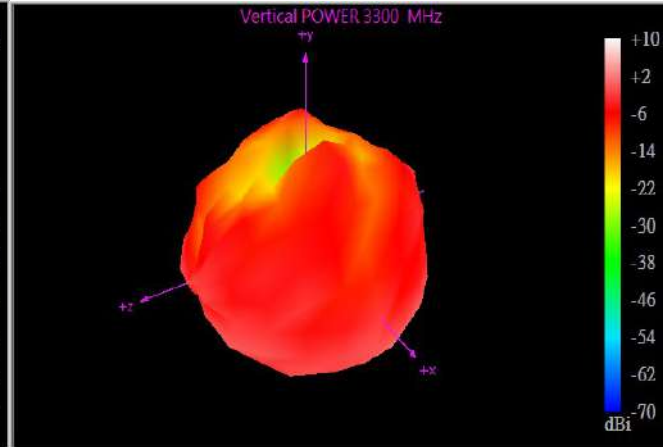
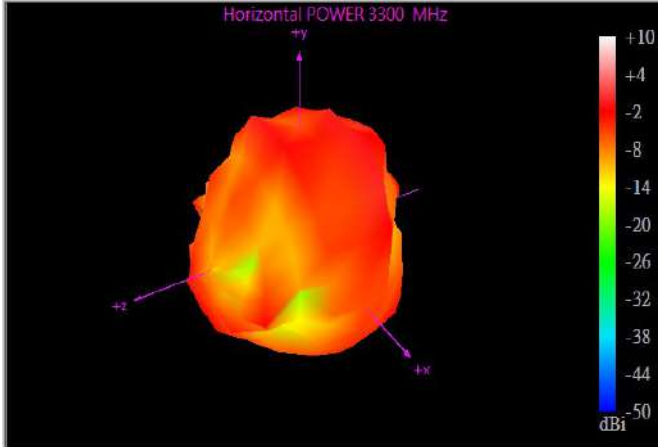
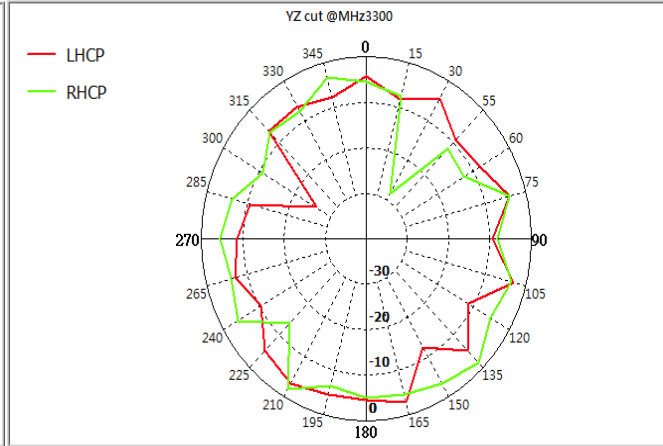
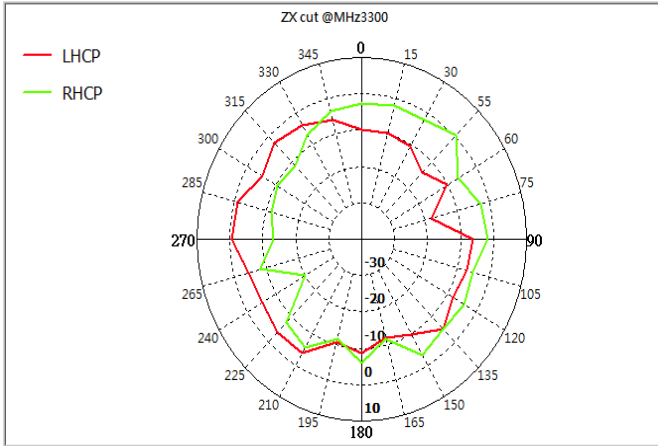
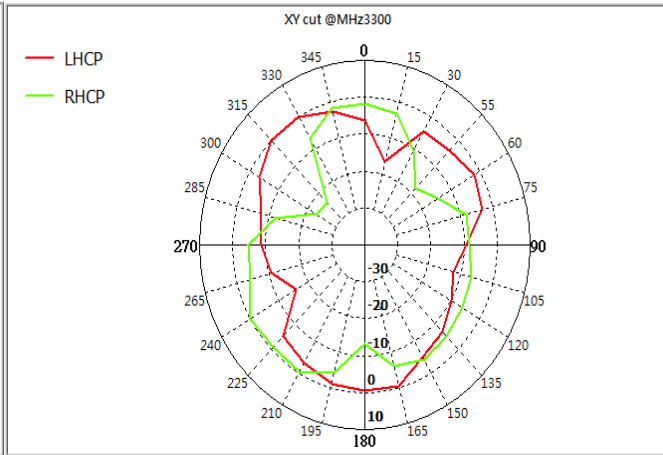
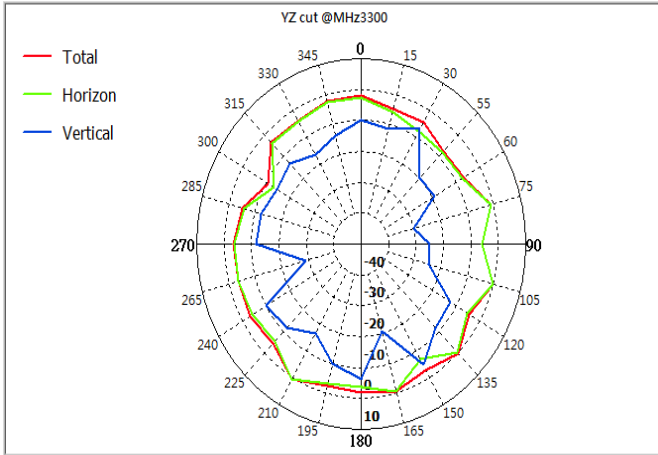
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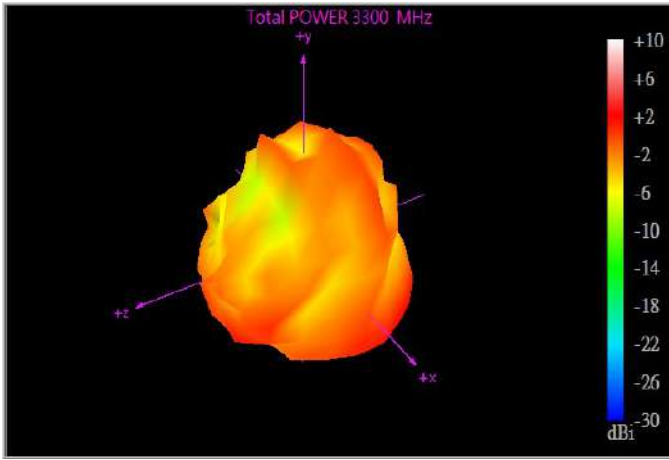




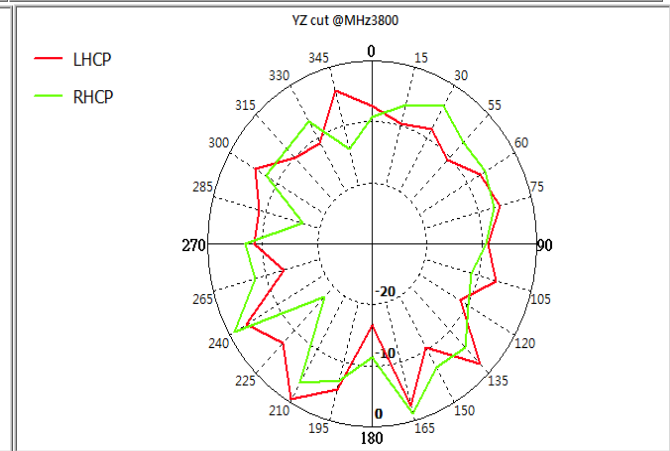
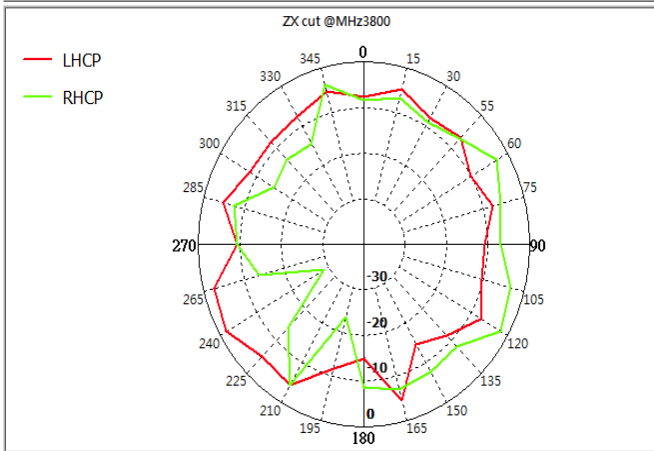
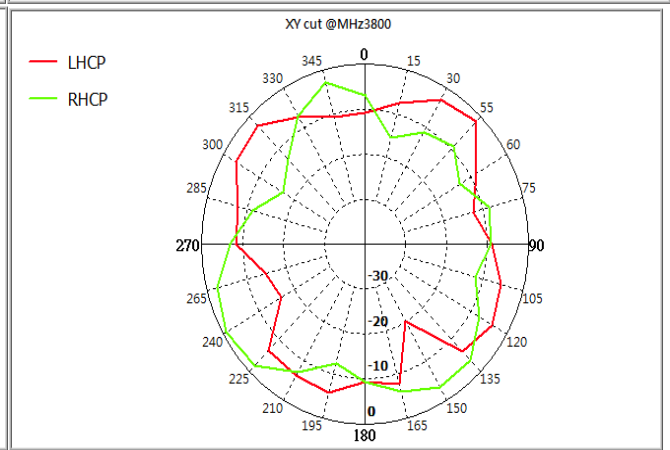
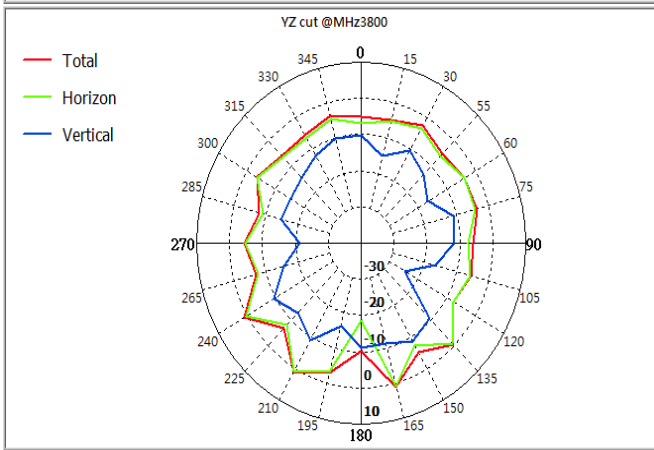
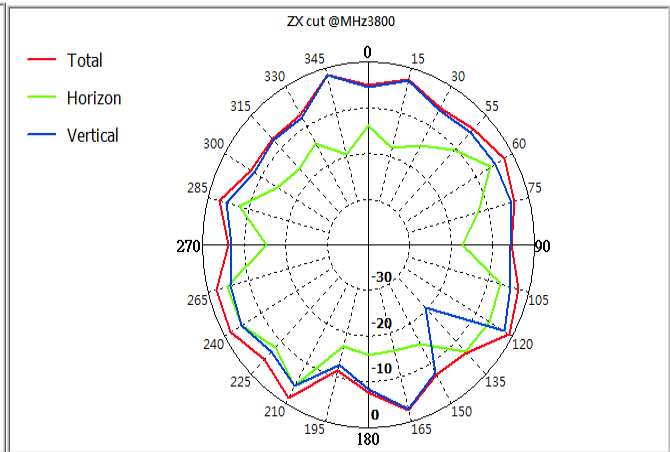
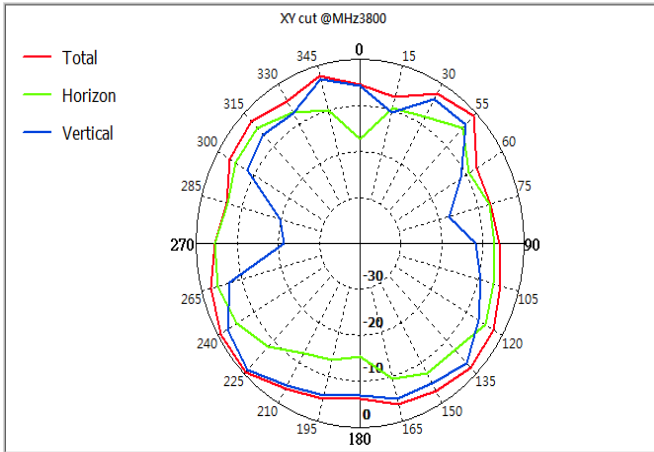
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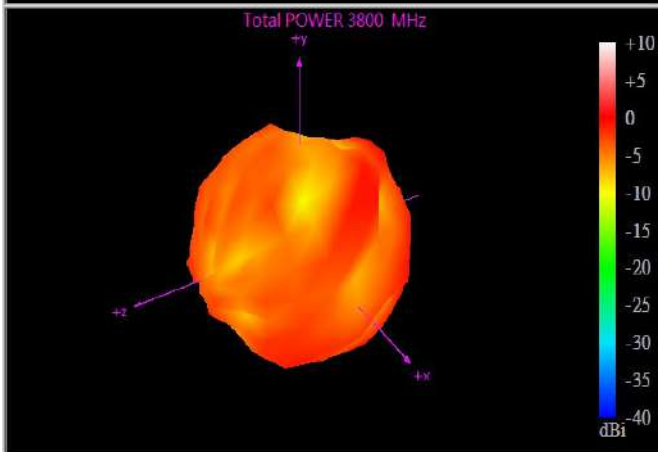
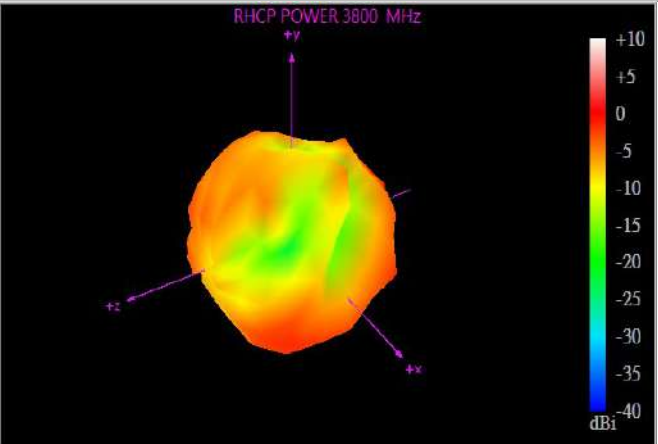
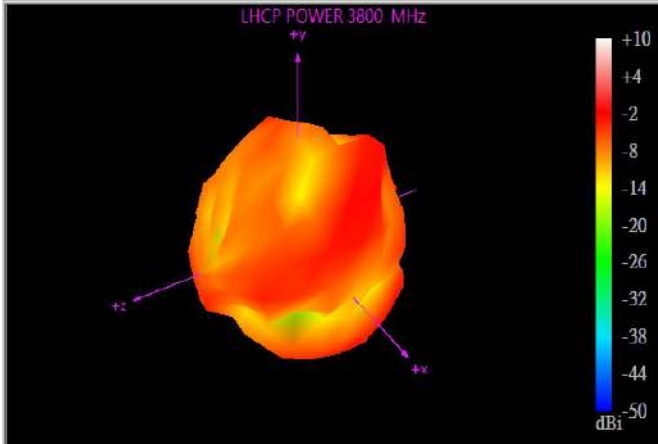
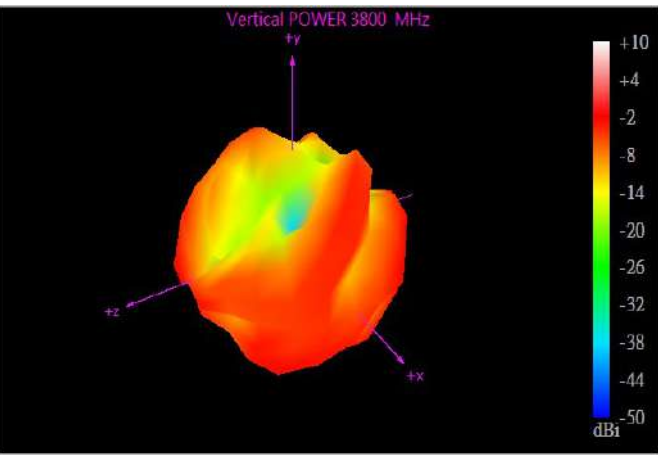
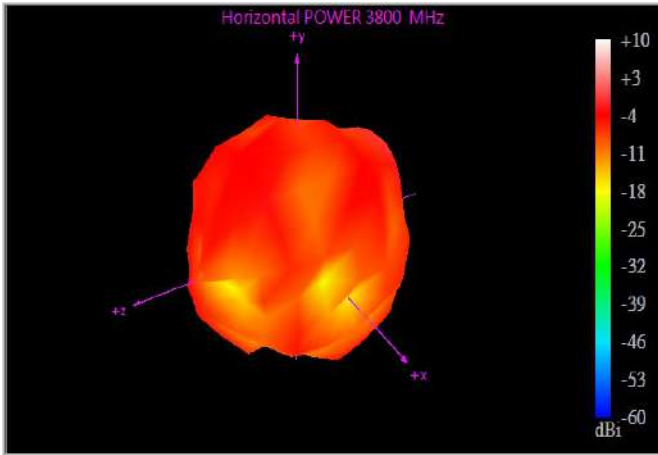




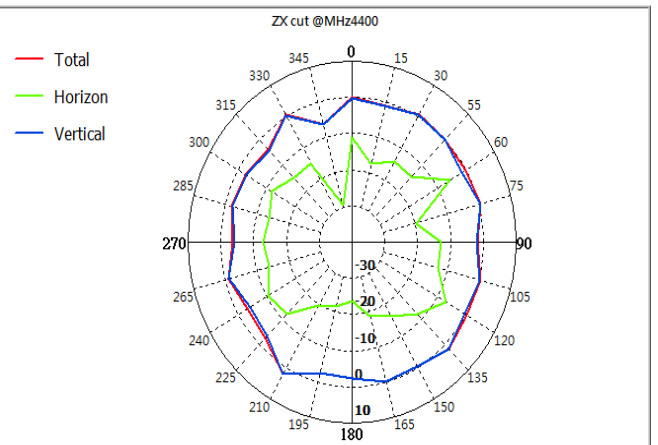
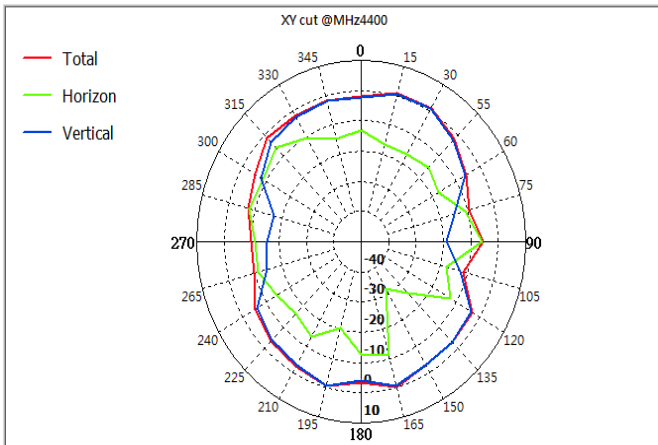


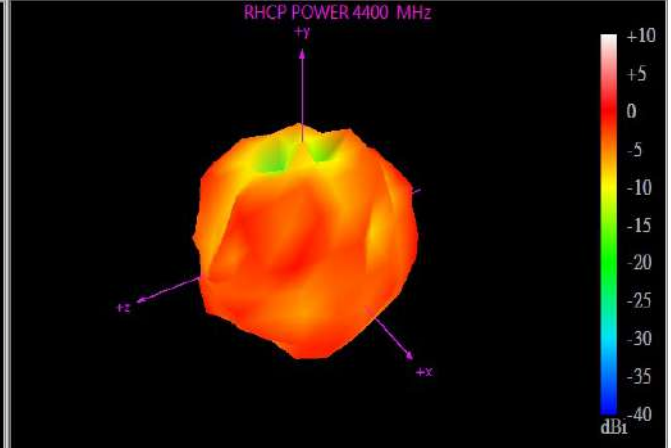
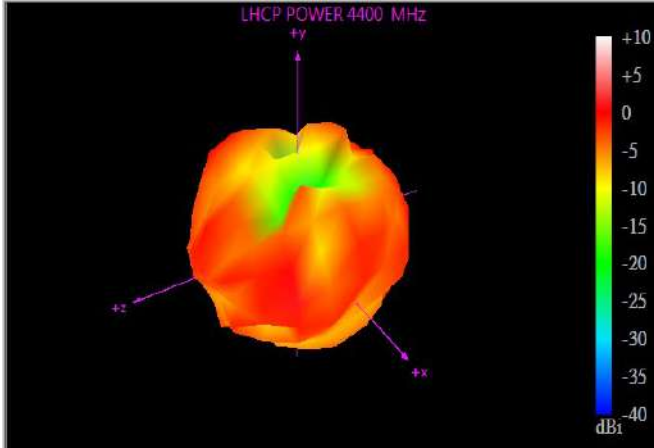
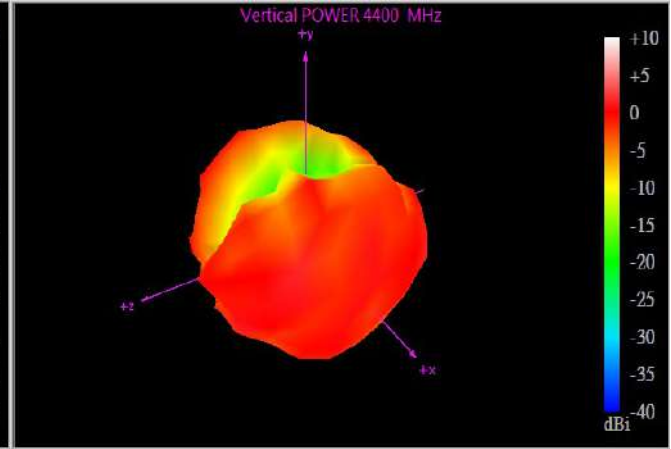
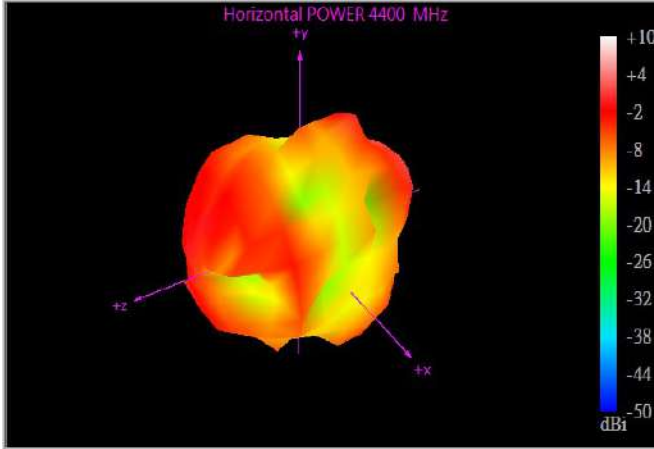
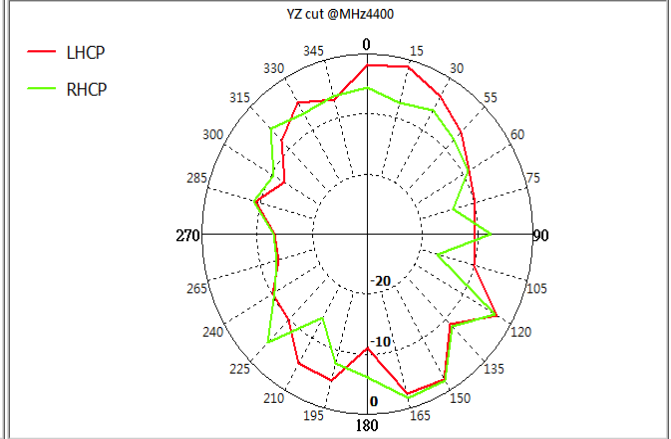
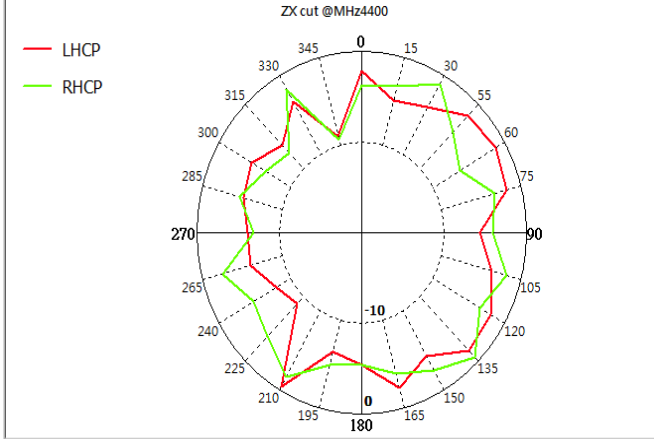
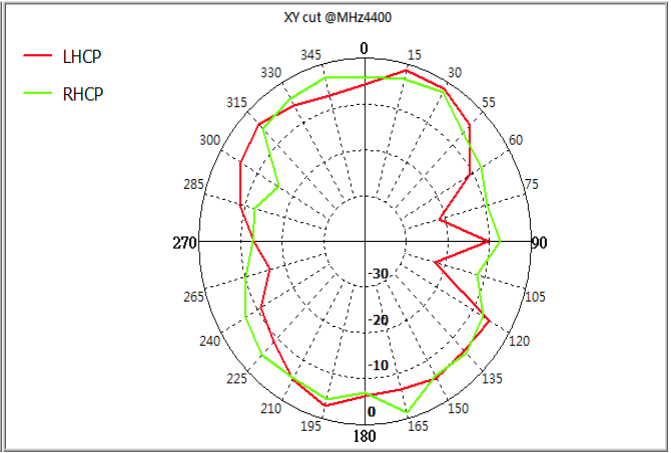
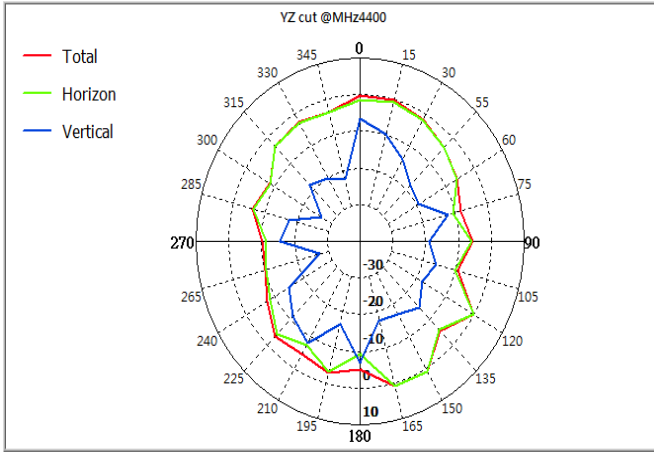
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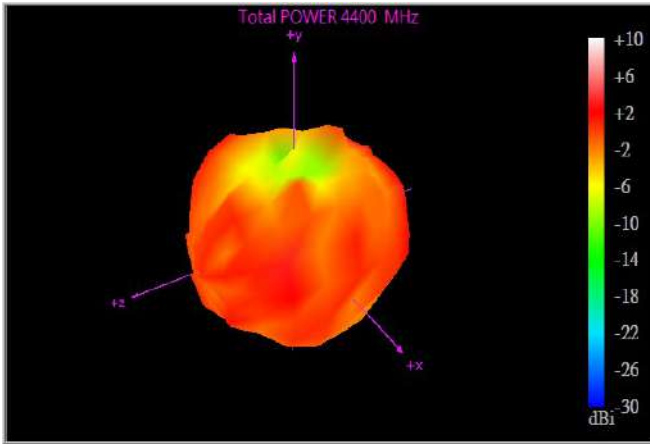




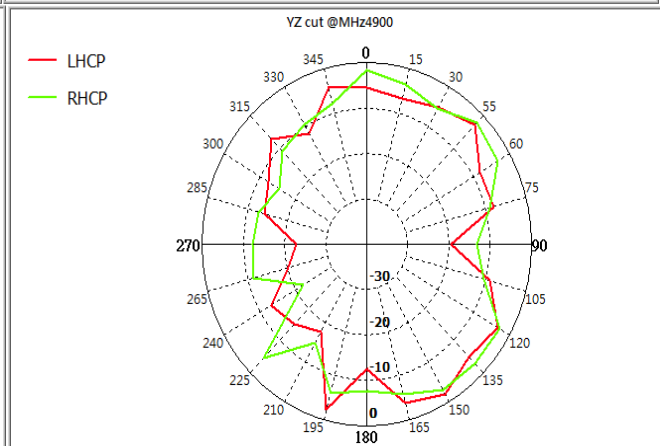
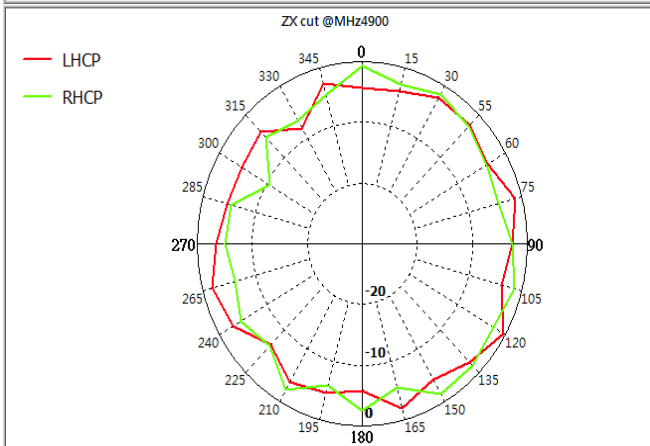
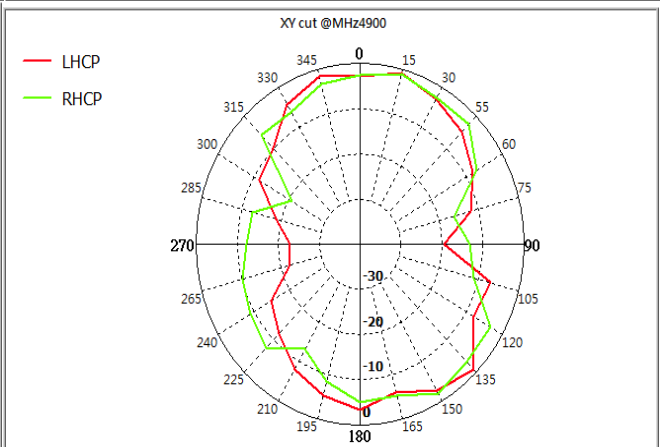
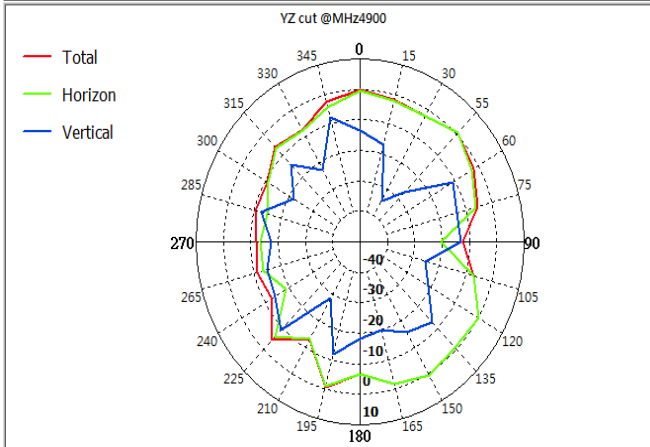
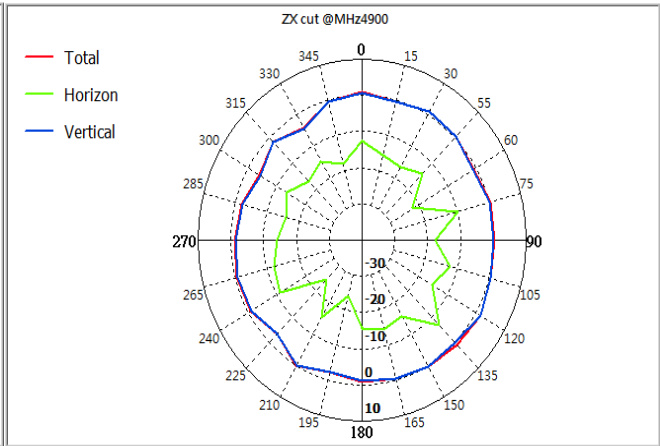
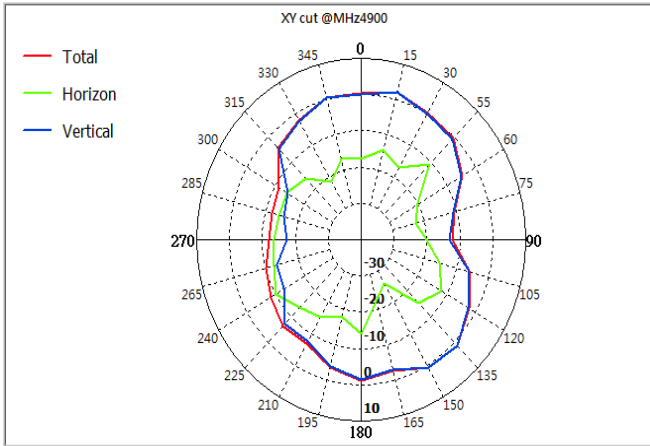
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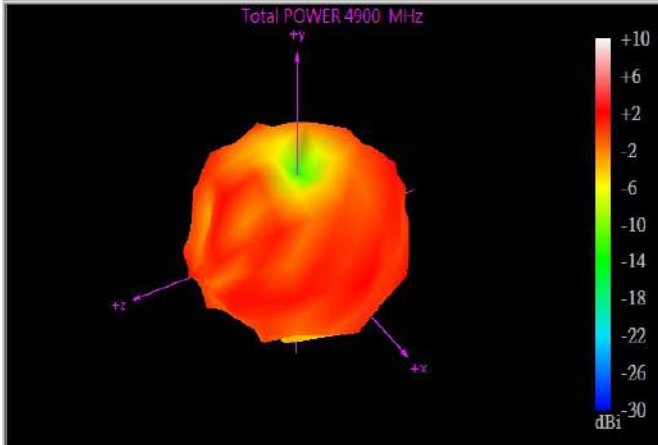
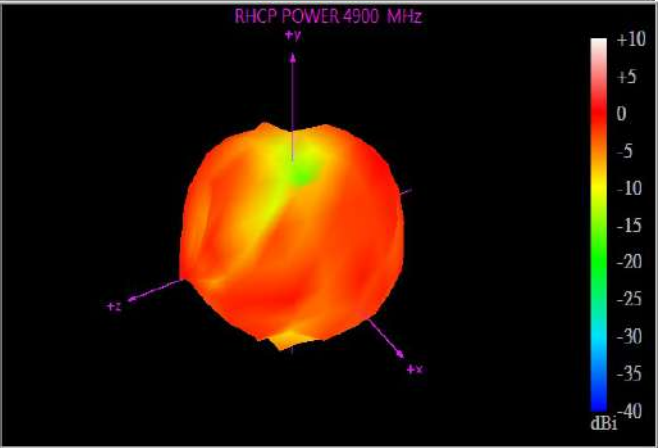
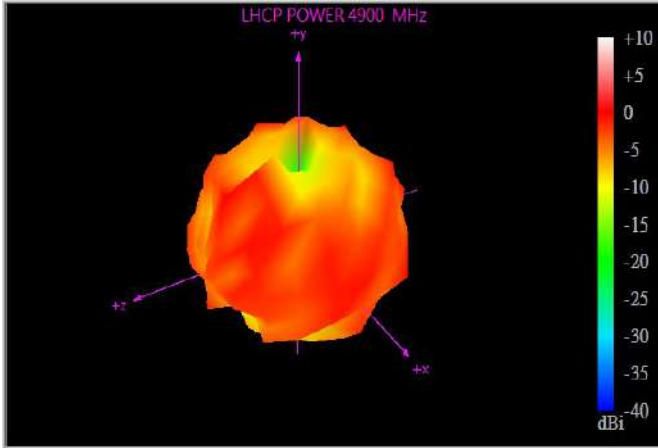
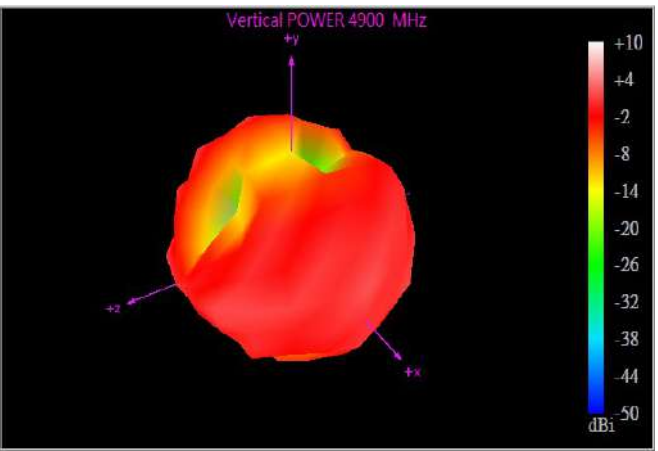
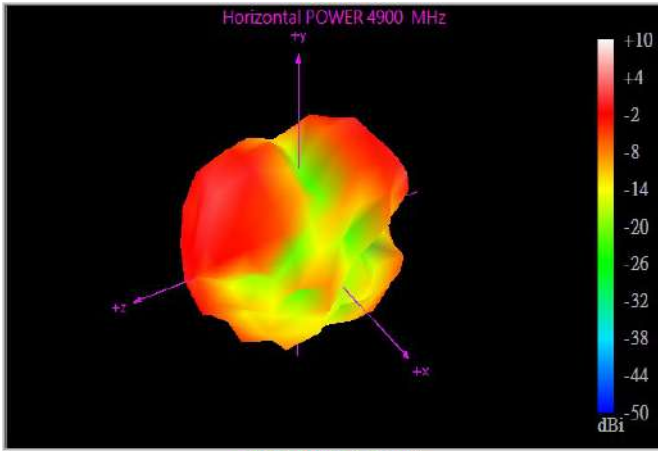




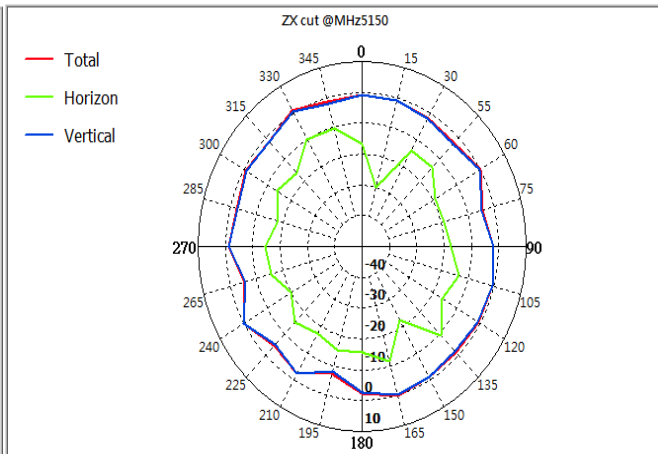
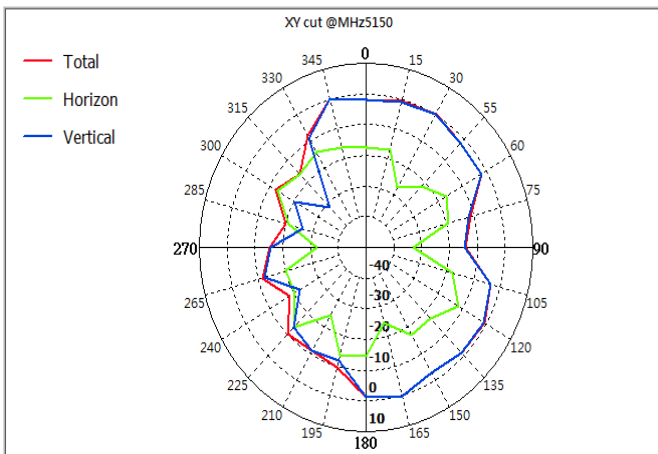


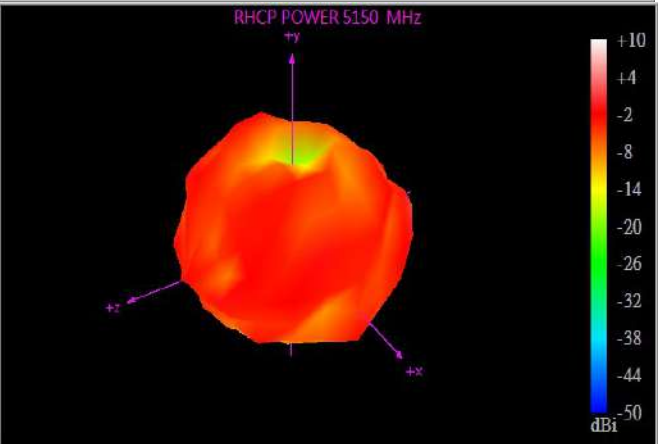
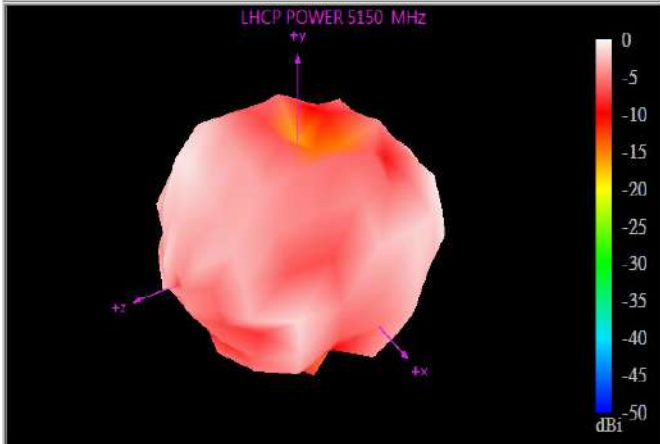
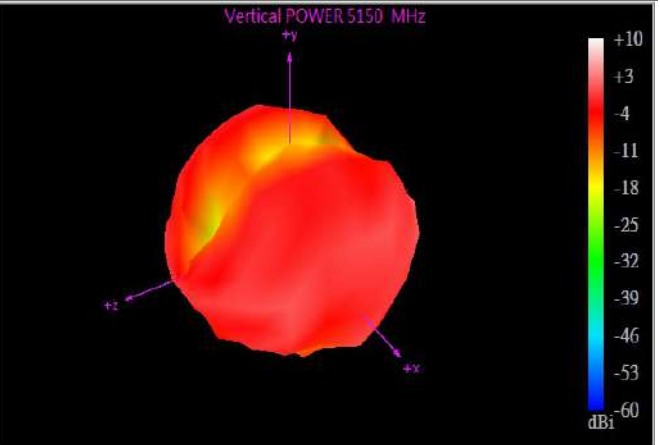
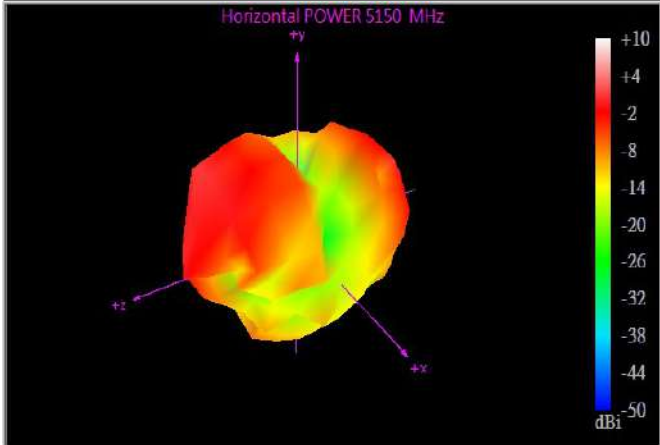
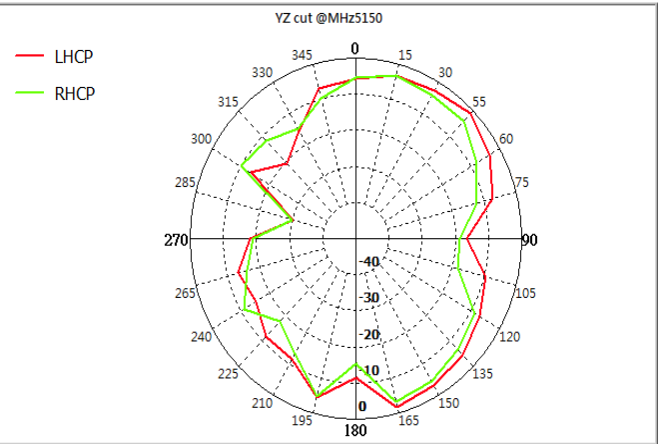
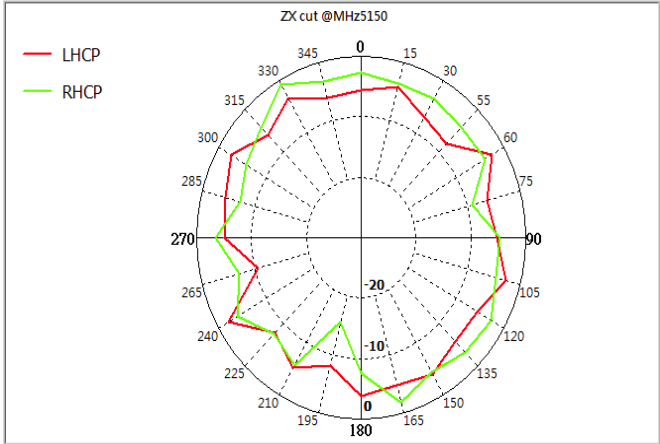
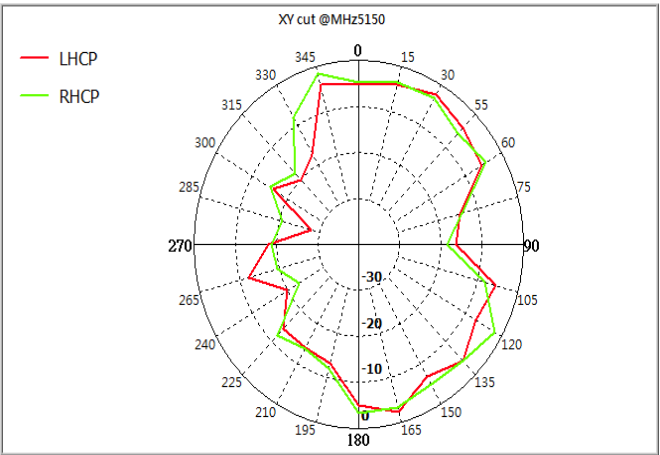
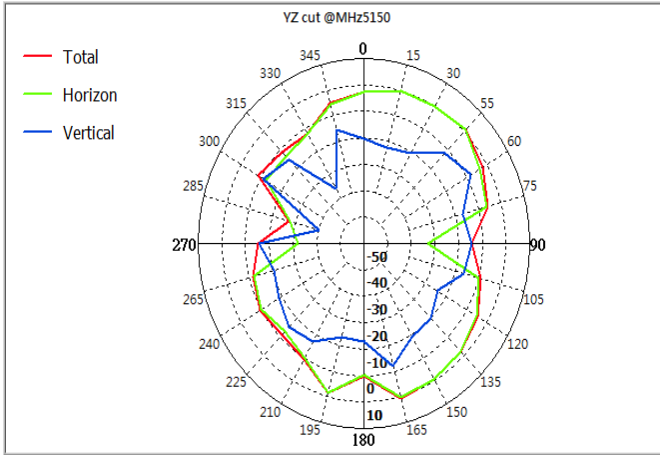
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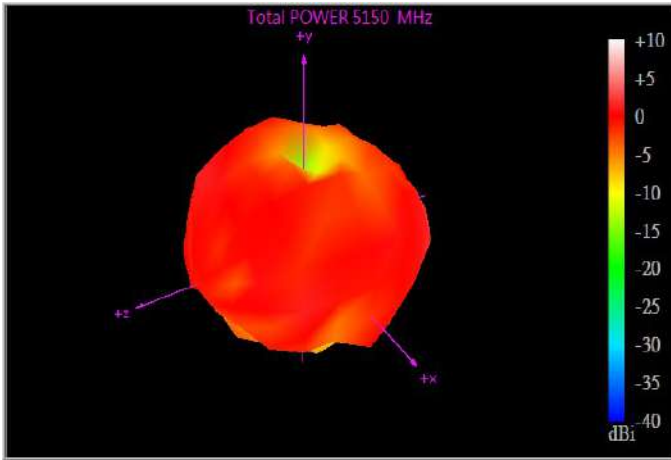




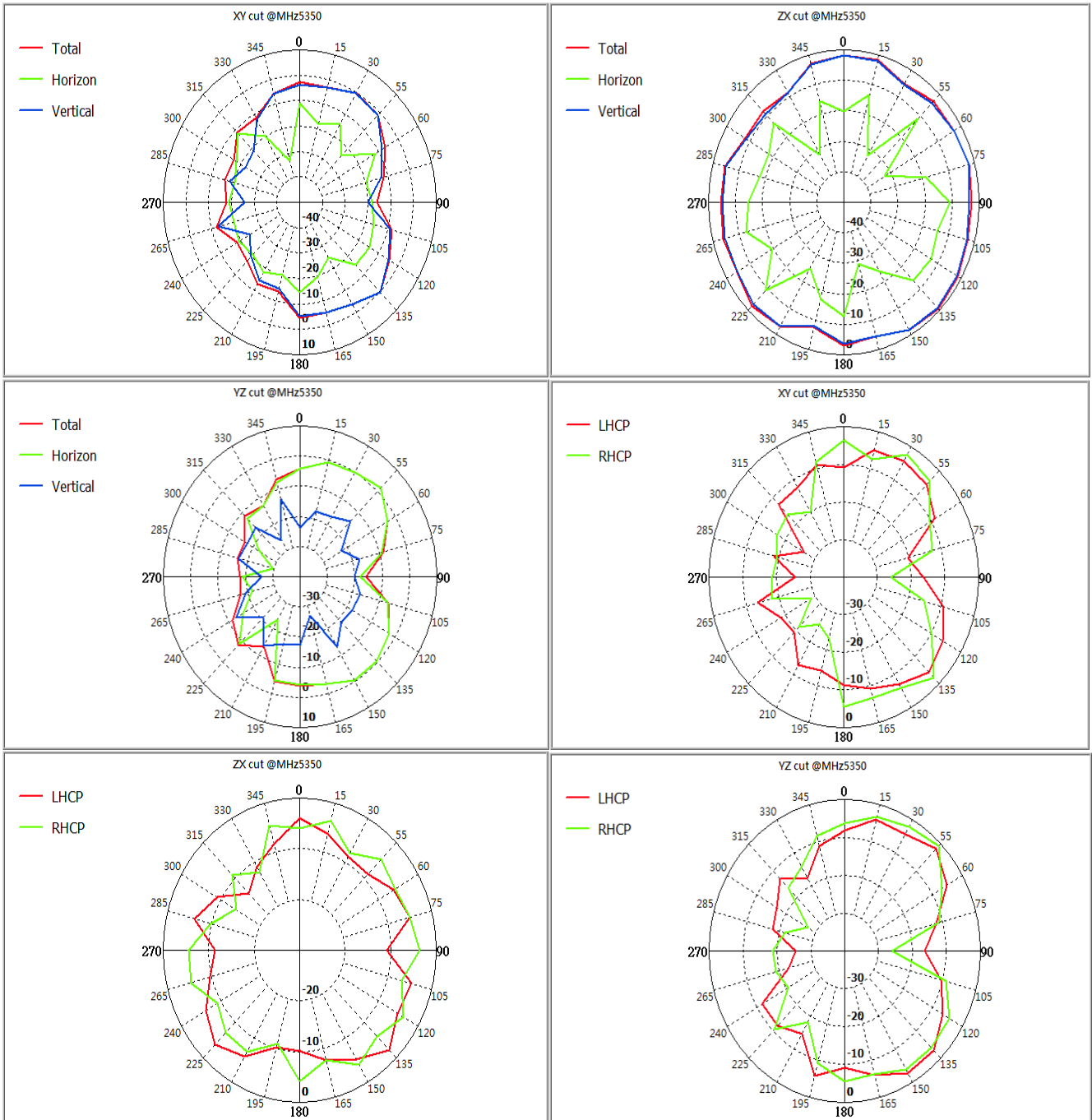
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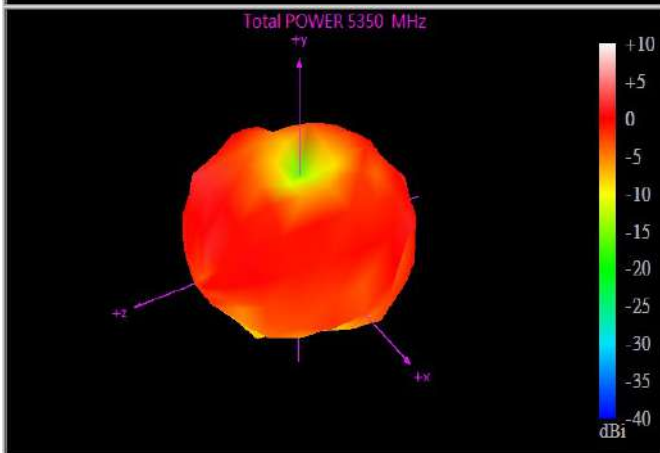
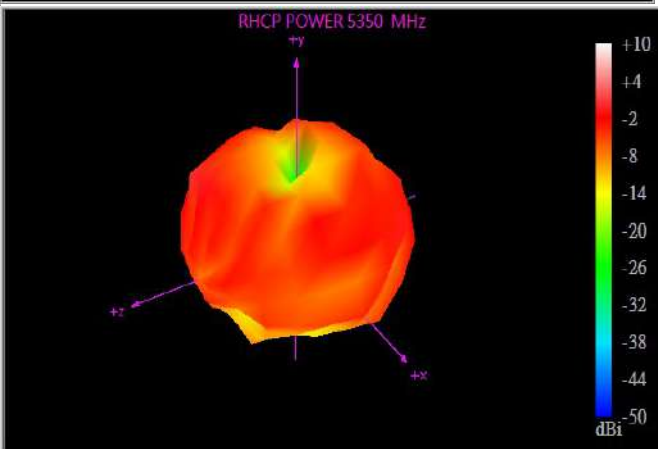
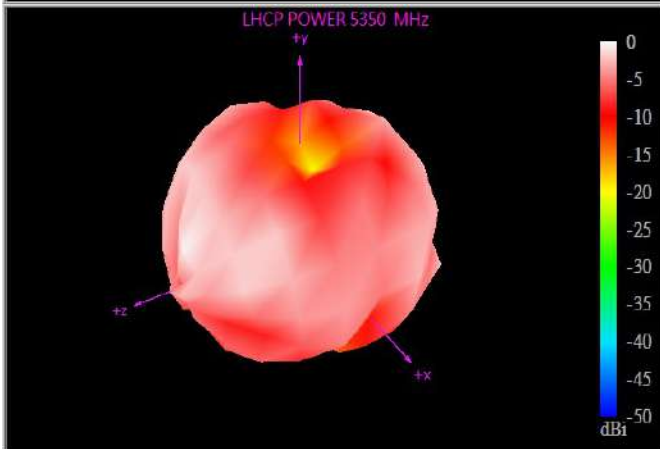
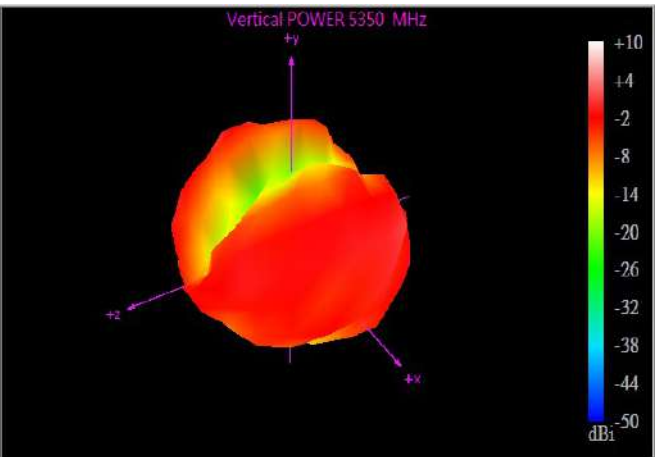
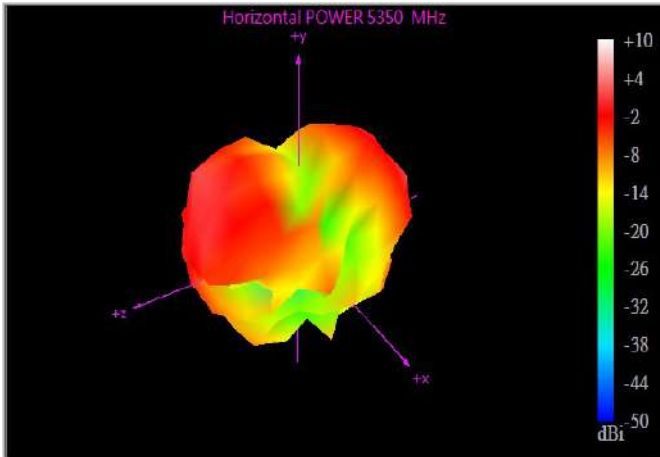




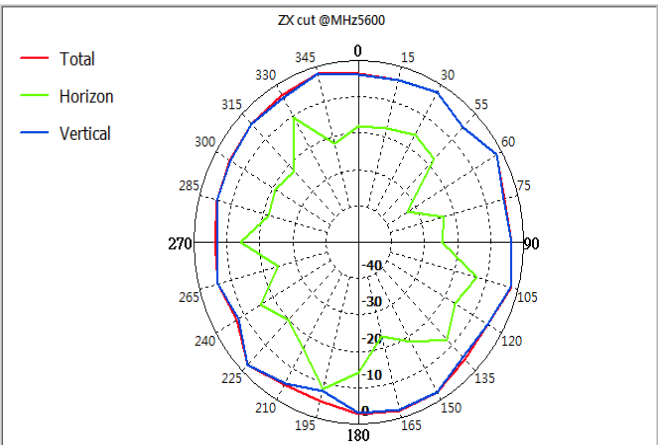
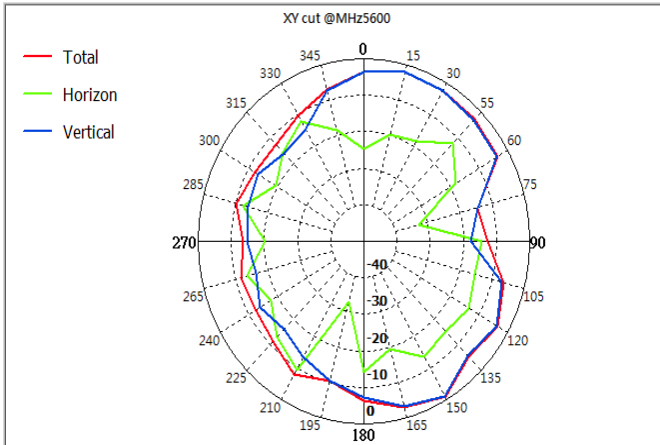


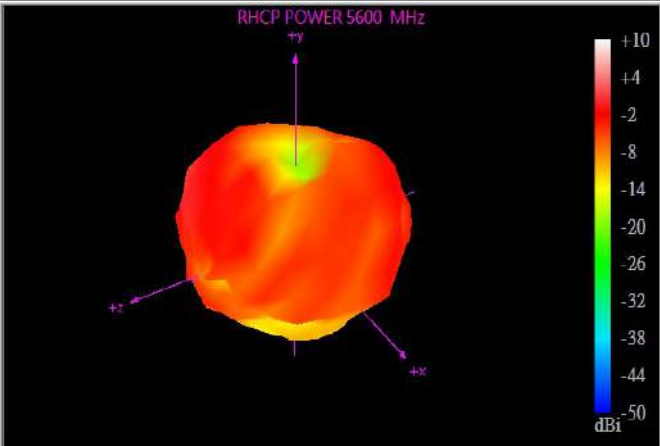
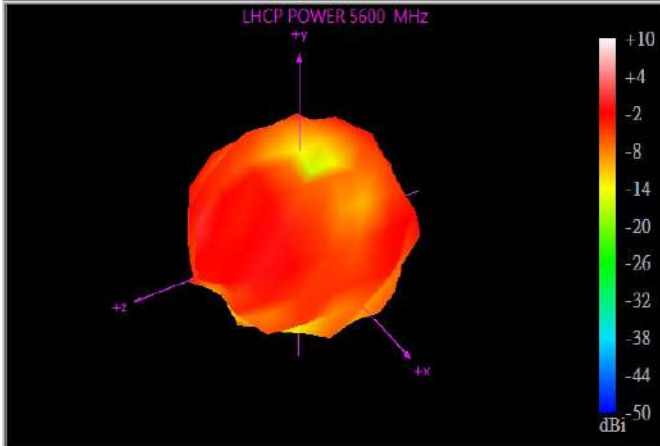
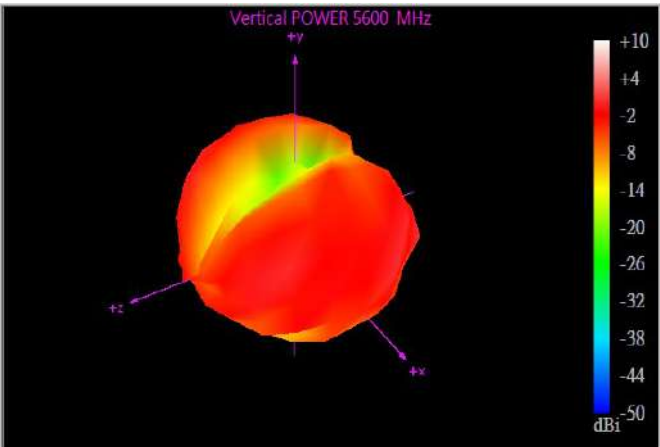
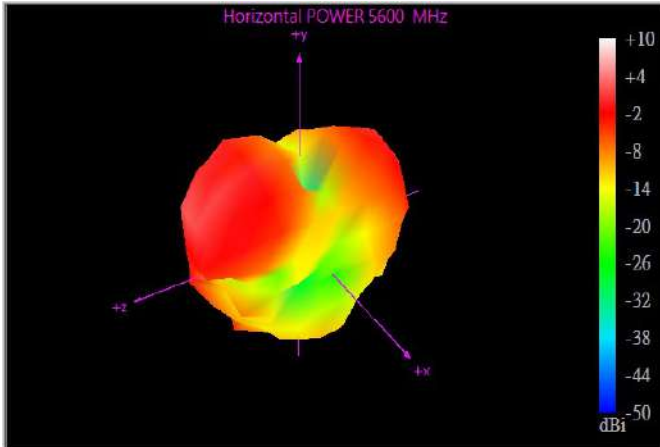
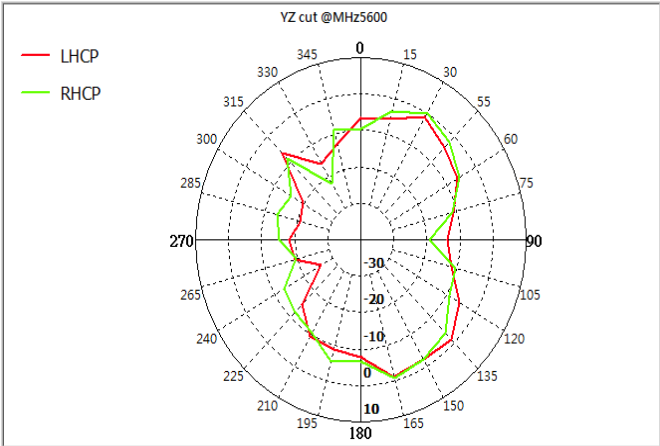
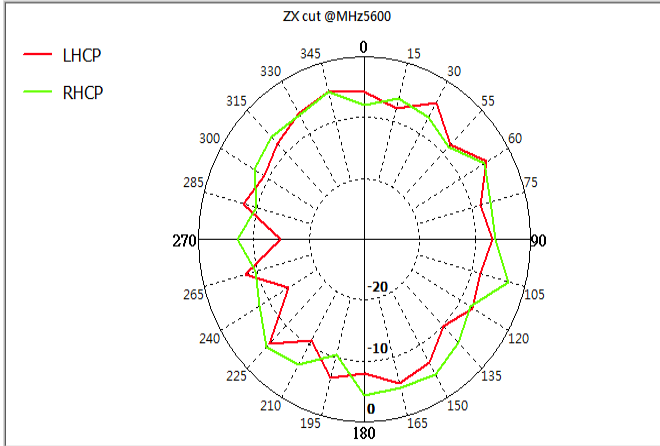
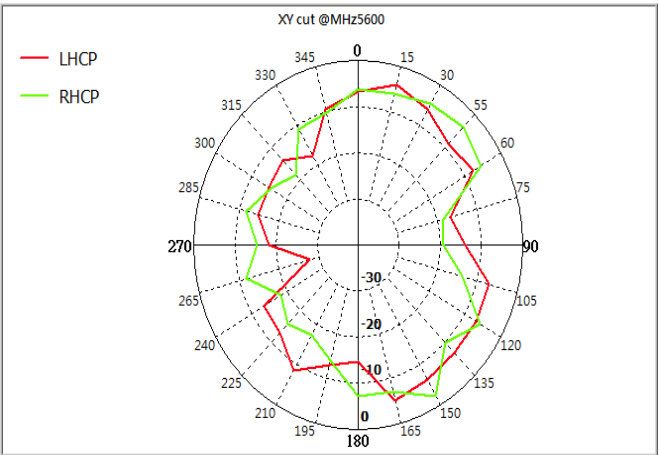
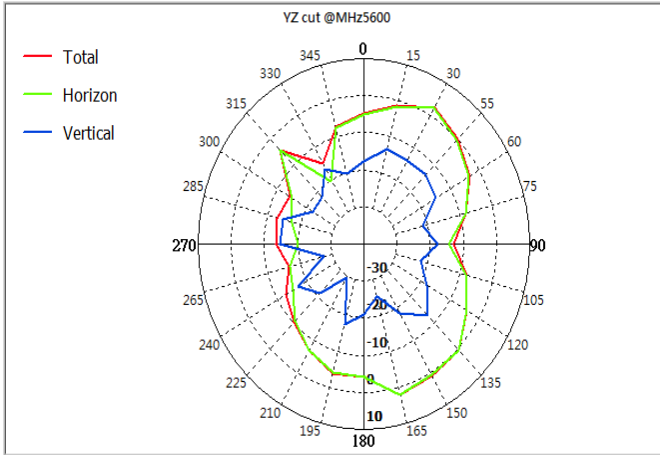
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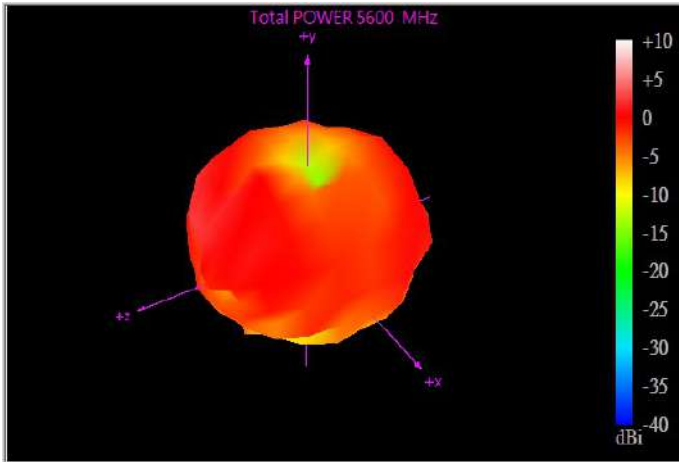




5600Mhz:







5900Mhz:

