

L & 2.4G & S Band Gooseneck Antenna

MODEL: TH-1325A-TNC(M)



1. GENERAL DESCRIPTION

Model No	P/N
TH-1325A	TH1325A-TNC(M)

Below is a table summarizing the antenna design specification.

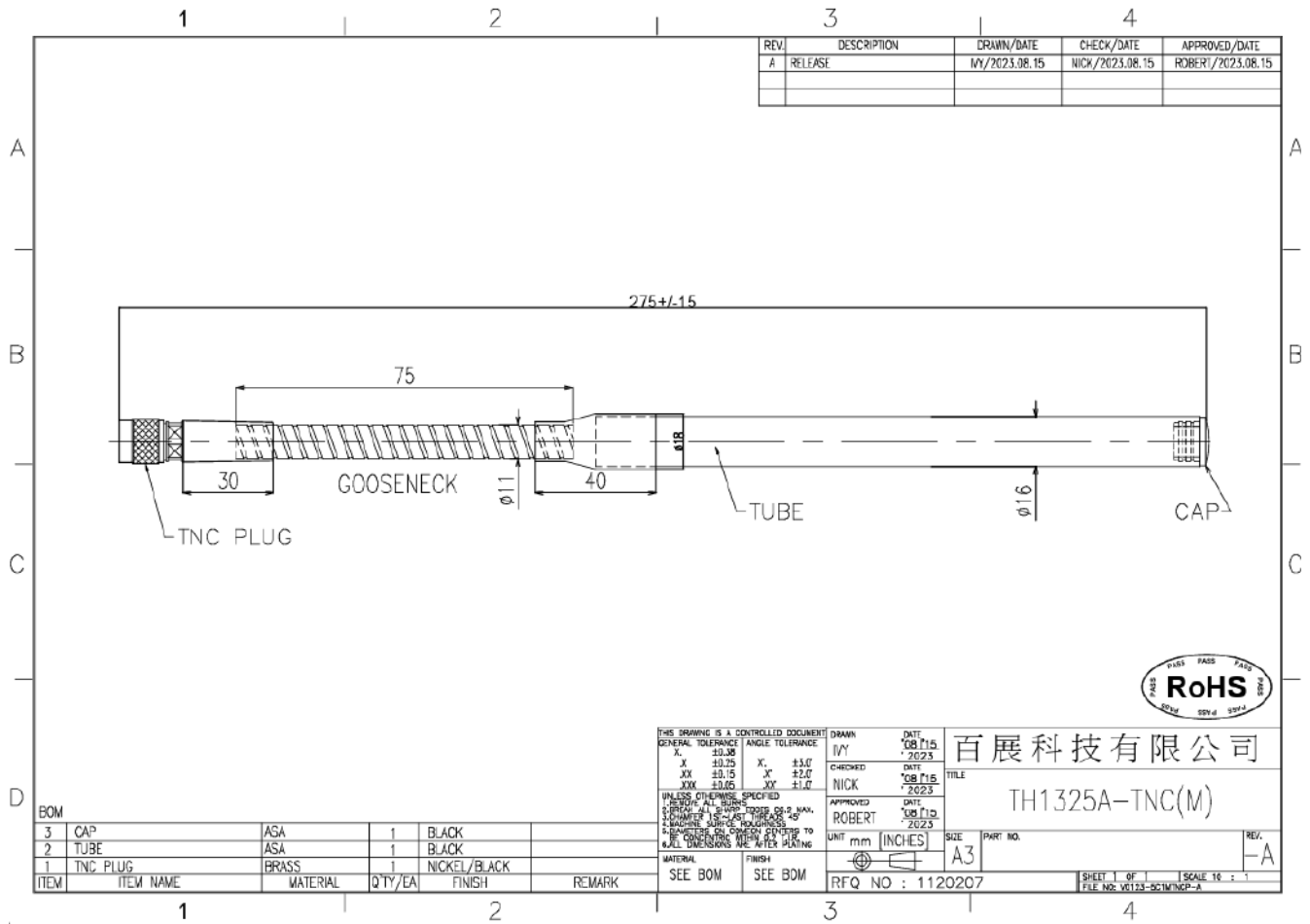
1.1 Electrical Properties

Parameter	Description
Frequency Band	1250~1450MHz & 2.2~2.5Ghz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.5 : 1
Peak Gain	2.5db

1.2 Mechanical Properties

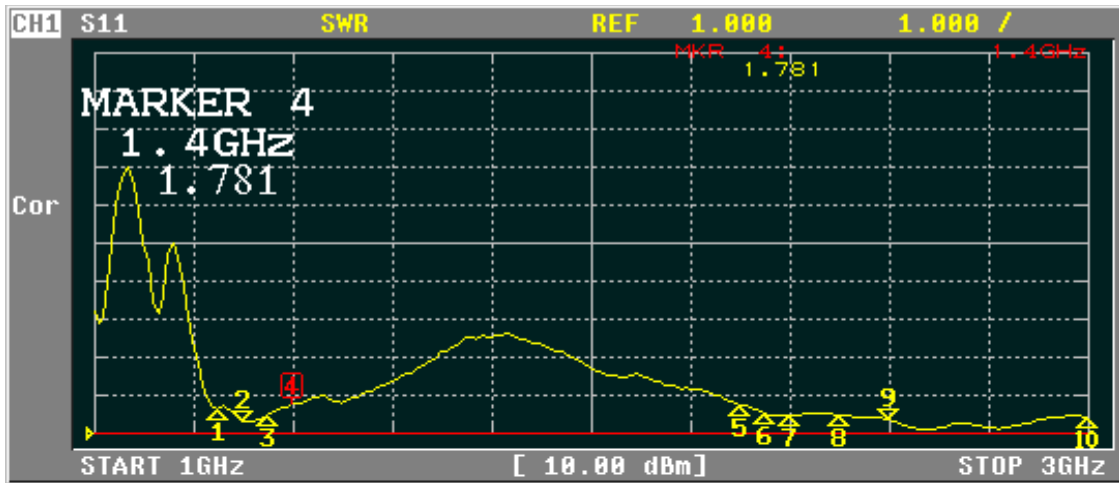
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	TNC(Male)
Antenna Dimensions	275mm ±15
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C

2. Appearance



3. Frequency





ACTIVATE MARKER

MARKER 1

MARKER 2

MARKER 3

MARKER 4

MARKER 5

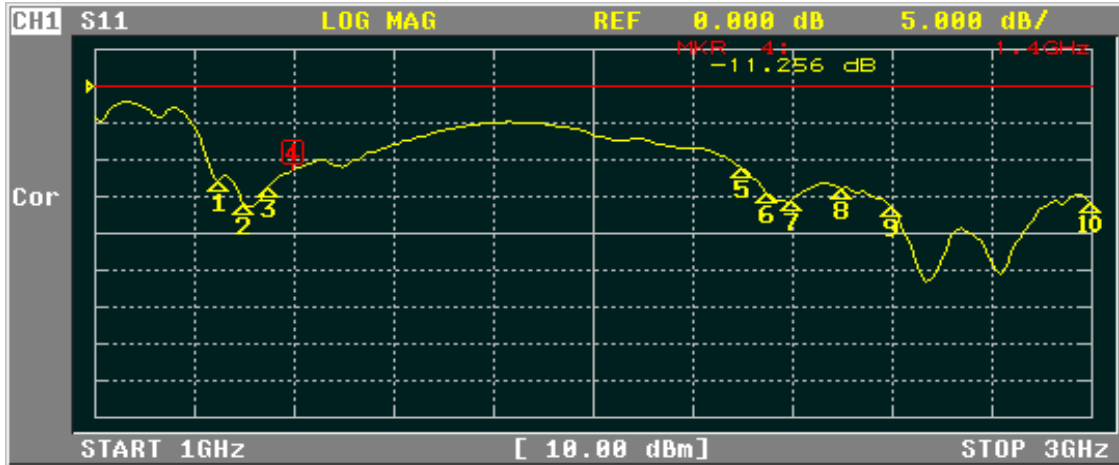
ACTIVATE MKR OFF

Return

More 1/2

CH1 MARKER LIST

1:	1.250 000GHz	1.646
2:	1.300 000GHz	1.321
3:	1.350 000GHz	1.479
4:	1.400 000GHz	1.780
5:	2.300 000GHz	1.753
6:	2.350 000GHz	1.521
7:	2.400 000GHz	1.450
8:	2.500 000GHz	1.467
9:	2.600 000GHz	1.348
10:	3.000 000GHz	1.415



FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

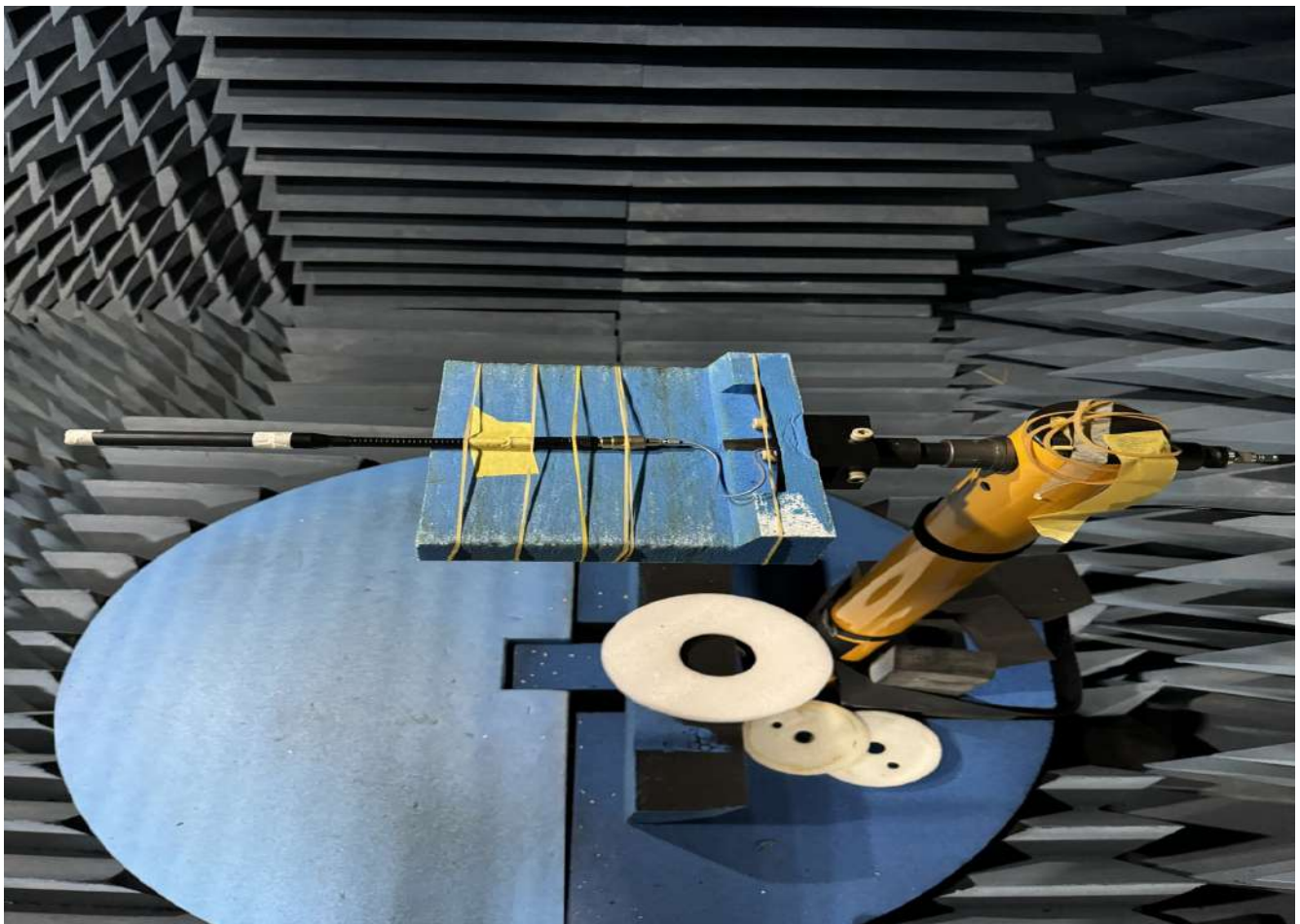
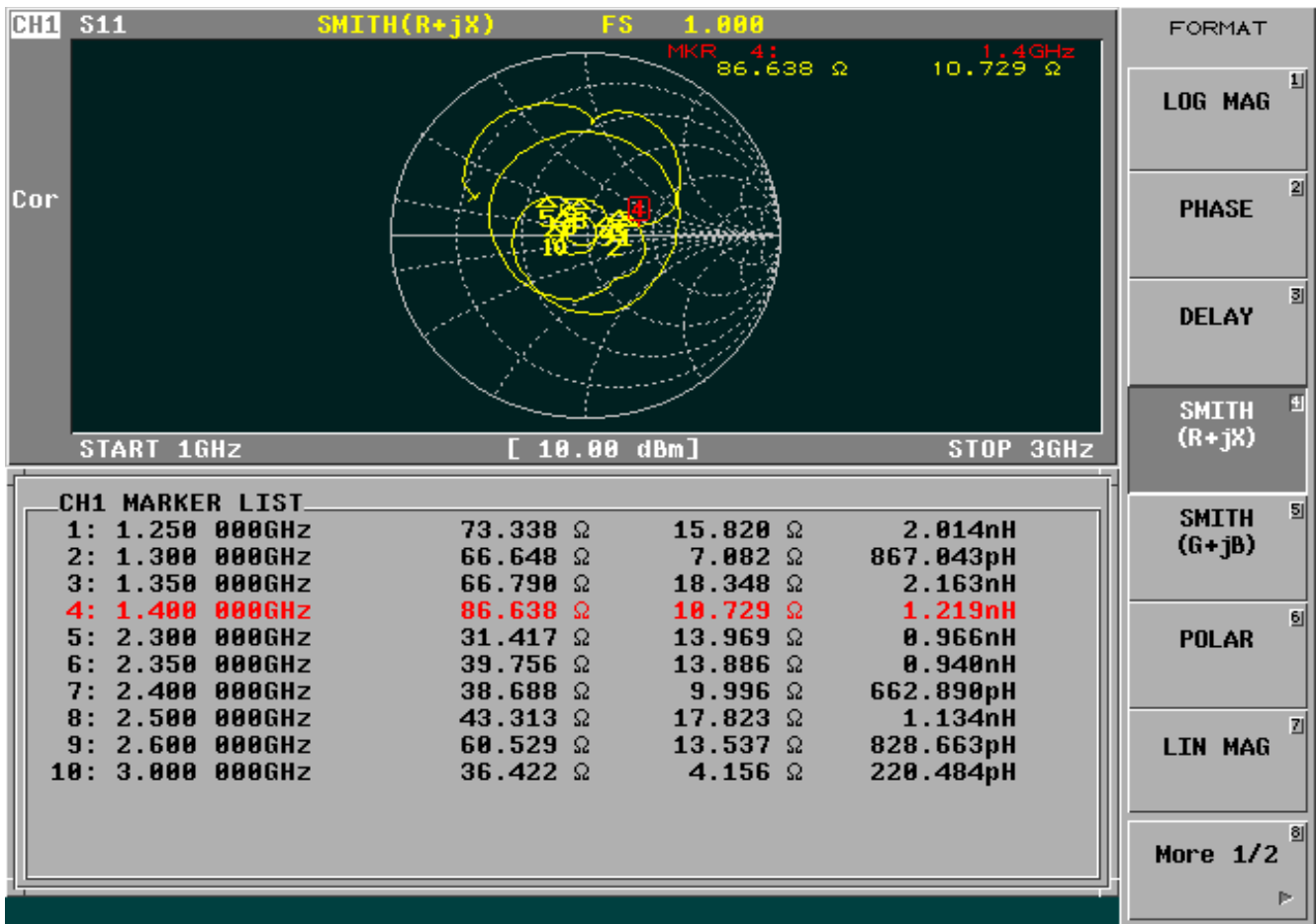
POLAR

LIN MAG

More 1/2

CH1 MARKER LIST

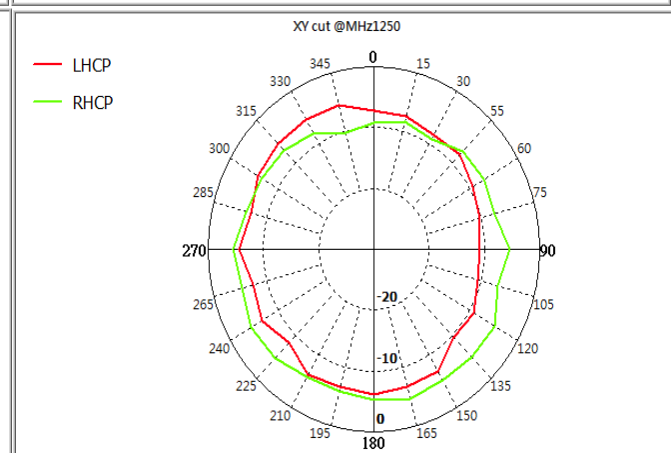
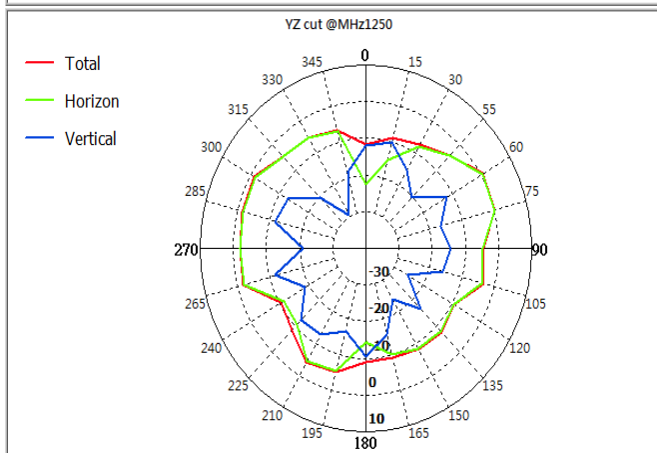
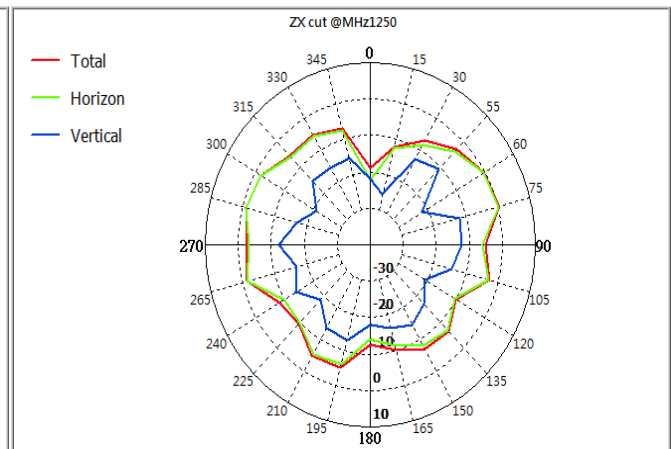
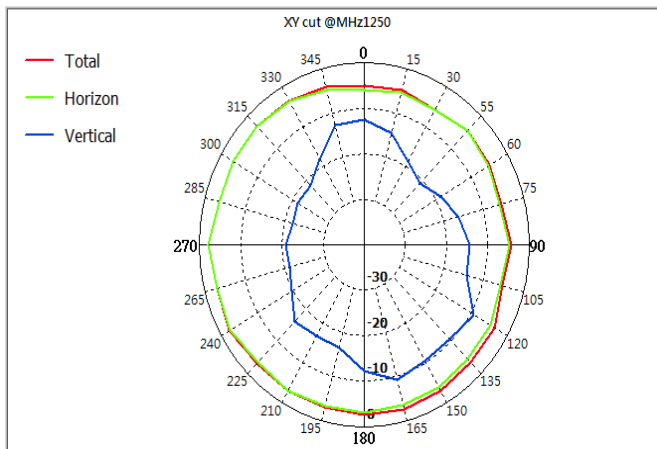
1:	1.250 000GHz	-12.805 dB
2:	1.300 000GHz	-15.963 dB
3:	1.350 000GHz	-13.724 dB
4:	1.400 000GHz	-11.257 dB
5:	2.300 000GHz	-11.180 dB
6:	2.350 000GHz	-14.367 dB
7:	2.400 000GHz	-15.391 dB
8:	2.500 000GHz	-13.823 dB
9:	2.600 000GHz	-16.247 dB
10:	3.000 000GHz	-15.677 dB

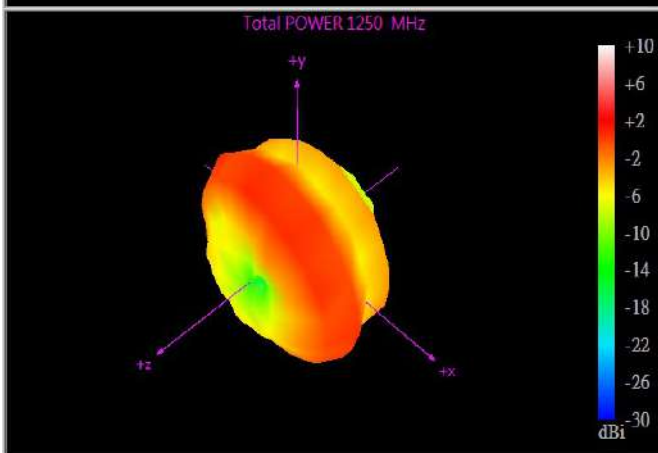
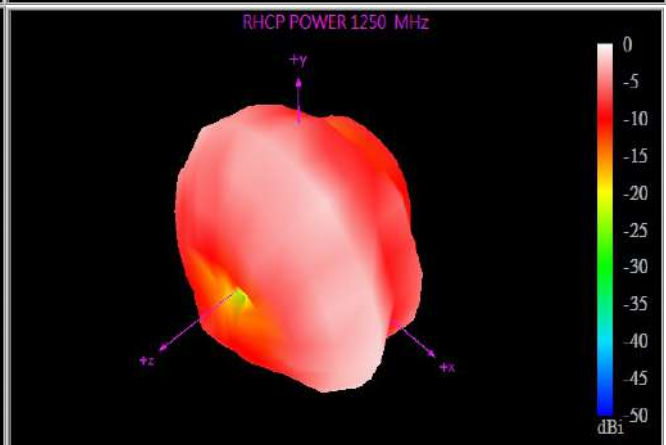
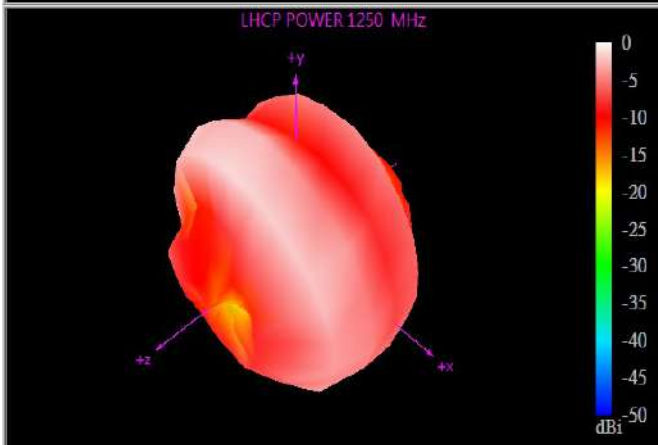
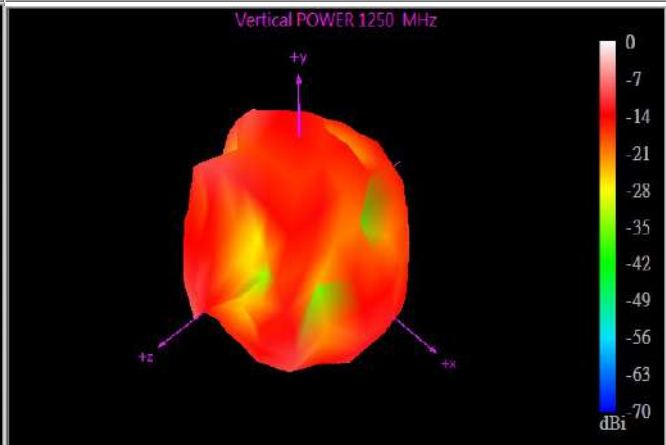
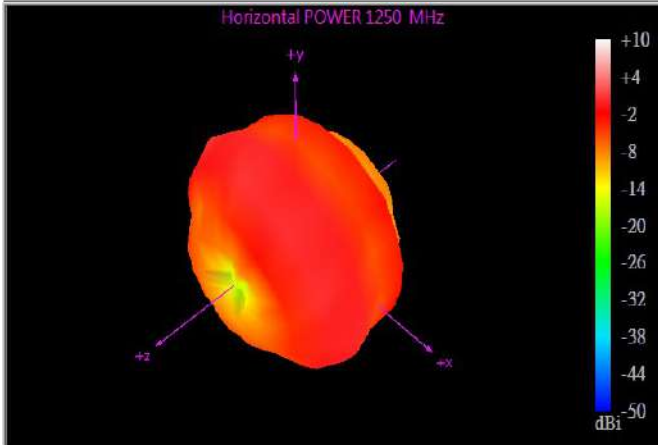
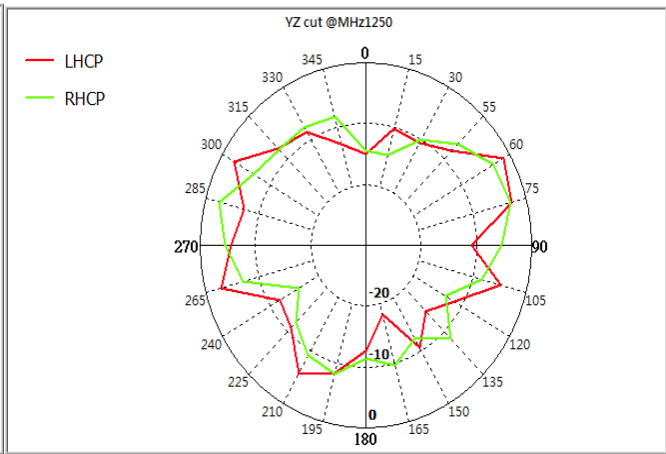
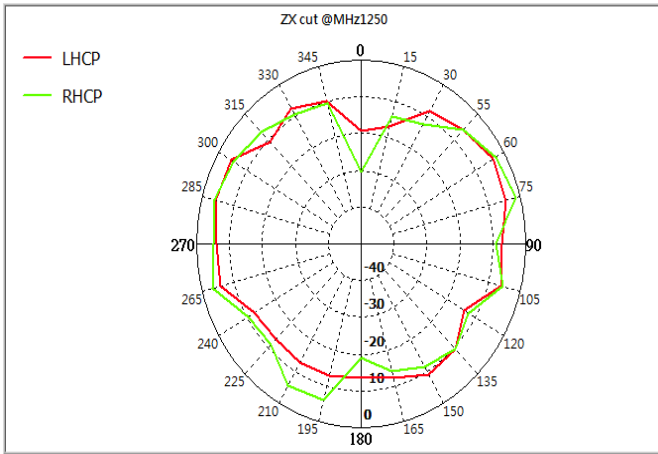


3D Total

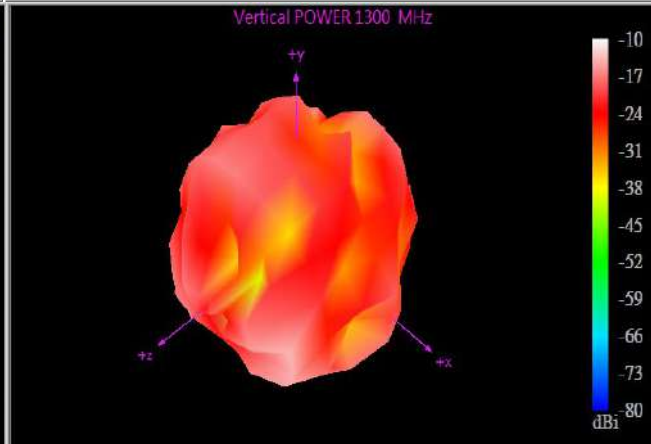
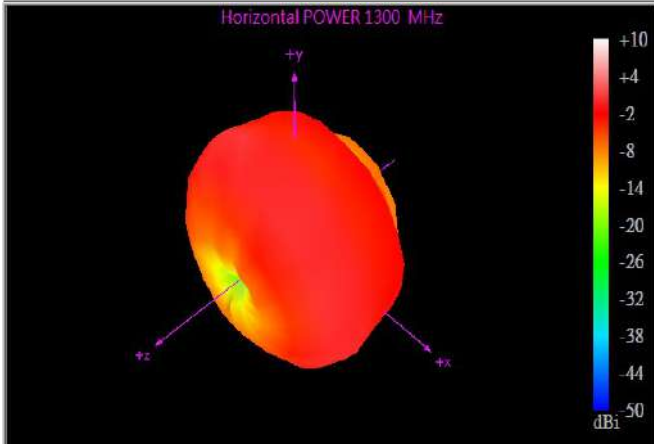
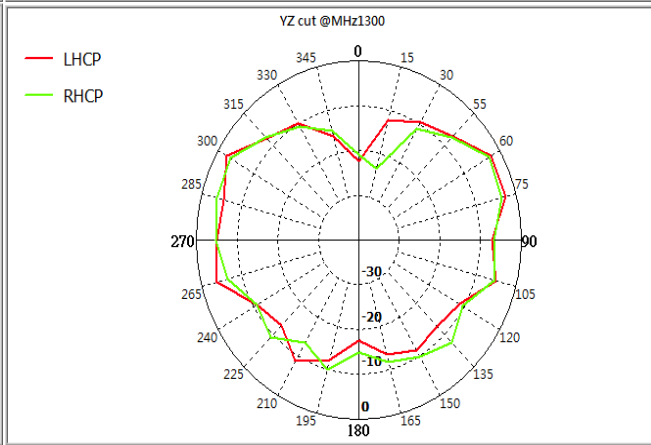
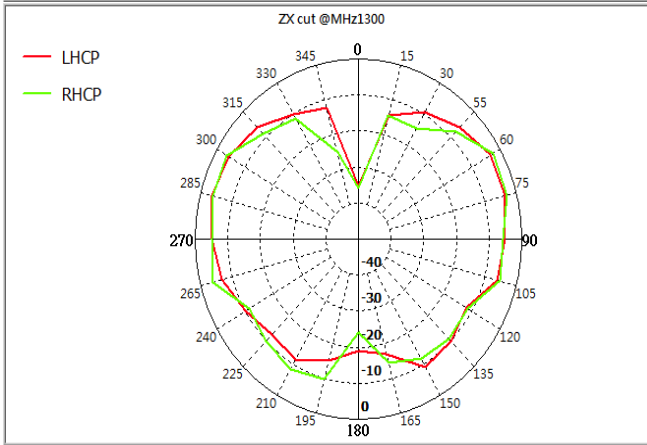
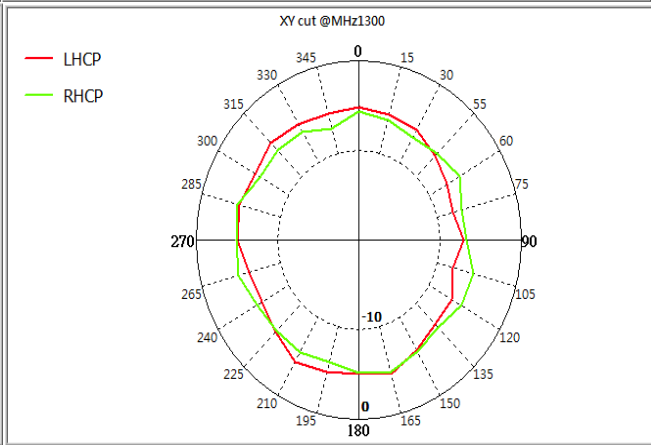
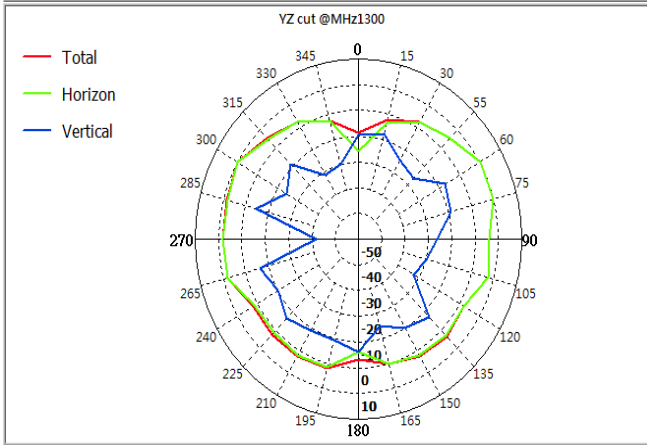
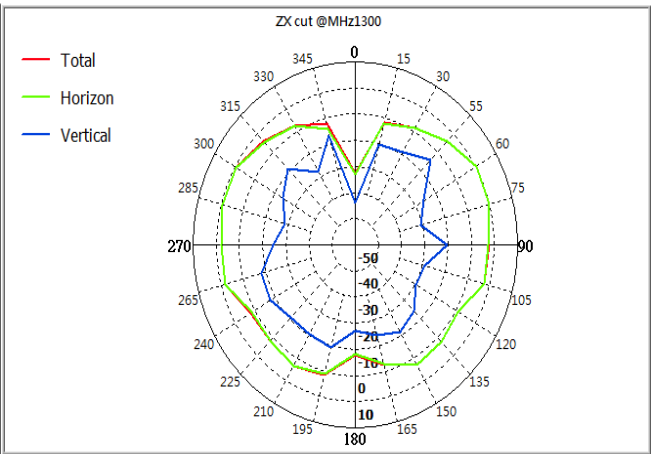
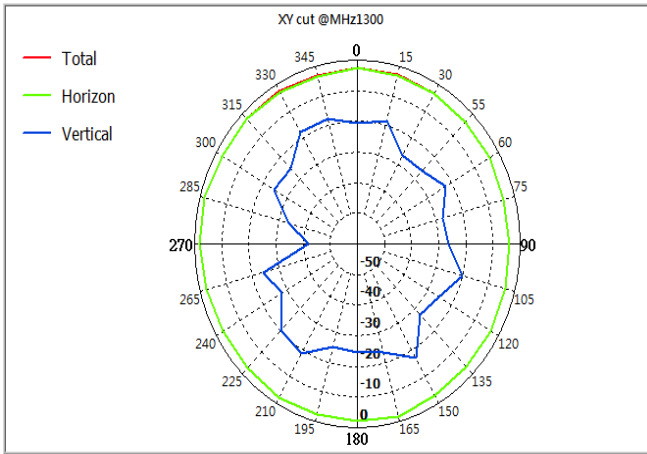
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1250 MHz	-5.61	-8.39	-3.77	41.94	0.80	-3.77
1300 MHz	-5.45	-8.26	-3.62	43.46	0.77	-3.62
1350 MHz	-4.94	-6.71	-2.73	53.36	0.81	-2.73
1400 MHz	-5.24	-6.56	-2.84	52.03	0.93	-2.84
1450 MHz	-6.85	-8.11	-4.42	36.12	-0.51	-4.42
1500 MHz	-5.99	-9.07	-4.25	37.59	-0.86	-4.25
2200 MHz	-4.05	-9.84	-3.03	49.76	1.26	-3.03
2250 MHz	-4.38	-11.63	-3.63	43.30	1.72	-3.63
2300 MHz	-4.29	-12.94	-3.74	42.32	2.07	-3.74
2350 MHz	-3.75	-12.59	-3.22	47.68	2.48	-3.22
2400 MHz	-4.16	-11.34	-3.40	45.73	2.41	-3.40
2450 MHz	-4.58	-10.01	-3.48	44.83	1.32	-3.48
2500 MHz	-4.58	-8.72	-3.16	48.26	1.90	-3.16
2600 MHz	-5.31	-7.58	-3.29	46.90	1.58	-3.29

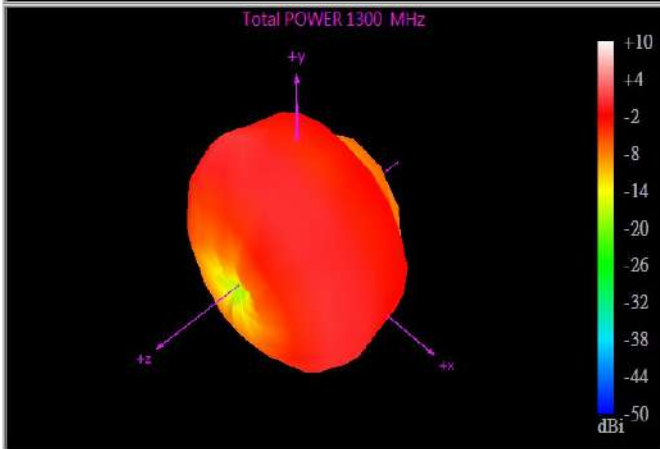
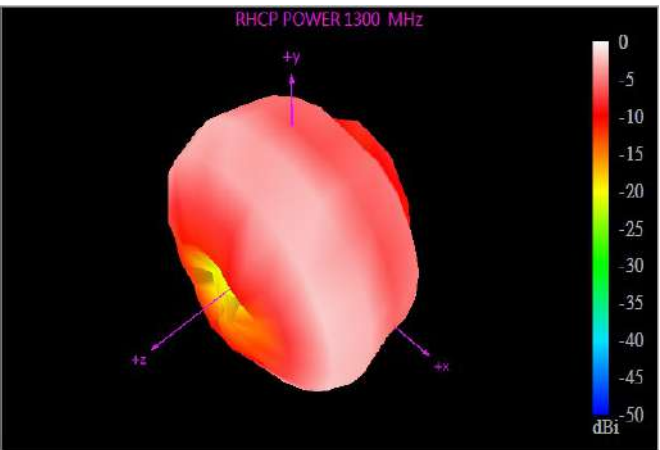
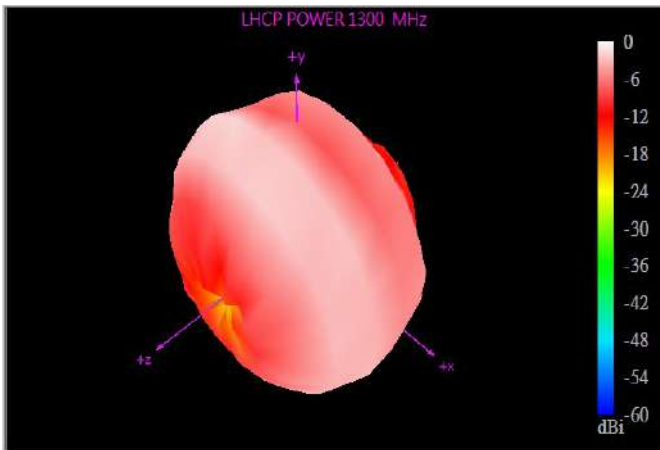
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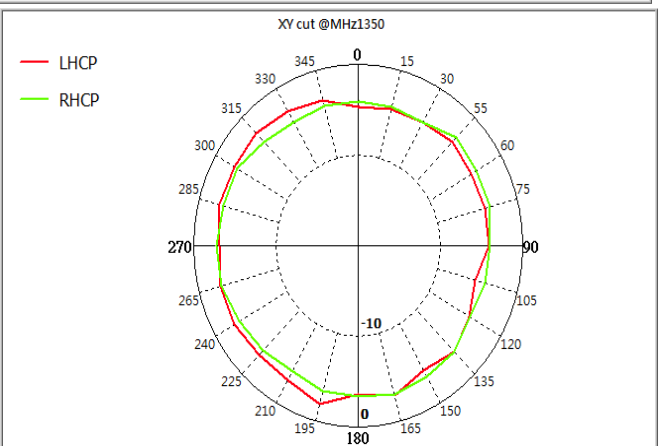
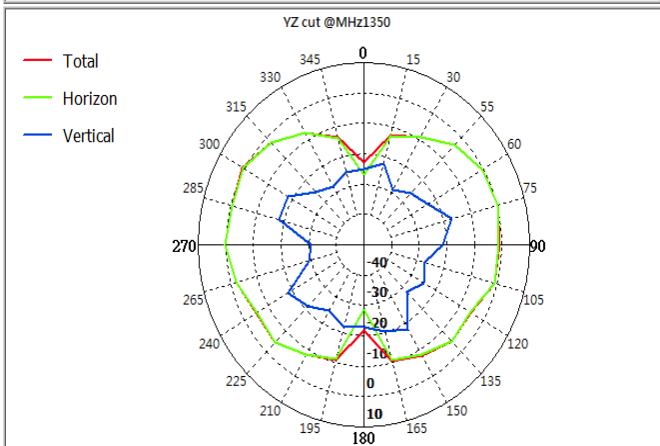
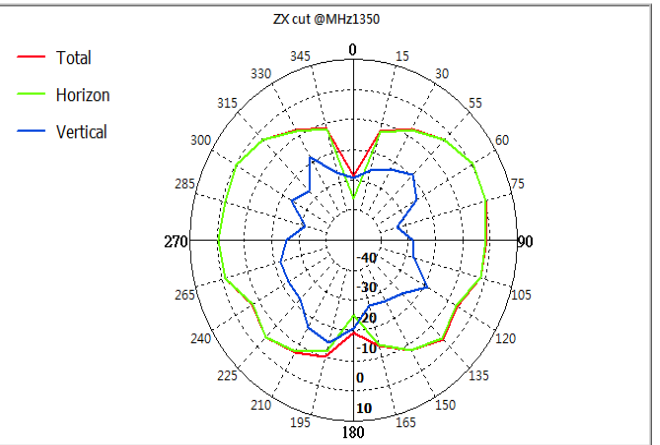
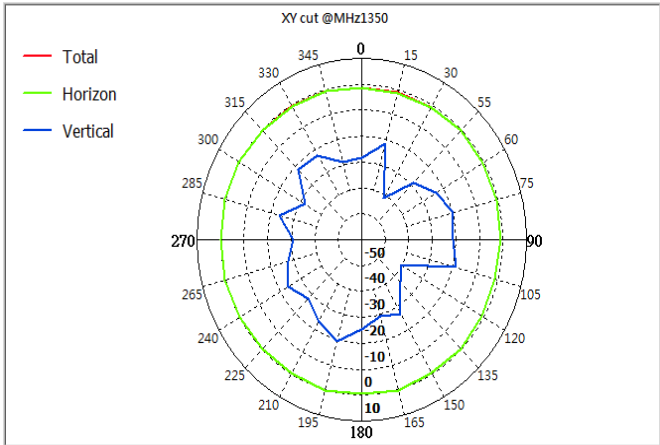


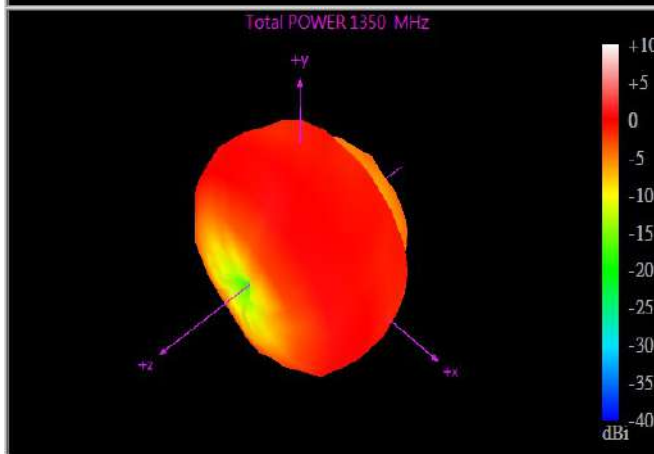
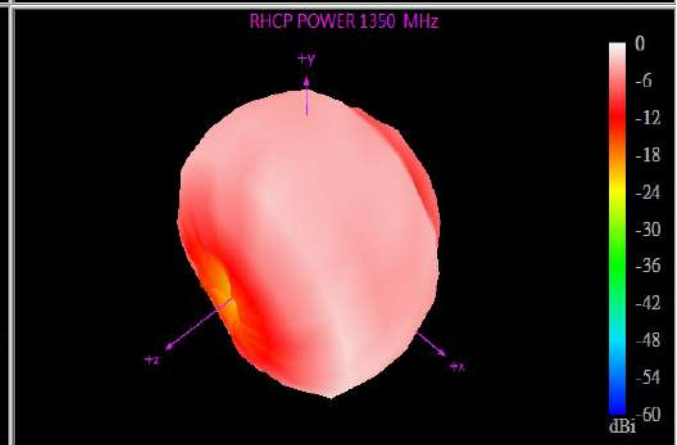
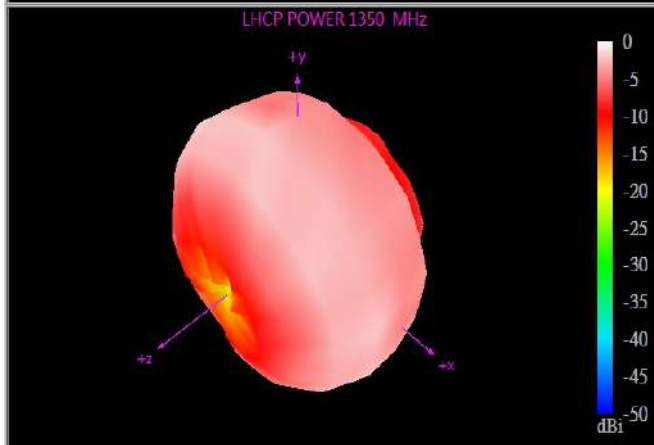
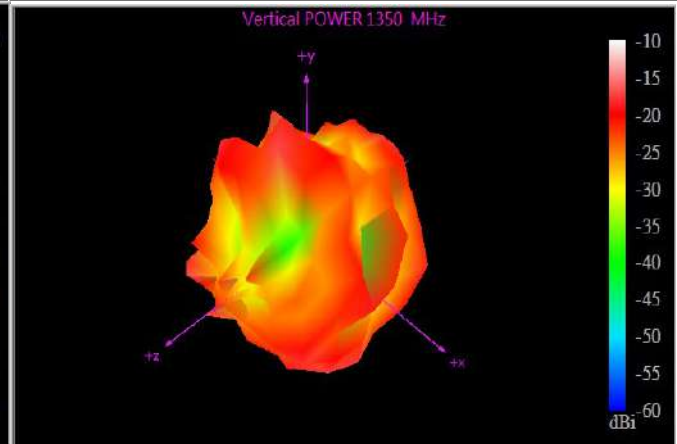
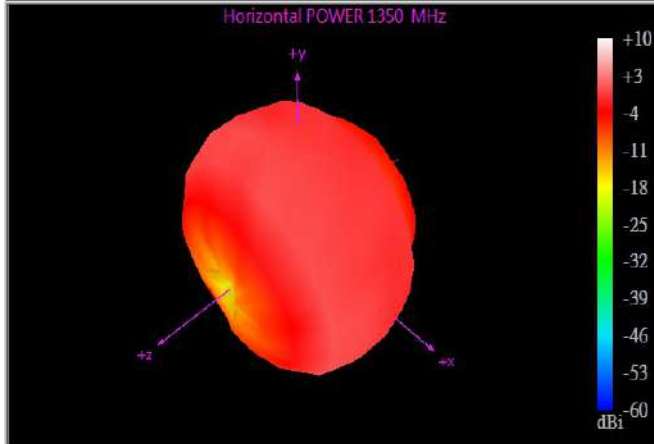
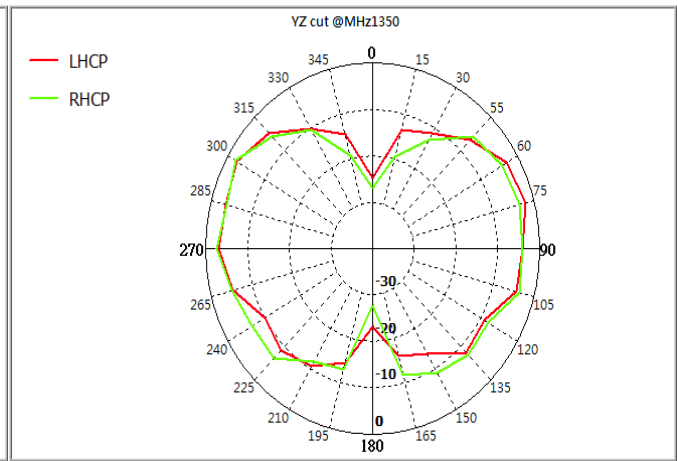
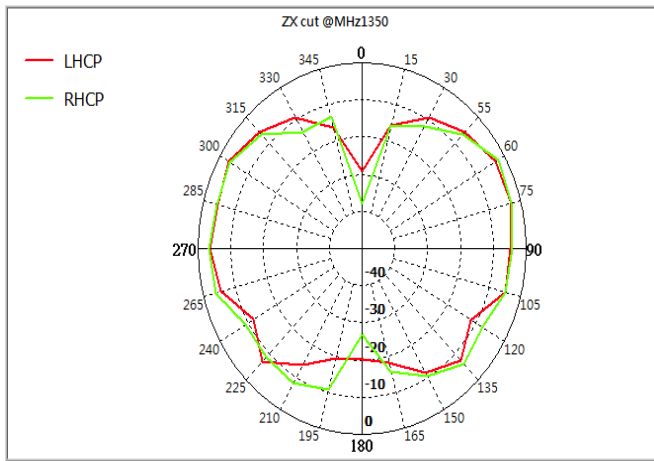
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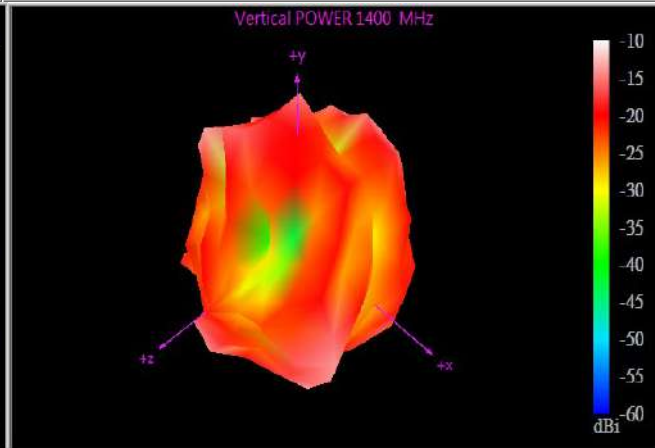
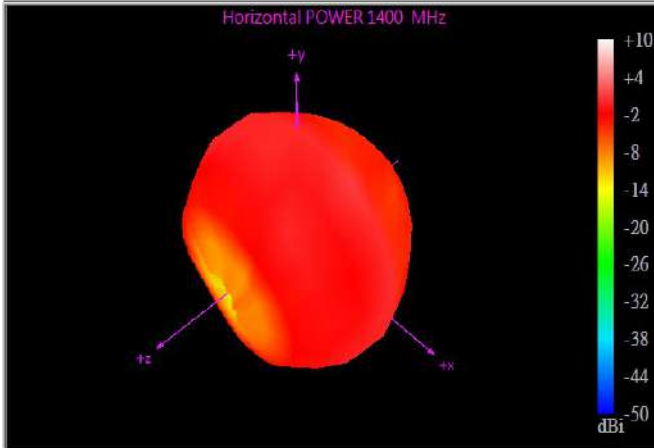
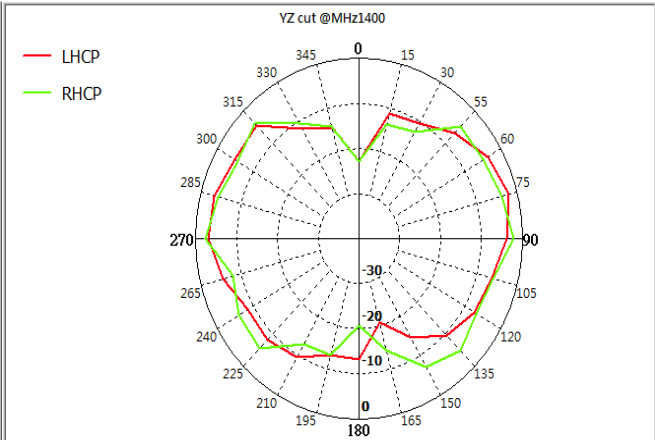
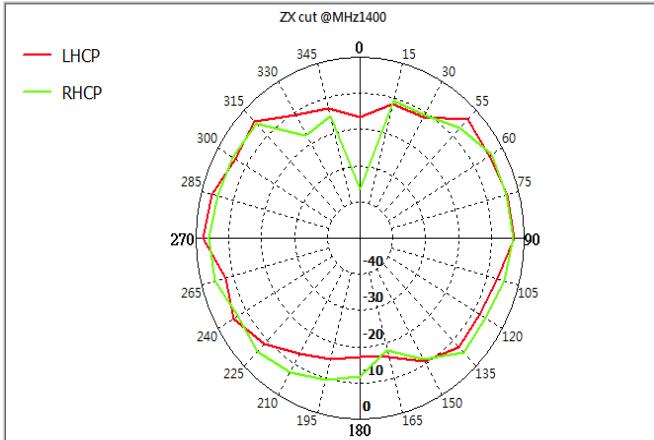
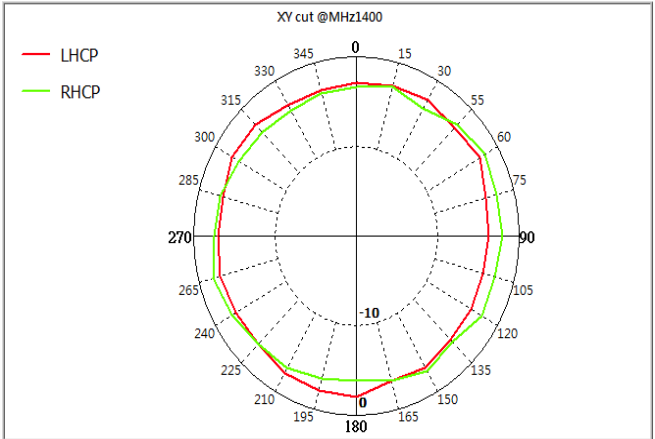
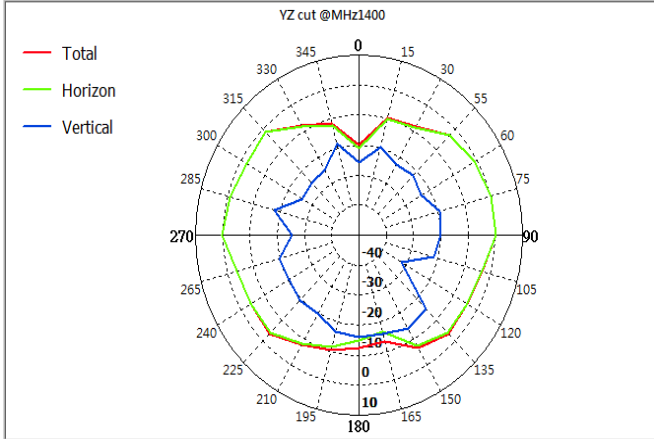
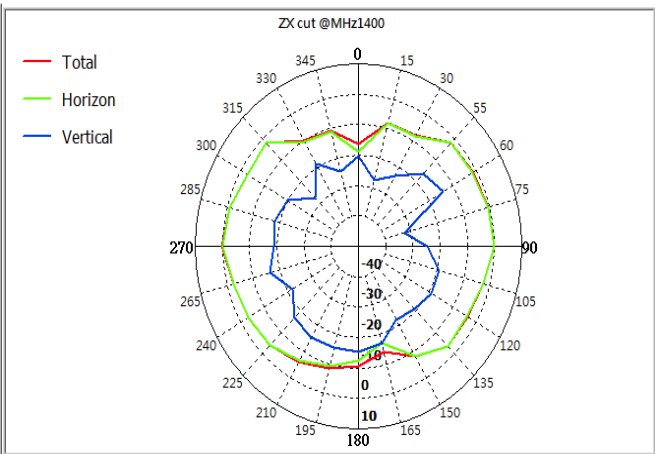
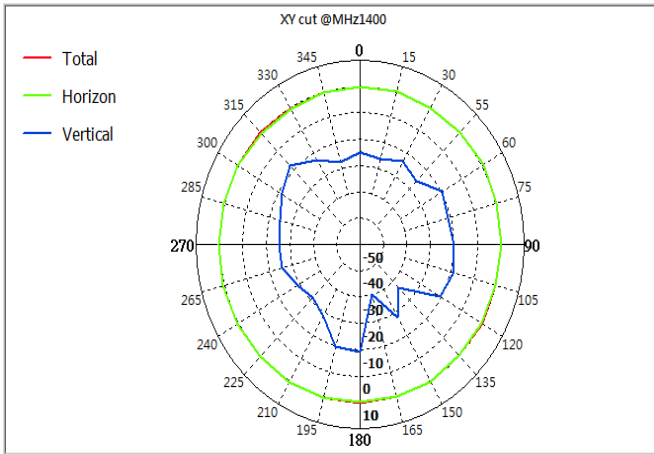


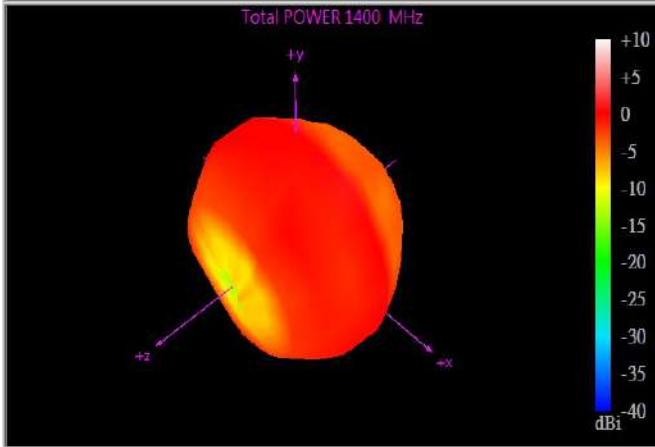
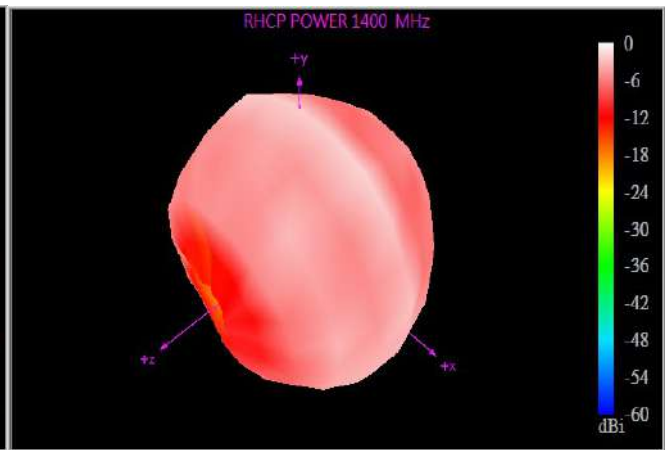
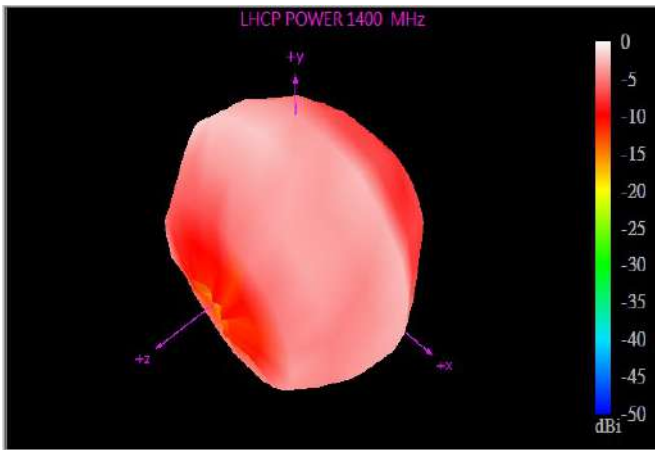
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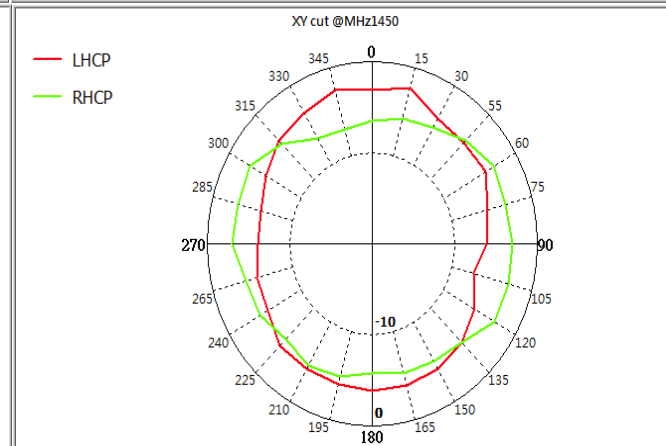
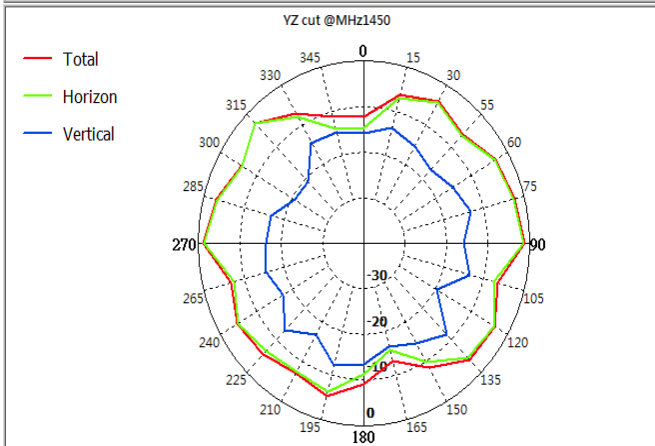
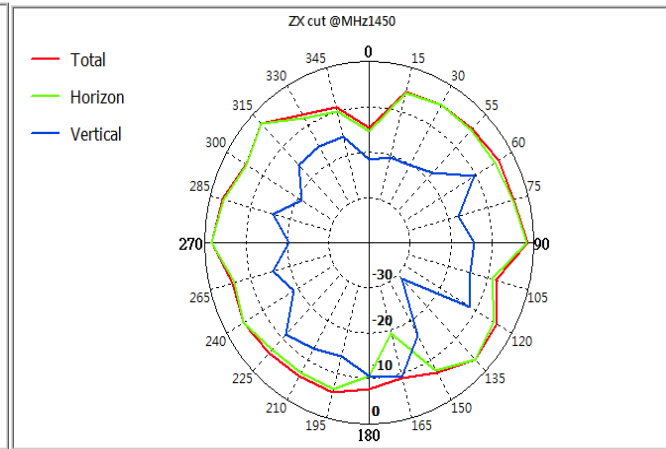
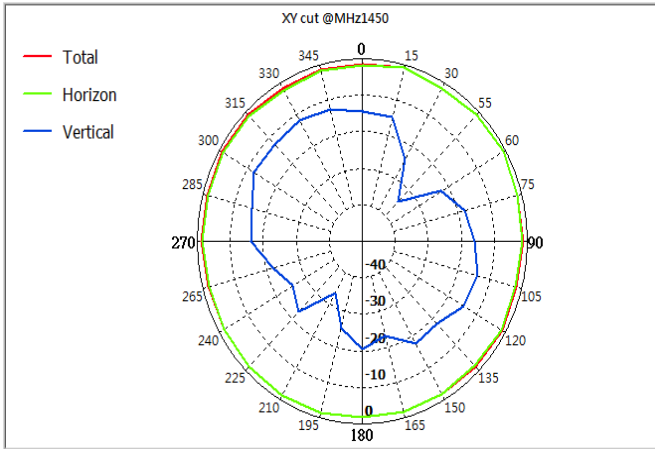


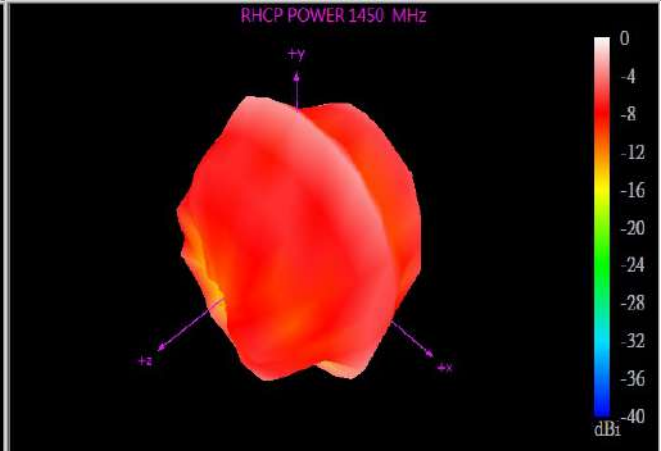
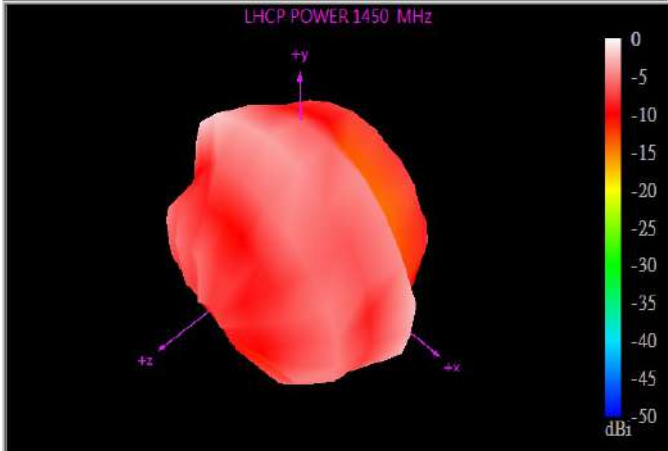
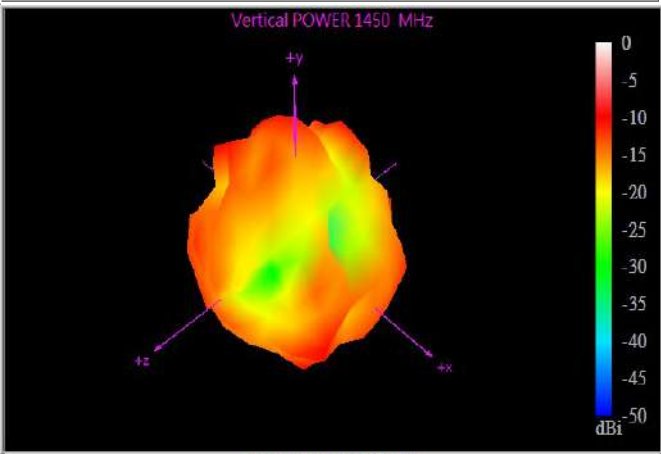
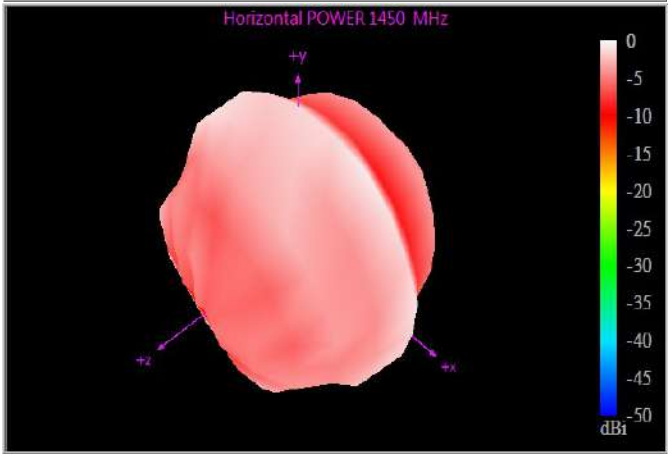
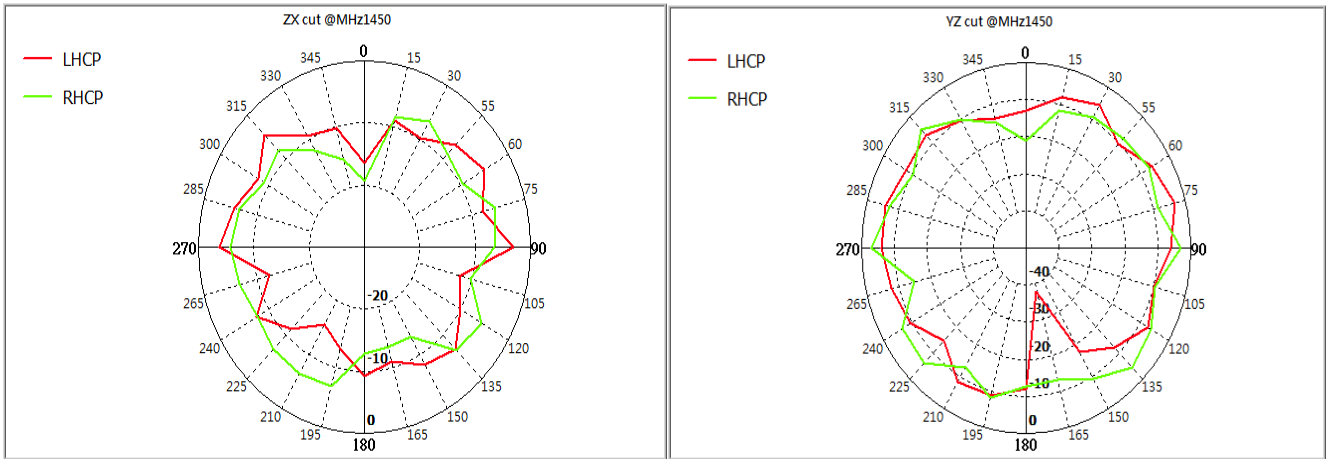
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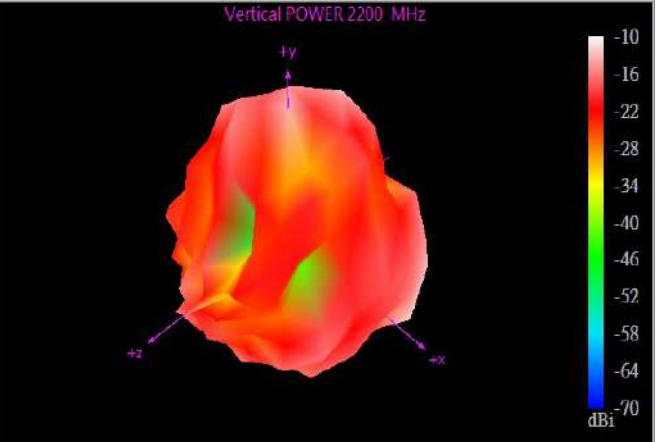
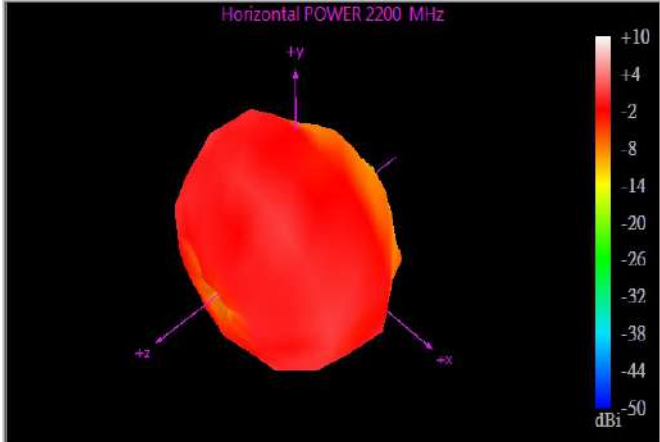
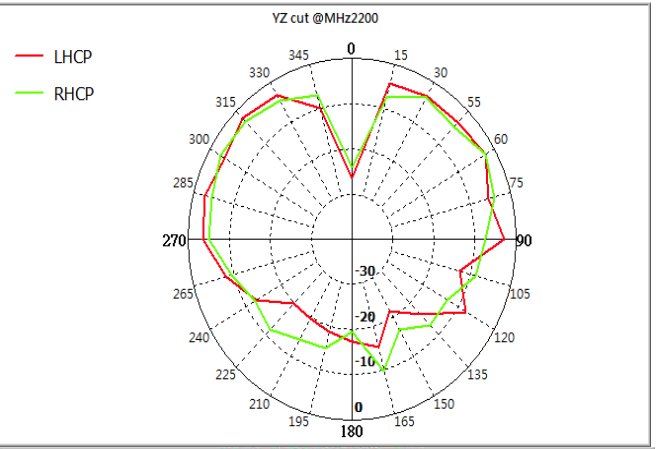
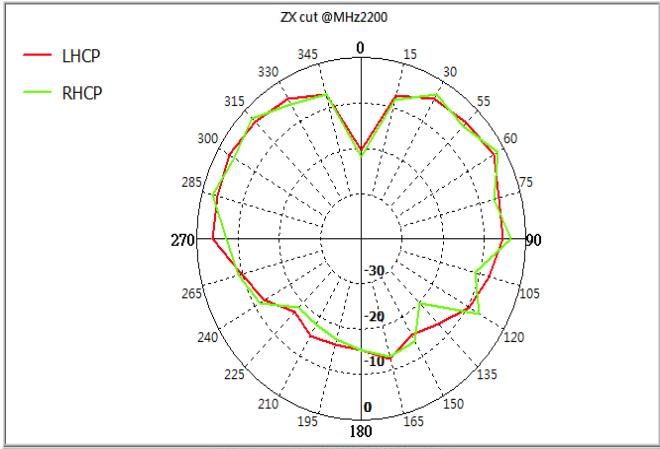
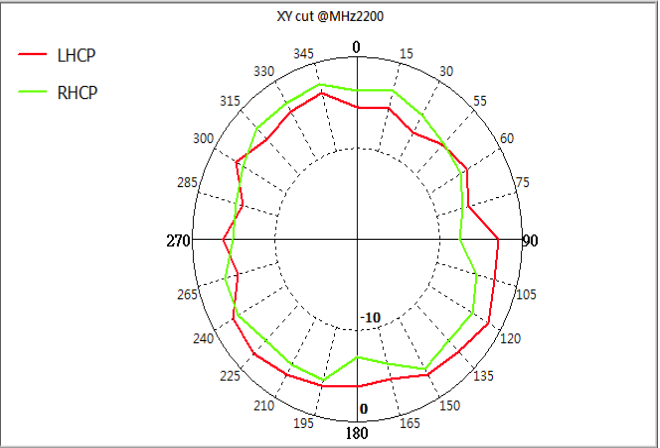
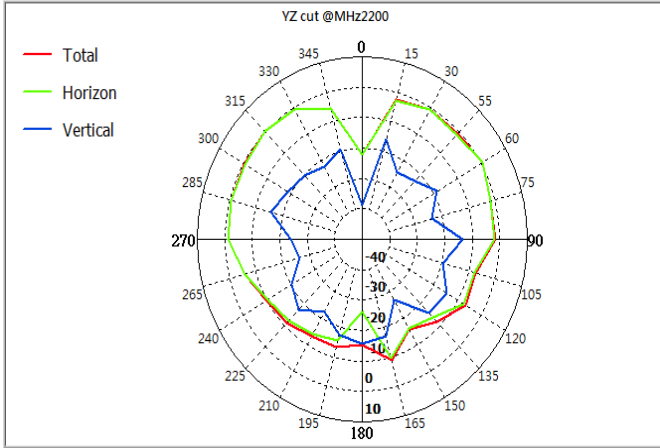
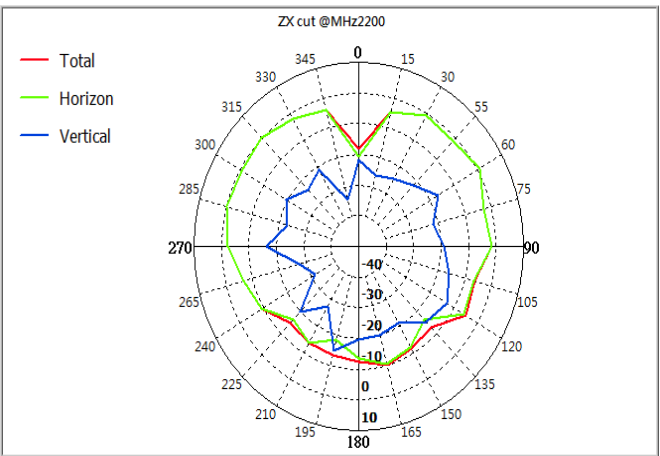
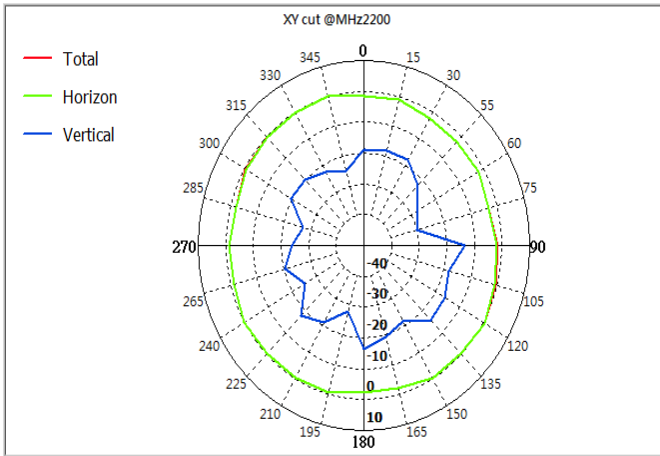


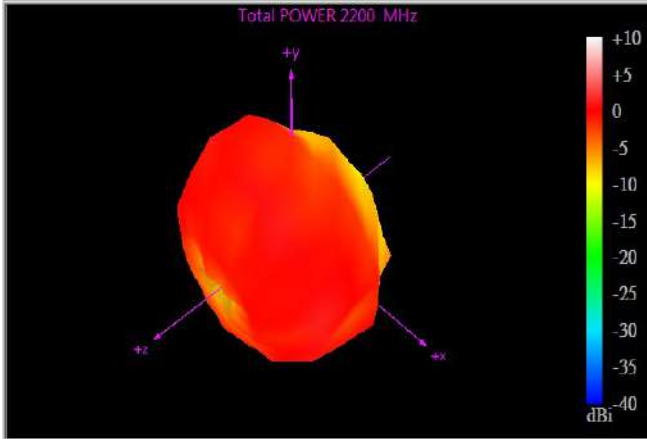
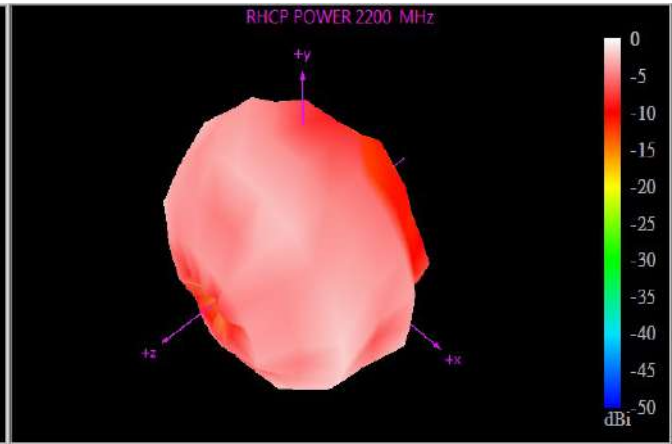
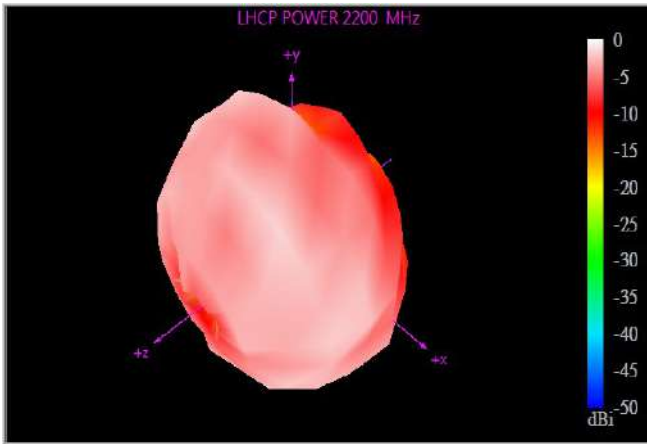
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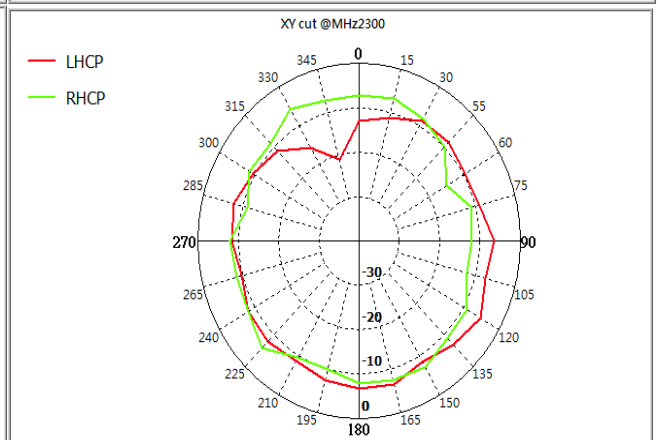
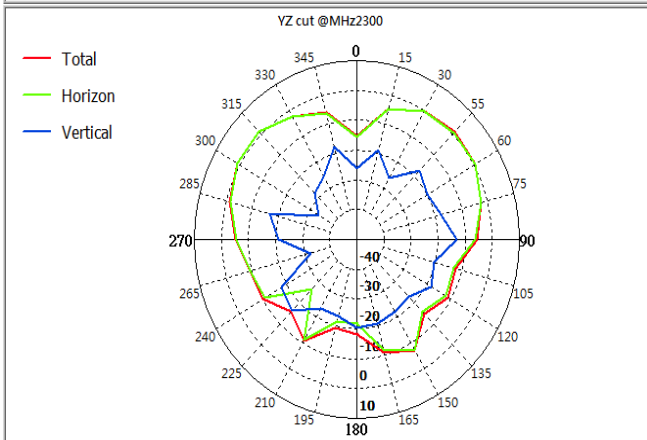
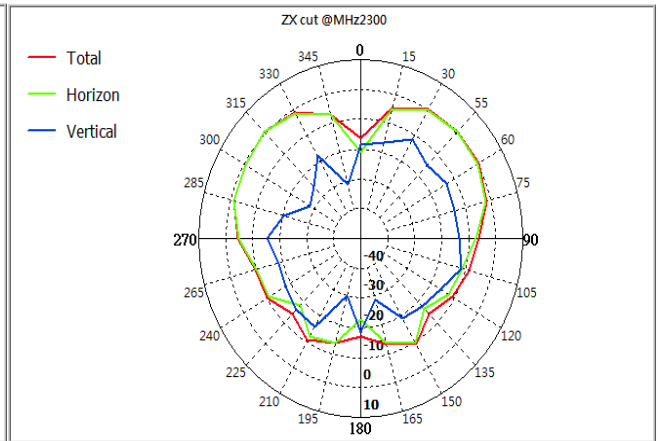
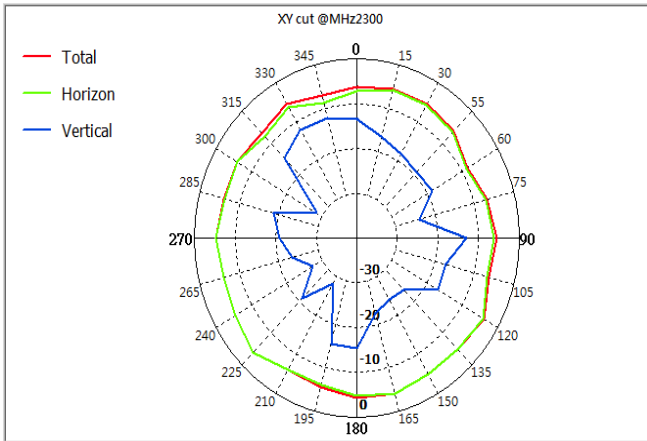


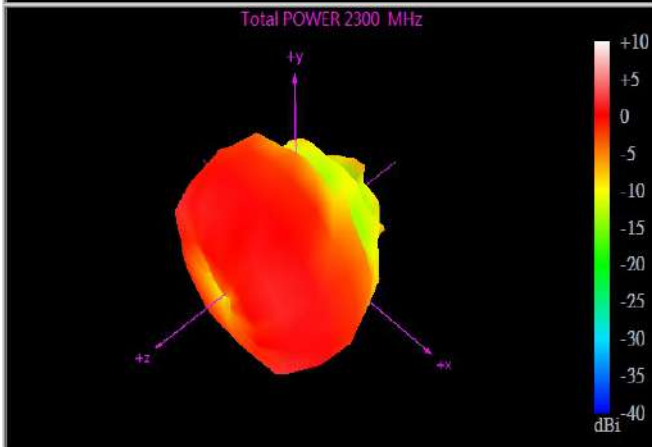
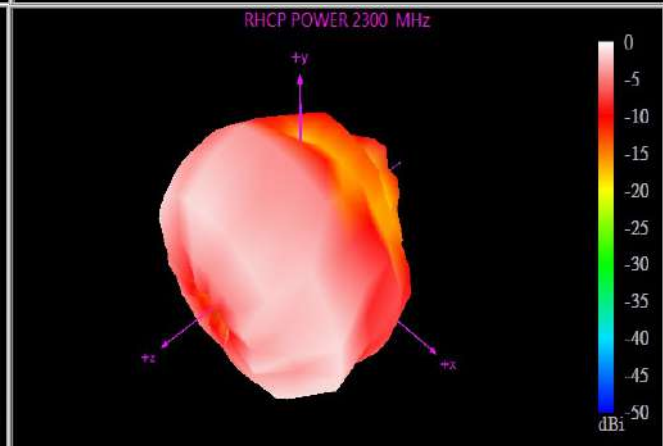
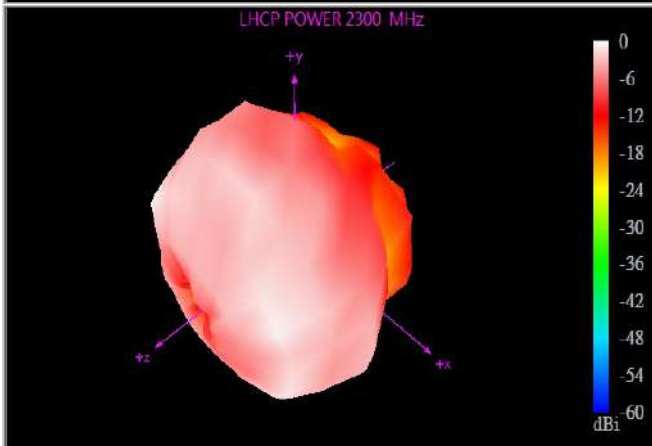
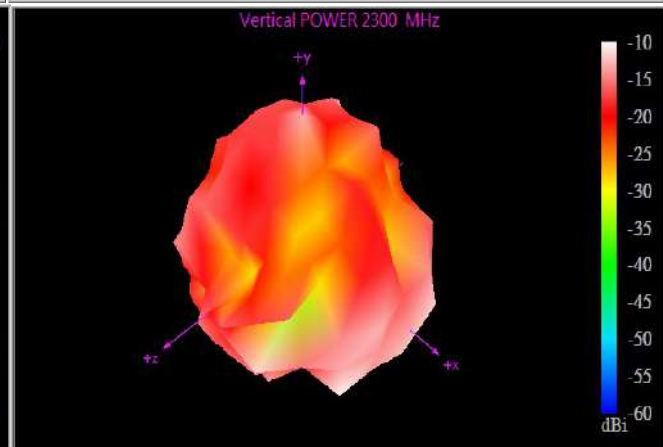
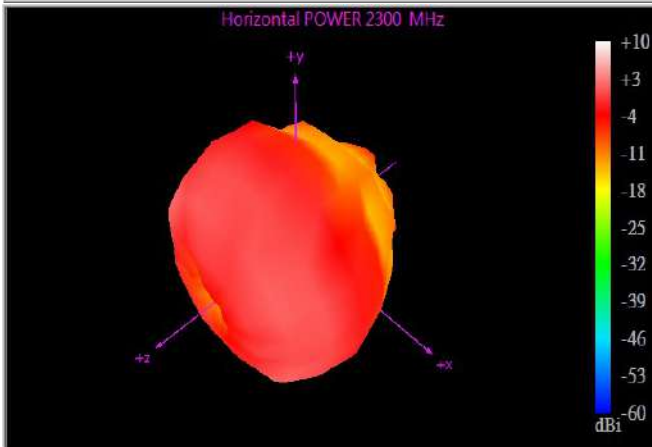
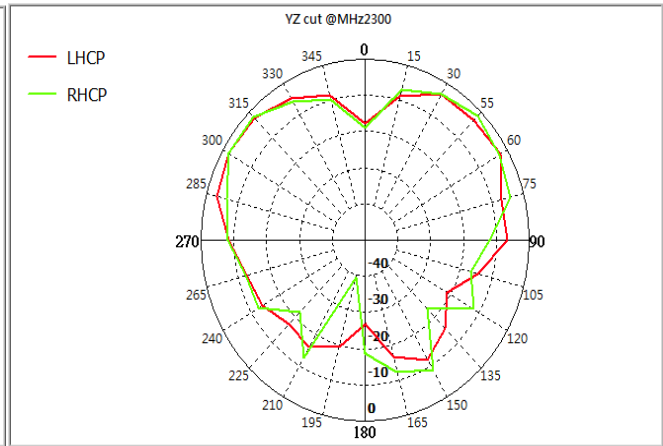
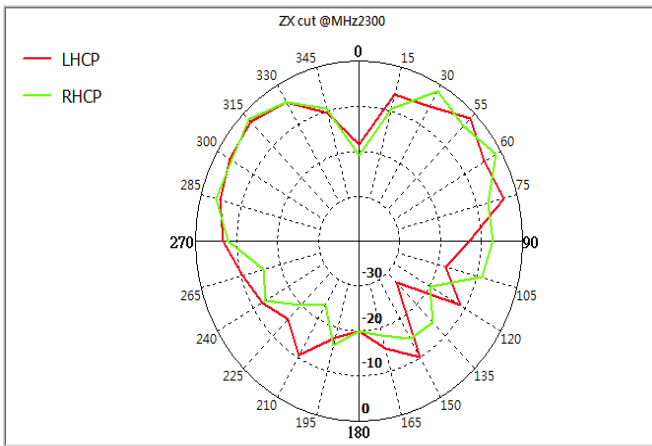
2200Mhz:



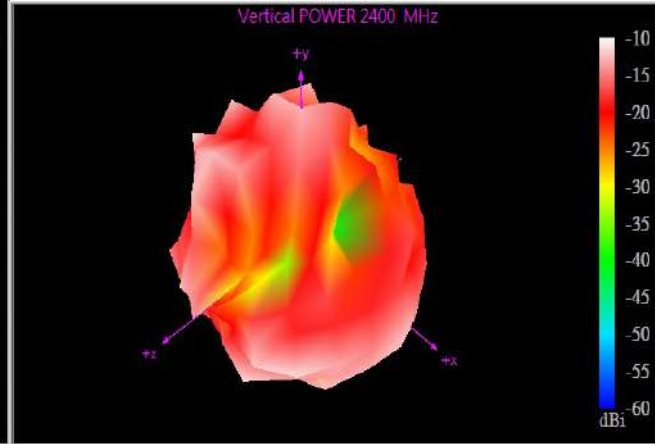
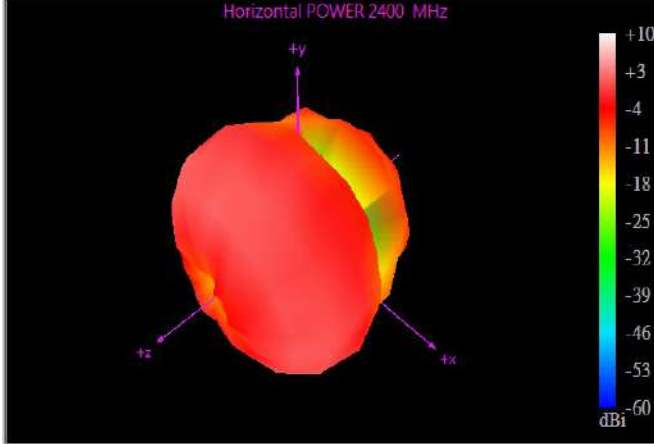
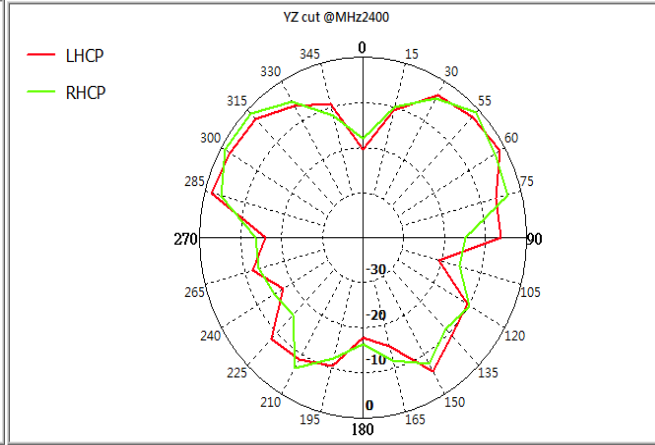
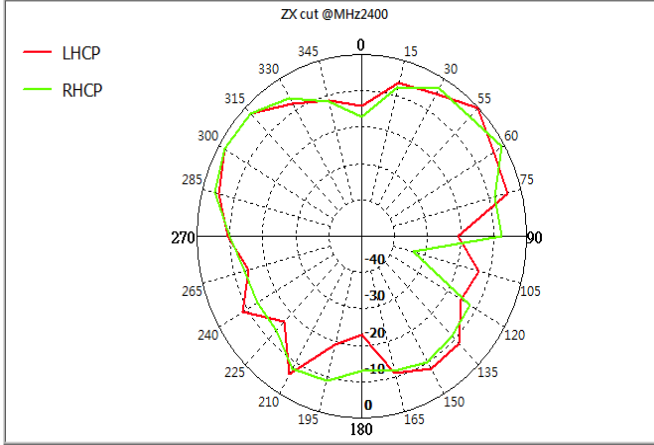
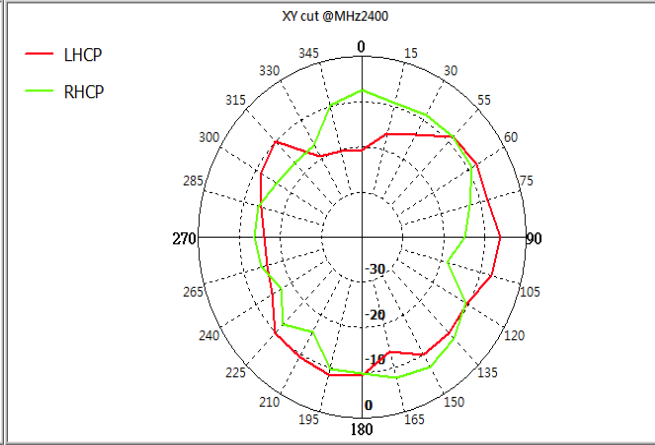
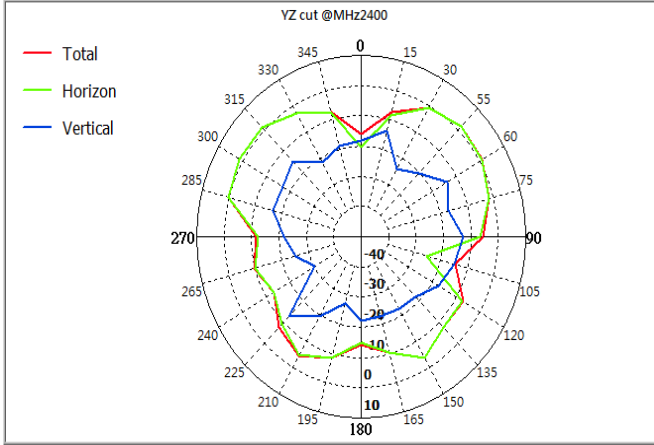
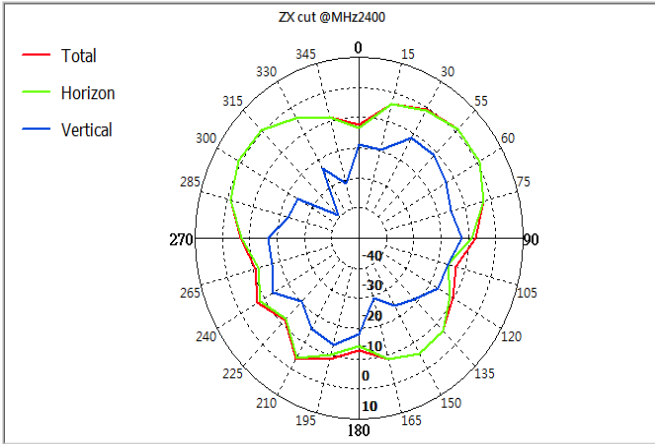
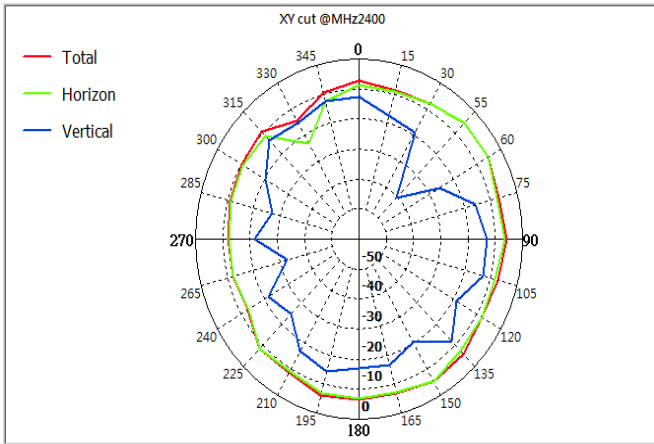


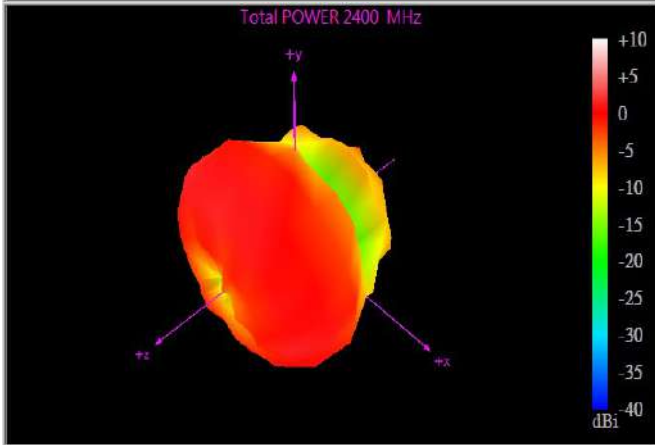
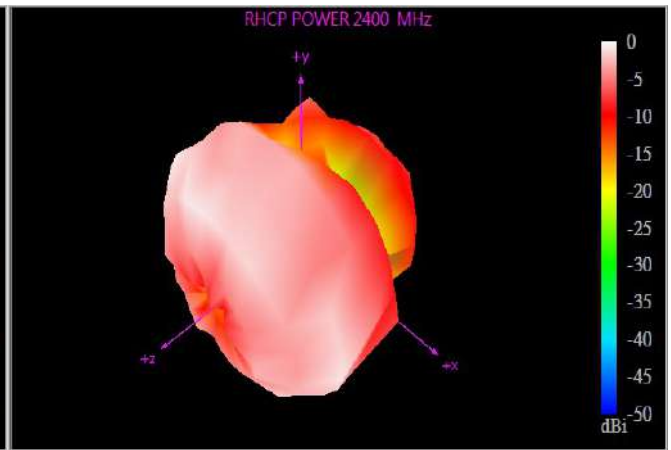
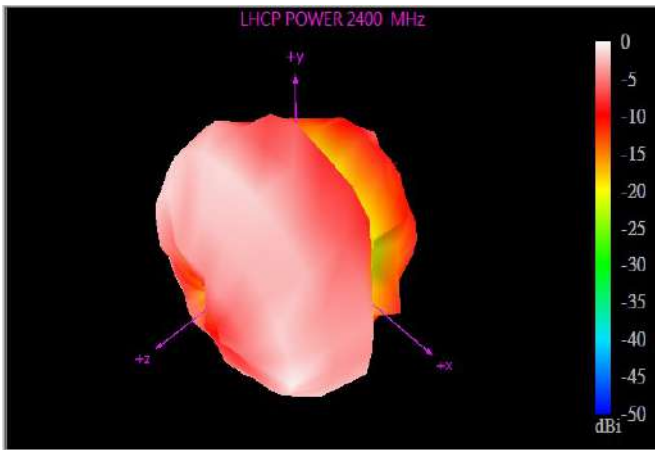
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2400Mhz:





2500Mhz:

