

L Band & 2.4G & S Band Antenna

MODEL: TH-1225



1.. GENERAL DESCRIPTION

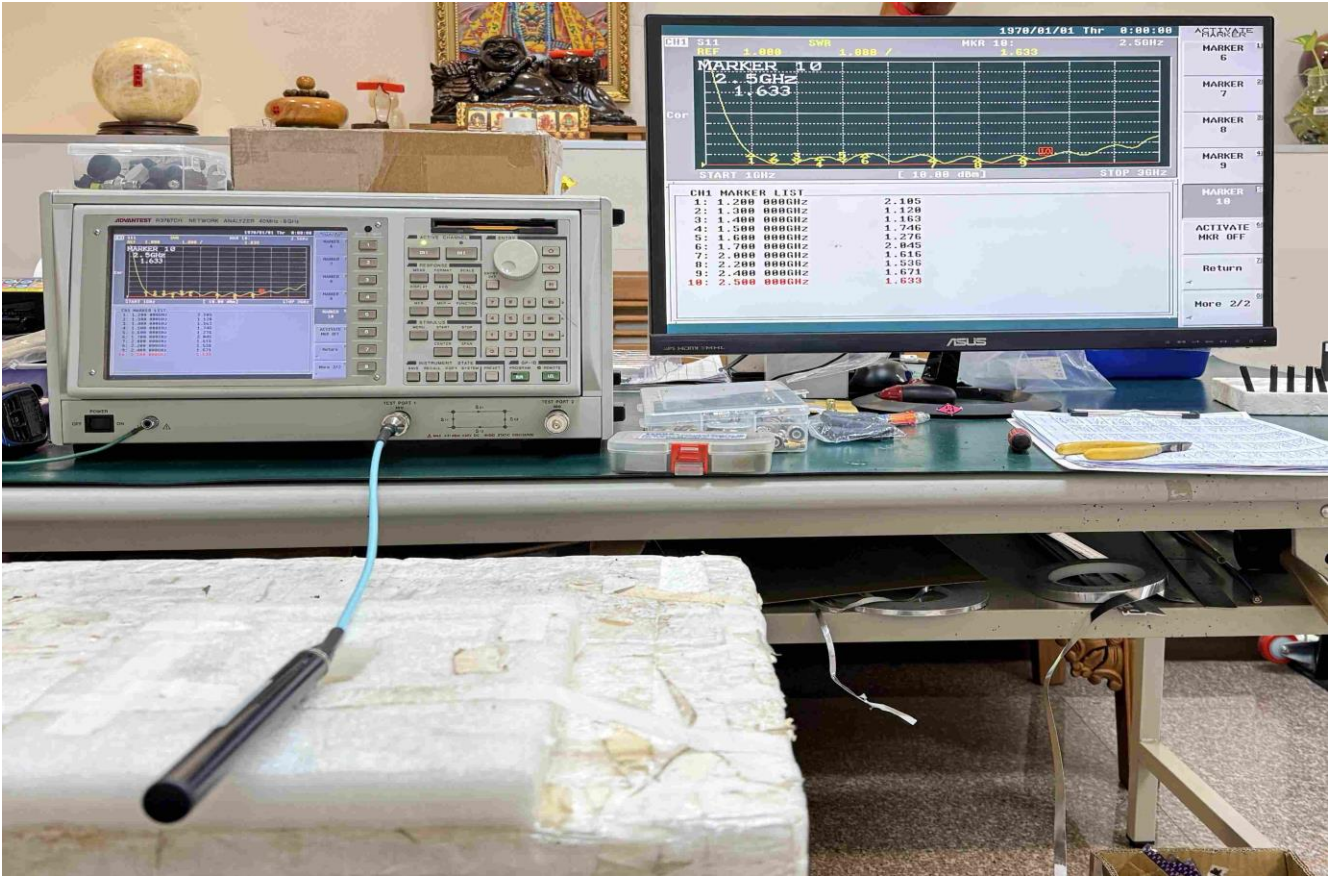
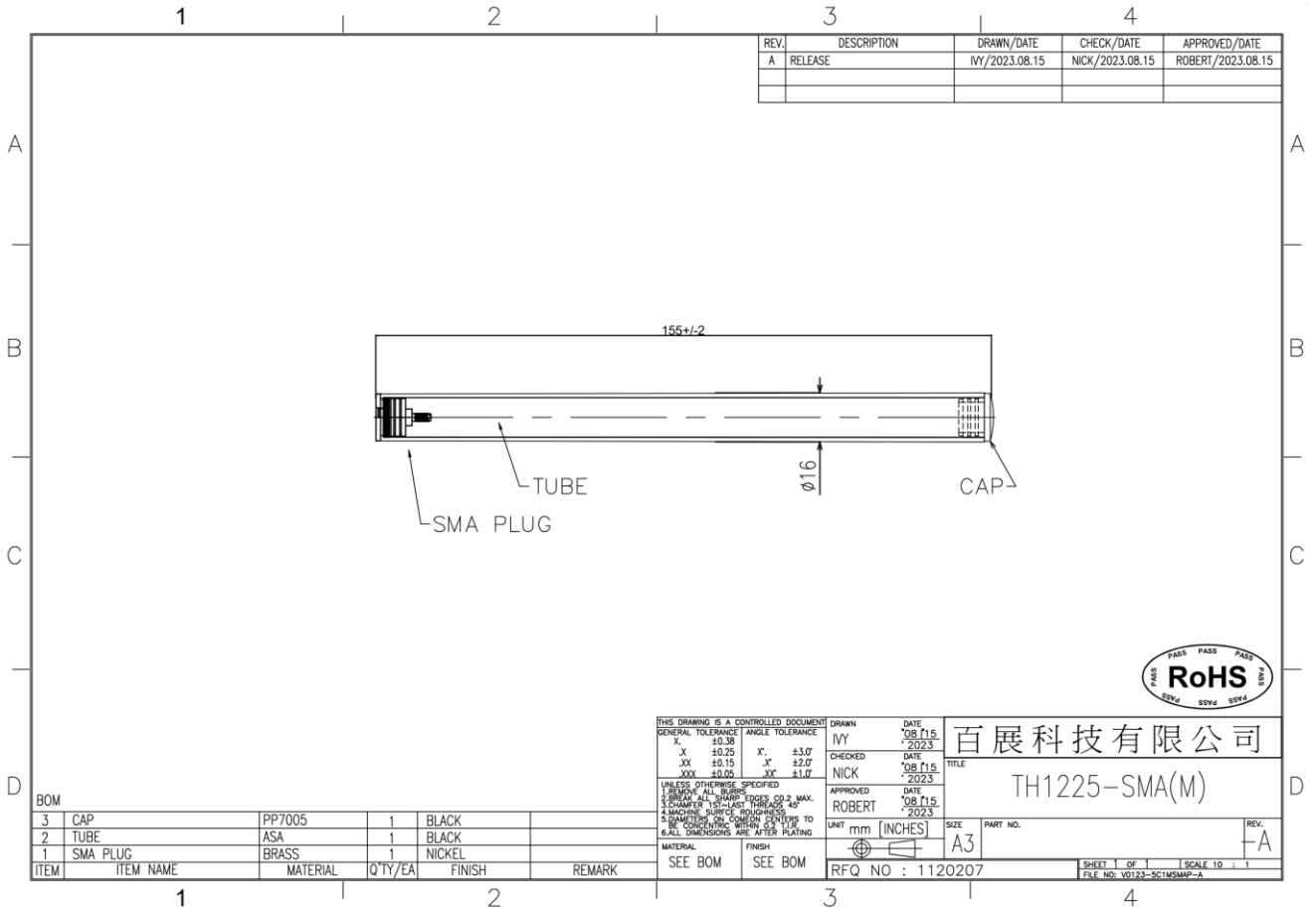
Model No
TH1225-SMA(M)

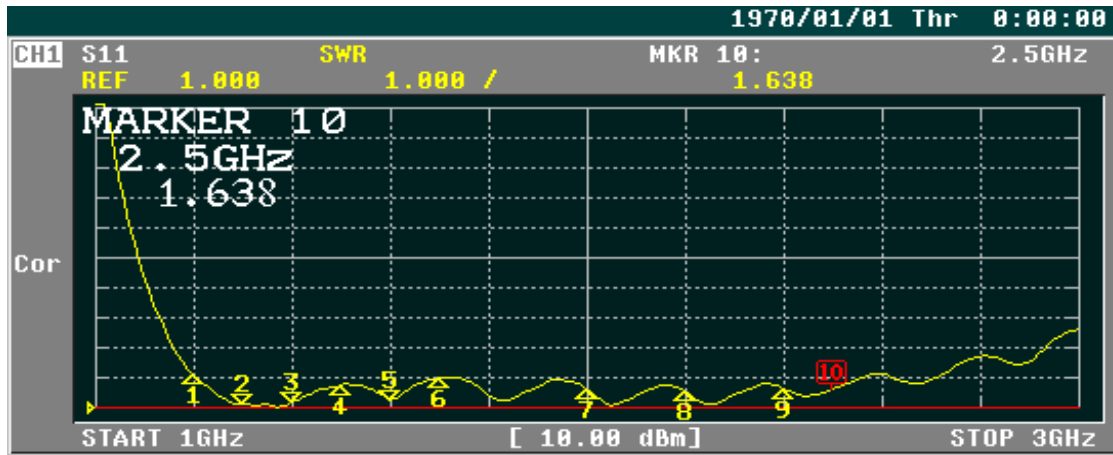
1.1 Electrical Properties

Parameter	Description
Frequency Band	1200~2500Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.5:1
Peak Gain	0~3dbi
Power	20W

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
water proof	IP67





CH1 MARKER LIST

1:	1.200 000GHz	2.109
2:	1.300 000GHz	1.095
3:	1.400 000GHz	1.165
4:	1.500 000GHz	1.760
5:	1.600 000GHz	1.272
6:	1.700 000GHz	1.985
7:	2.000 000GHz	1.610
8:	2.200 000GHz	1.554
9:	2.400 000GHz	1.648
10:	2.500 000GHz	1.638

ACTIVATE MARKER

MARKER 6

MARKER 7

MARKER 8

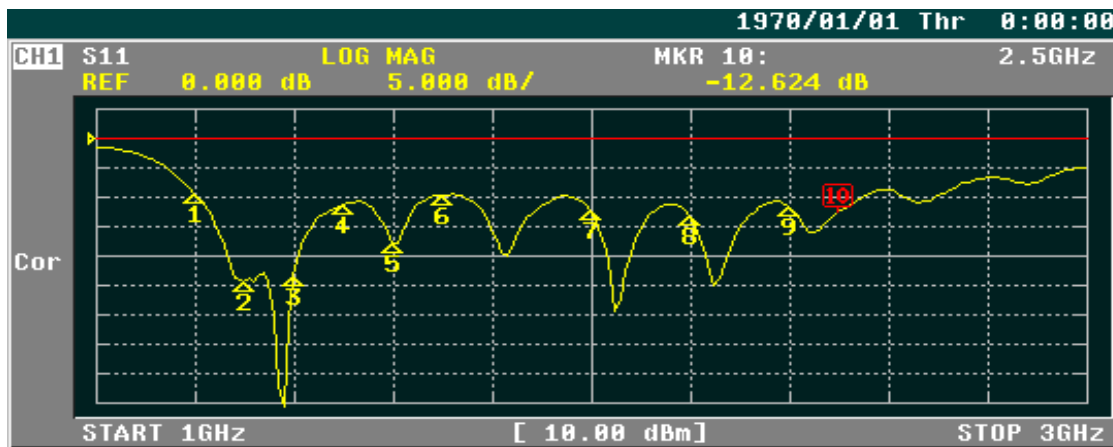
MARKER 9

MARKER 10

ACTIVATE MKR OFF

Return

More 2/2



CH1 MARKER LIST

1:	1.200 000GHz	-9.323 dB
2:	1.300 000GHz	-24.370 dB
3:	1.400 000GHz	-23.483 dB
4:	1.500 000GHz	-11.243 dB
5:	1.600 000GHz	-17.785 dB
6:	1.700 000GHz	-9.599 dB
7:	2.000 000GHz	-12.384 dB
8:	2.200 000GHz	-13.302 dB
9:	2.400 000GHz	-11.748 dB
10:	2.500 000GHz	-12.624 dB

FORMAT

LOG MAG

PHASE

DELAY

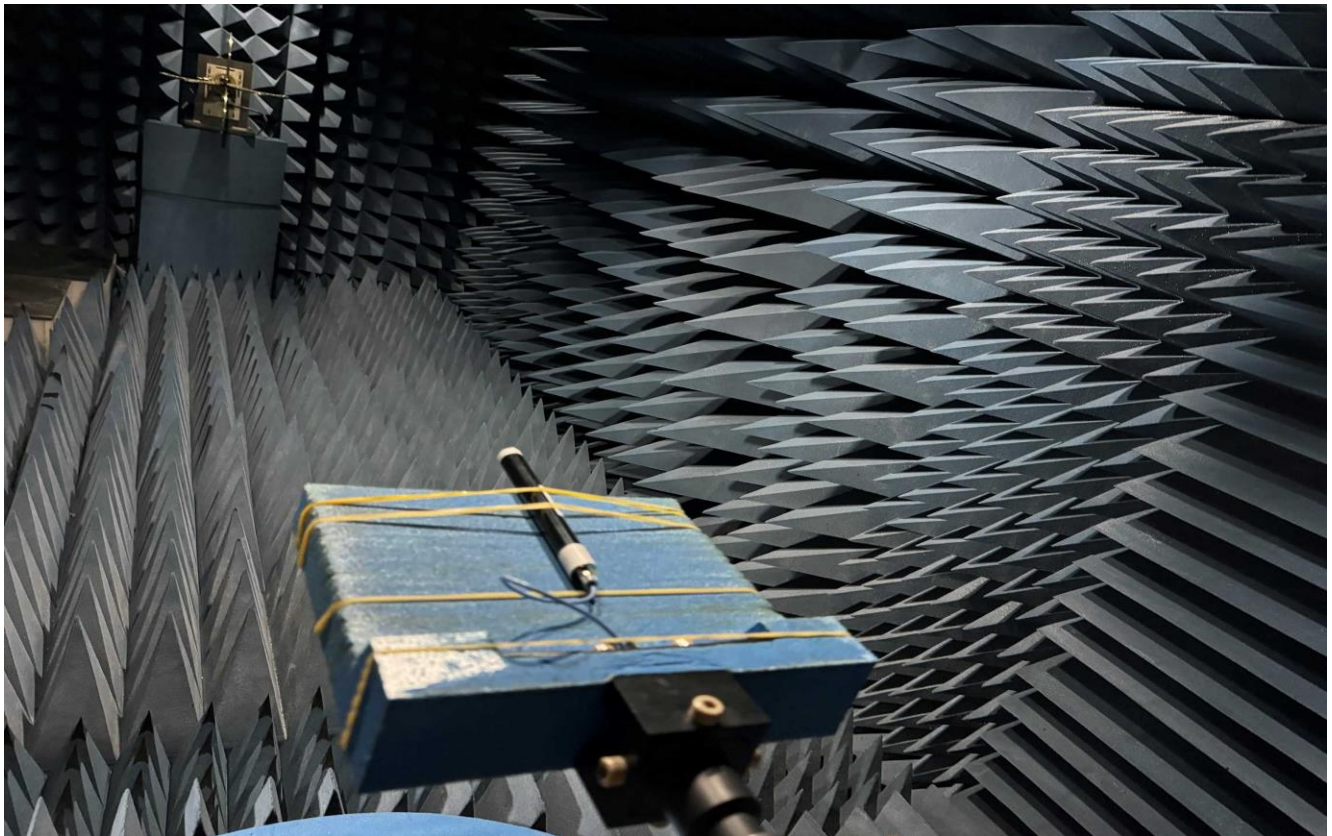
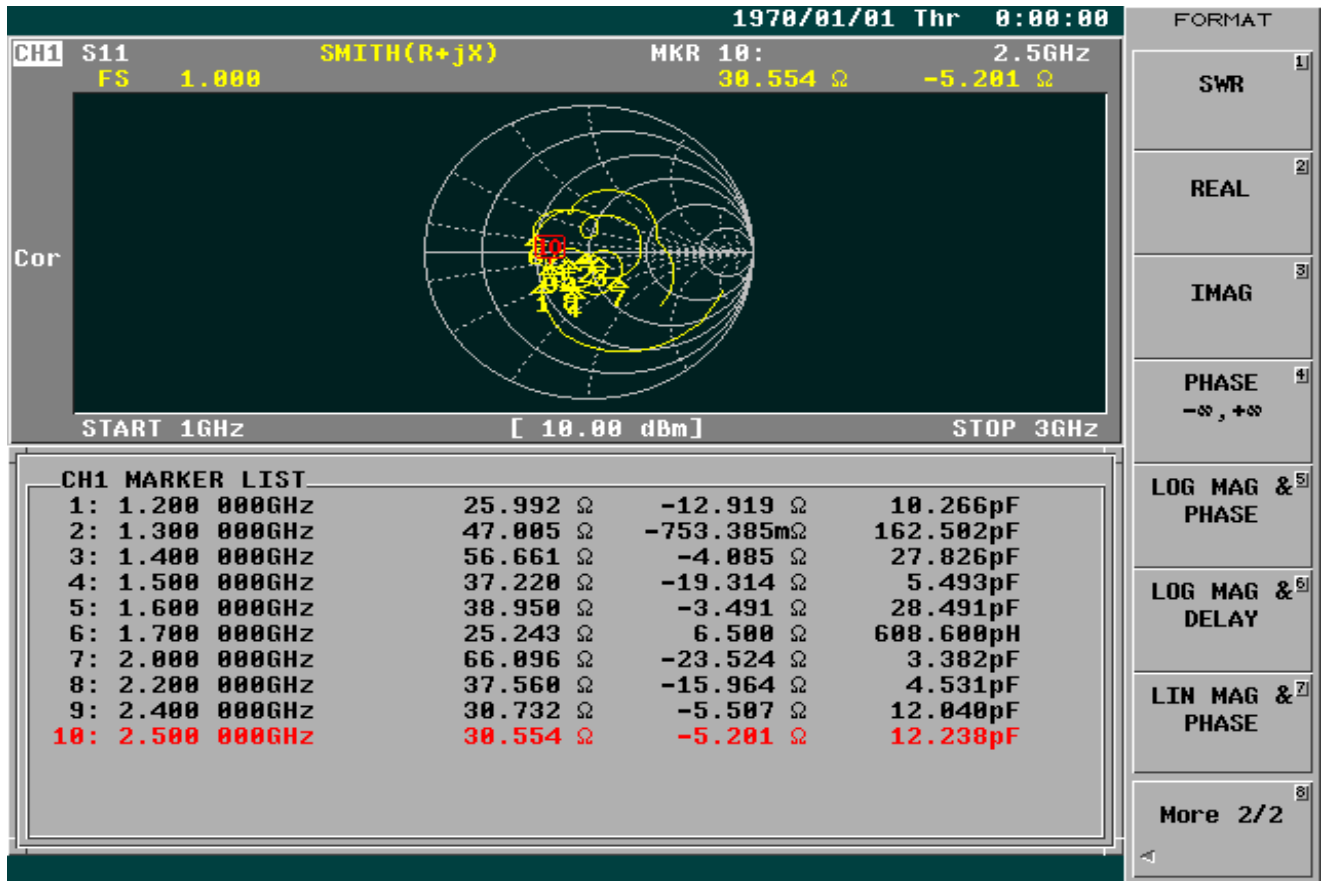
SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

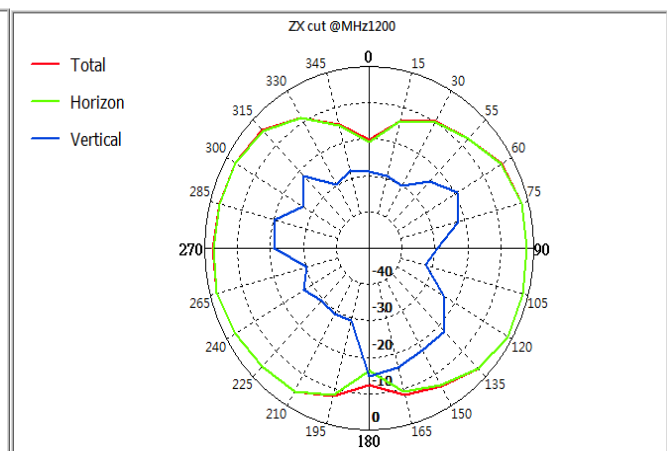
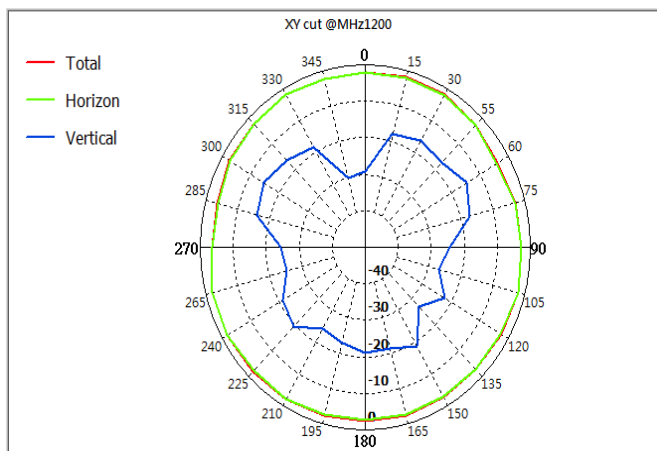
More 1/2

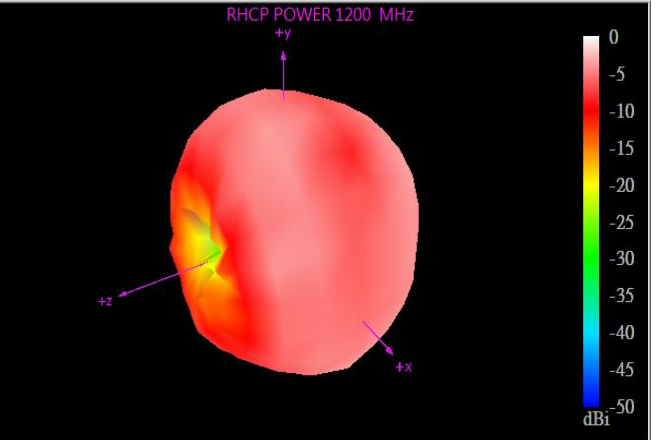
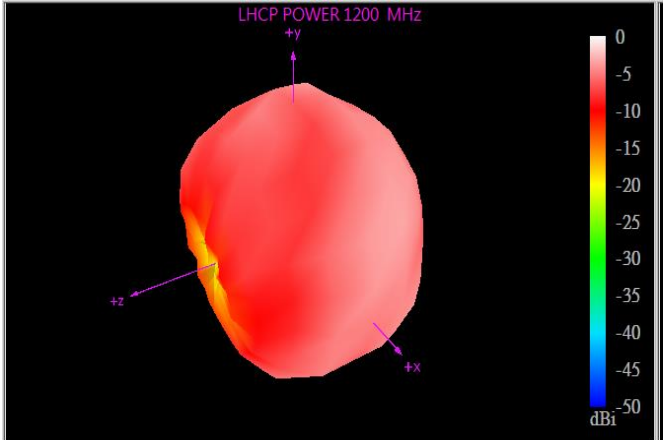
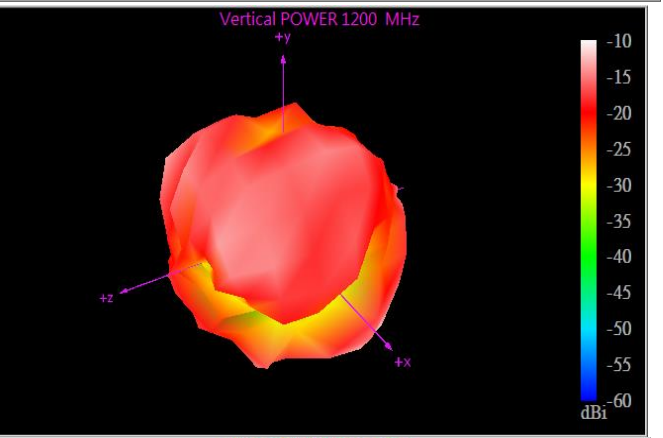
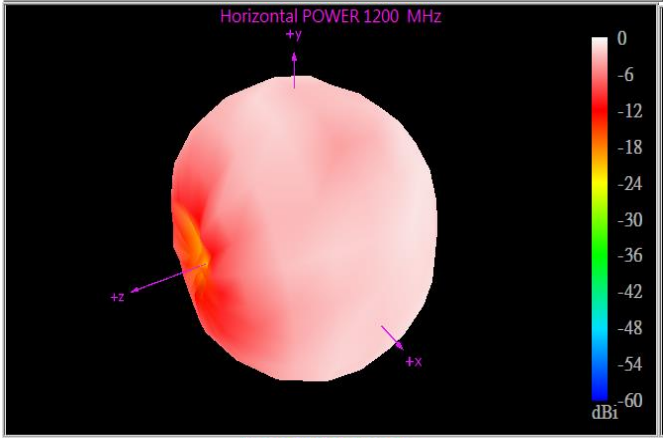
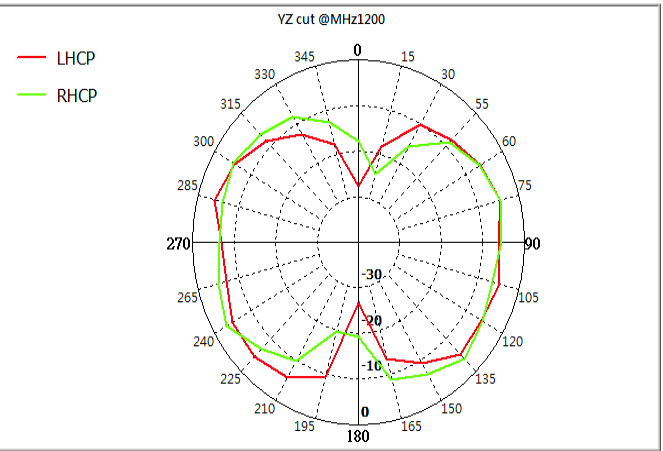
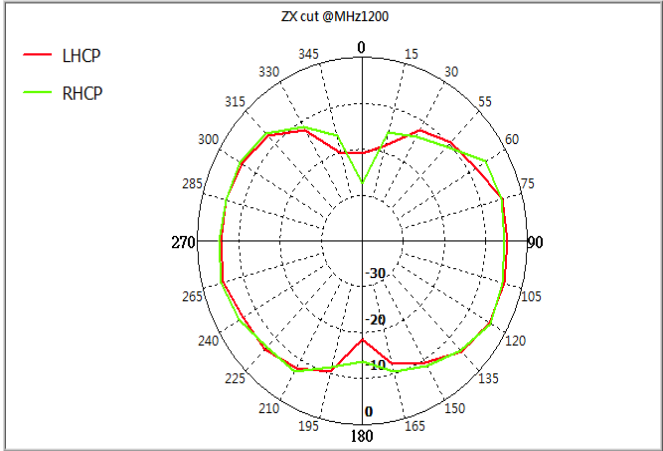
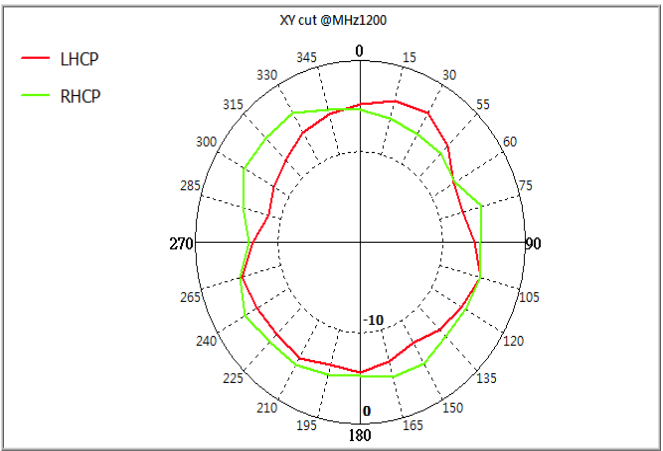
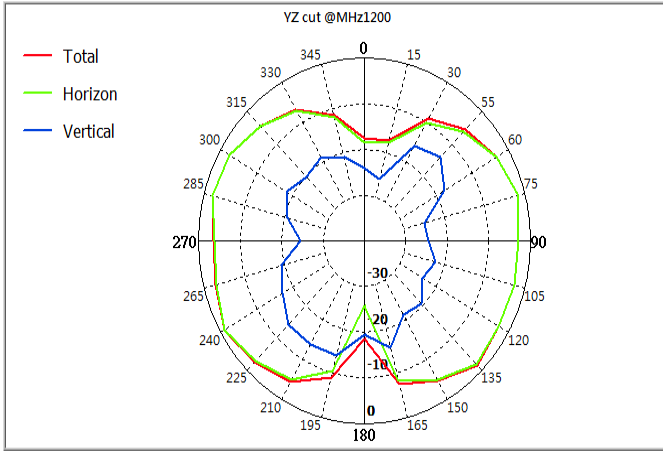


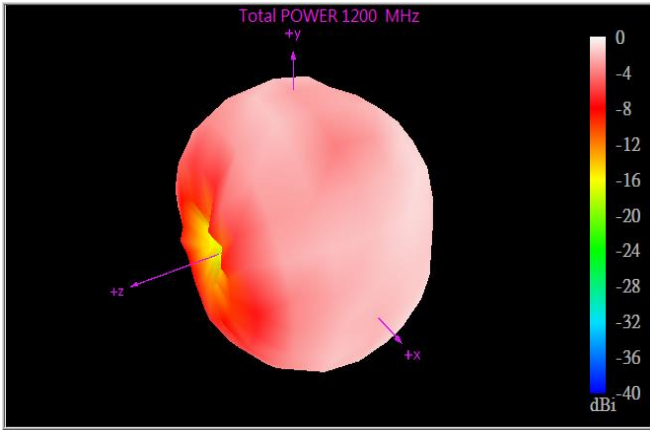
3D Total

Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1200 MHz	-7.18	-6.00	-3.54	44.26	-0.64	-3.54
1250 MHz	-6.31	-4.25	-2.15	60.98	1.20	-2.15
1300 MHz	-7.51	-3.87	-2.31	58.73	1.87	-2.31
1350 MHz	-7.50	-3.41	-1.98	63.41	3.03	-1.98
1400 MHz	-6.68	-3.72	-1.94	63.91	2.71	-1.94
1450 MHz	-6.69	-4.70	-2.57	55.32	2.63	-2.57
1500 MHz	-7.12	-4.80	-2.80	52.52	2.50	-2.80
1550 MHz	-7.02	-4.62	-2.65	54.38	2.91	-2.65
1600 MHz	-7.13	-4.70	-2.74	53.25	2.62	-2.74
1610 MHz	-7.23	-4.93	-2.92	51.05	2.31	-2.92
1620 MHz	-7.30	-5.03	-3.01	50.02	2.08	-3.01
1630 MHz	-7.10	-4.91	-2.86	51.75	2.34	-2.86
1650 MHz	-6.72	-4.57	-2.50	56.22	2.69	-2.50
1700 MHz	-7.26	-4.74	-2.81	52.38	2.18	-2.81
2000 MHz	-8.53	-4.20	-2.84	52.03	3.38	-2.84
2100 MHz	-7.97	-4.13	-2.63	54.59	3.57	-2.63
2150 MHz	-8.11	-4.07	-2.63	54.59	3.60	-2.63
2200 MHz	-8.28	-4.39	-2.90	51.27	3.63	-2.90
2250 MHz	-8.26	-5.04	-3.35	46.26	3.43	-3.35
2300 MHz	-7.58	-4.92	-3.04	49.69	3.31	-3.04
2350 MHz	-7.86	-5.49	-3.50	44.63	2.87	-3.50
2400 MHz	-6.70	-5.10	-2.82	52.25	2.72	-2.82
2450 MHz	-5.83	-4.84	-2.30	58.90	1.96	-2.30
2500 MHz	-5.48	-4.42	-1.91	64.43	2.04	-1.91

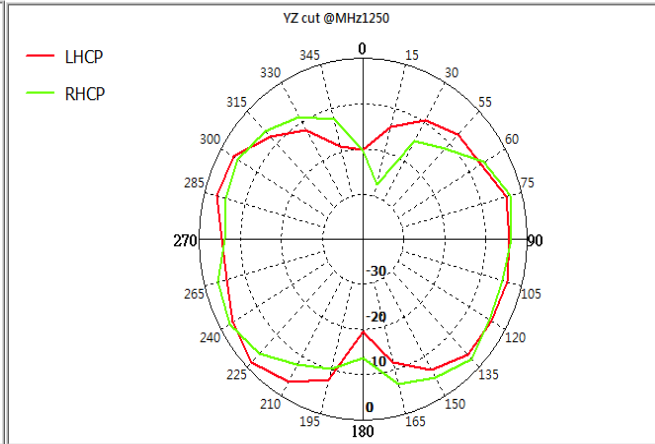
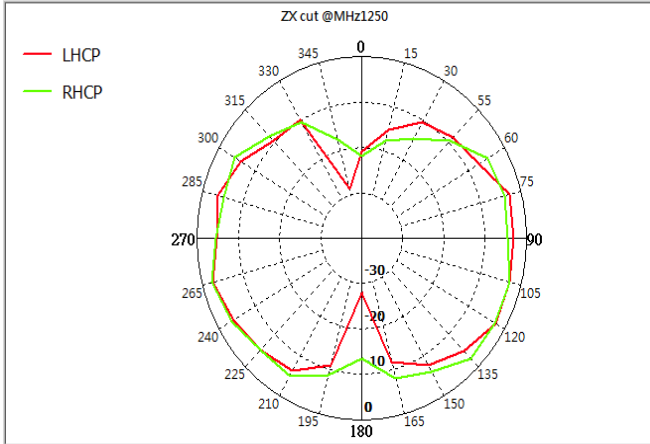
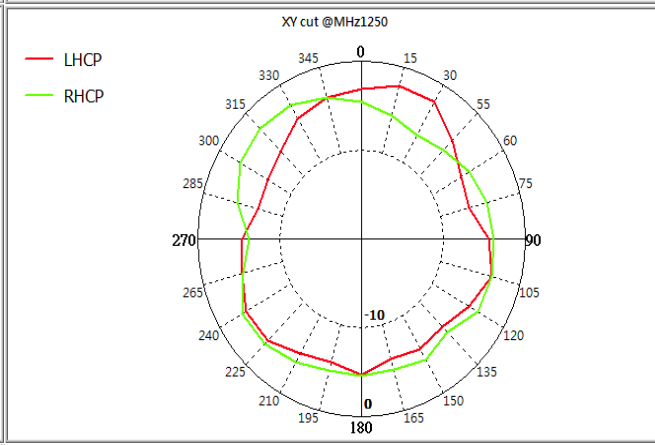
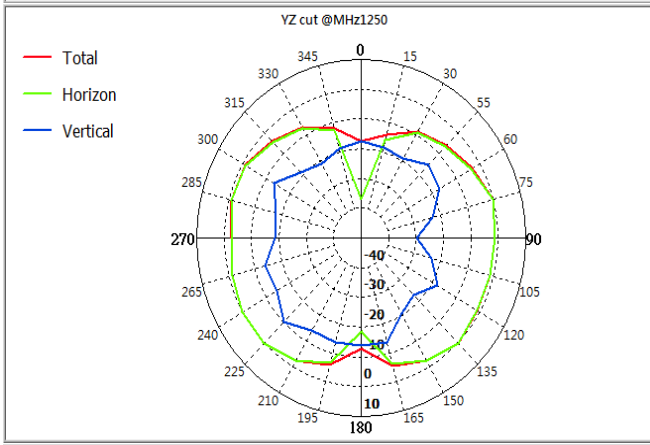
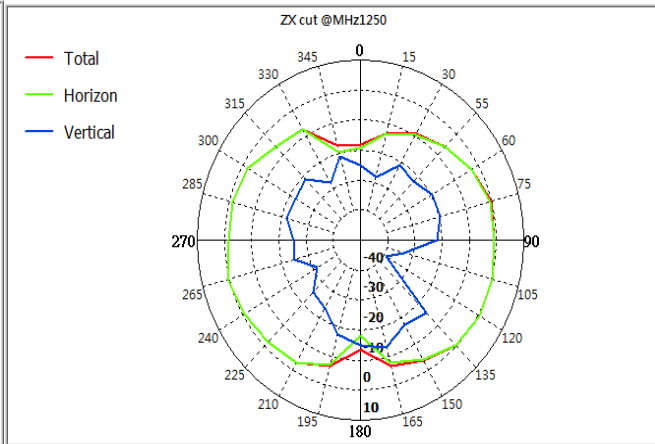
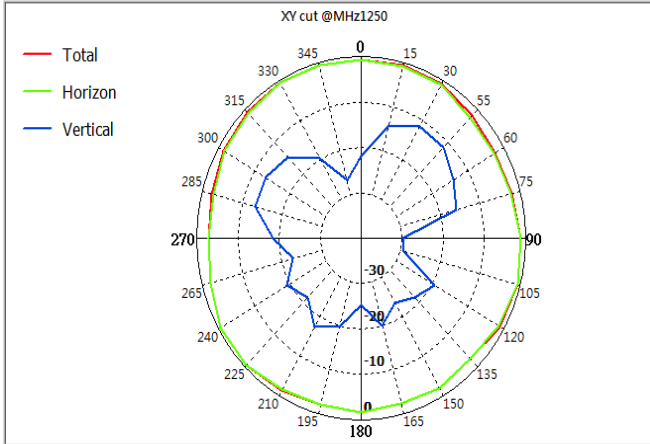
1200Mhz:

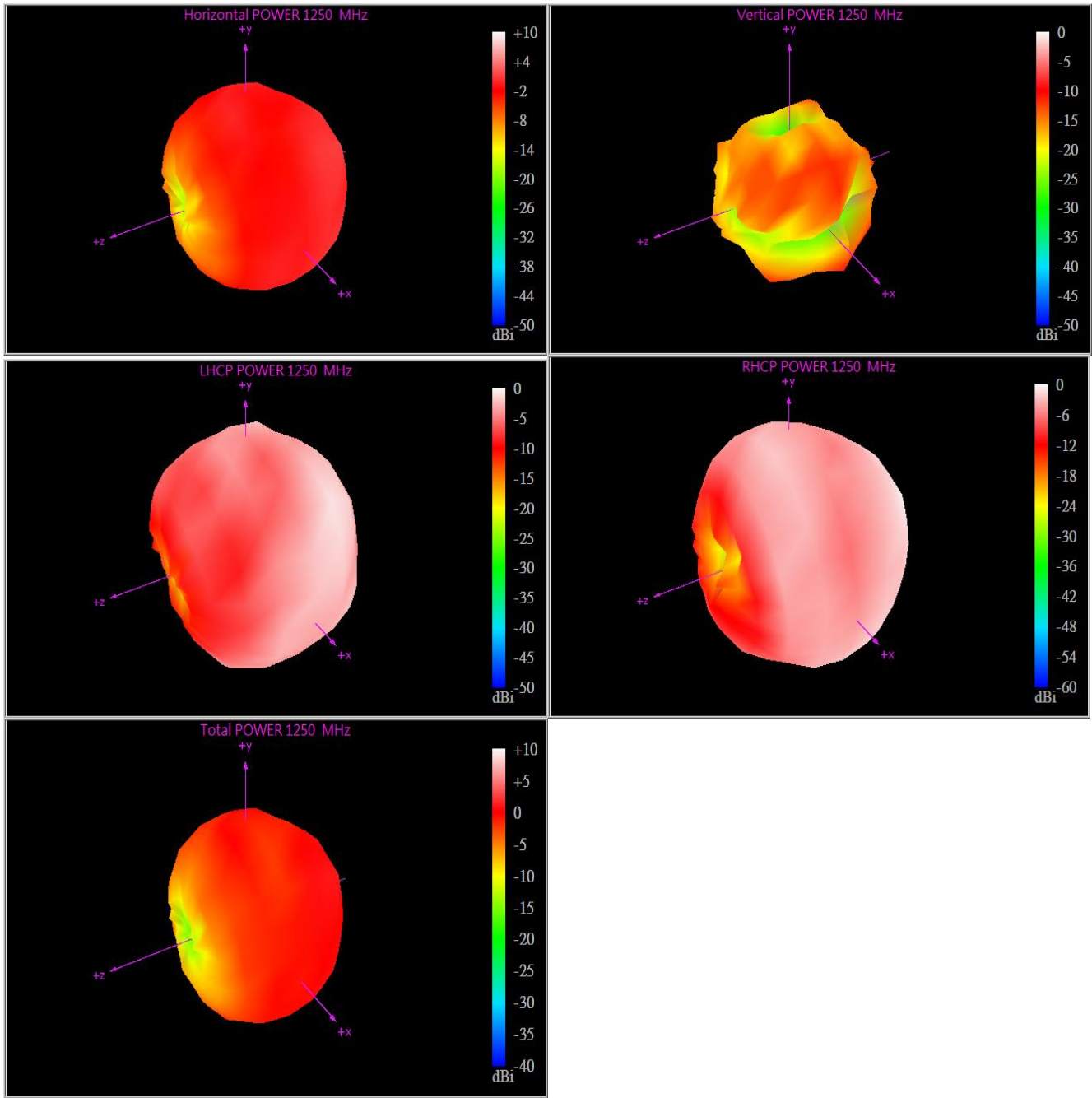




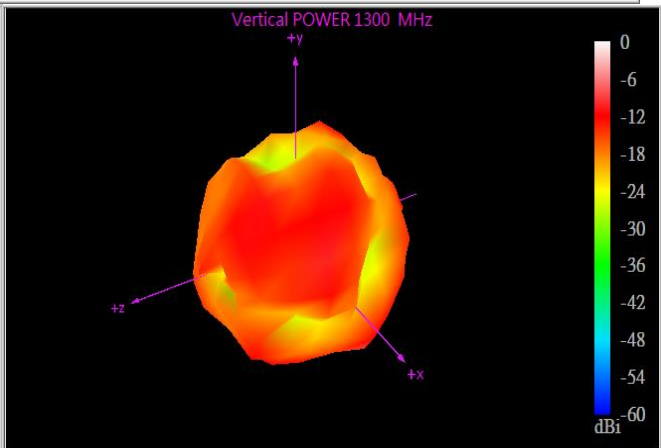
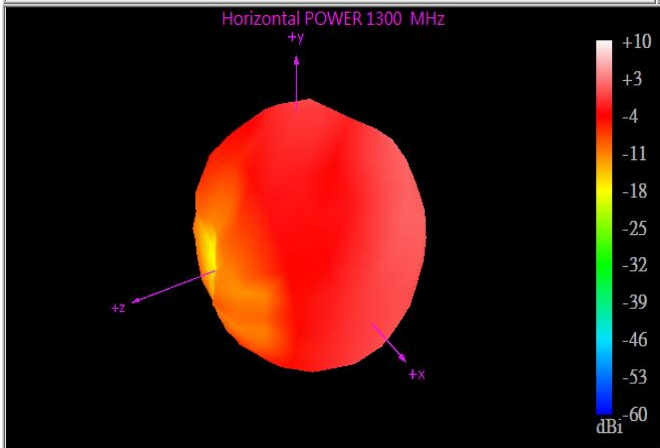
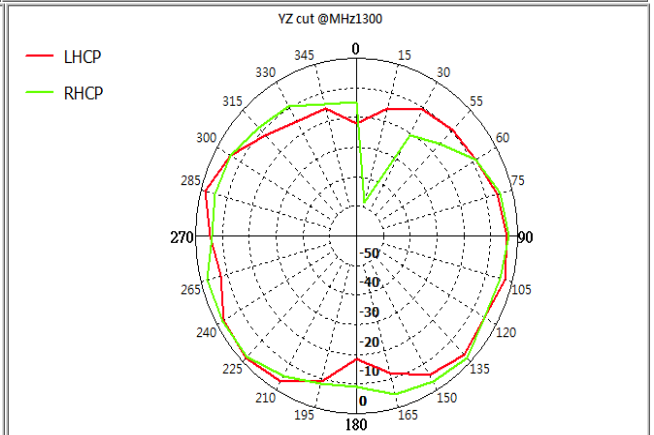
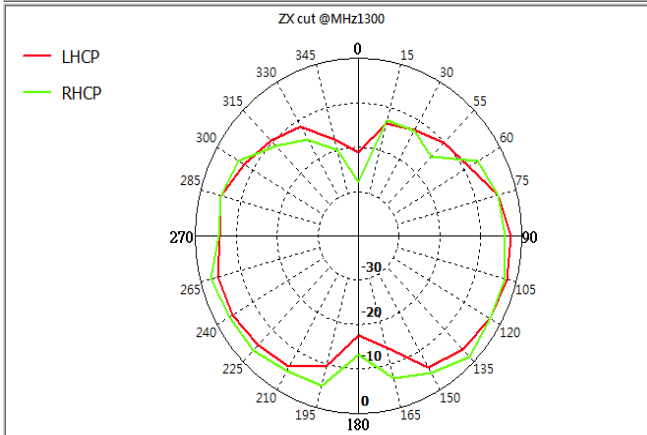
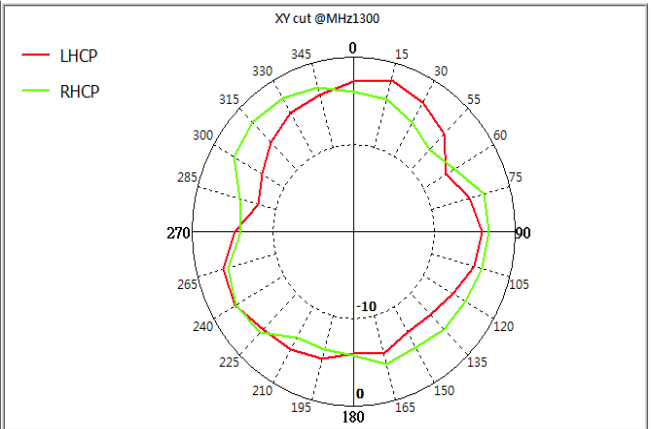
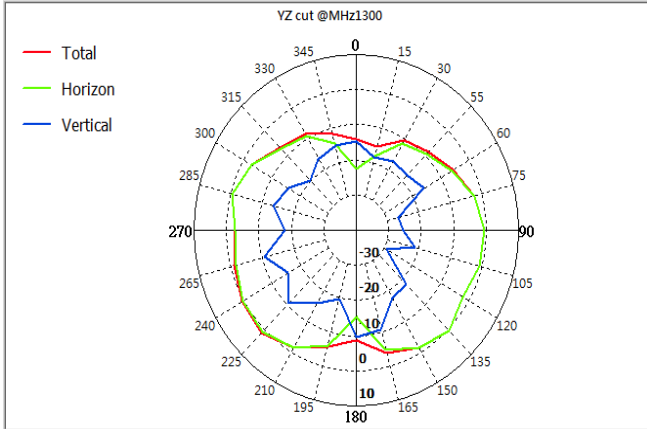
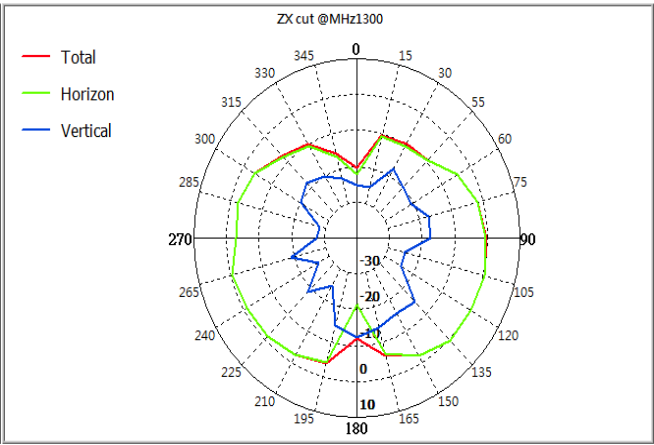
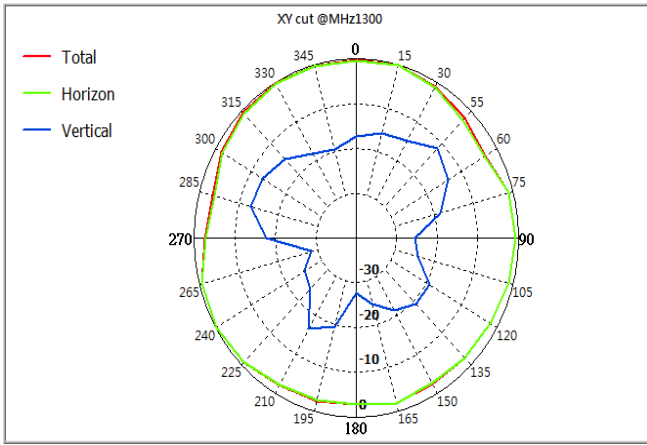


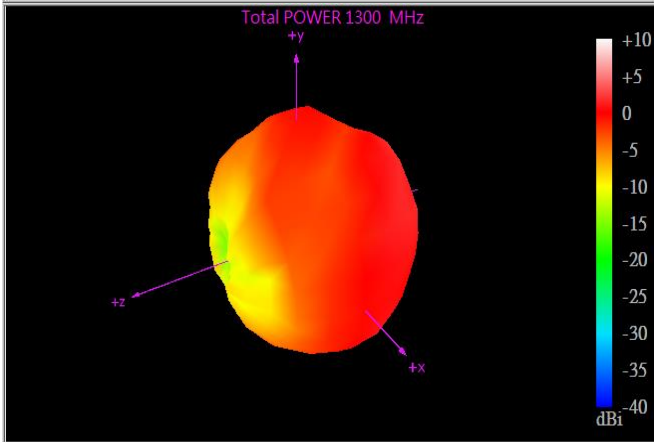
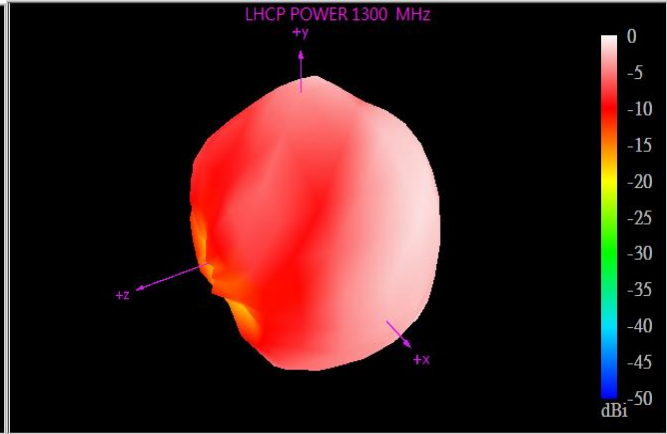
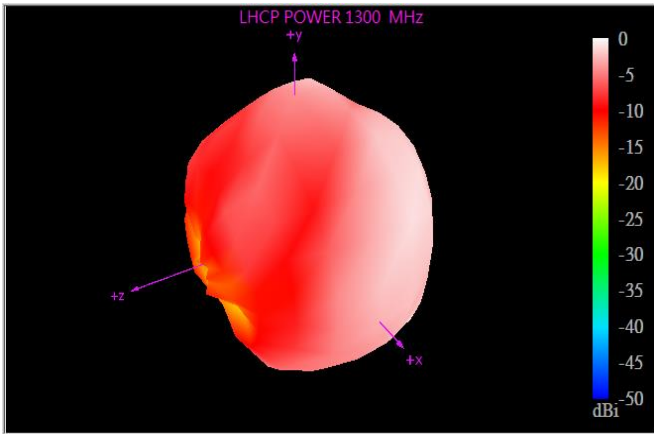
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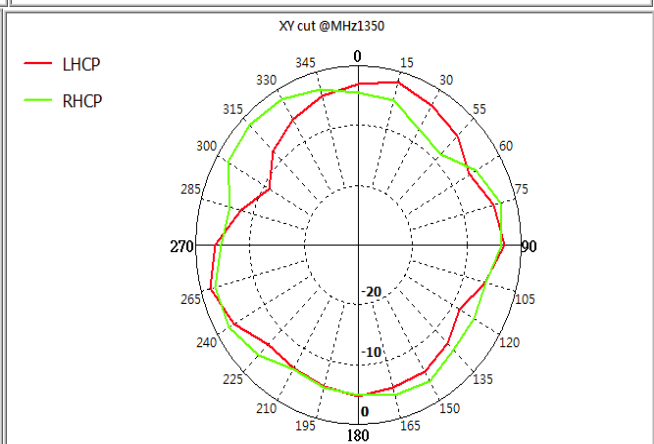
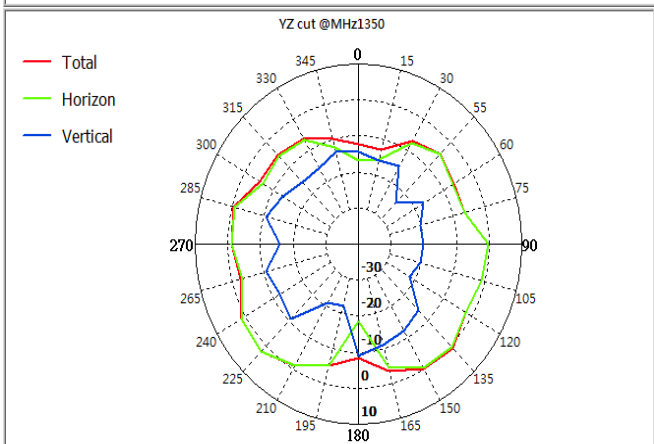
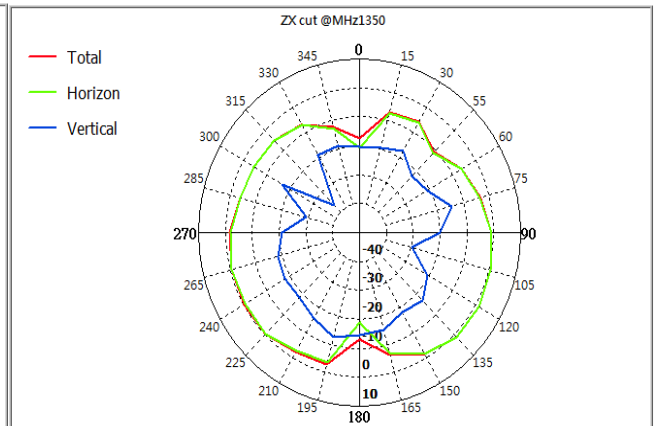
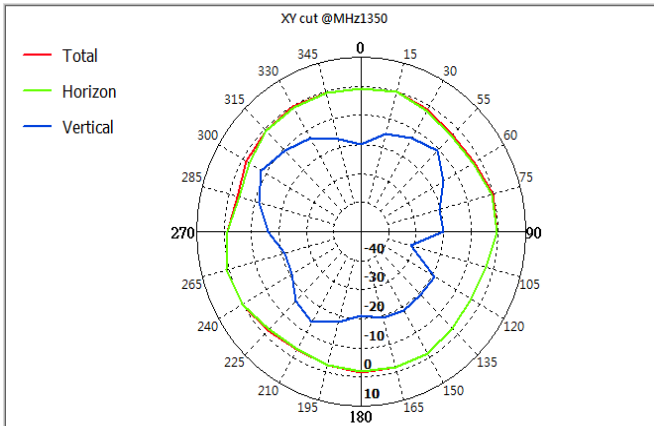


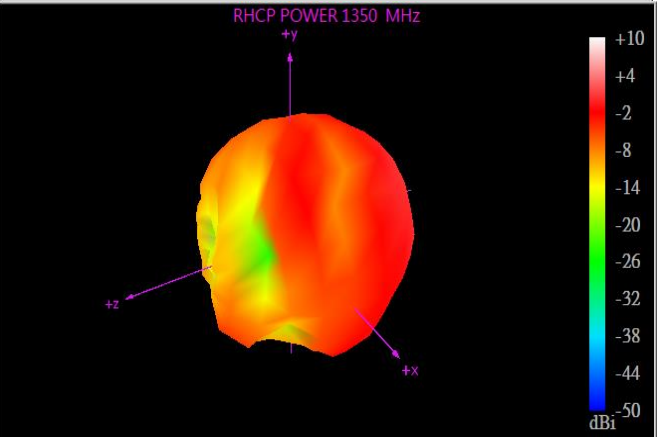
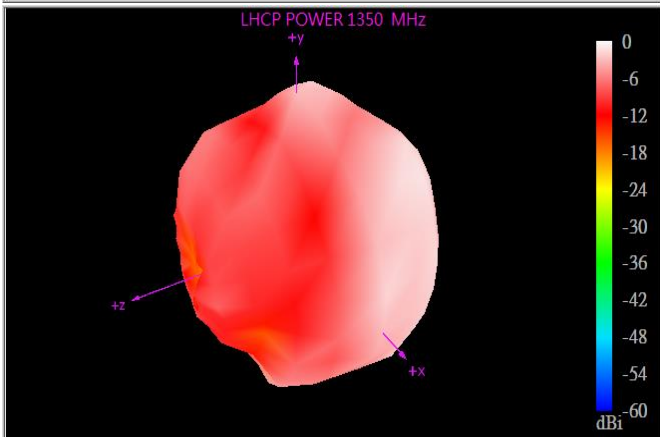
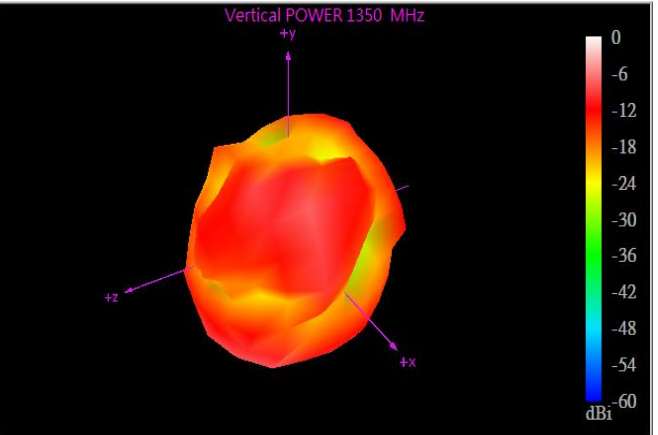
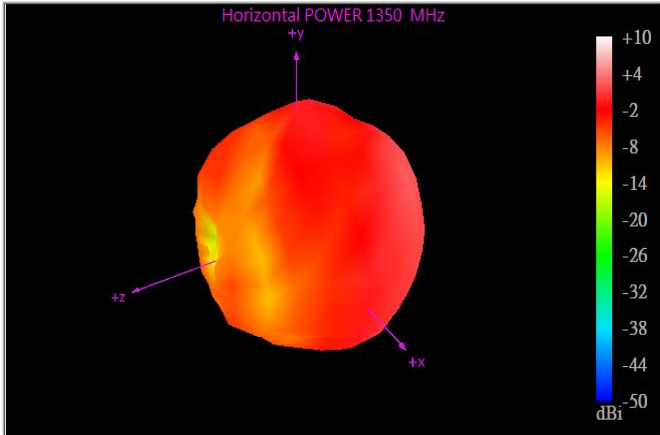
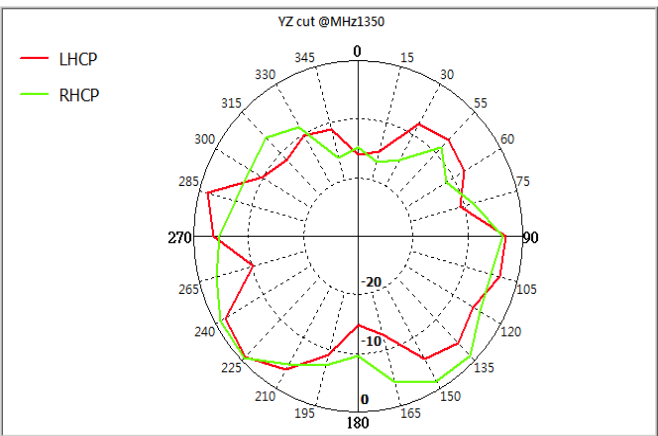
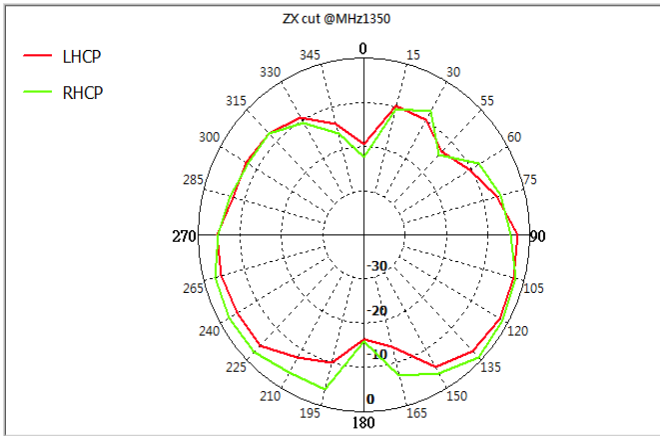
1300Mhz:



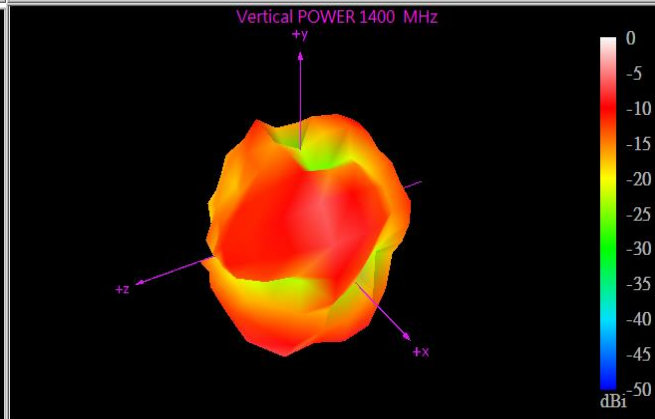
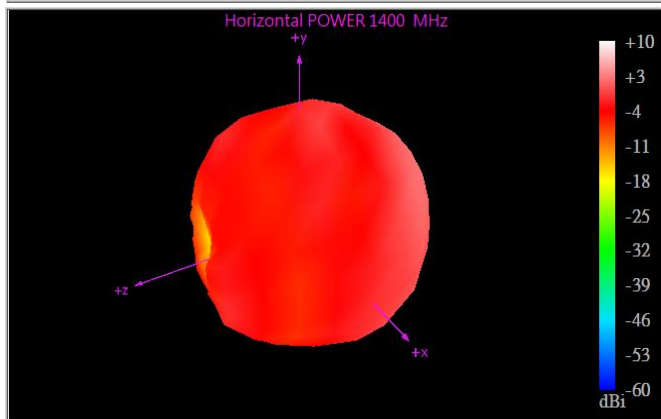
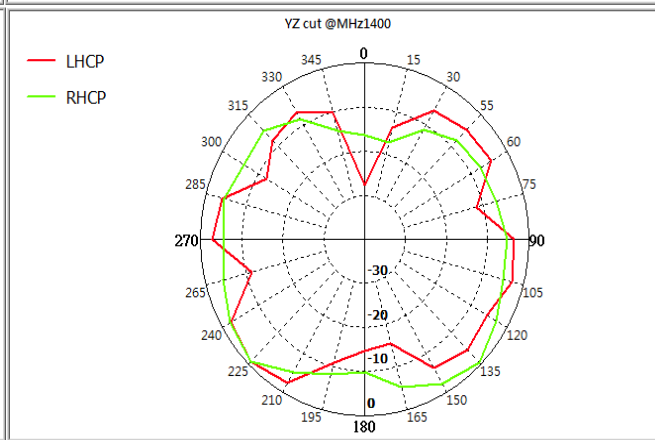
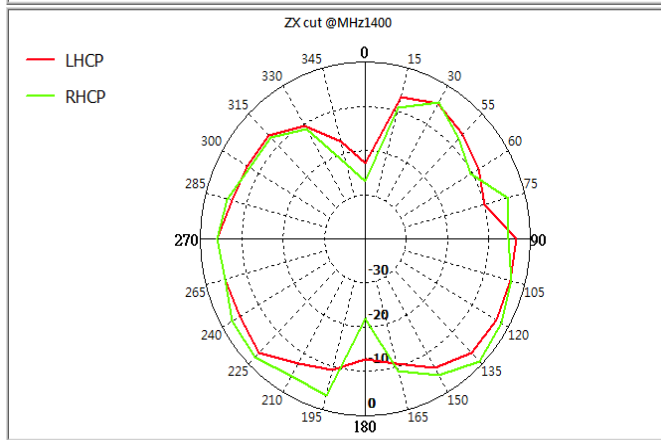
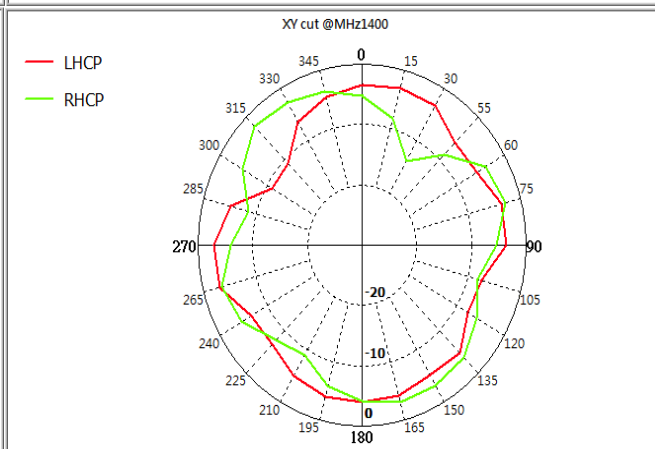
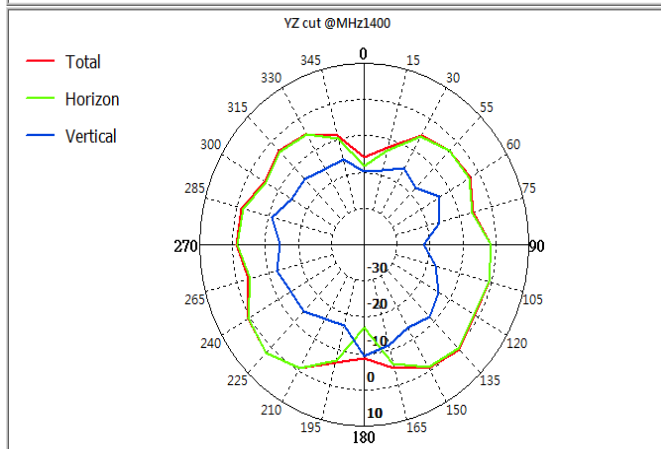
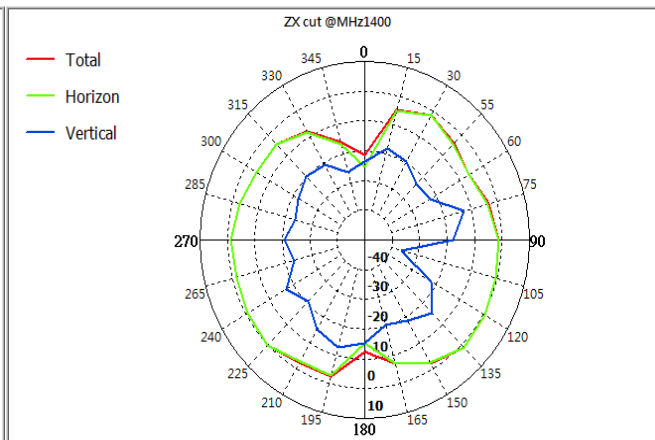
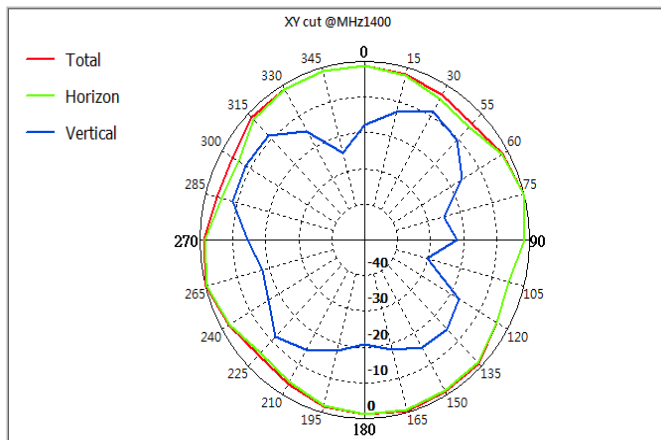


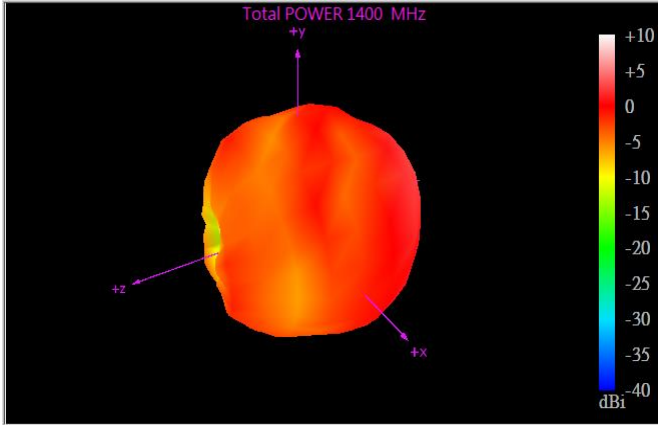
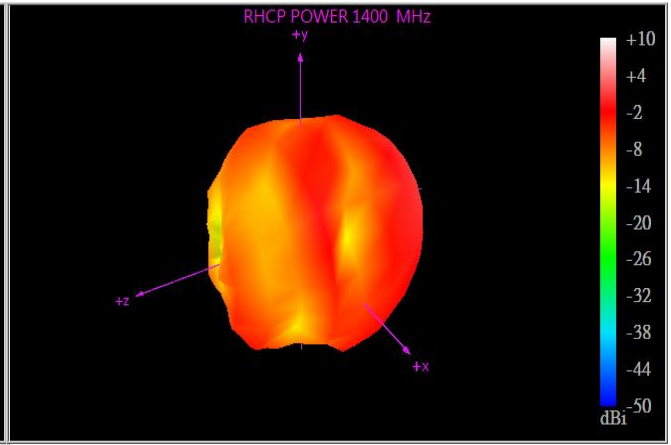
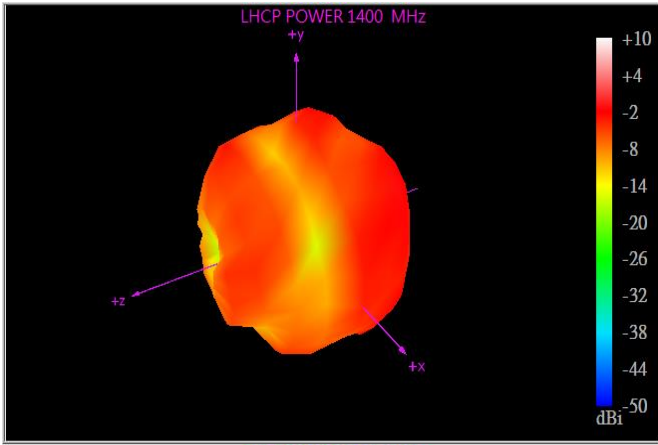
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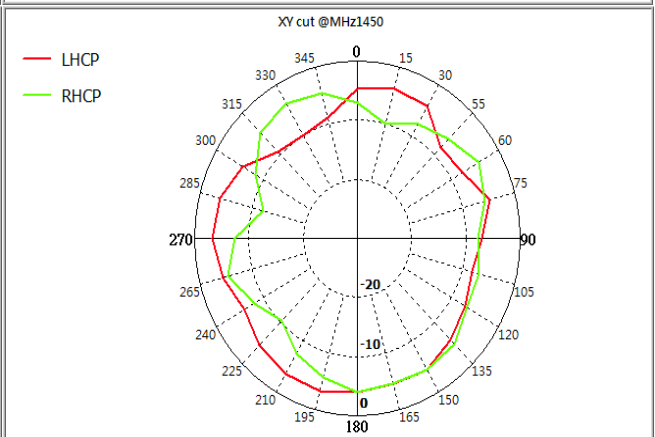
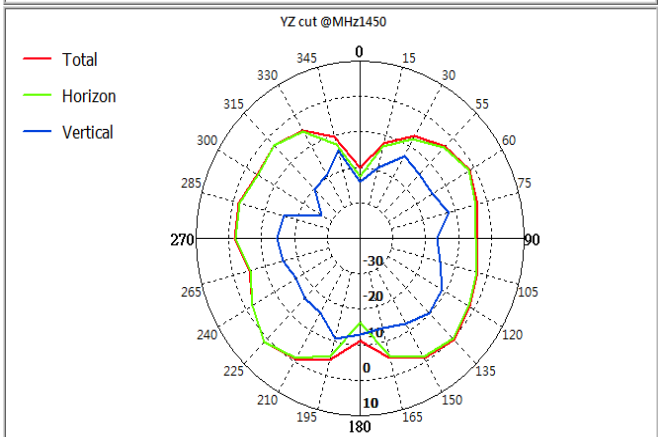
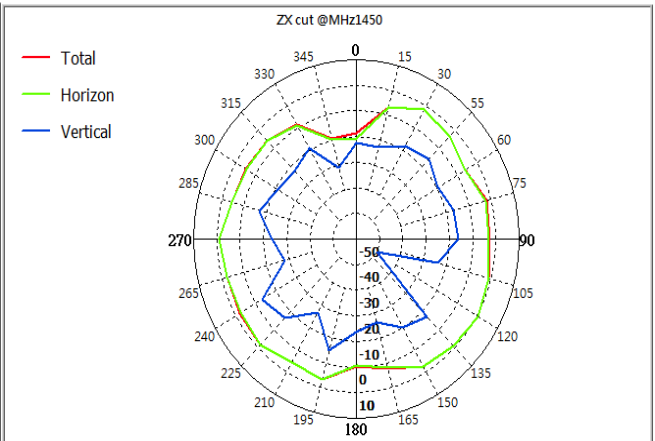
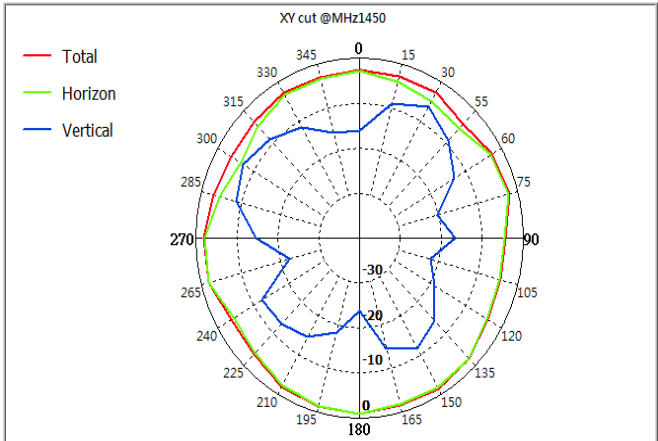


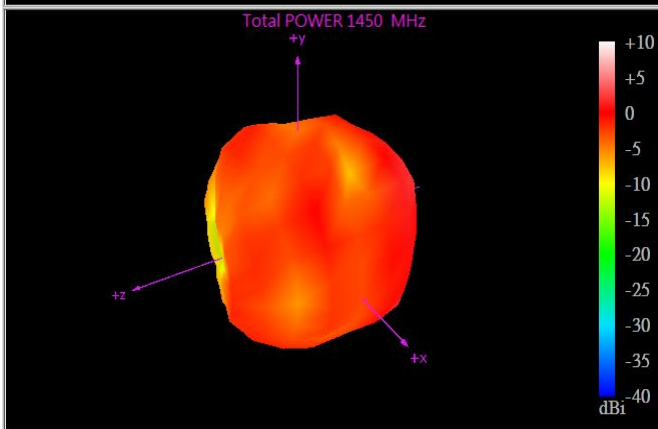
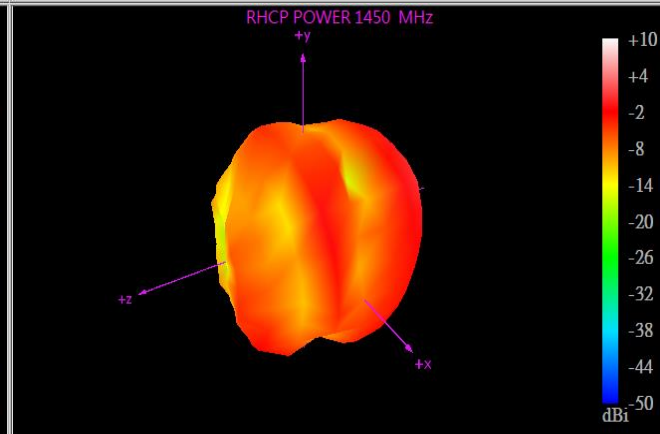
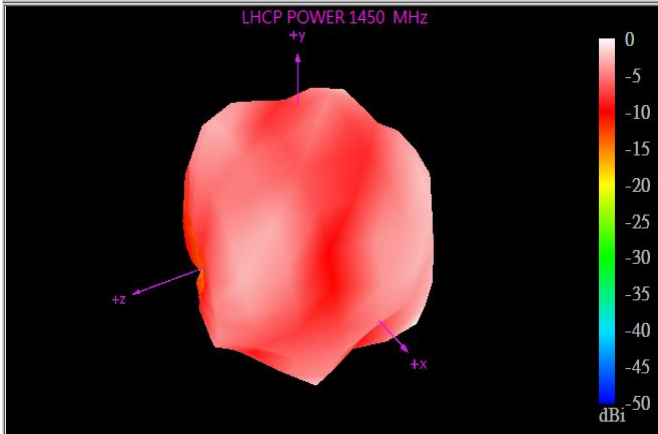
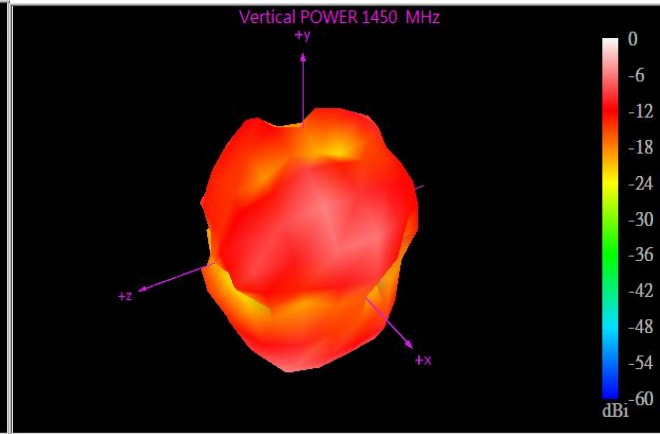
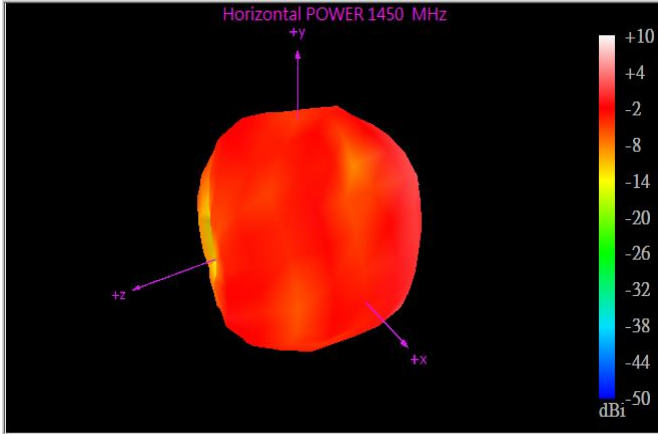
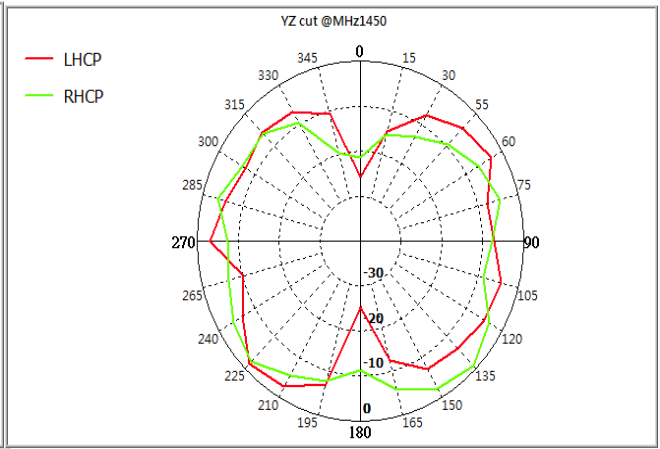
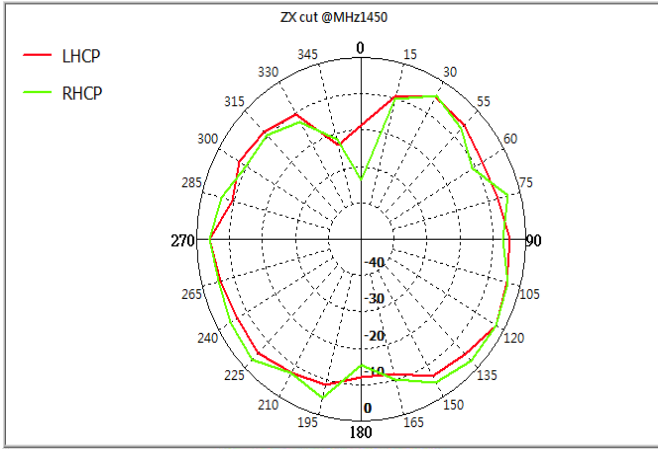
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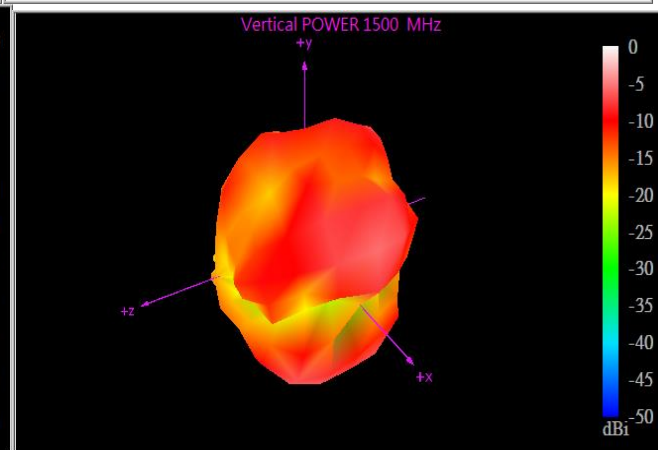
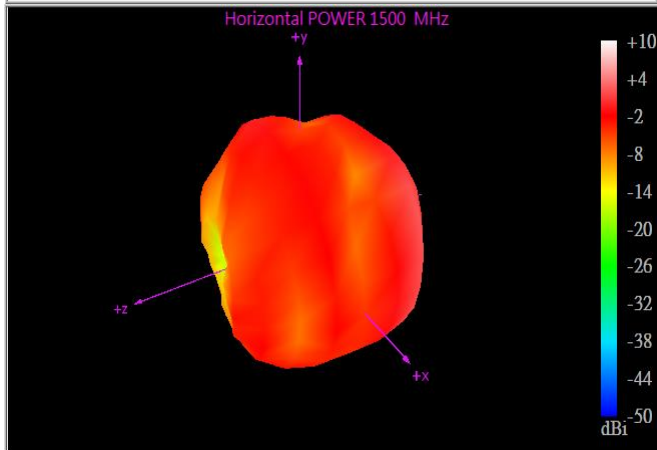
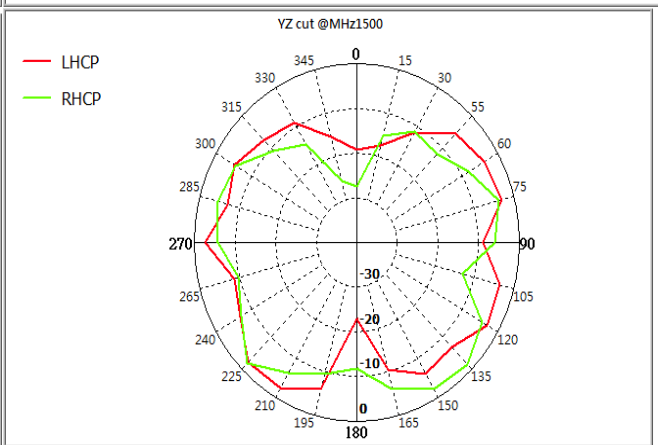
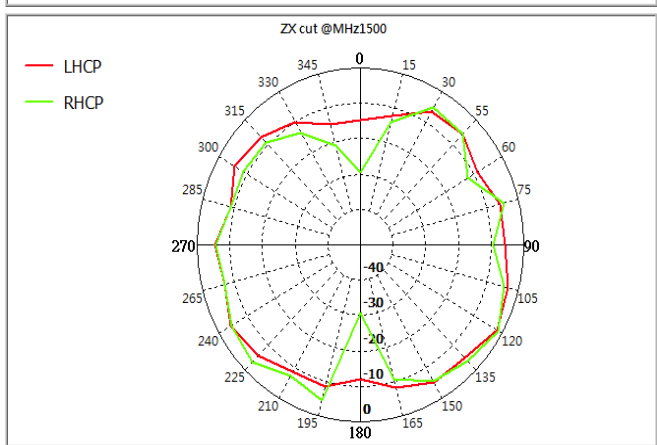
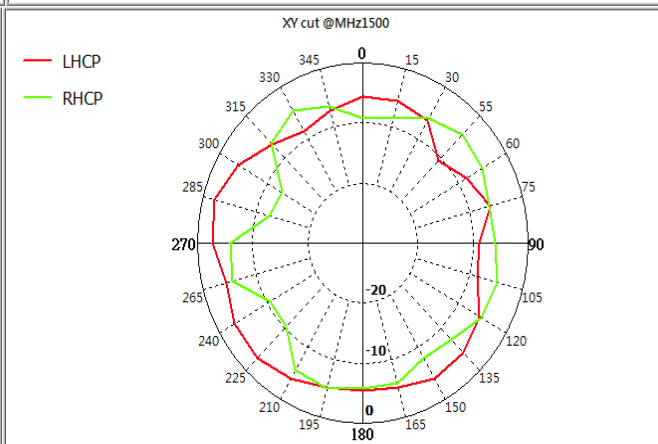
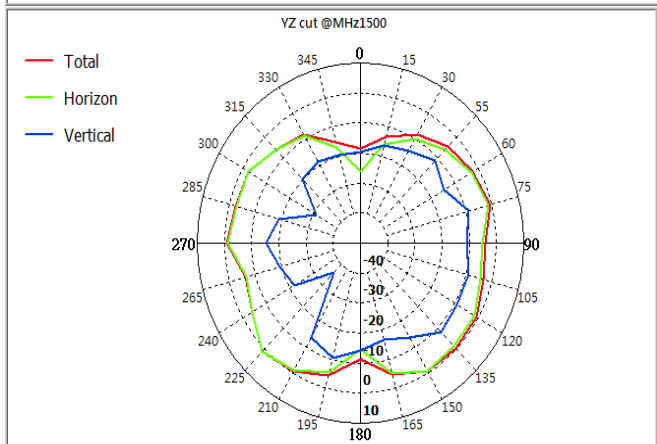
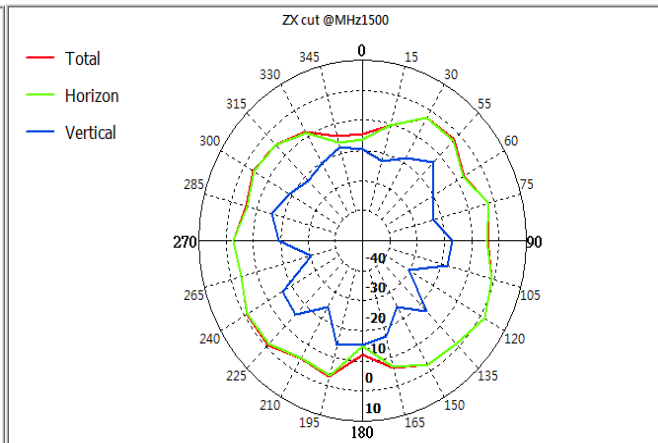
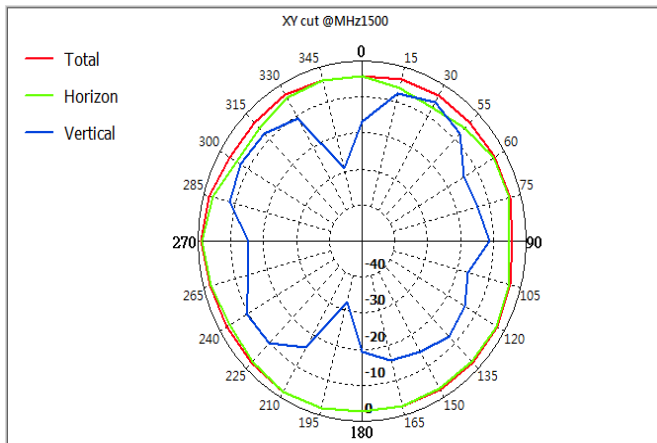


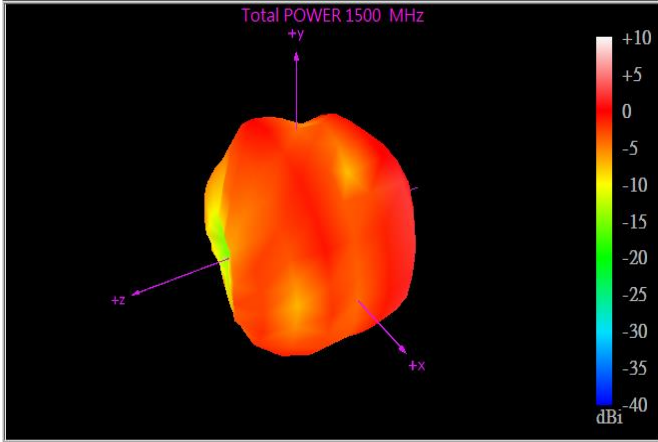
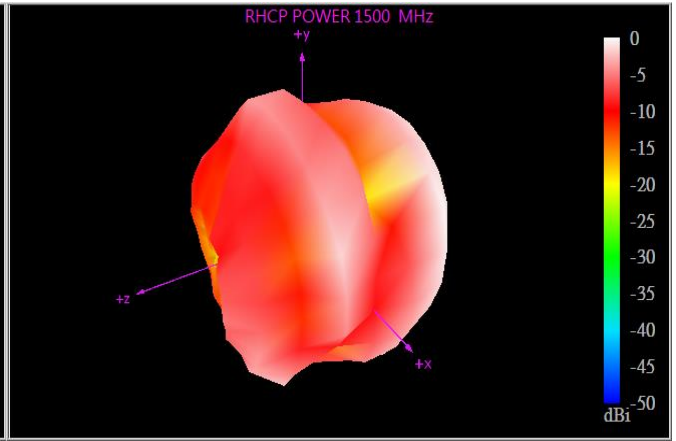
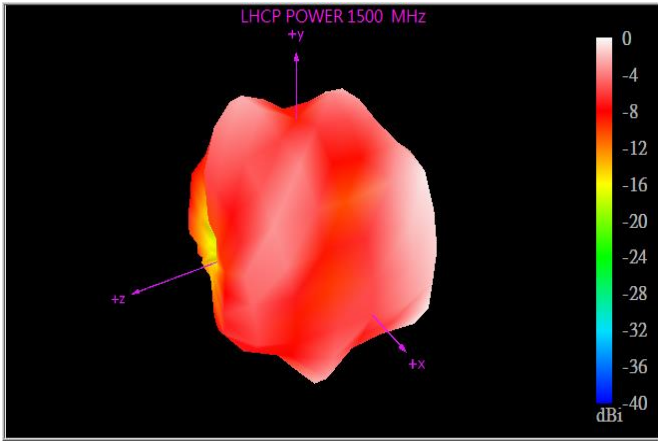
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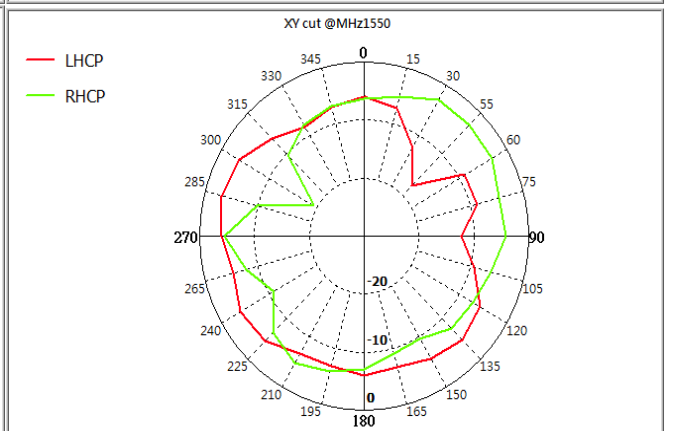
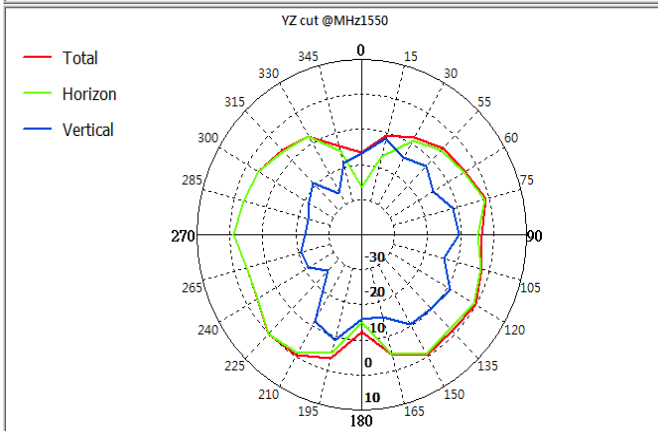
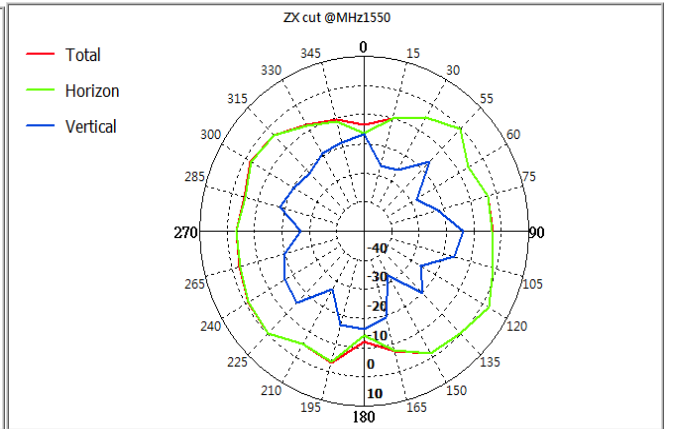
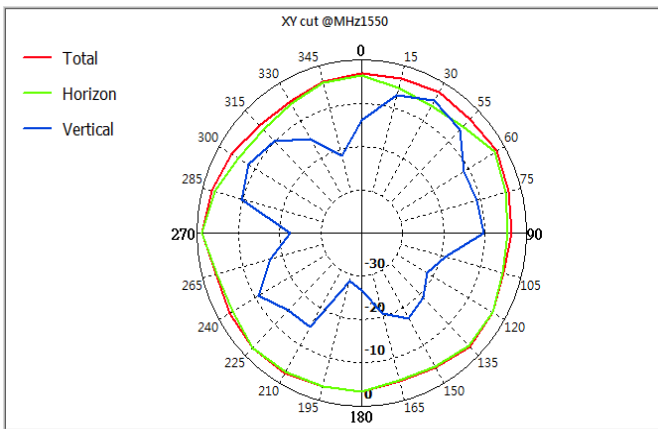


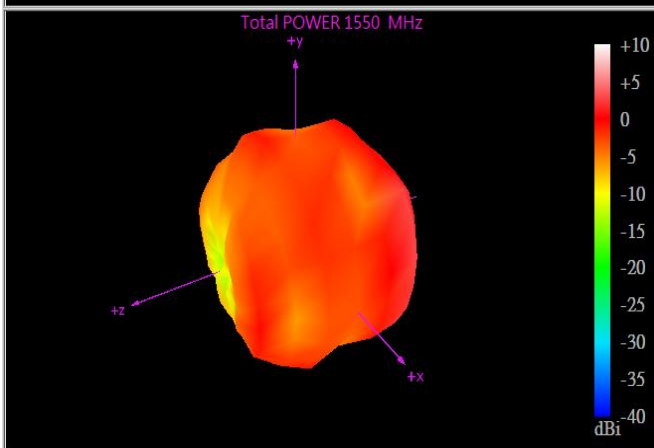
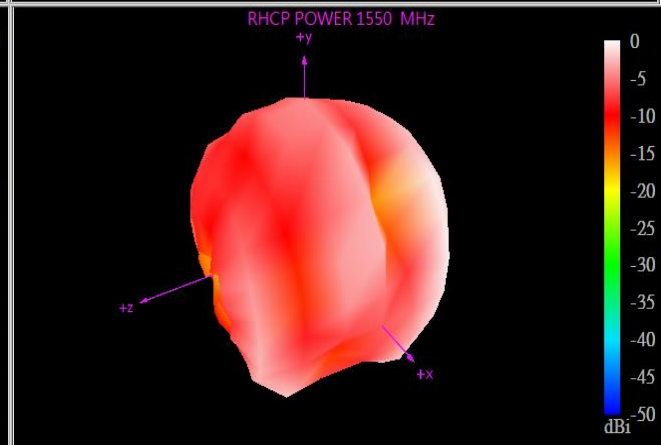
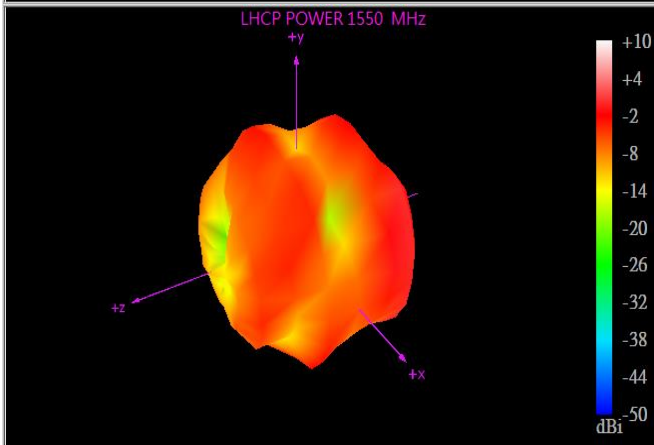
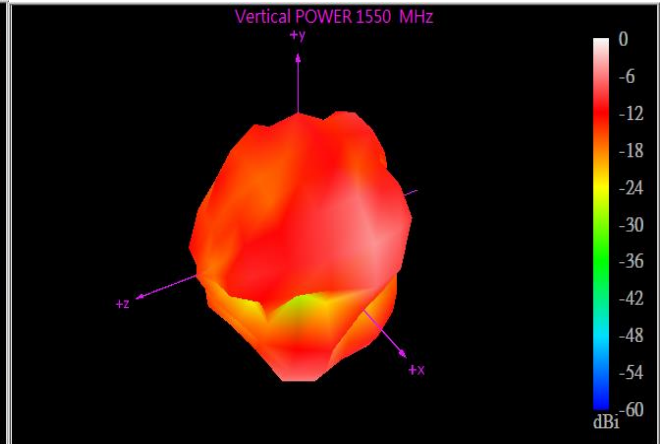
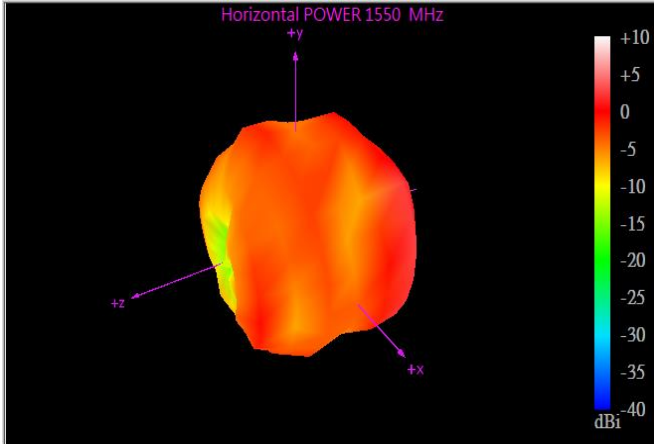
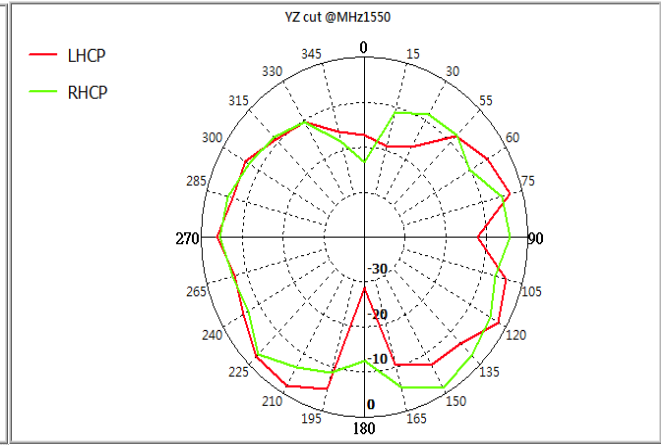
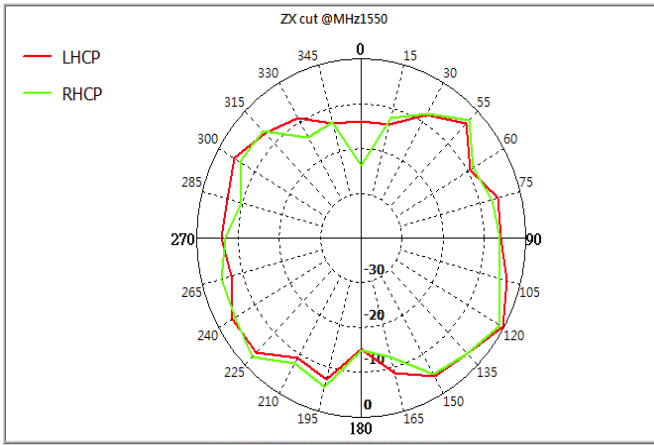
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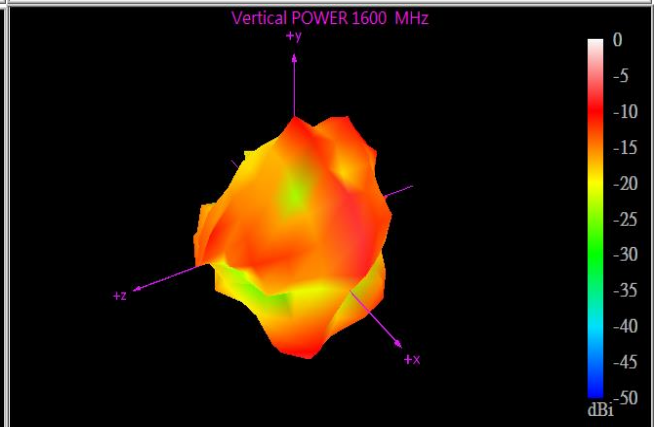
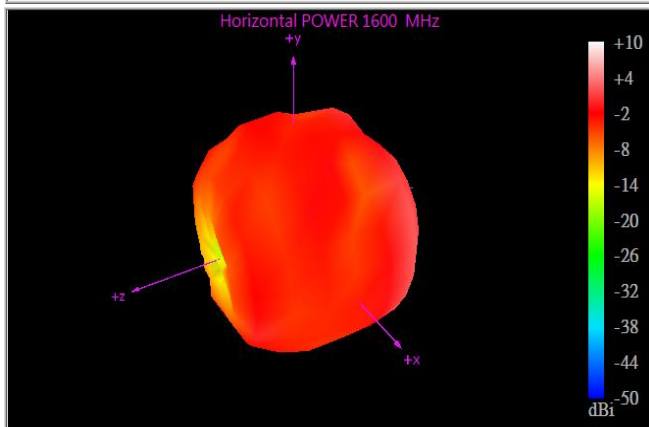
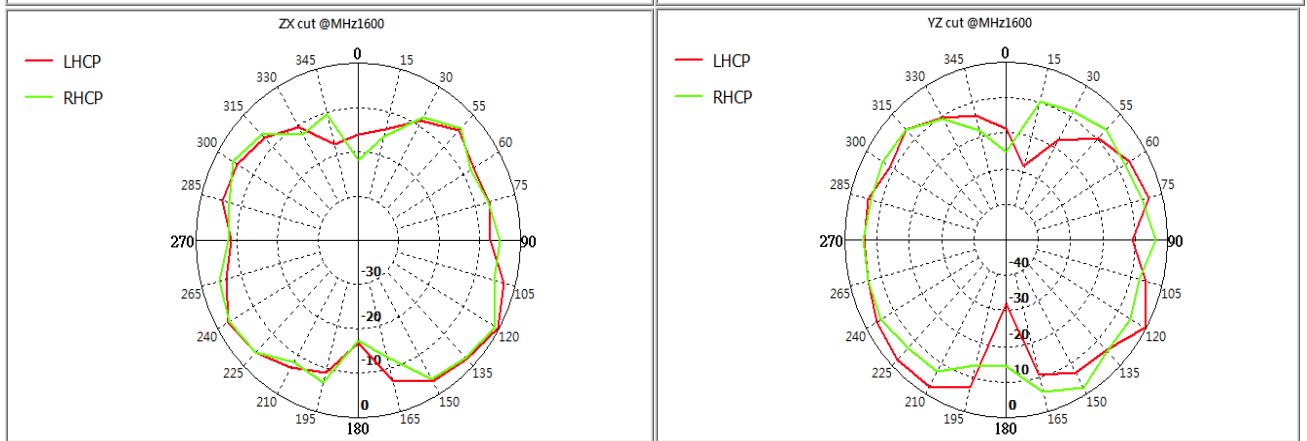
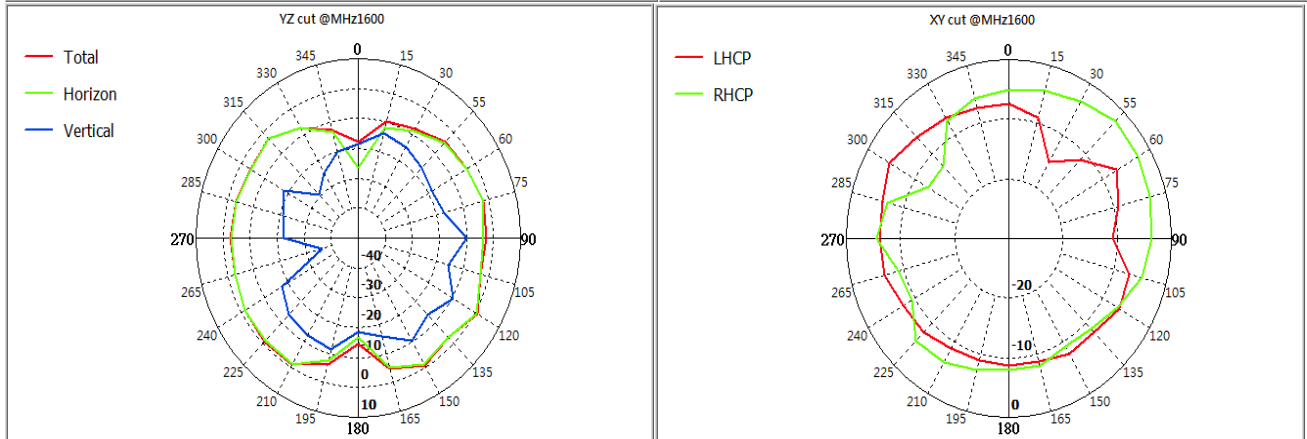
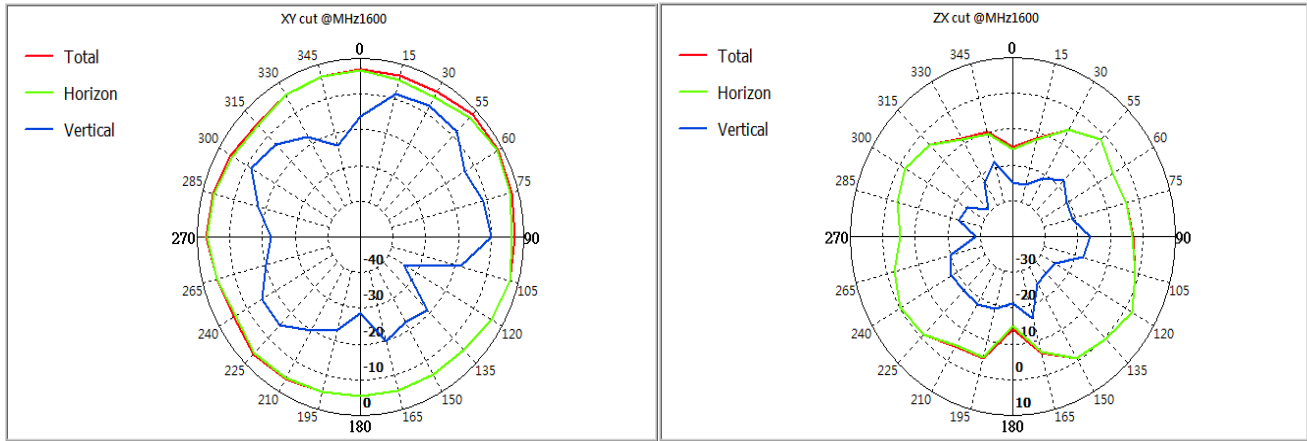


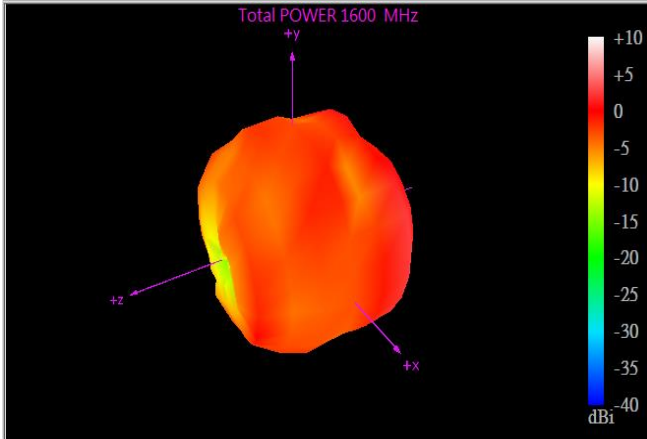
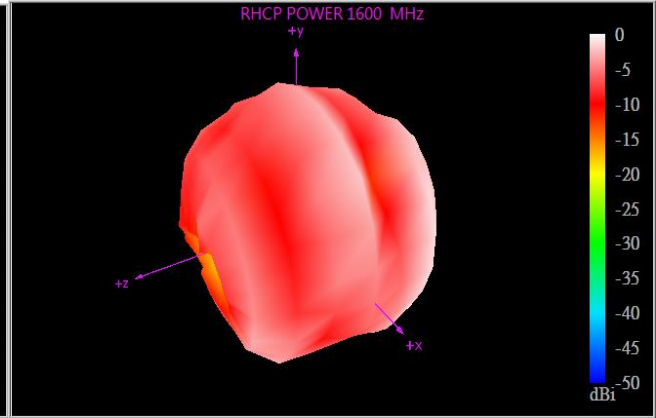
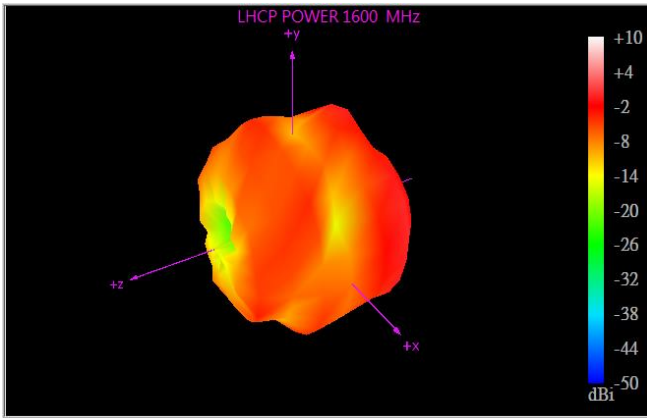
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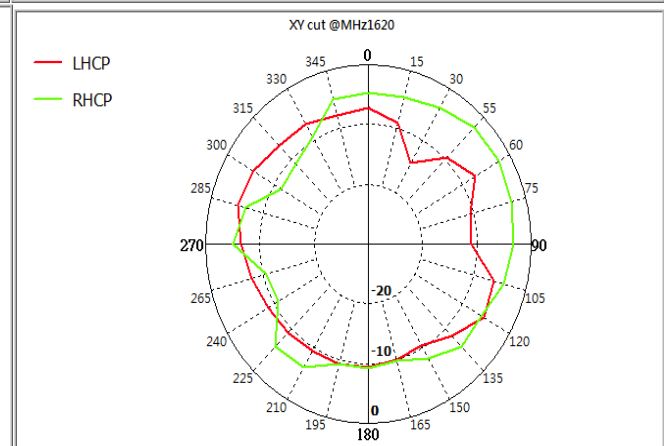
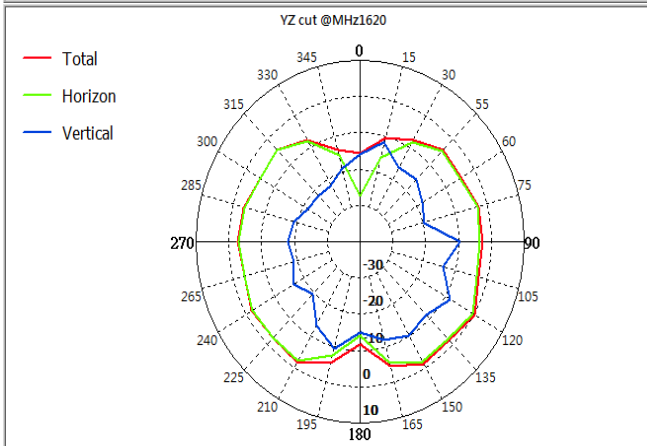
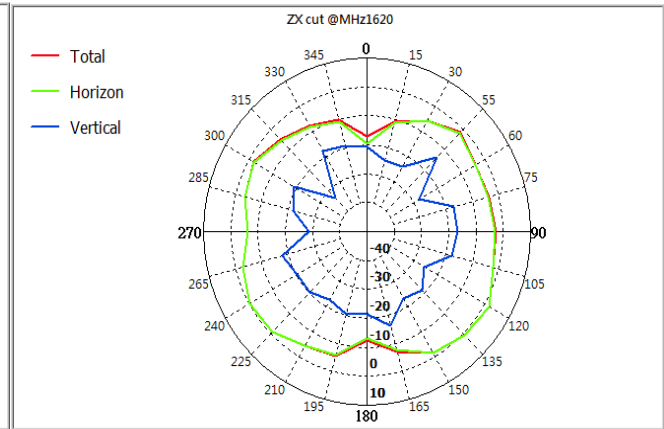
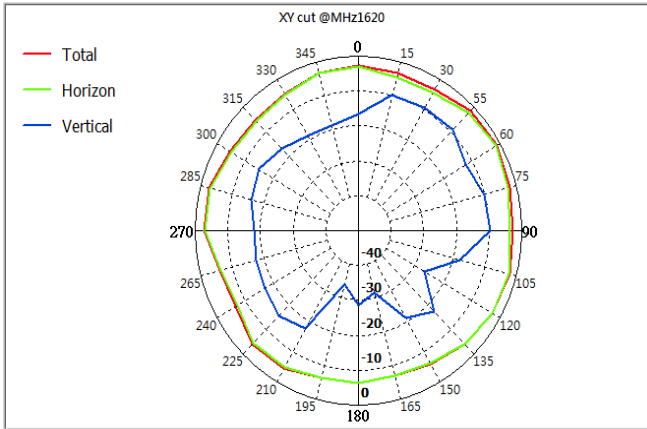


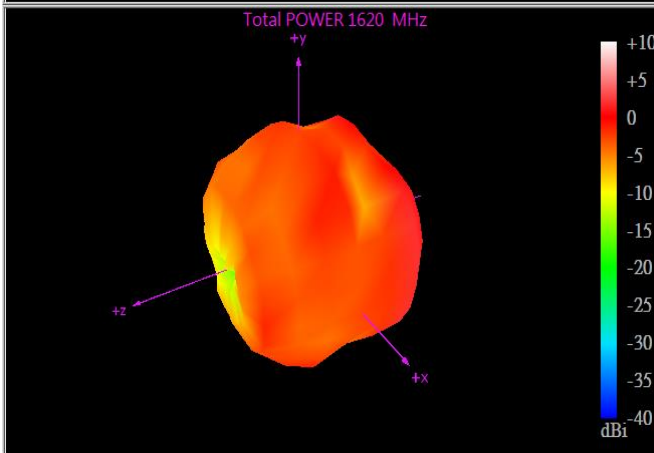
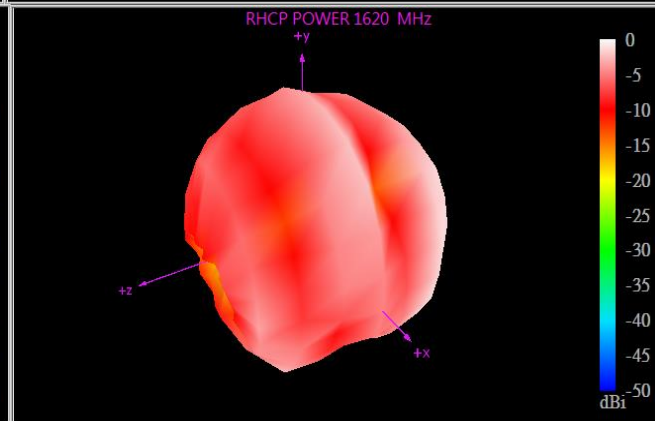
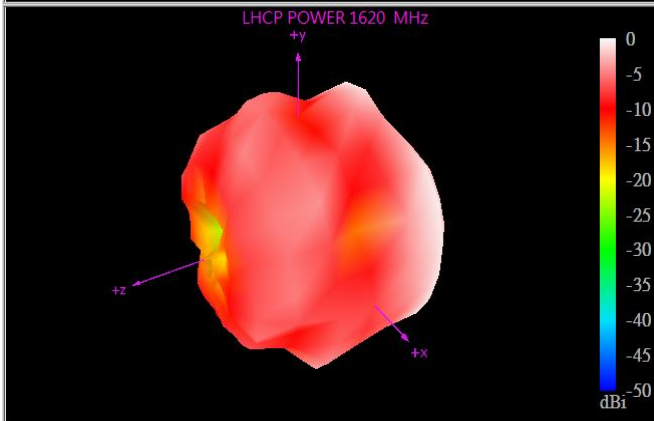
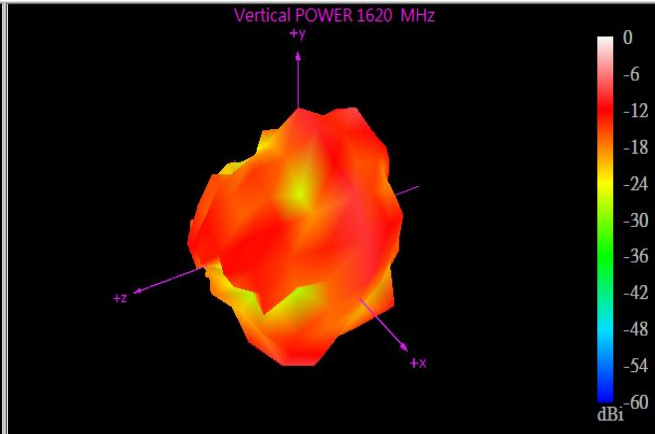
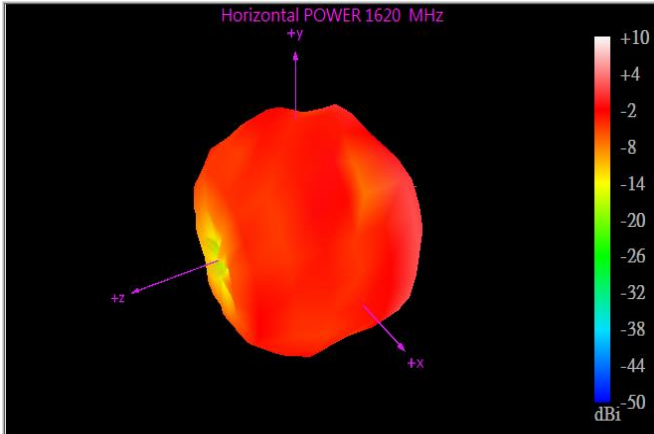
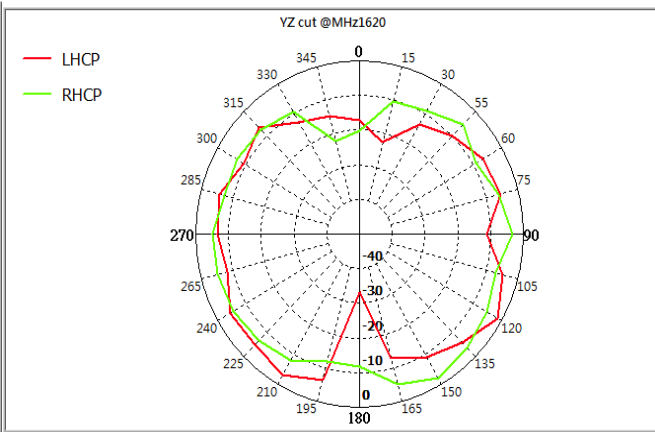
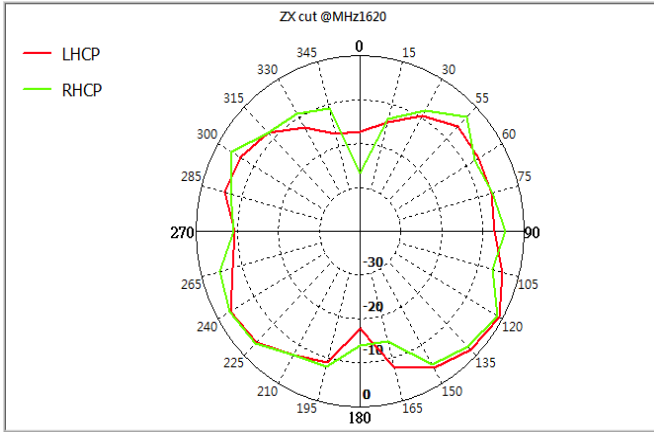
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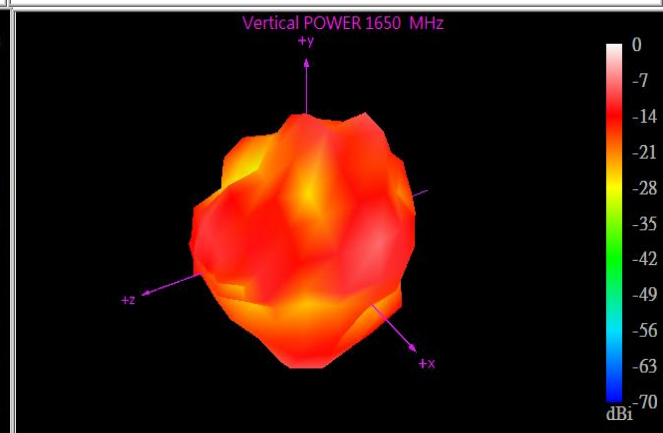
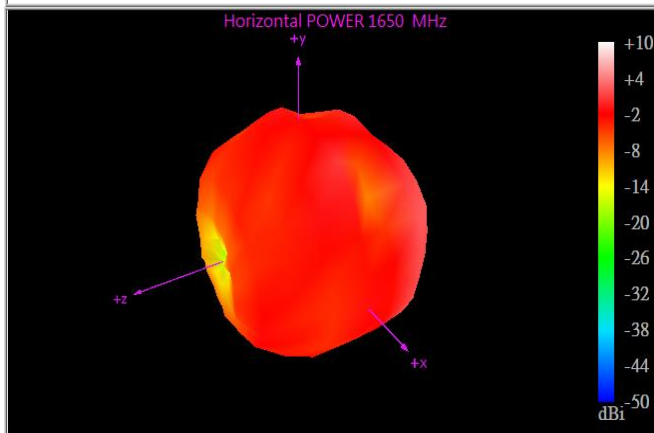
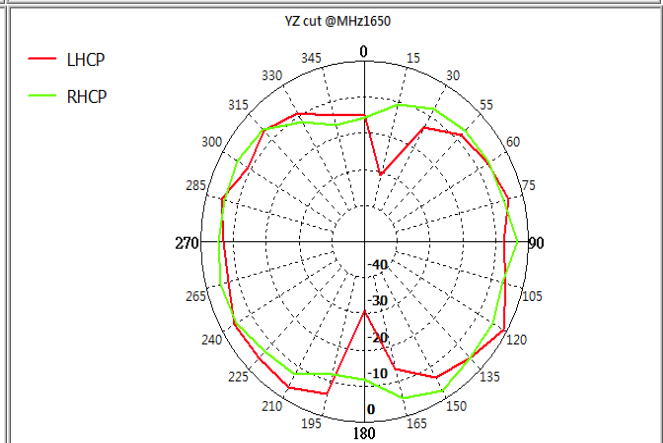
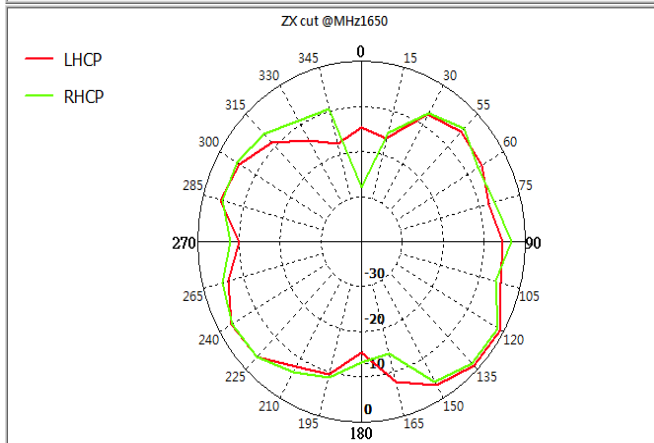
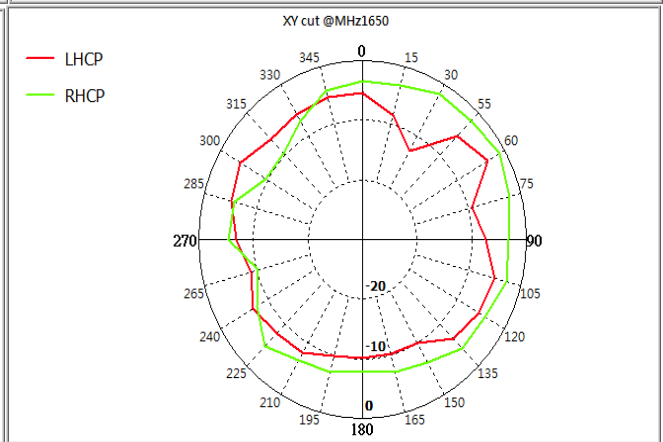
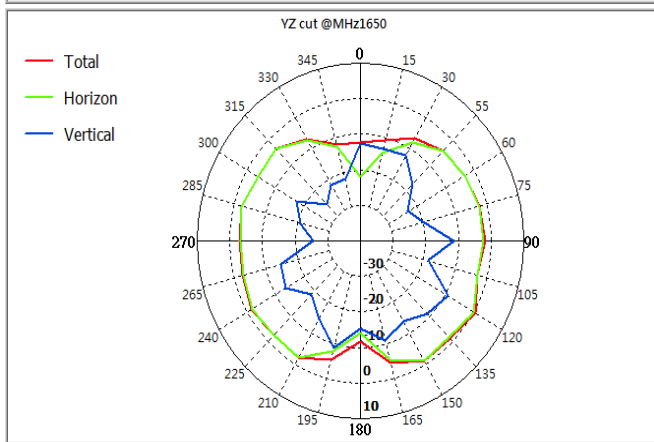
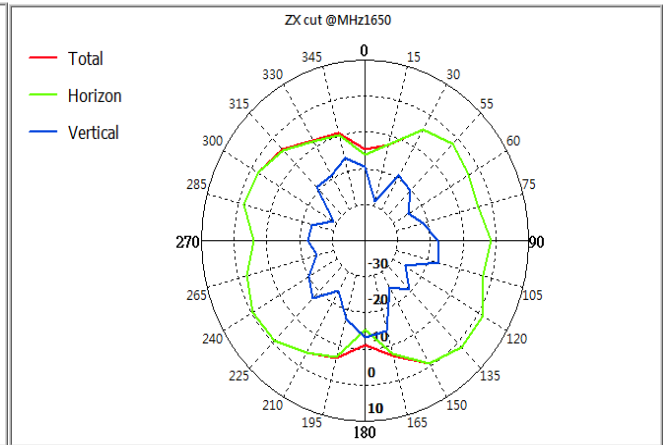
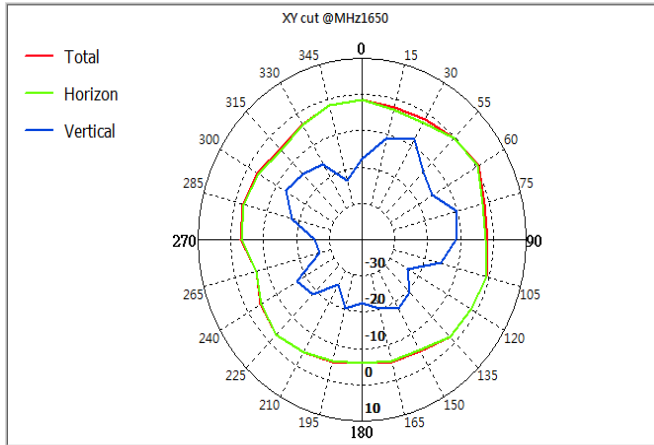


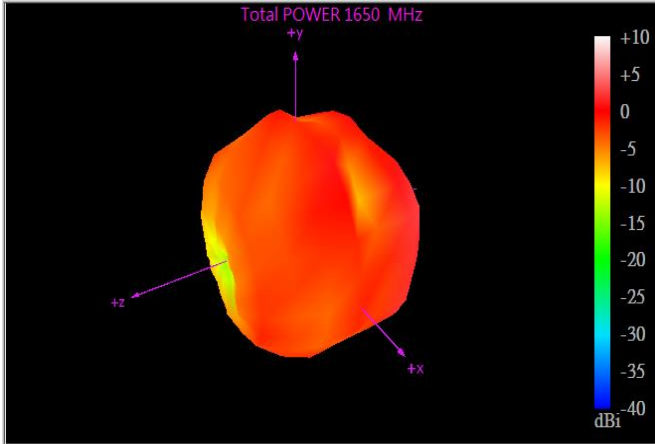
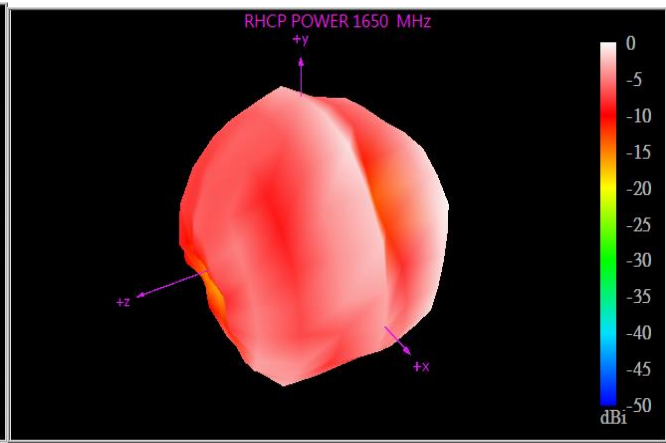
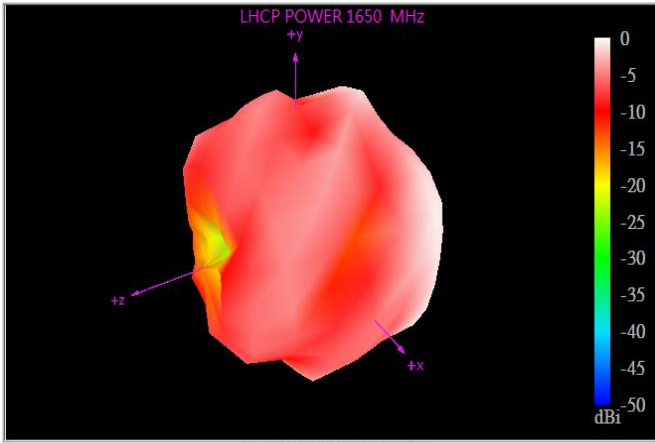
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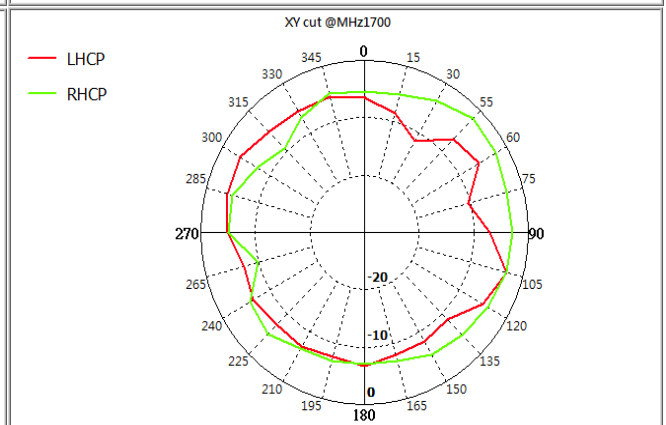
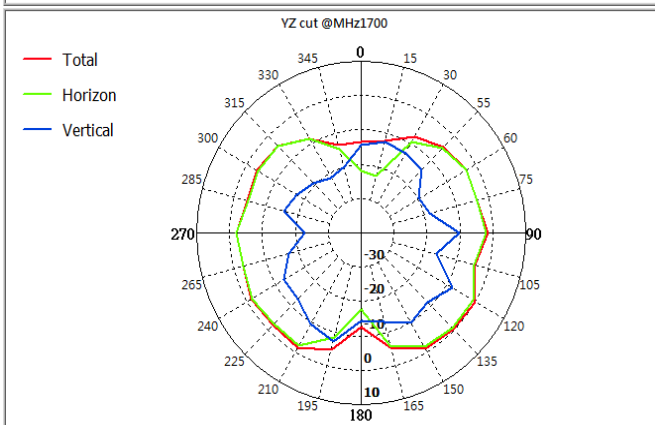
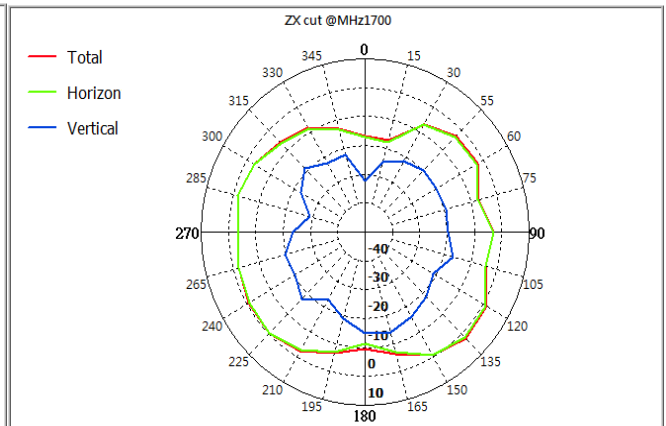
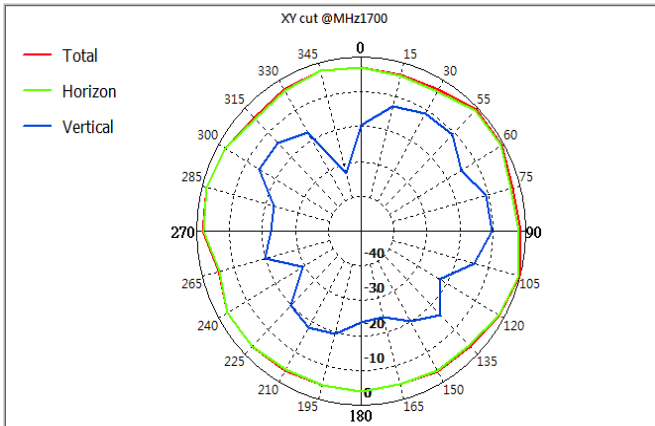


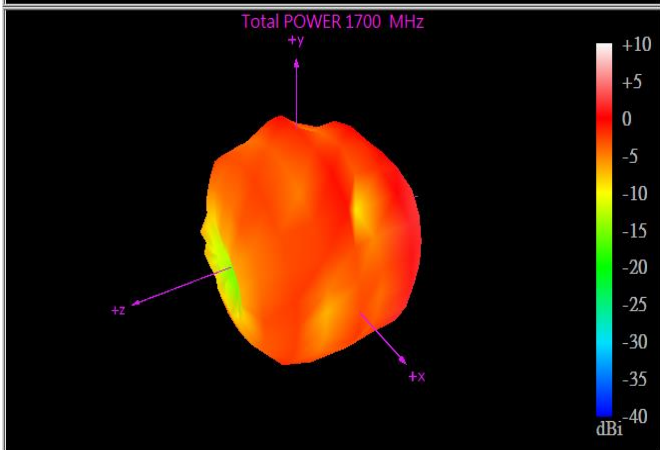
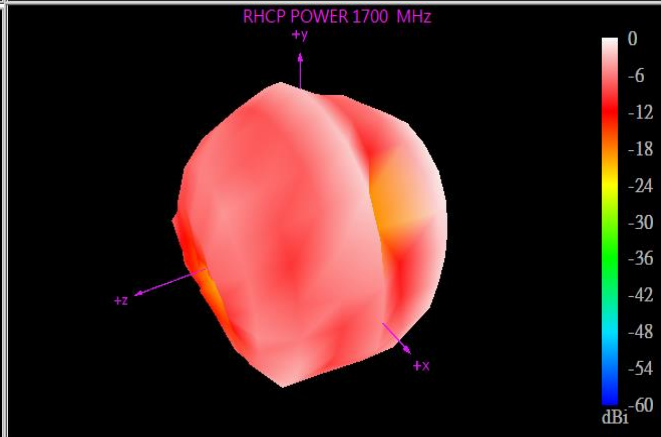
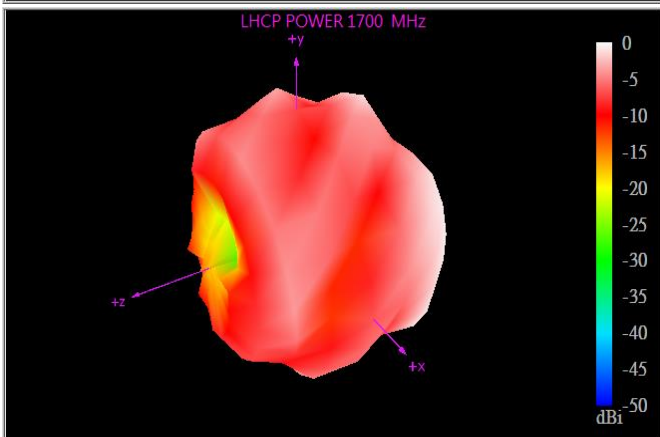
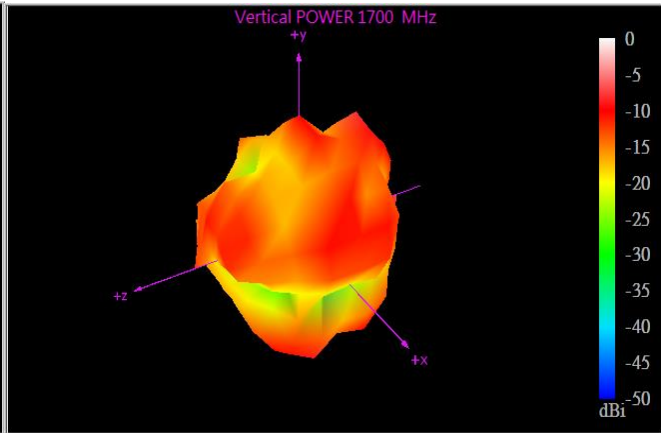
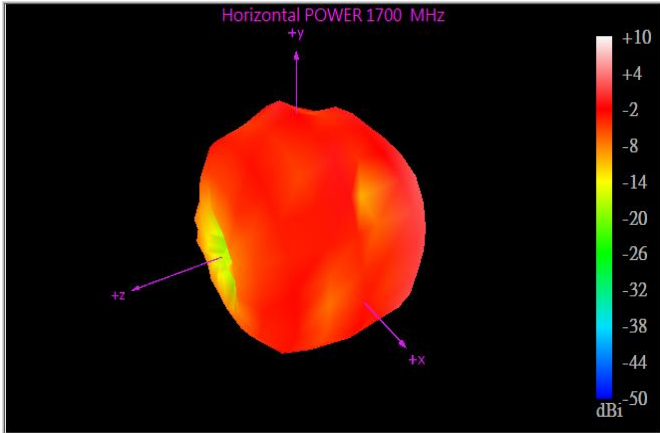
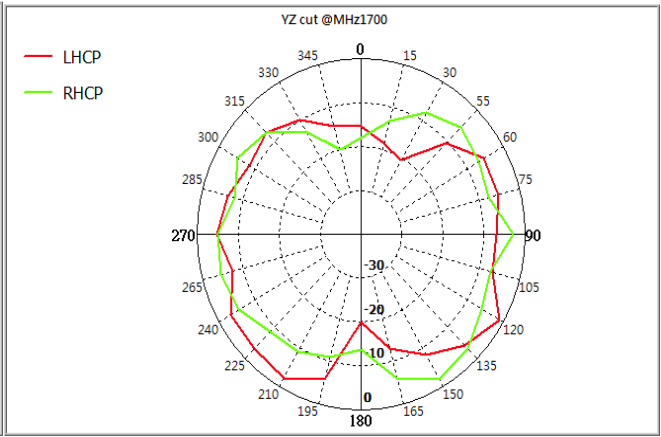
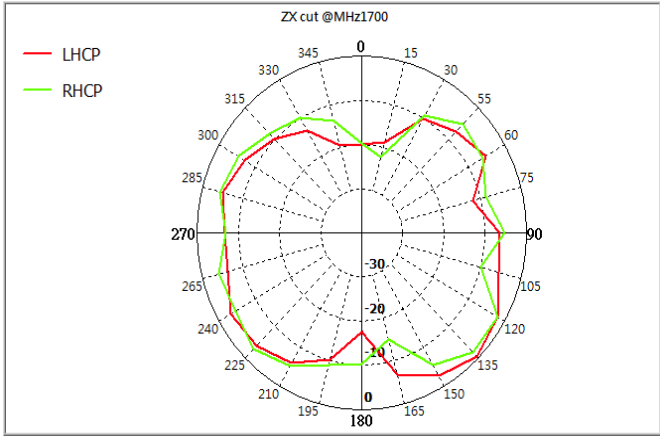
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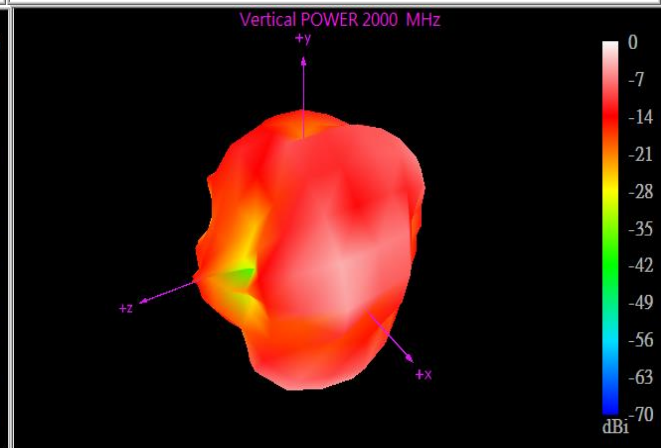
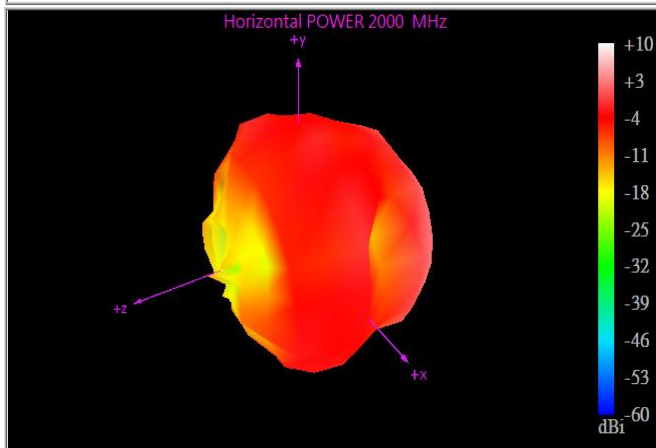
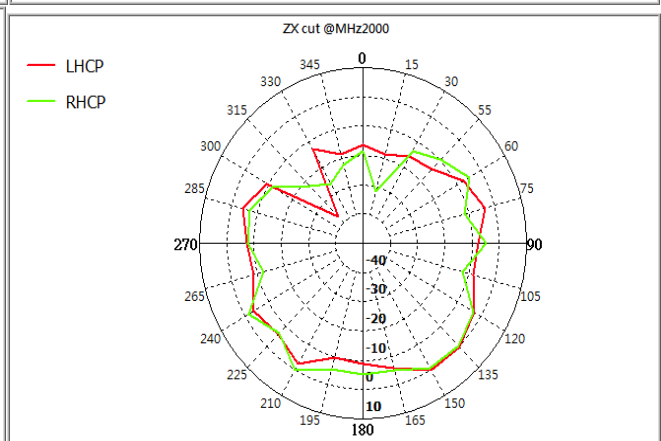
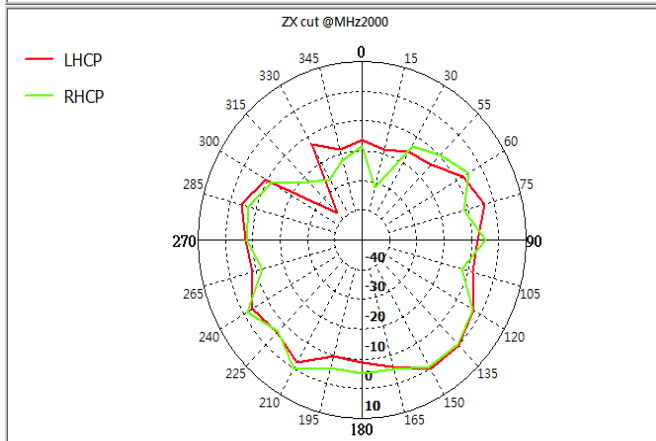
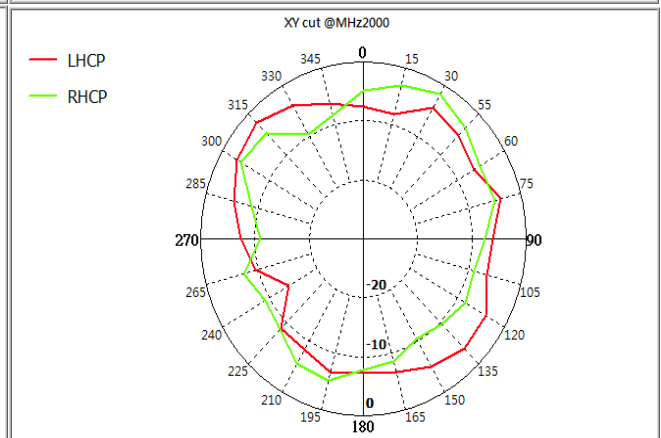
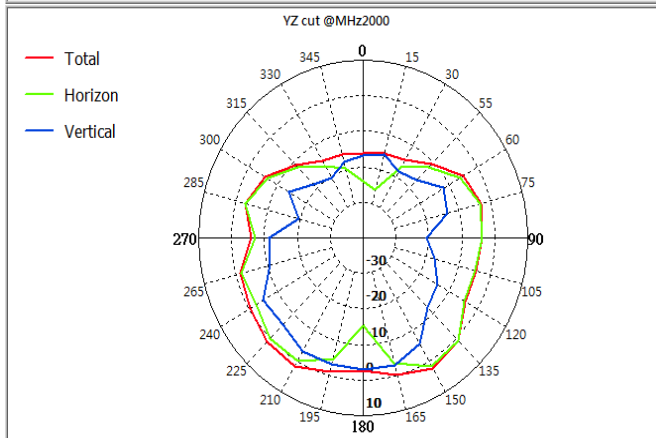
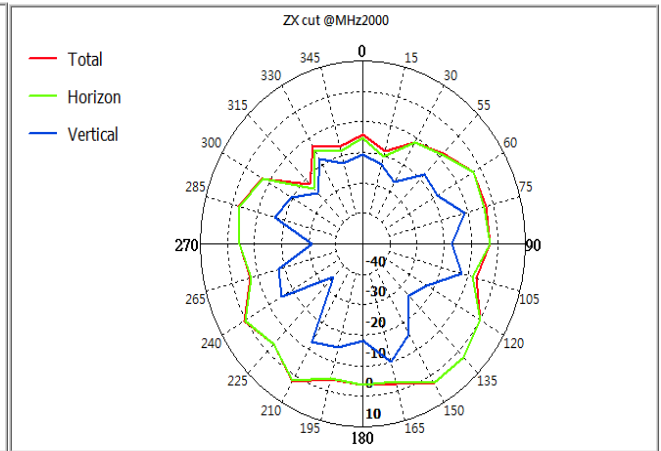
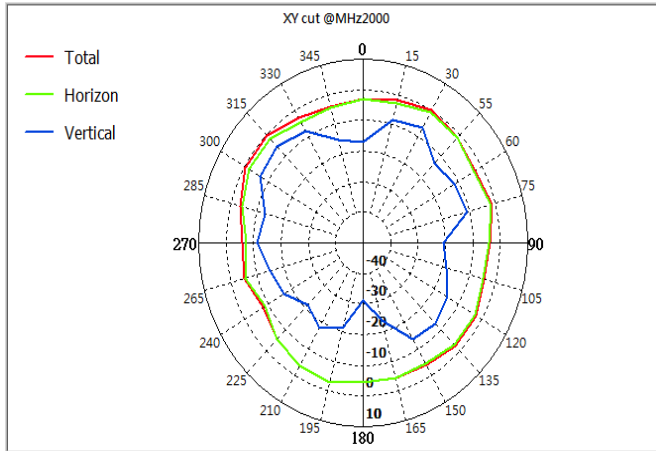


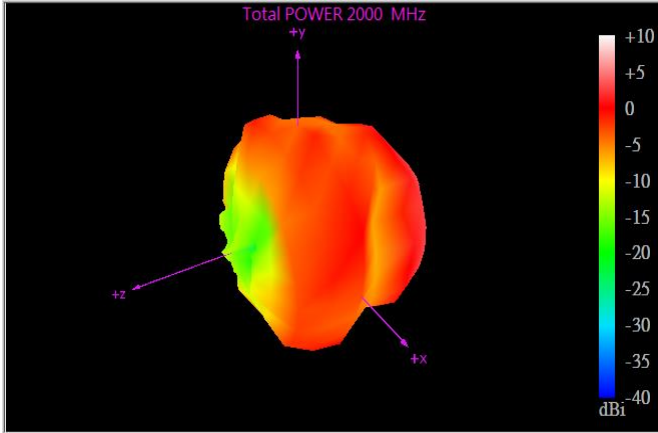
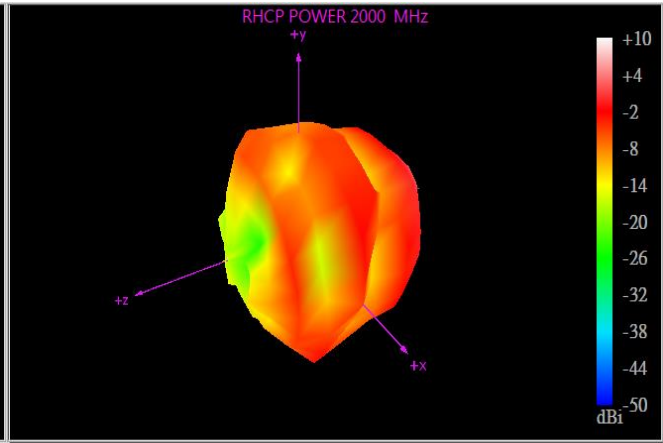
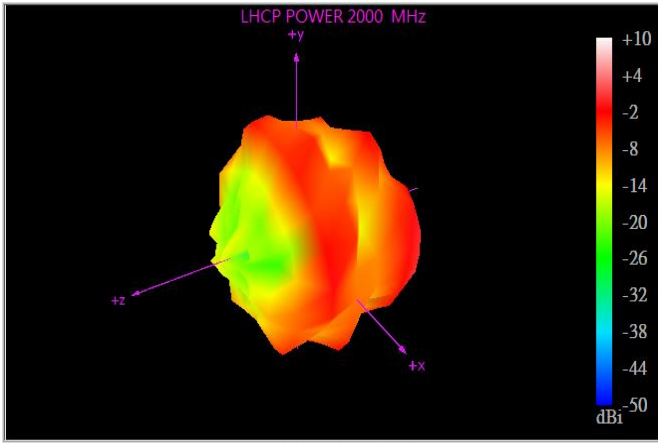
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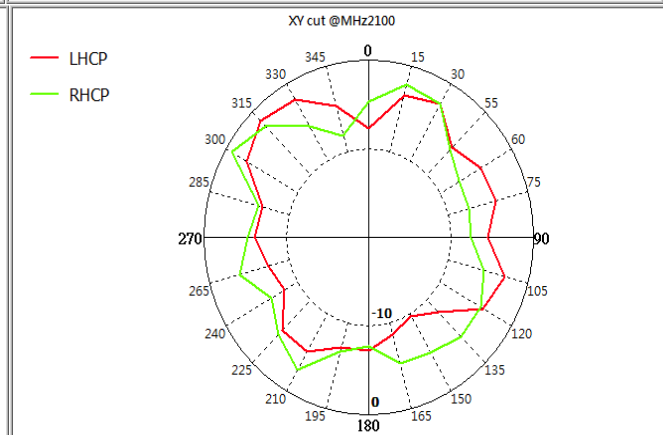
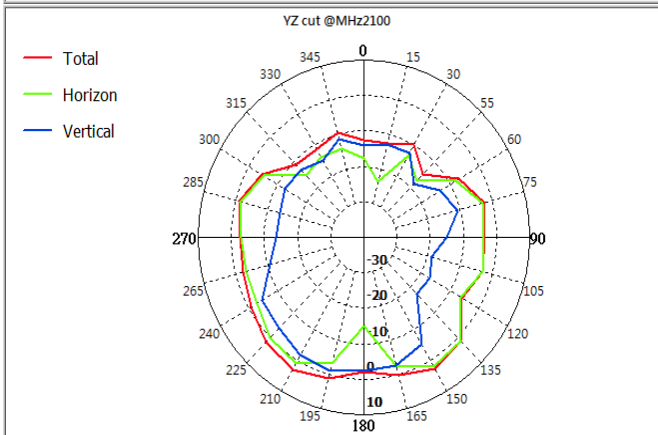
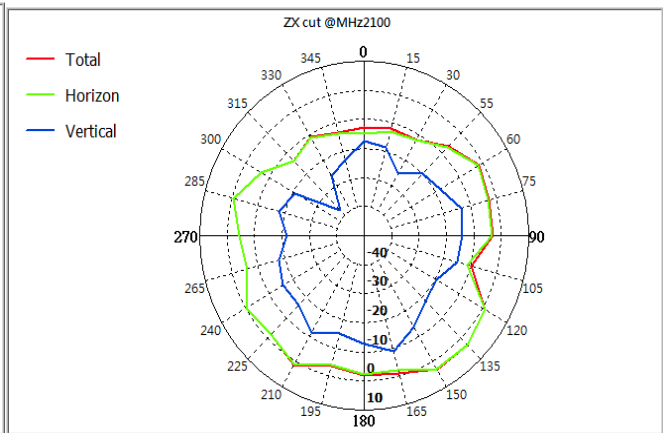
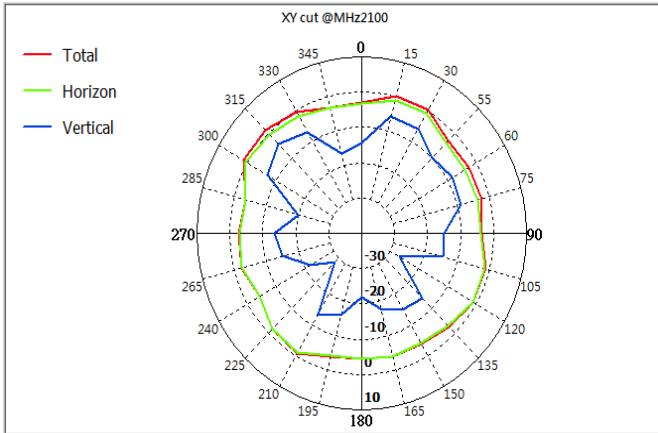


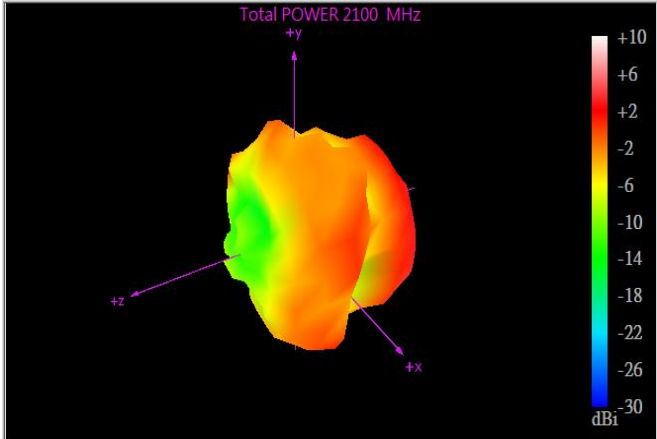
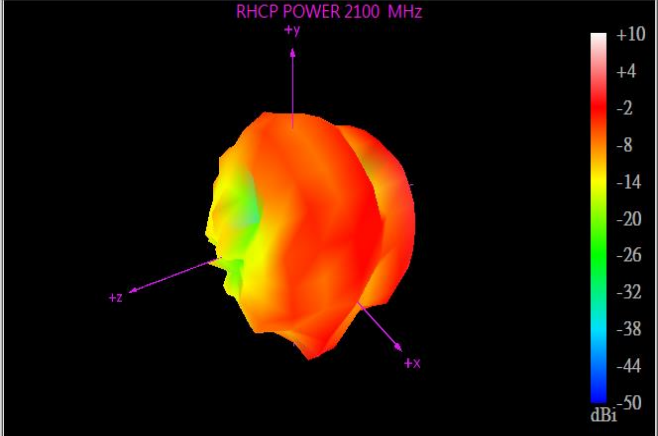
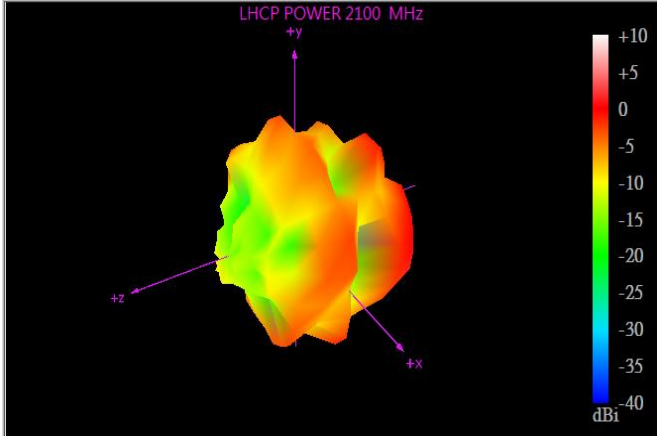
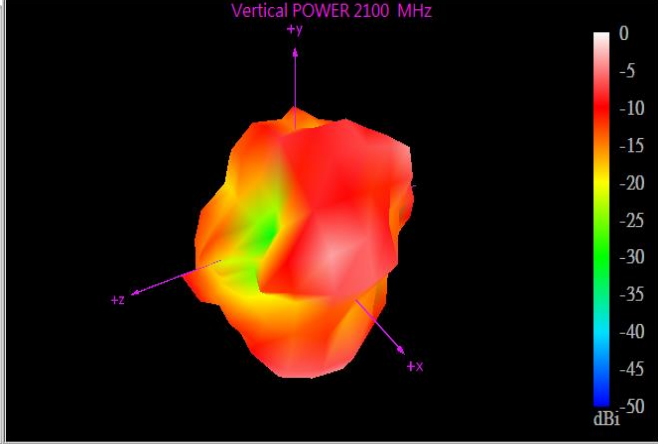
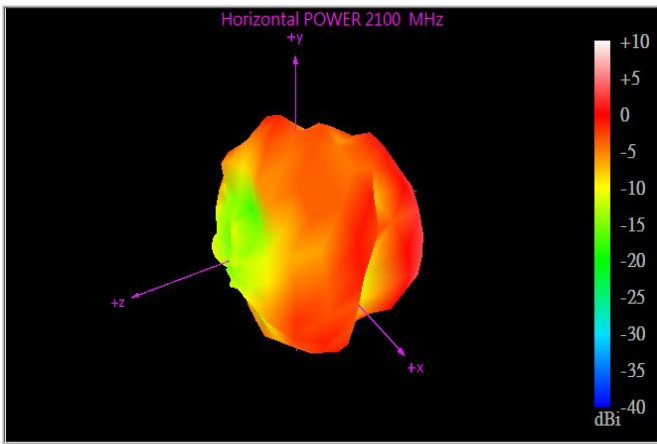
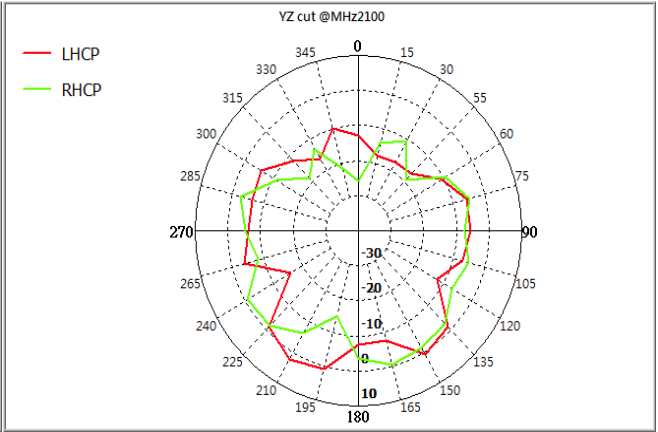
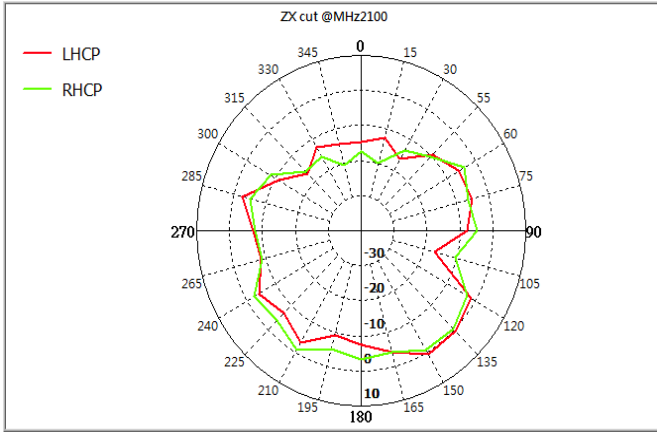
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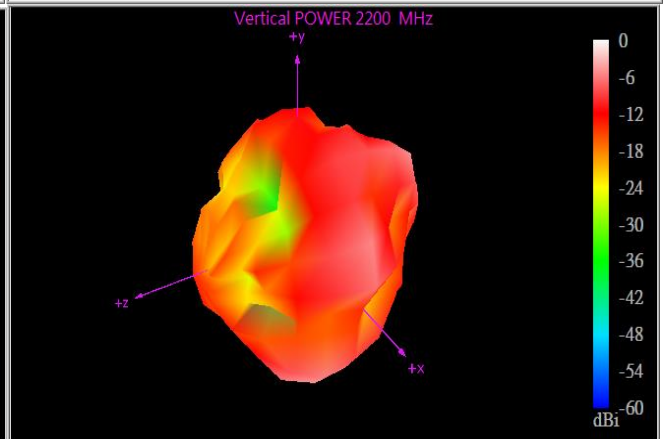
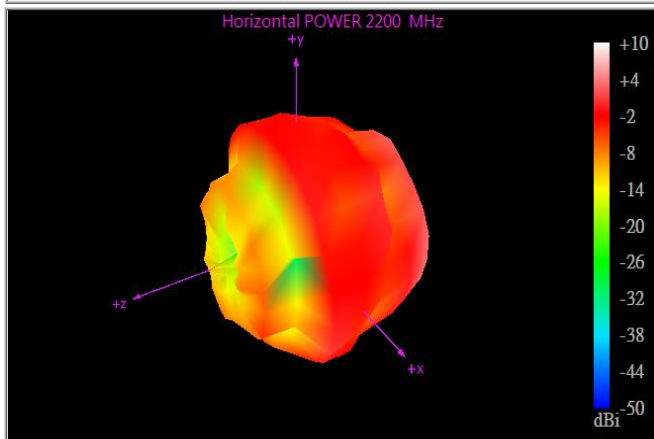
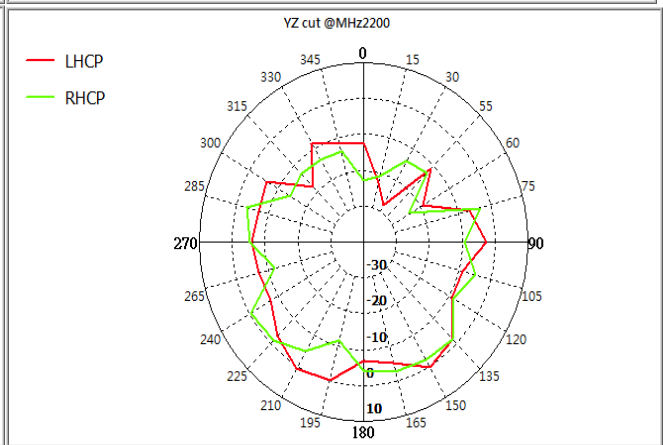
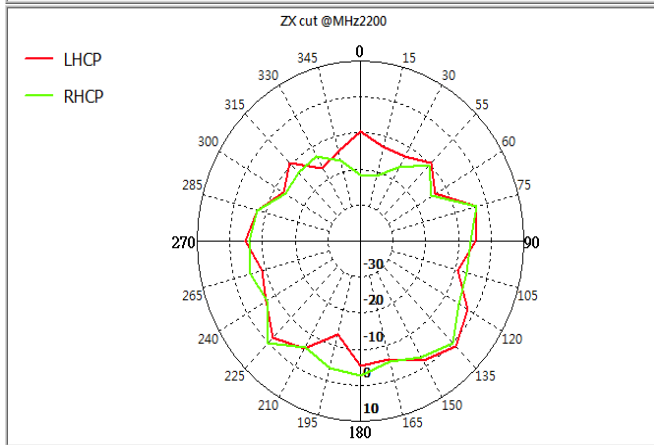
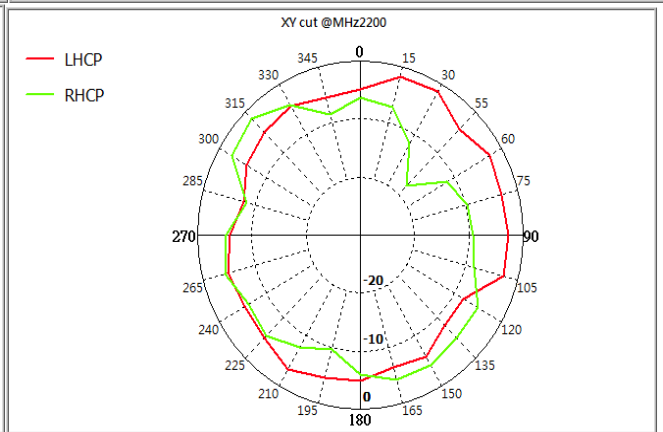
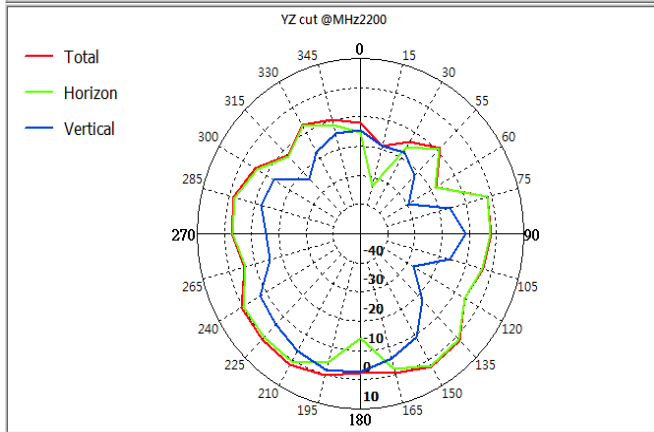
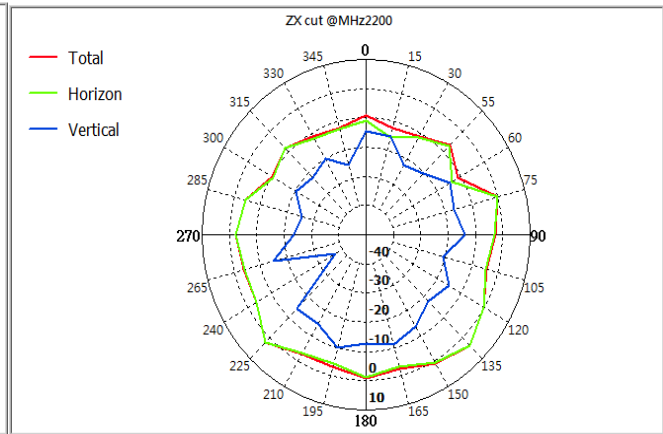
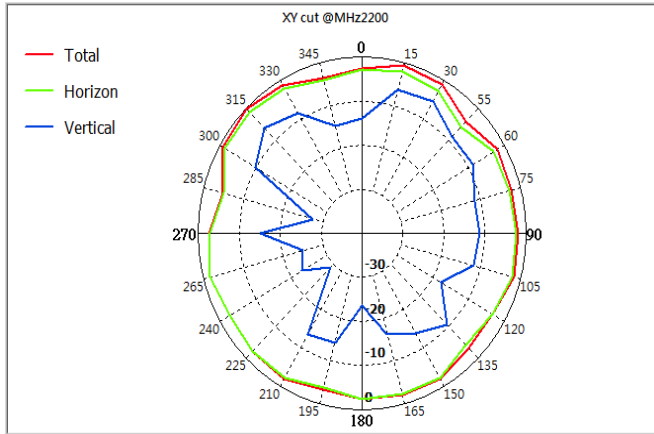


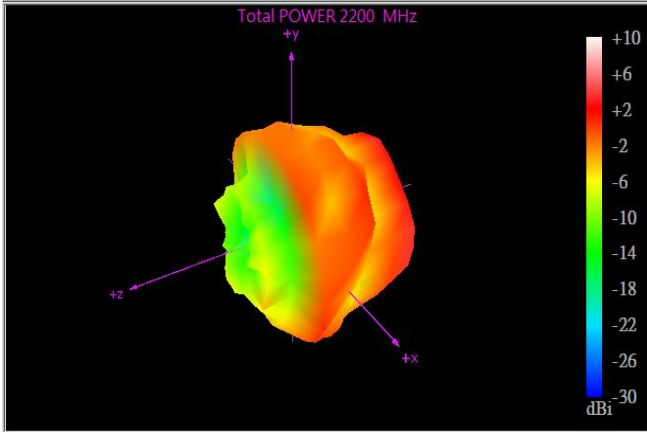
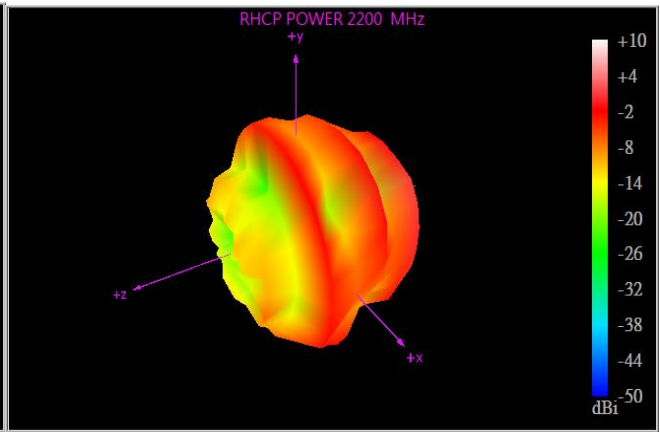
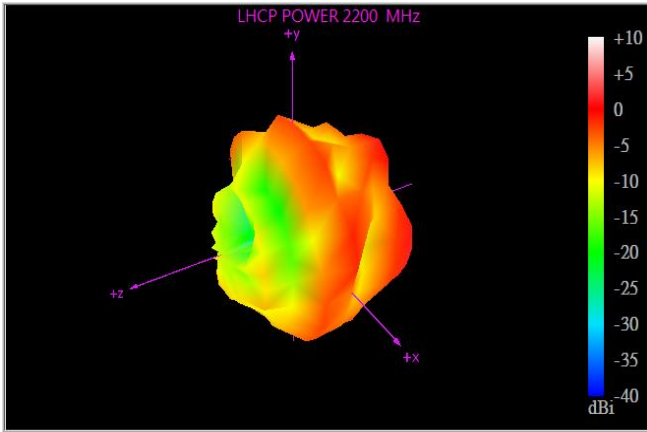
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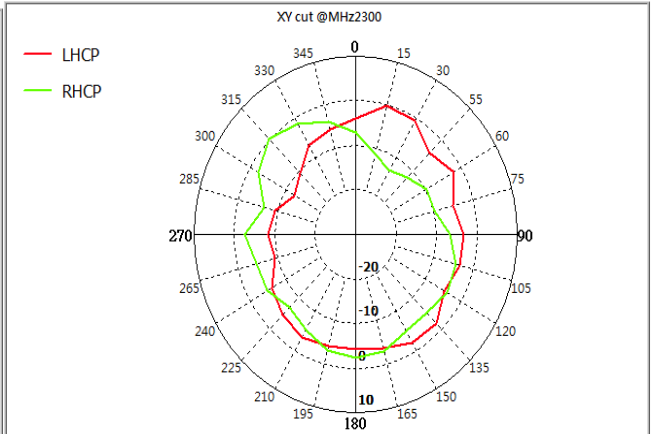
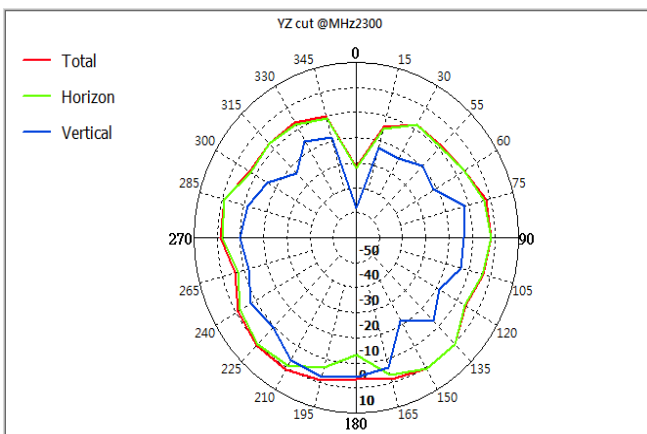
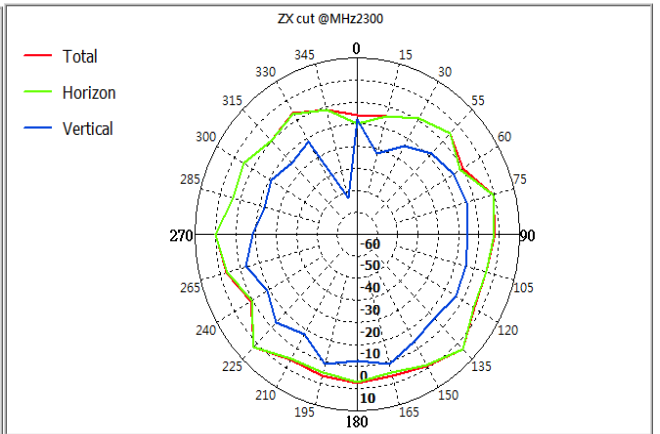
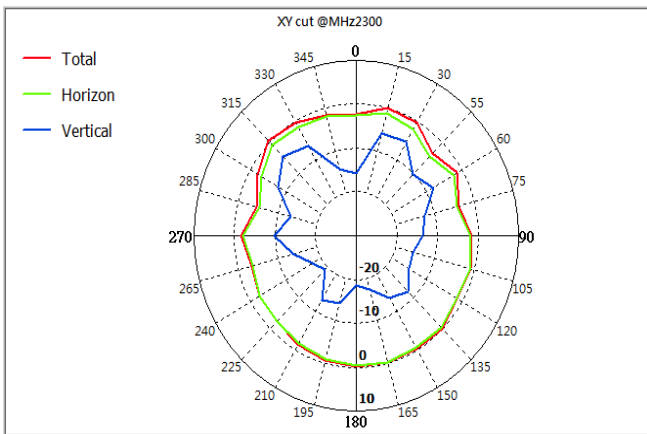


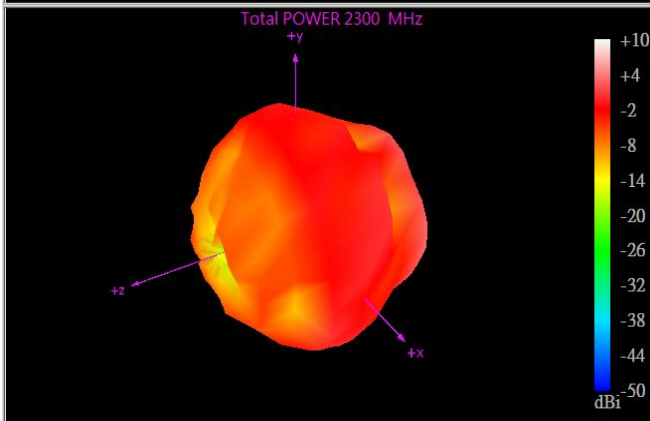
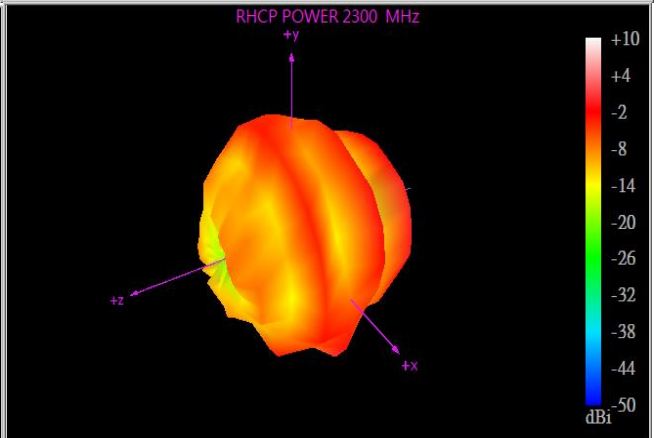
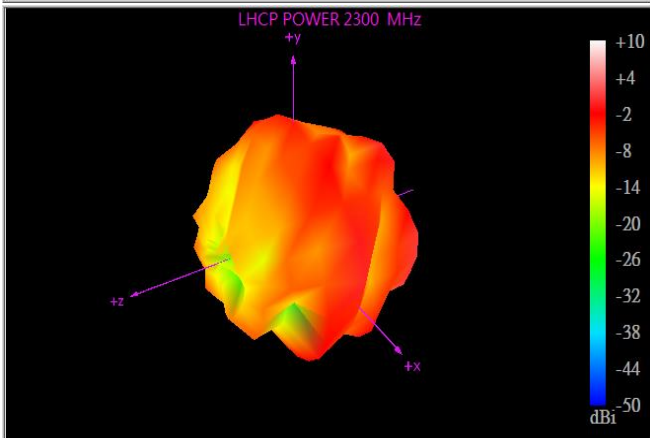
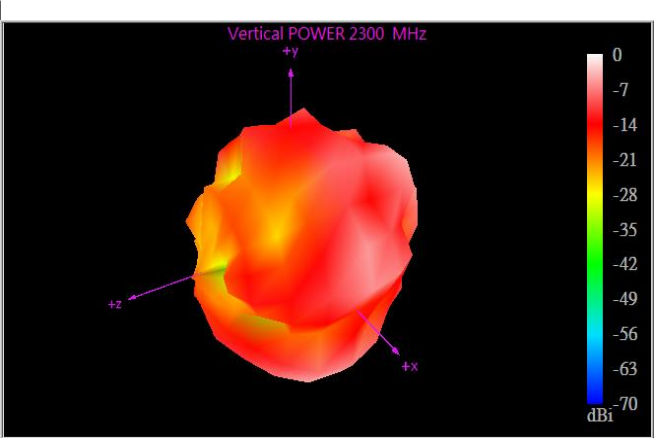
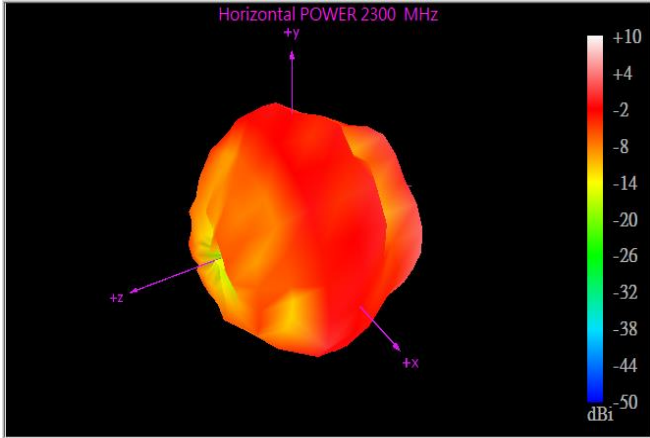
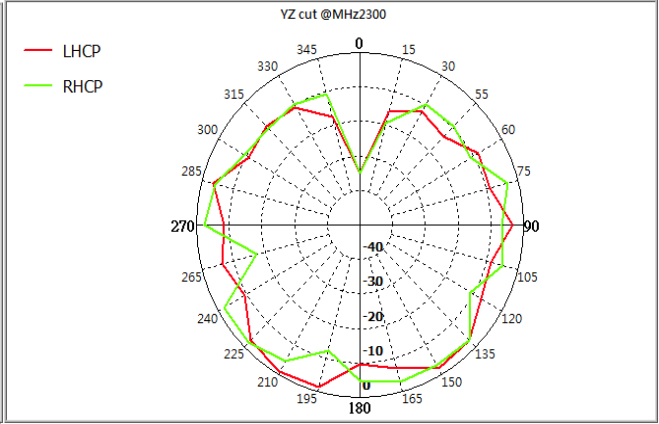
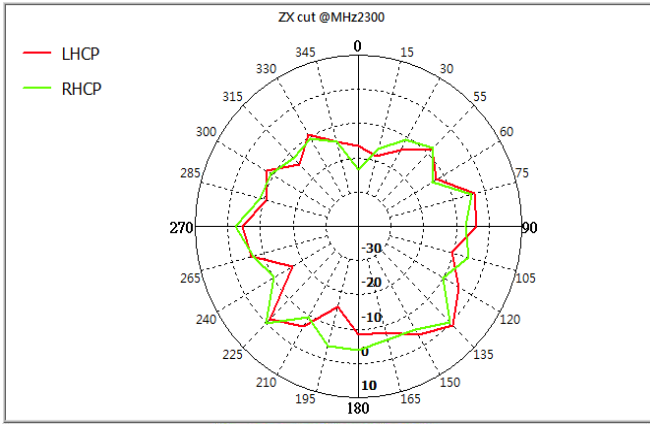
2200MHz:



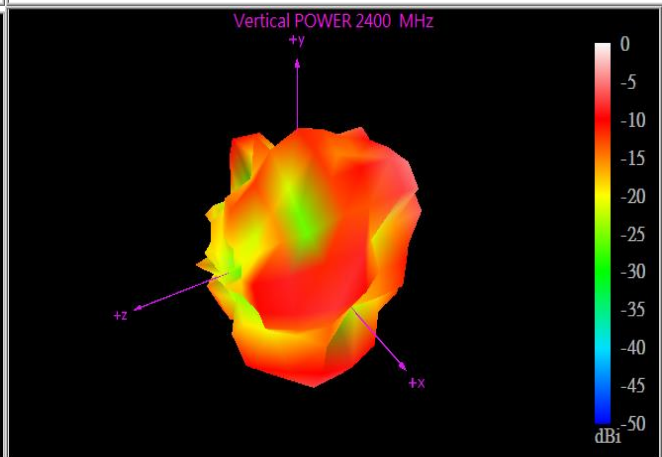
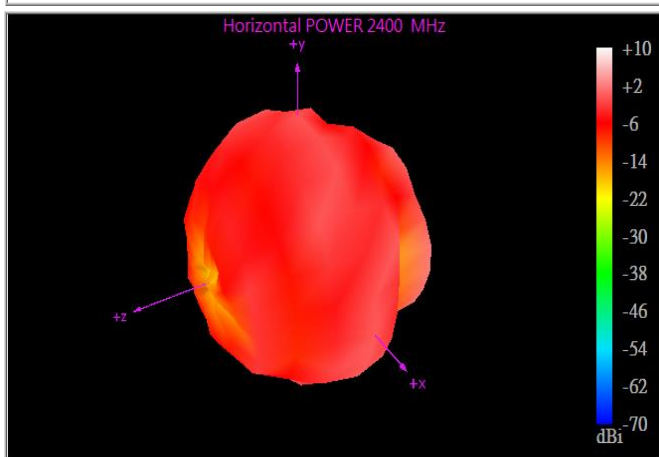
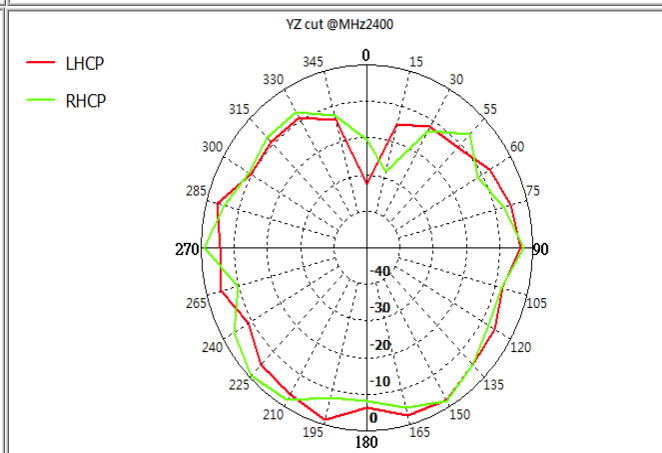
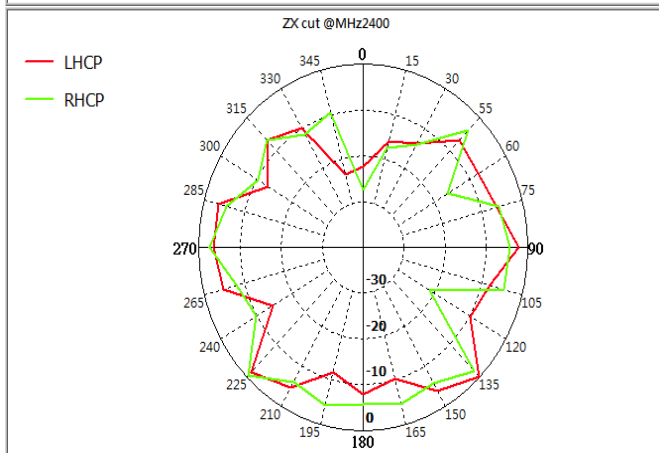
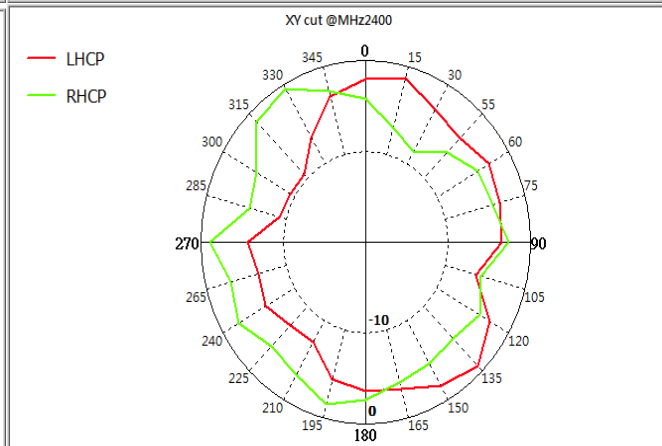
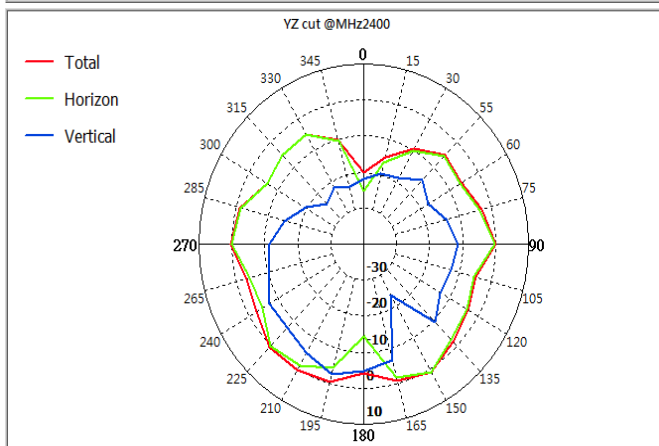
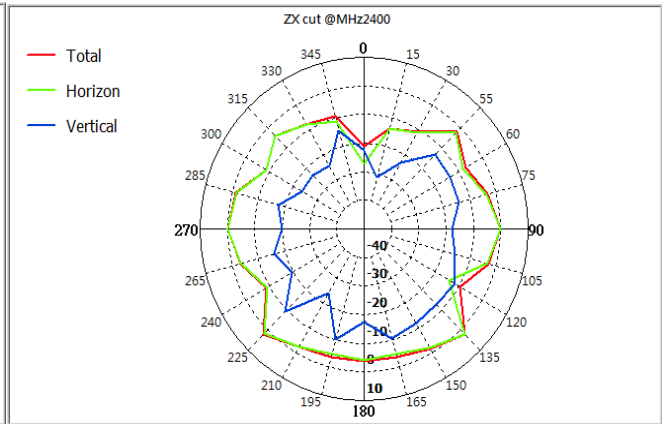
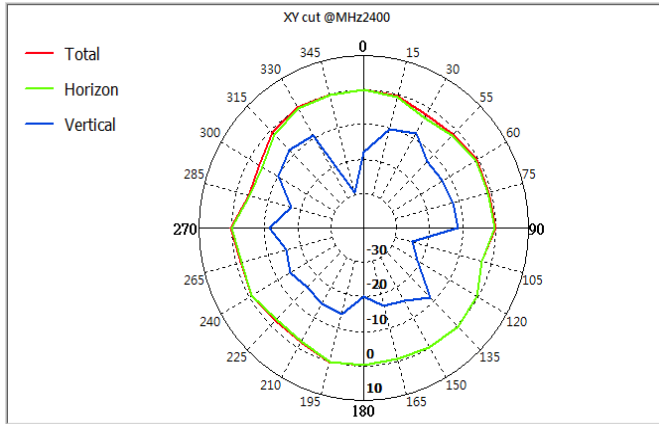


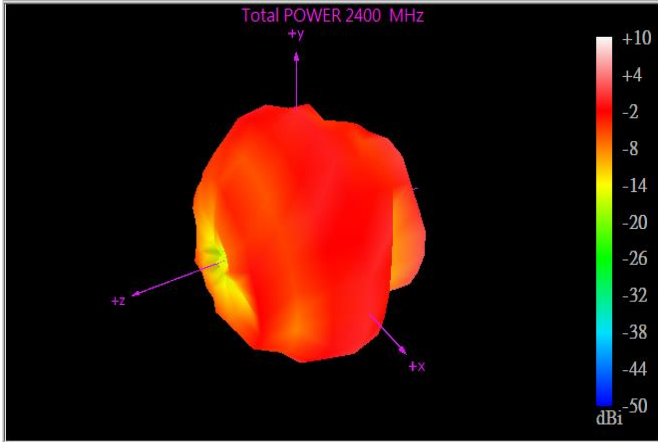
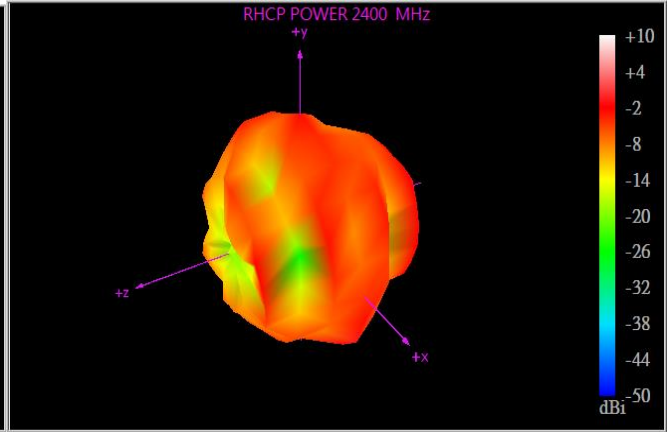
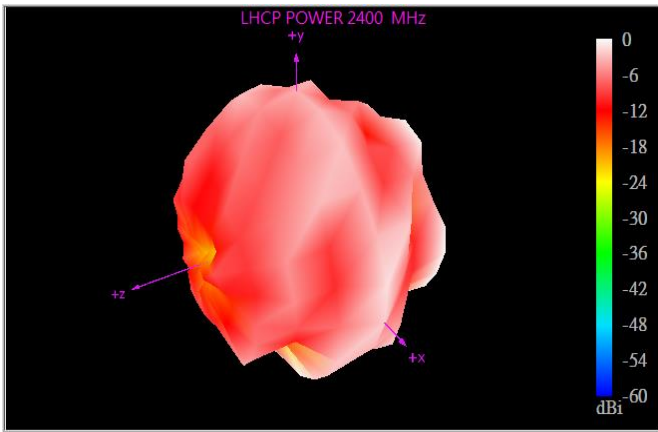
2300MHz:





2400Mhz:





2500MHz:

