

L & 2.4G & S Band Gooseneck Antenna

MODEL: TH-1330-TNC(M)



1. GENERAL DESCRIPTION

Model No	P/N
TH-1330	TH1330-TNC(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	1350~3000Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0 : 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	235mm ±15
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C

REV.	DESCRIPTION	DRAWN/DATE	CHECK/DATE	APPROVED/DATE
A	RELEASE	IVY/2023.08.15	NICK/2023.08.15	ROBERT/2023.08.15

235±15

75

30

GOOSENECK

Ø11

40

Ø18

TUBE

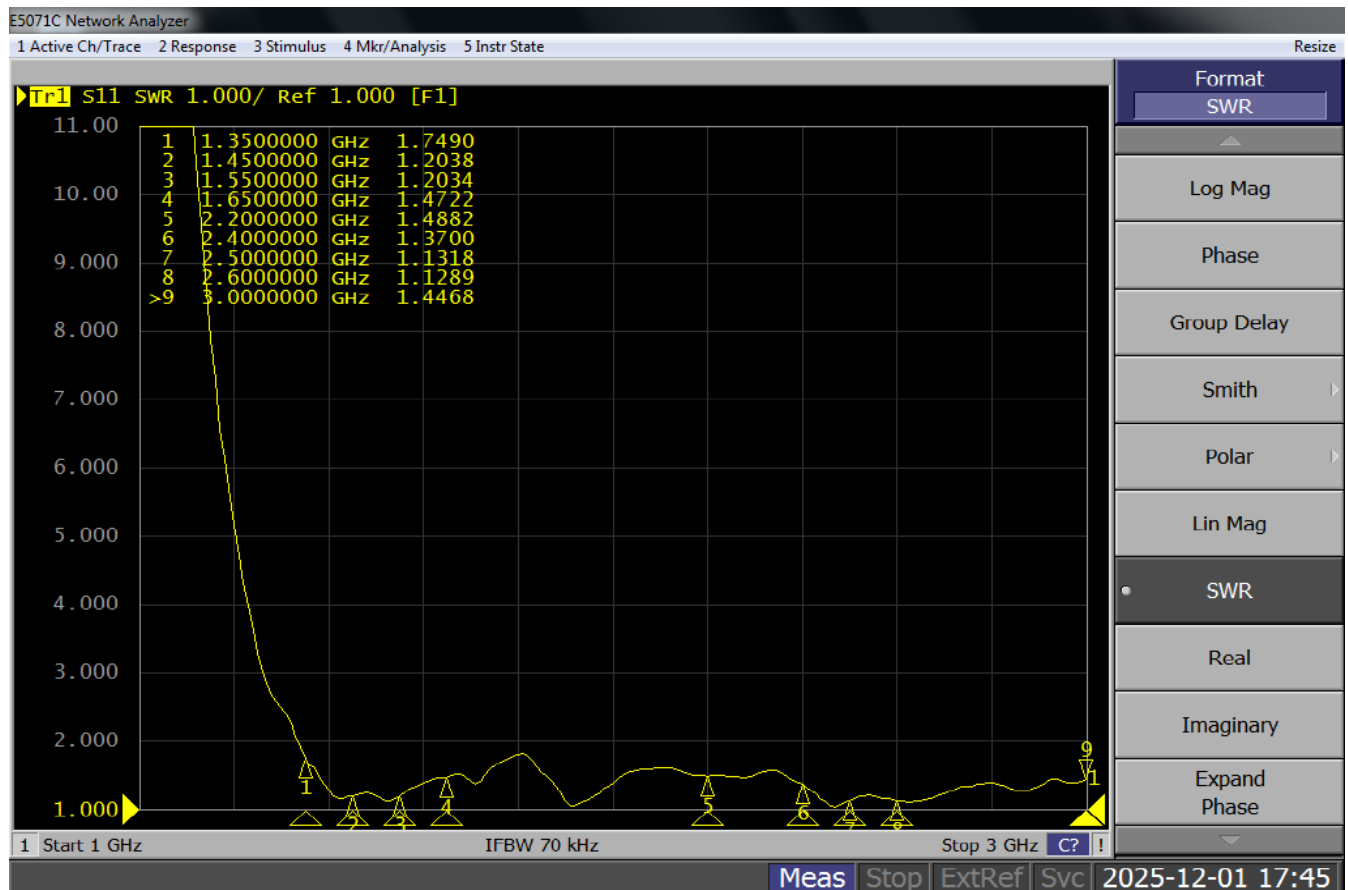
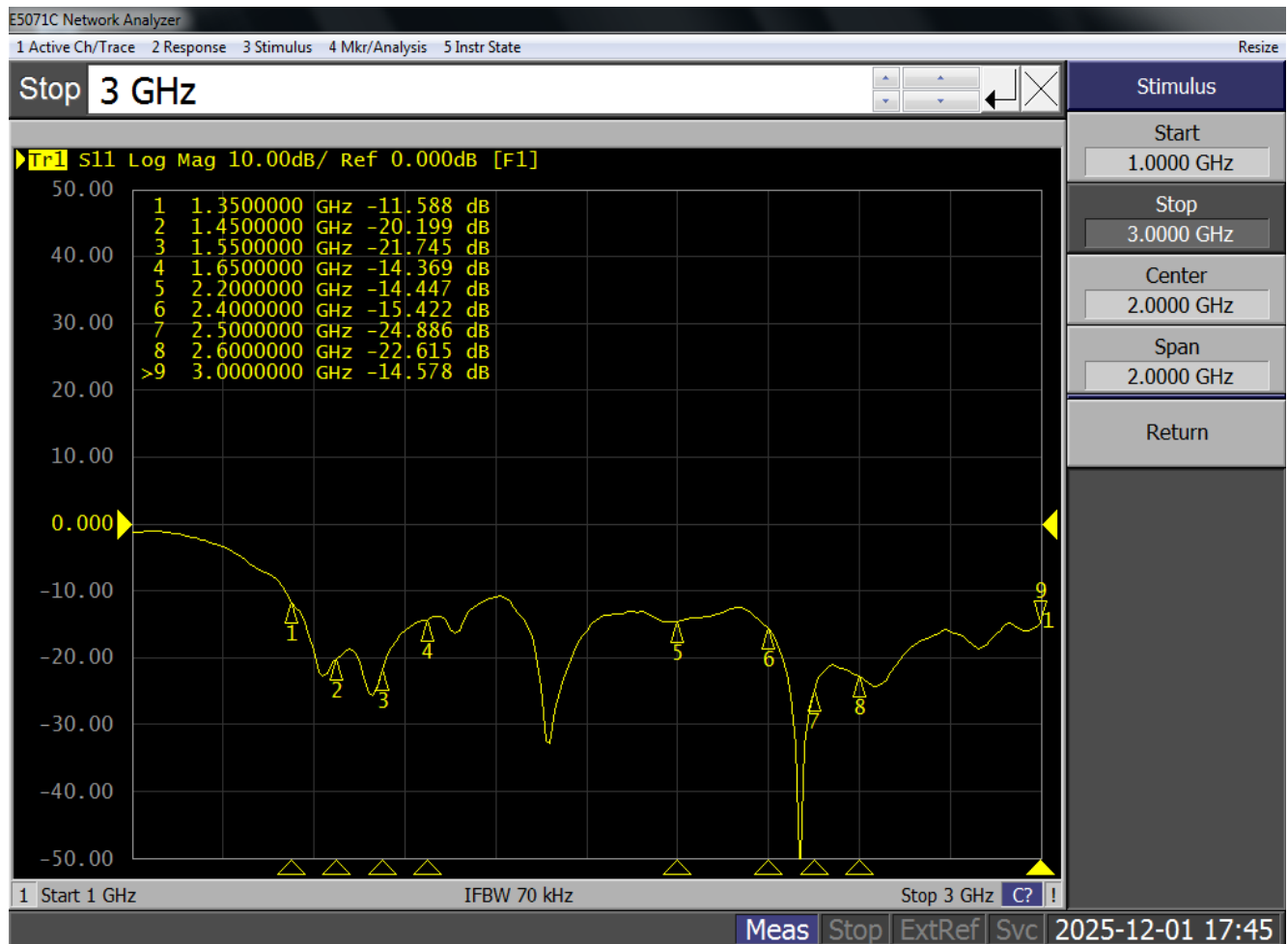
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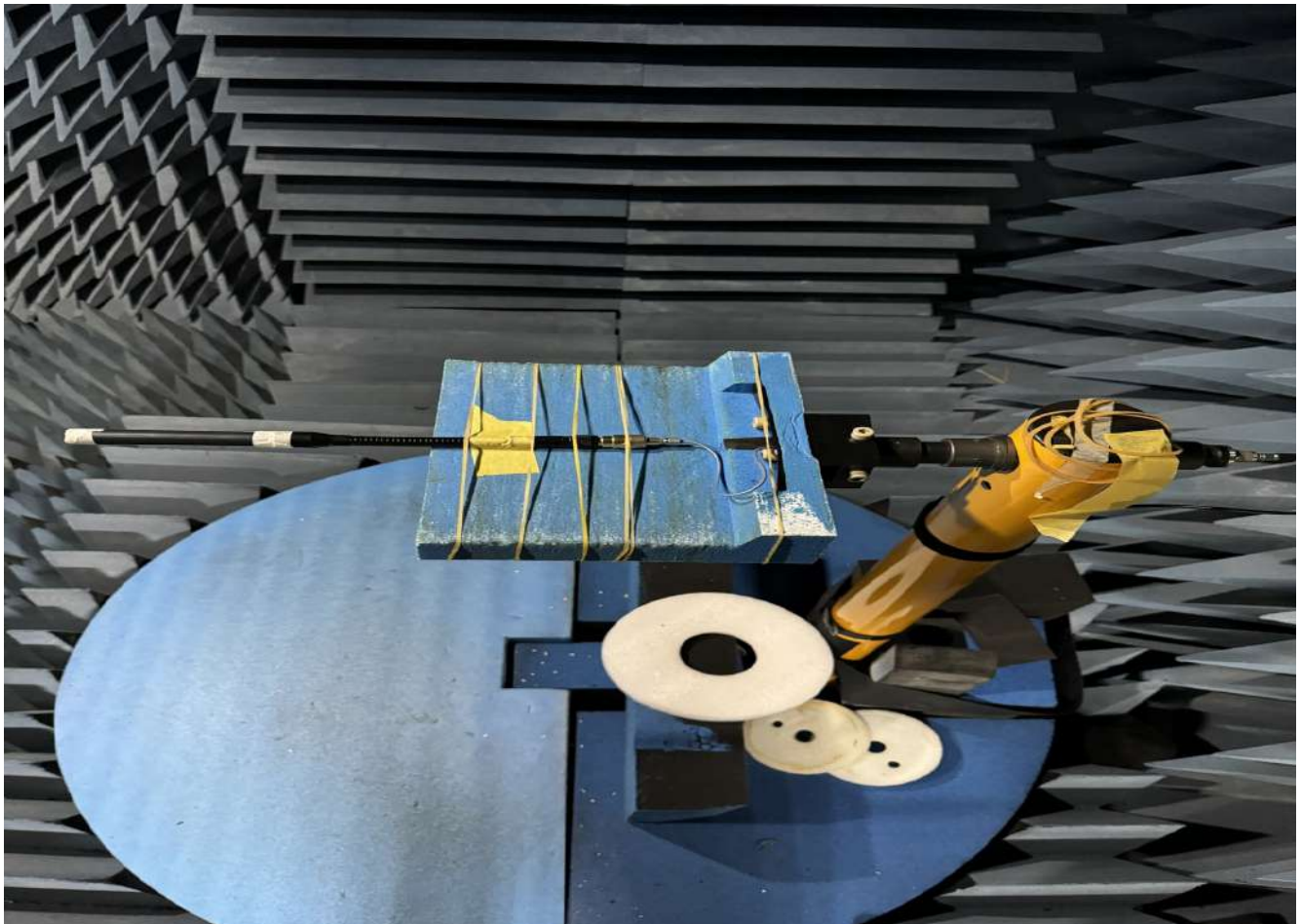
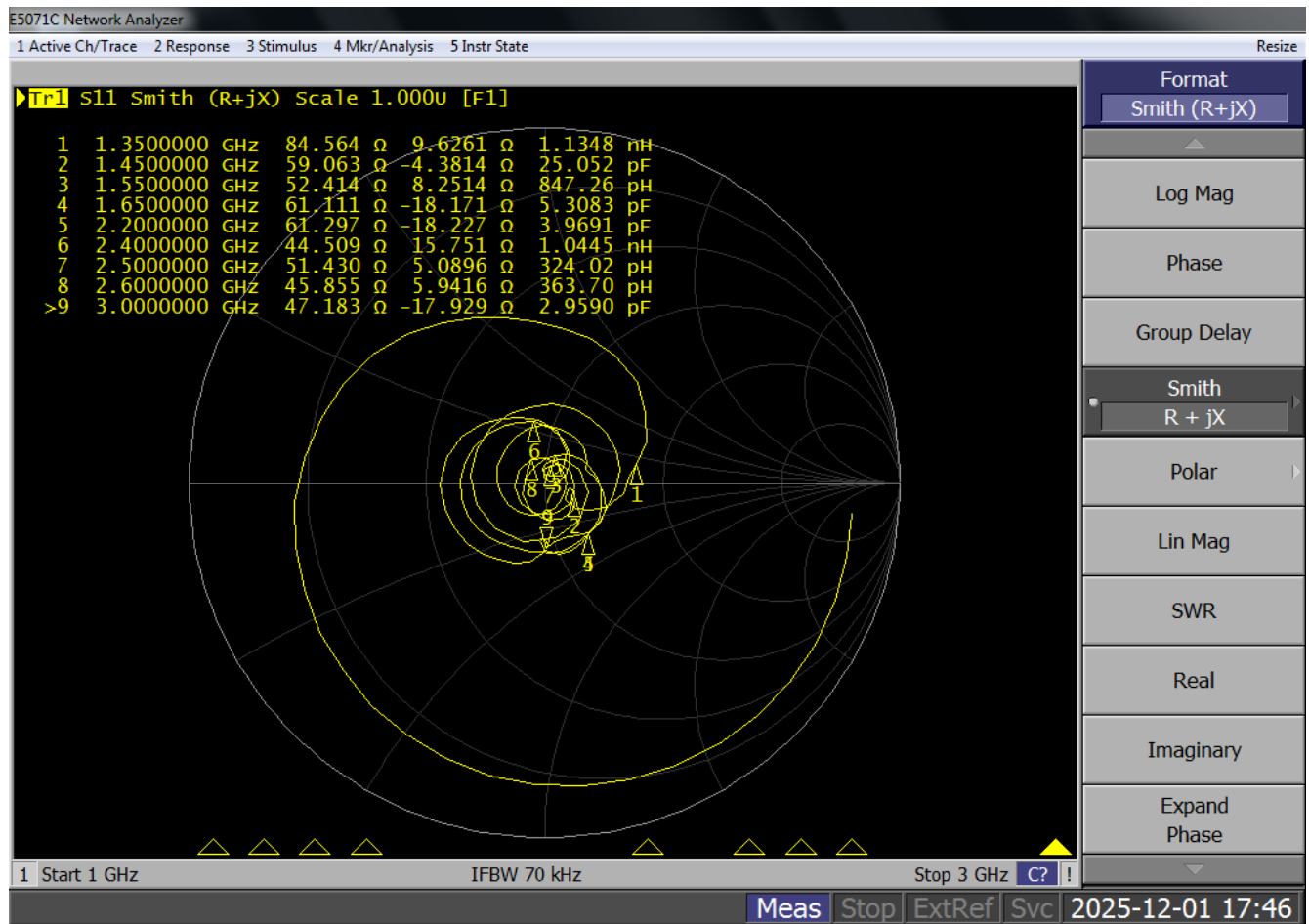
CAP

TNC PLUG

ITEM	ITEM NAME	MATERIAL	QTY/EA	FINISH	REMARK
3	CAP	ASA	1	BLACK	
2	TUBE	ASA	1	BLACK	
1	TNC PLUG	SUS	1	BLACK	

THIS DRAWING IS A CONTROLLED DOCUMENT		DRAWN IVY	DATE 08.15.2023	百展科技有限公司 TH1330-TNC(M)	
GENERAL TOLERANCE X ±0.30		CHECKED NICK	DATE 08.15.2023		
X ±0.25 X ±0.15 X ±0.05		DATE 08.15.2023	DATE 08.15.2023		
X ±0.10 X ±0.05		DATE 08.15.2023	DATE 08.15.2023		
VALUED DIMENSIONS SPECIFIED TOLERANCE NOT TO EXCEED 10% UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED		APPROVED ROBERT	DATE 08.15.2023	TITLE TH1330-TNC(M)	
MATERIAL SEE BOM		UNIT mm	INCHES []	SIZE A3	PART NO.
FINISH SEE BOM		RFQ NO : 1120207		SHEET 1 OF 1 SCALE 1:1 FILE NO: 00123-NC-M0000-0	

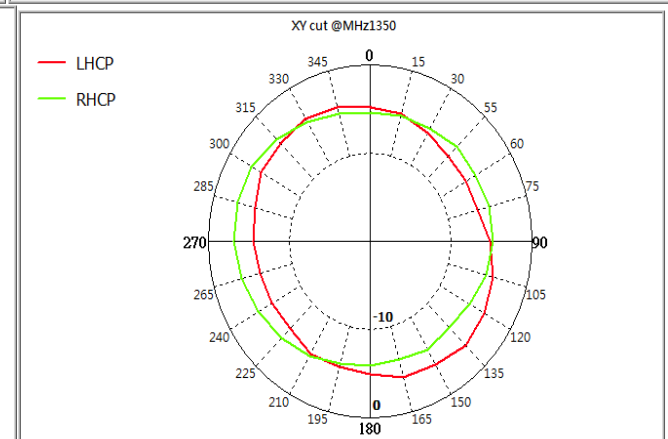
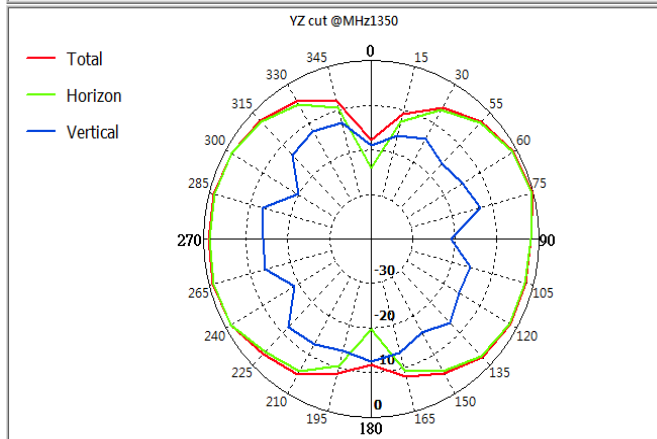
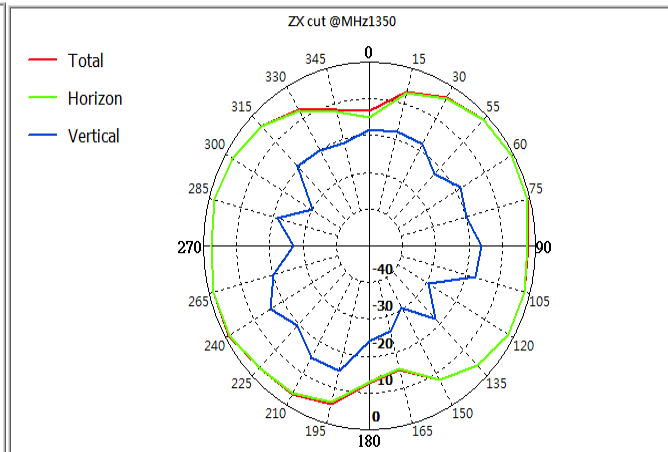
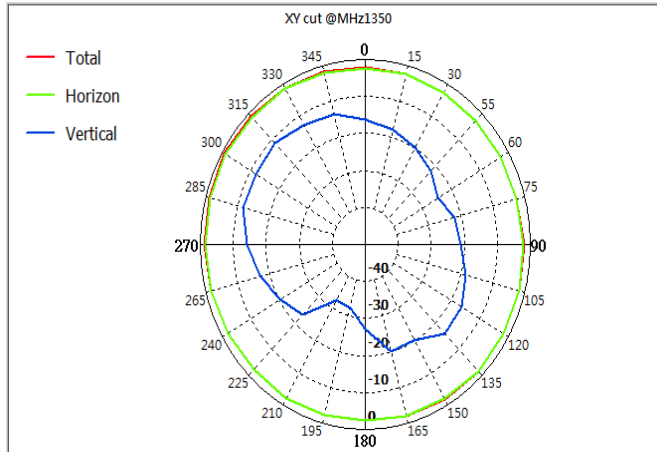


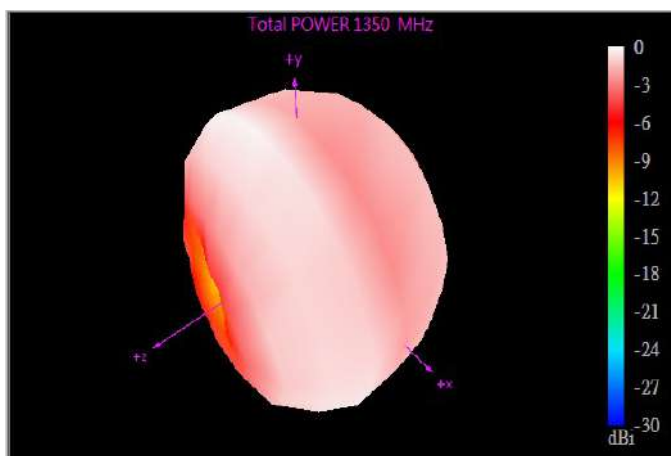
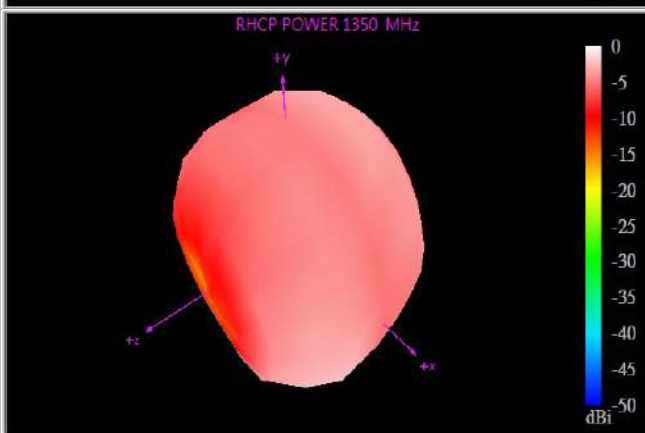
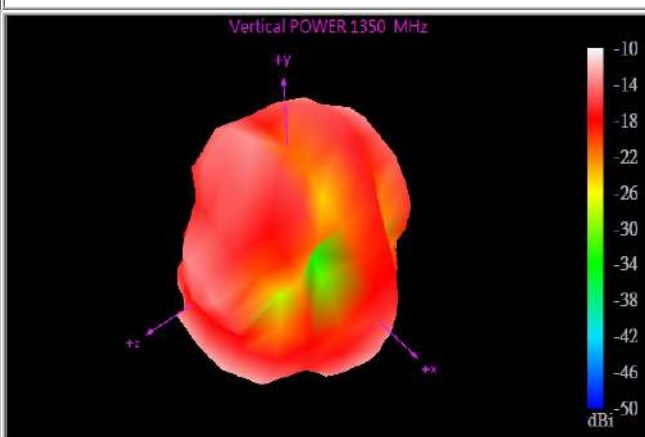
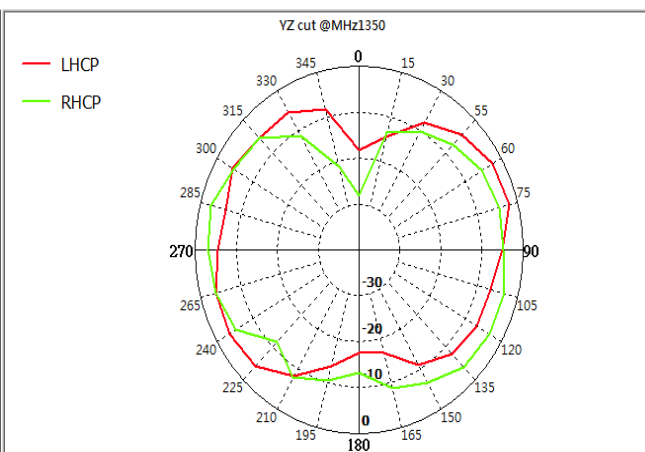
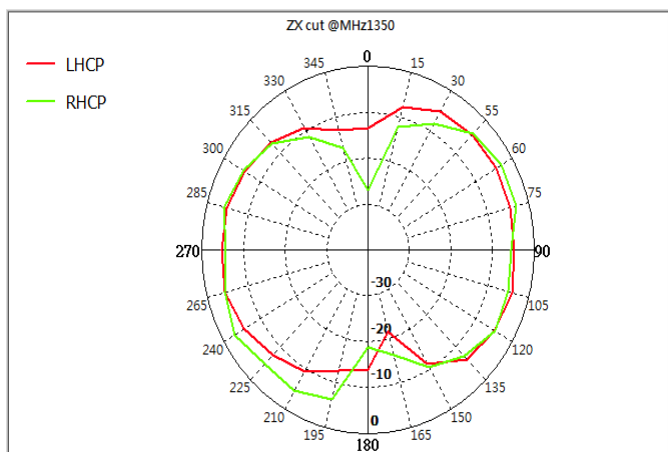


3D Total

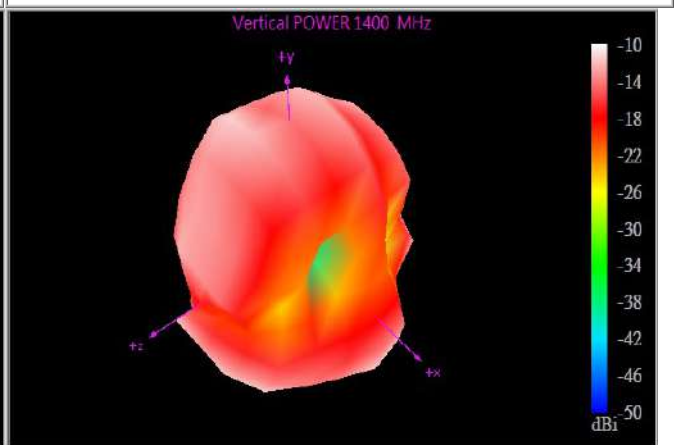
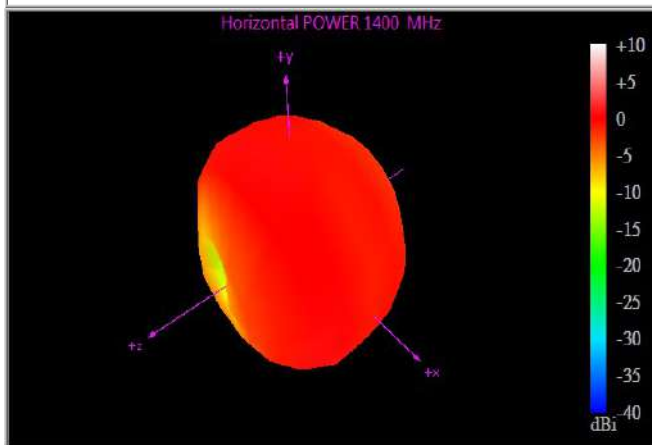
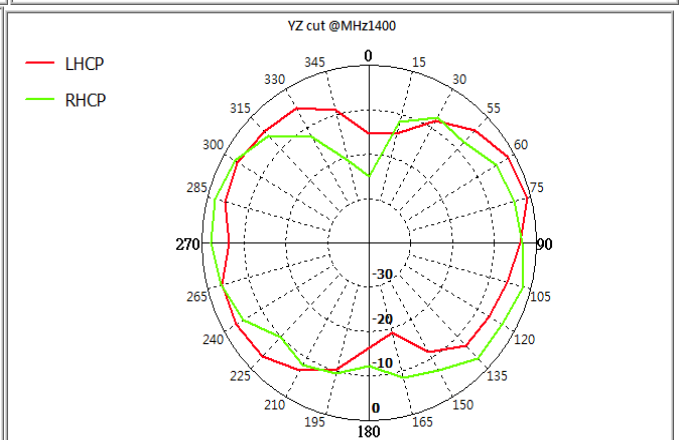
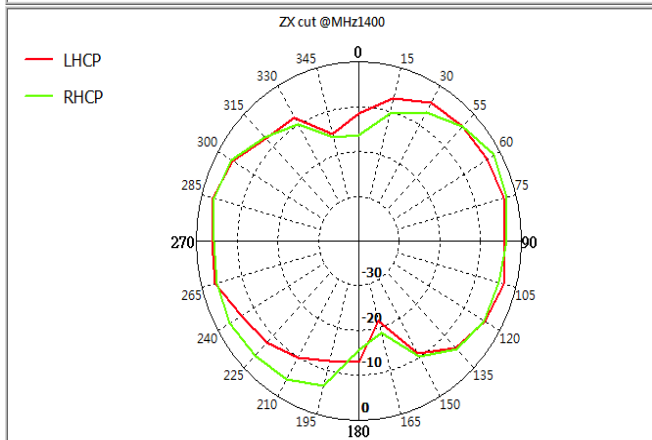
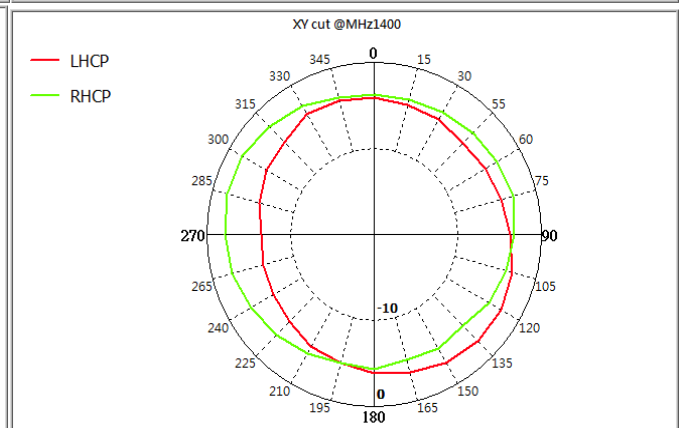
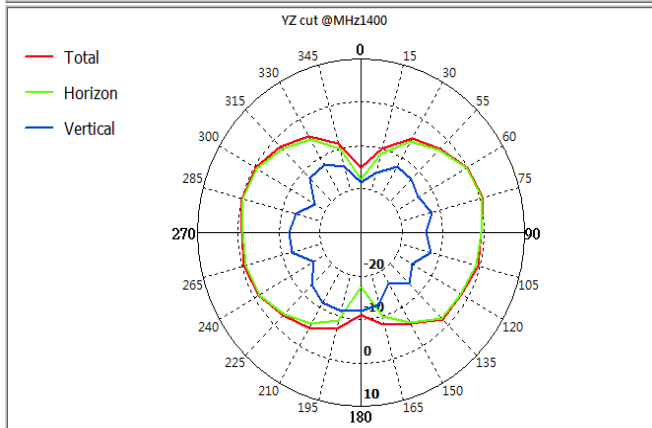
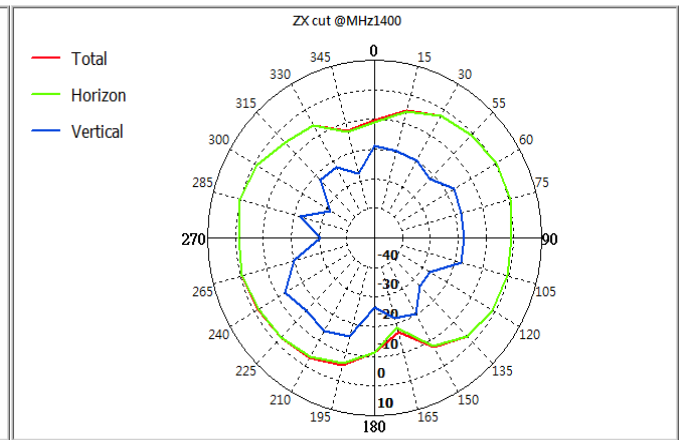
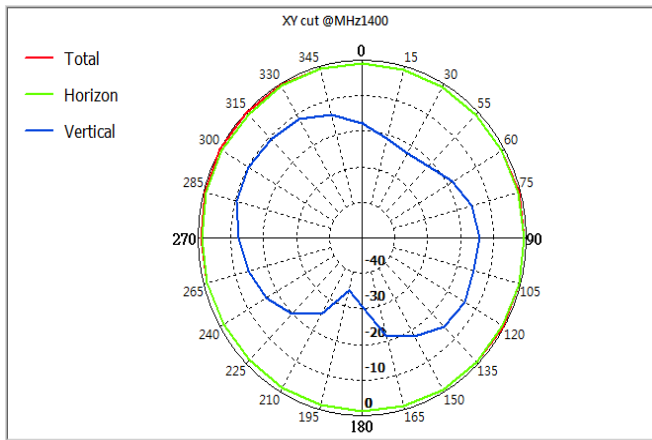
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1350 MHz	-5.49	-5.75	-2.61	54.88	-0.07	-2.61
1400 MHz	-4.49	-5.16	-1.80	66.03	1.05	-1.80
1450 MHz	-4.93	-4.99	-1.95	63.82	0.72	-1.95
1500 MHz	-5.27	-4.90	-2.07	62.10	0.50	-2.07
1600 MHz	-5.45	-4.48	-1.93	64.14	1.36	-1.93
1700 MHz	-5.83	-4.75	-2.25	59.56	1.32	-2.25
1800 MHz	-6.79	-4.46	-2.46	56.72	1.06	-2.46
1900 MHz	-7.10	-3.58	-1.99	63.28	1.98	-1.99
2000 MHz	-8.42	-2.95	-1.87	65.09	2.84	-1.87
2100 MHz	-9.16	-2.88	-1.96	63.67	3.73	-1.96
2200 MHz	-7.56	-3.49	-2.05	62.36	3.27	-2.05
2300 MHz	-5.97	-4.82	-2.35	58.24	1.61	-2.35
2400 MHz	-6.56	-4.69	-2.52	55.99	2.26	-2.52
2500 MHz	-5.69	-4.33	-1.95	63.88	3.67	-1.95
2600 MHz	-4.69	-4.72	-1.69	67.74	2.49	-1.69
2700 MHz	-5.08	-5.07	-2.07	62.15	1.65	-2.07
2800 MHz	-6.96	-6.41	-3.67	42.96	0.23	-3.67
2900 MHz	-4.56	-2.88	-0.63	86.45	3.63	-0.63
3000 MHz	-5.30	-2.17	-0.45	90.18	4.73	-0.45

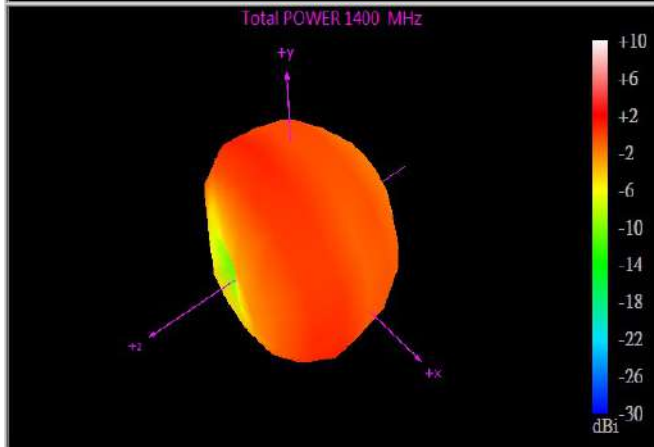
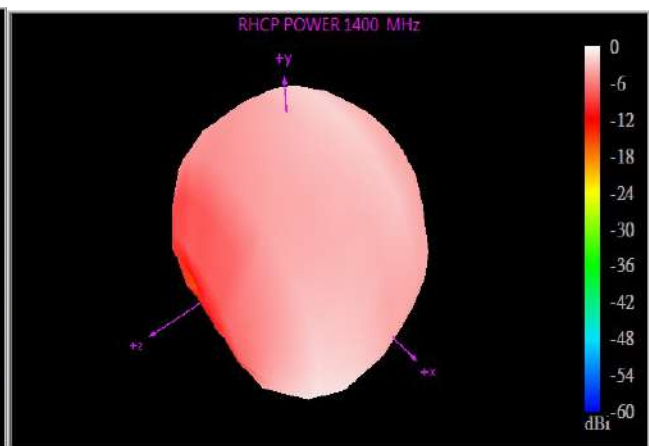
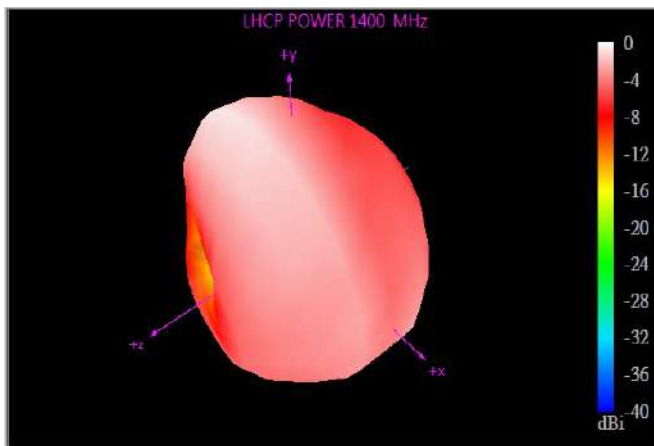
1350Mhz:



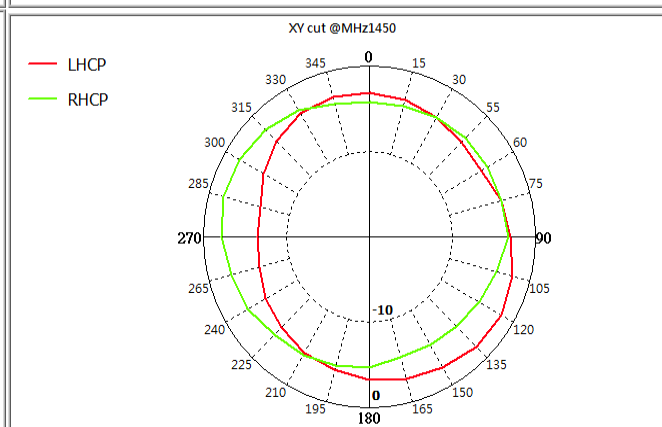
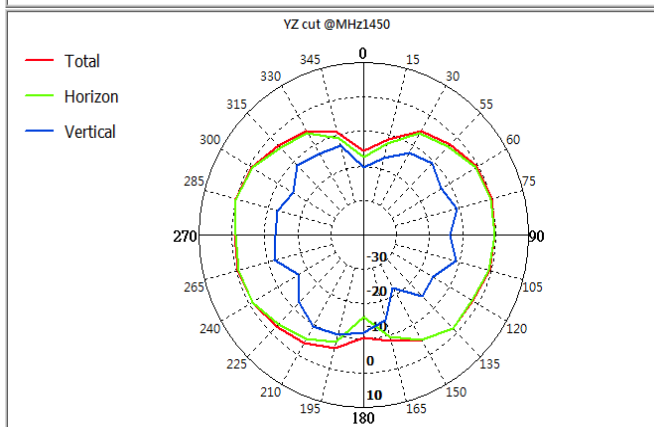
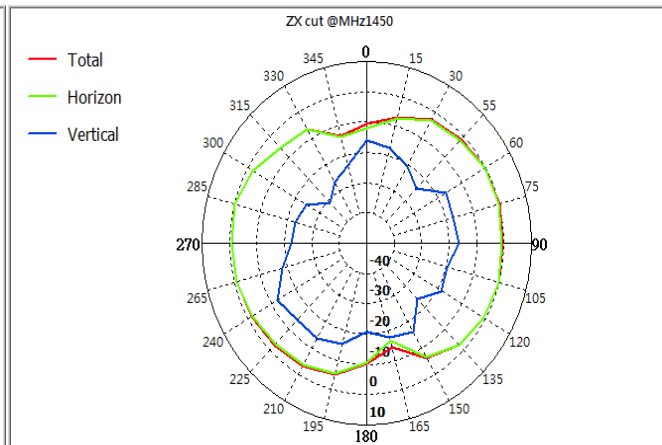
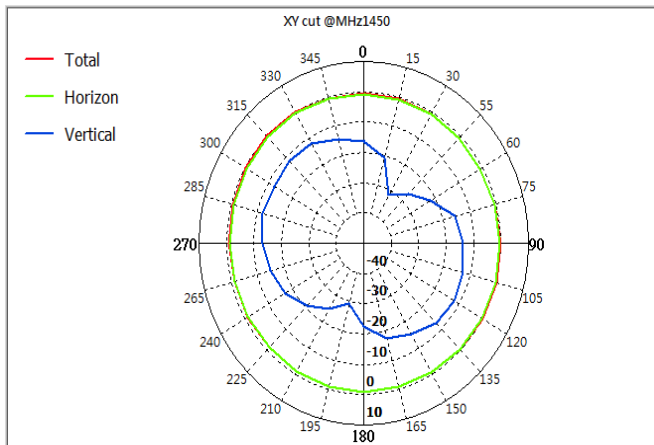


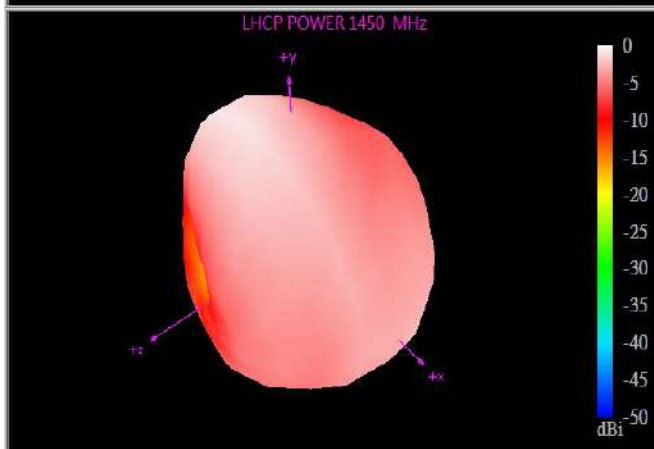
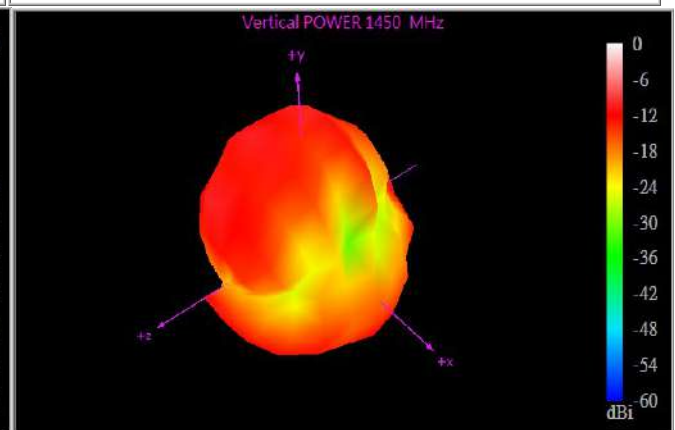
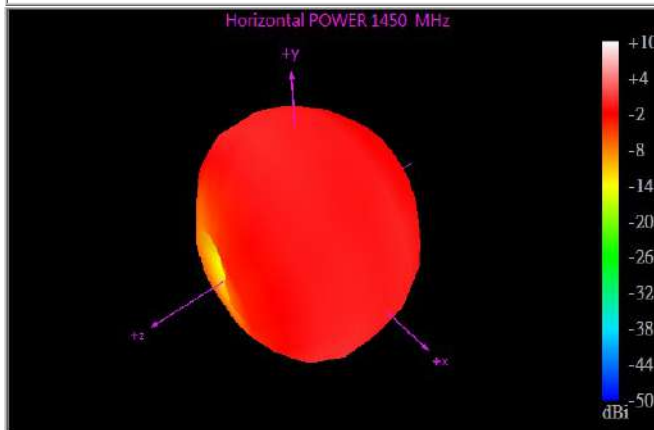
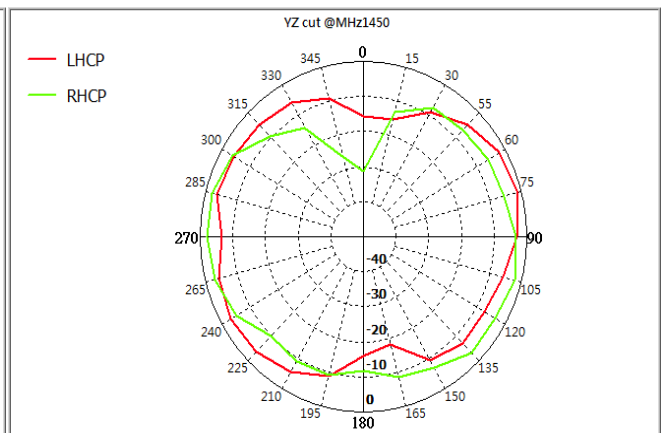
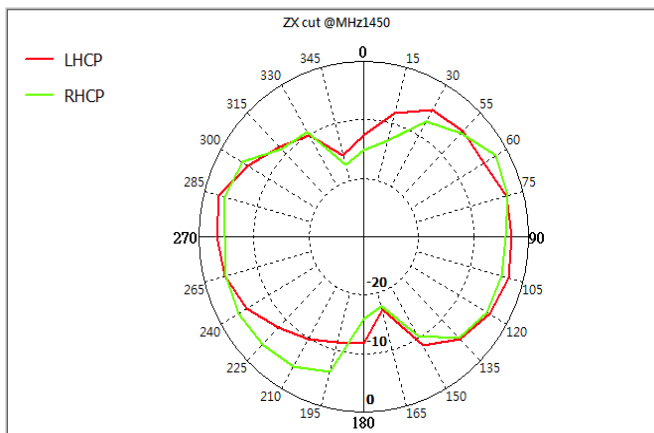
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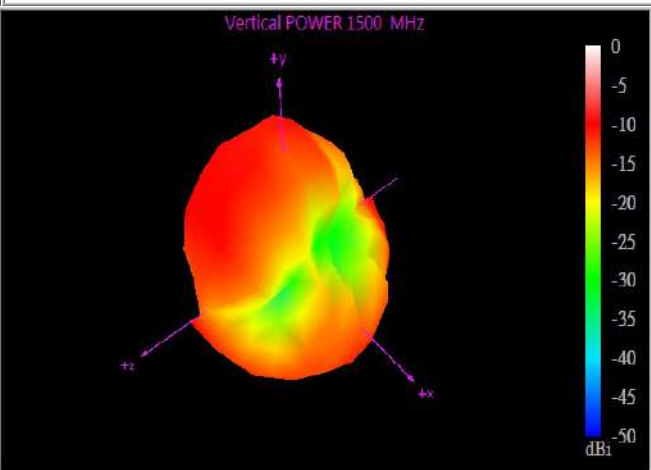
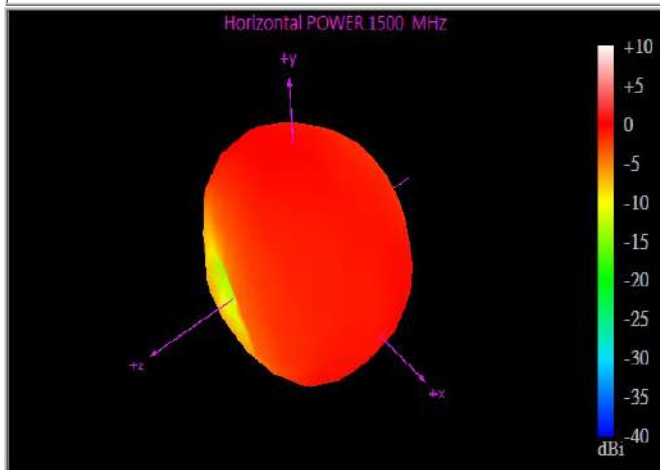
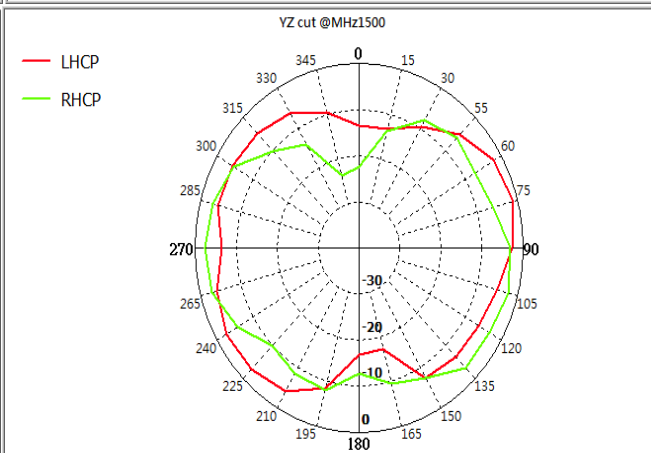
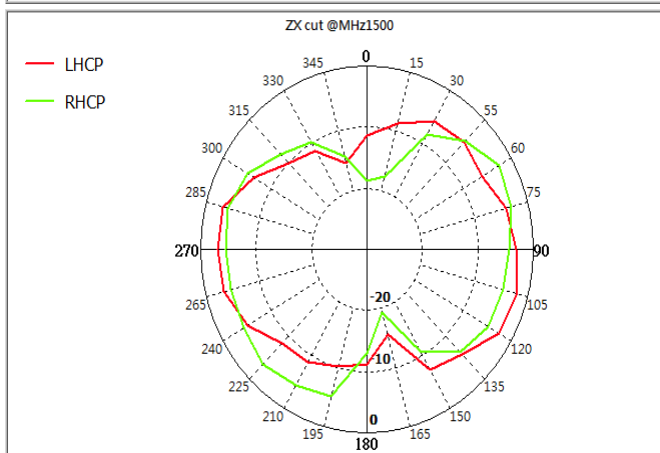
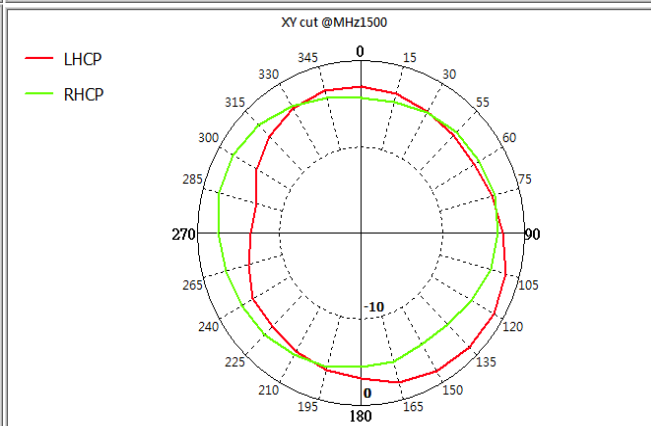
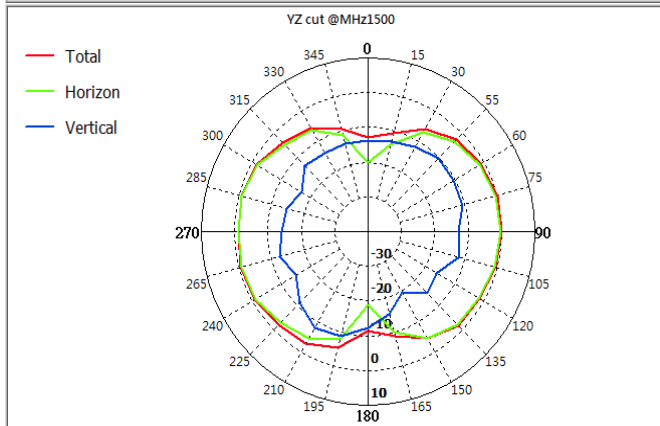
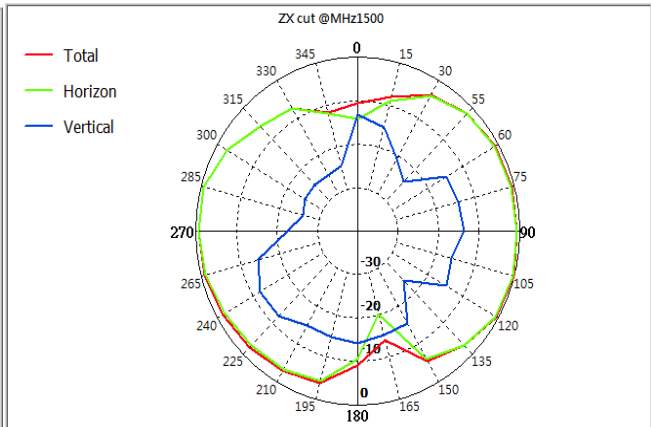
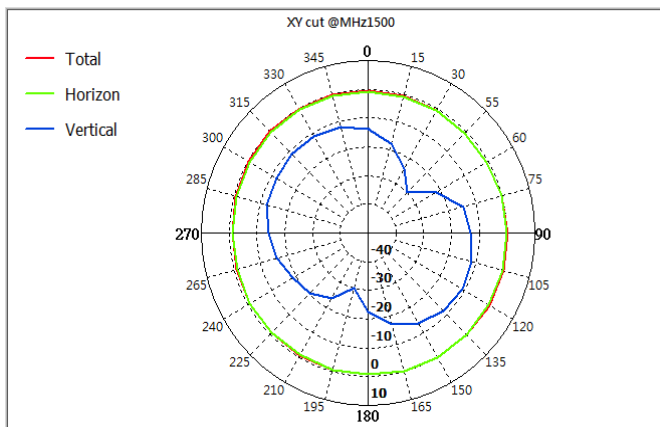


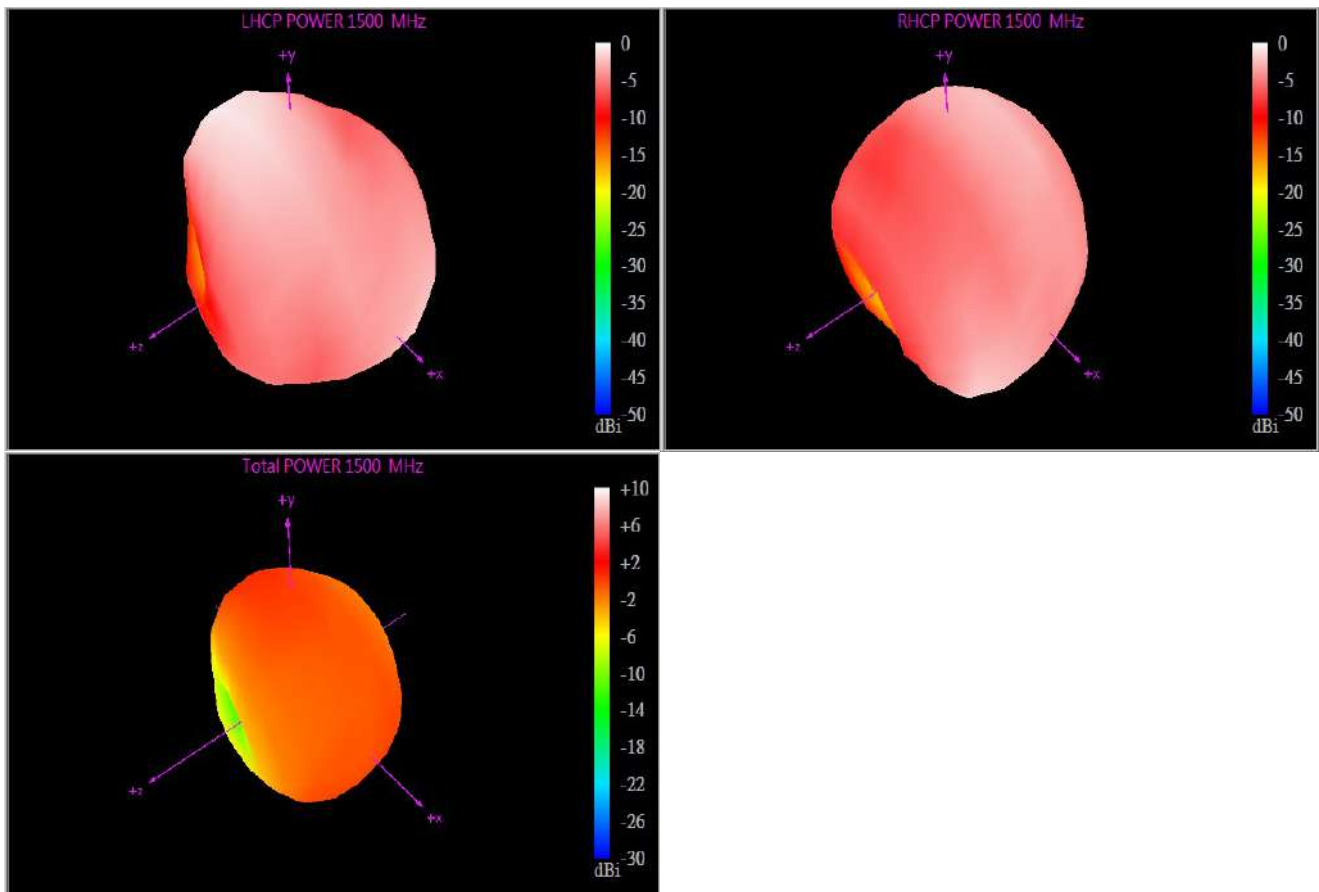
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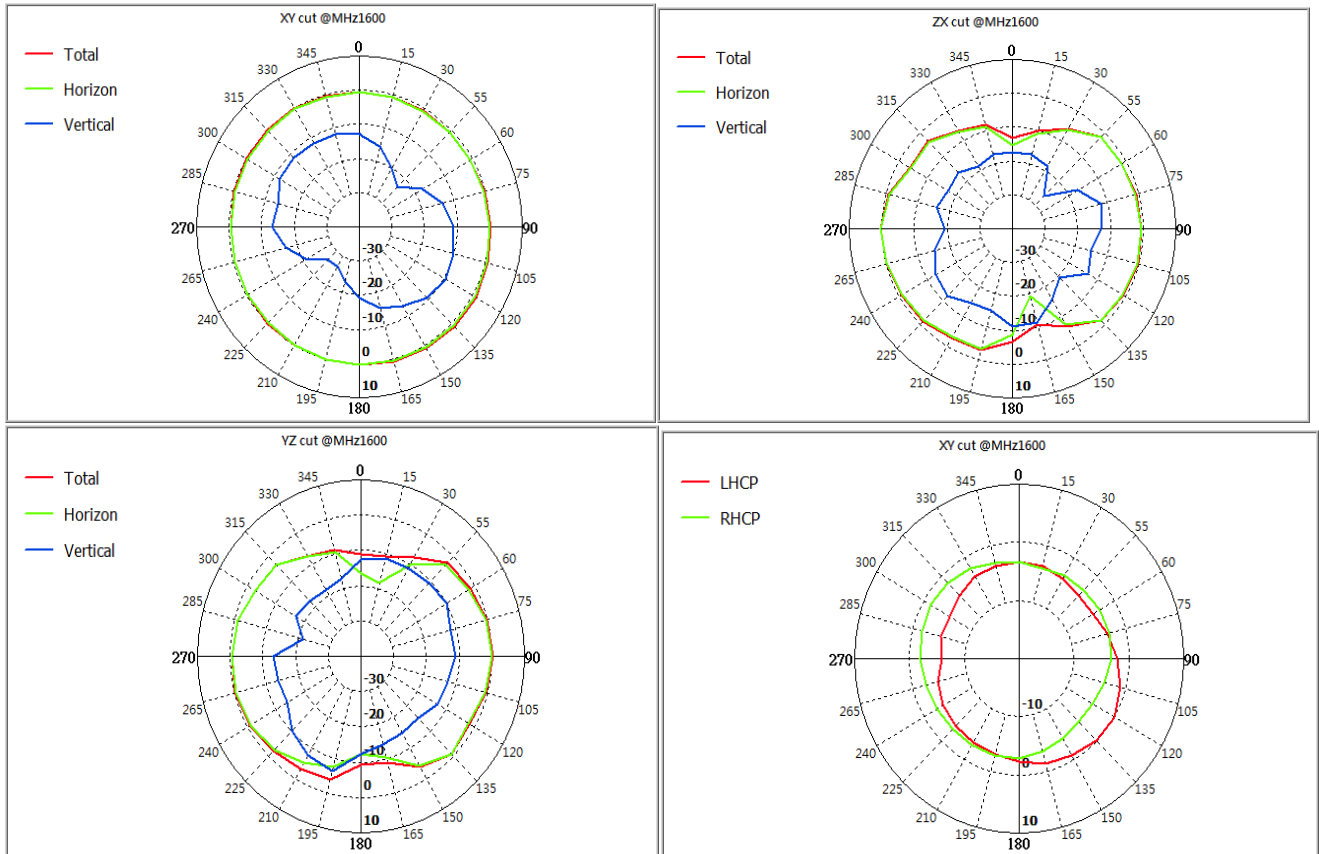


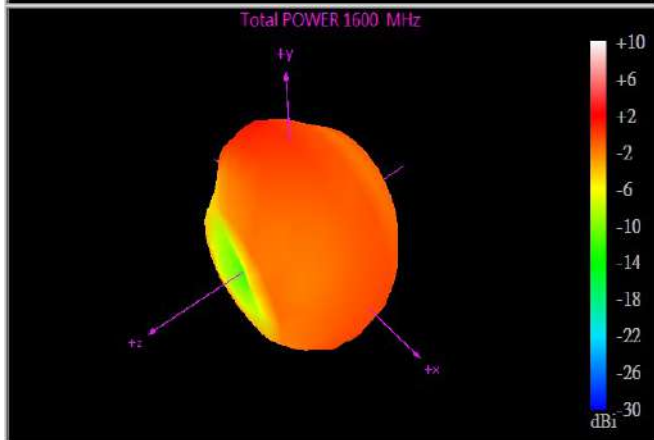
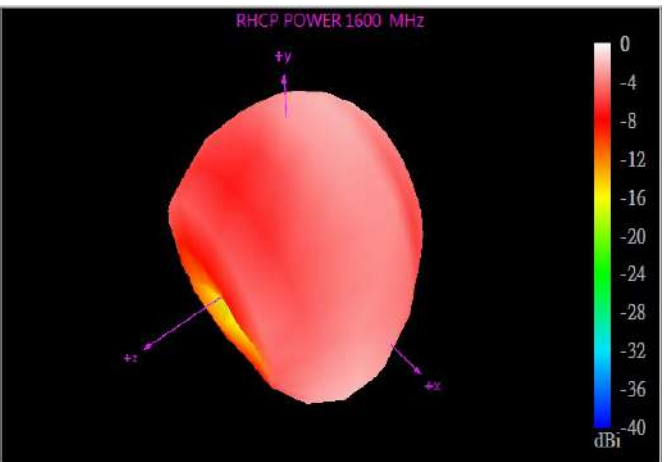
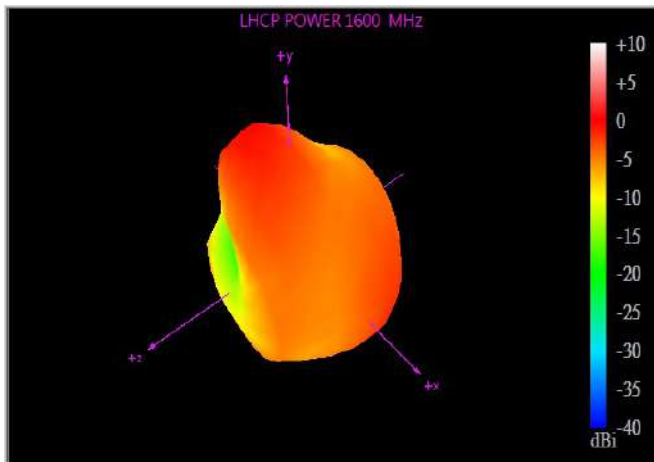
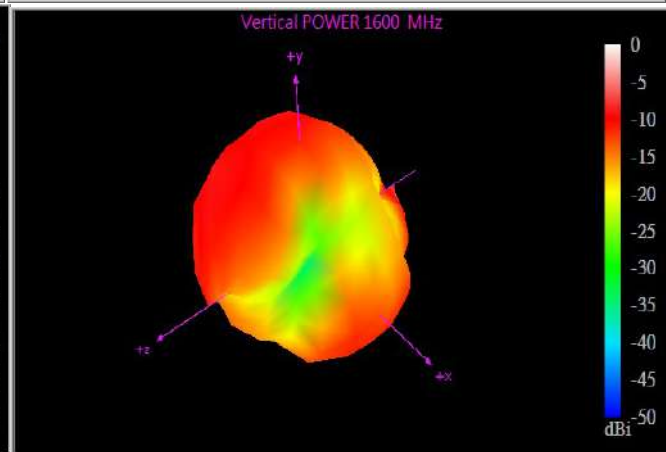
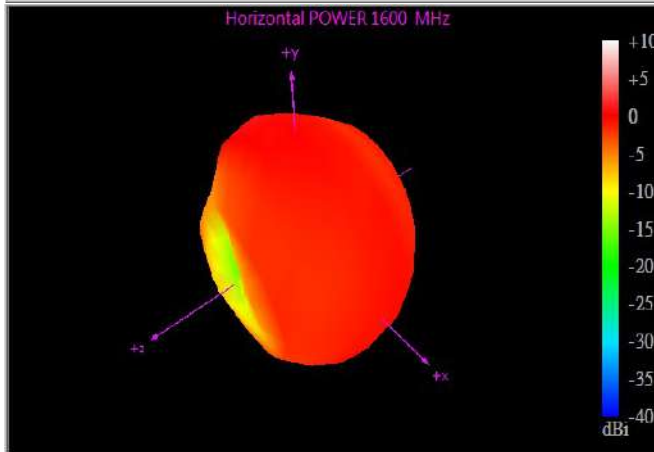
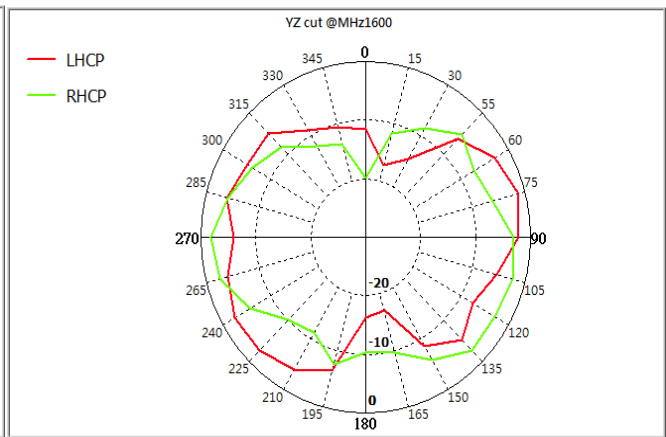
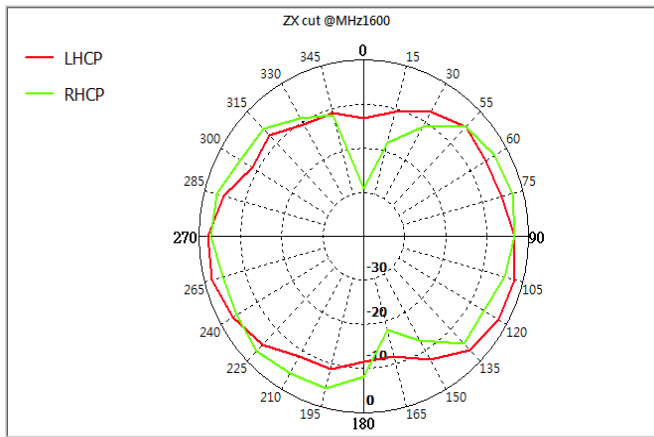
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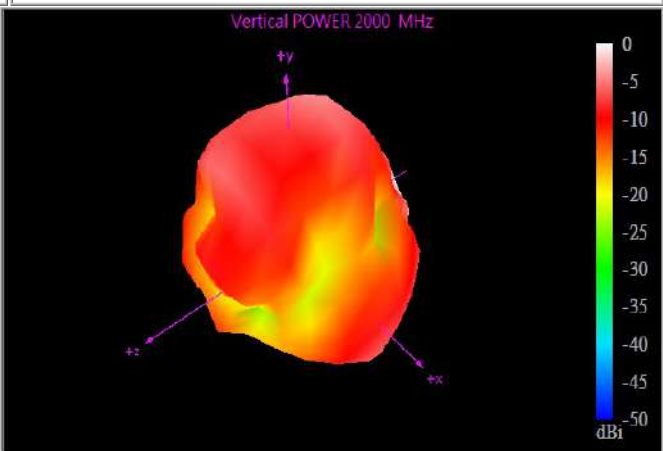
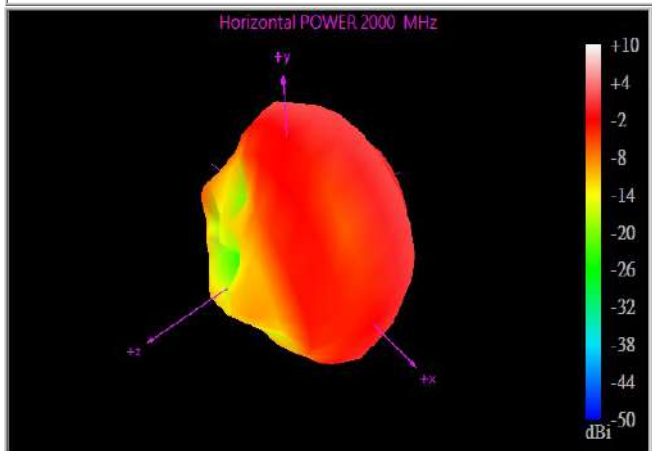
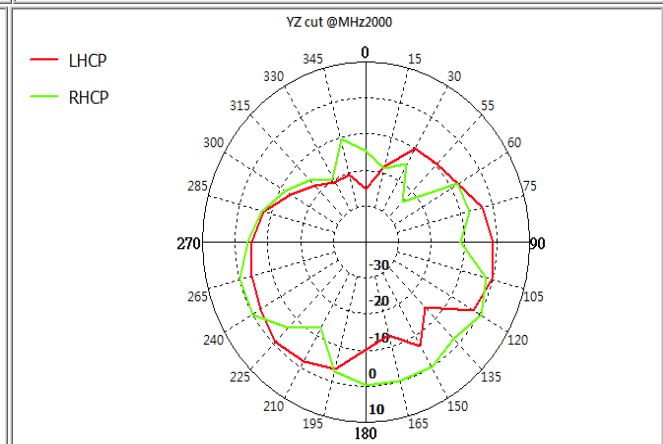
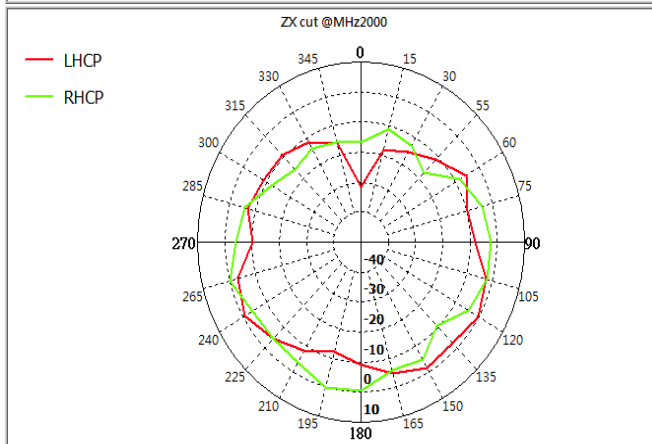
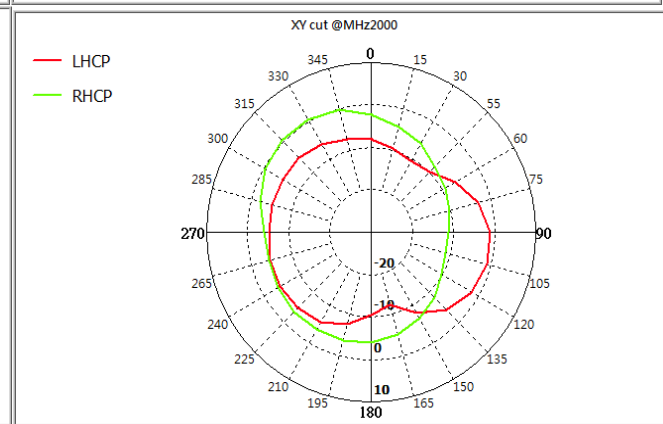
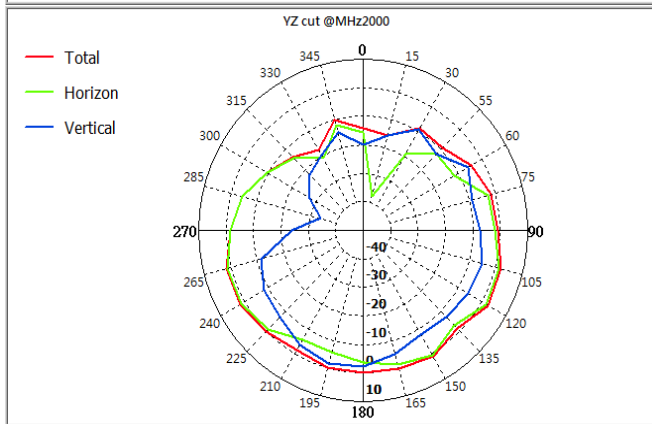
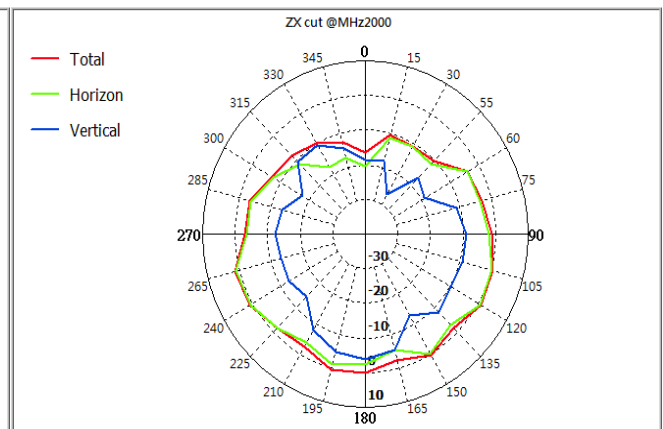
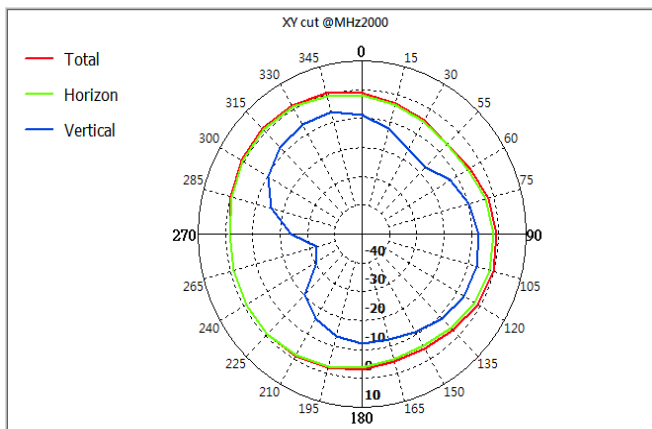


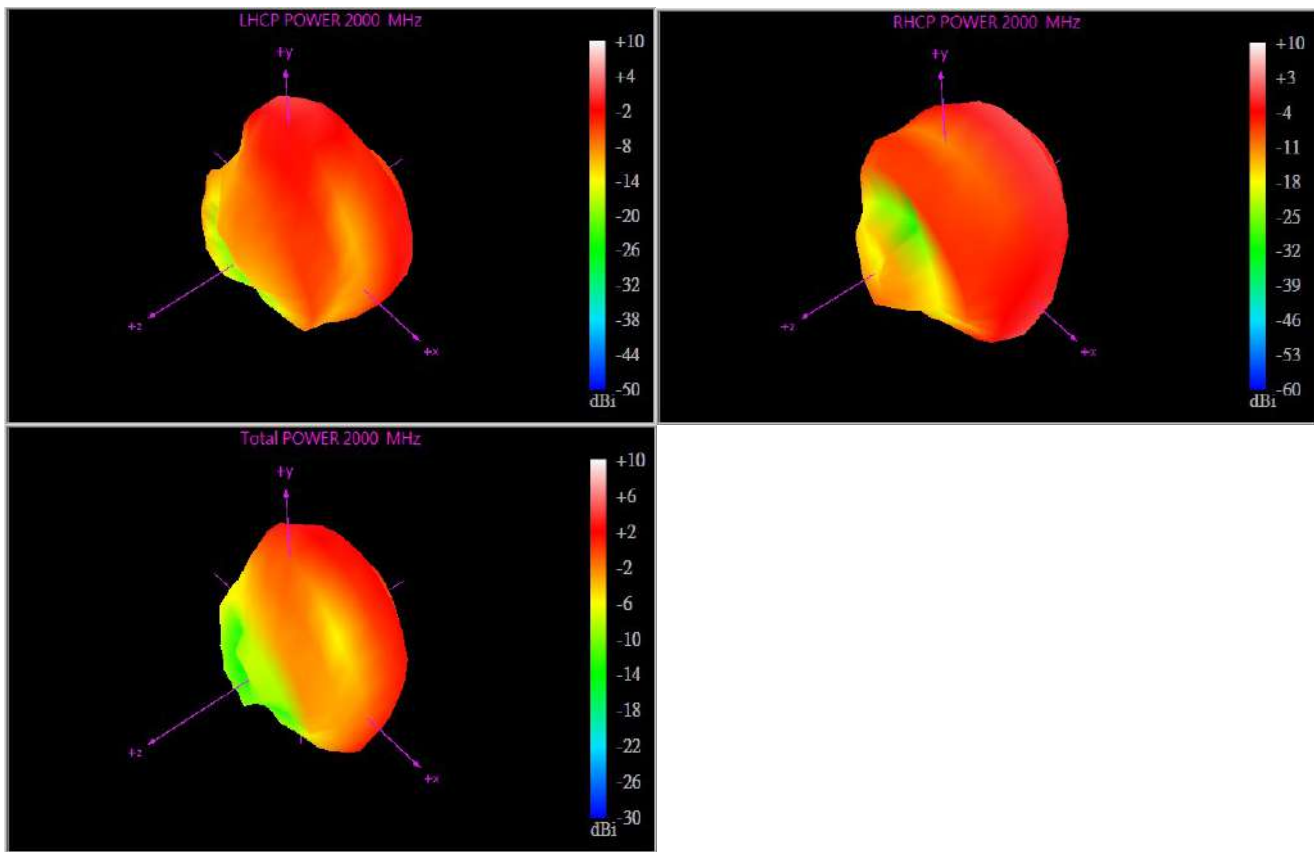
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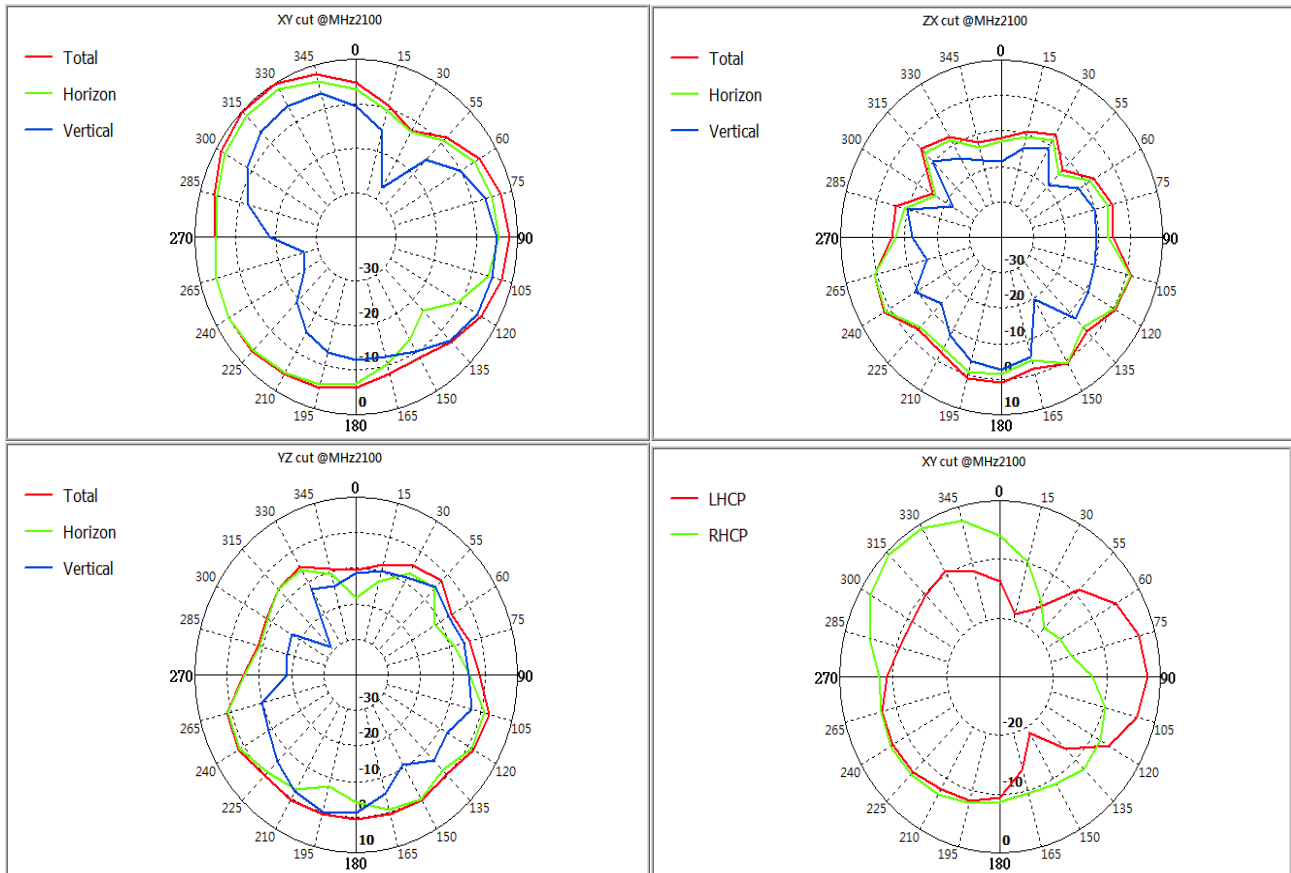


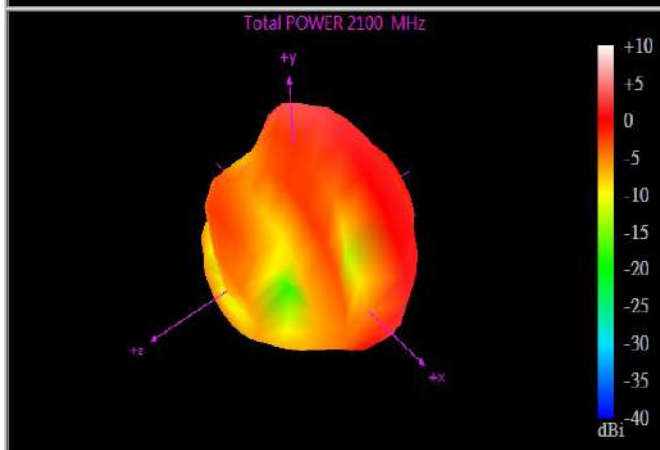
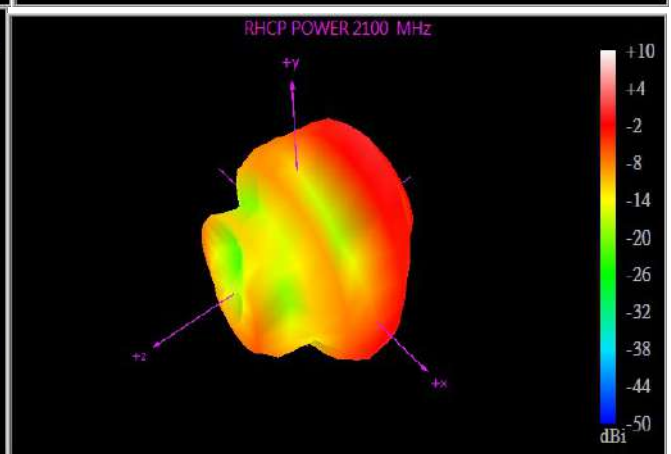
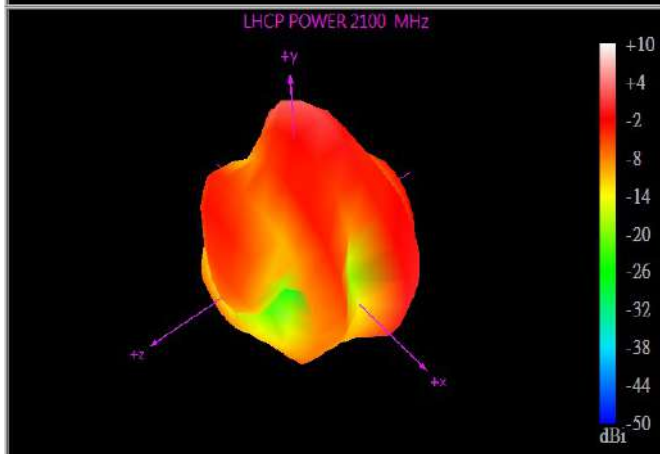
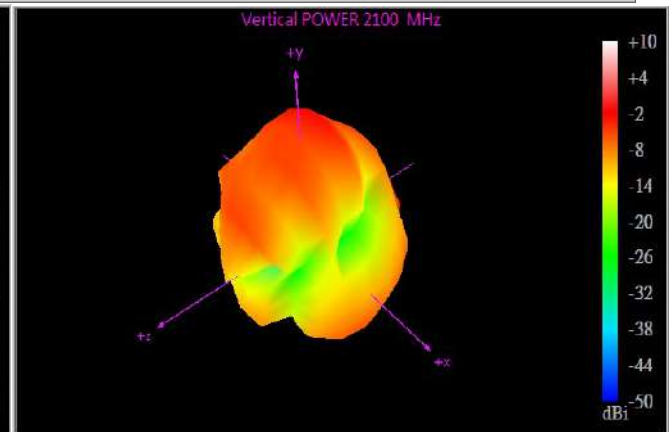
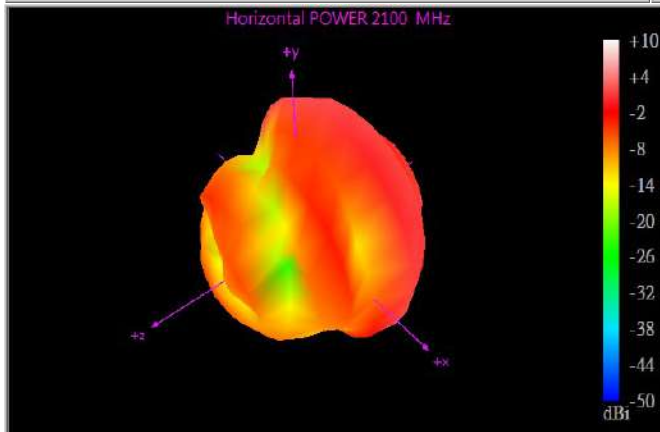
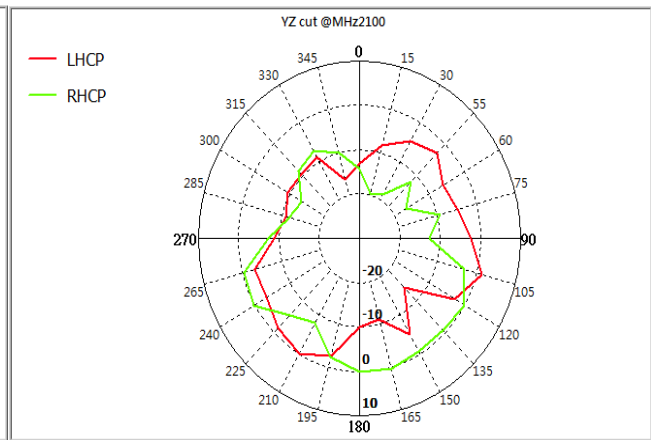
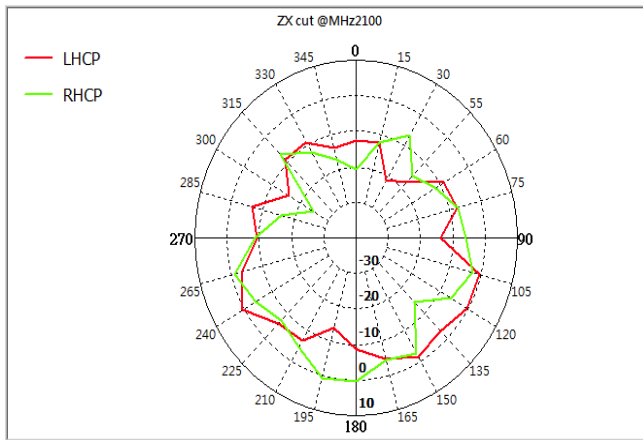
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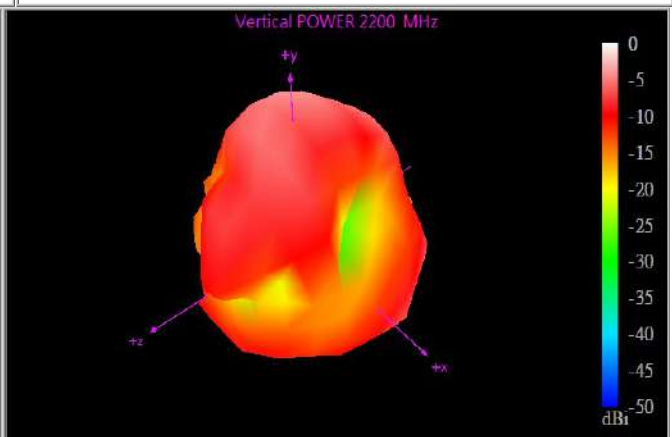
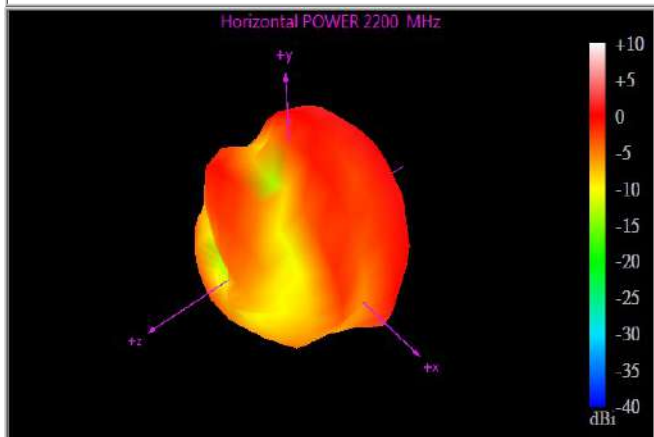
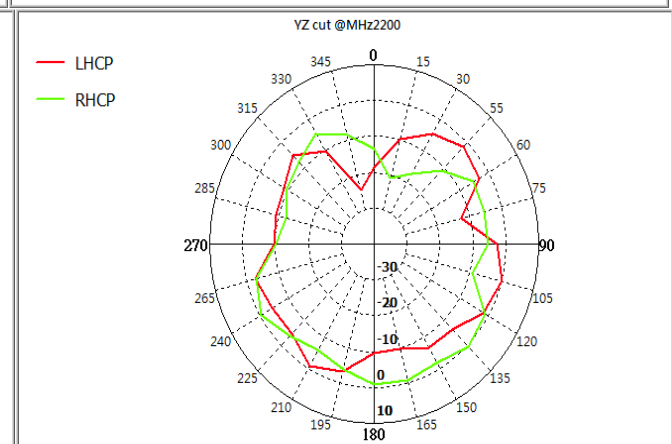
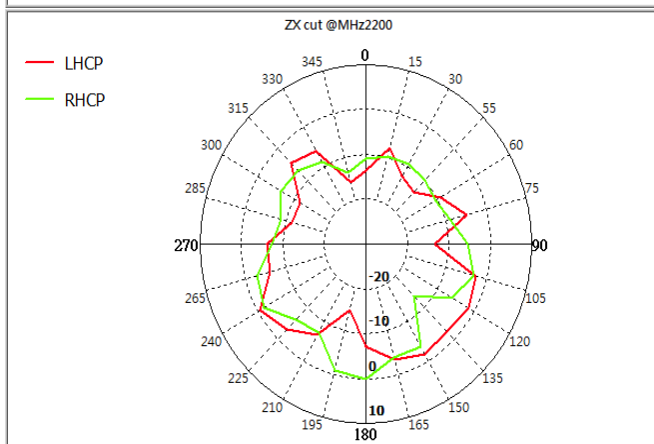
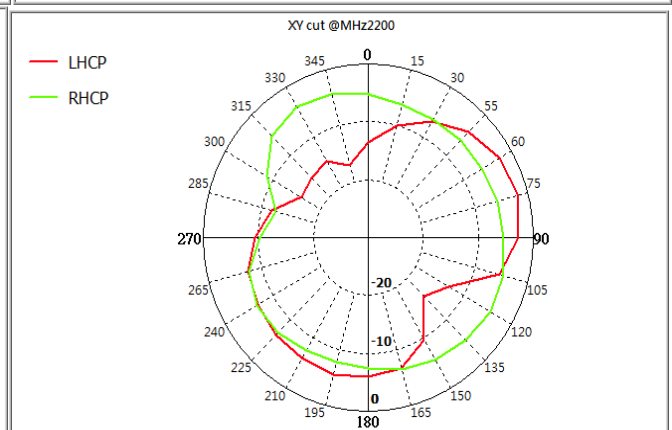
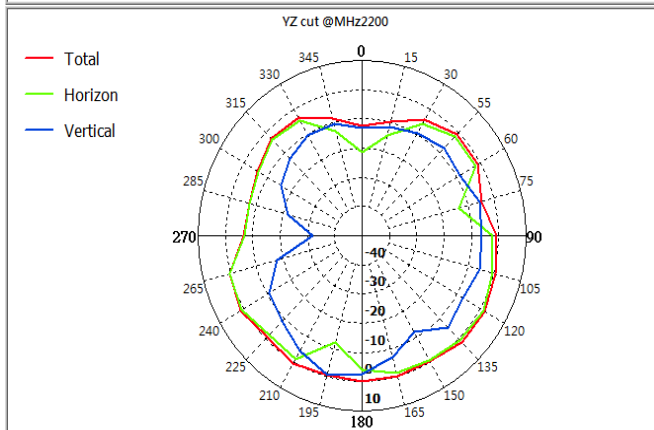
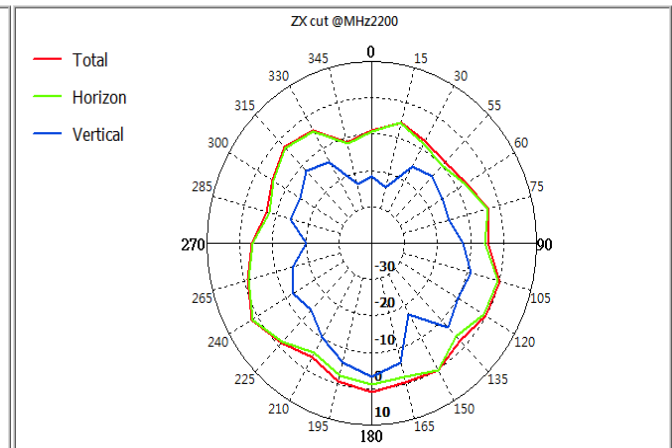
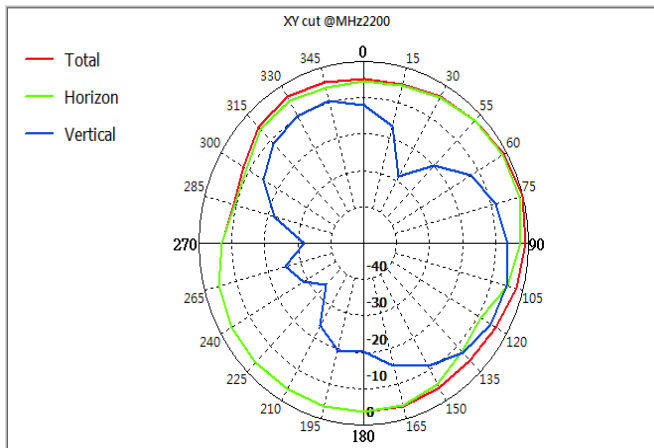


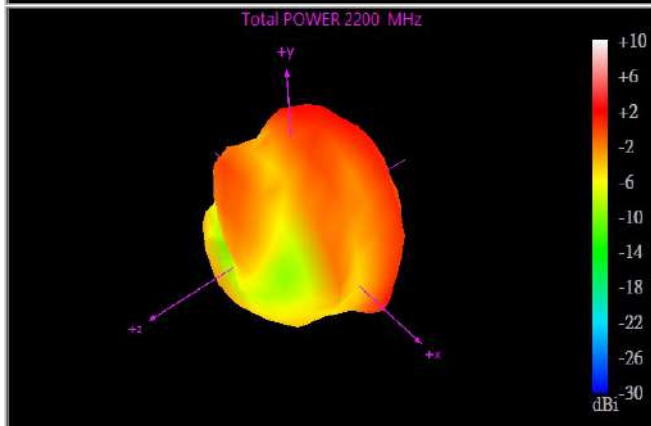
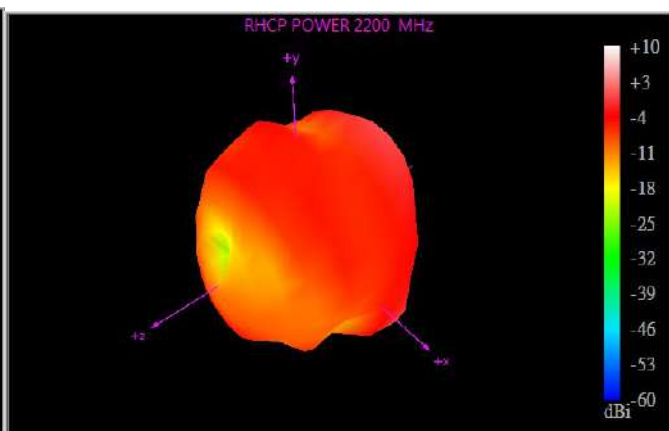
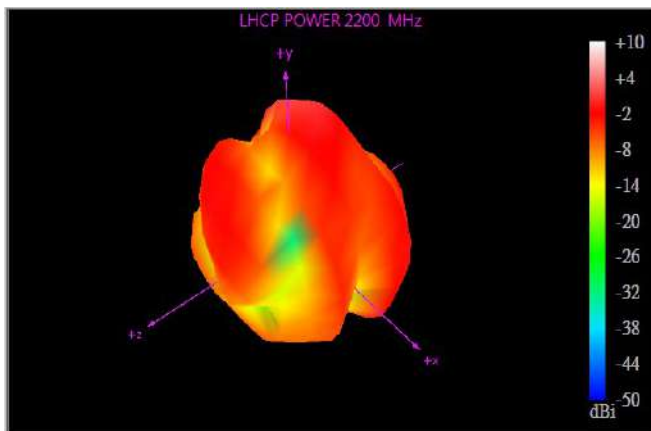
2100Mhz:



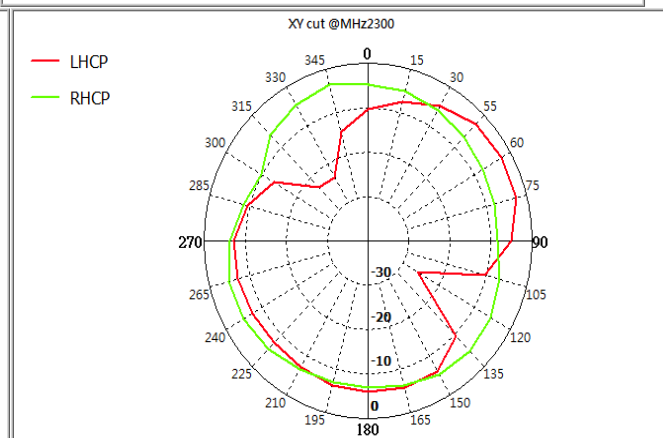
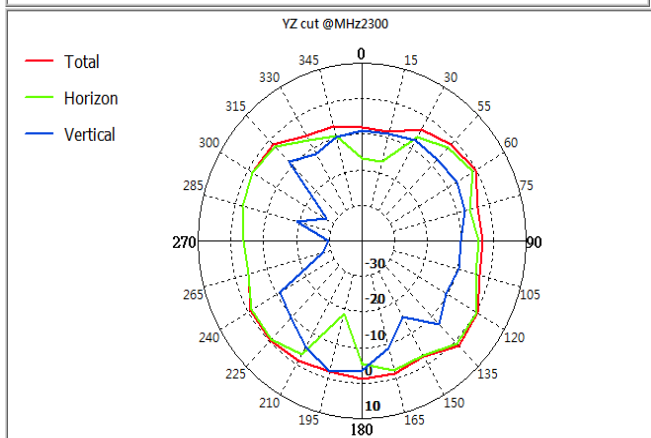
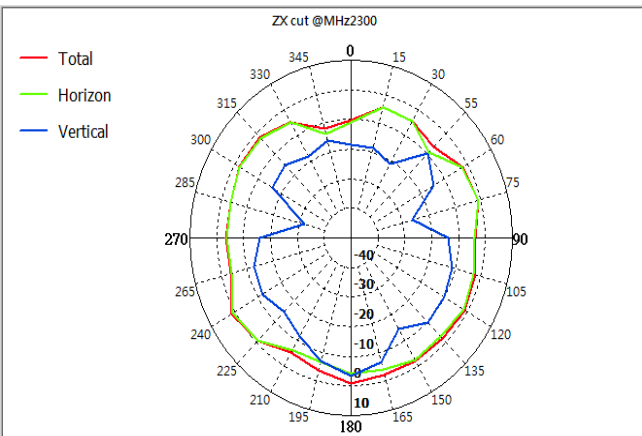
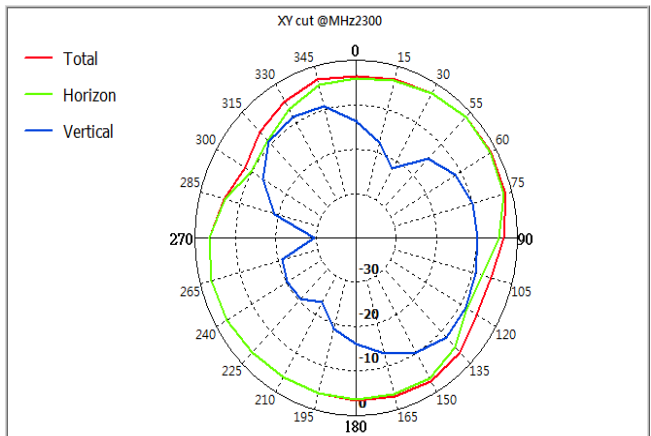


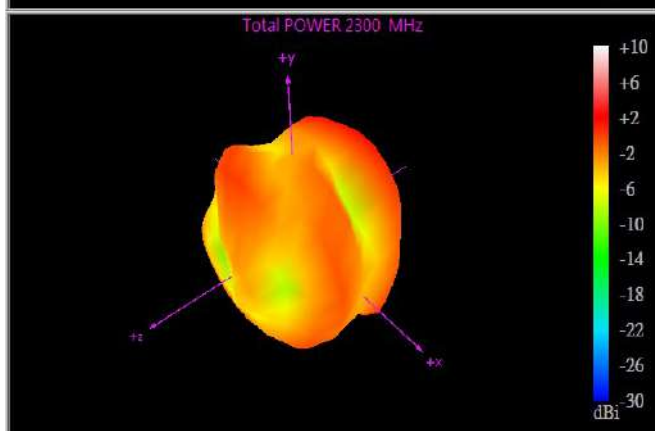
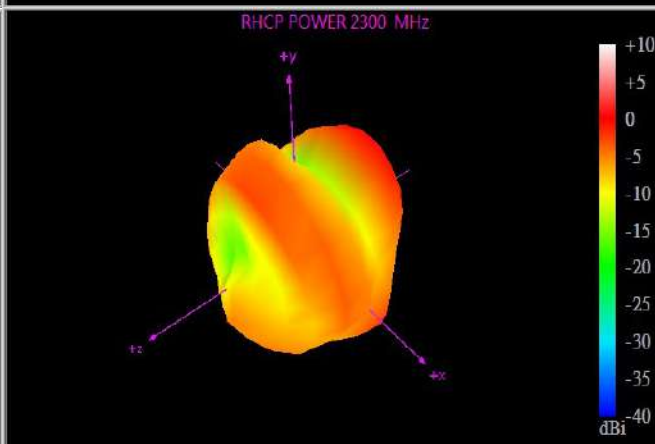
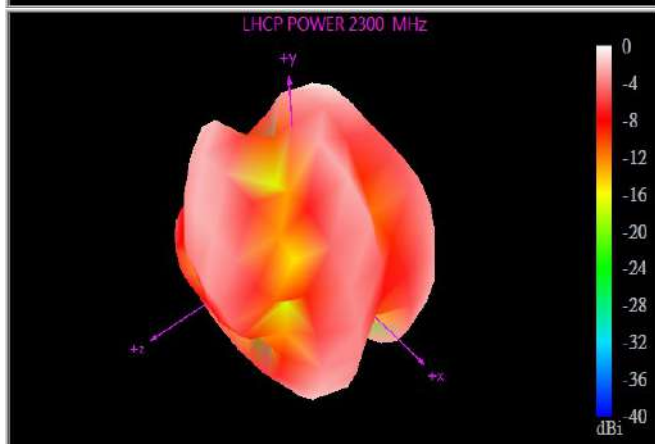
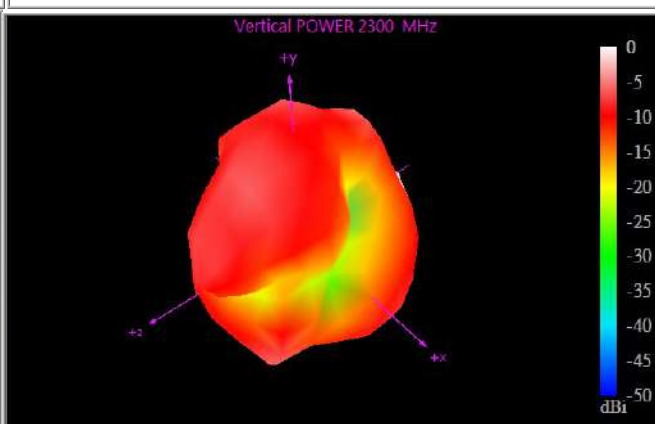
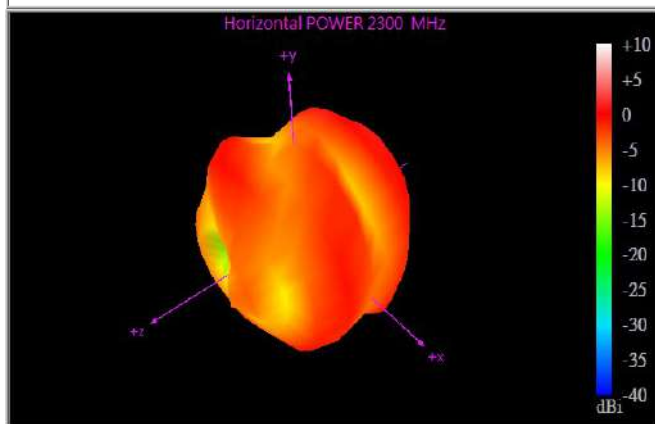
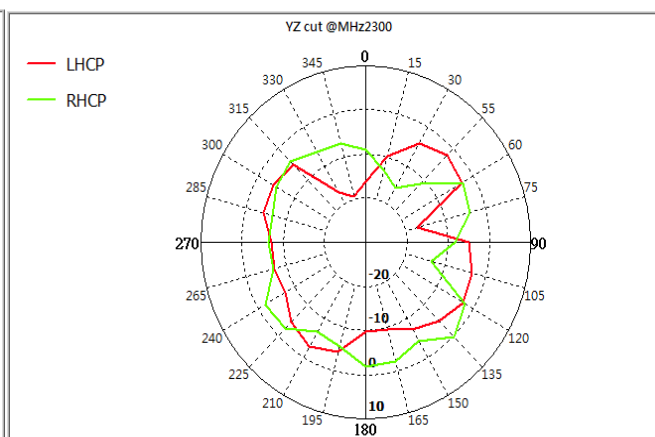
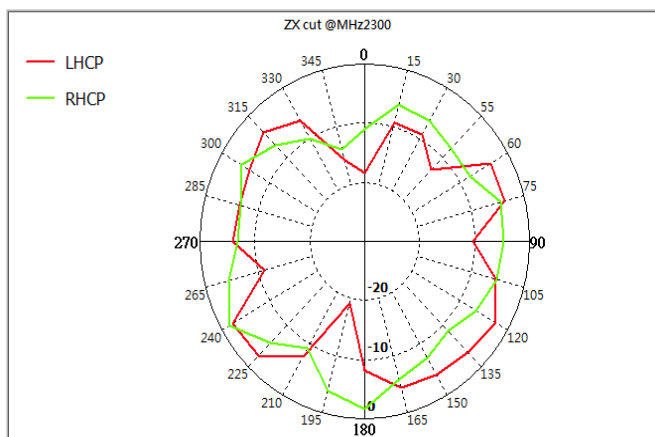
2200Mhz:



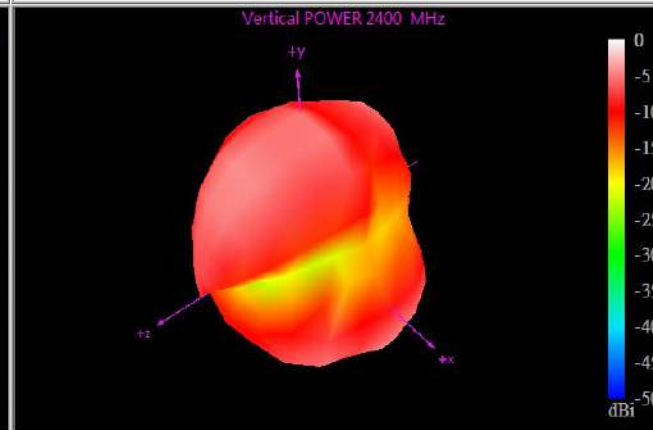
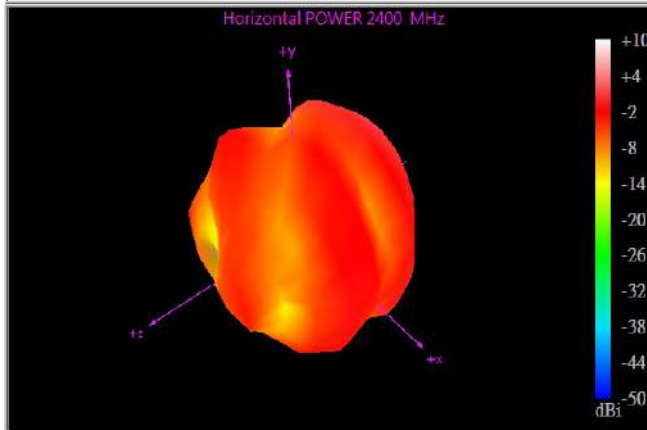
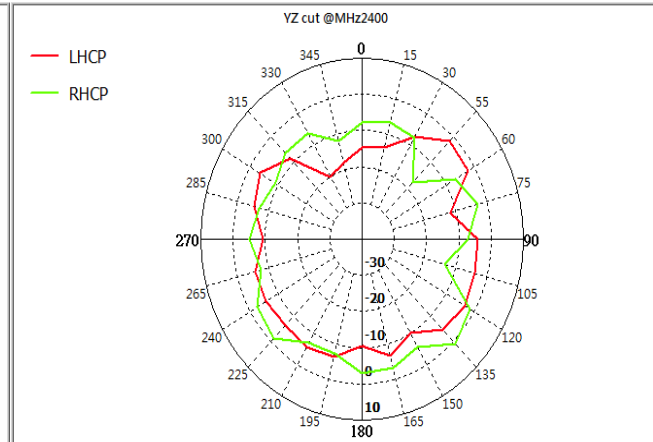
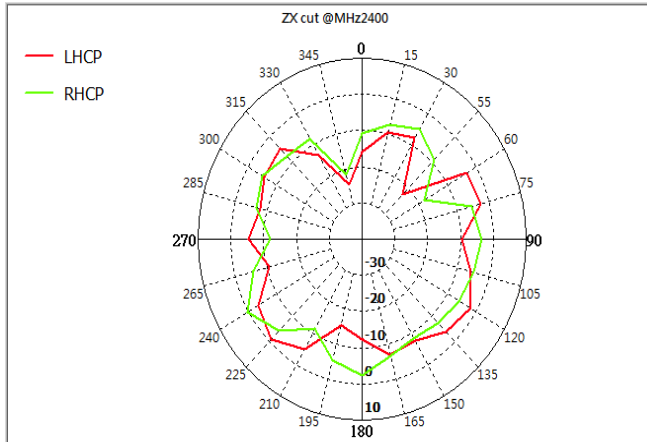
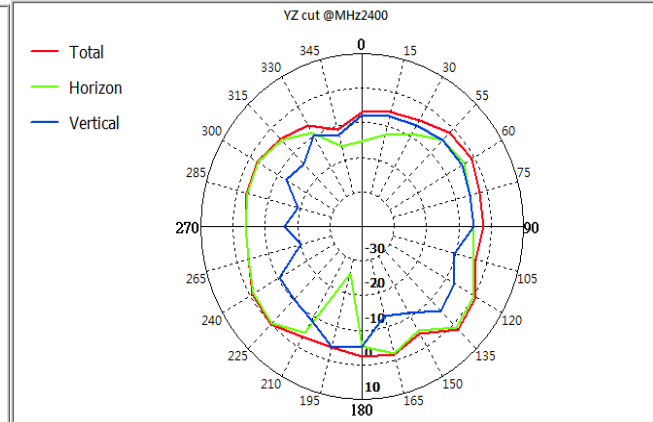
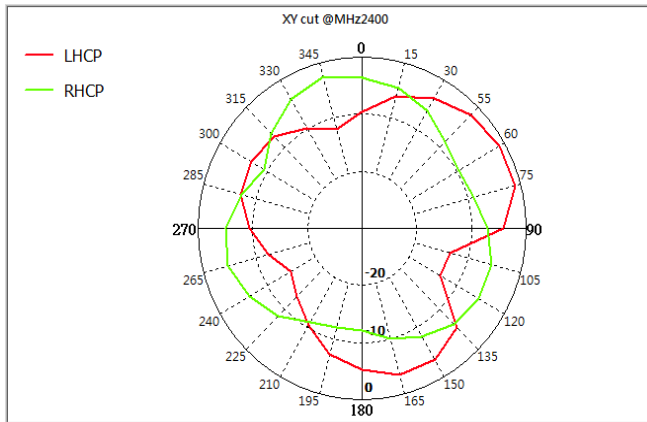
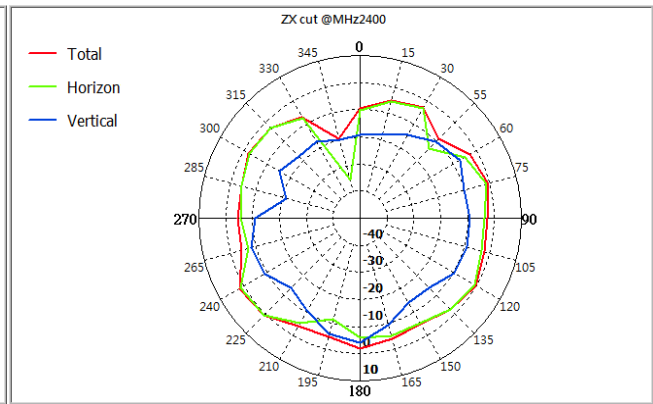
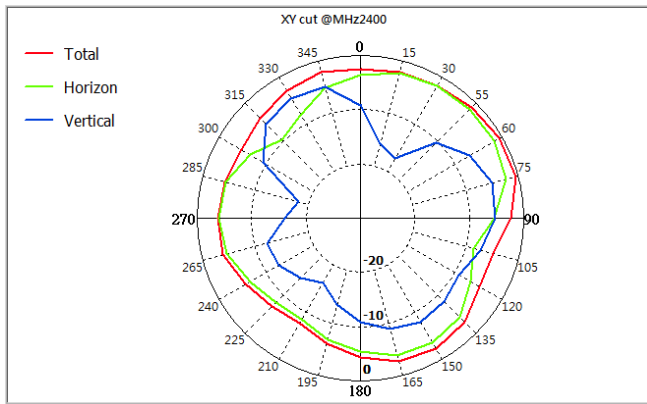


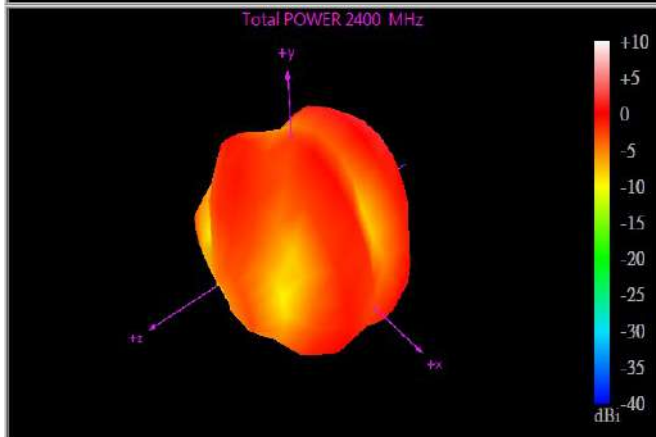
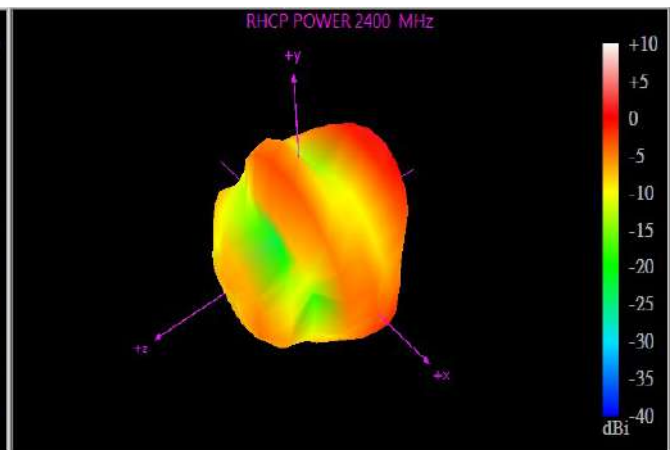
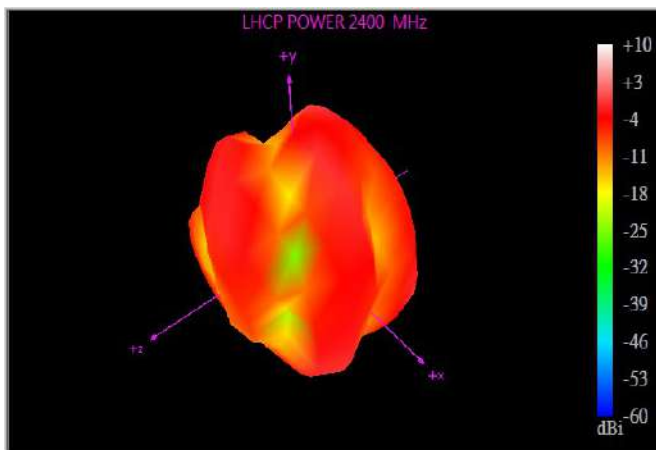
2300MHz:



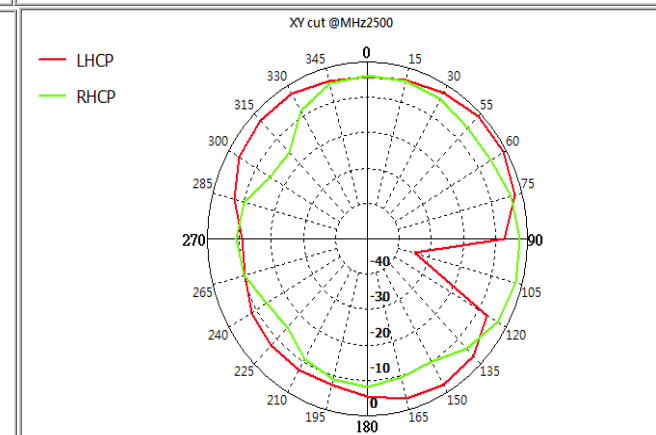
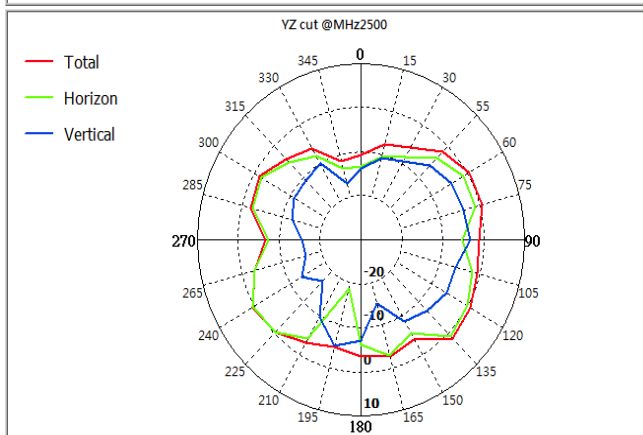
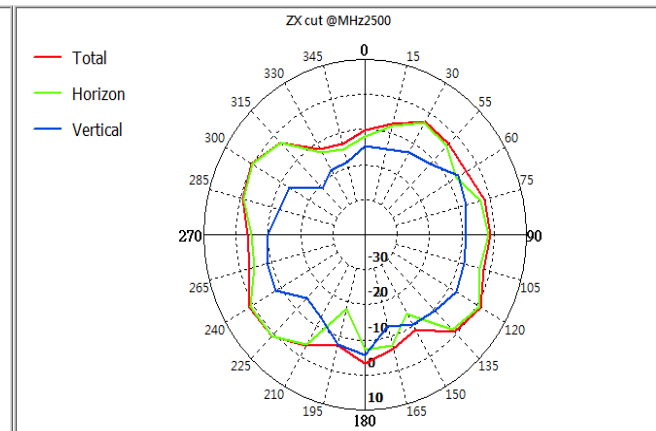
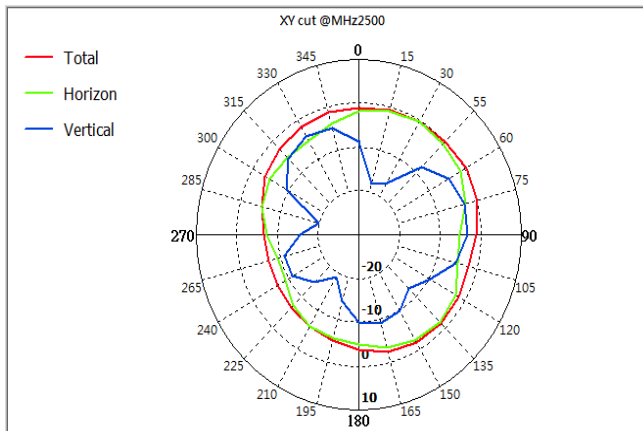


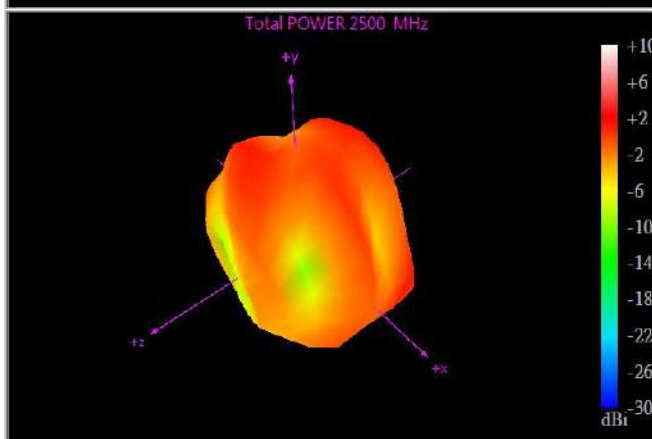
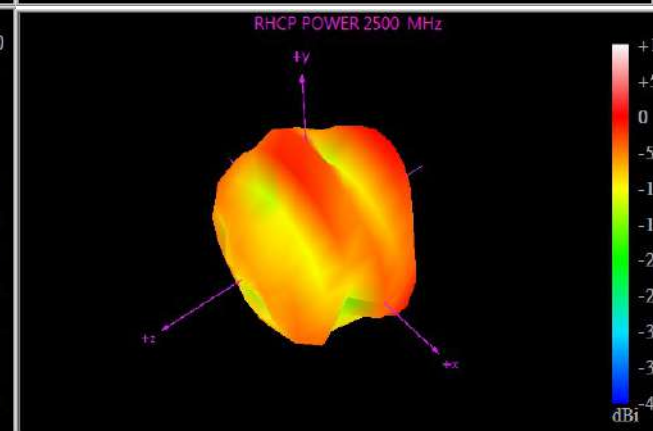
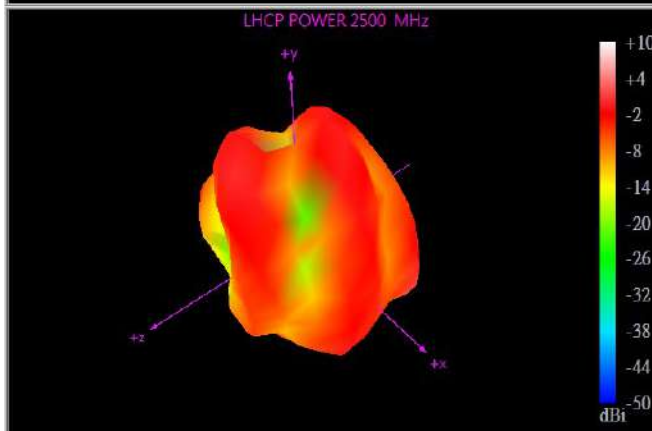
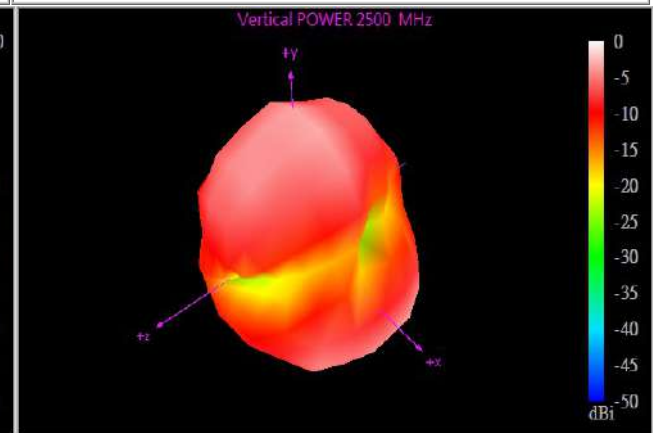
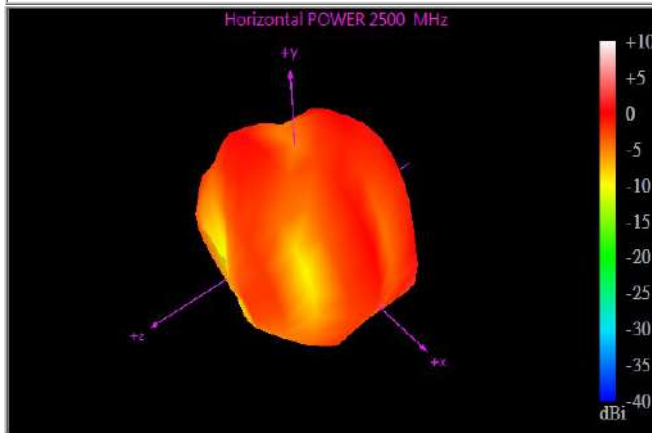
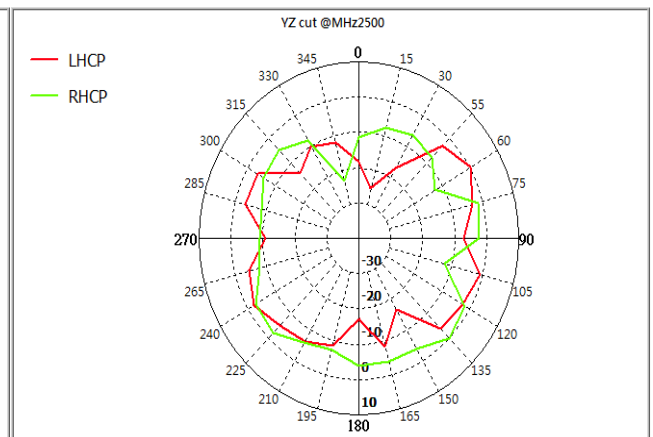
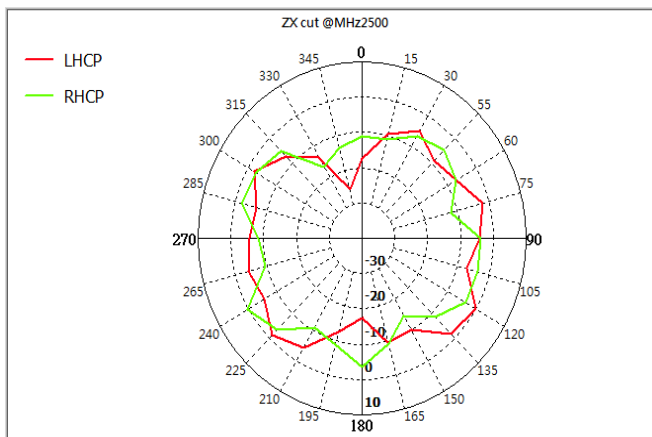
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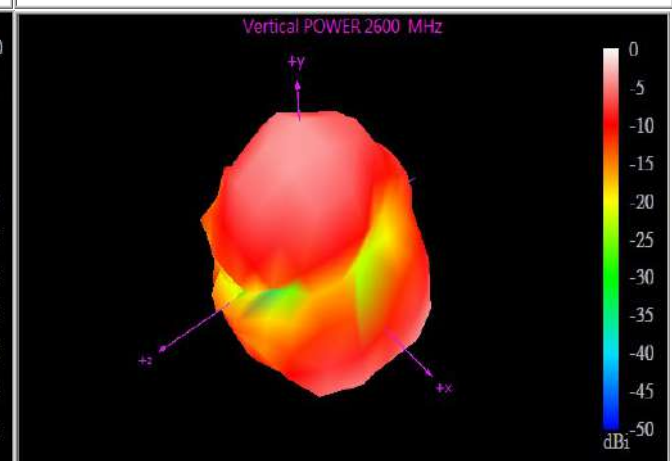
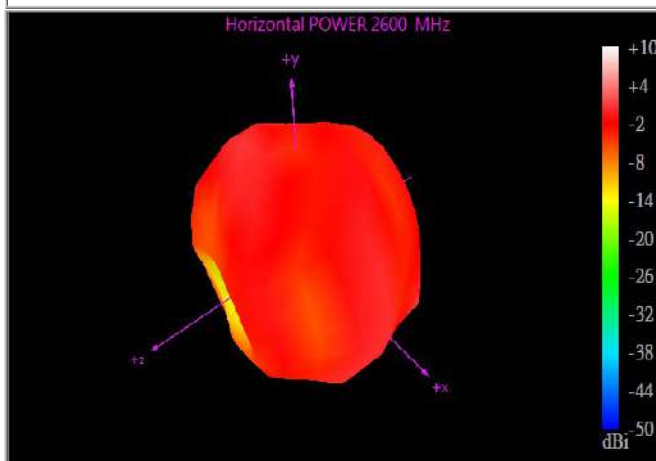
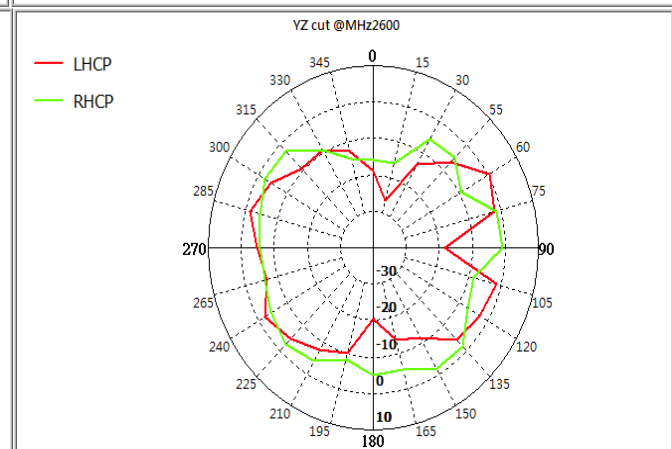
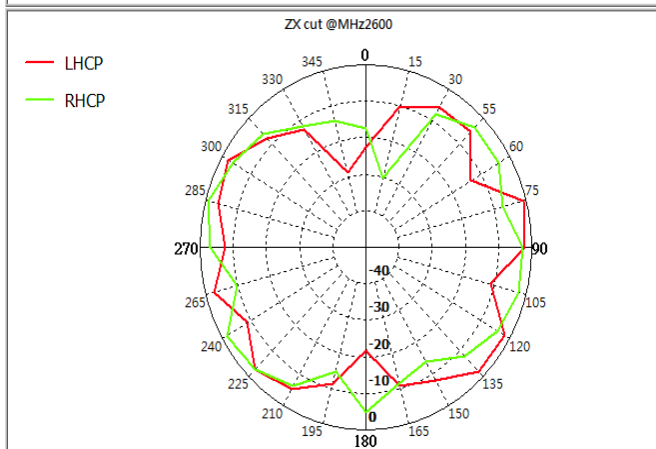
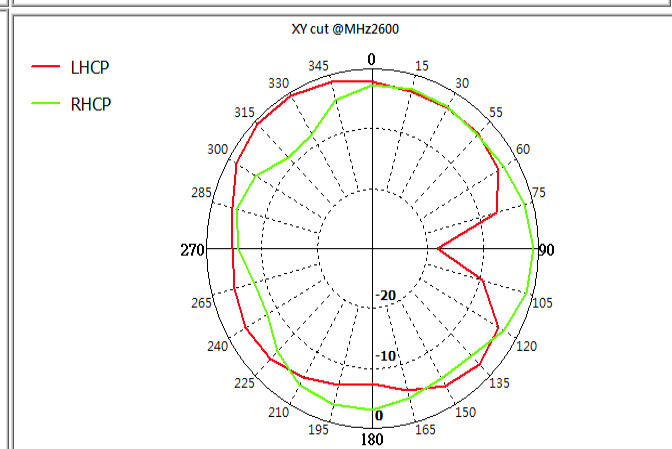
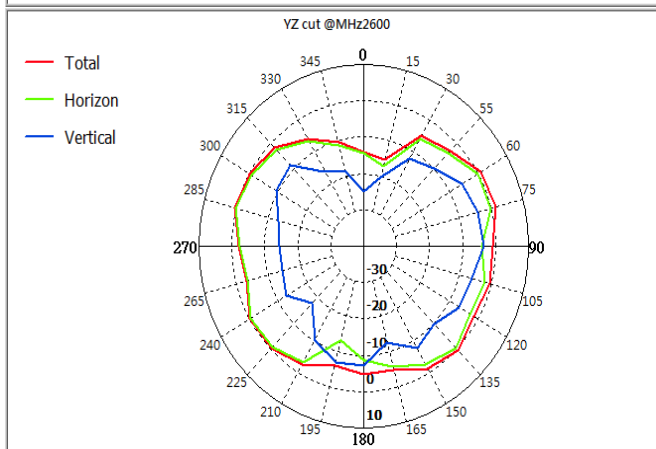
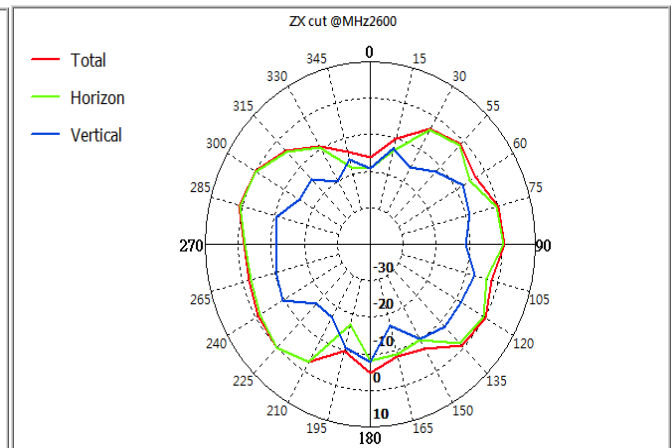
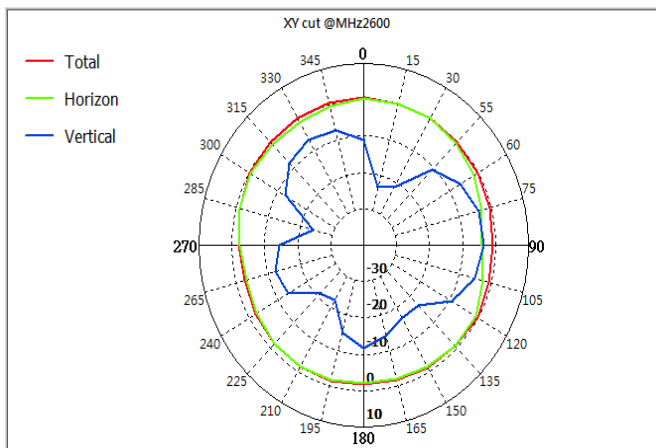


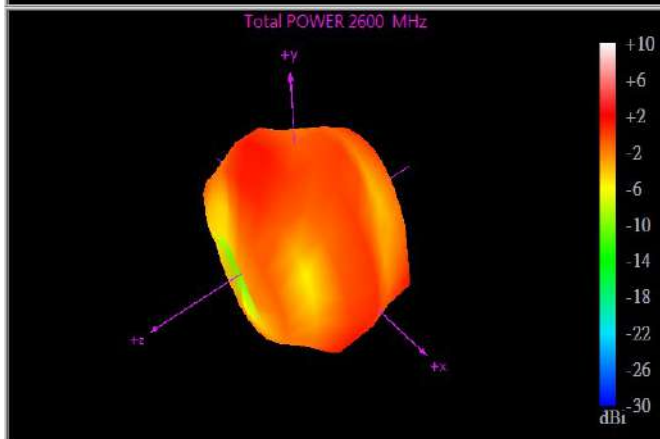
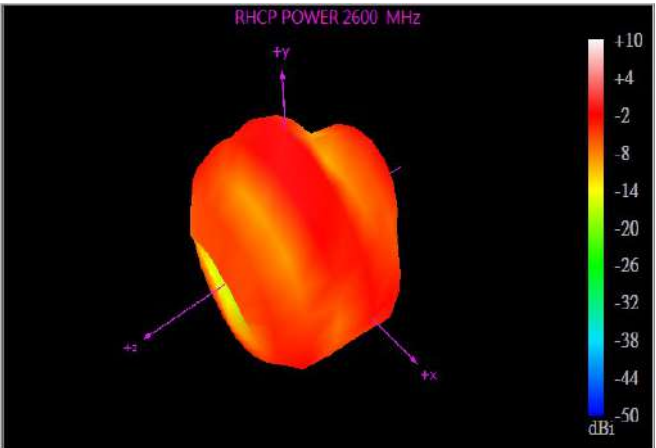
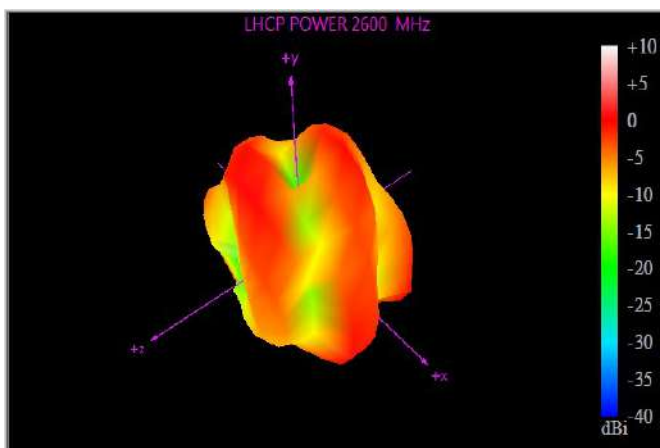
2500Mhz:





2600Mhz:





2700Mhz:

