

L Band Omni Antenna

Model : TH-1400G



1.. GENERAL DESCRIPTION

P/N
TH-1400G-N(M)

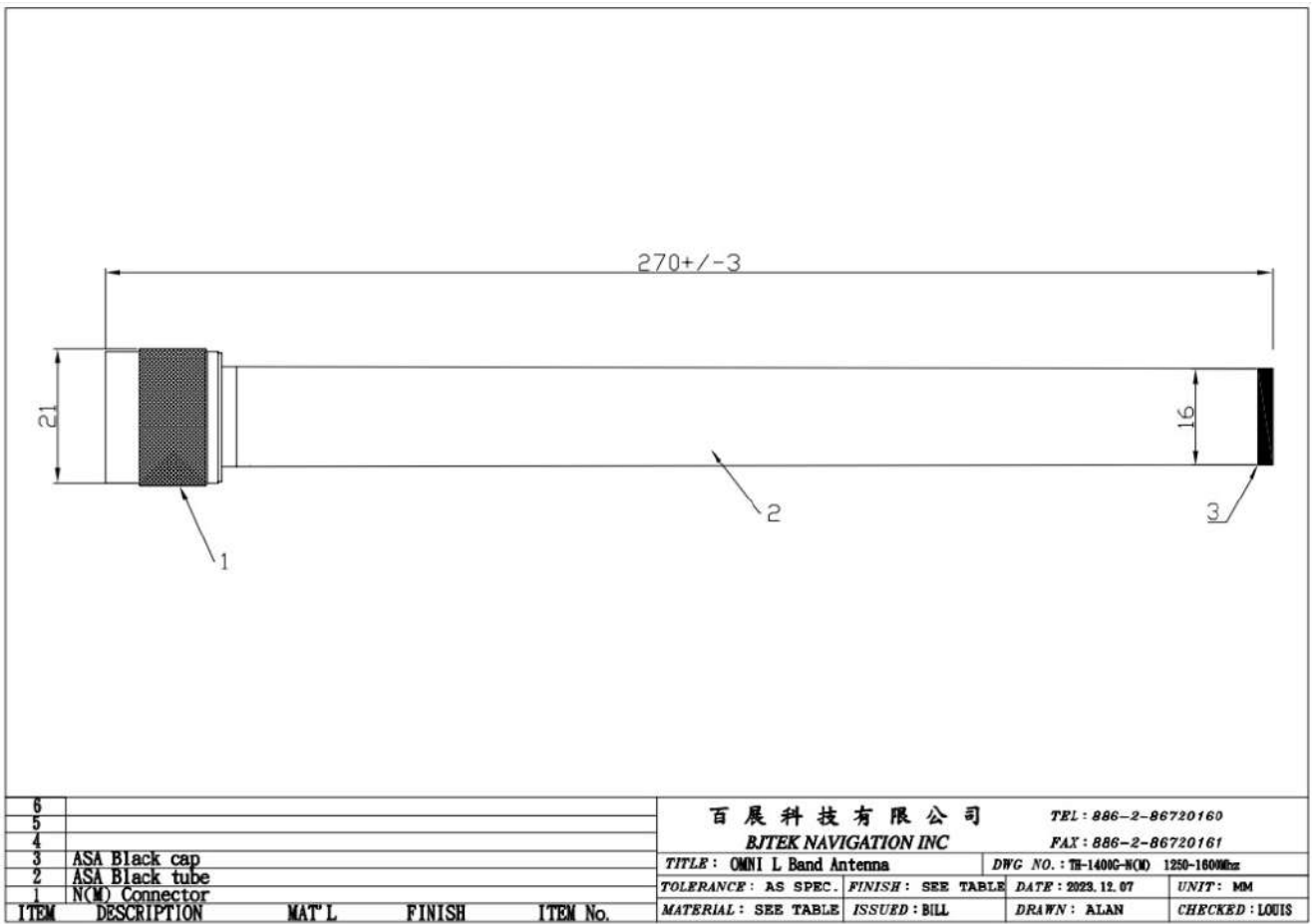
1.1 Electrical Properties

Parameter	Description
Frequency Band	1250~1600MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1
Power	50W
Gain	3db

1.2 Mechanical Properties

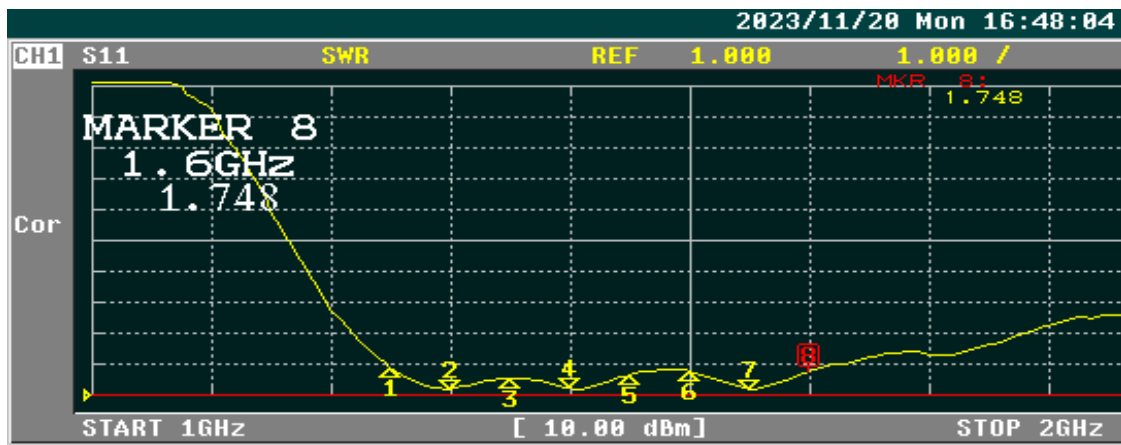
Parameter	Description
Antenna Type	External Antenna
Material	ASA
Touch Type	Screw Type
Connector Type	N Connector (Male)
Antenna Dimensions	270mm \pm 3
Antenna Color	Black
Operating Temperature Range	-45°C~+85°C
Storage Temperature Range	-45°C~+85°C

2. Appearance



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





ACTIVATE MARKER

MARKER 6

MARKER 7

MARKER 8

MARKER 9

MARKER 10

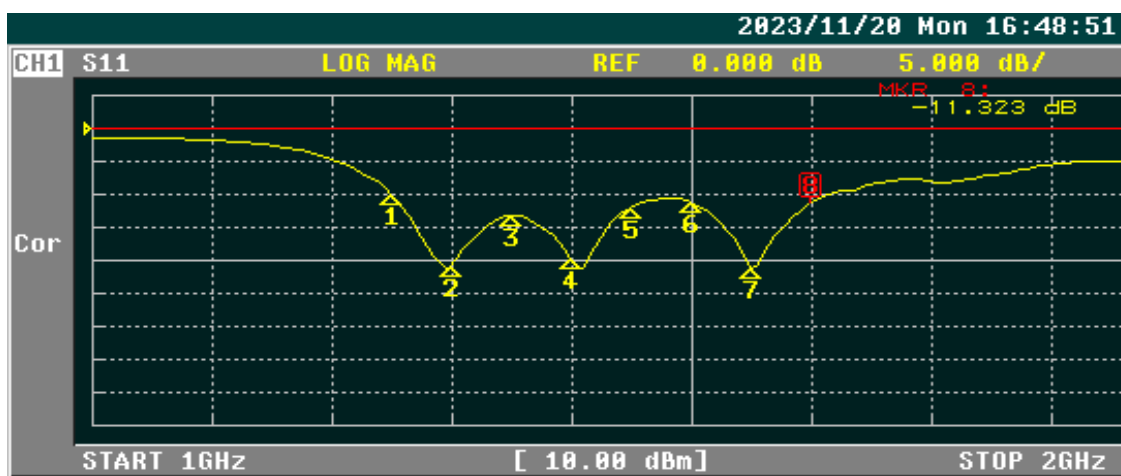
ACTIVATE MKR OFF

Return

More 2/2

CH1 MARKER LIST

1:	1.250 000GHz	1.880
2:	1.300 000GHz	1.197
3:	1.350 000GHz	1.548
4:	1.400 000GHz	1.215
5:	1.450 000GHz	1.648
6:	1.500 000GHz	1.751
7:	1.550 000GHz	1.198
8:	1.600 000GHz	1.748
9:		
10:		



BITMAP FILE

SAVE TO DISK

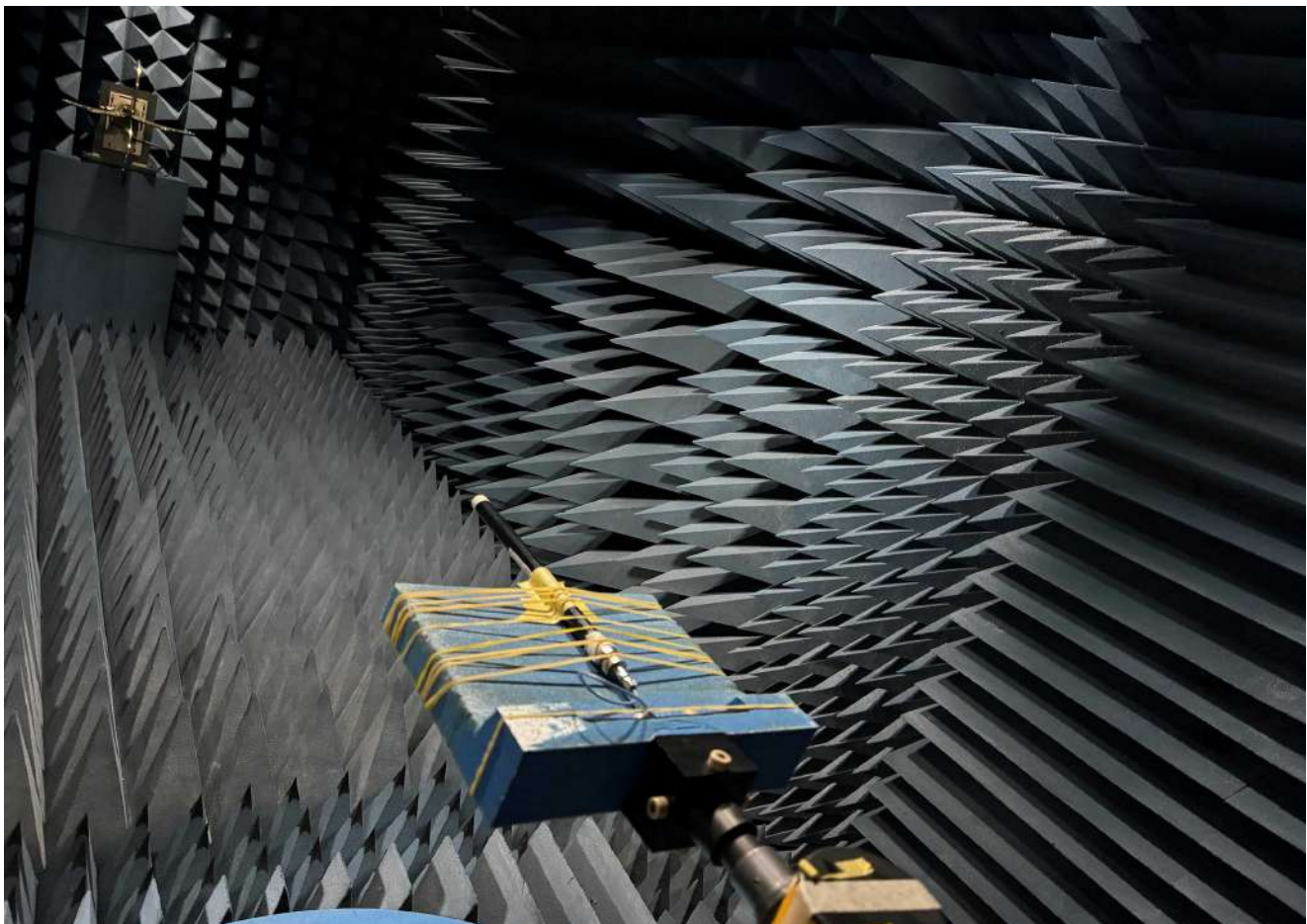
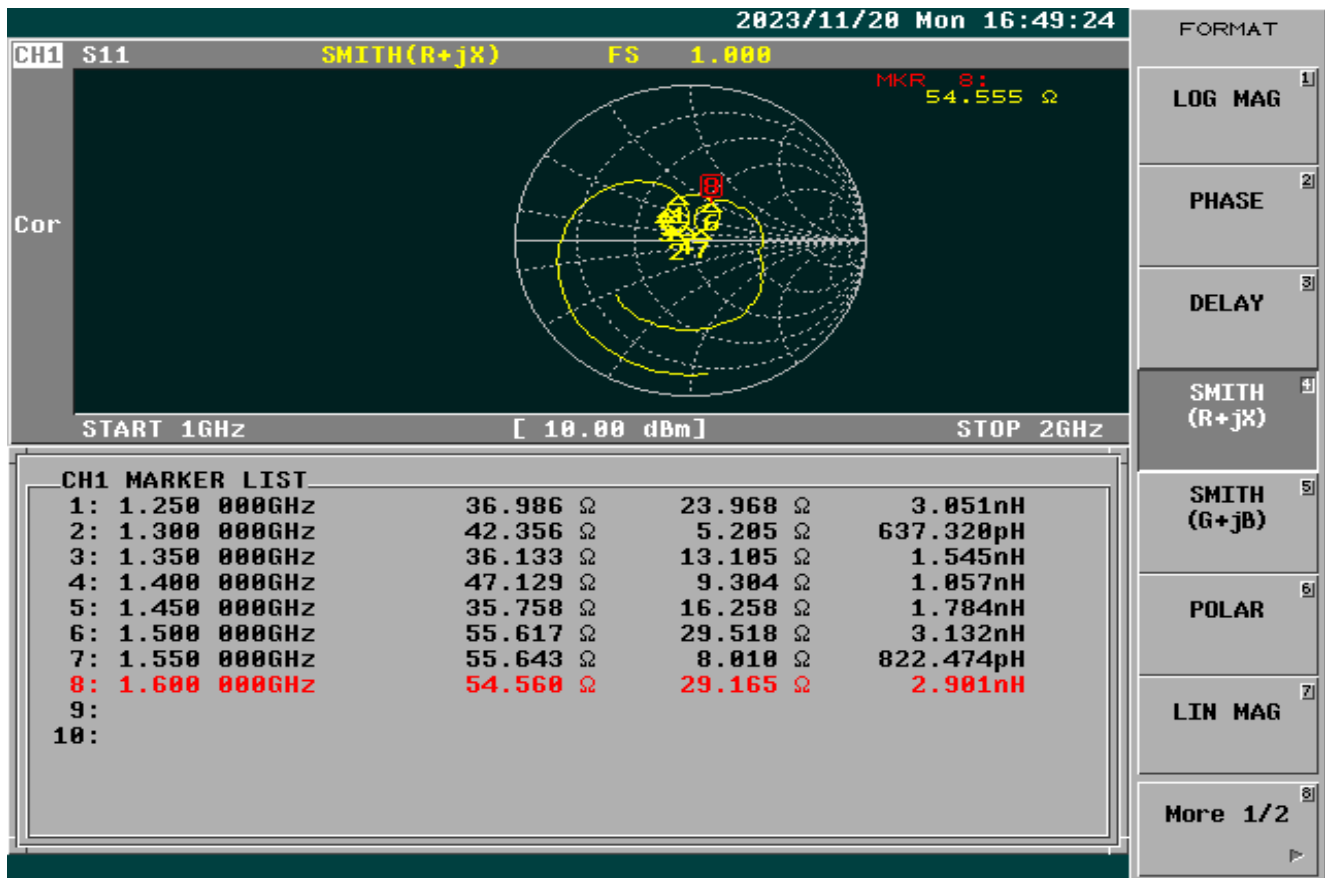
COMPRESSION ON OFF

TRUNCATE ON OFF

Return

CH1 MARKER LIST

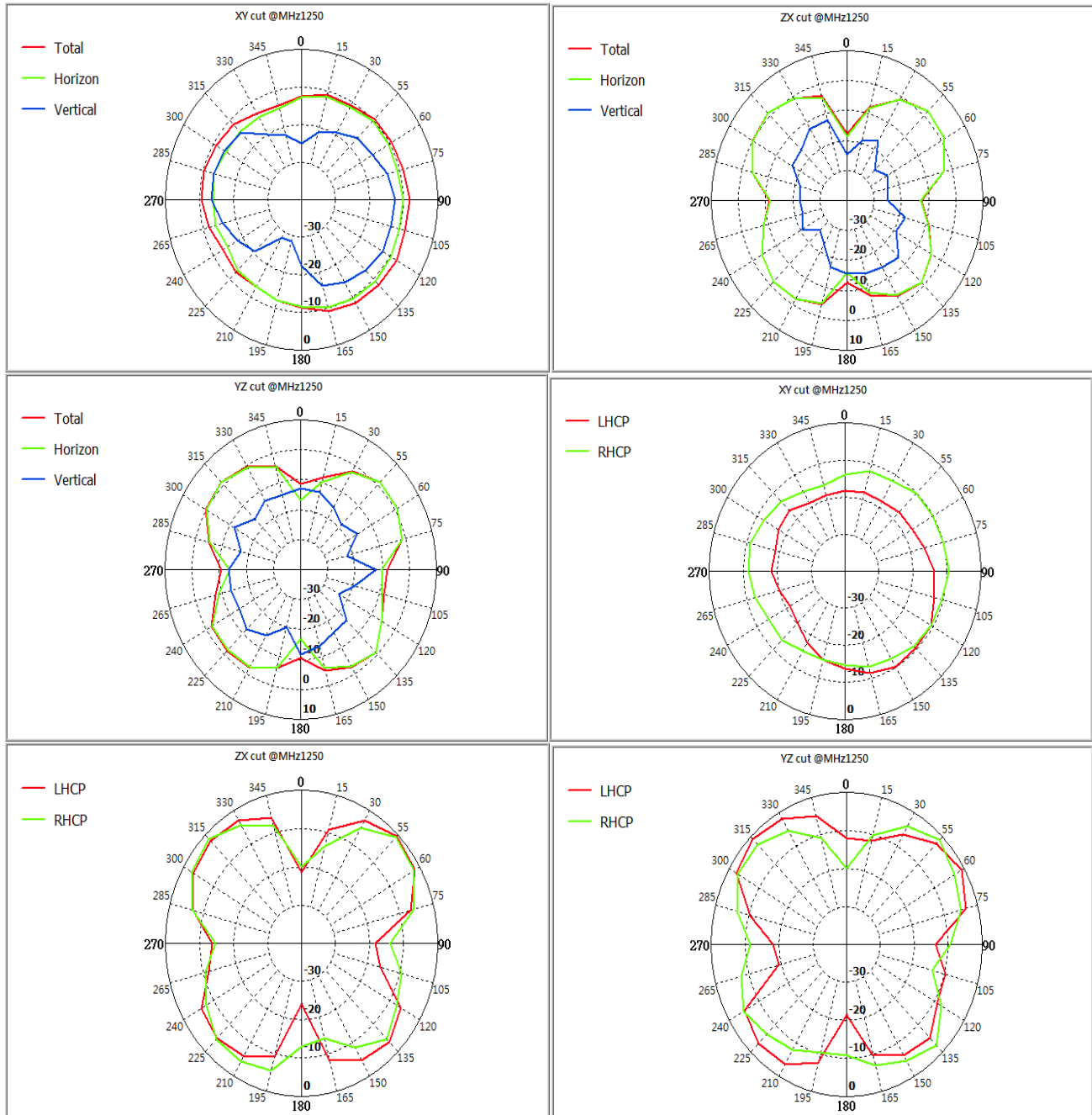
1:	1.250 000GHz	-10.100 dB
2:	1.300 000GHz	-20.838 dB
3:	1.350 000GHz	-13.240 dB
4:	1.400 000GHz	-19.838 dB
5:	1.450 000GHz	-11.976 dB
6:	1.500 000GHz	-11.244 dB
7:	1.550 000GHz	-21.179 dB
8:	1.600 000GHz	-11.323 dB
9:		
10:		

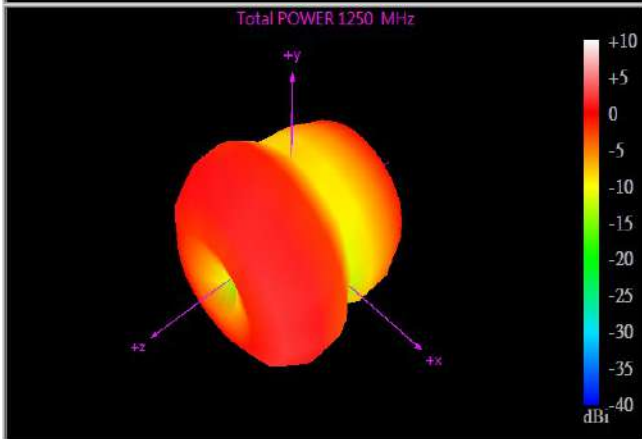
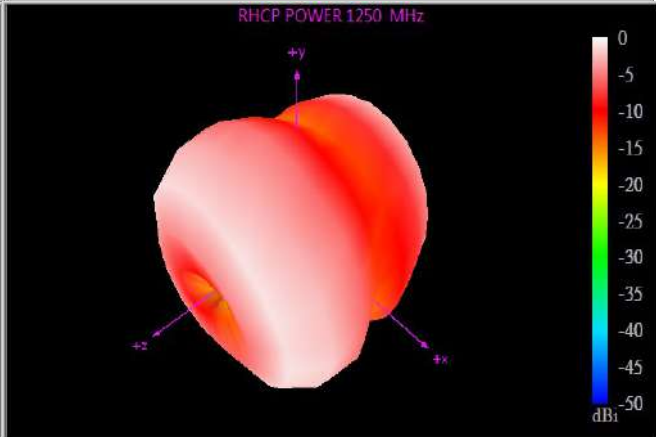
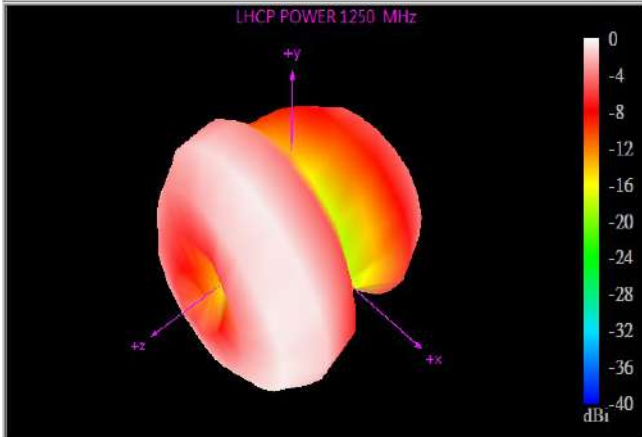
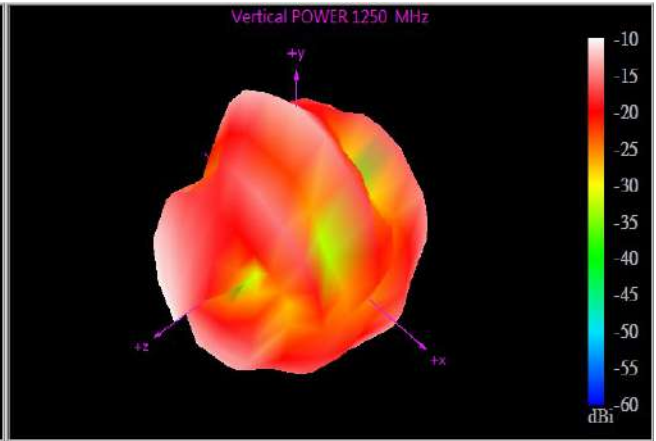
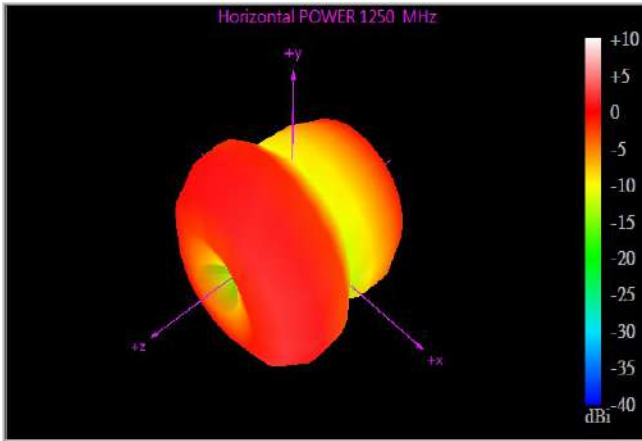


3D Total

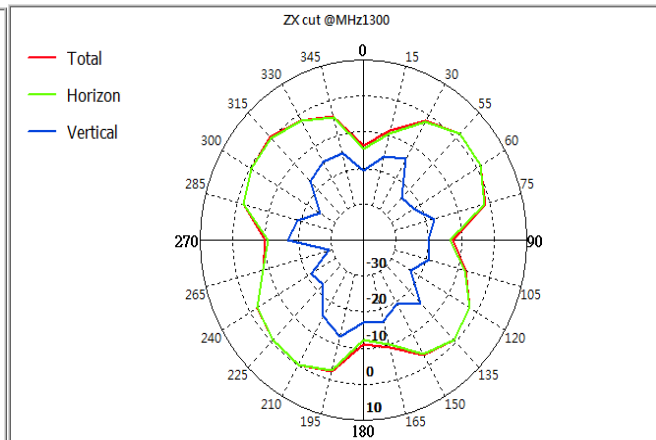
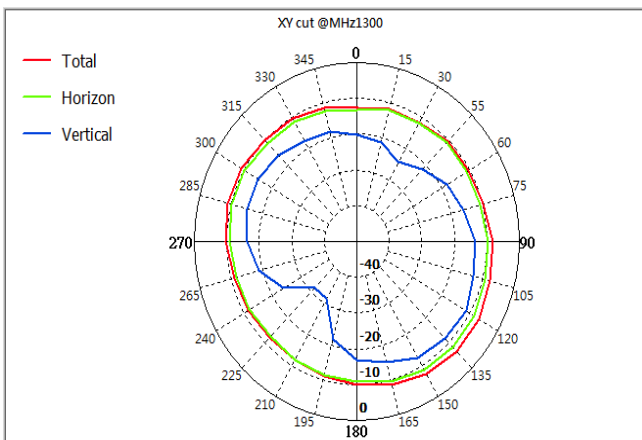
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1250 MHz	-4.40	-7.62	-2.71	53.58	2.37	-2.71
1300 MHz	-4.47	-6.53	-2.37	57.92	1.84	-2.37
1350 MHz	-4.91	-5.72	-2.29	59.04	1.96	-2.29
1400 MHz	-5.66	-5.01	-2.32	58.68	2.54	-2.32
1450 MHz	-7.01	-4.98	-2.87	51.65	2.95	-2.87
1500 MHz	-6.71	-4.98	-2.75	53.10	3.20	-2.75
1550 MHz	-6.23	-5.39	-2.78	52.74	2.90	-2.78
1600 MHz	-6.18	-5.72	-2.93	50.88	2.34	-2.93

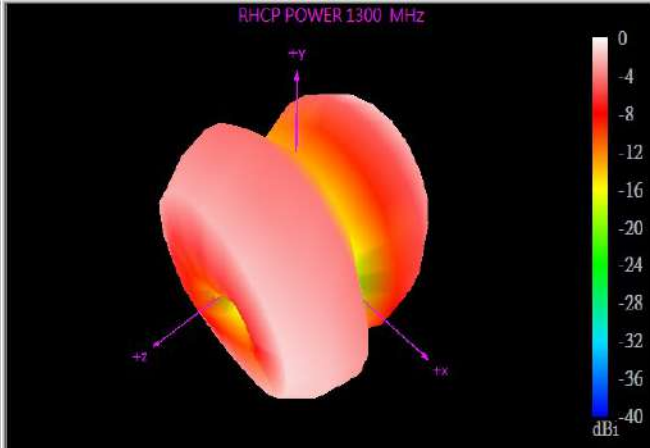
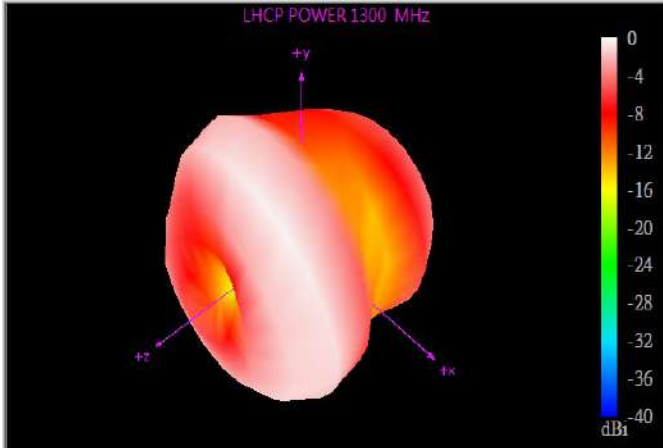
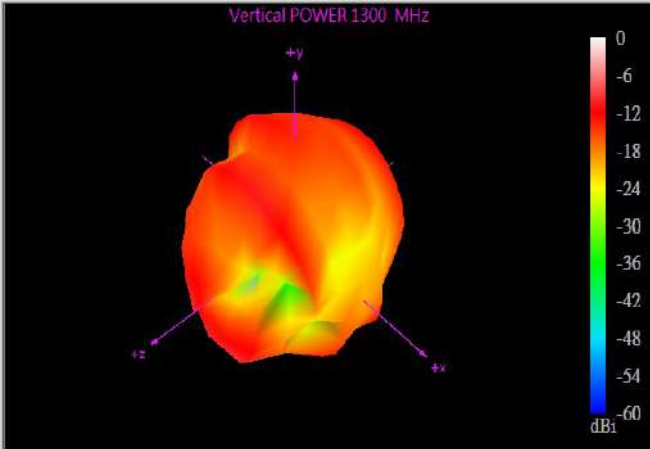
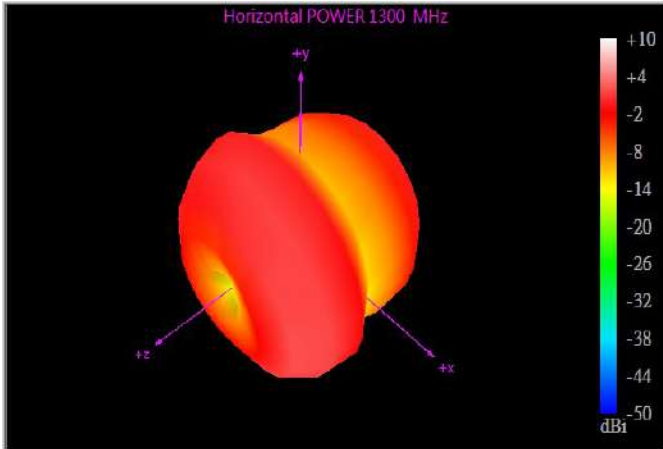
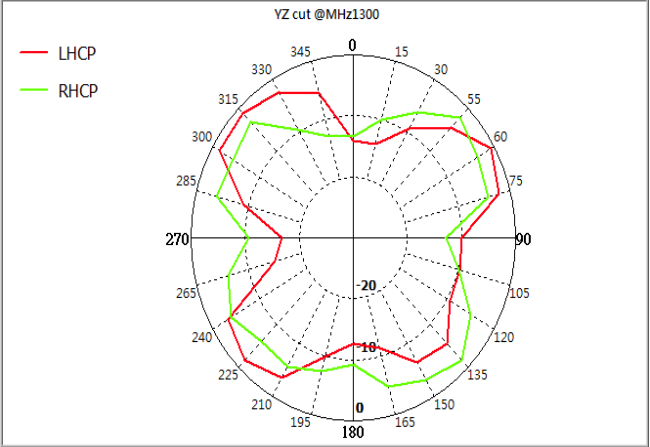
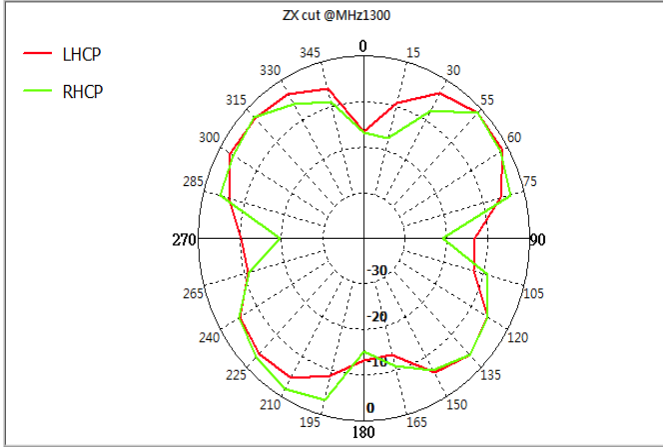
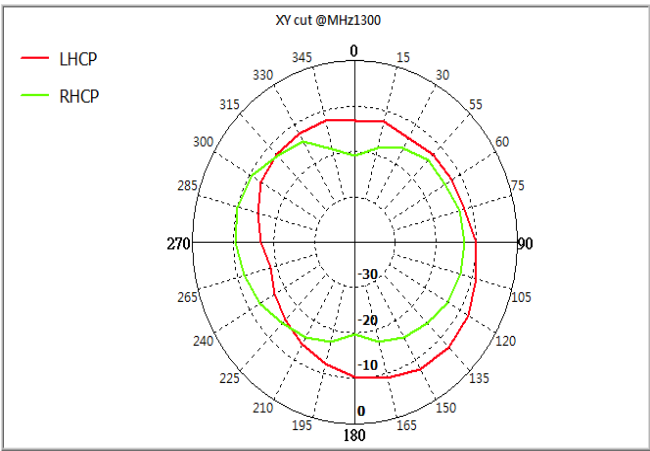
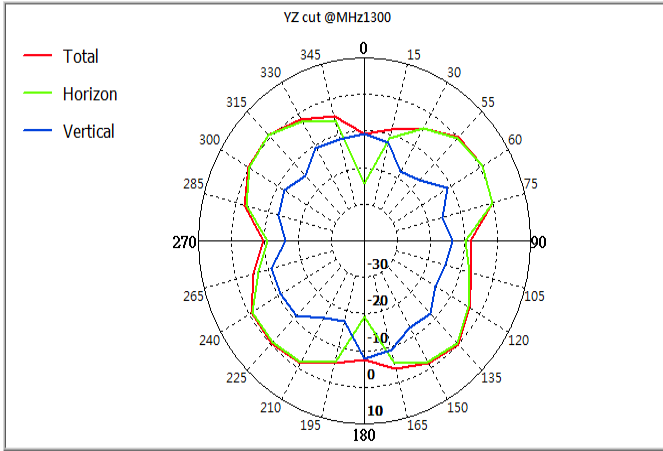
1250 MHz:

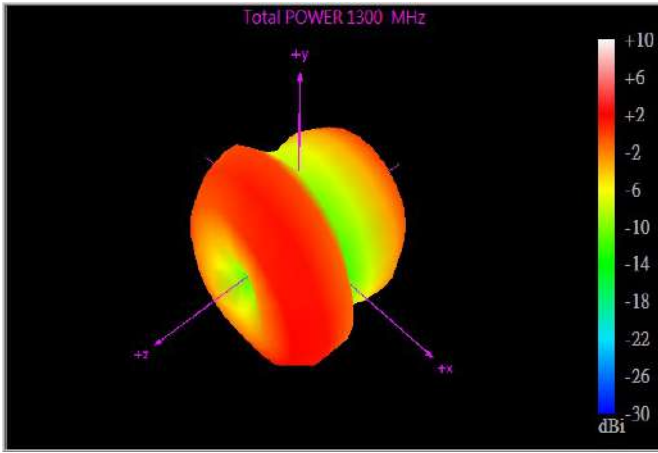




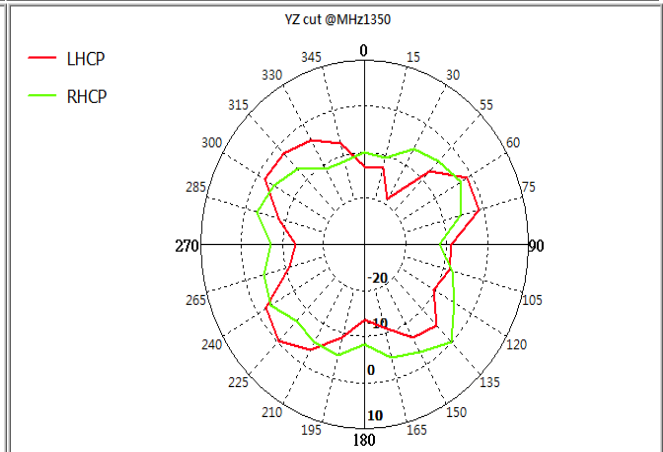
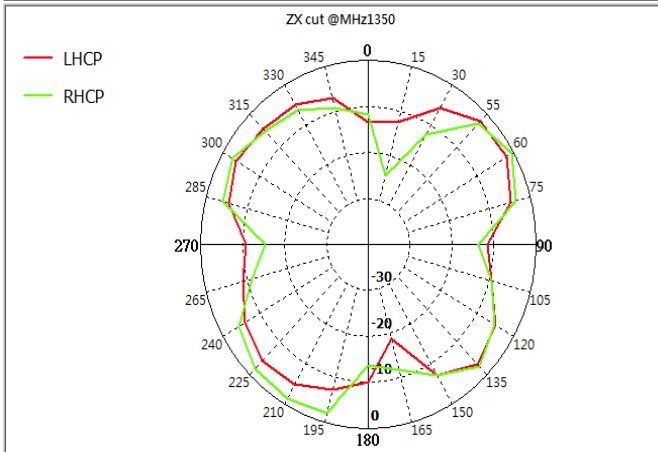
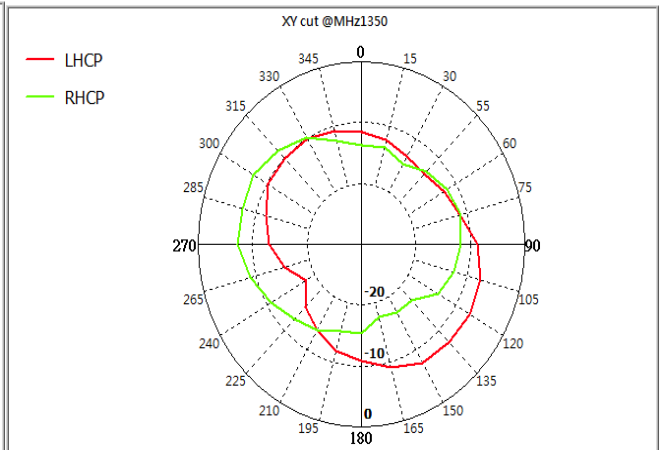
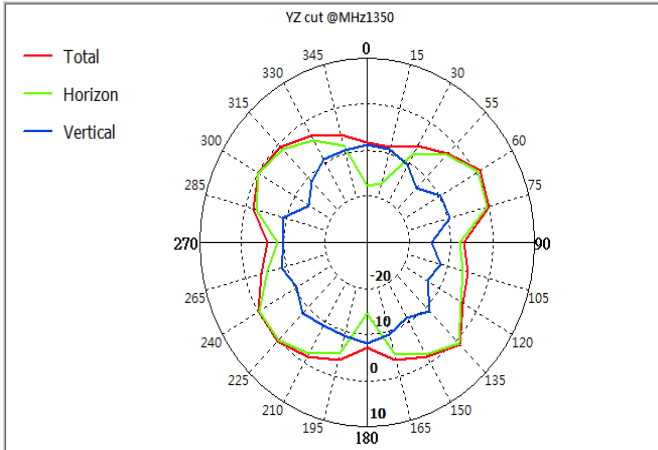
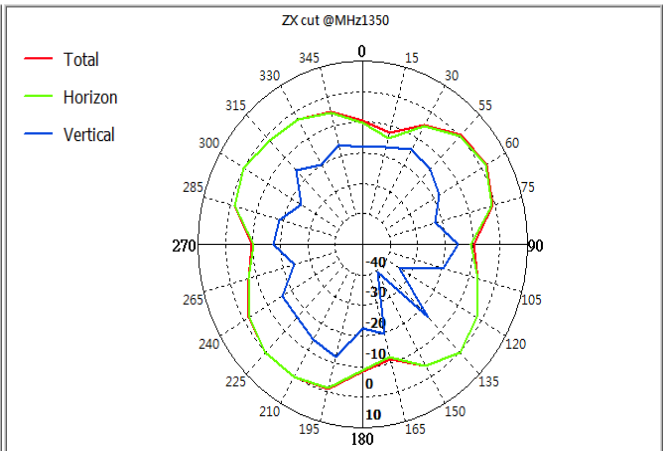
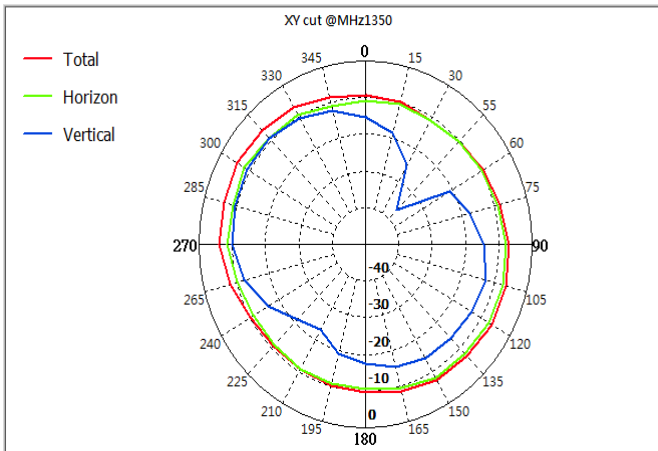
1300Mhz:

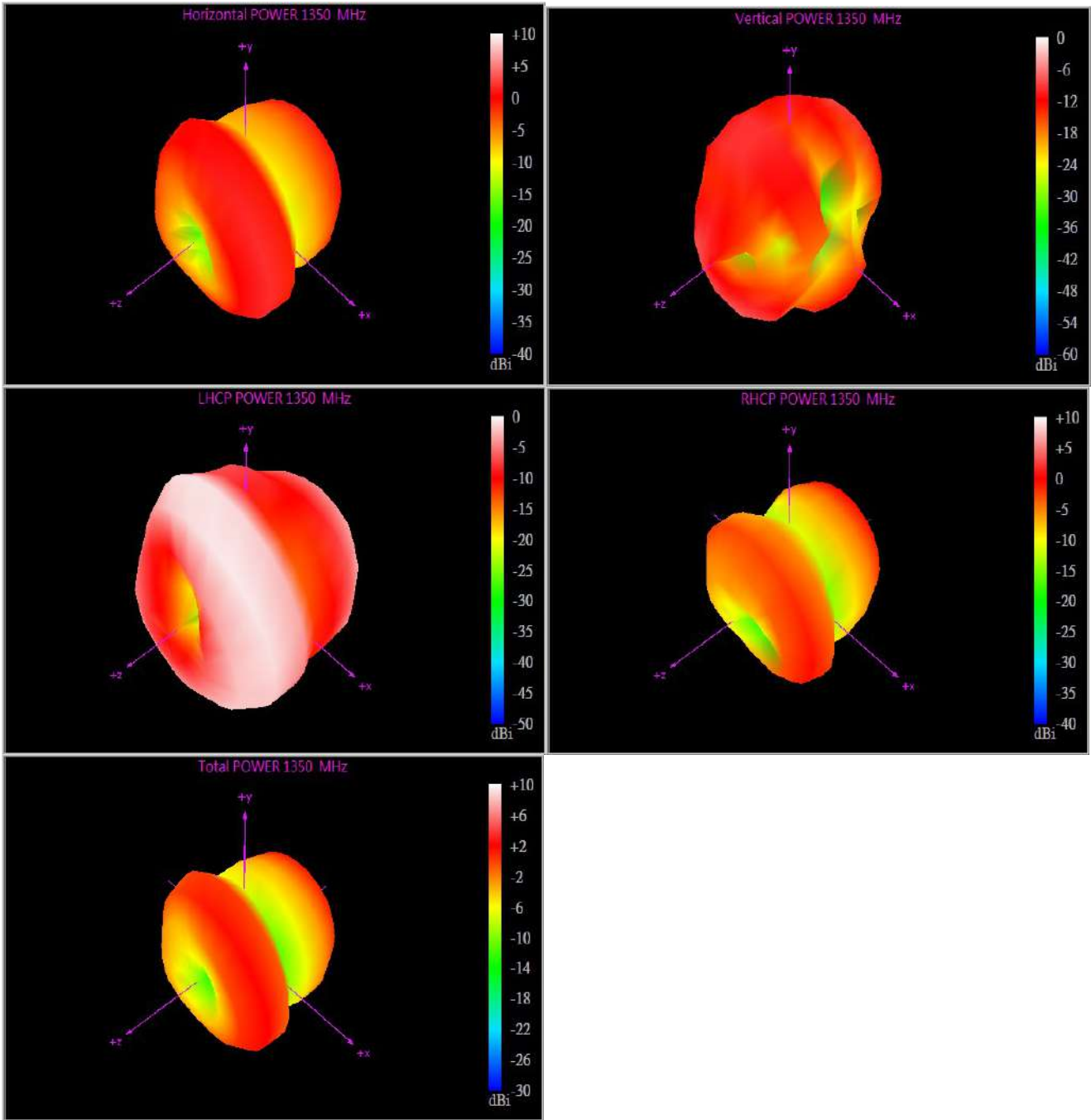




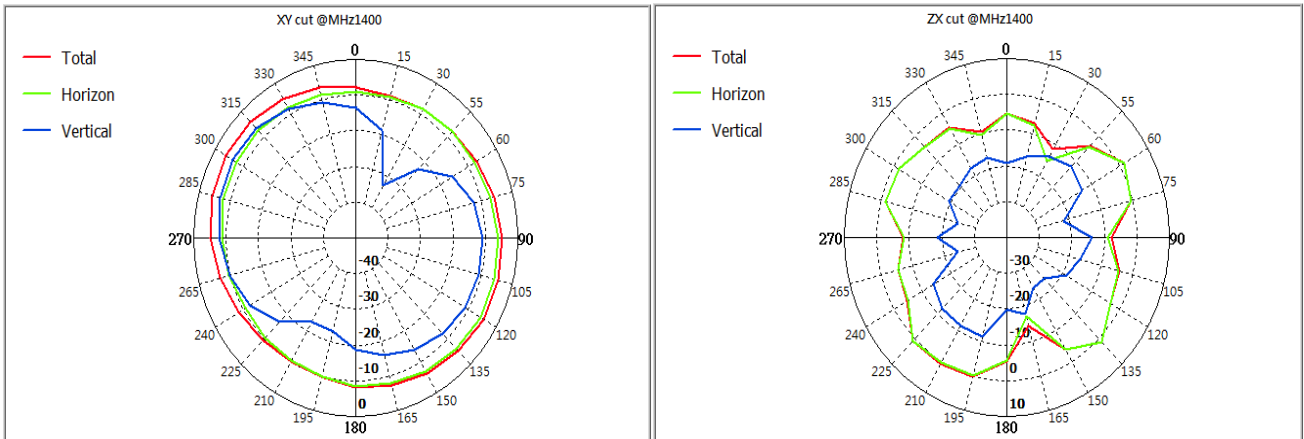


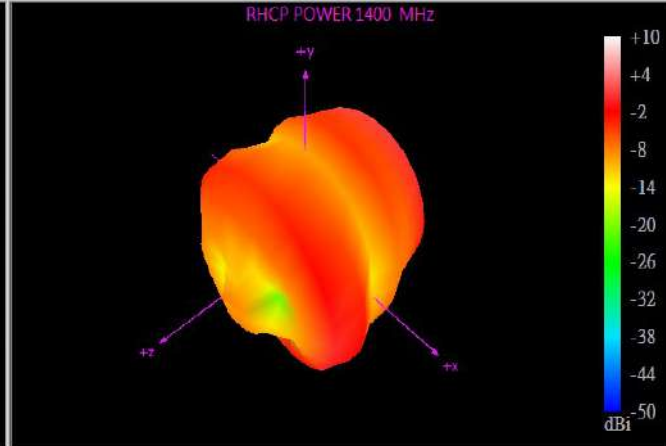
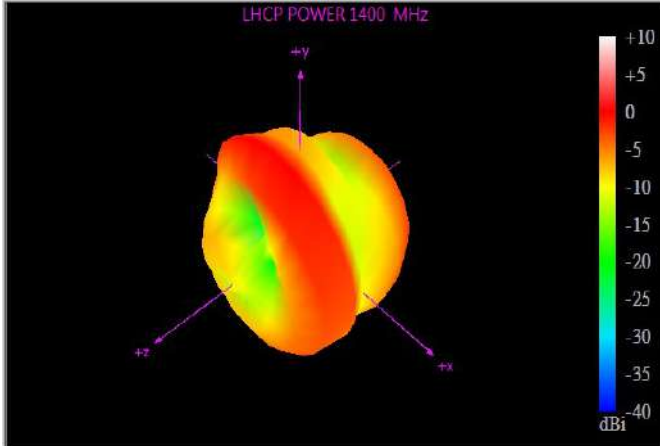
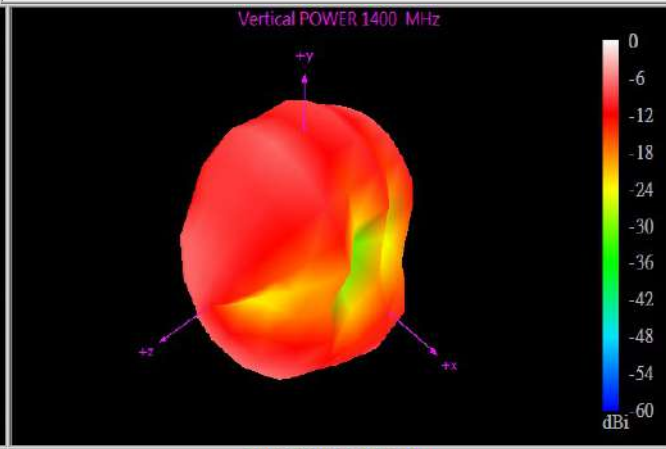
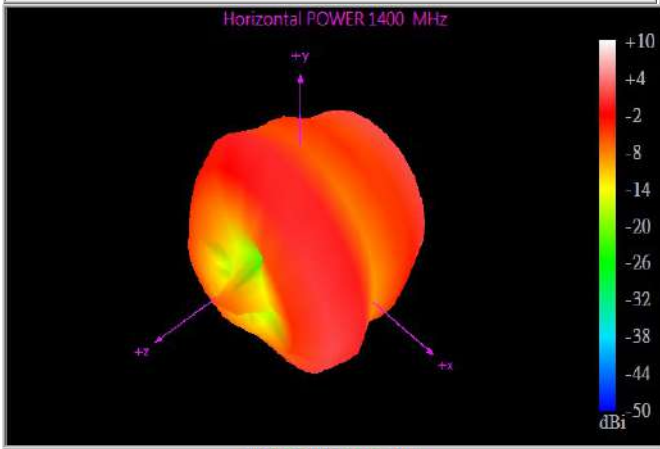
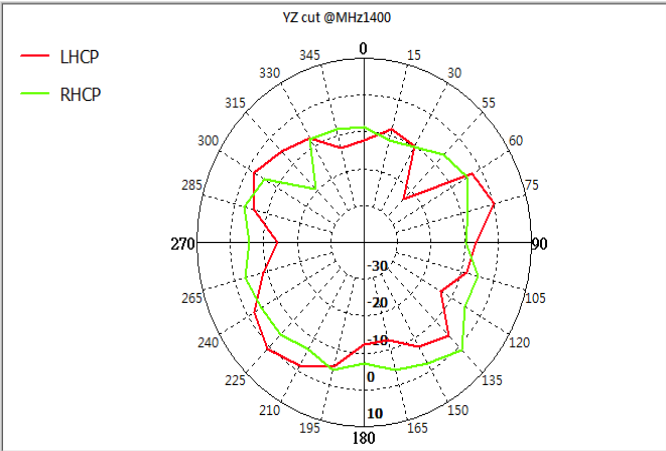
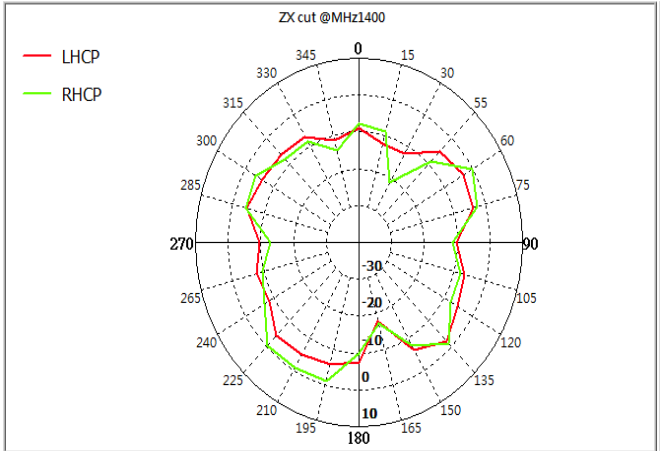
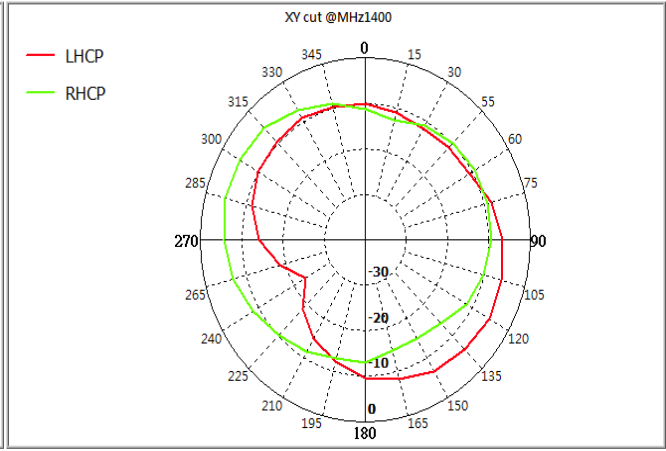
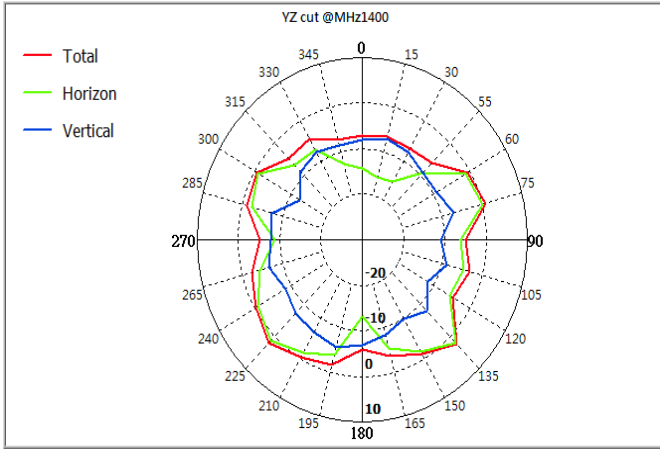
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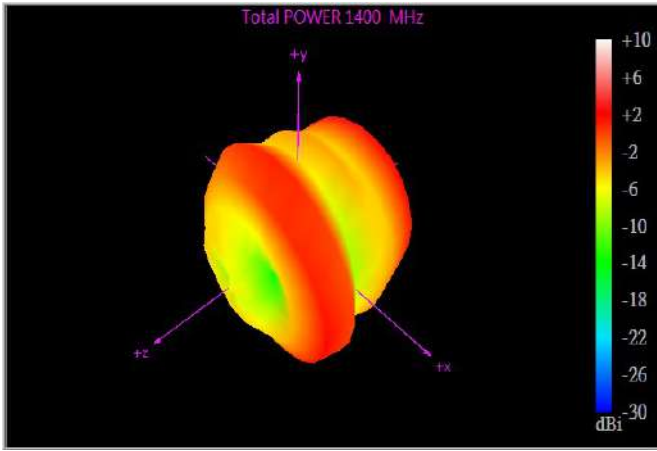




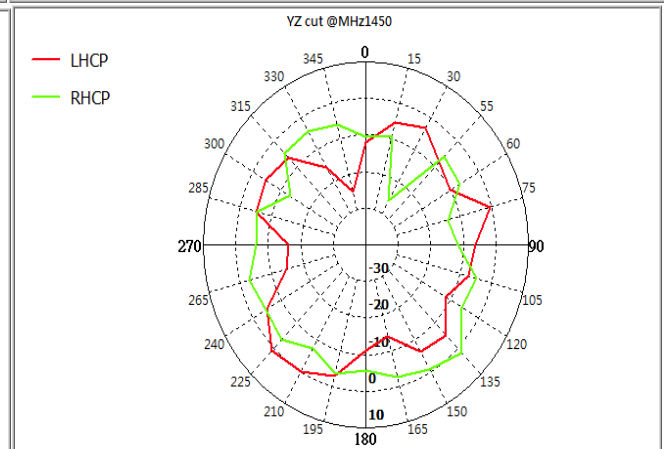
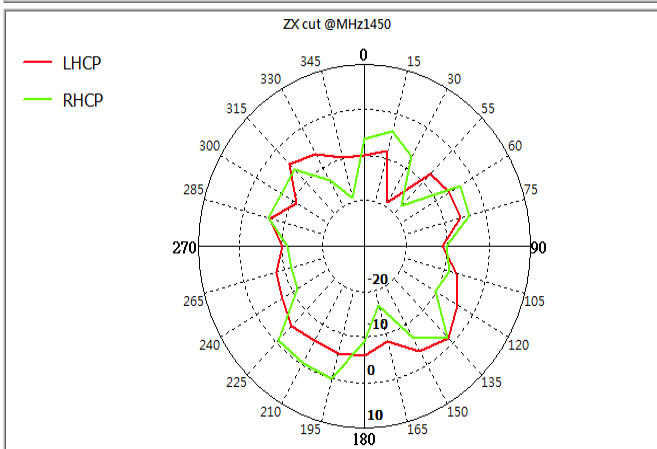
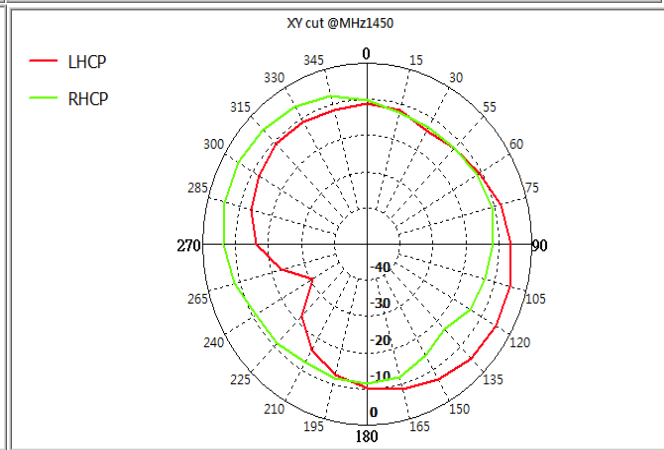
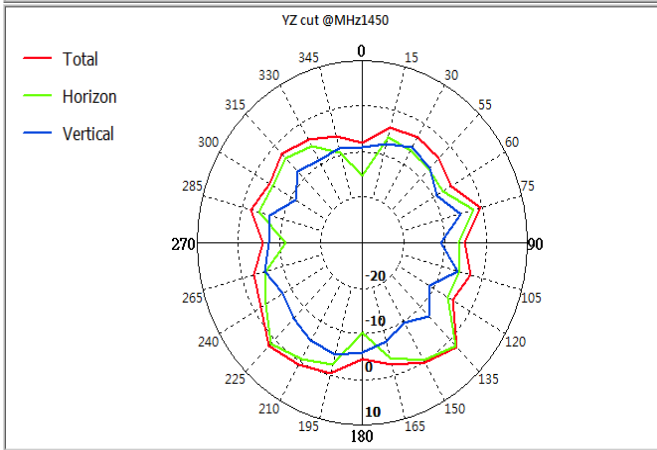
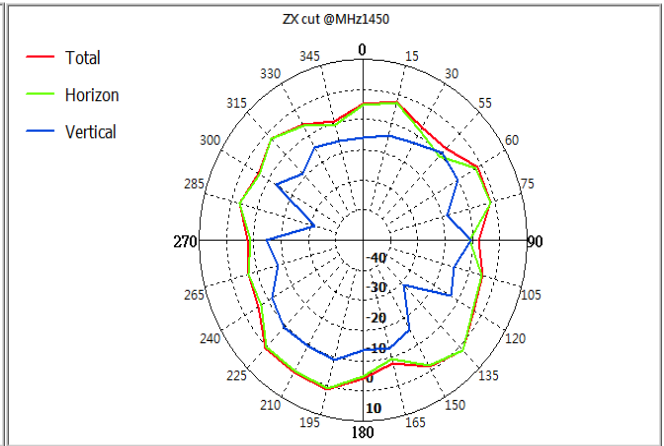
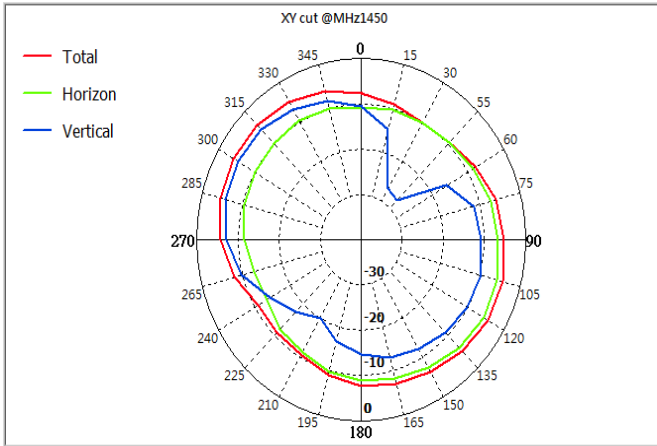
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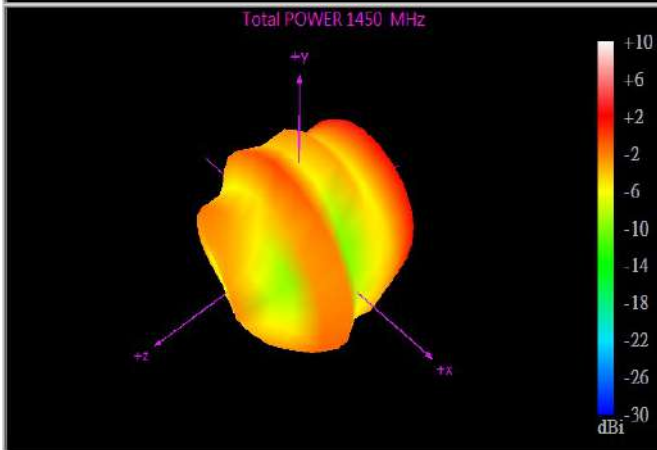
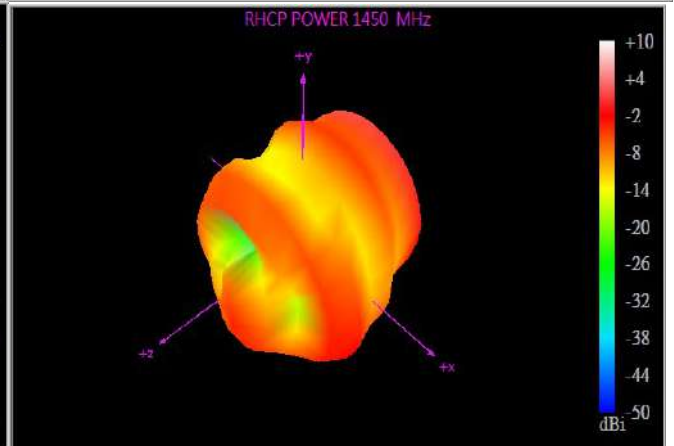
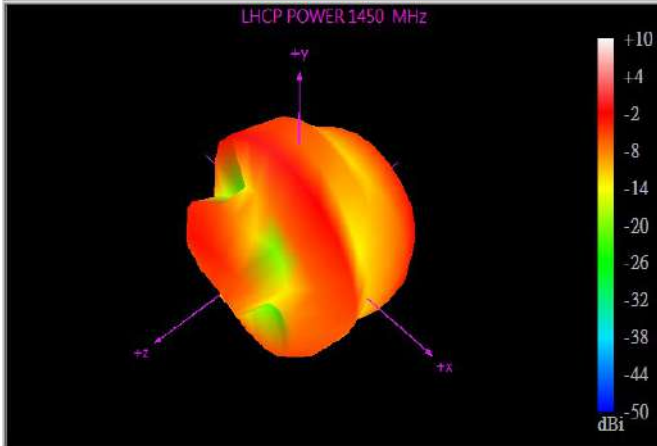
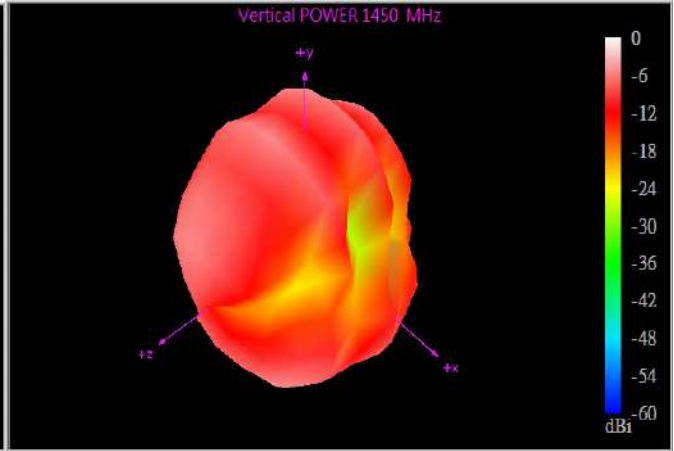
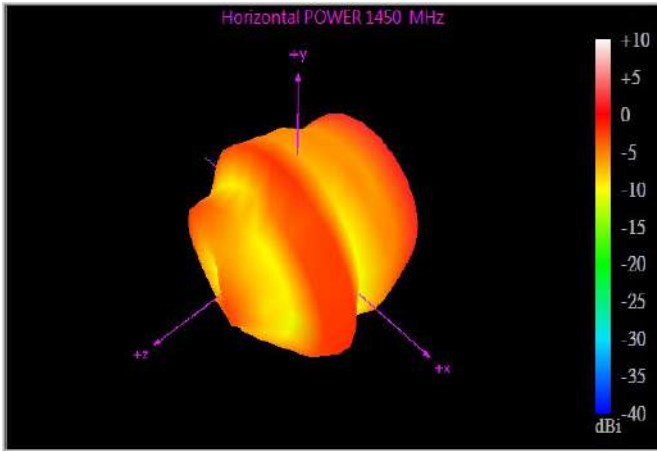




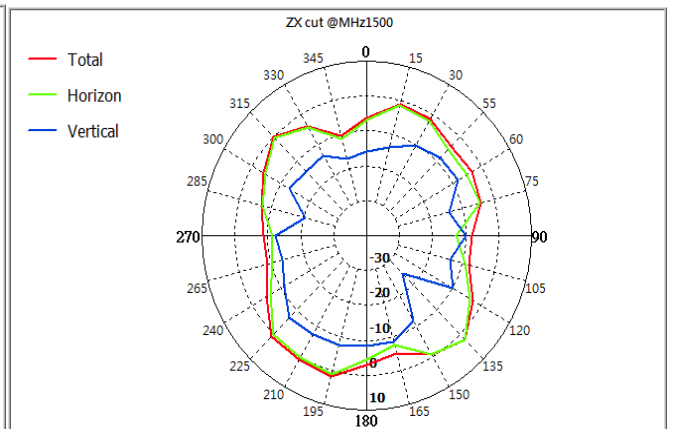
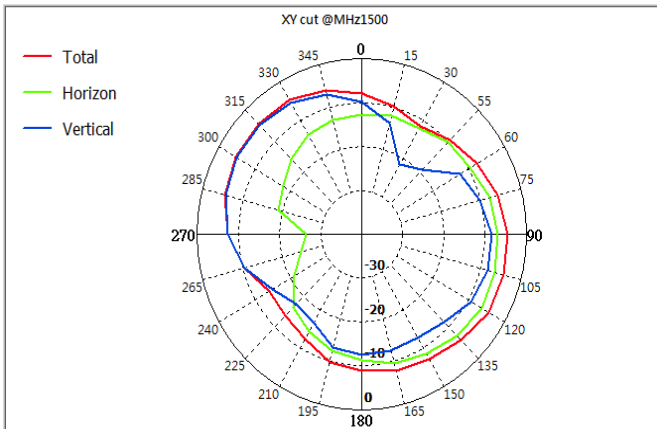


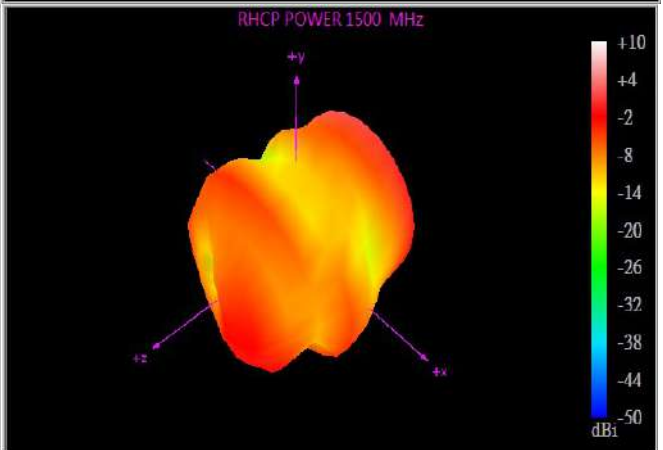
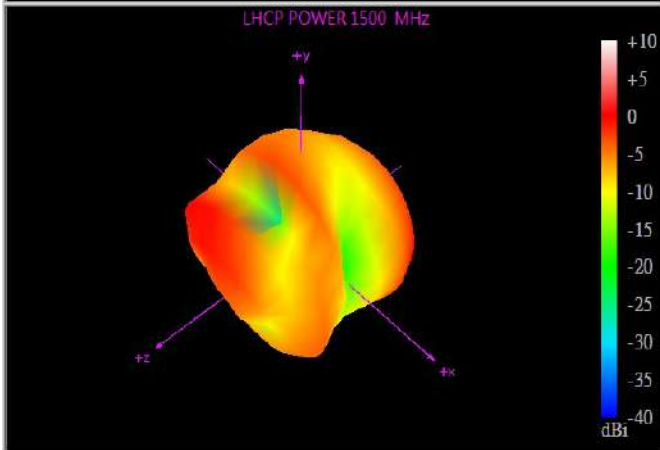
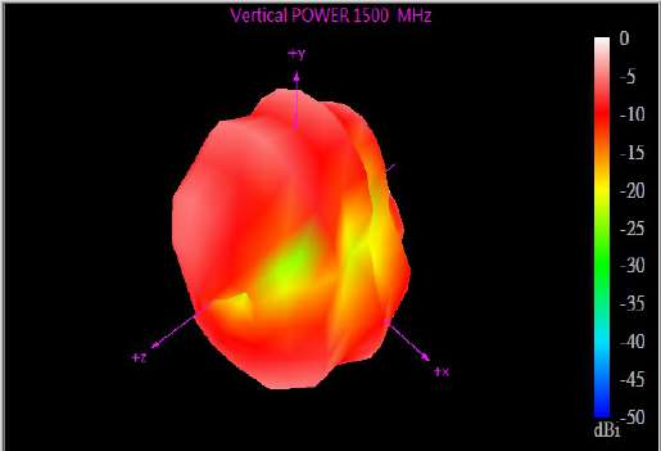
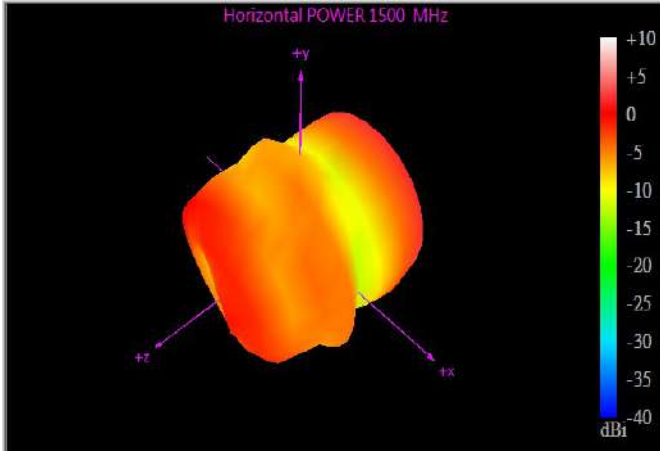
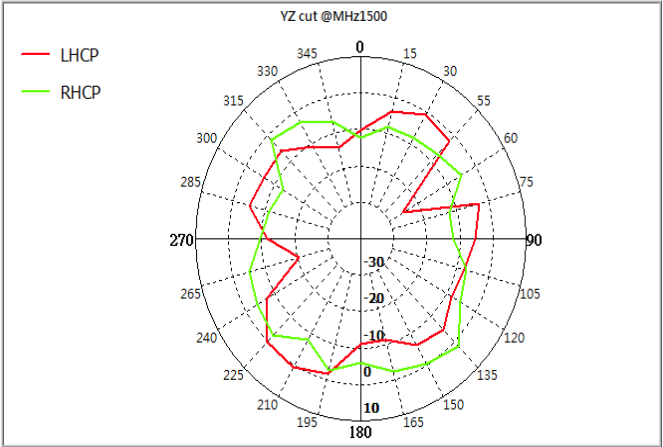
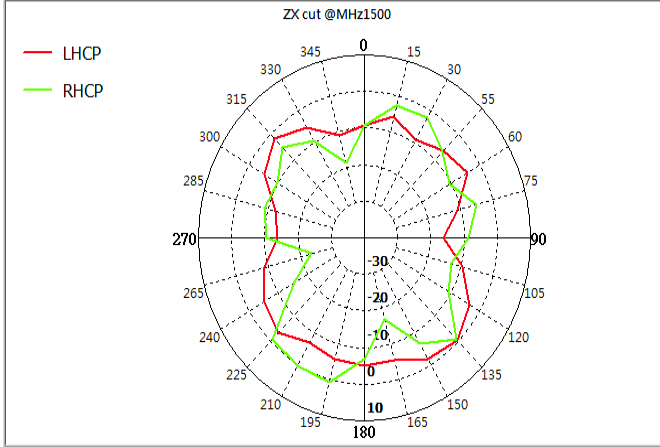
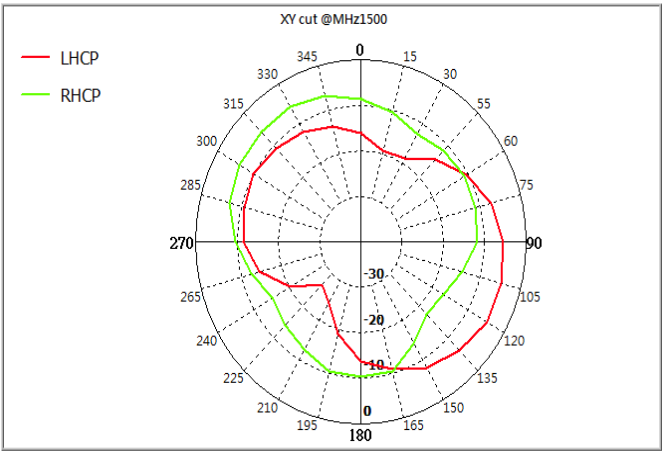
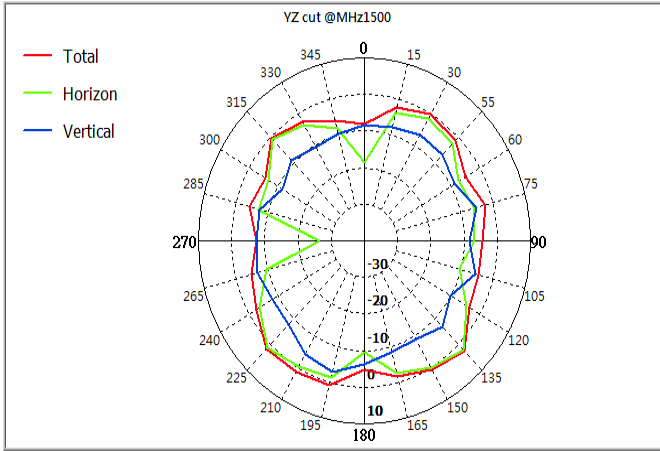
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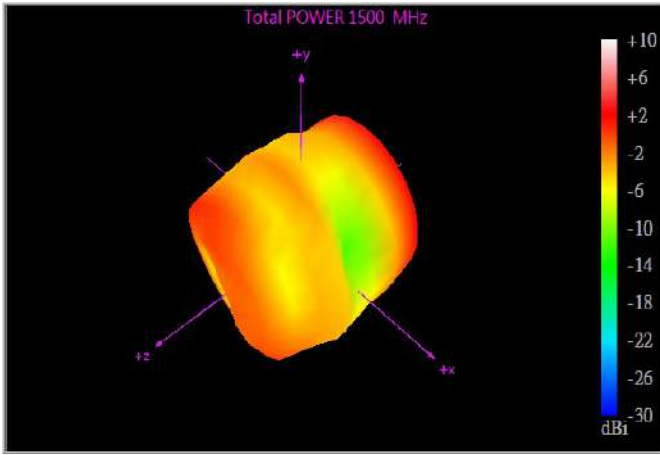




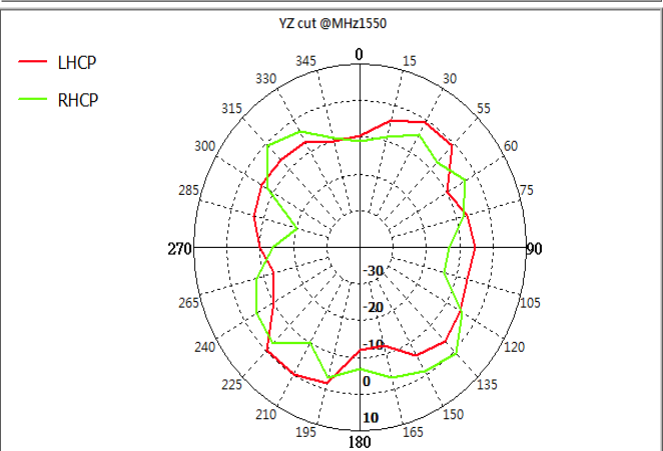
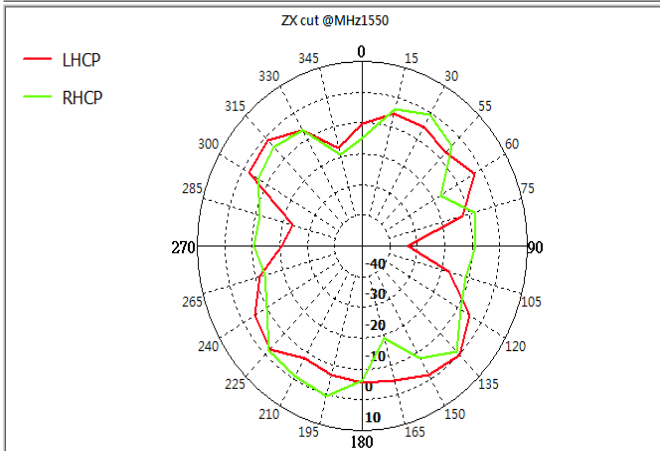
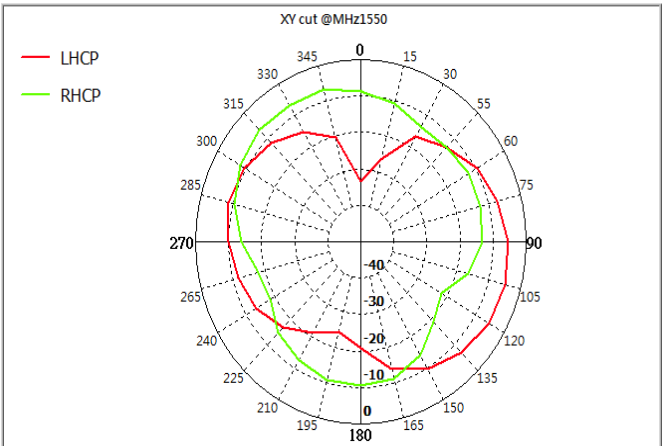
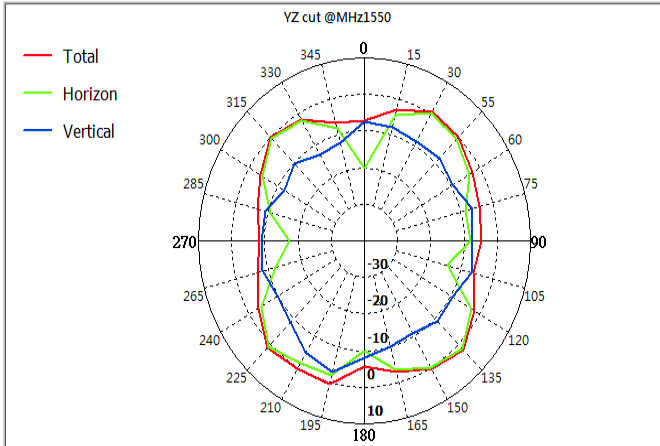
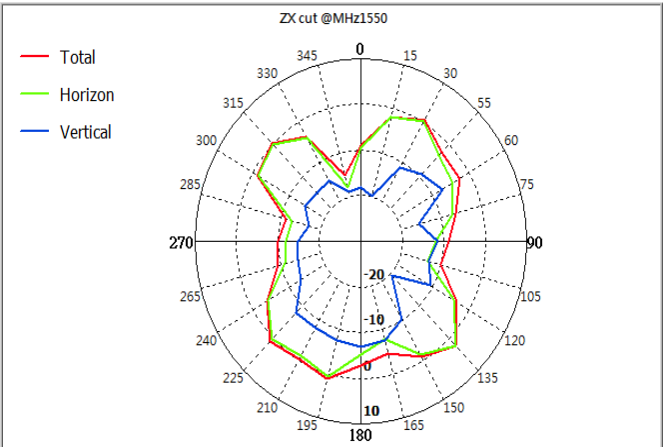
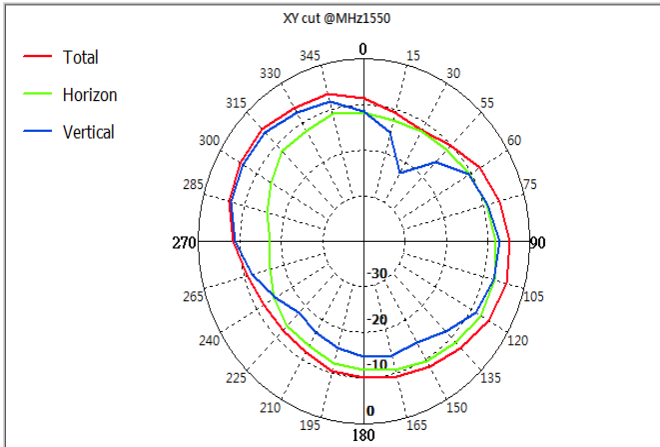
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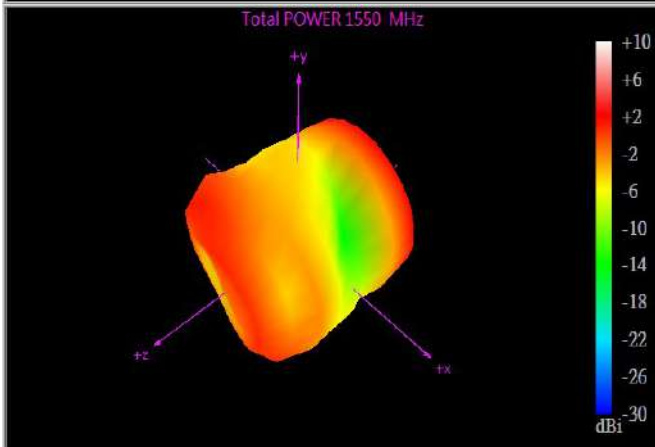
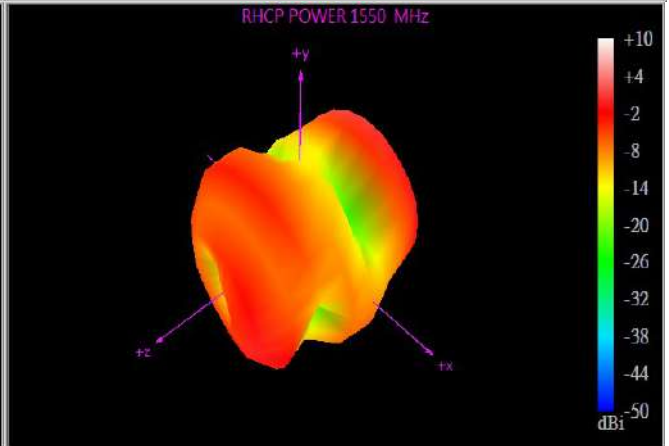
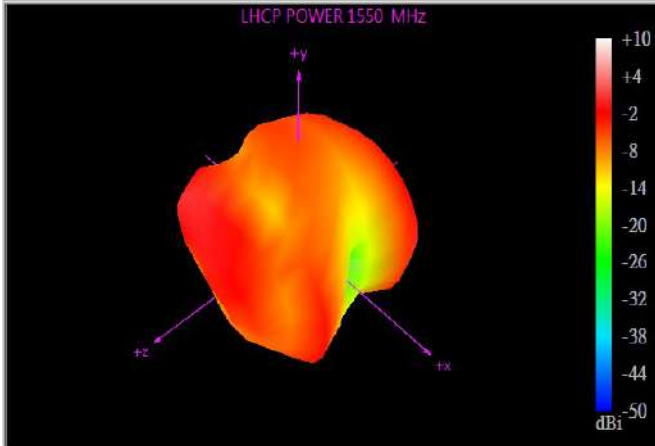
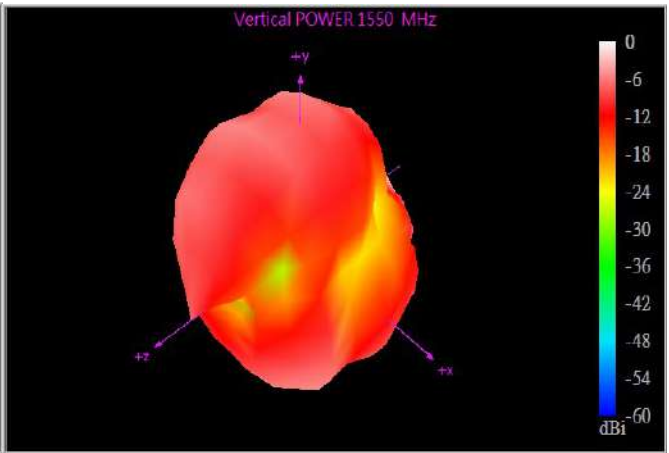
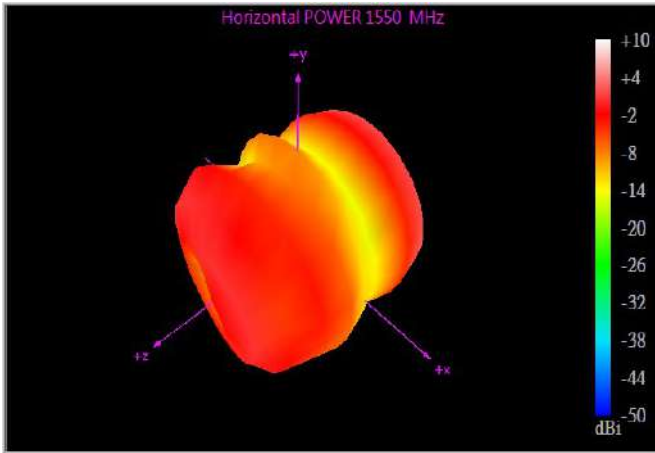






1550Mhz:





1600Mhz:

