

L Band Antenna

MODEL: TH-1217



1.. GENERAL DESCRIPTION

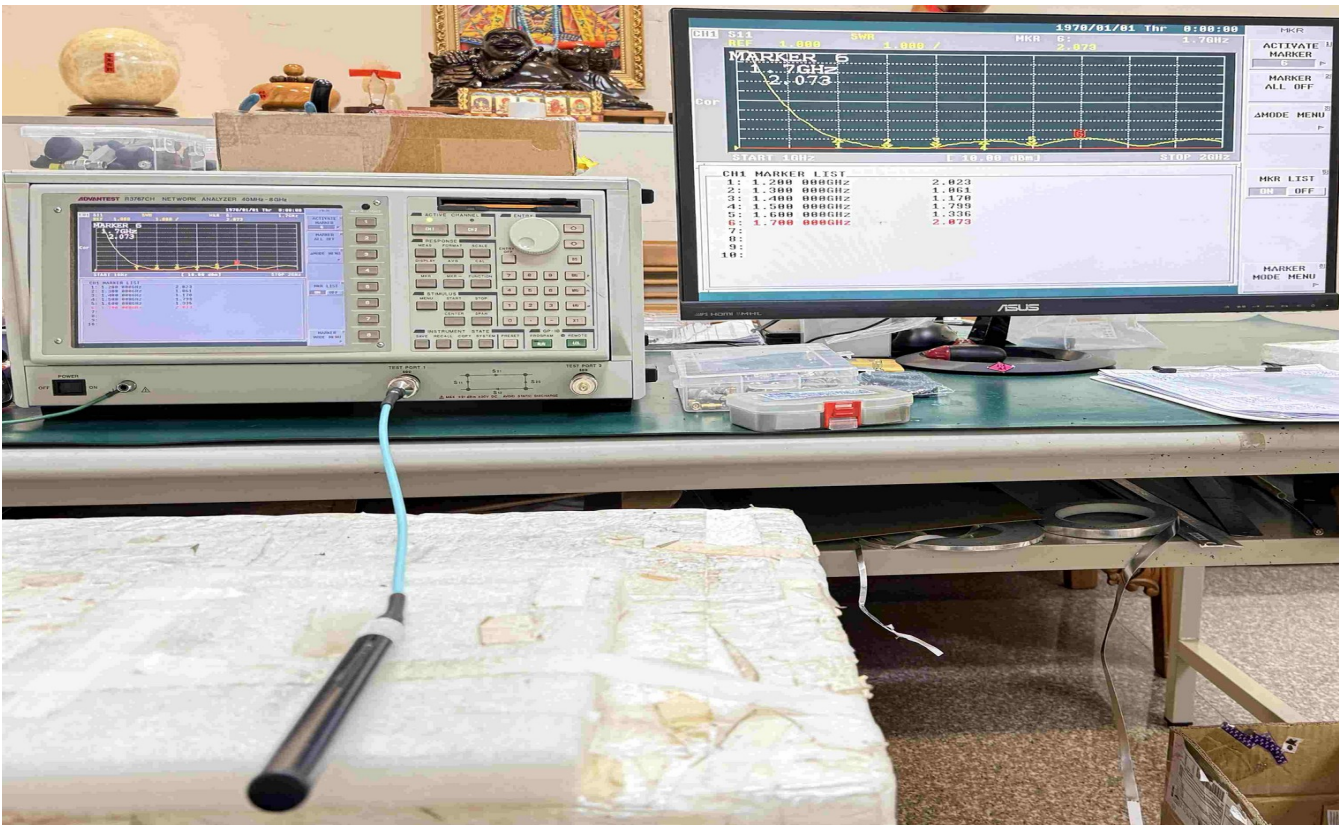
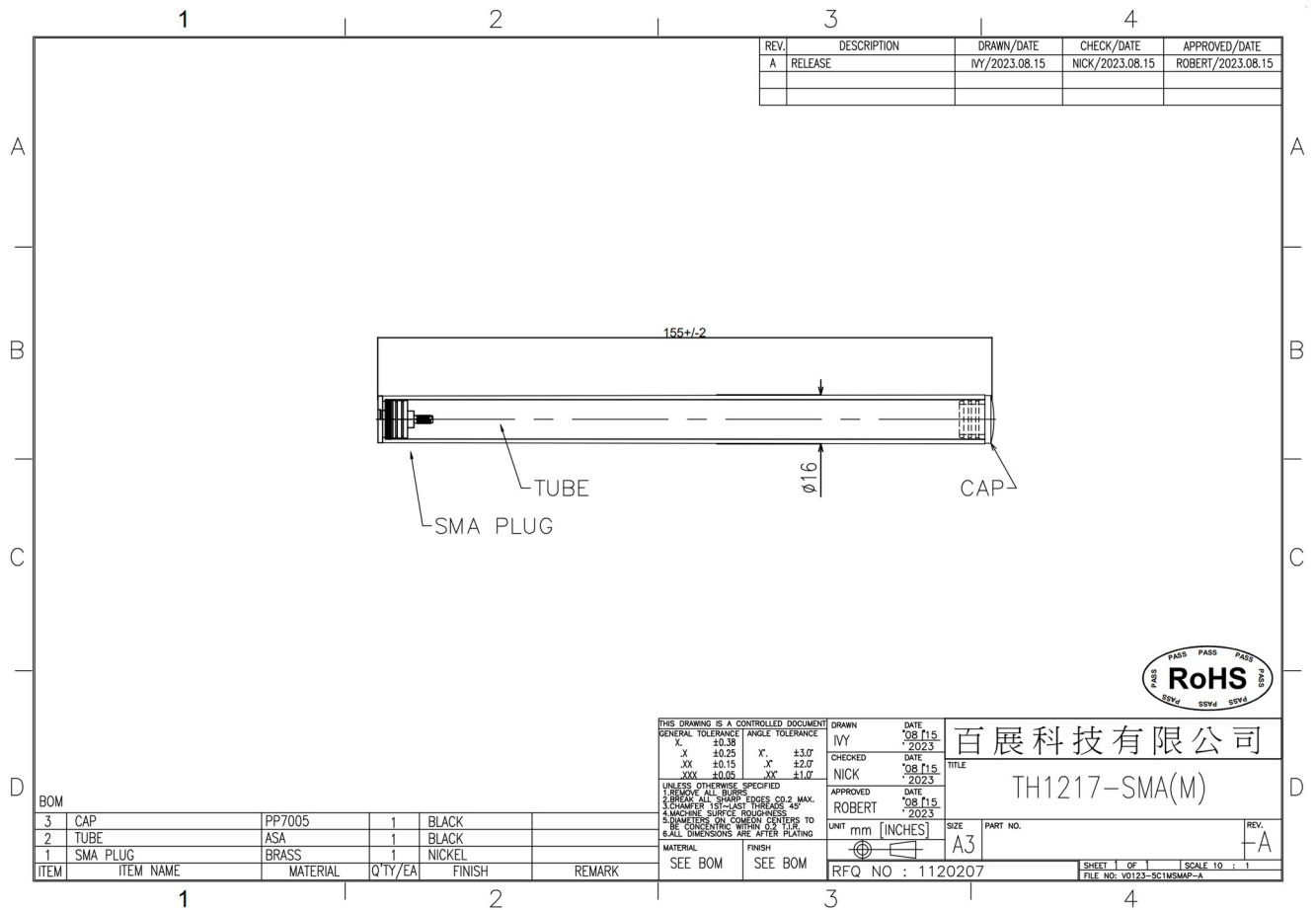
Model No
TH1217-SMA(M)

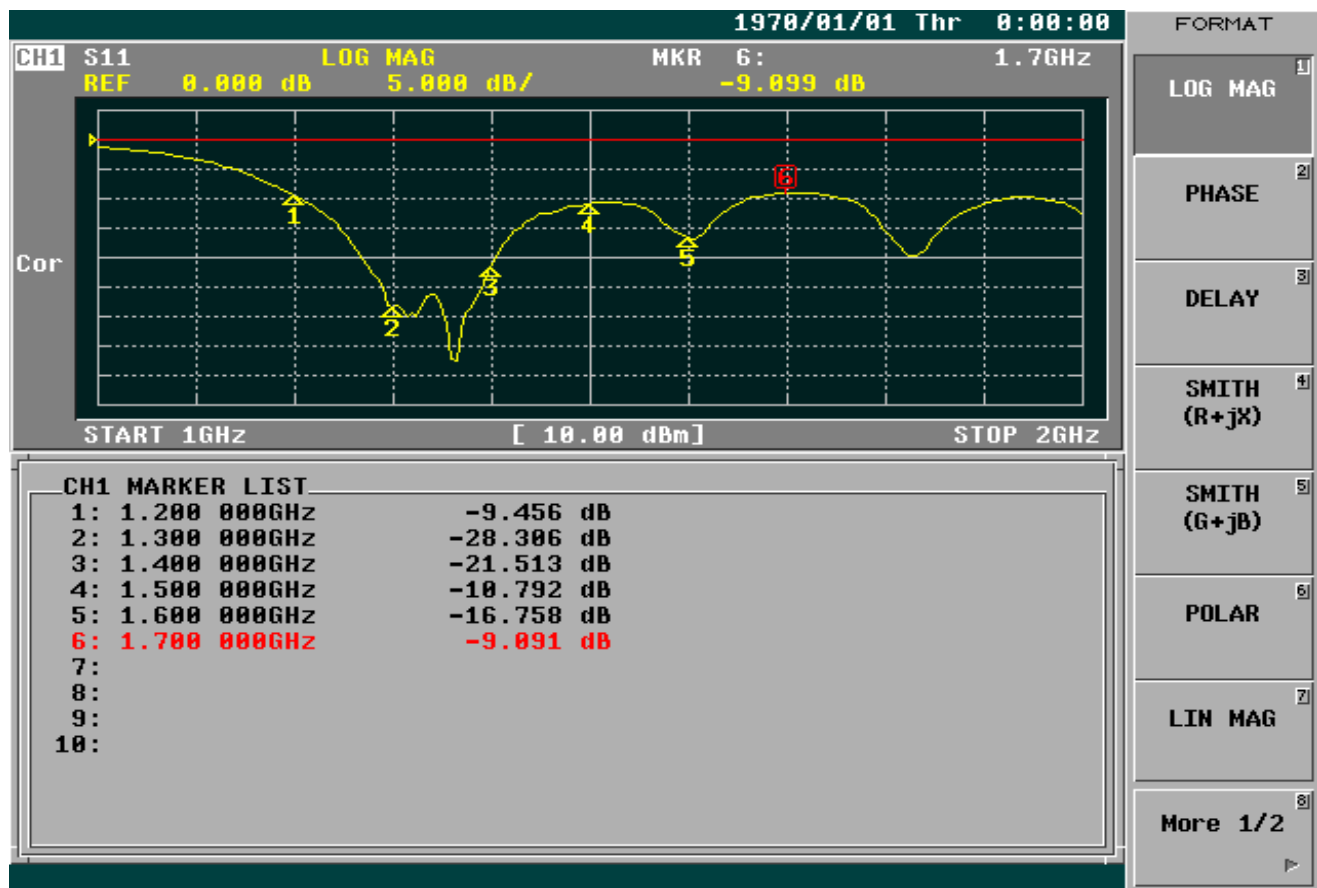
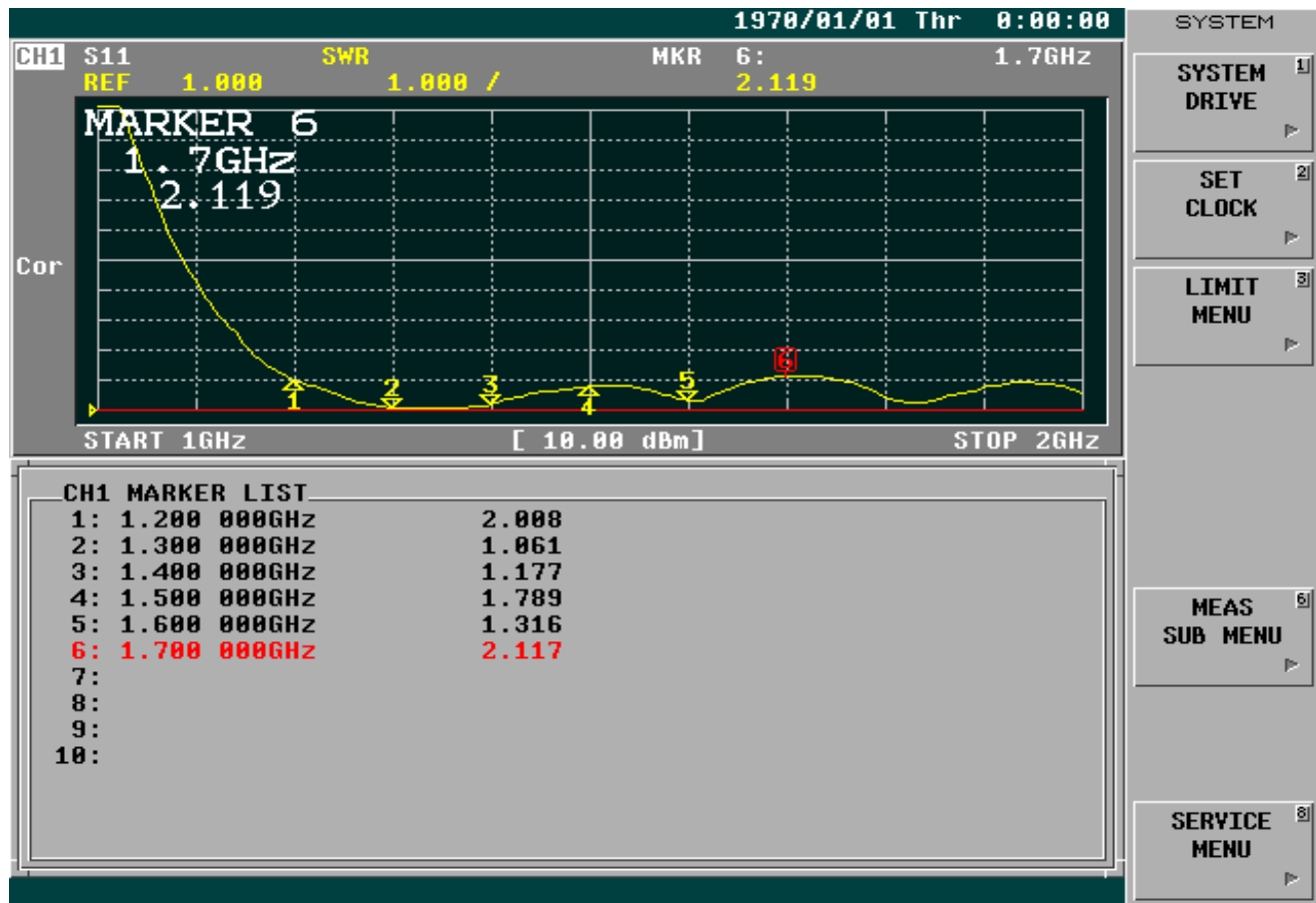
1.1 Electrical Properties

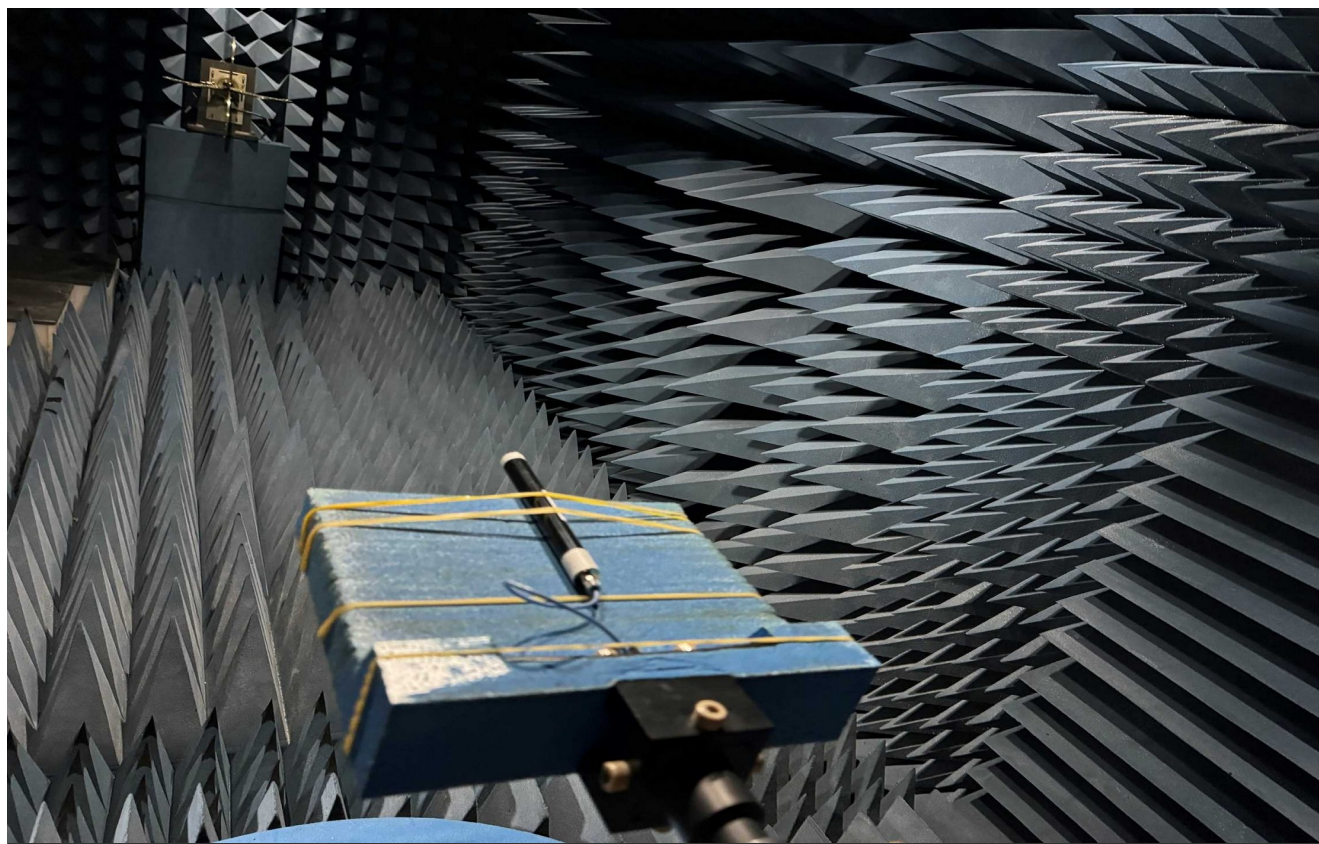
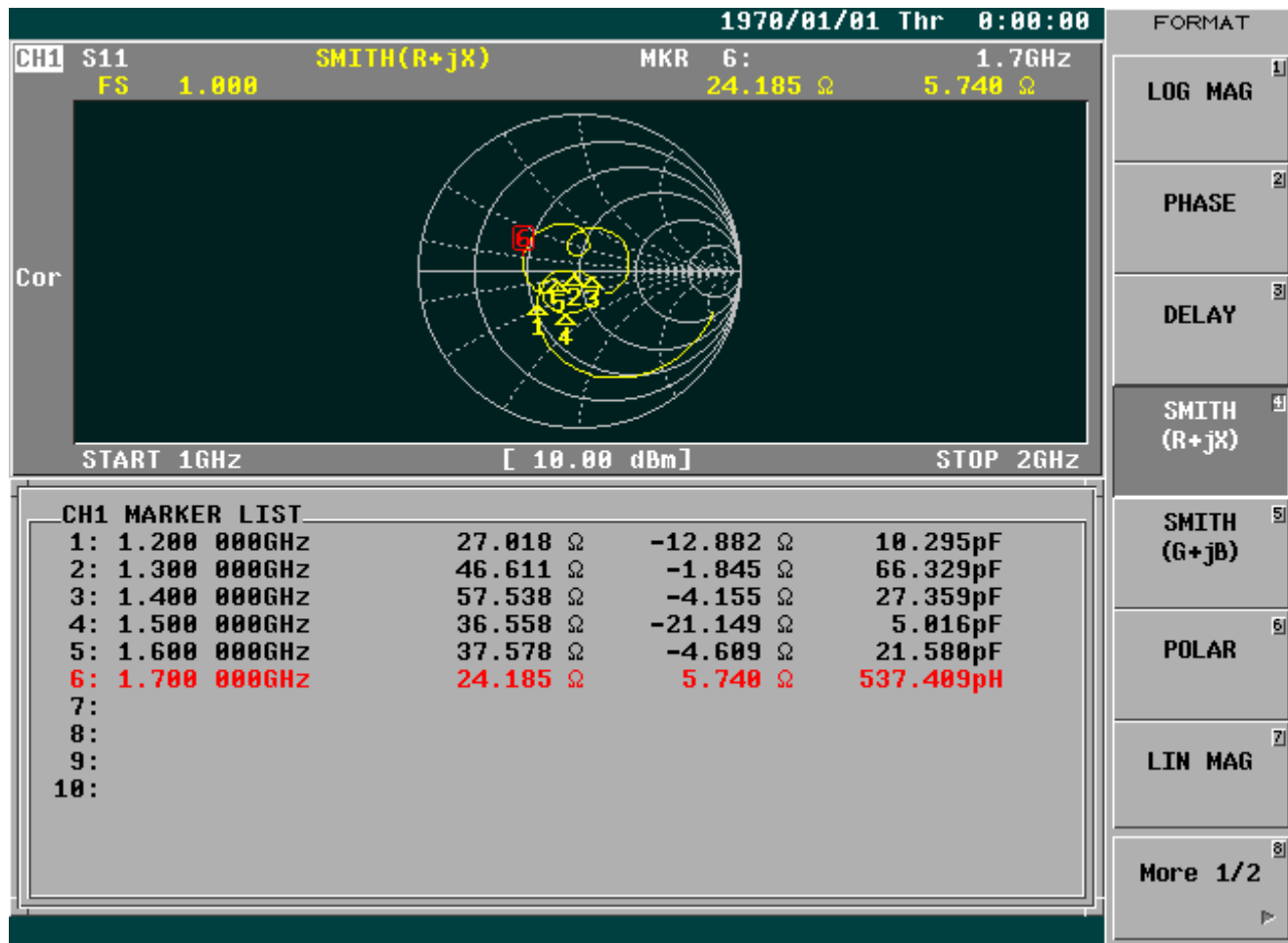
Parameter	Description
Frequency Band	1200~1700Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.5:1
Peak Gain	0~3dbi
Power	20W

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



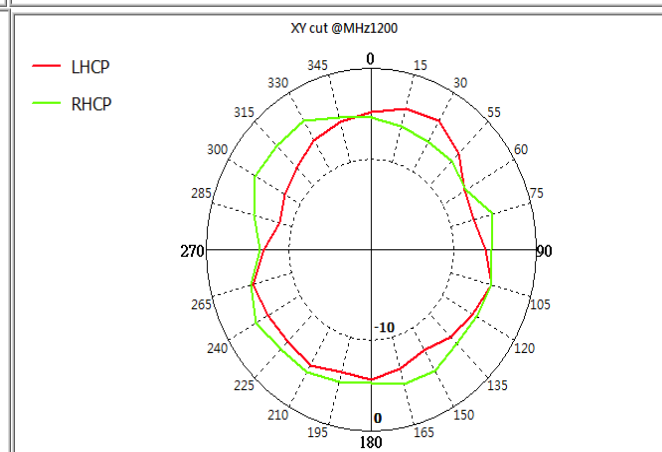
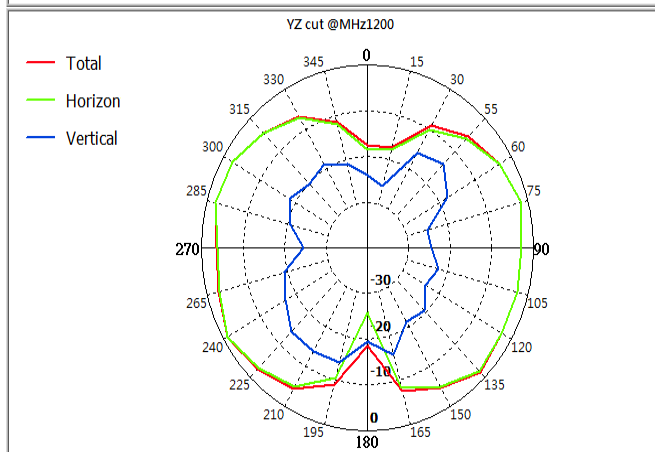
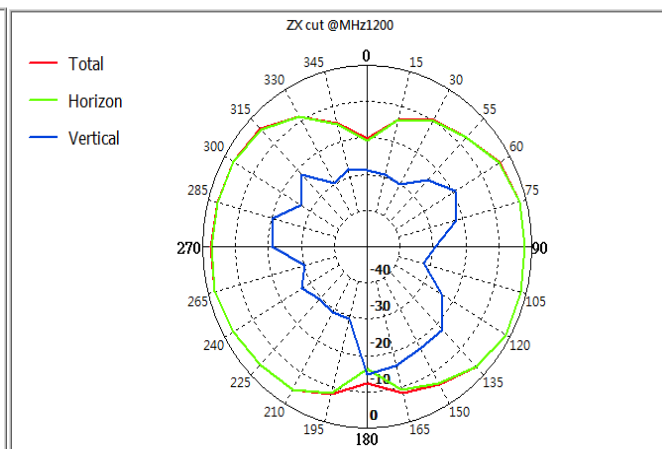
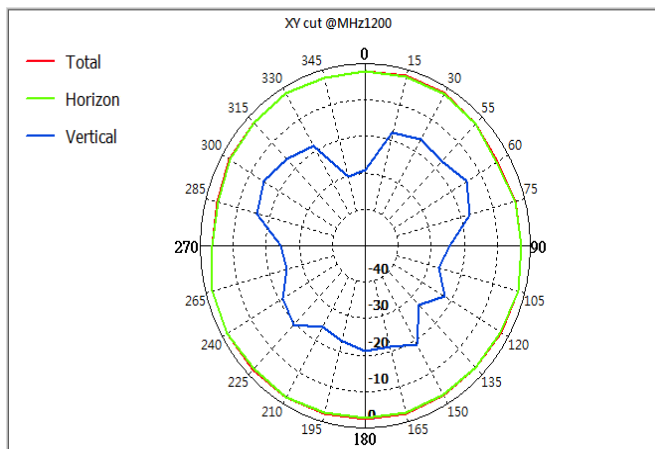


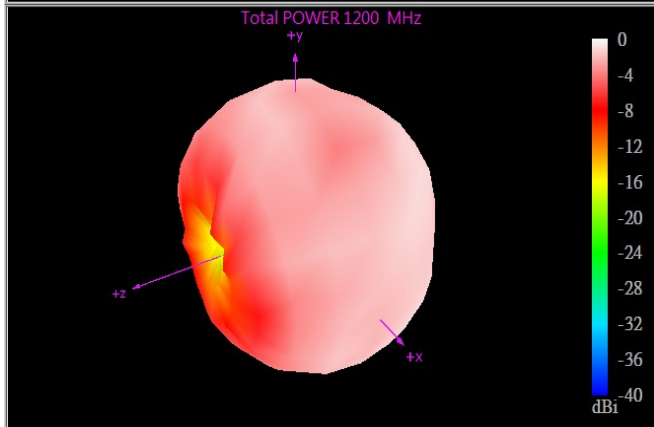
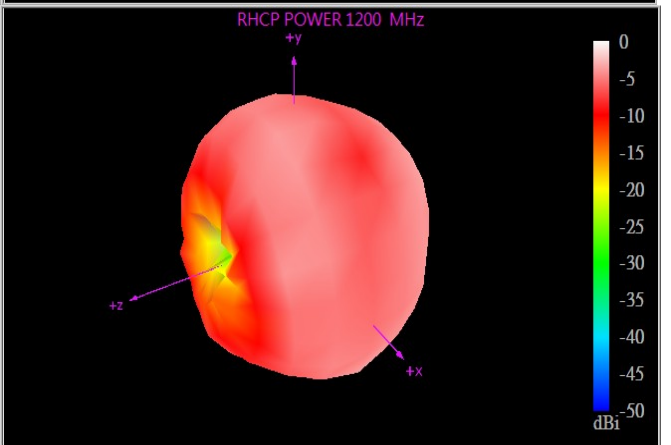
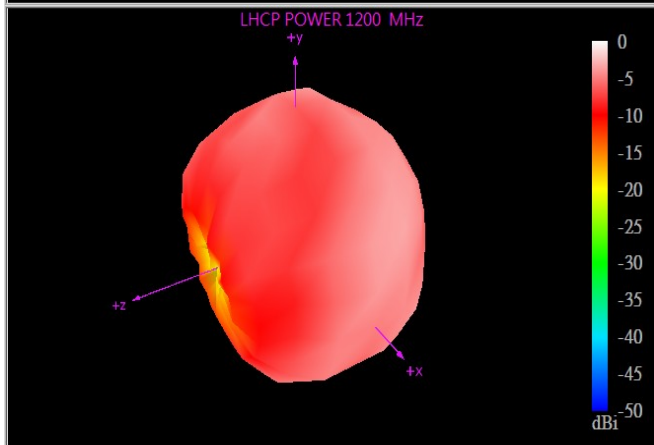
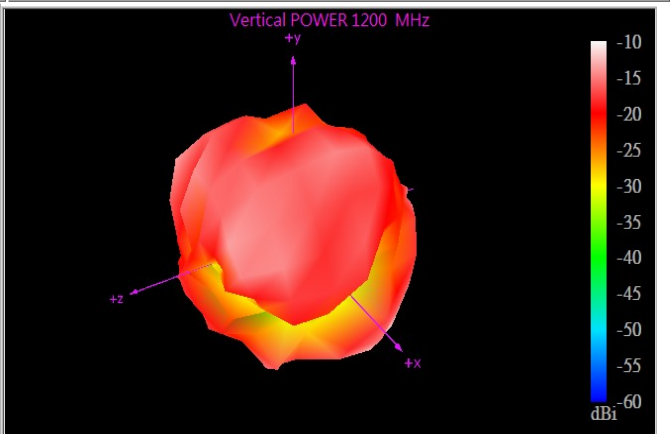
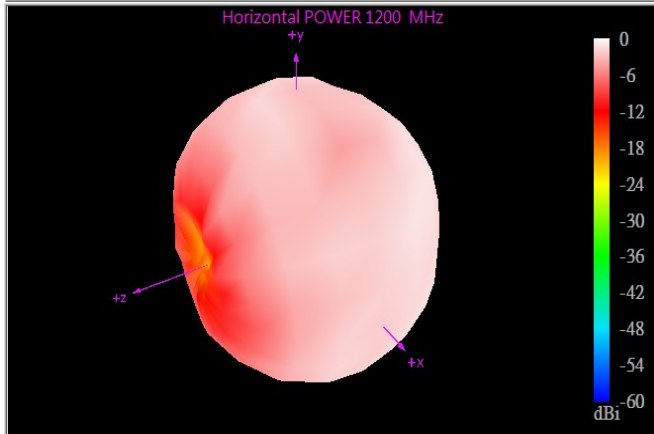
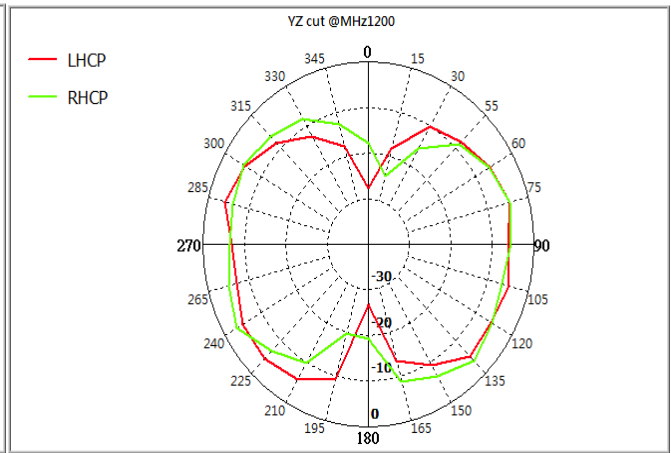
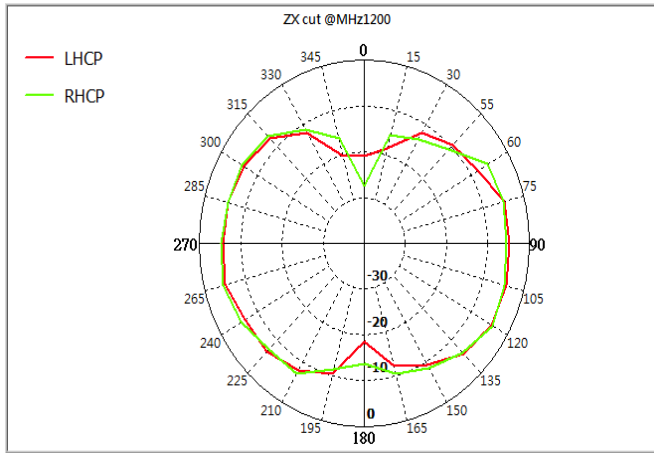


3D Total

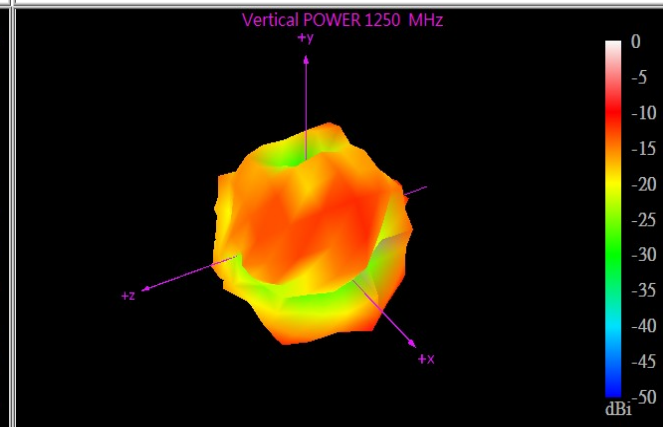
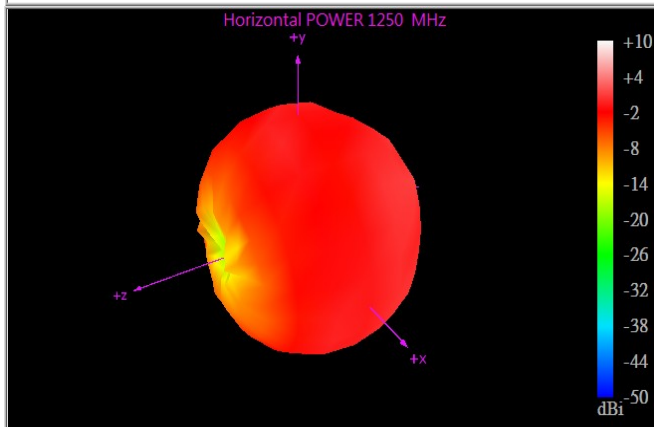
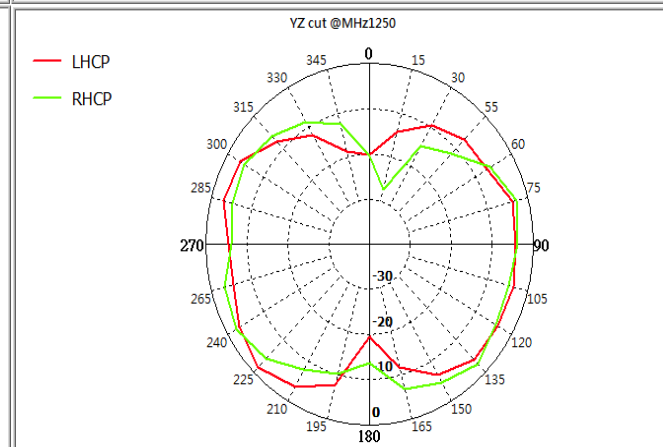
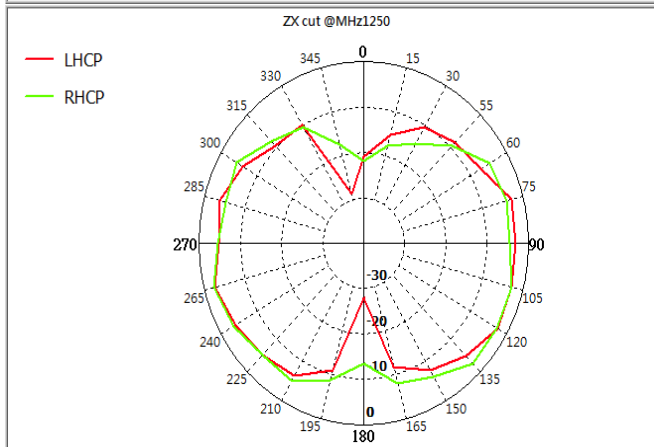
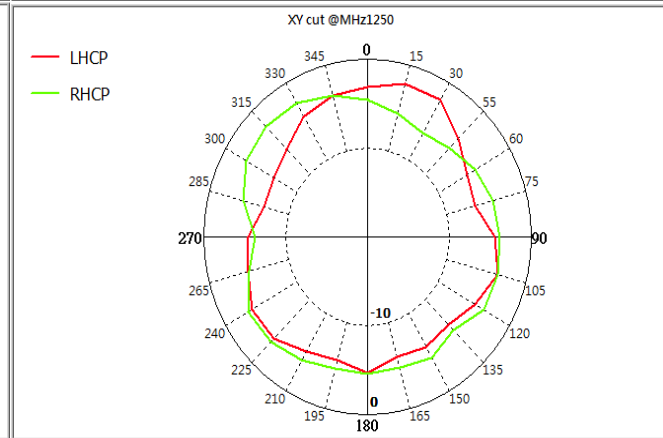
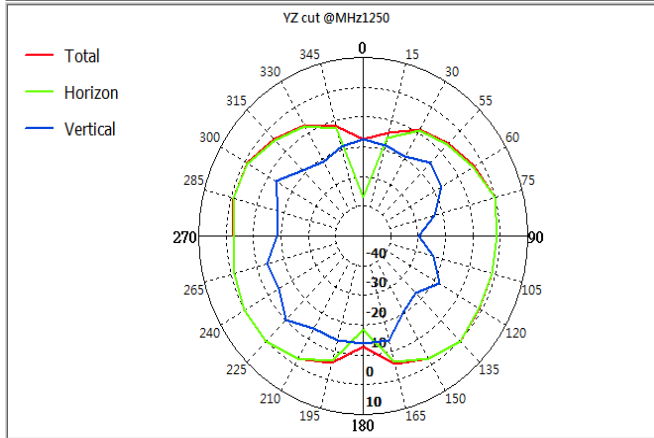
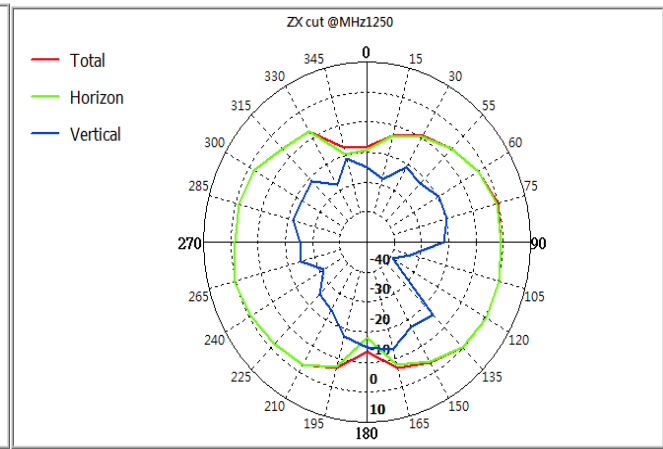
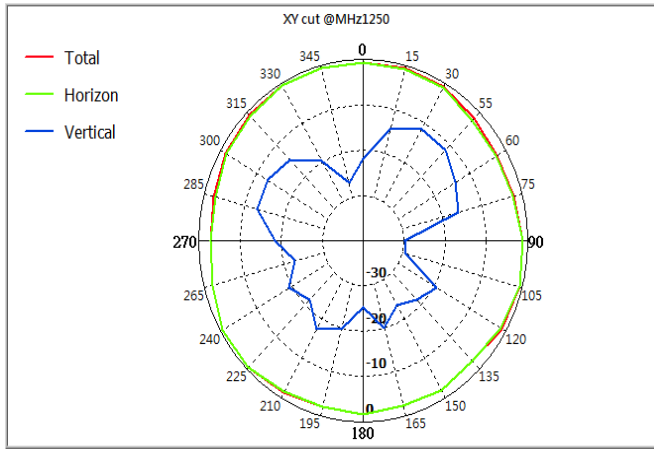
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1200 MHz	-7.18	-6.00	-3.54	44.26	-0.64	-3.54
1250 MHz	-6.31	-4.25	-2.15	60.98	1.20	-2.15
1300 MHz	-7.51	-3.87	-2.31	58.73	1.87	-2.31
1350 MHz	-7.50	-3.41	-1.98	63.41	3.03	-1.98
1400 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

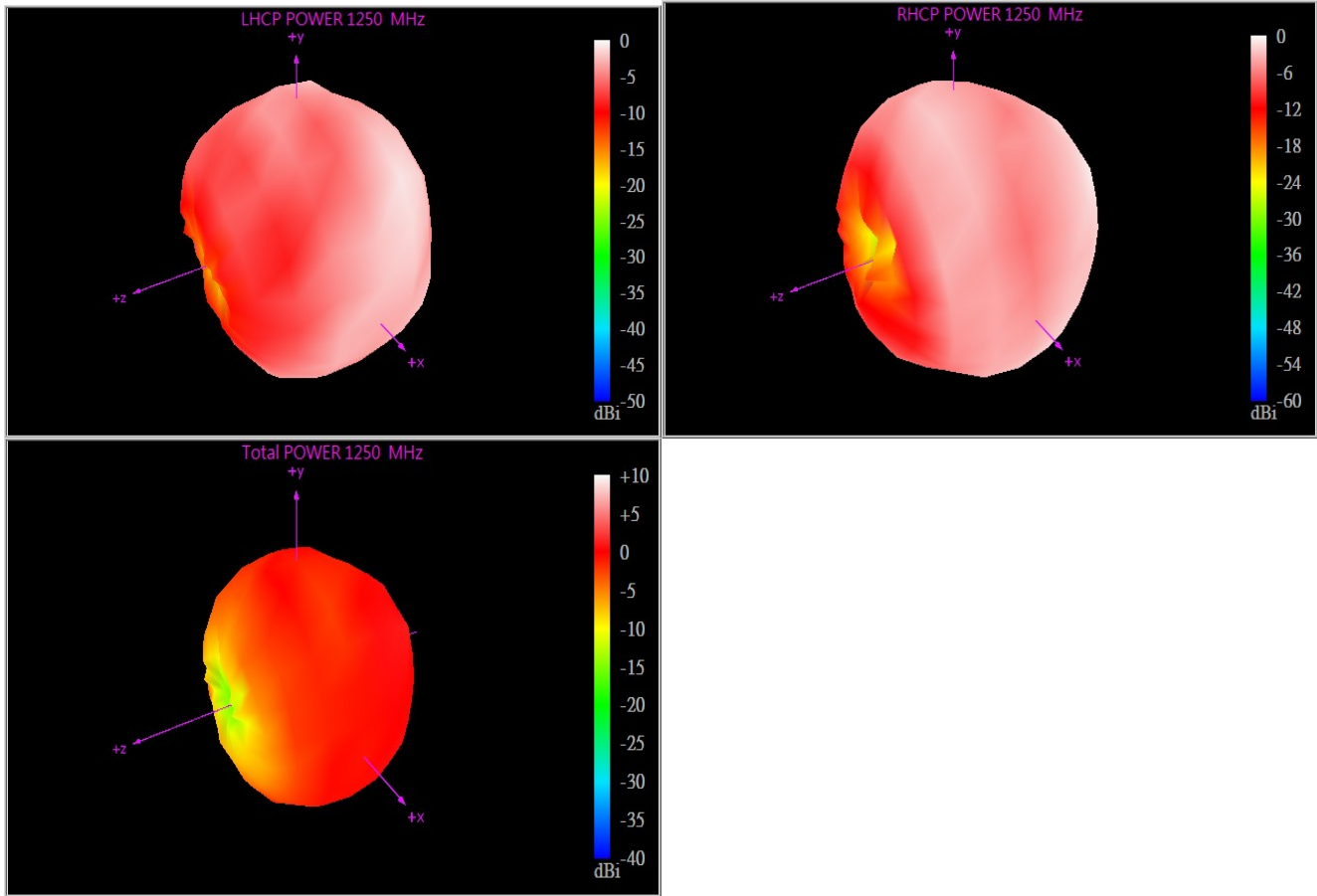
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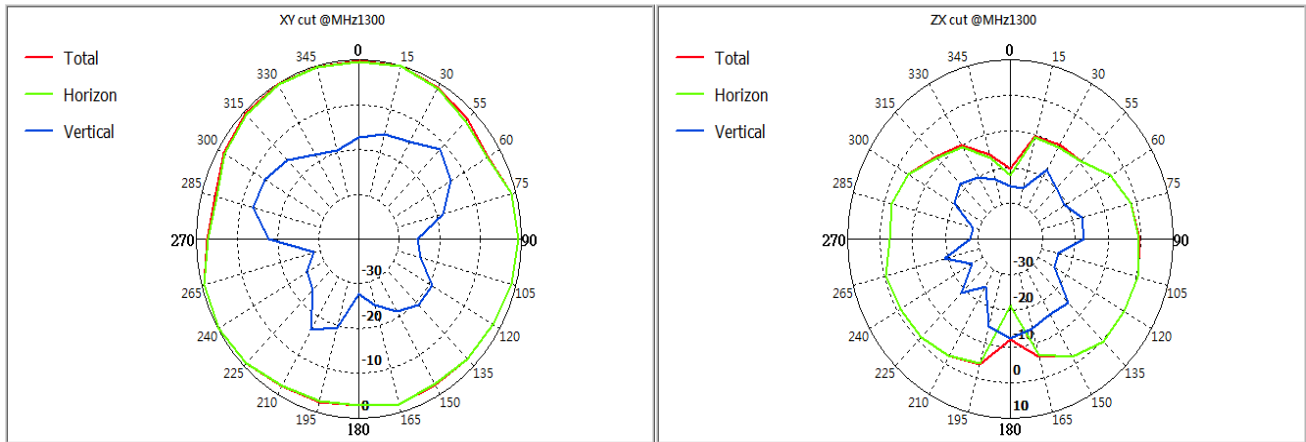


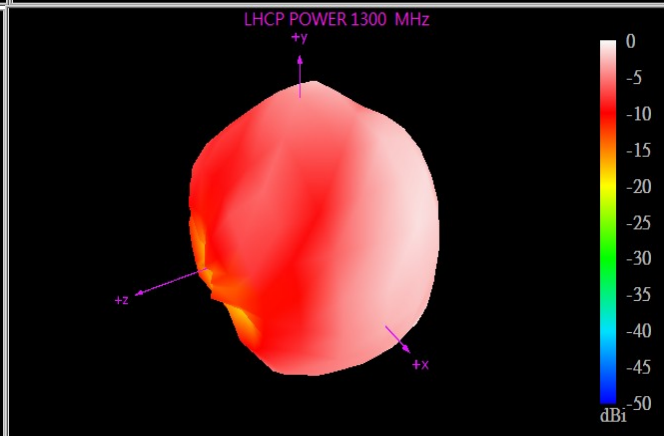
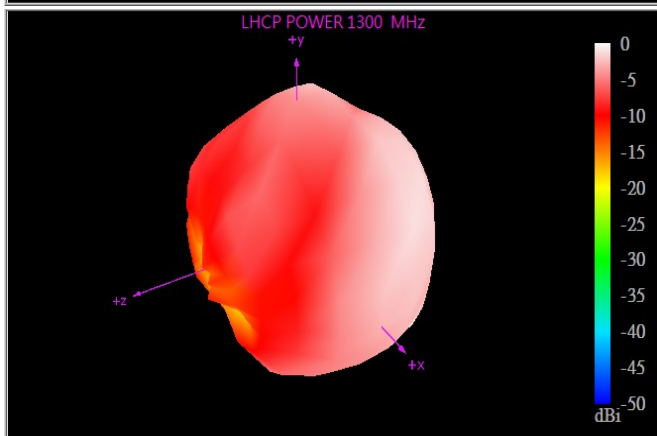
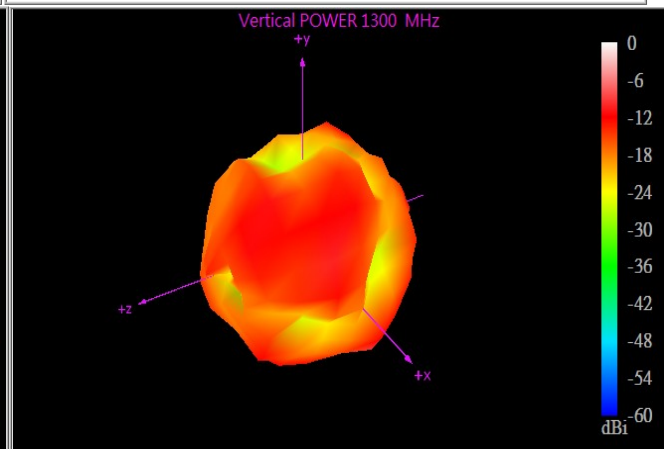
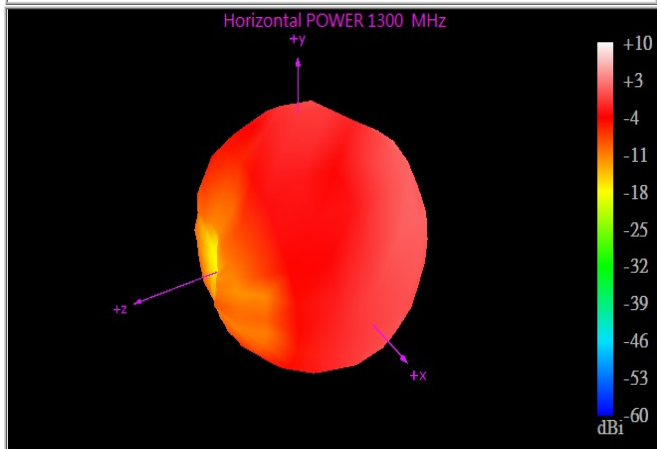
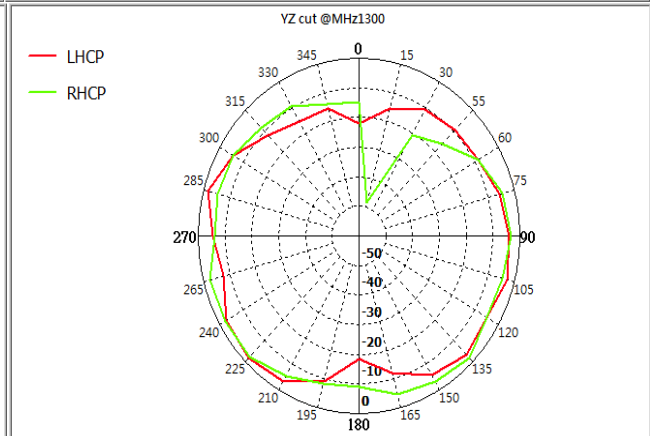
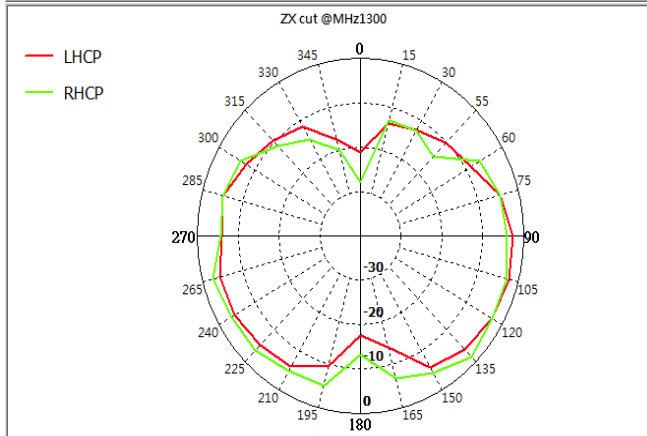
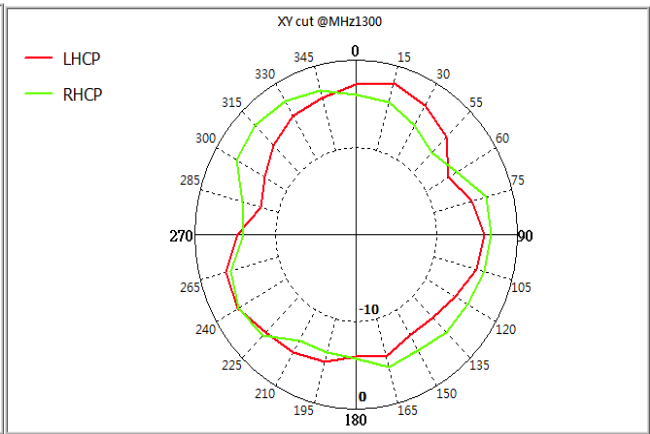
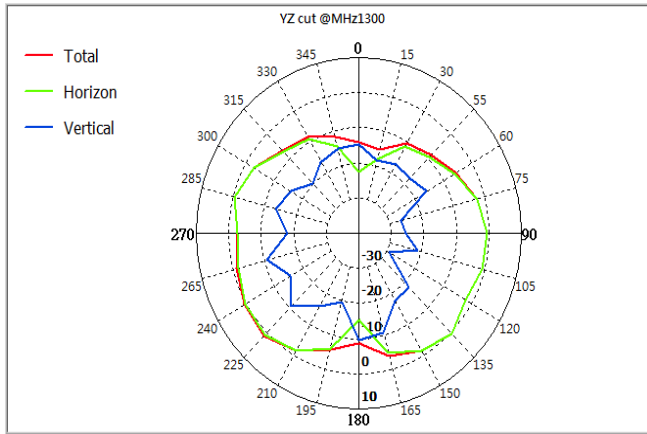
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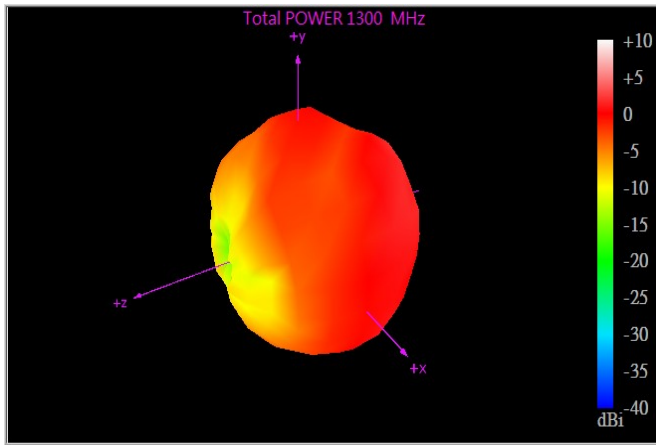




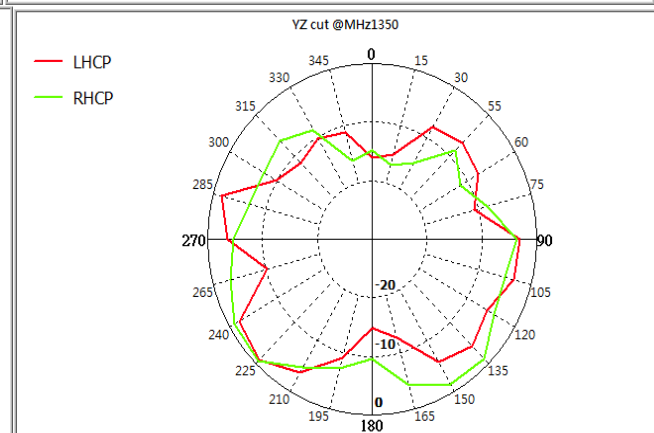
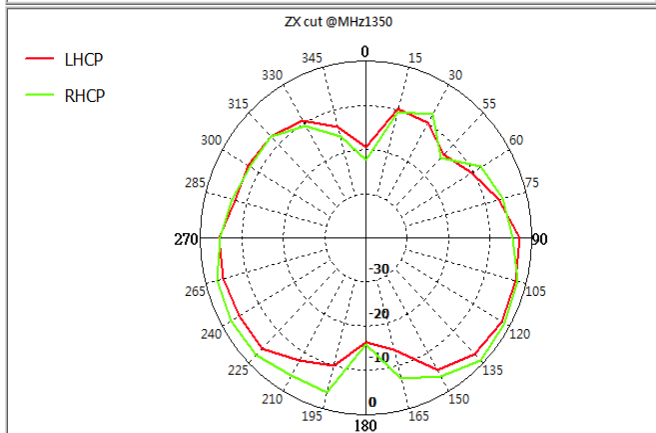
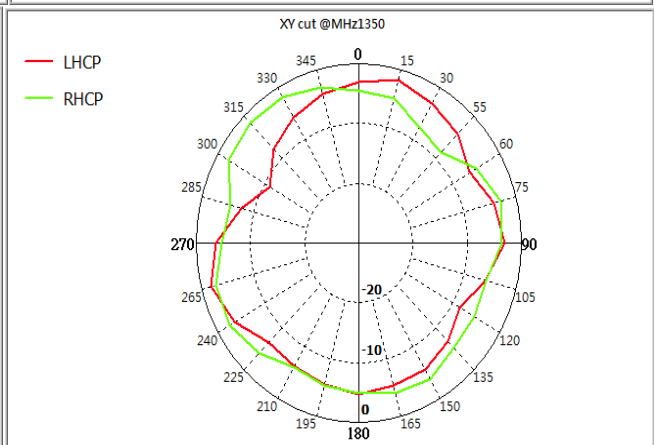
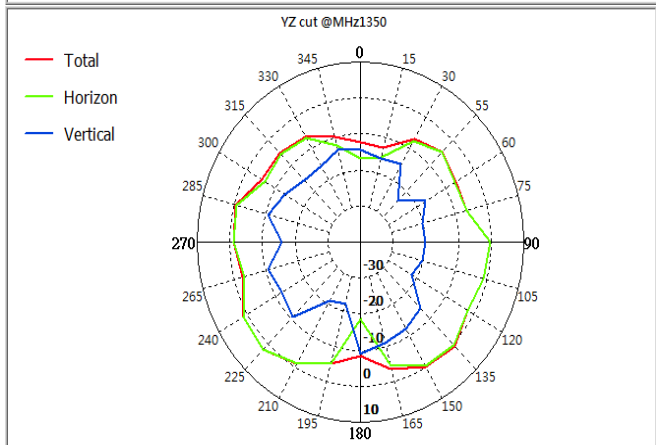
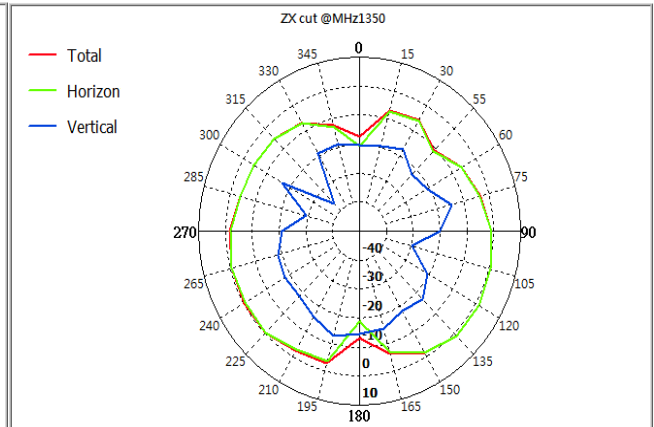
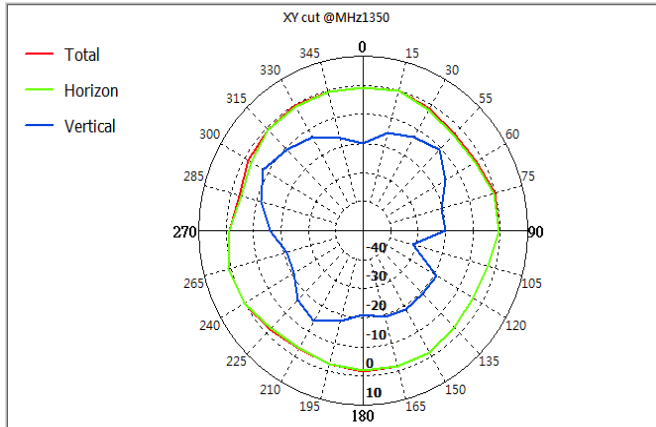
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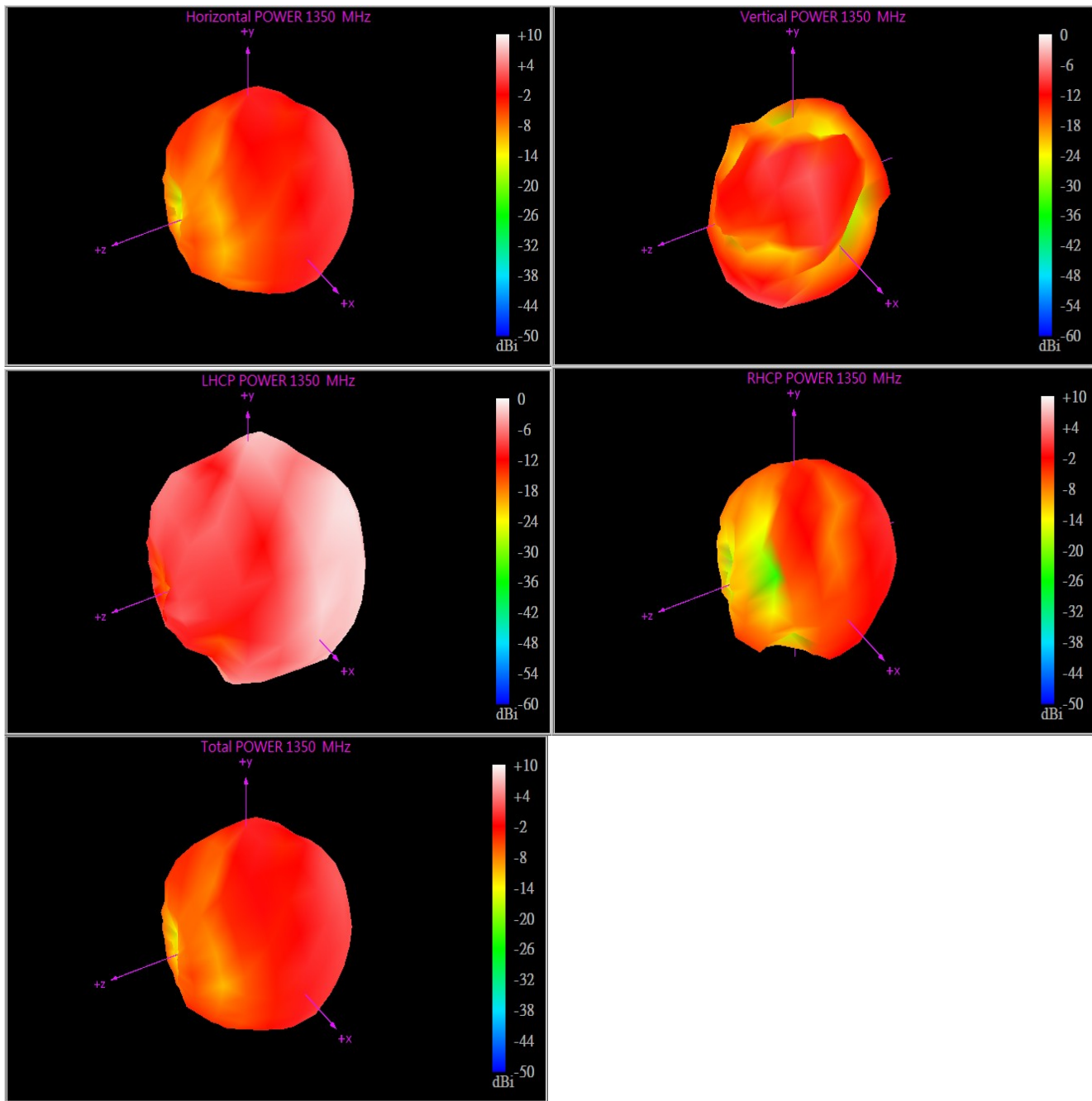




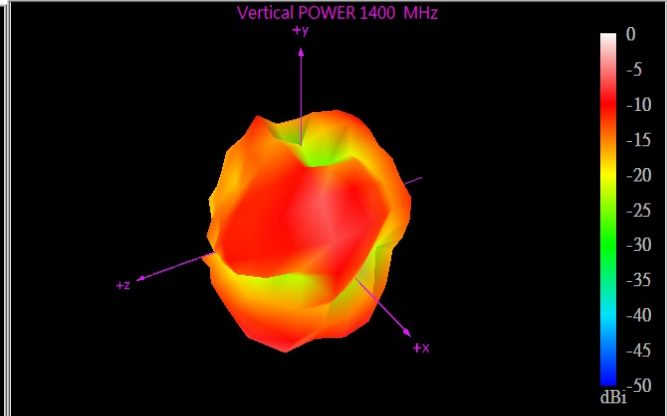
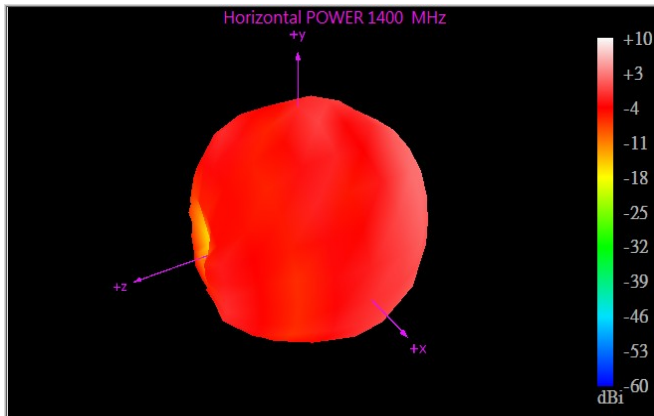
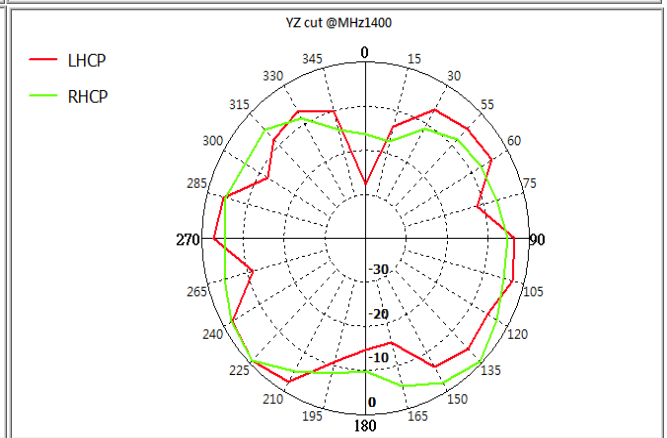
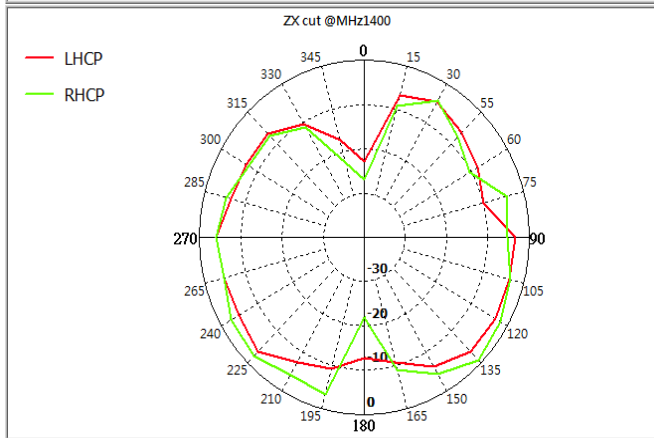
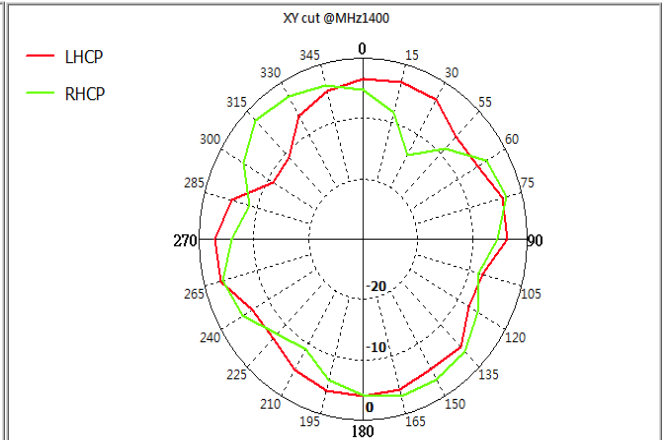
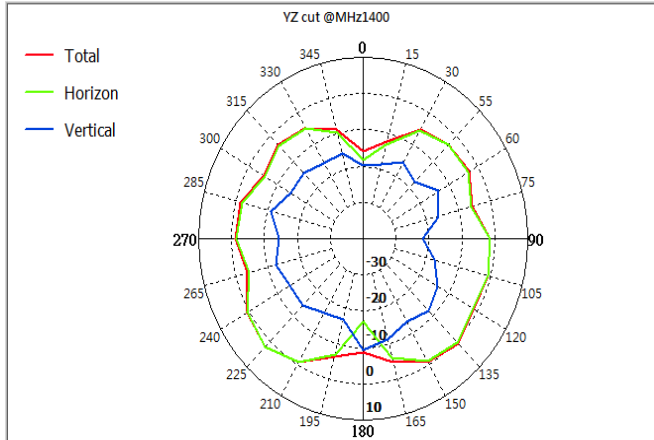
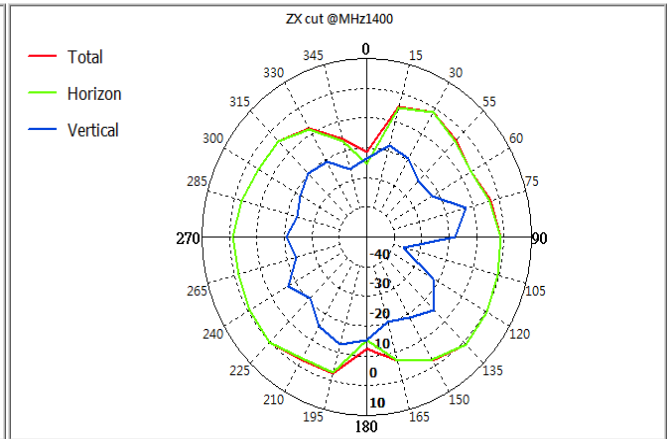
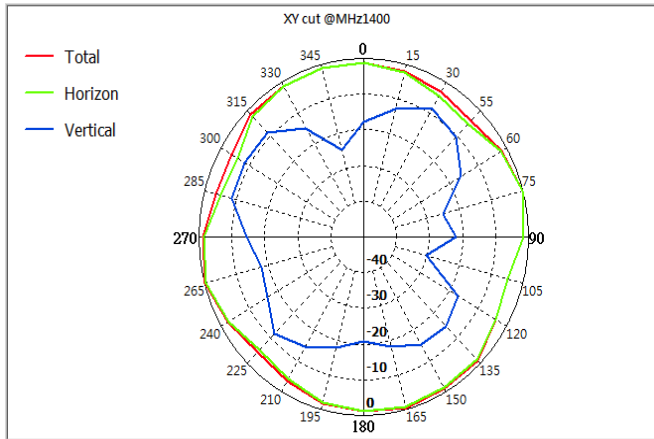


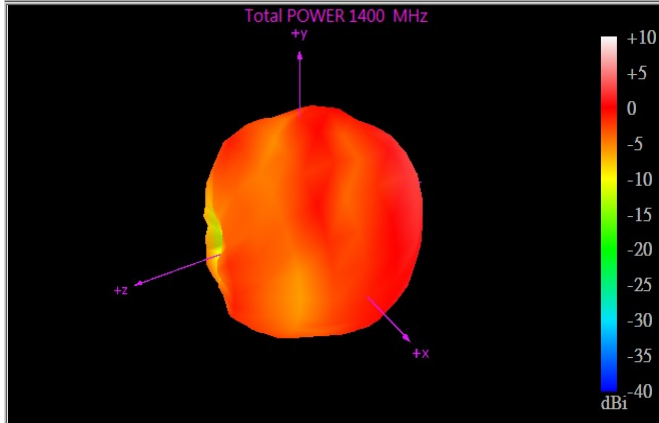
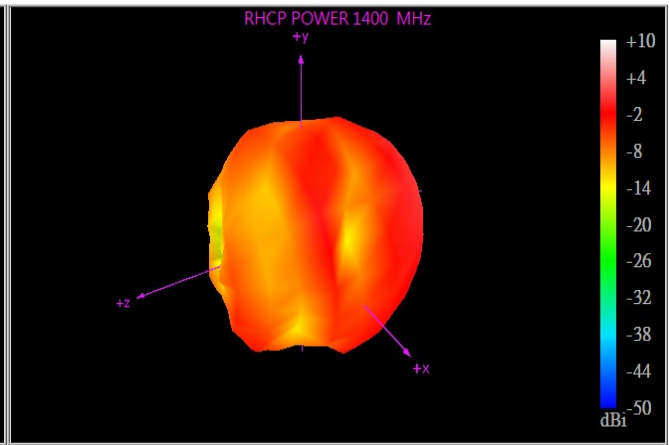
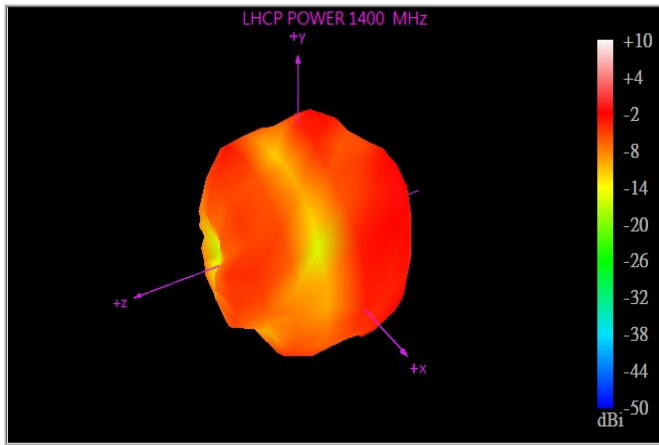
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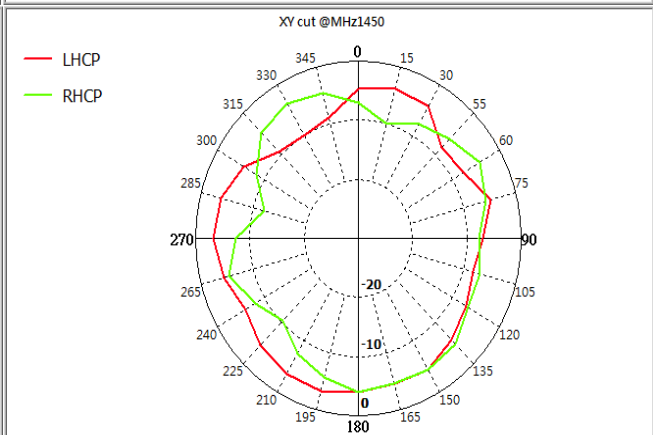
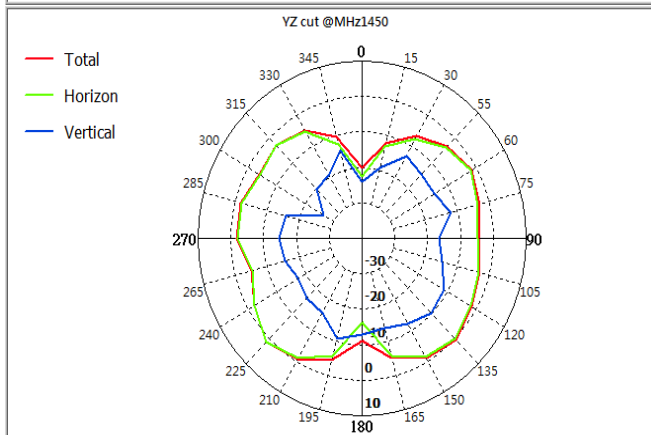
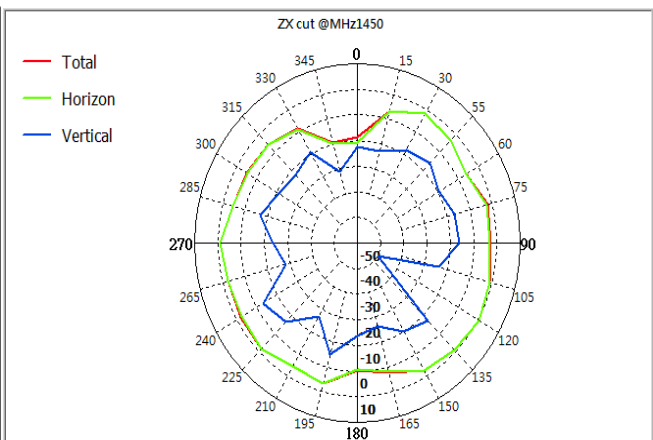
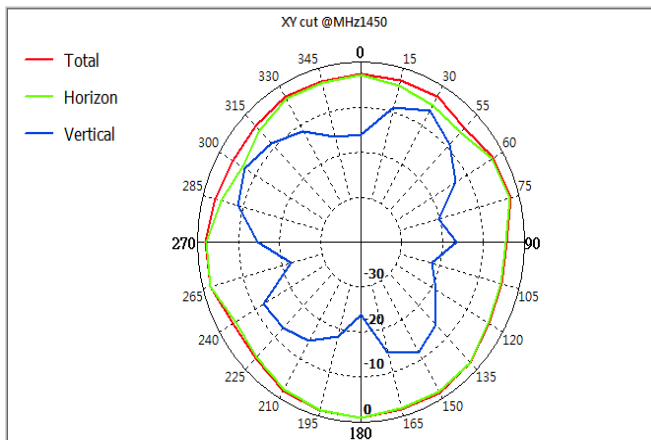


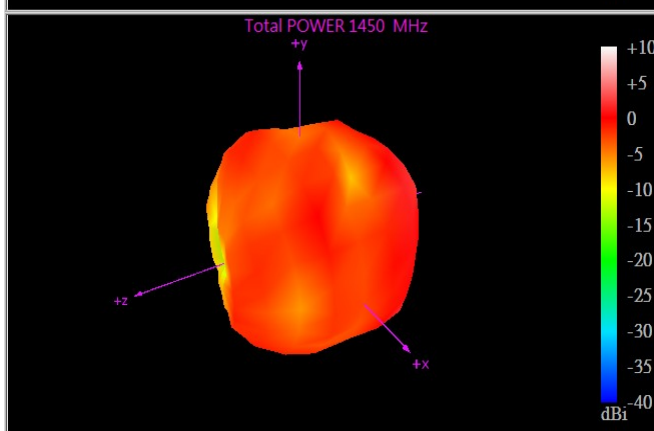
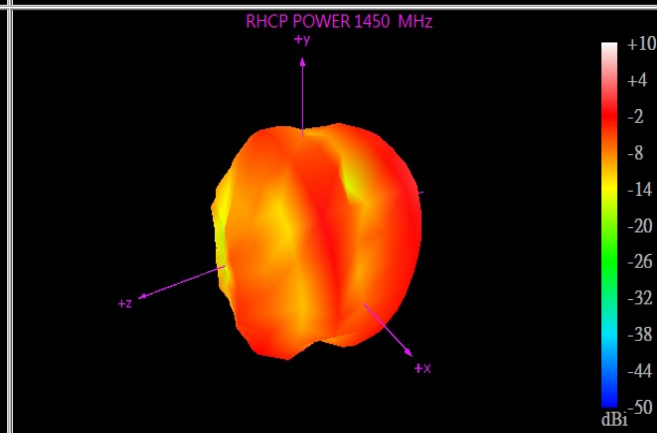
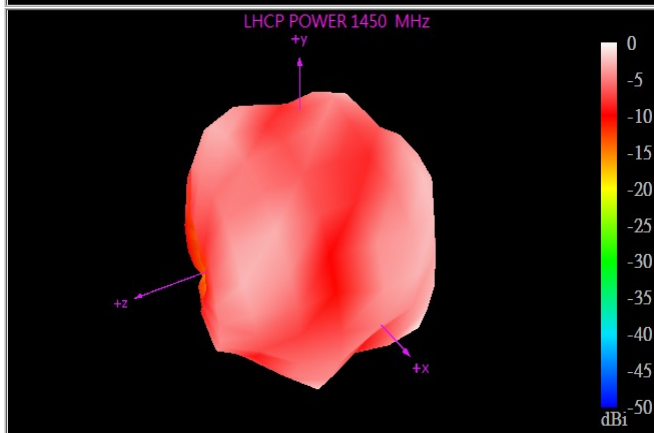
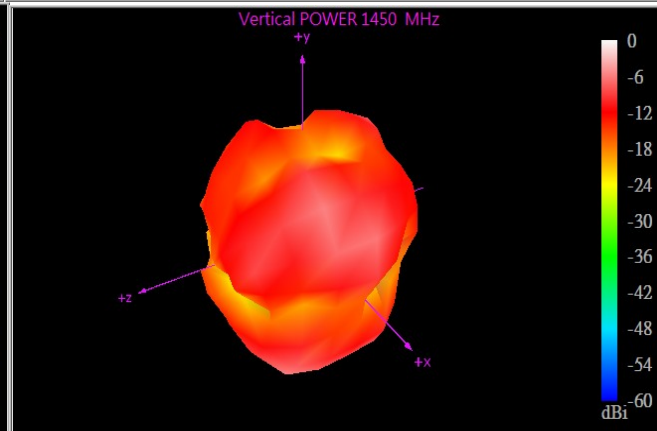
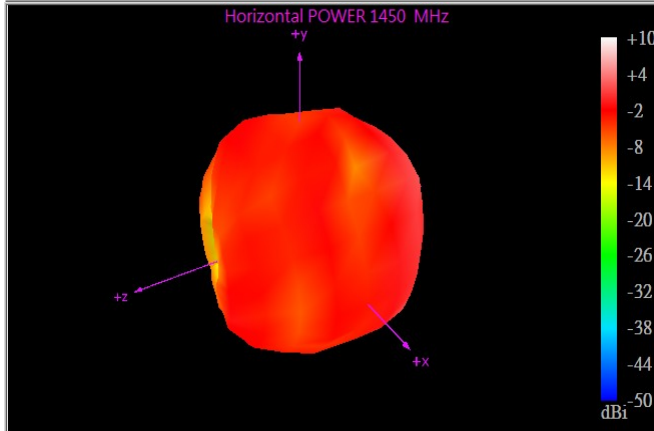
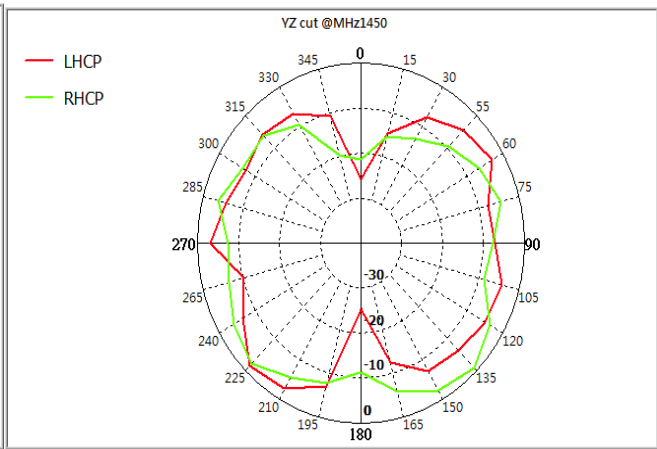
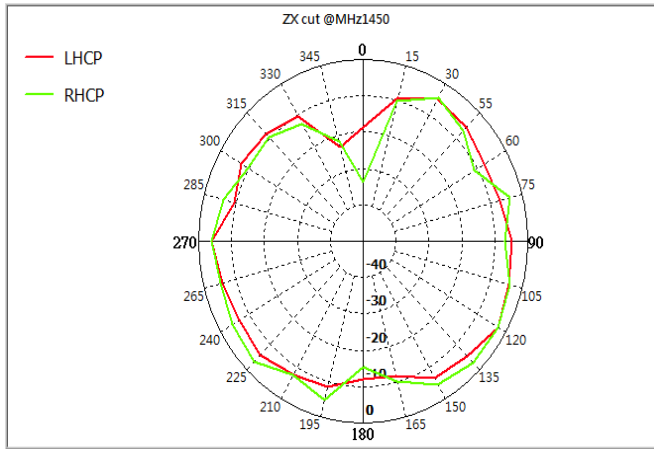
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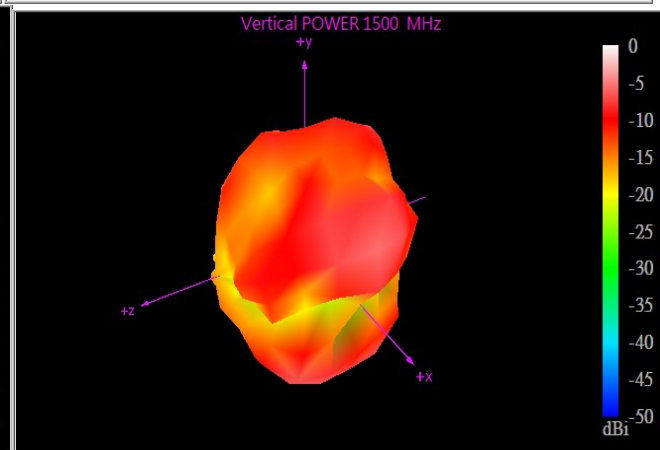
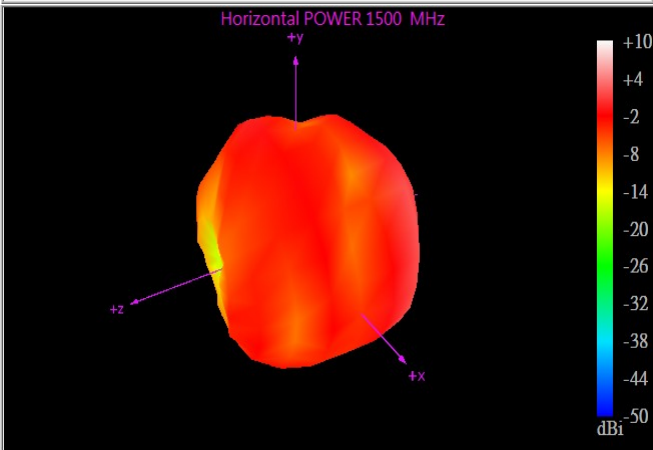
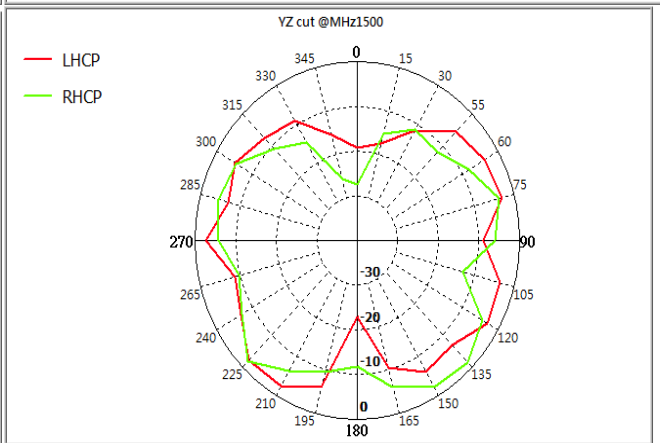
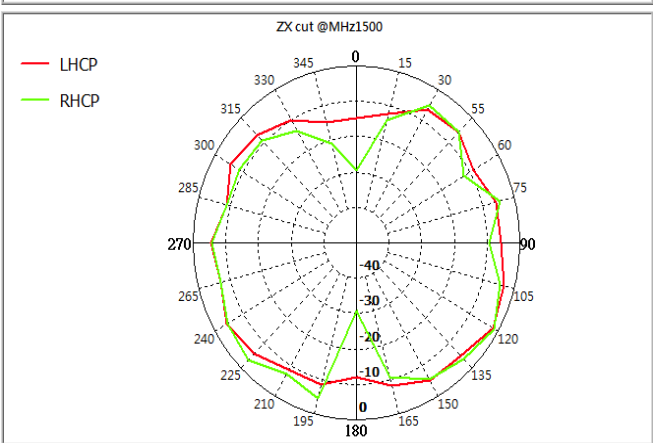
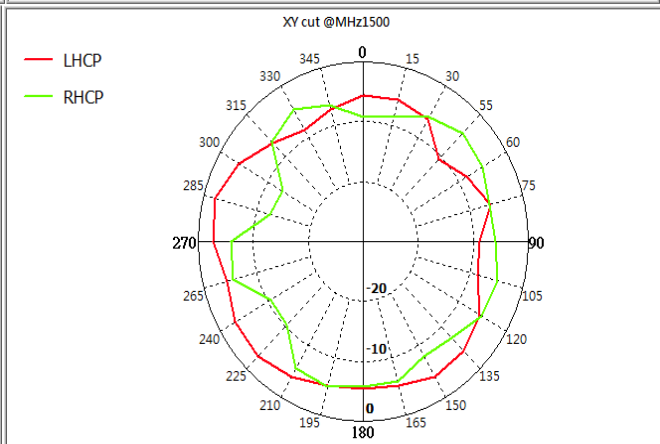
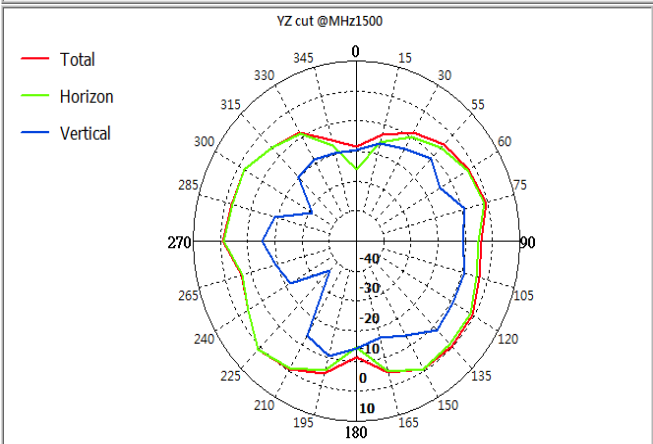
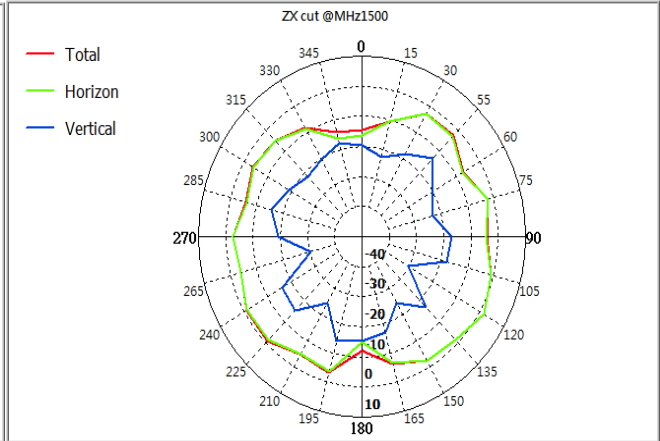
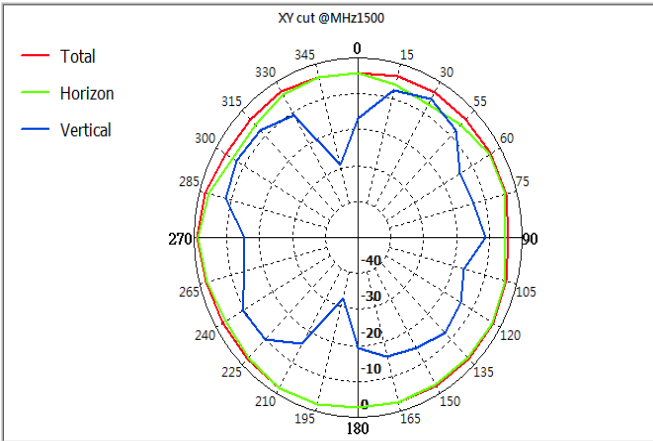


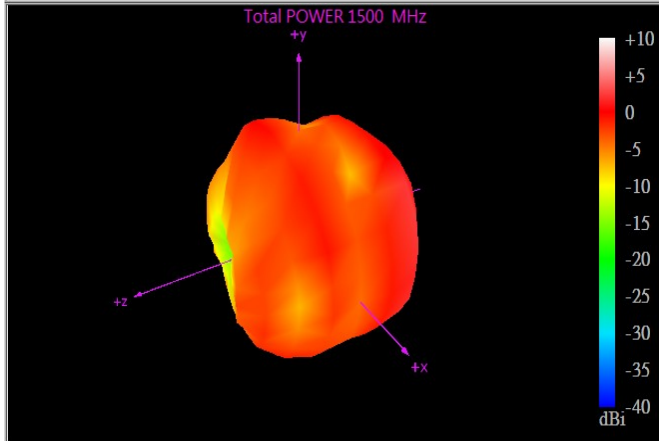
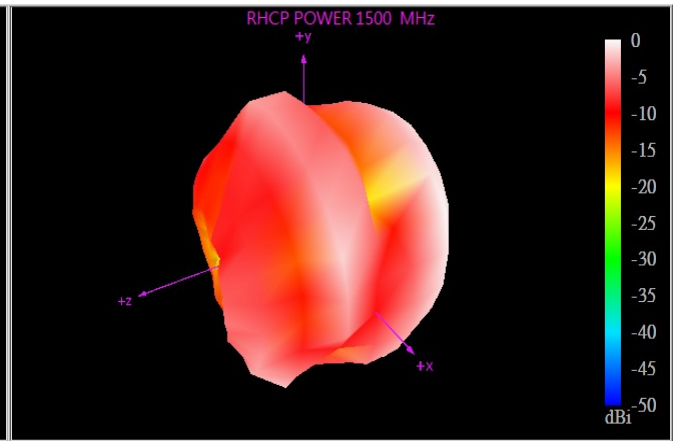
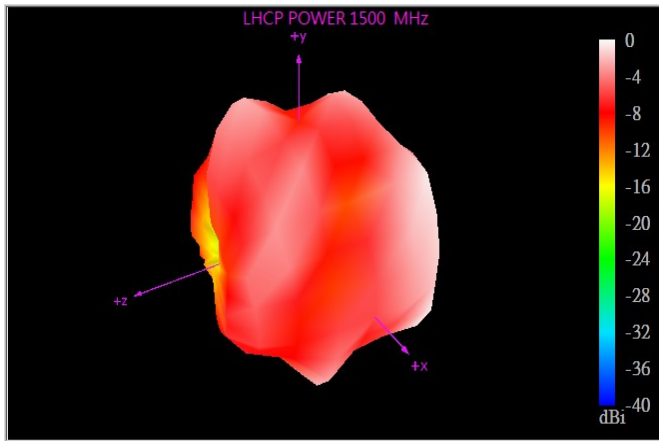
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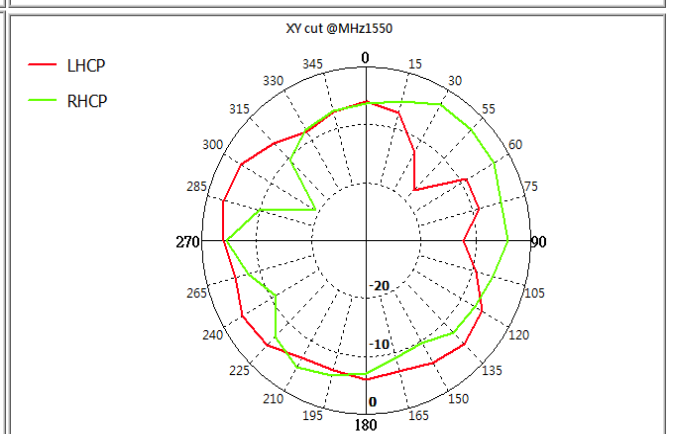
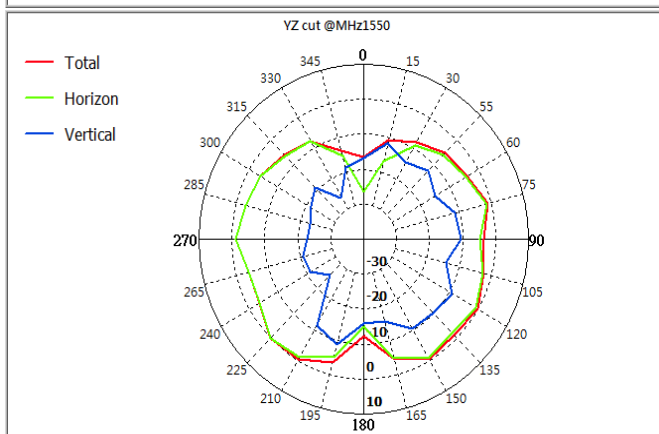
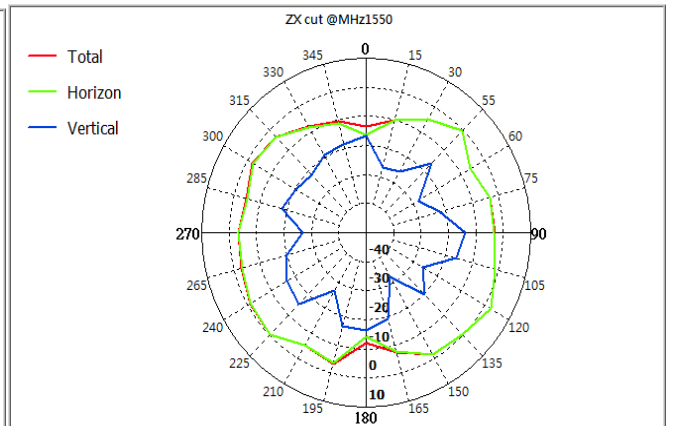
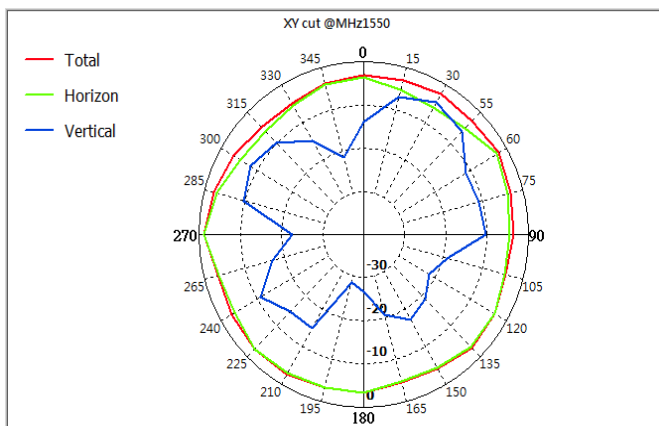


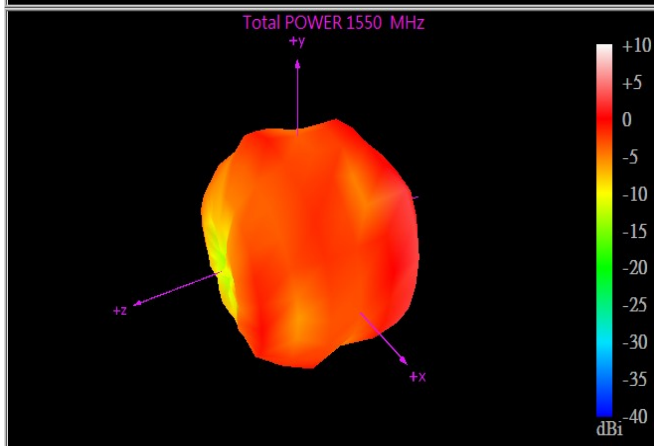
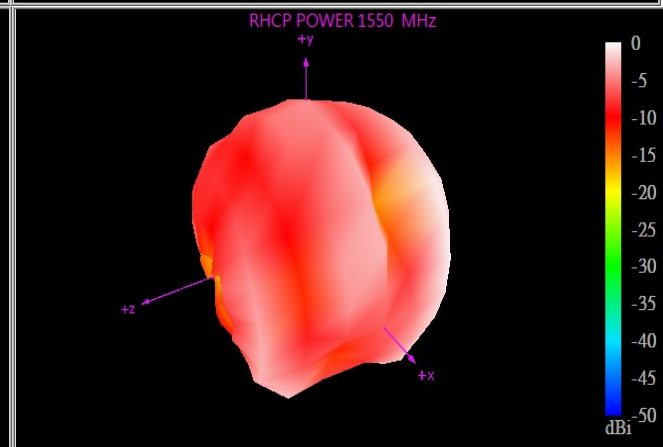
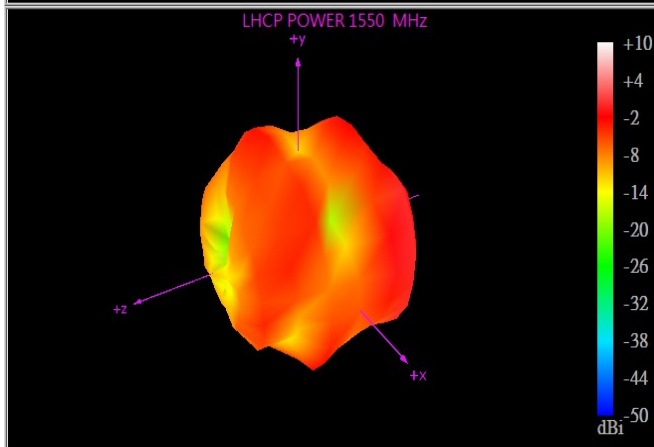
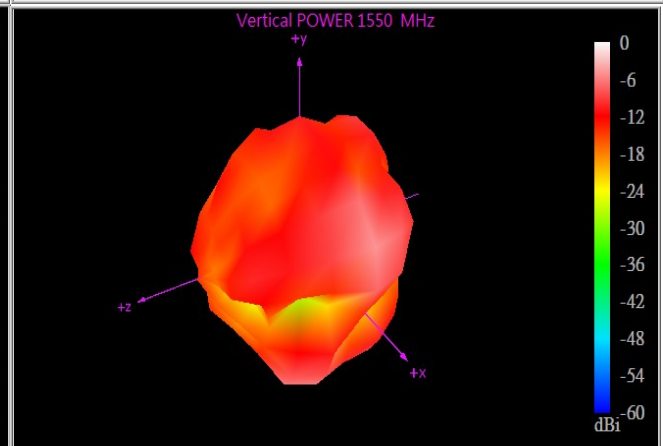
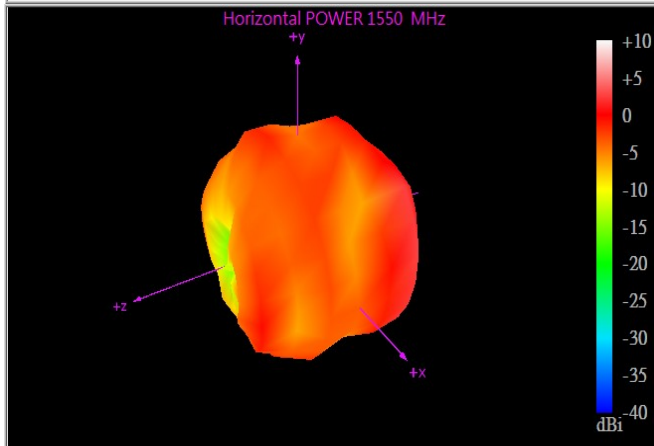
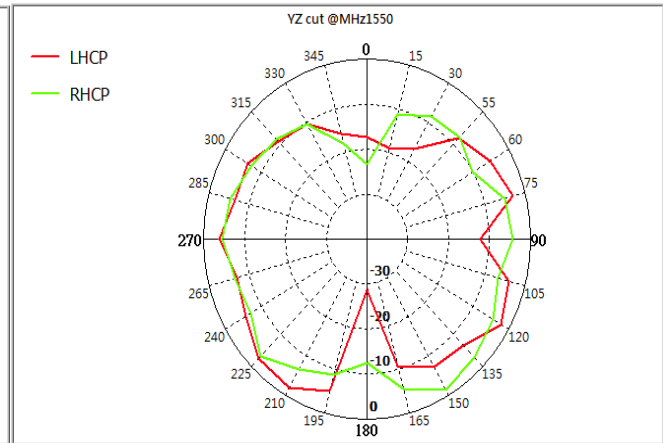
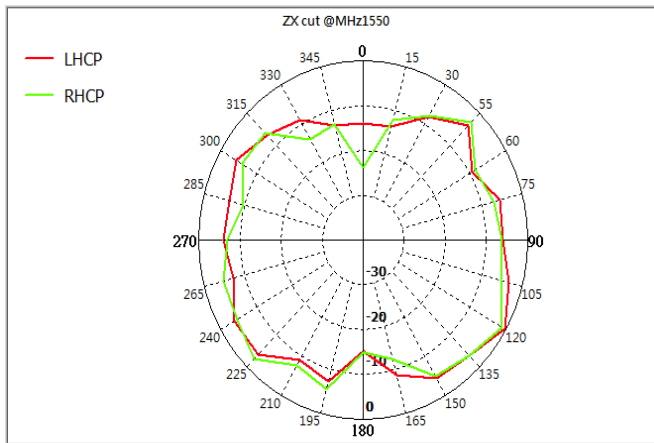
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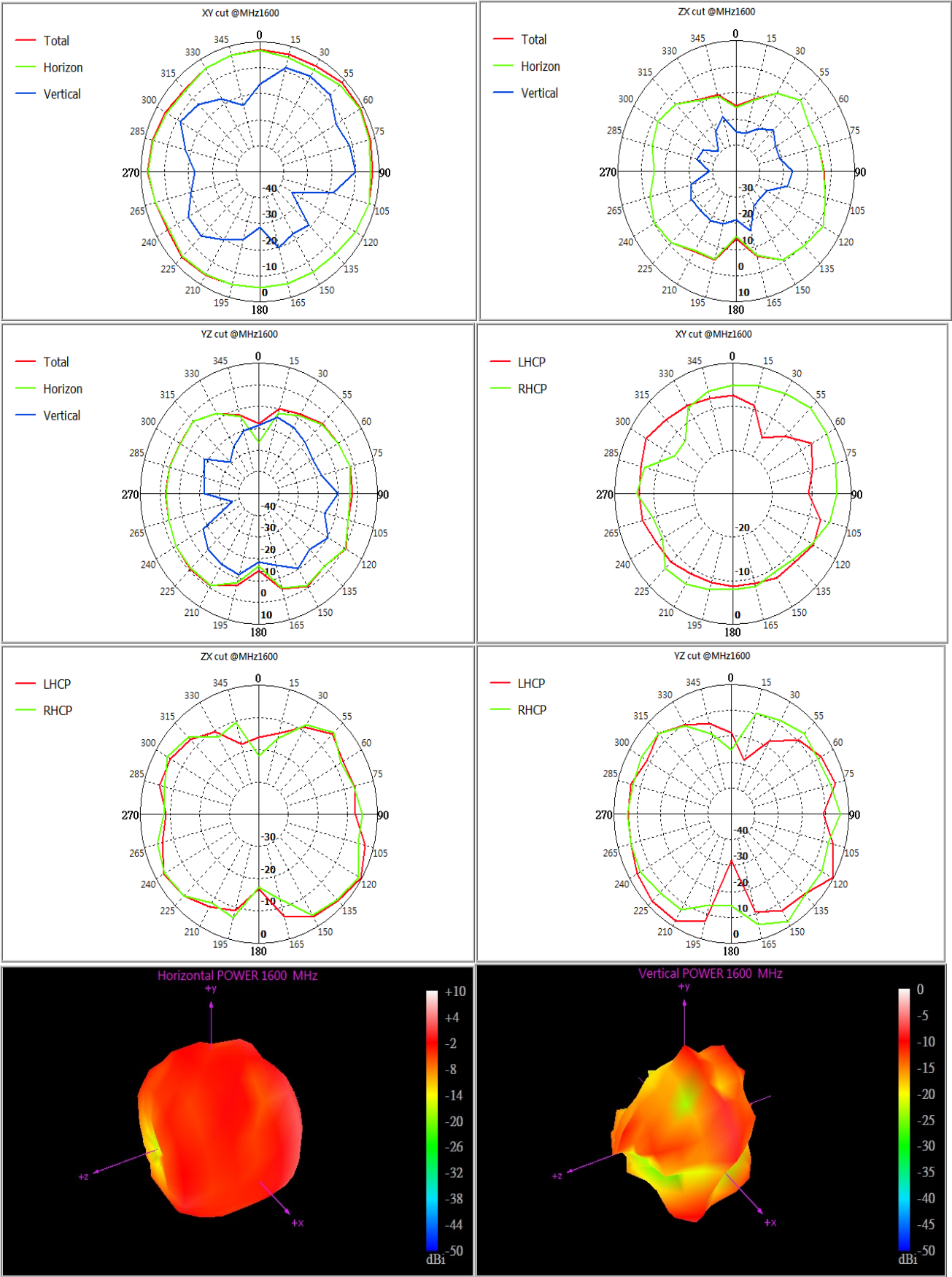


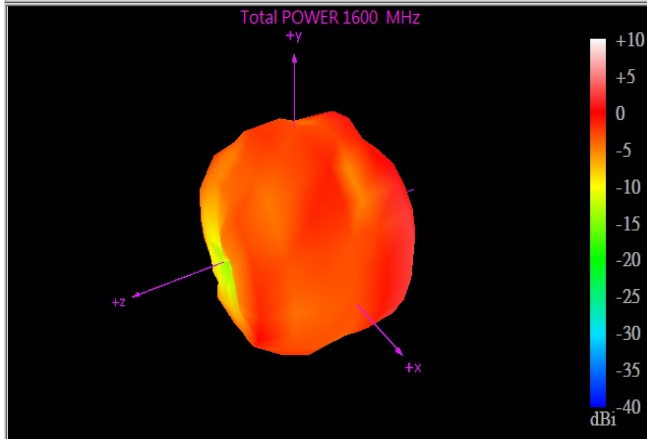
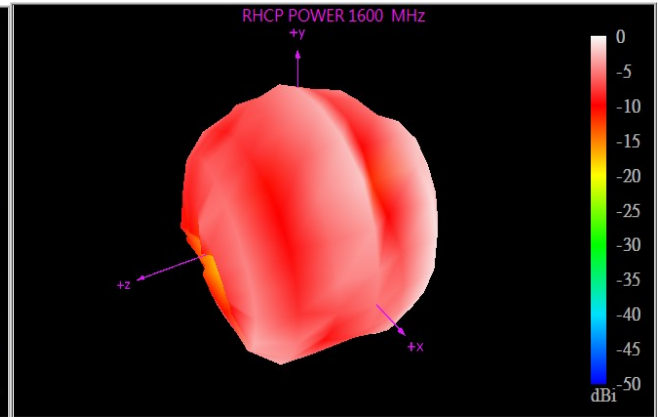
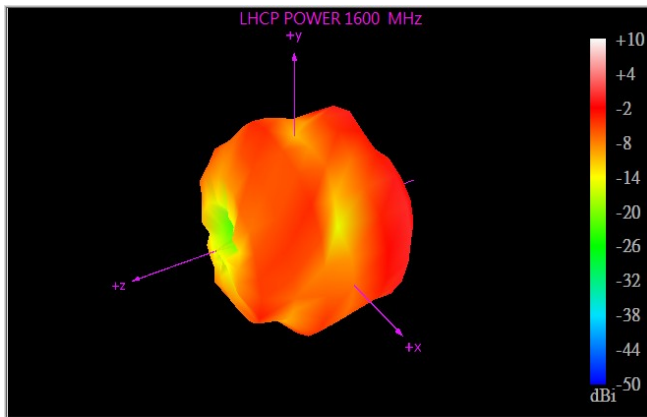
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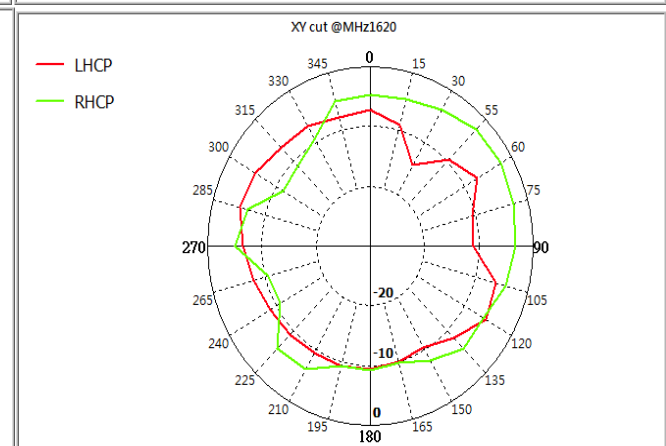
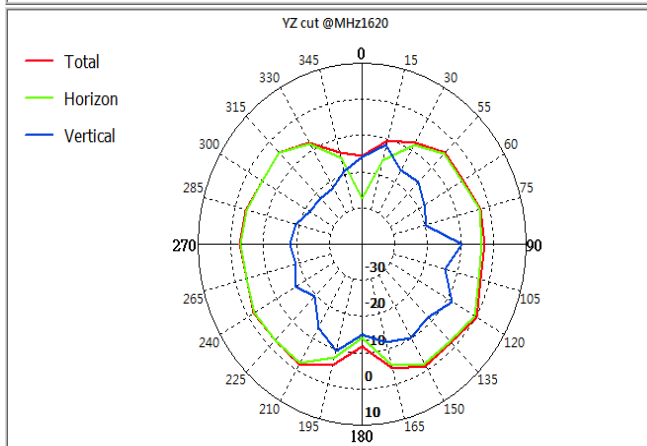
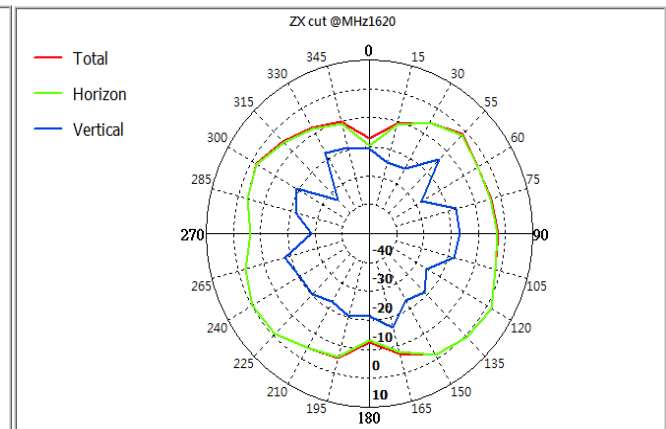
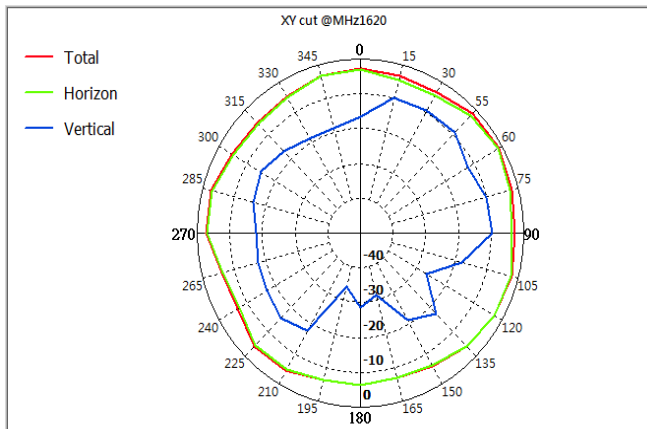


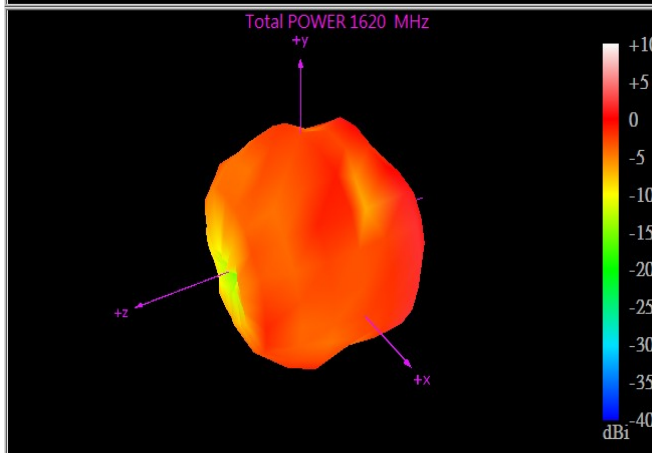
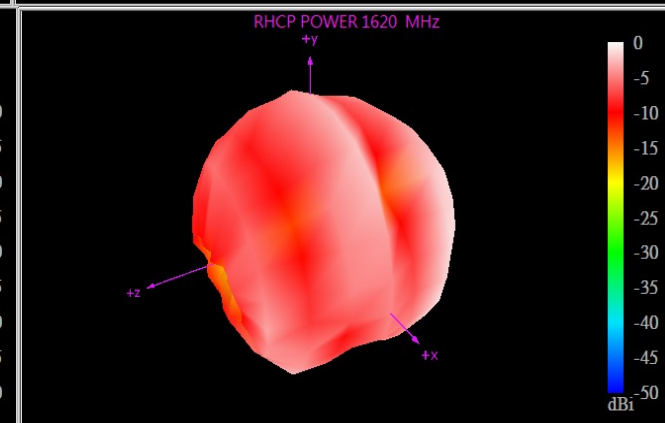
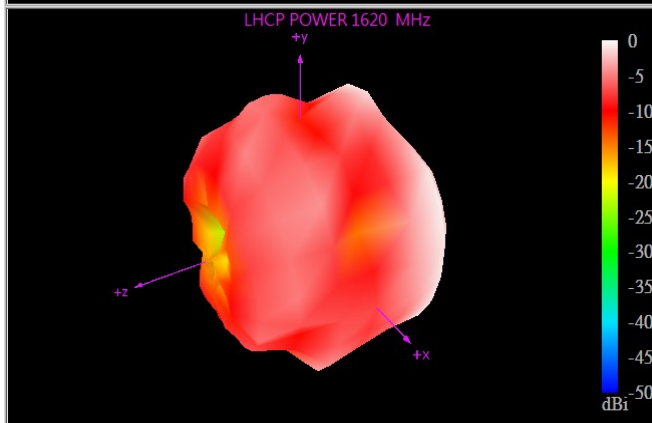
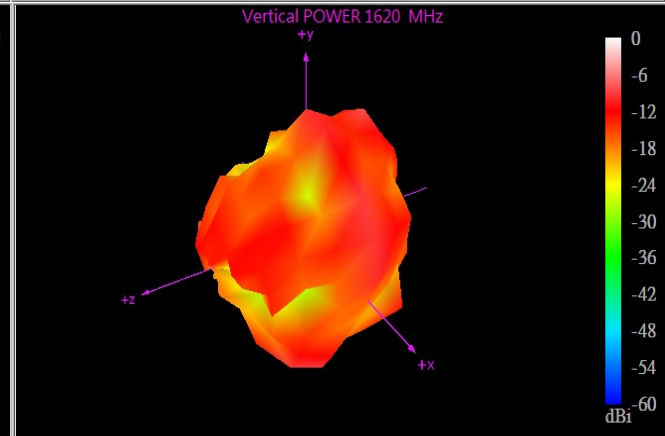
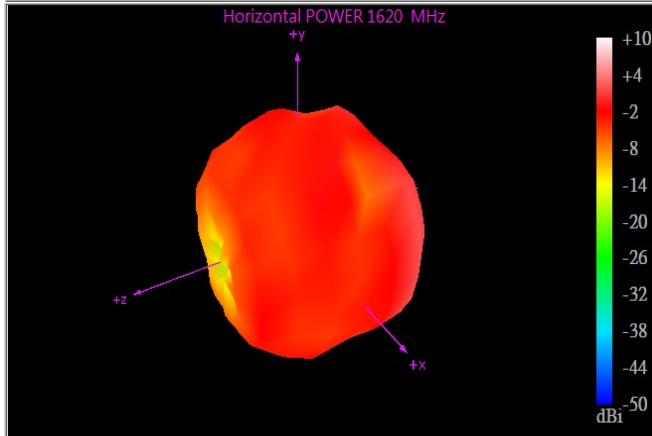
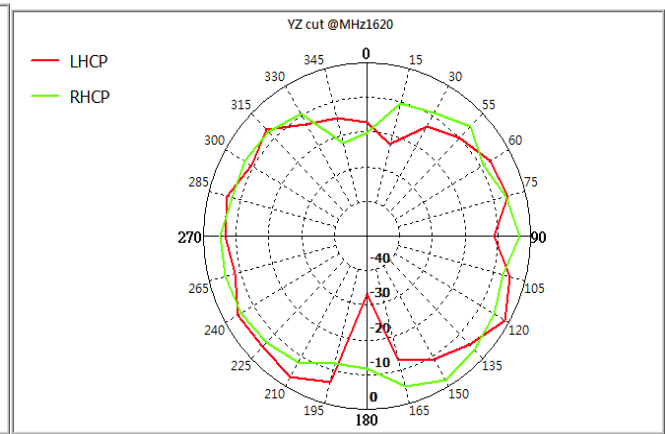
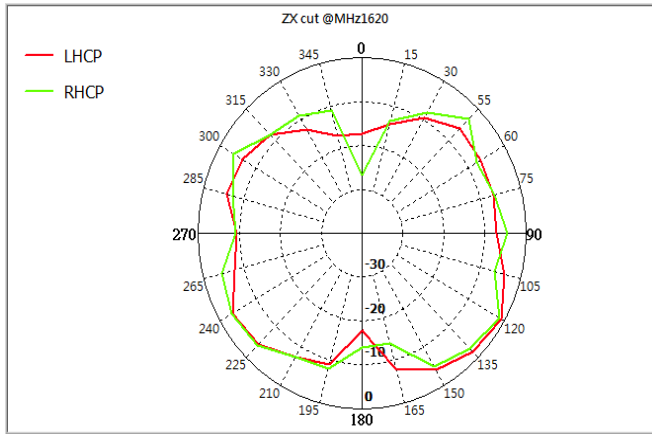
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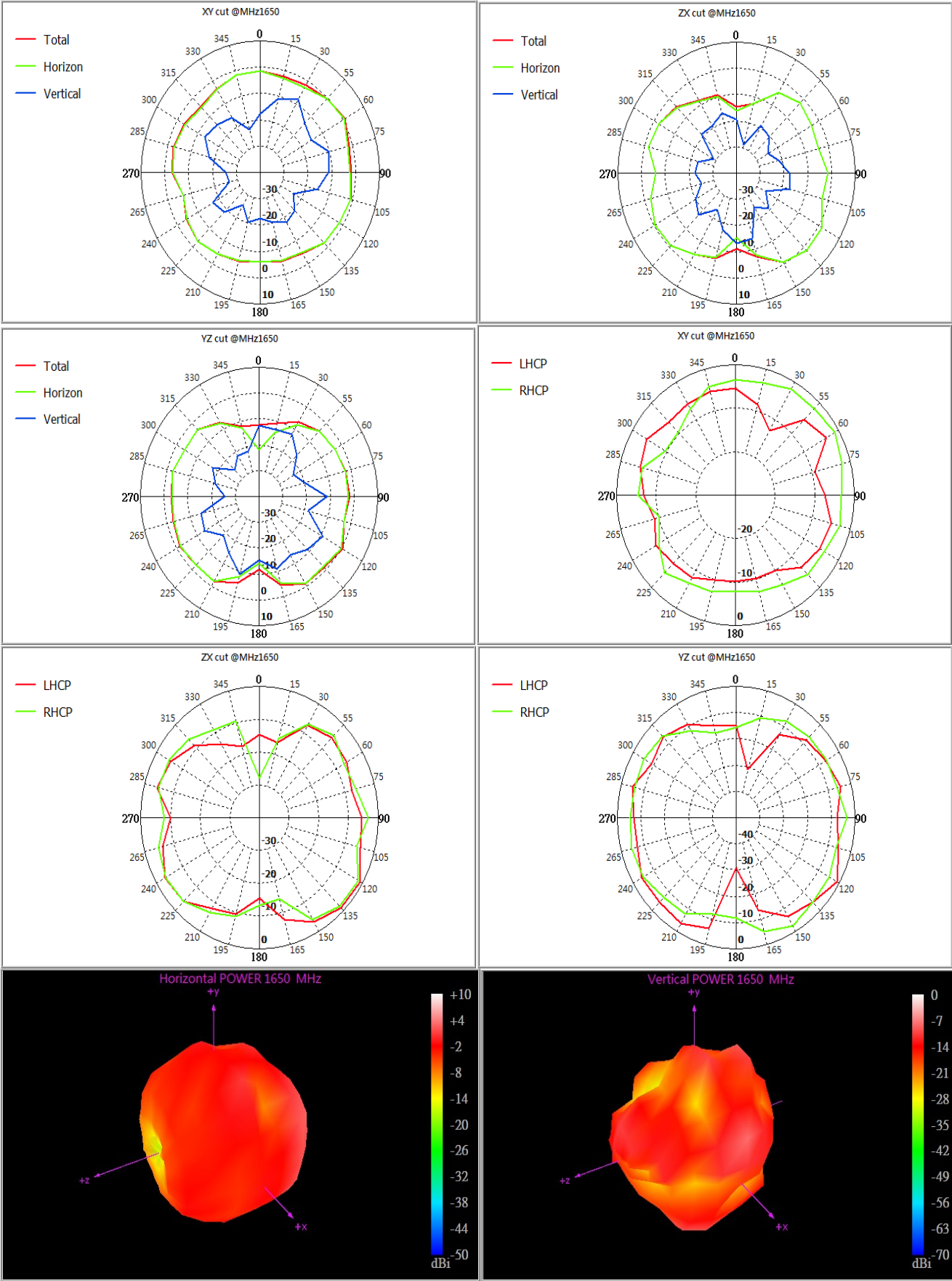


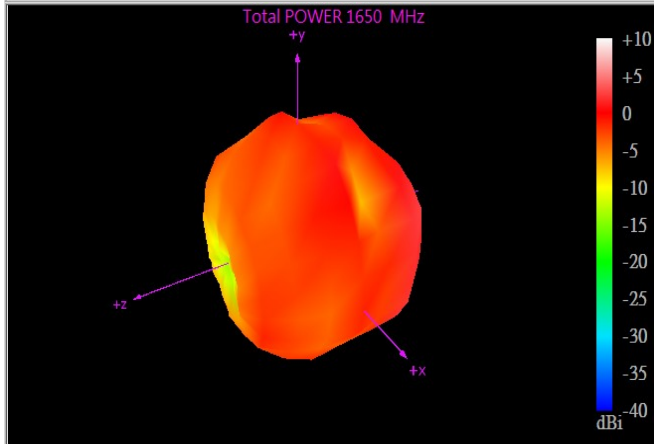
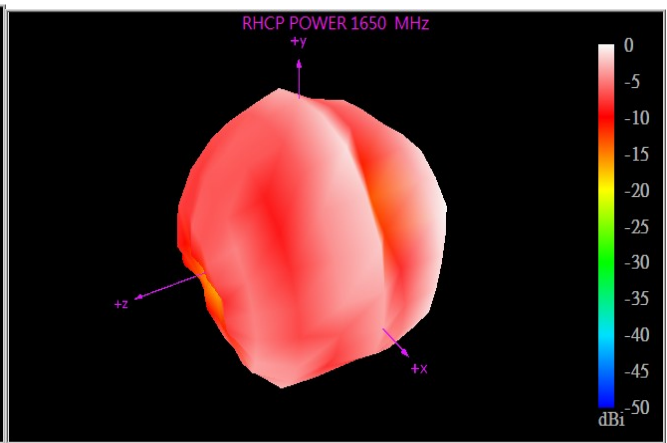
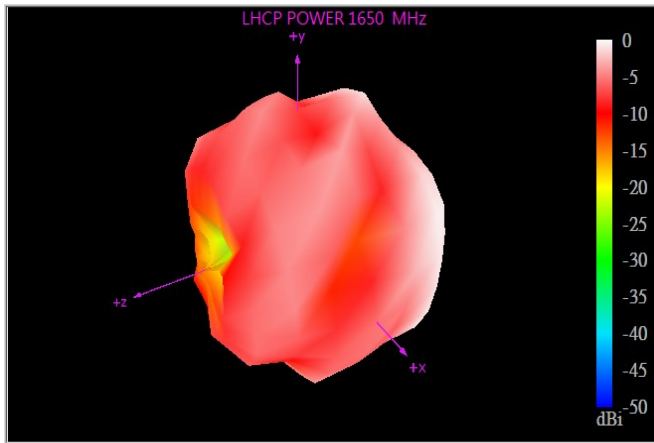
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