

1.6~2.6Ghz Antenna

MODEL: TH-1725



1.. GENERAL DESCRIPTION

Model No
TH1724-N(M)

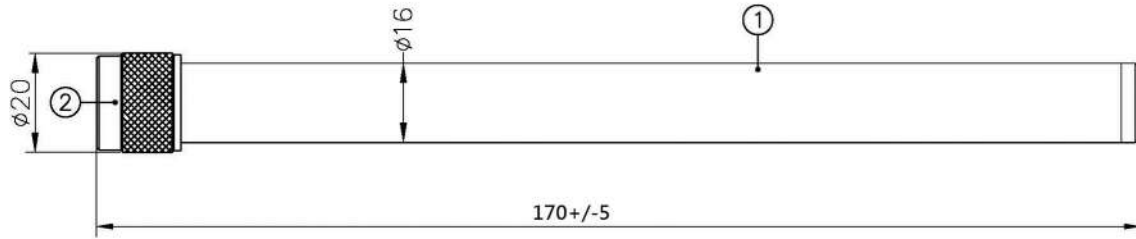
1.1 Electrical Properties


Parameter	Description
Frequency Band	1600~2600MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

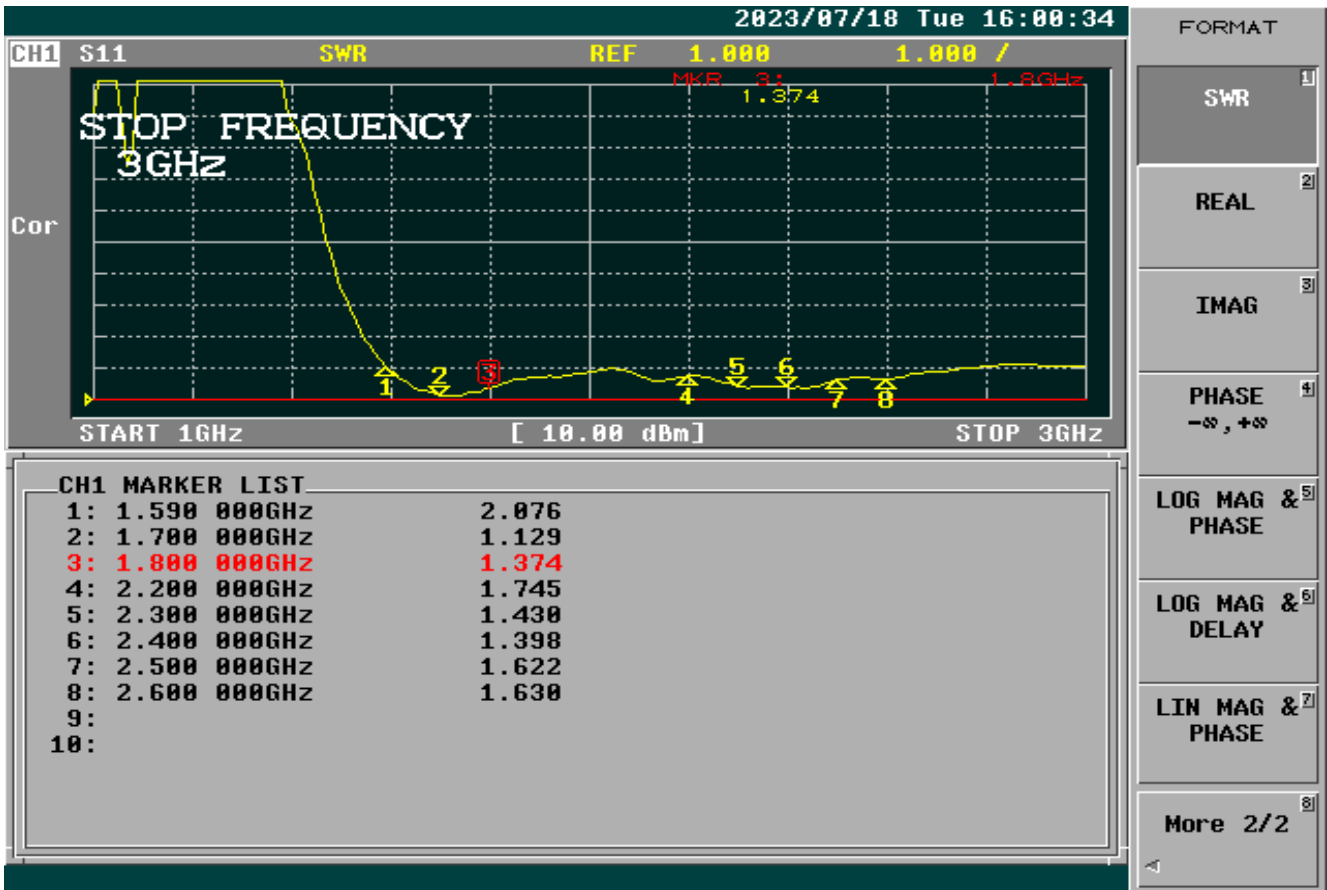
1.2 Mechanical Properties

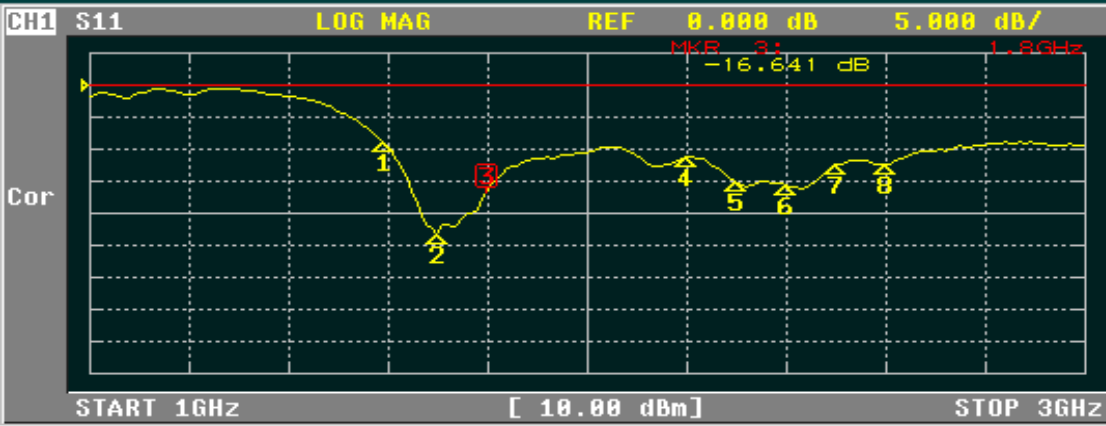
Parameter	Description
Antenna Type	External Antenna
Material	ASA
Mount Type	Screw Type
Connector Type	N connector (Male)
Antenna Dimensions	170mm \pm 5
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C

NO.	NAME	FINISH	Q, TY
01	Core tube	Black	01
02	N(Male)	Nickel plating	01



 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
			TH-1725	1.6~2.6Ghz	M/M		20230810	1
	TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\frac{S}{\sqrt{V}}$	APPEARANCE					





CH1 MARKER LIST

1:	1.590 000GHz	-8.897 dB
2:	1.700 000GHz	-23.329 dB
3:	1.800 000GHz	-16.641 dB
4:	2.200 000GHz	-11.297 dB
5:	2.300 000GHz	-15.132 dB
6:	2.400 000GHz	-15.554 dB
7:	2.500 000GHz	-12.411 dB
8:	2.600 000GHz	-12.363 dB
9:		
10:		

FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

More 1/2



CH1 MARKER LIST

1:	1.590 000GHz	80.272 Ω	-37.277 Ω	2.685pF
2:	1.700 000GHz	58.283 Ω	-1.053 Ω	88.827pF
3:	1.800 000GHz	58.000 Ω	14.719 Ω	1.301nH
4:	2.200 000GHz	70.304 Ω	-26.633 Ω	2.716pF
5:	2.300 000GHz	54.330 Ω	-18.117 Ω	3.819pF
6:	2.400 000GHz	56.168 Ω	-17.086 Ω	3.881pF
7:	2.500 000GHz	57.255 Ω	-25.255 Ω	2.520pF
8:	2.600 000GHz	47.534 Ω	-24.338 Ω	2.515pF
9:				
10:				

FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

POLAR

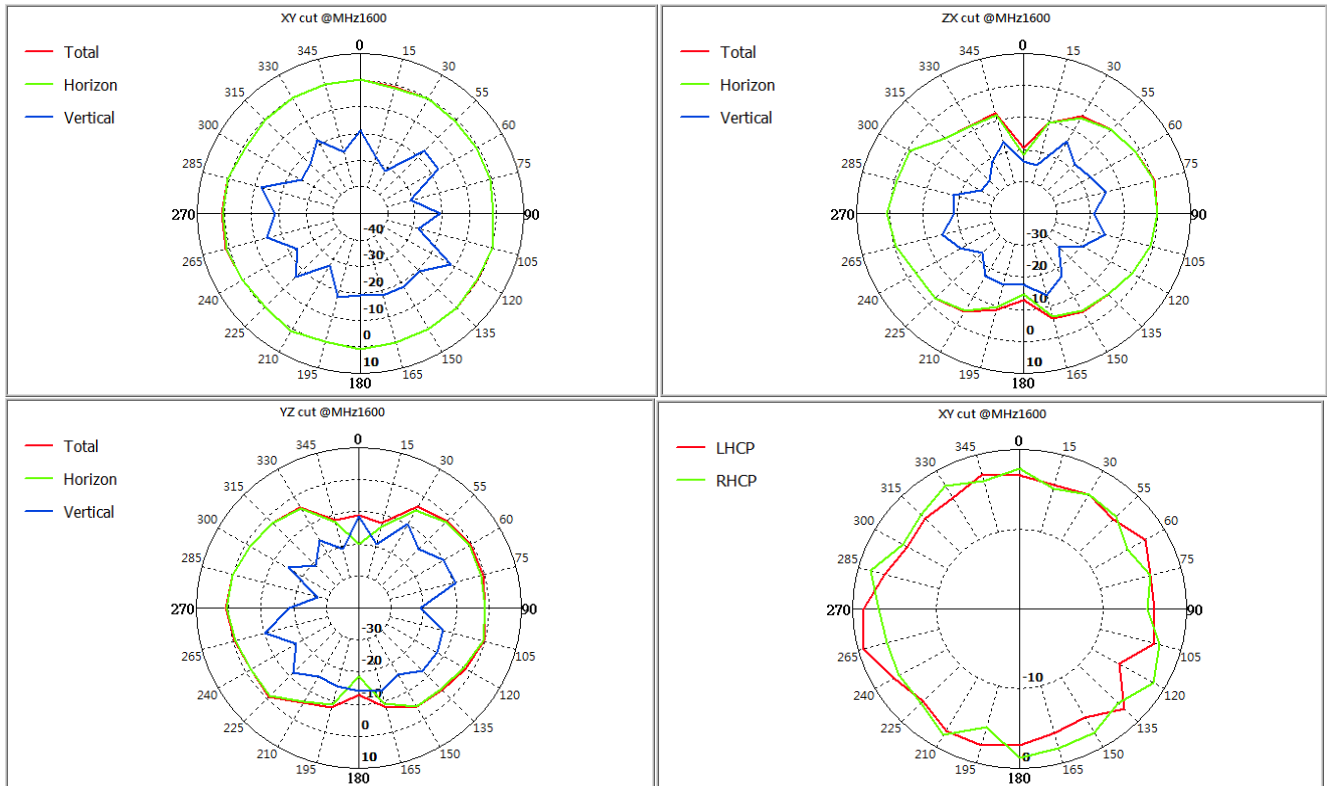
LIN MAG

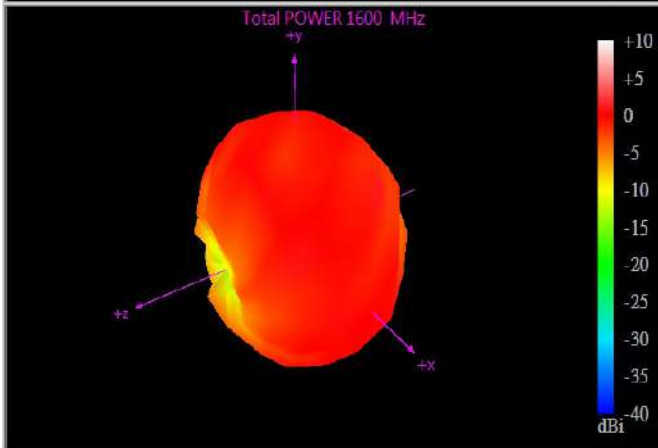
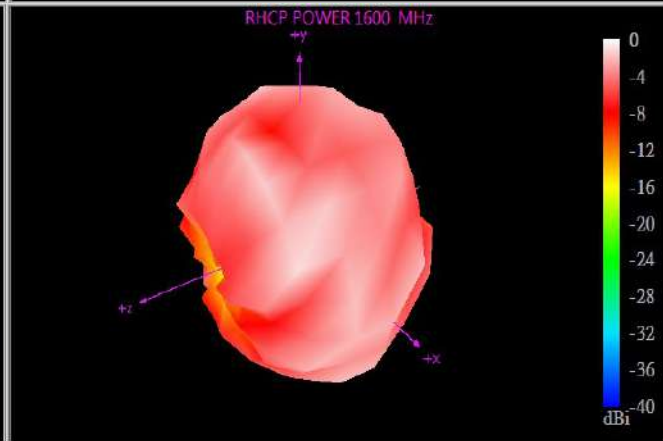
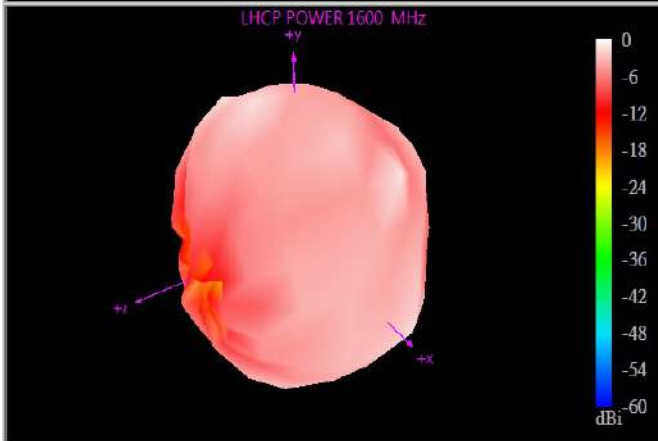
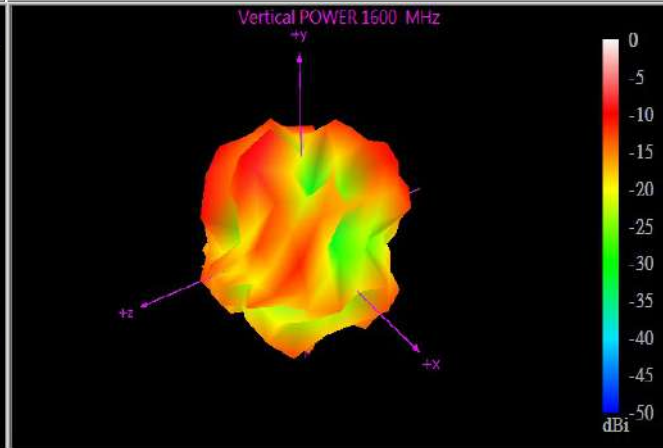
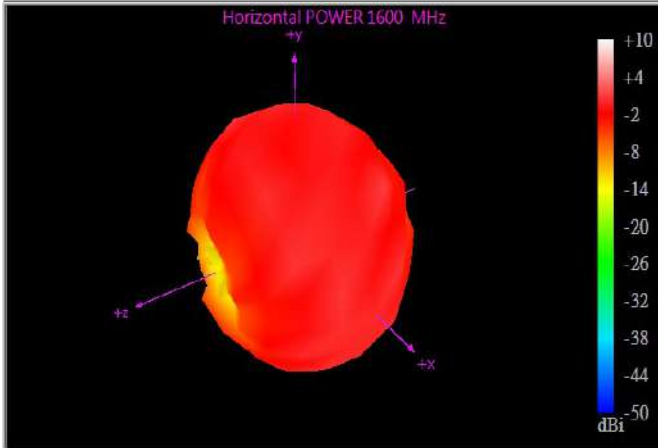
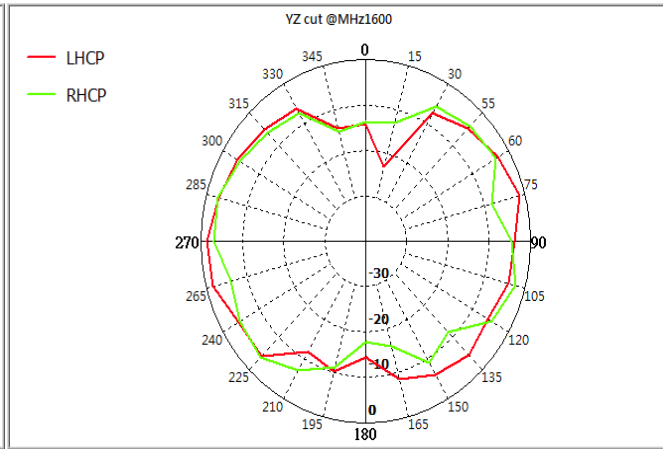
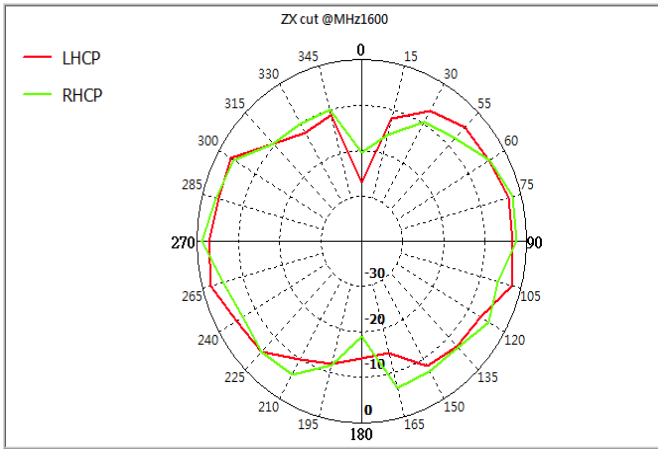
More 1/2

3D Total

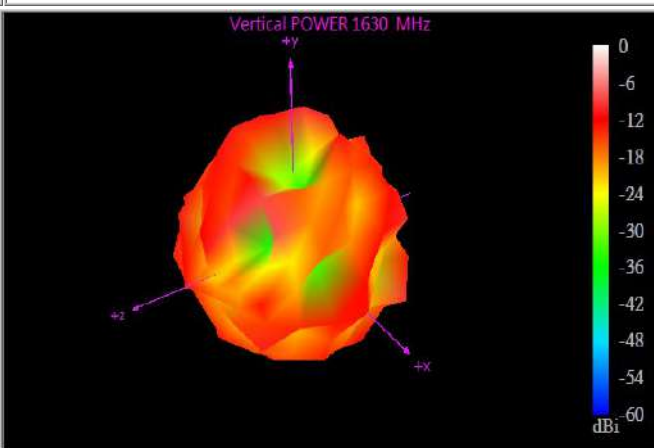
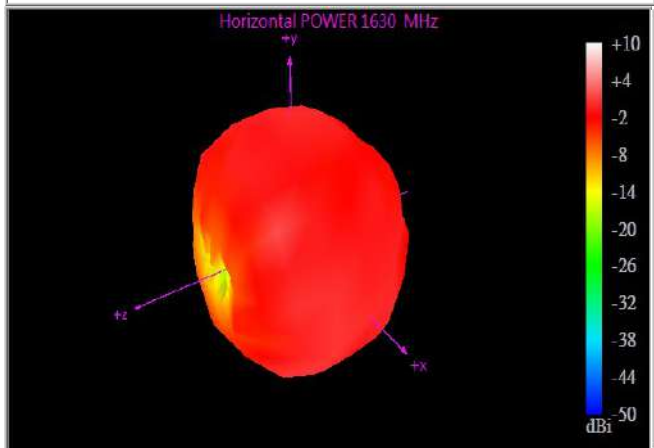
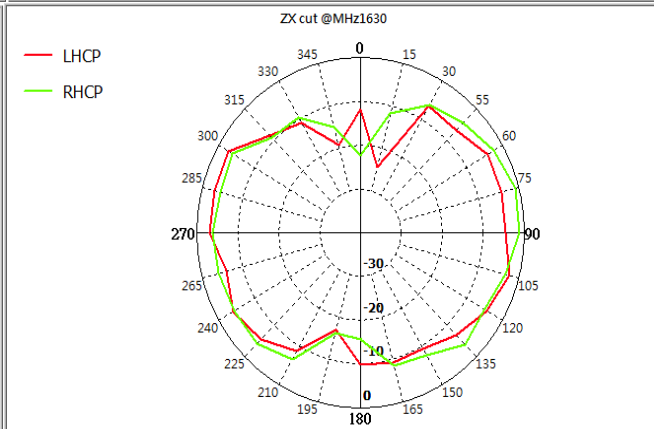
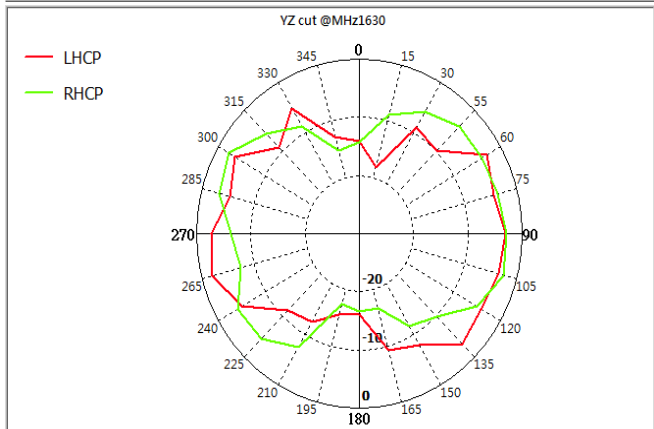
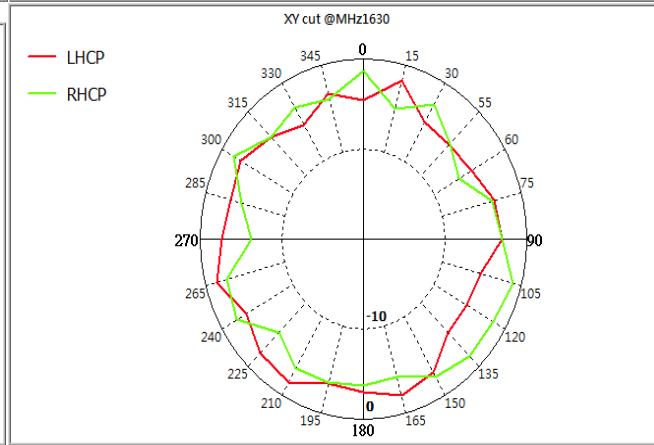
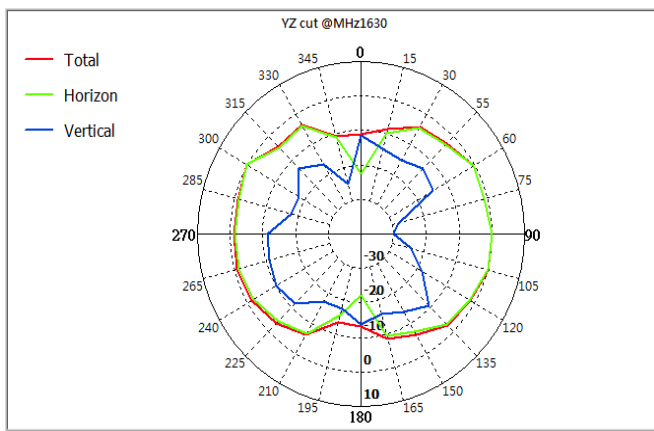
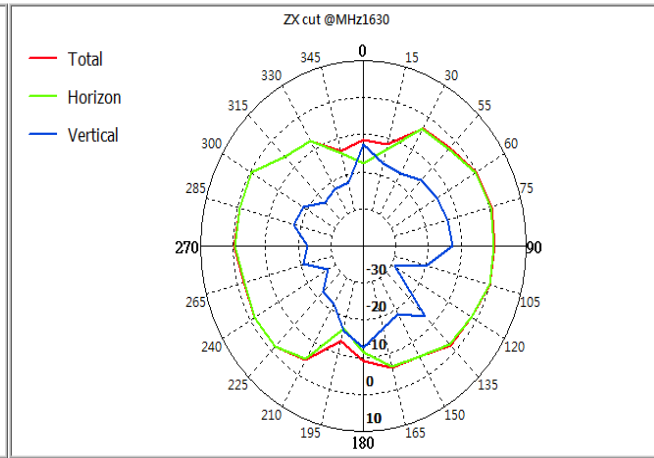
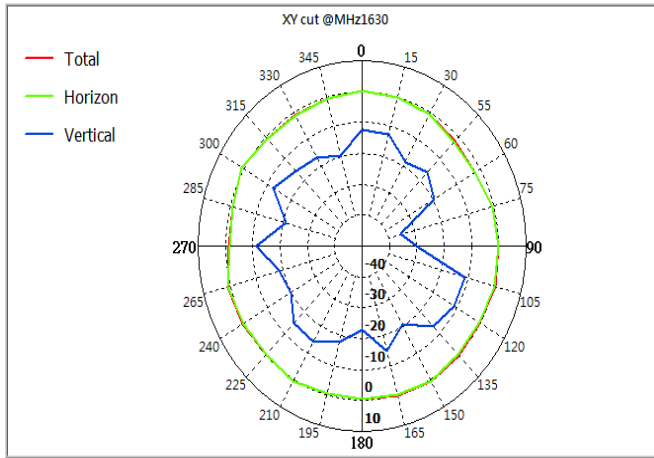
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1590 MHz	-4.79	-5.14	-1.95	63.83	1.11	-1.95
1600 MHz	-4.92	-5.41	-2.15	60.99	1.16	-2.15
1620 MHz	-4.96	-5.27	-2.10	61.68	1.12	-2.10
1630 MHz	-4.82	-5.08	-1.94	64.02	2.32	-1.94
1700 MHz	-4.96	-4.53	-1.73	67.17	1.99	-1.73
1800 MHz	-6.31	-4.36	-2.21	60.06	1.27	-2.21
1900 MHz	-6.23	-3.09	-1.66	68.23	3.11	-1.37
2000 MHz	-7.21	-3.35	-1.85	65.28	3.40	-1.85
2100 MHz	-7.05	-3.28	-1.75	66.77	3.20	-1.75
2200 MHz	-6.68	-3.75	-1.96	63.67	2.51	-1.96
2300 MHz	-8.40	-4.04	-2.68	53.90	3.52	-2.68
2400 MHz	-6.69	-4.06	-2.17	60.67	3.76	-2.17
2450 MHz	-6.21	-4.16	-2.06	62.30	3.23	-2.06
2500 MHz	-5.83	-4.21	-1.94	64.04	3.03	-1.94
2600 MHz	-5.37	-3.88	-1.55	70.02	3.32	-1.55
2700 MHz	-4.94	-4.37	-1.64	68.59	2.39	-1.64
2800 MHz	-6.37	-6.42	-3.39	45.87	1.86	-3.39
2900 MHz	-2.91	-3.71	-1.86	65.16	5.90	-1.86
3000 MHz	-4.51	-4.69	-1.59	69.37	3.68	-1.59

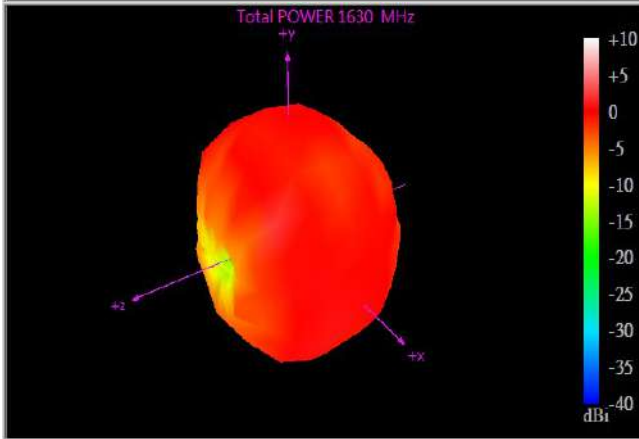
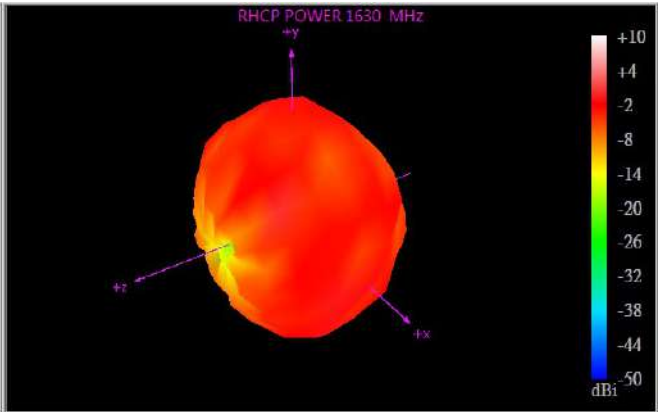
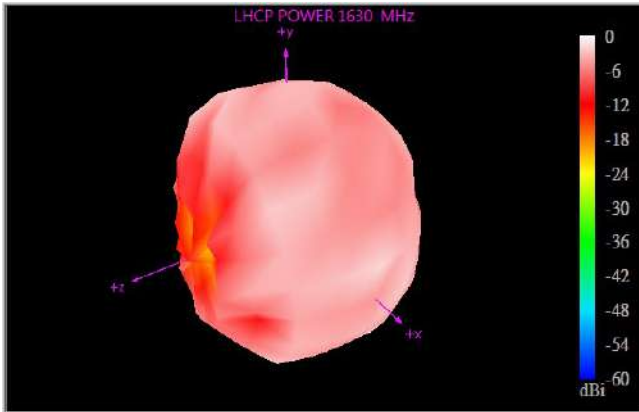
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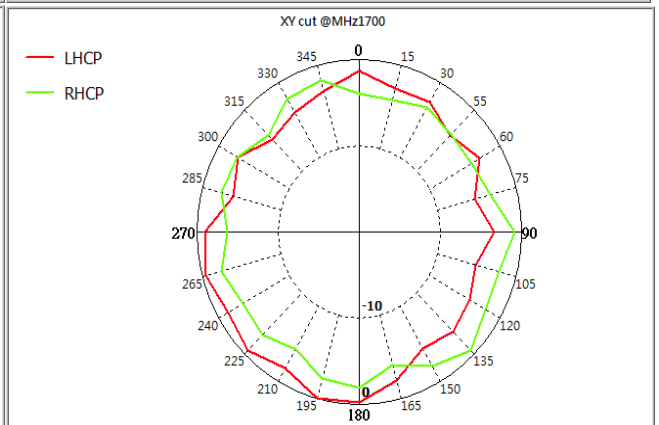
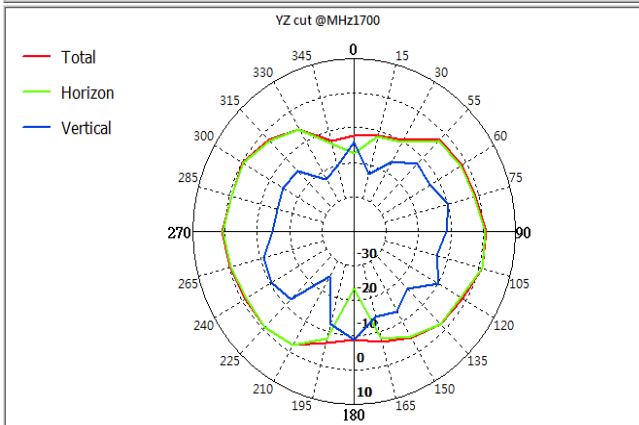
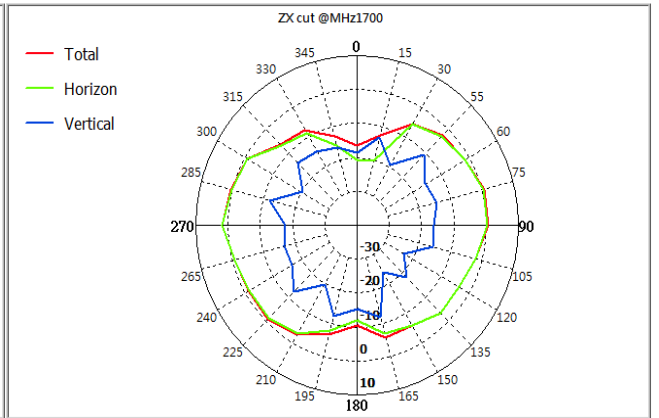
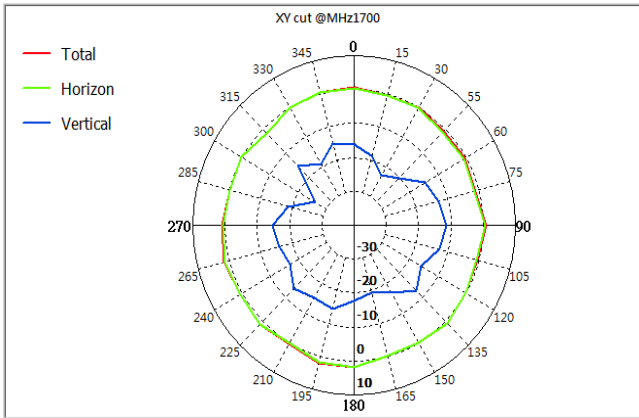


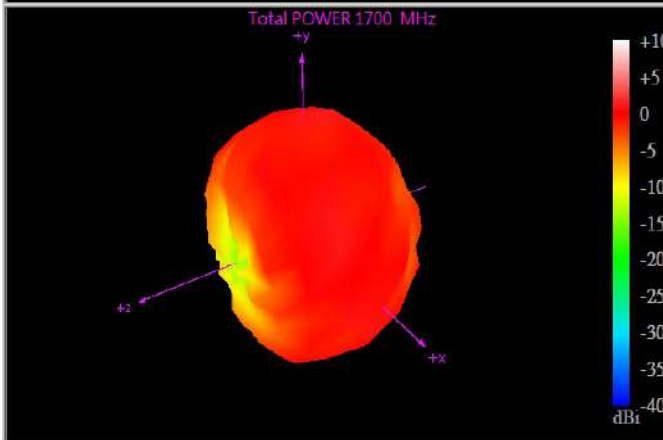
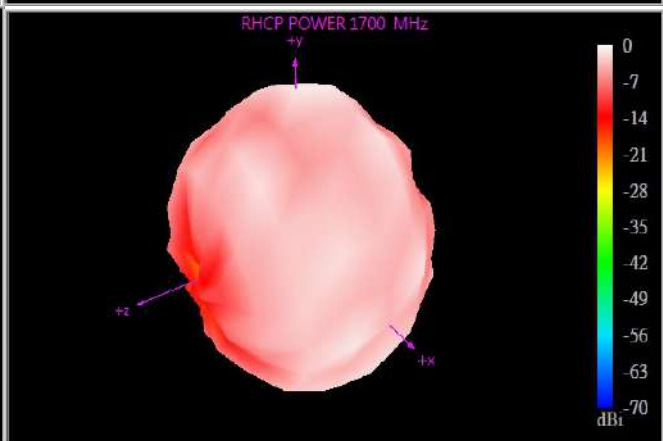
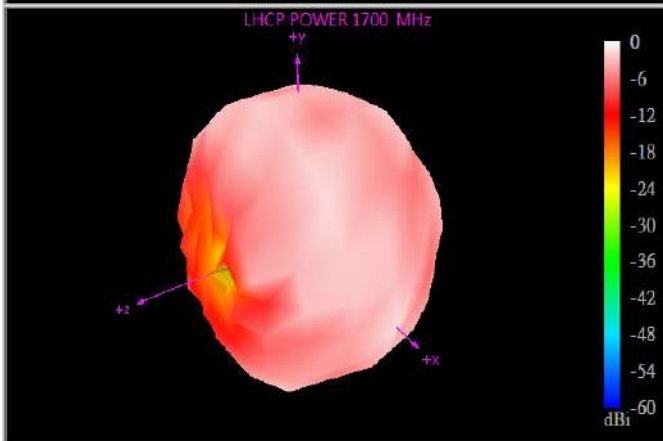
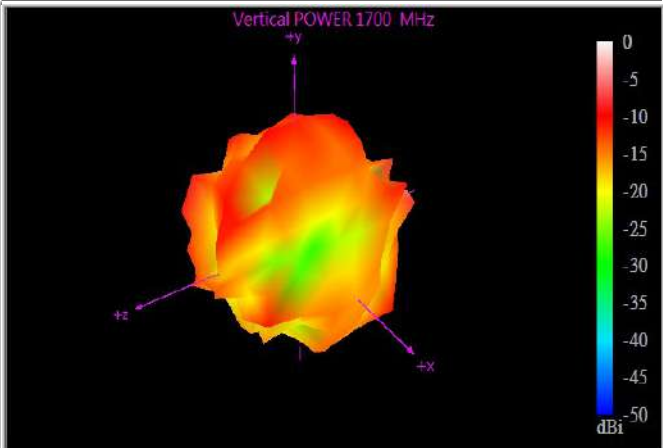
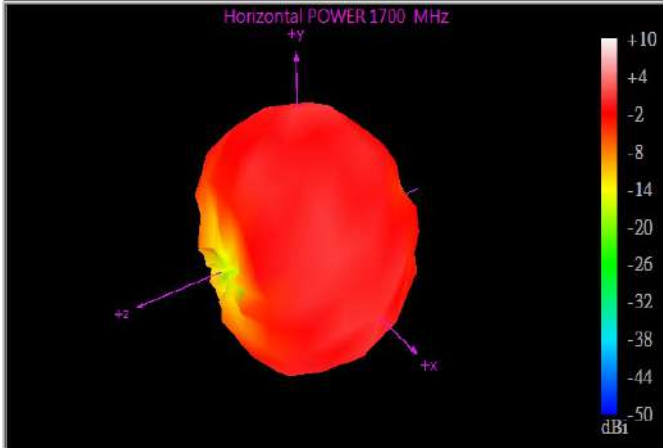
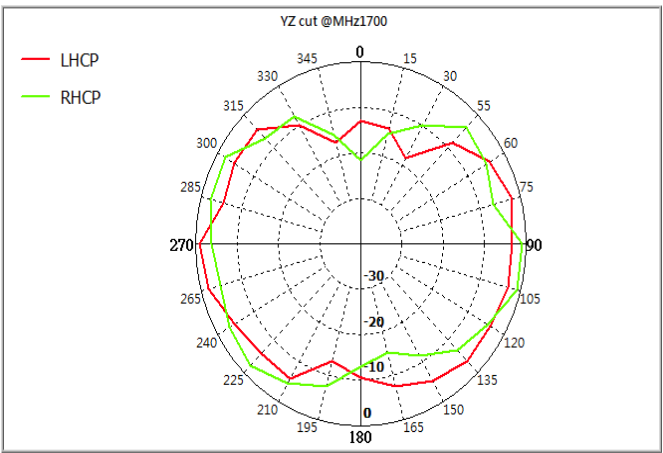
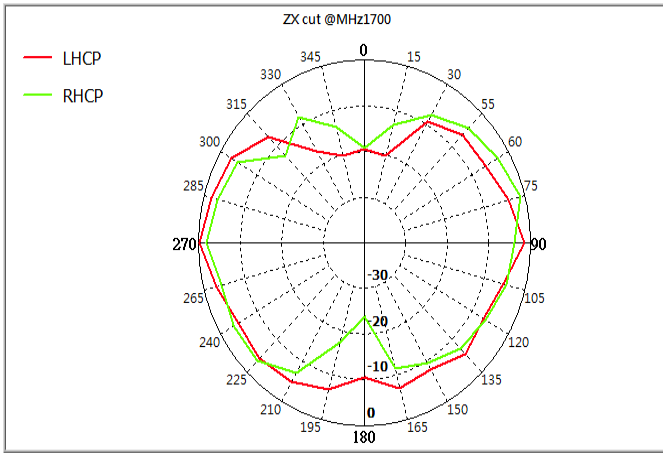
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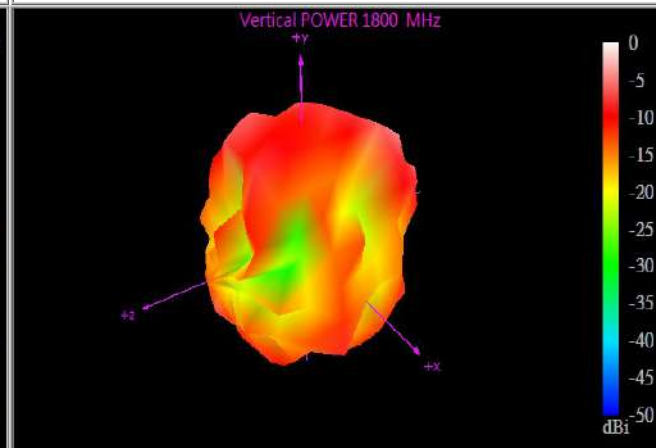
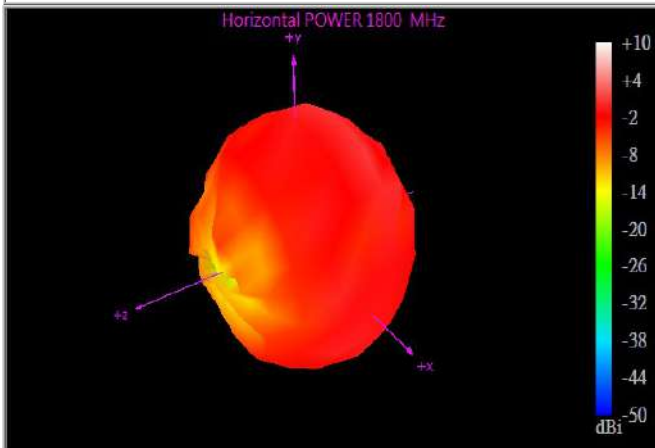
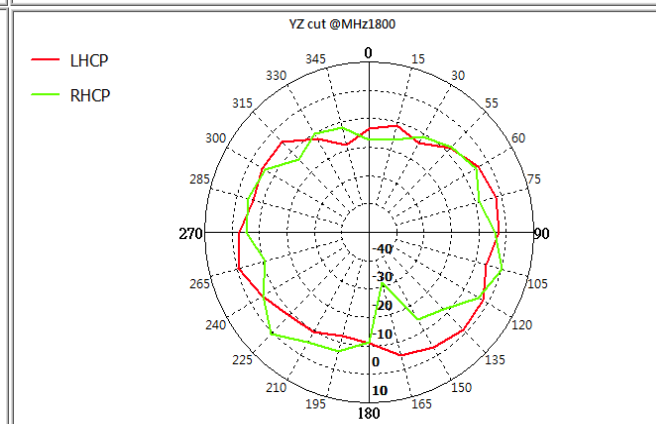
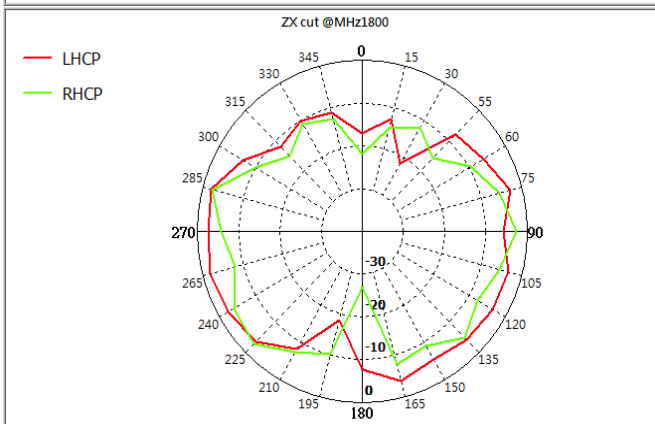
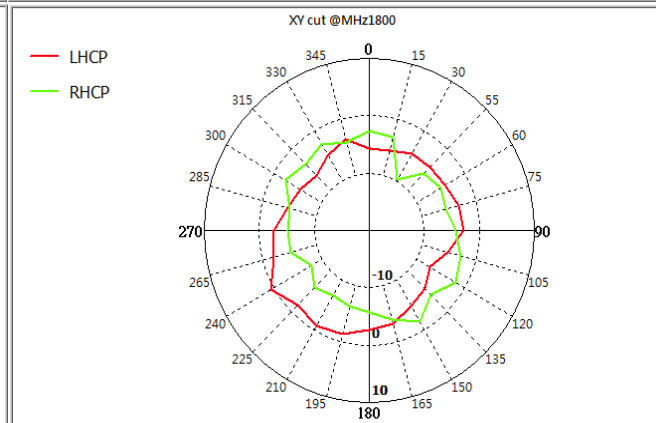
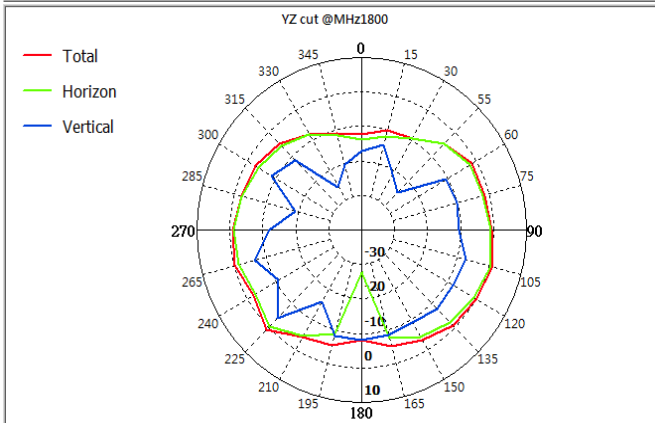
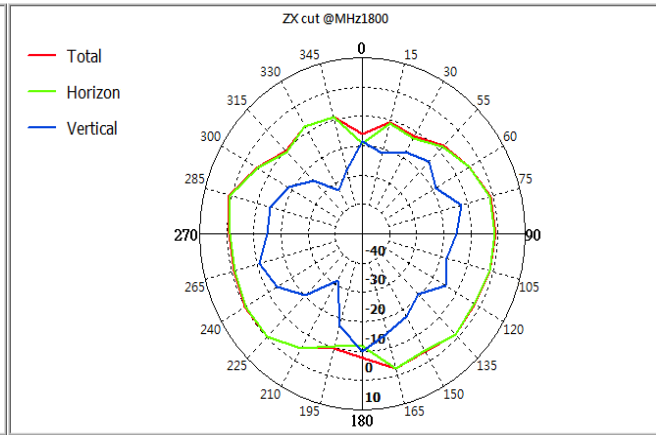
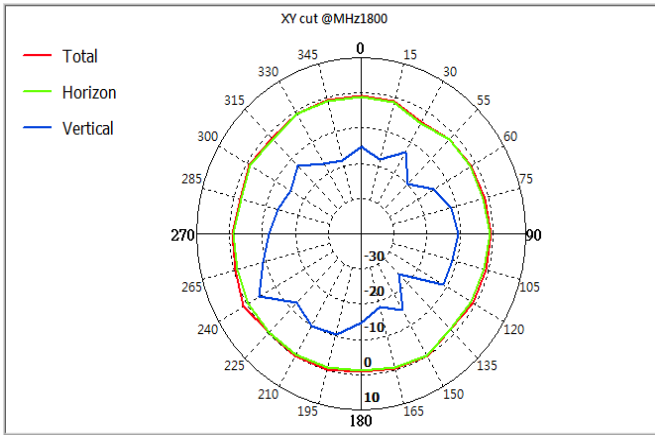


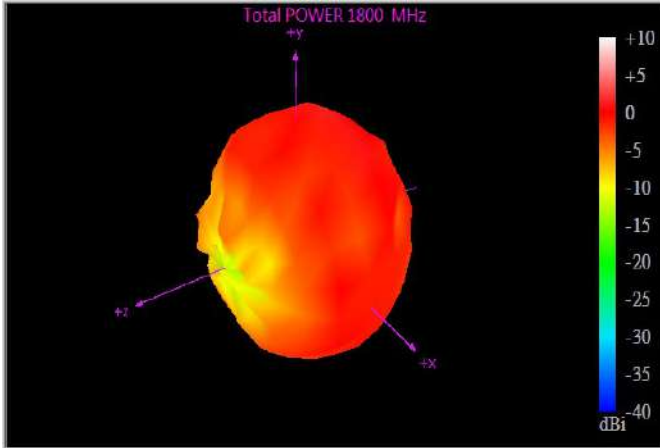
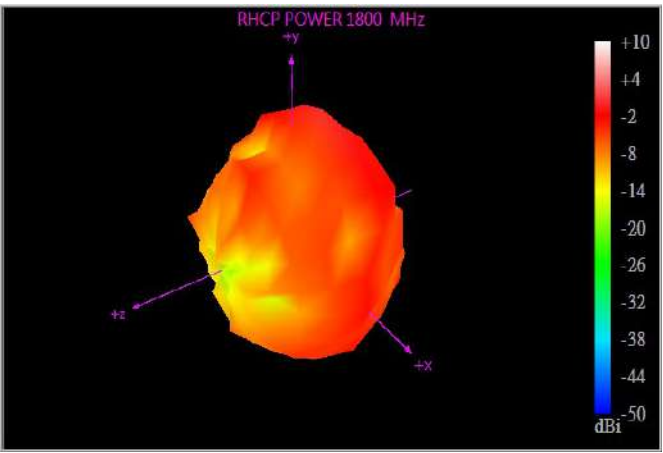
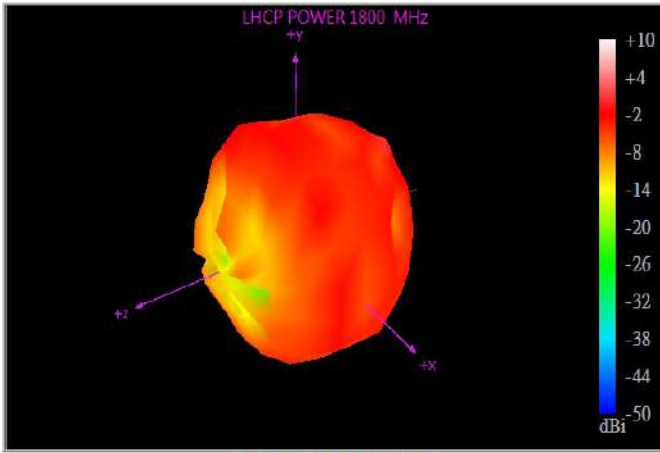
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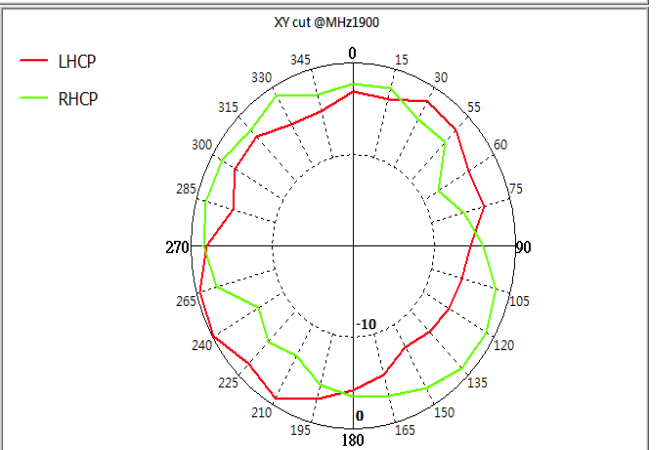
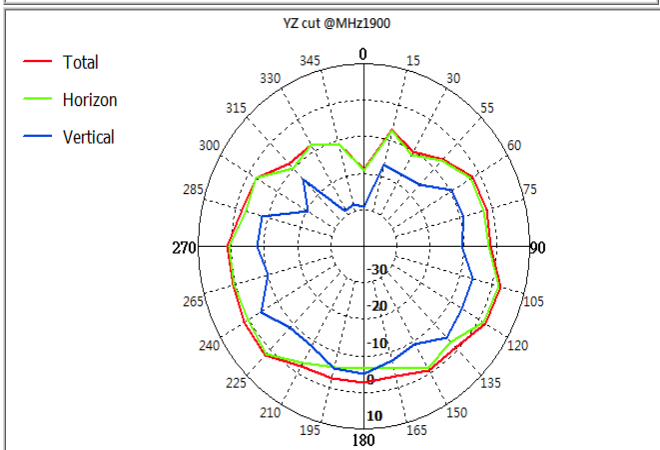
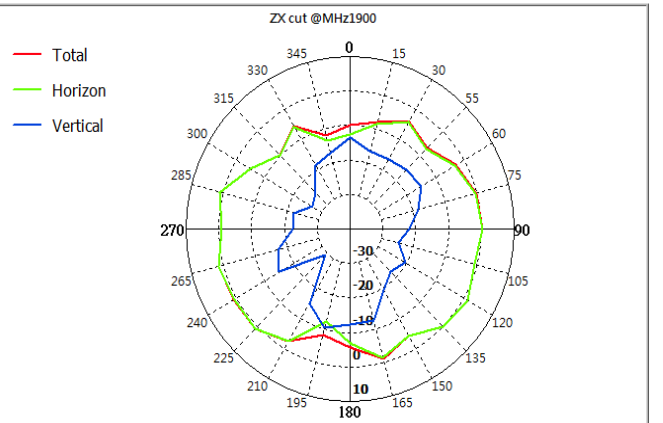
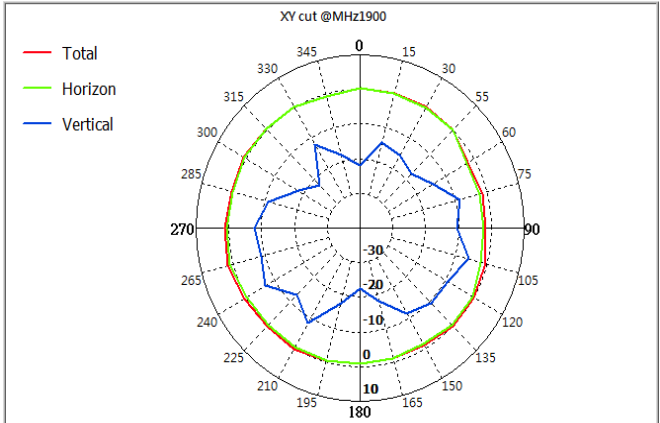


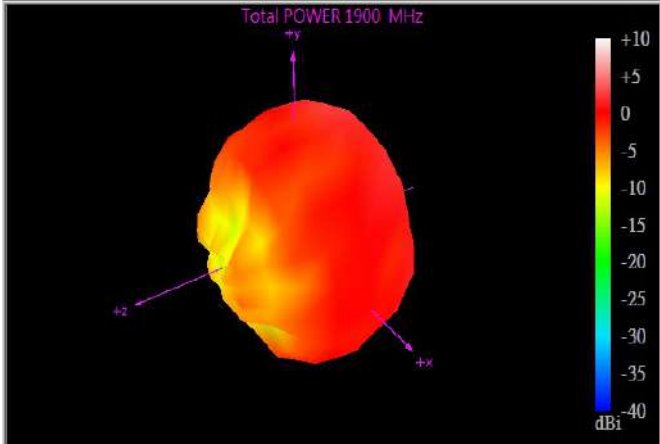
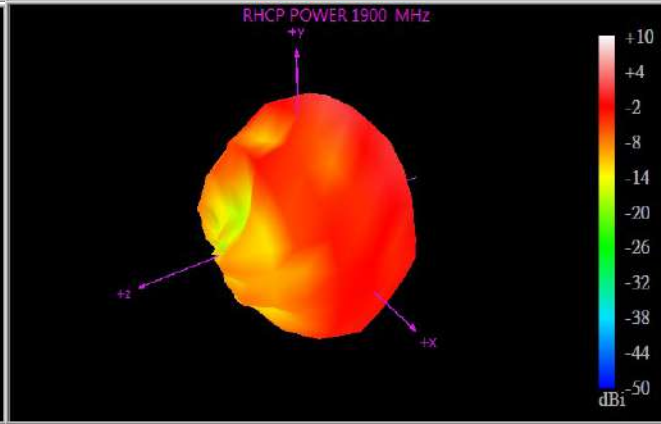
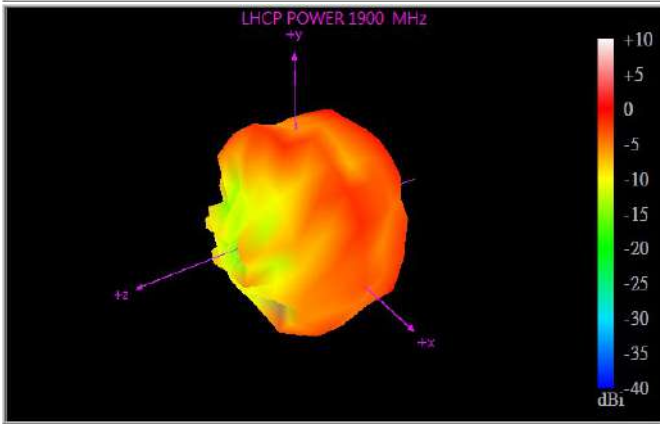
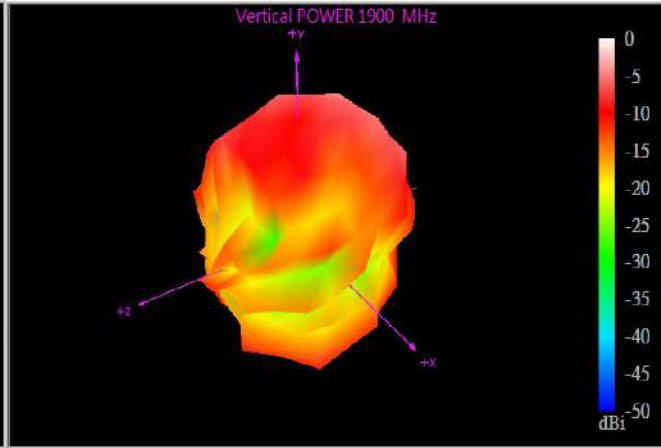
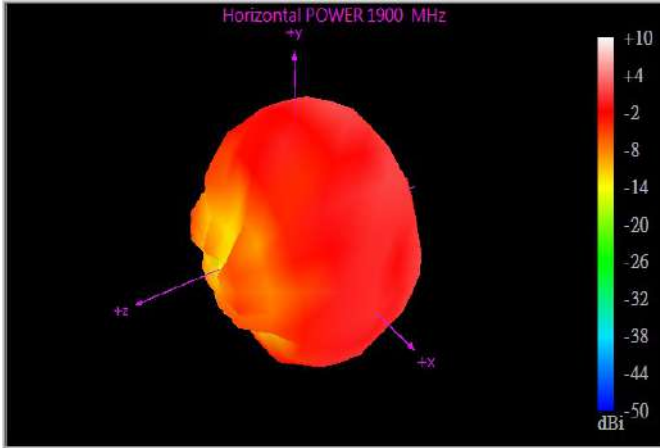
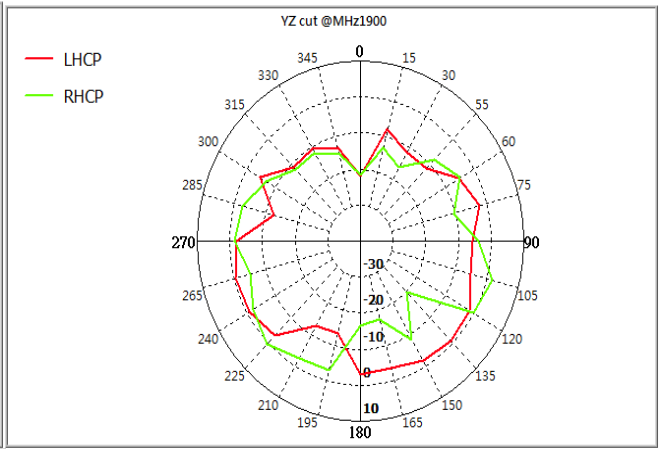
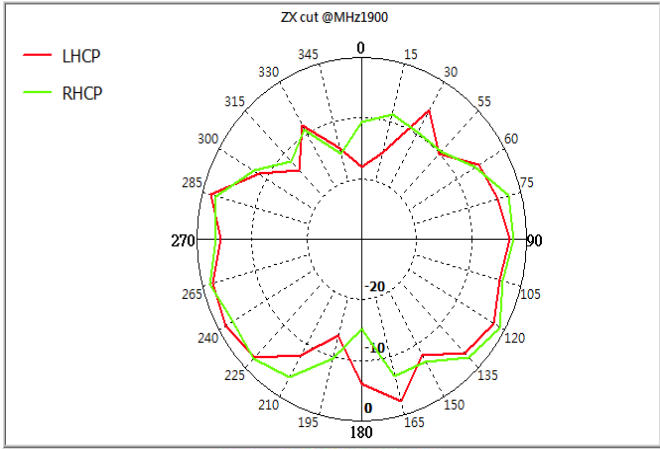
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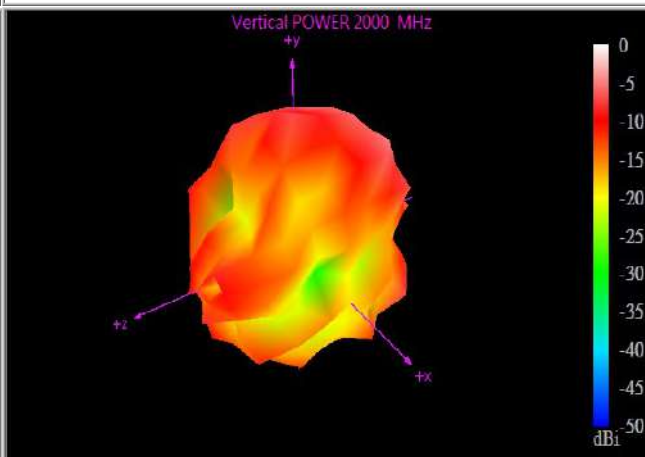
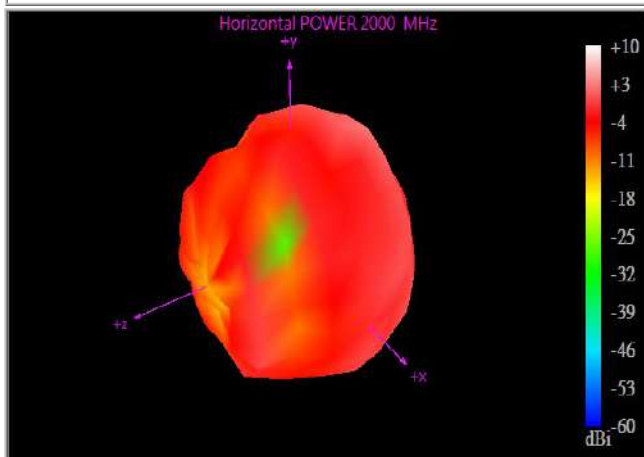
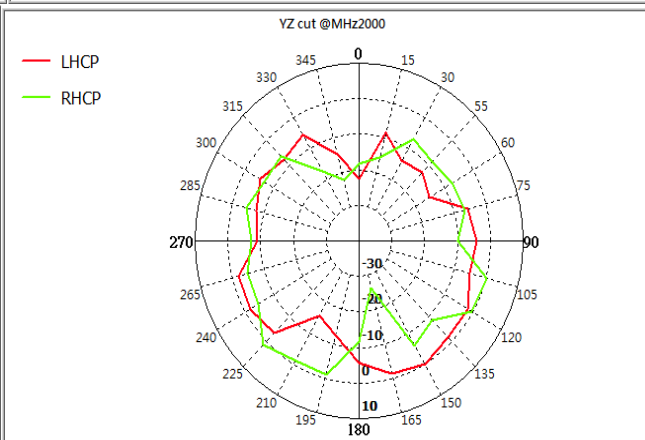
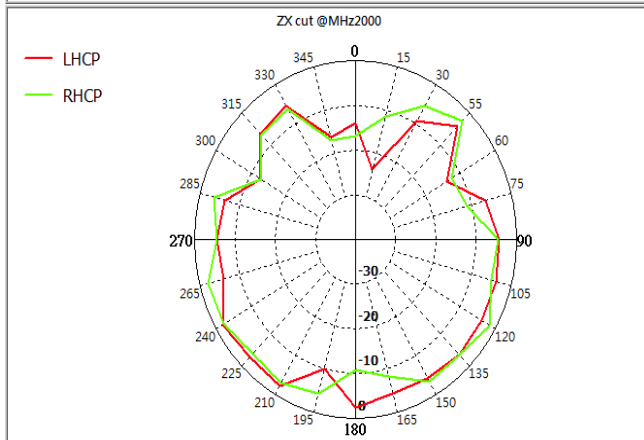
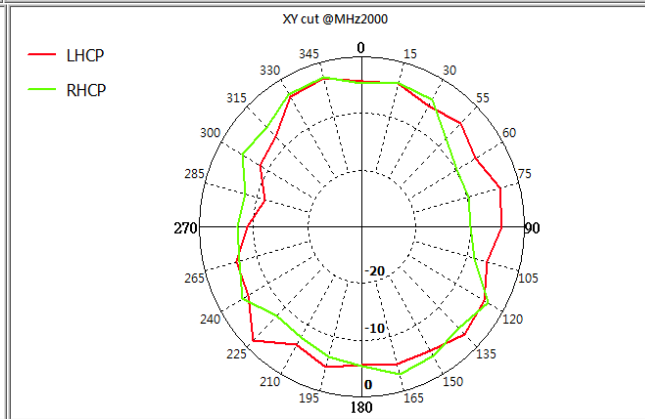
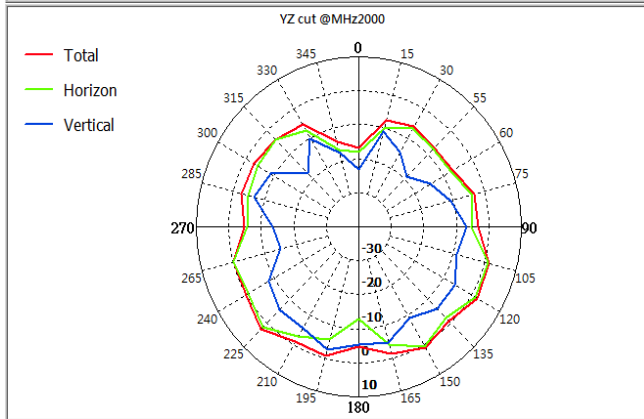
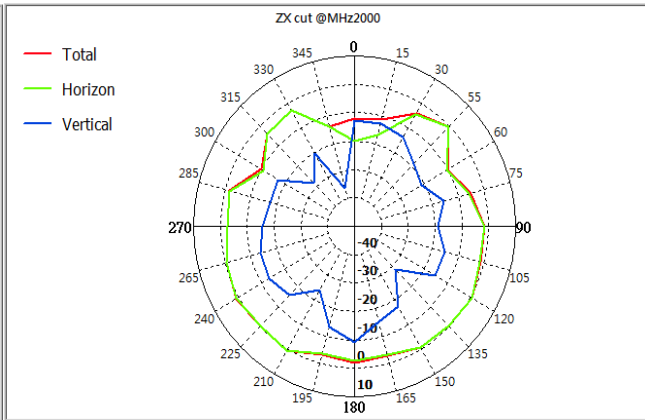
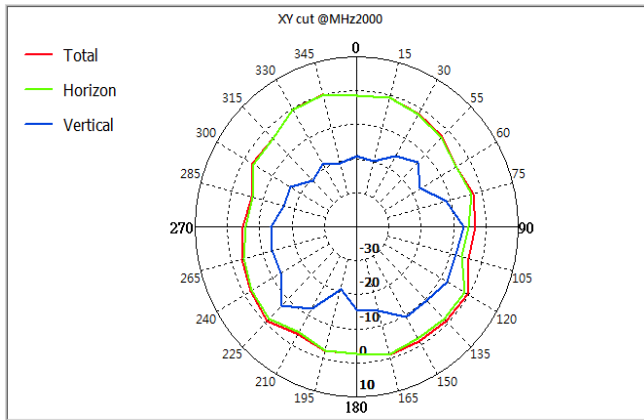


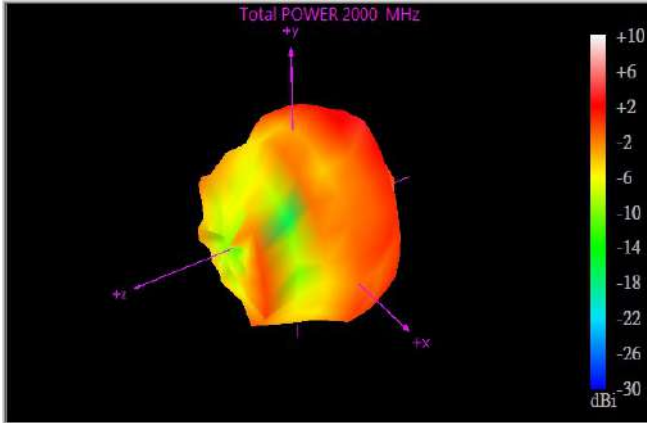
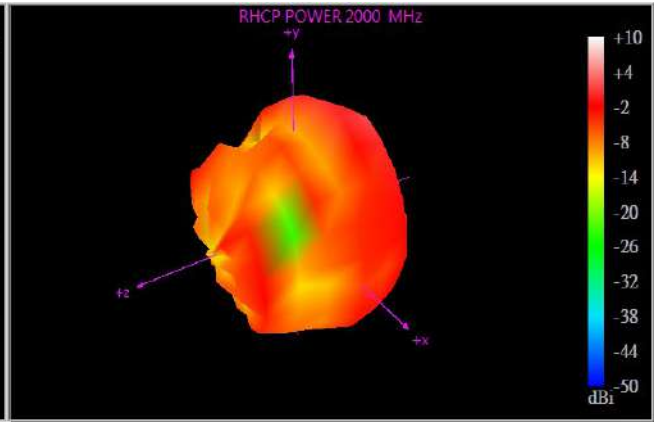
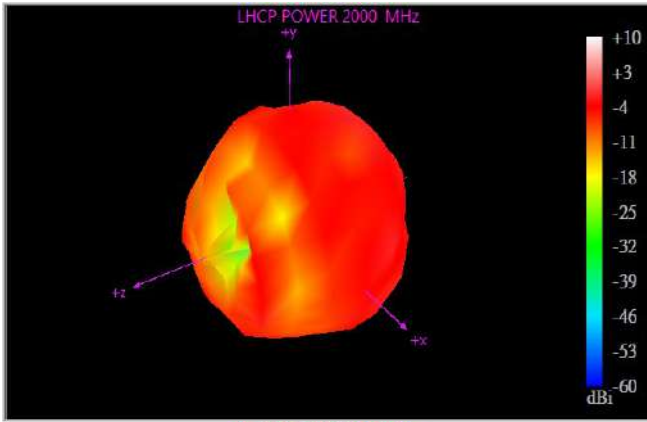
1900MHz:



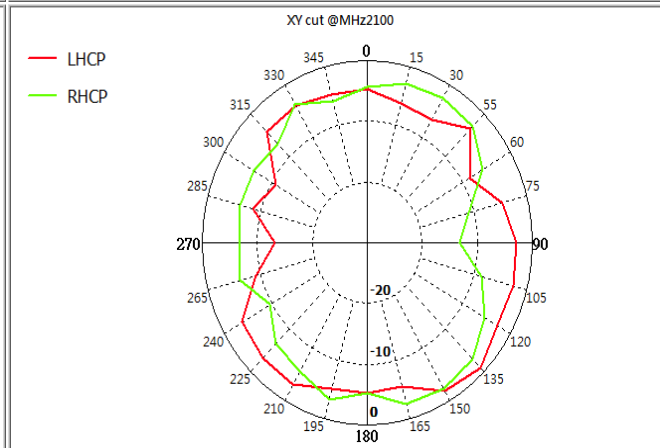
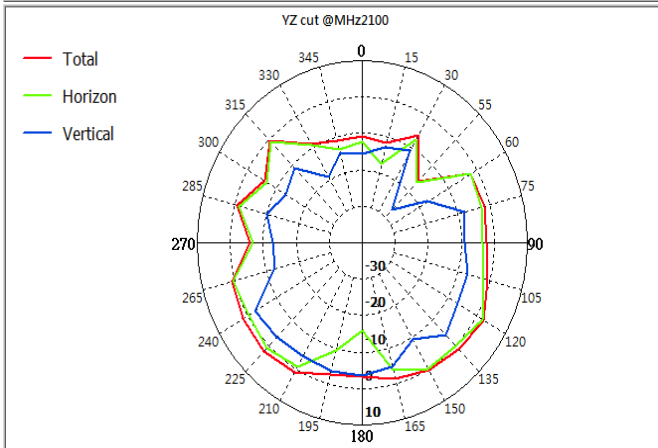
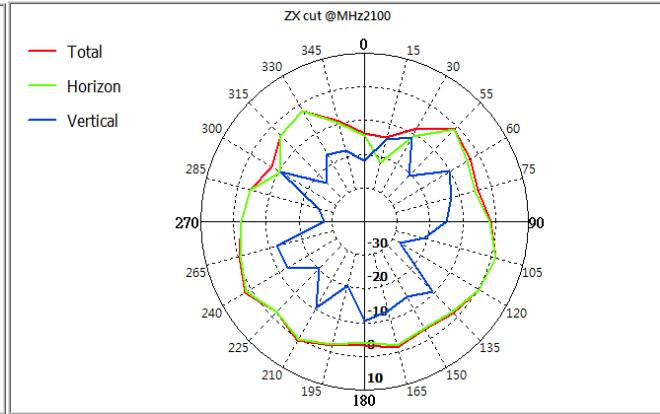
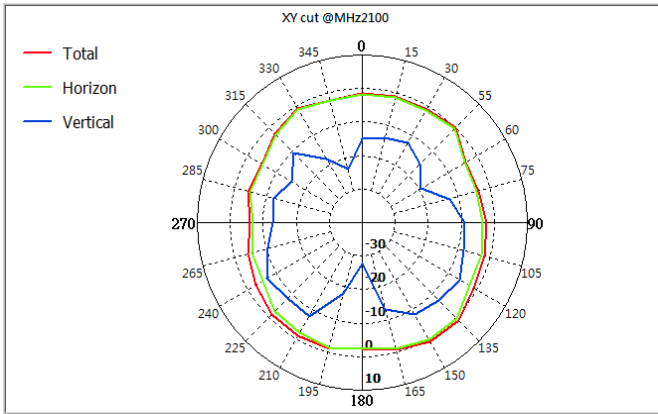


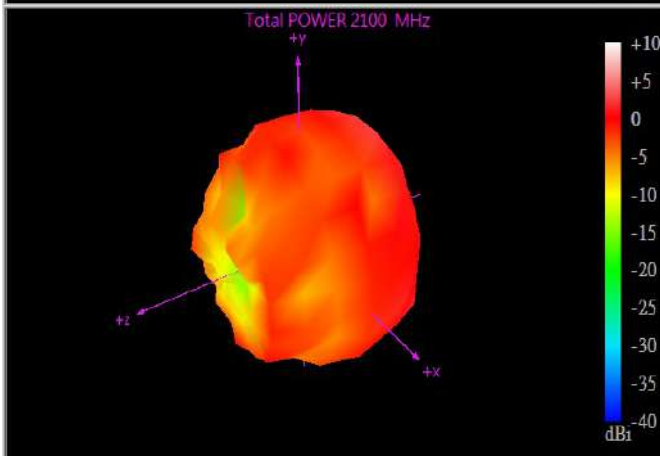
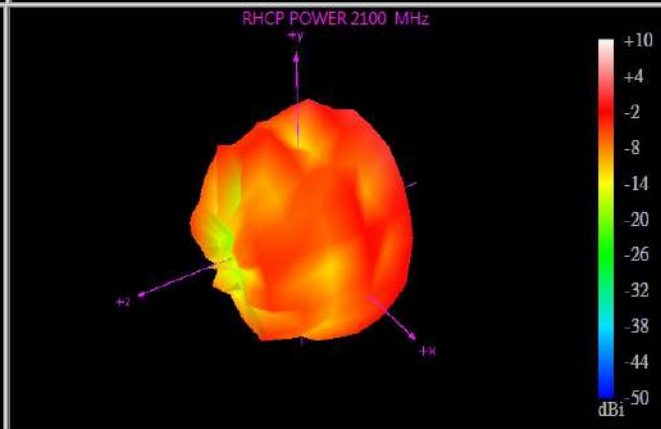
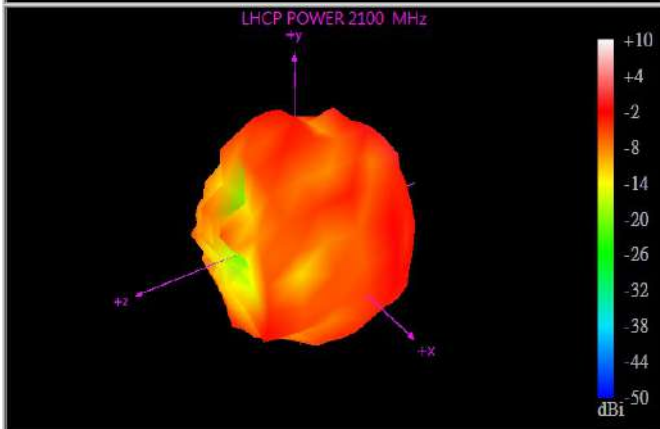
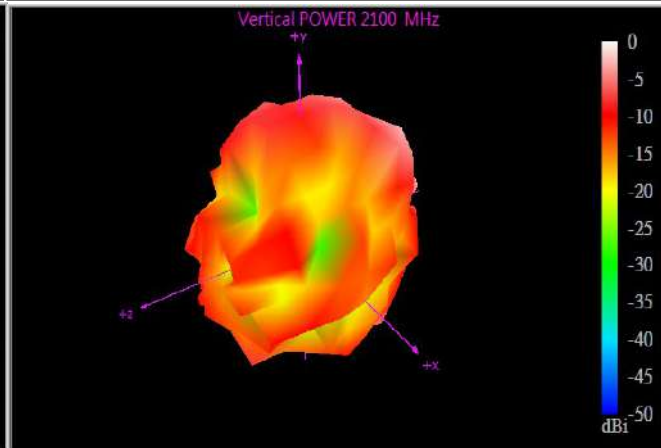
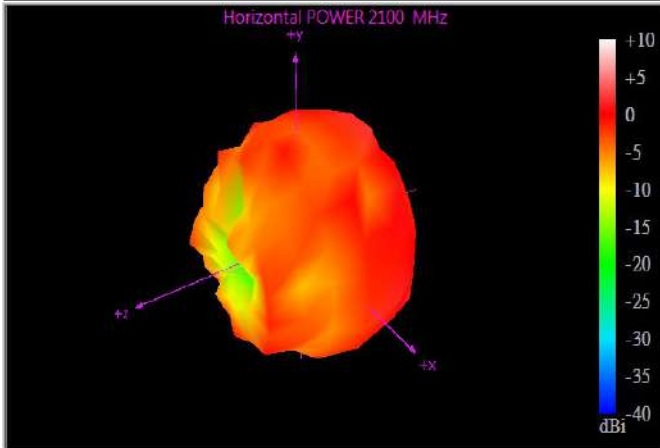
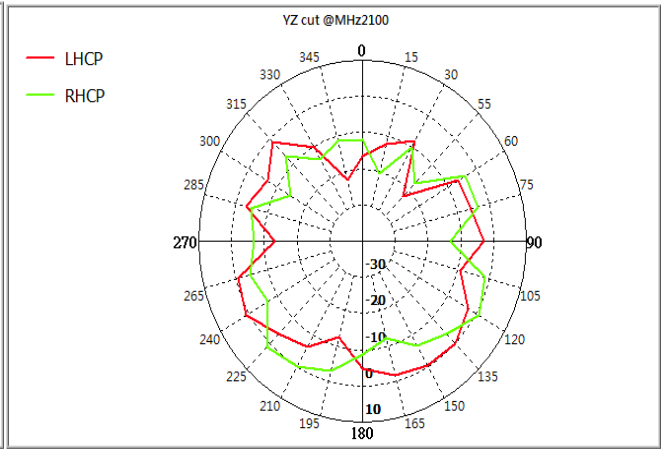
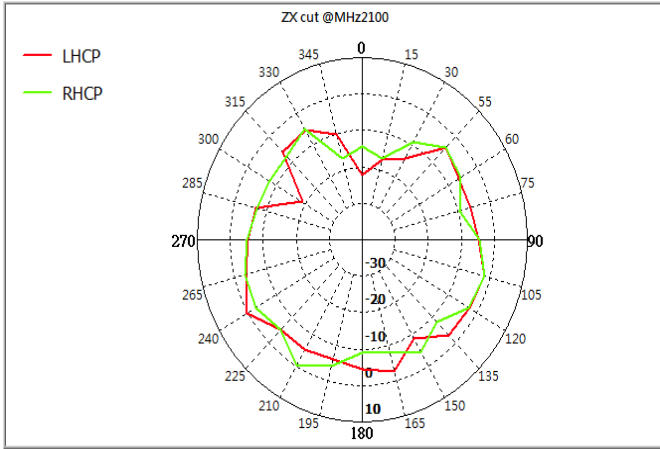
2000Mhz:



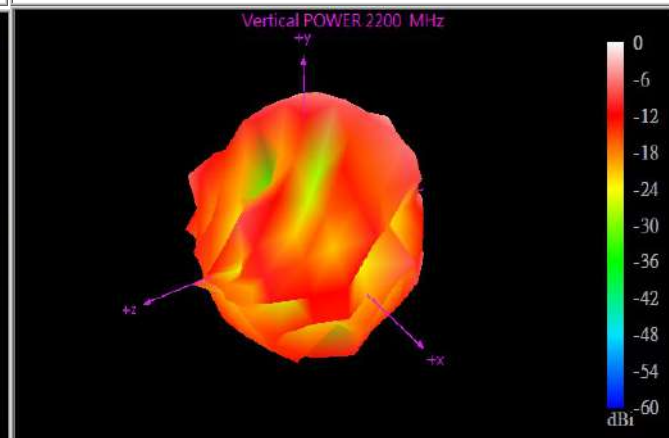
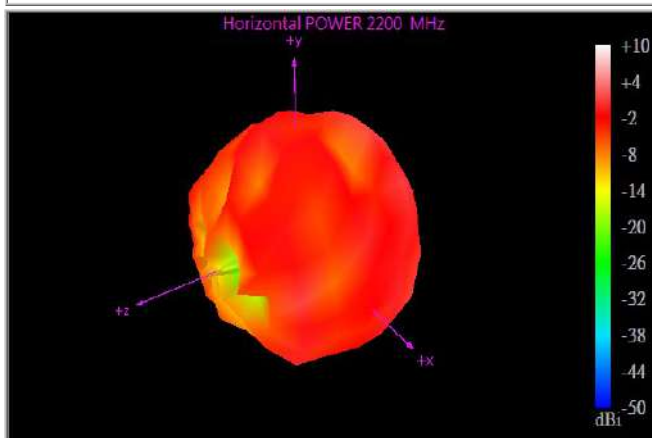
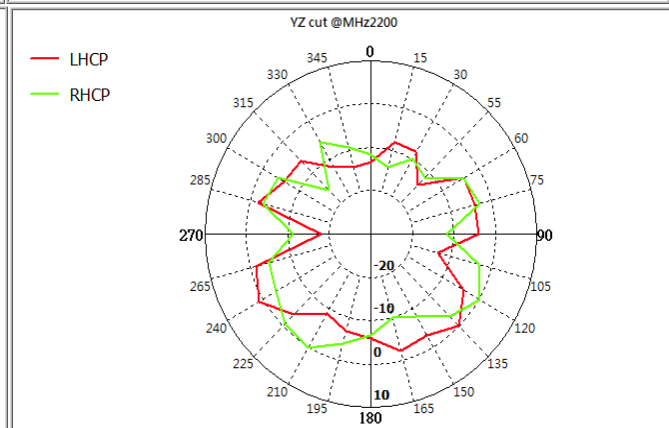
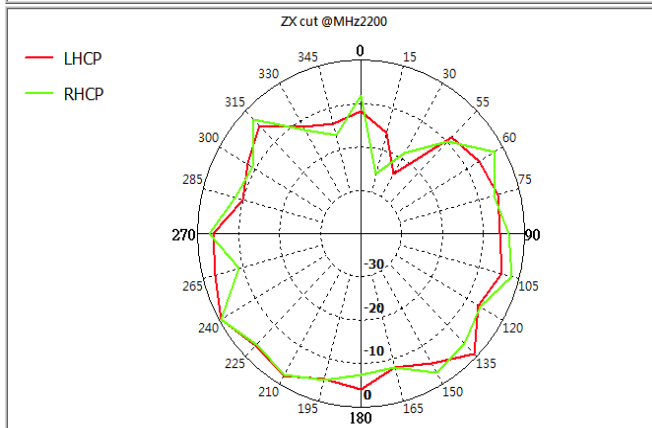
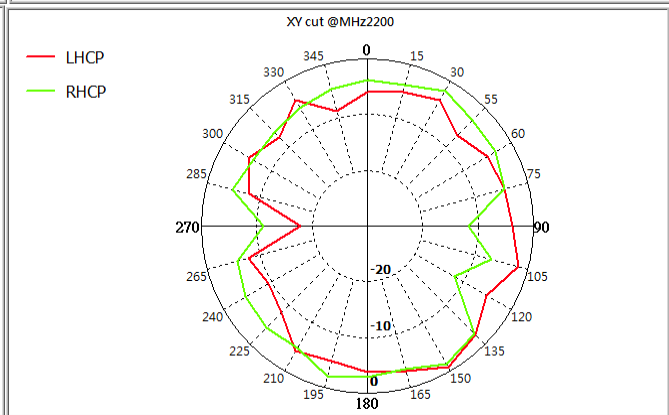
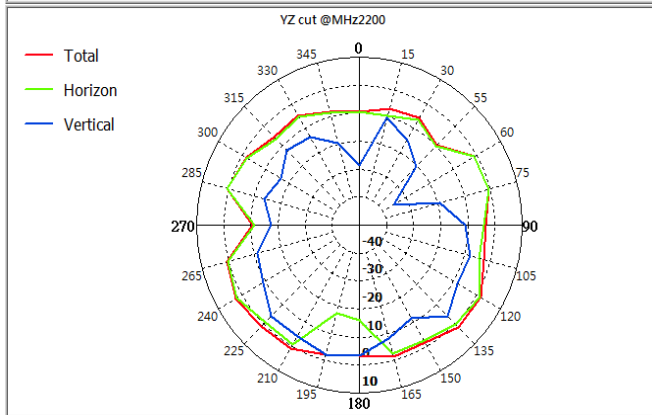
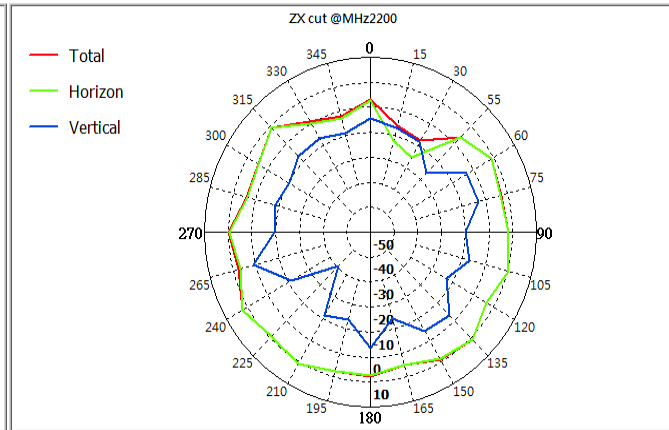
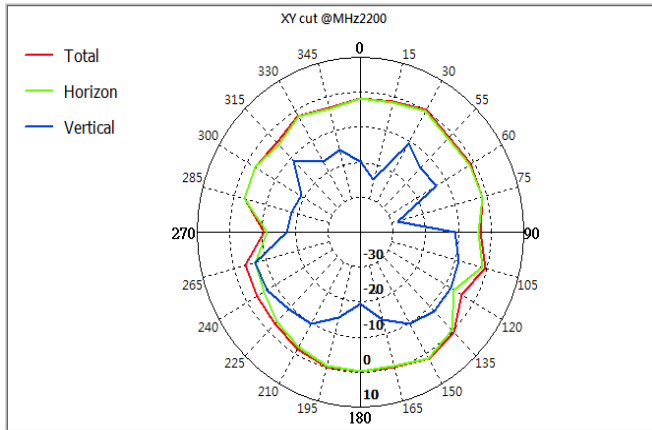


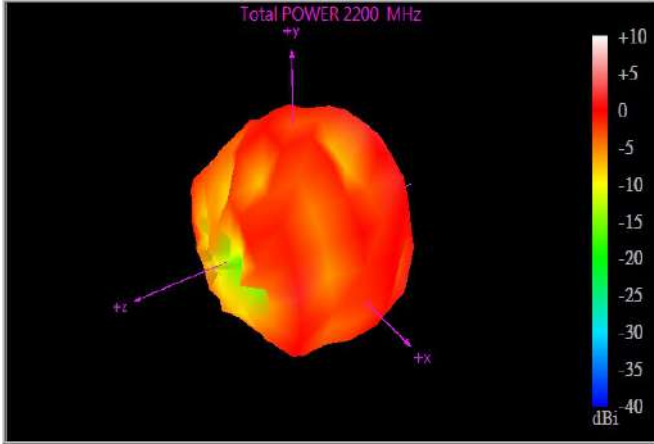
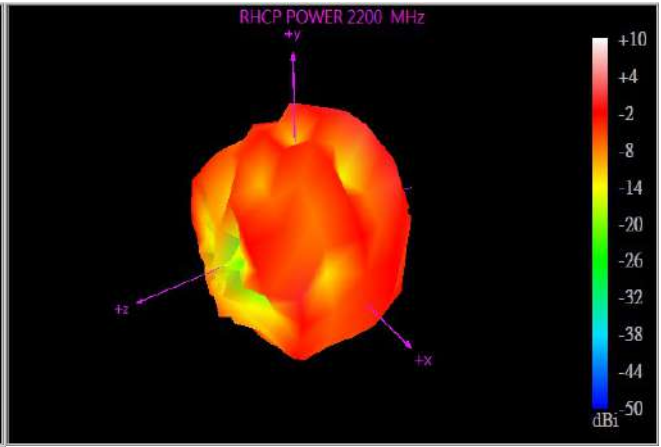
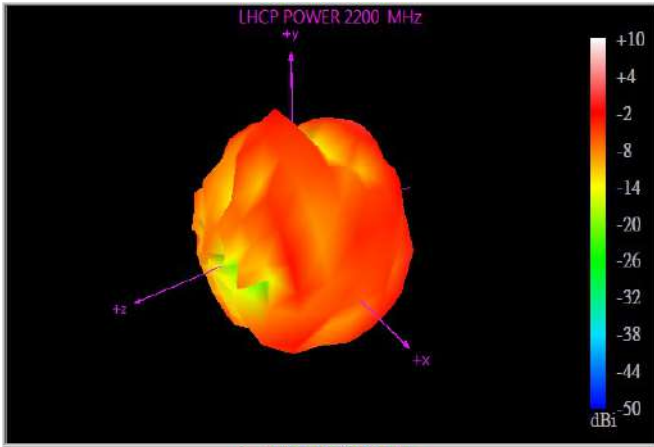
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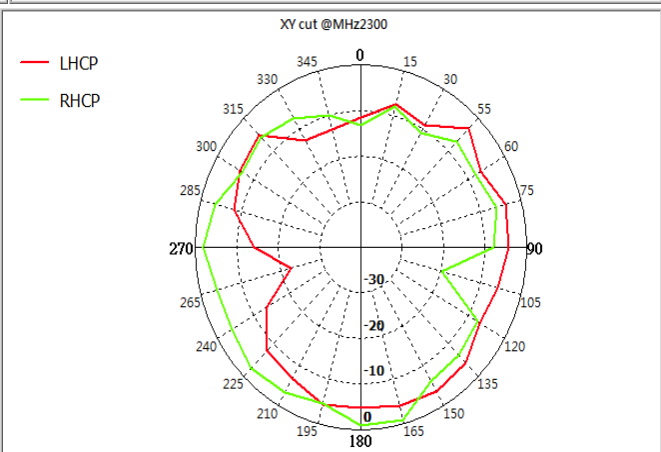
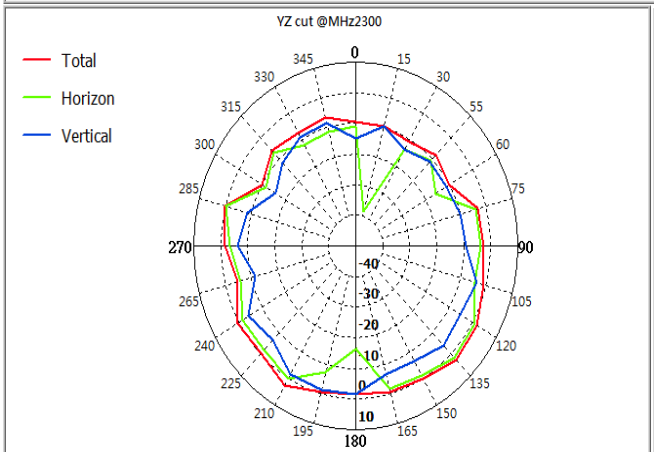
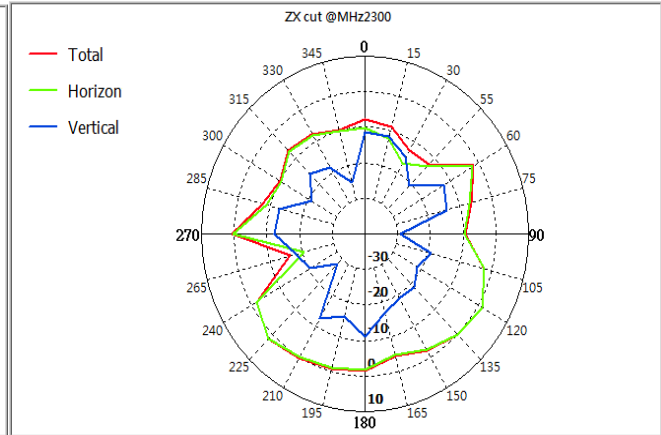
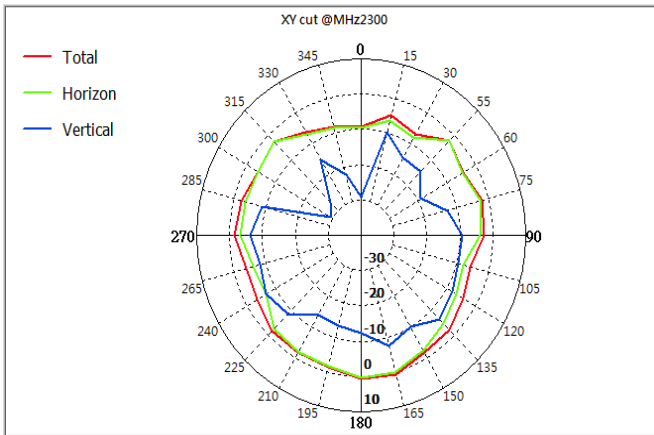


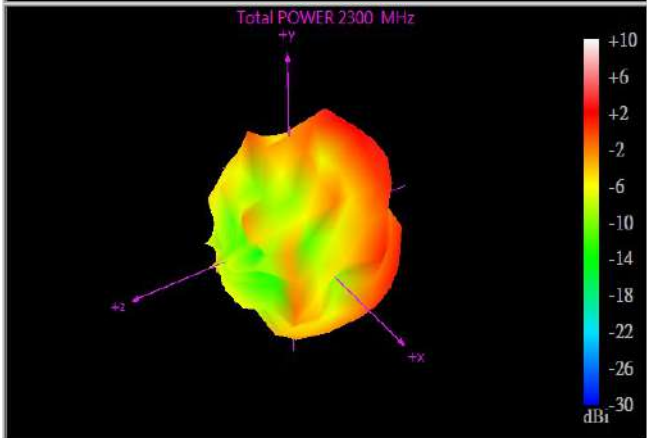
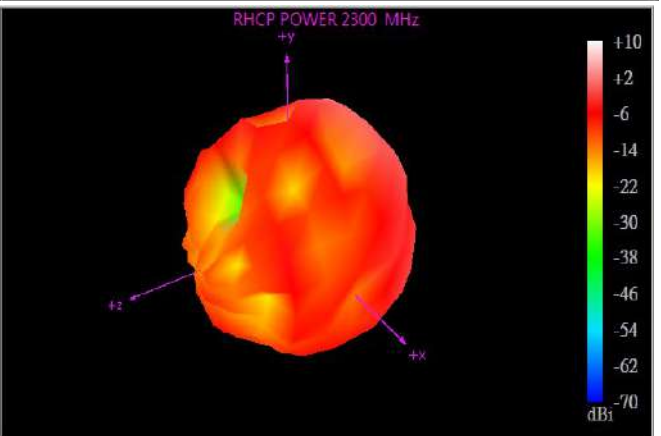
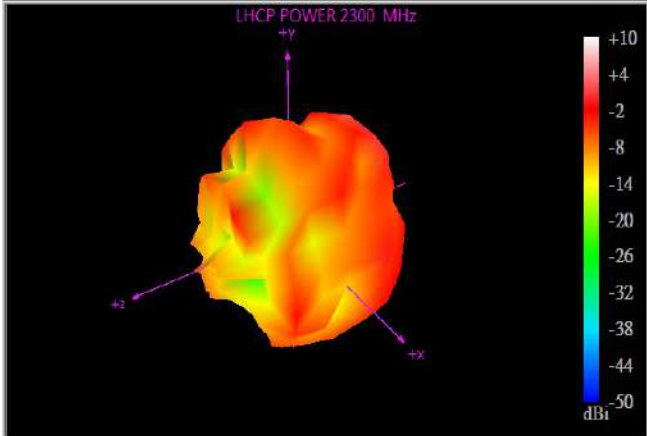
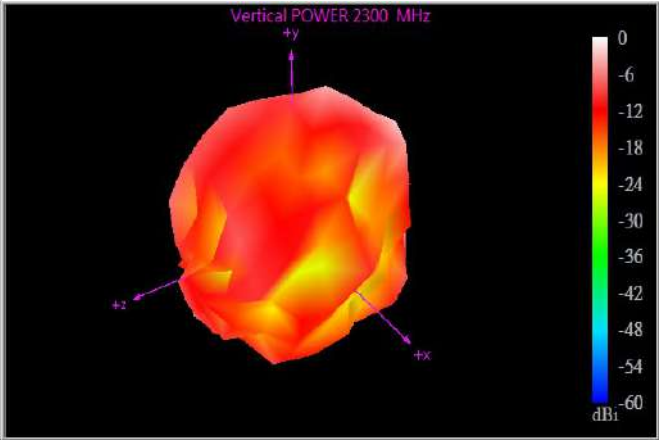
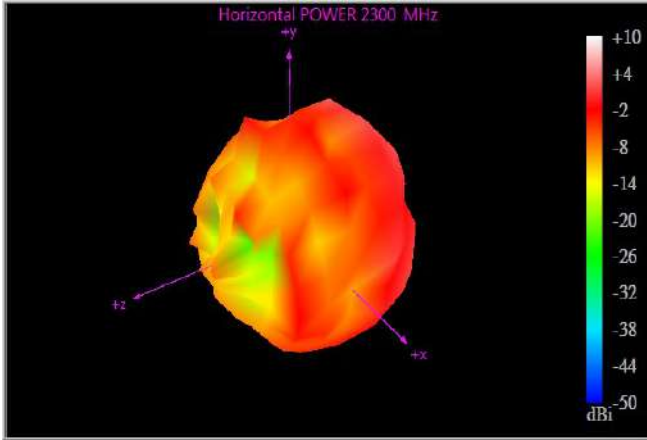
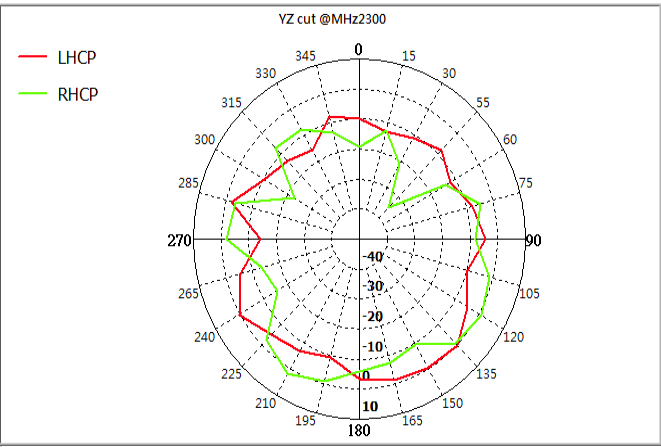
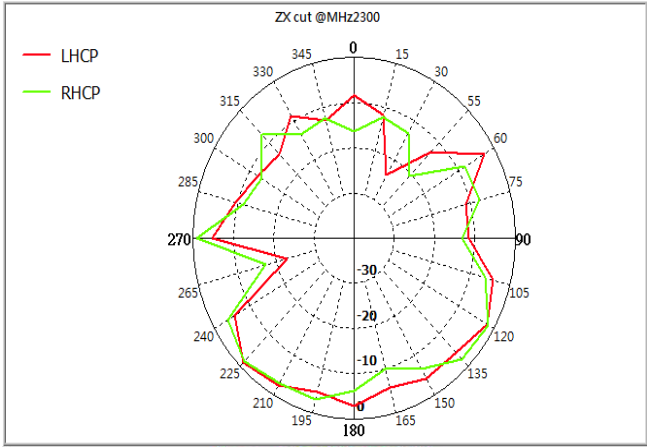
2200Mhz:



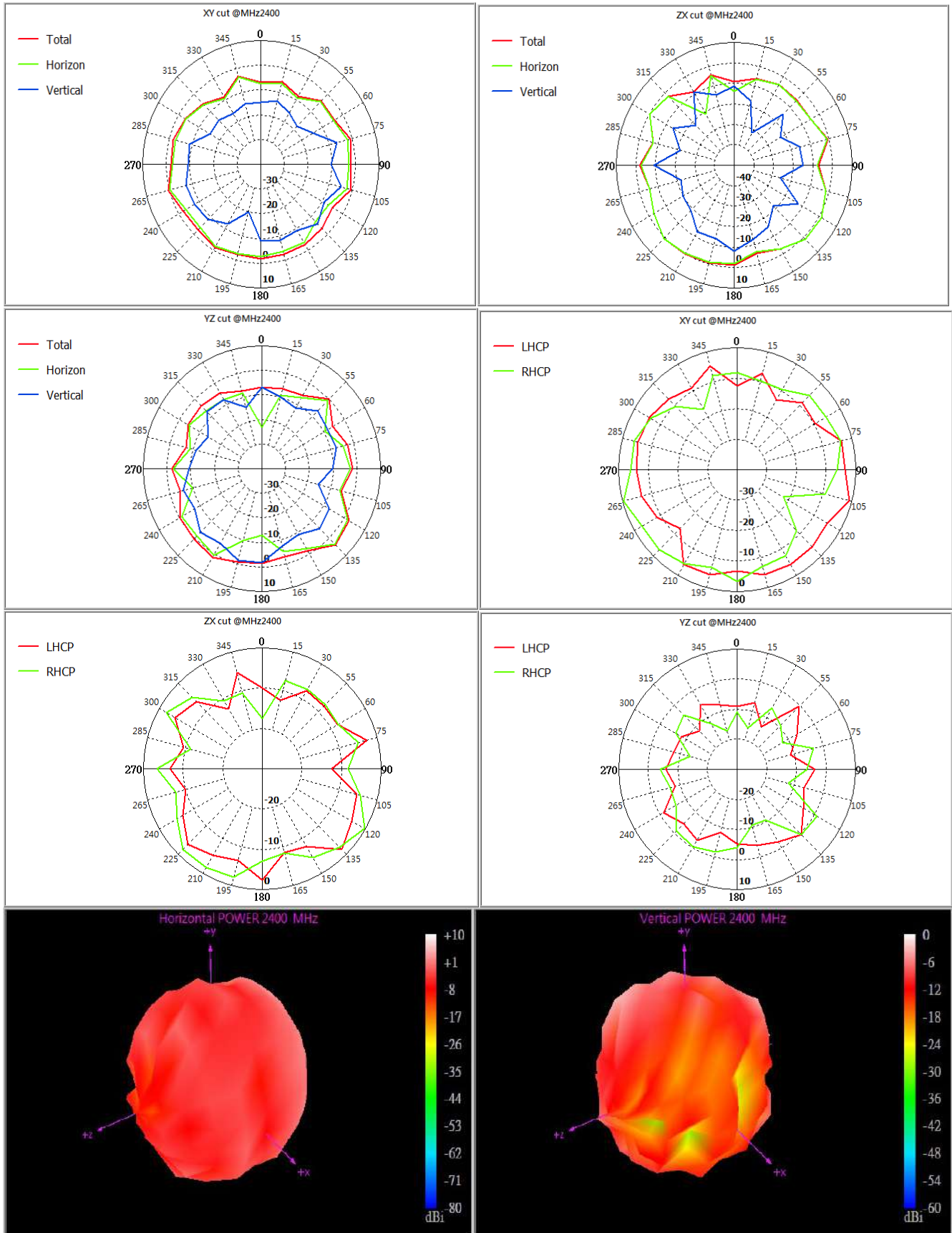


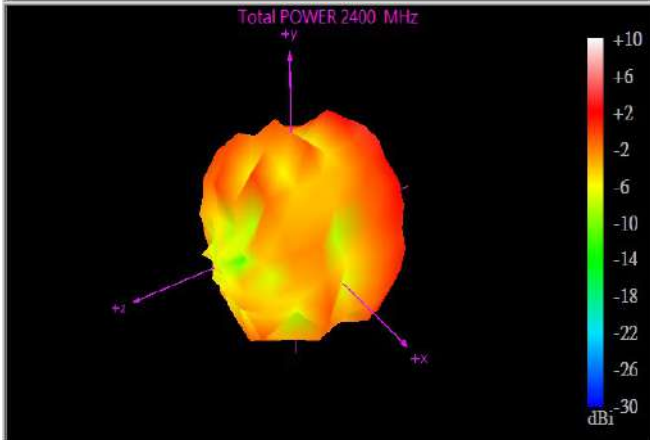
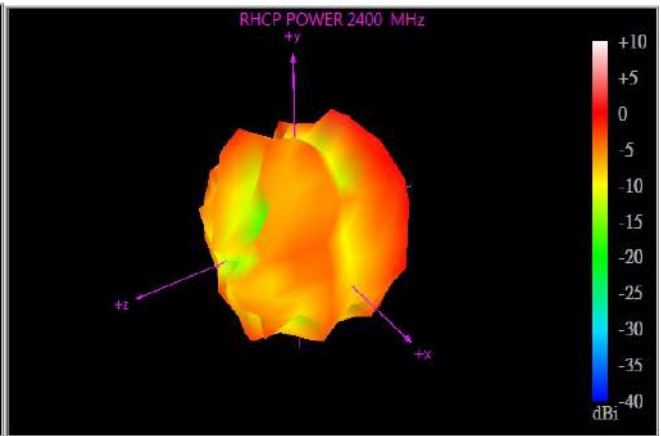
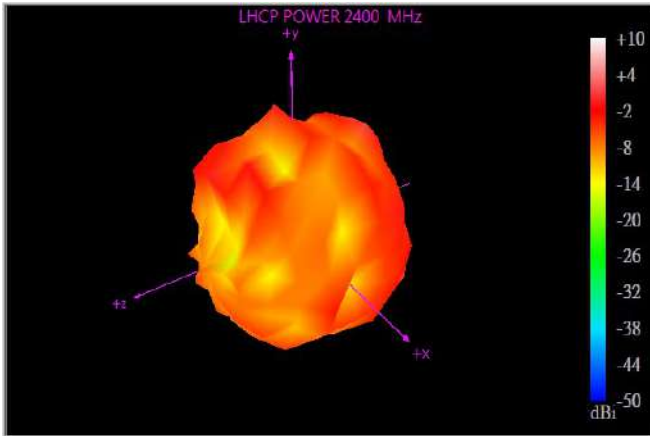
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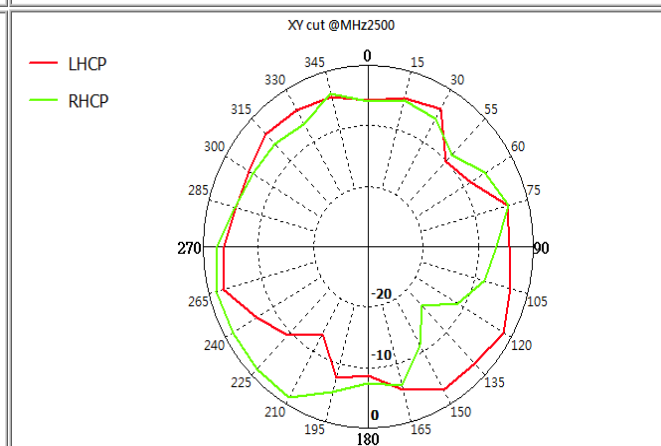
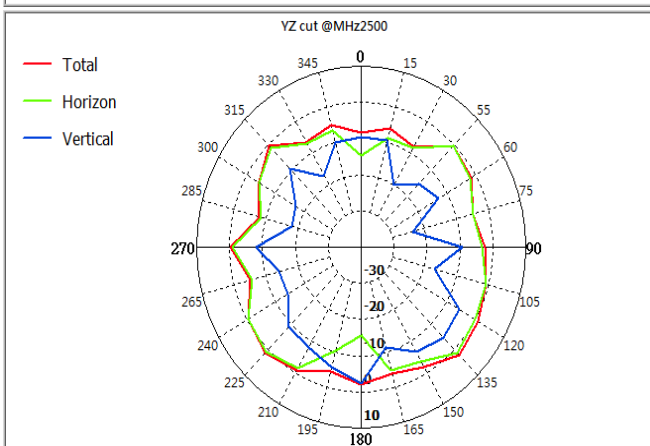
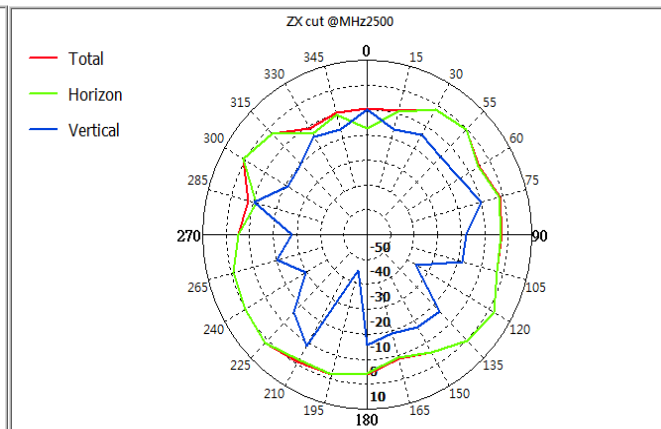
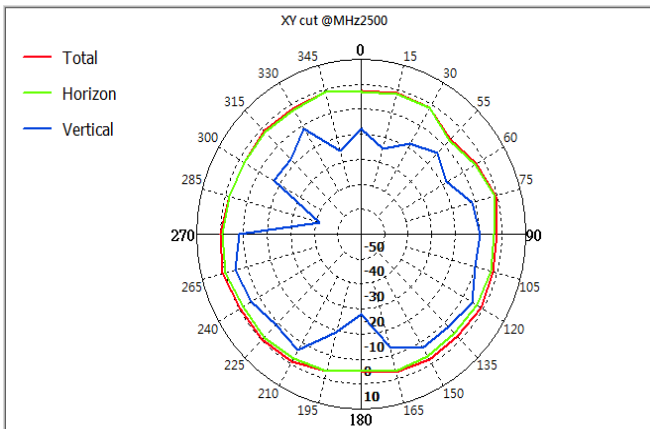


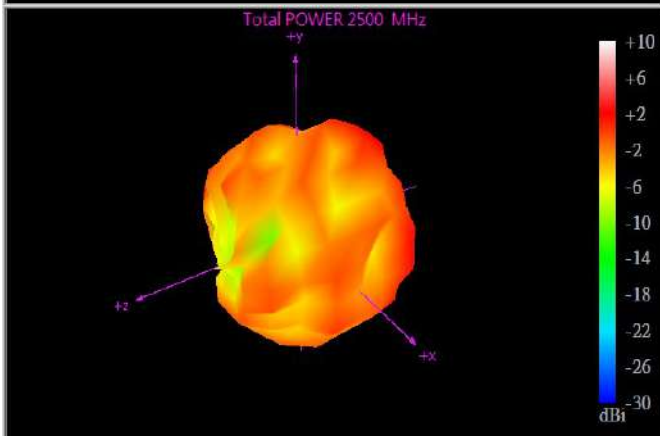
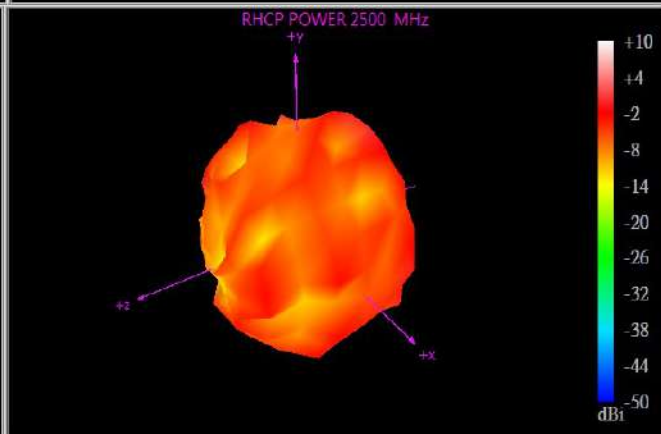
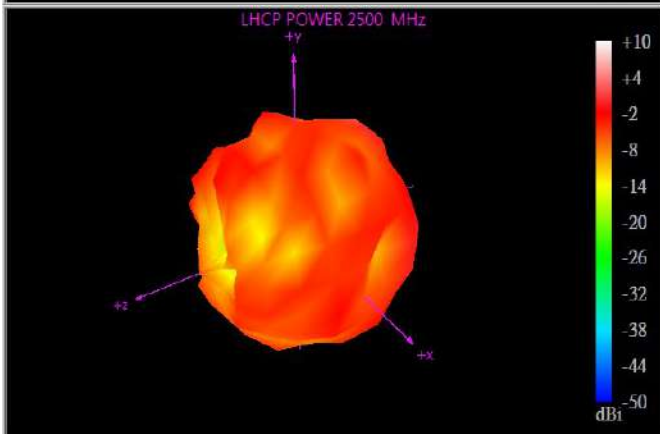
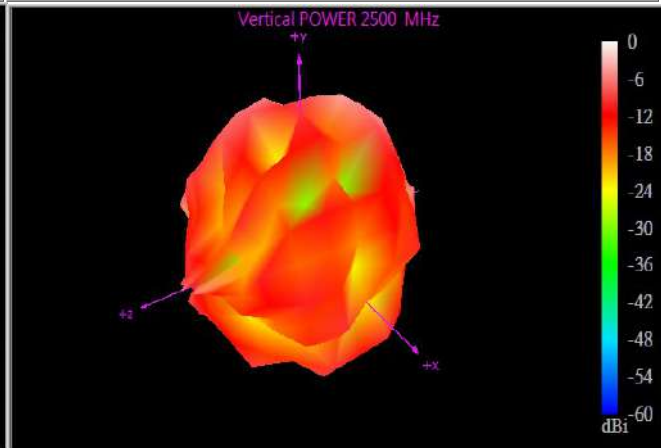
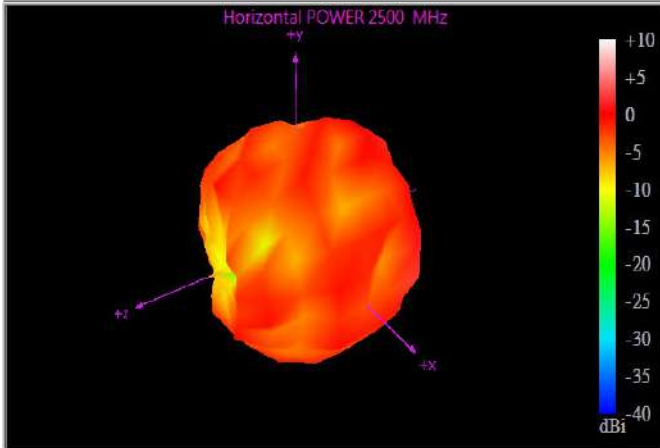
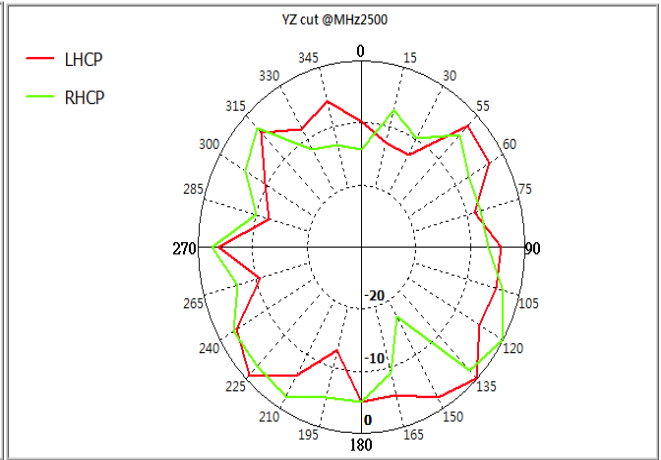
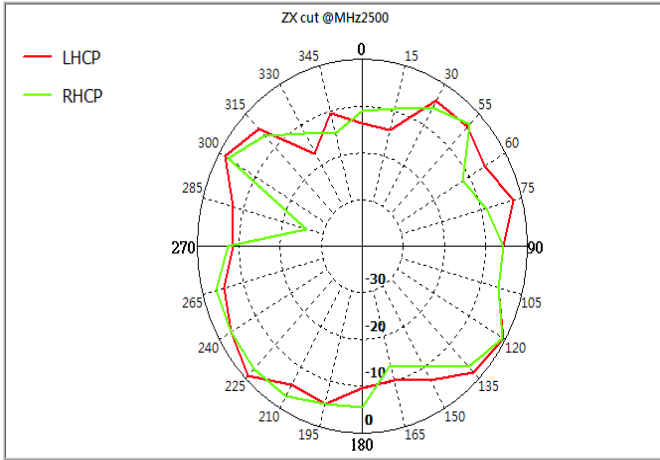
2400Mhz:





2500MHz:





2600Mhz:

