

4~6Ghz mini Antenna

MODEL: TH-4060B



1. GENERAL DESCRIPTION

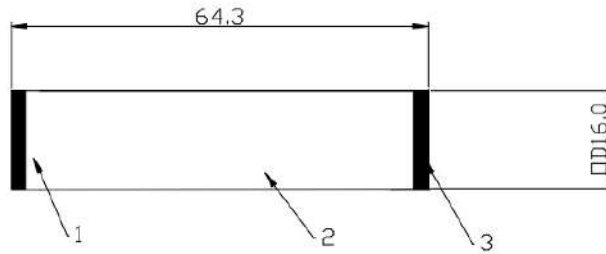
Model No
TH4060B-SMA(M)

1.1 Electrical Properties

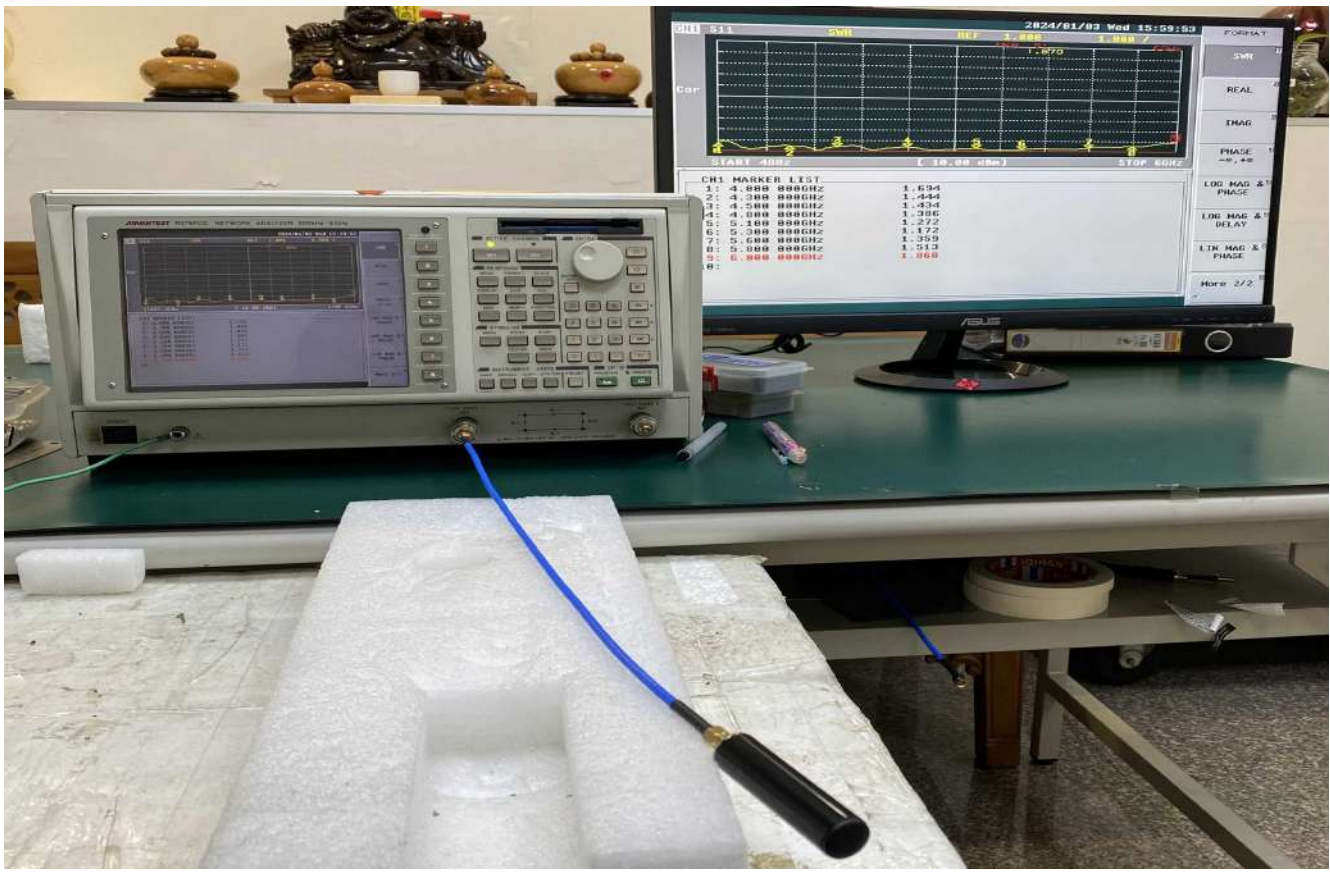
Parameter	Description
Frequency Band	4000~6000Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

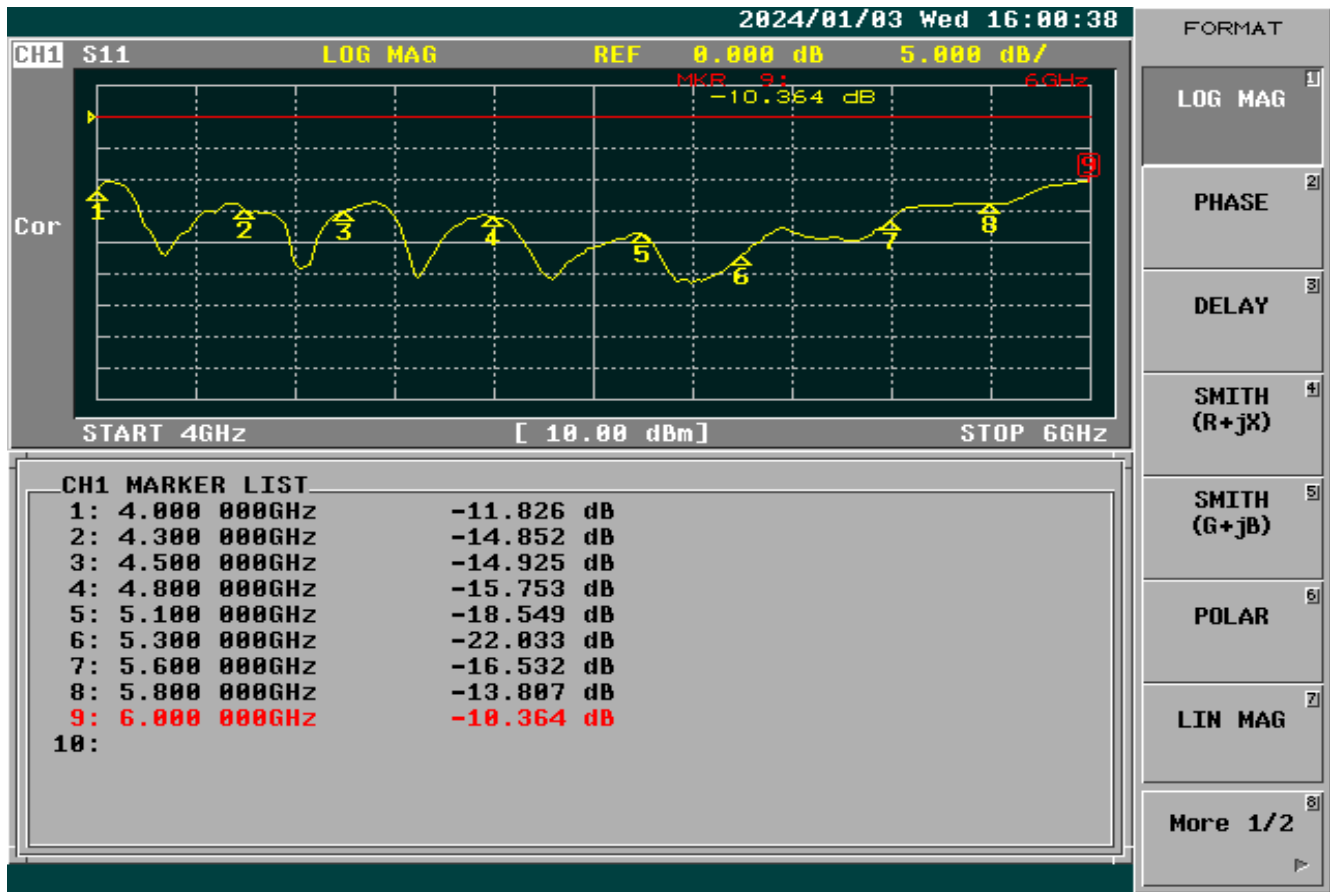
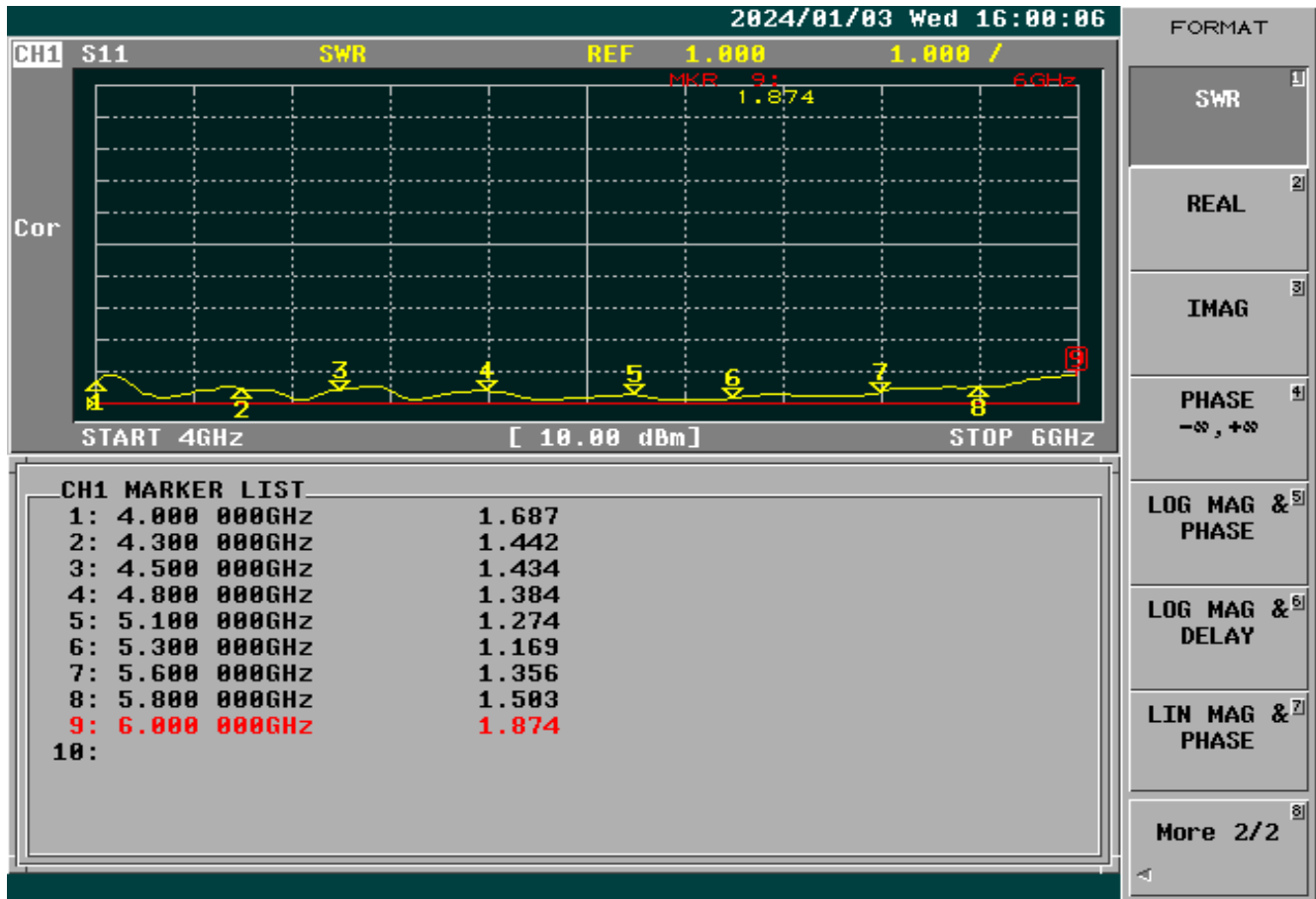
1.2 Mechanical Properties

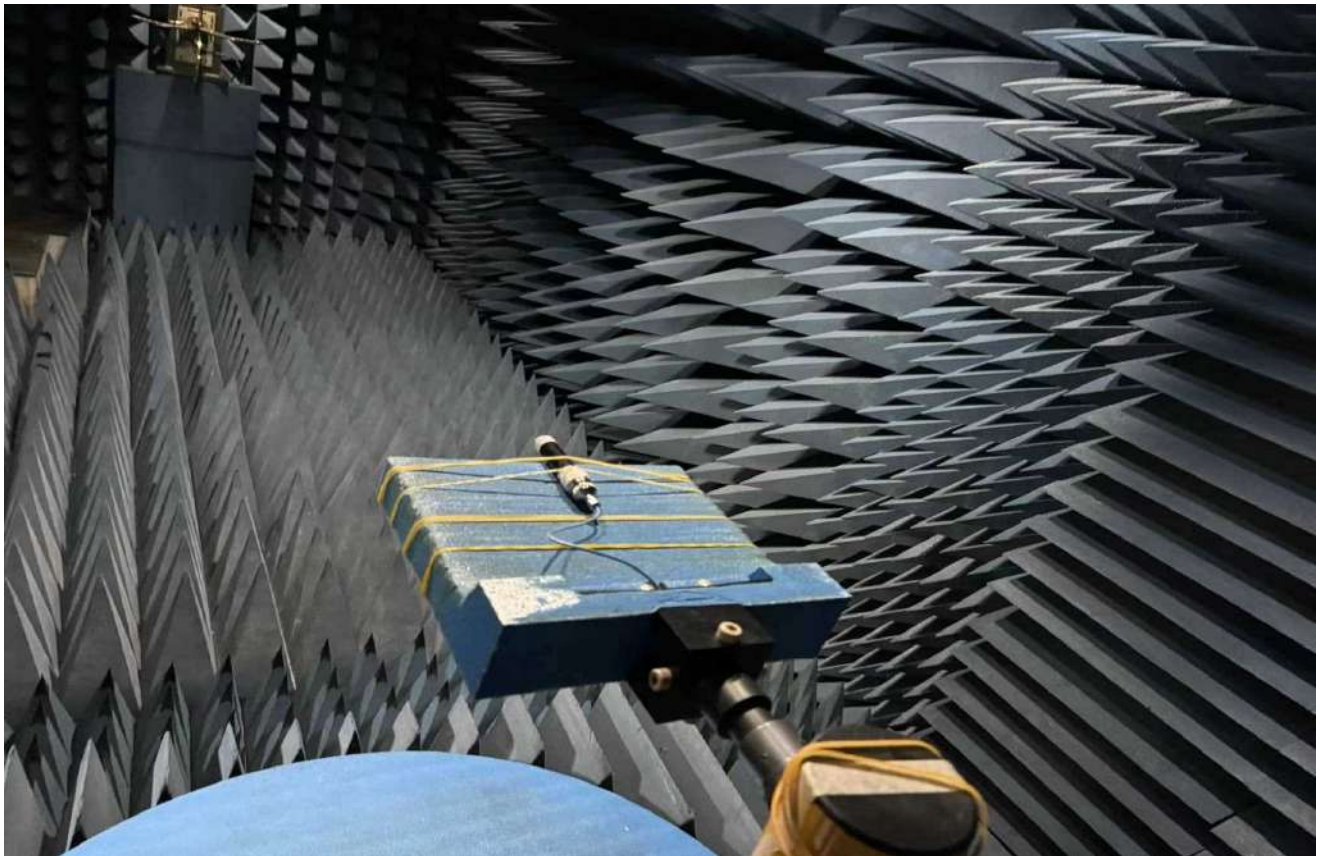
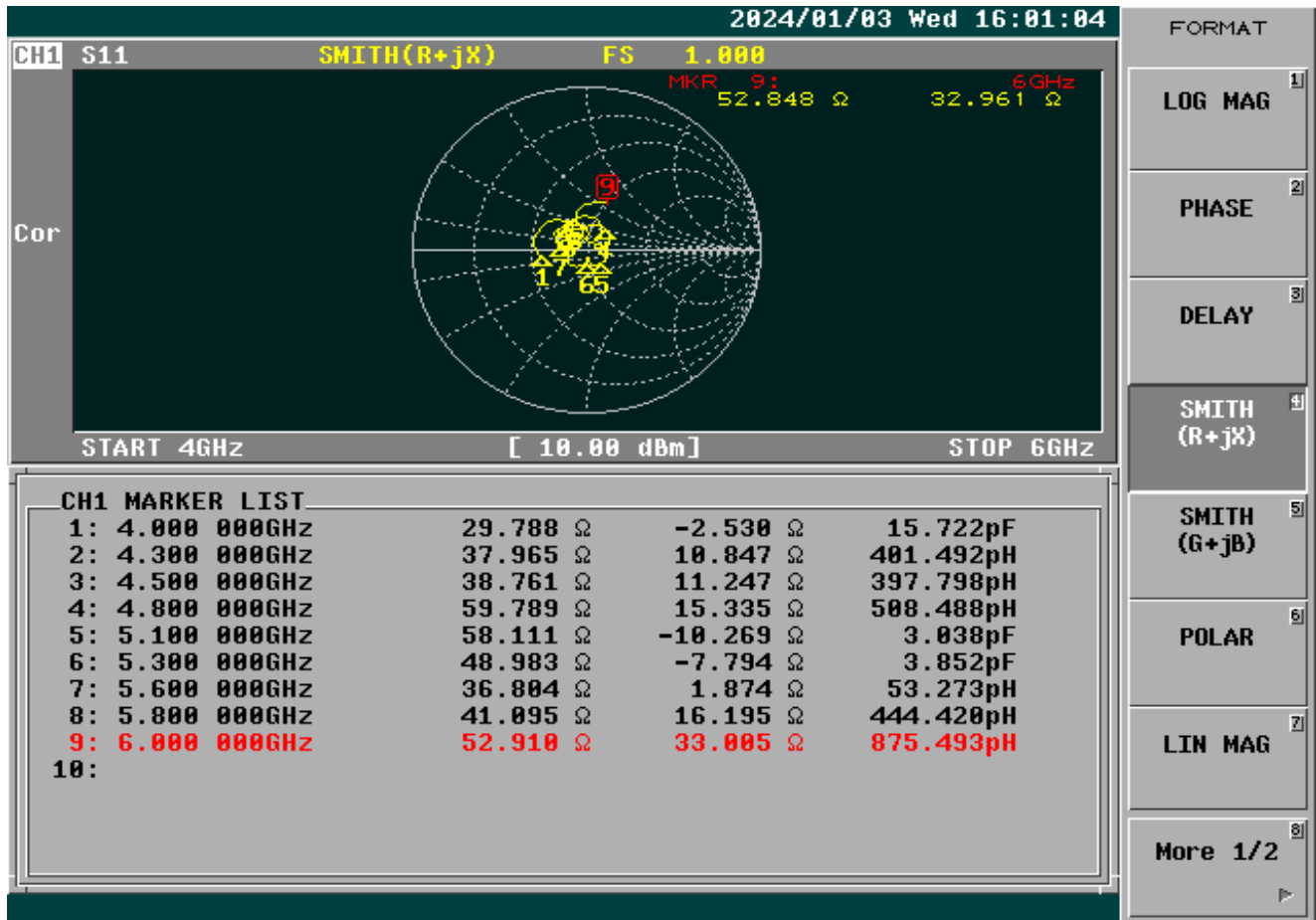
Parameter	Description
Antenna Type	External Antenna
Material	ASA
Touch Type	Screw Type
Connector Type	SMA connector (Male)
Antenna Dimensions	Ø16 x 64.3mm ±3
Weight	20g
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C



6						百展科技有限公司	TEL: 886-2-86720160
5						BITEK NAVIGATION INC	FAX: 886-2-86720161
4						TITLE: 4-6G Antenna	DWG NO.: TH-4060B-SMA(R)
3	ASA Black cap					TOLERANCE: AS SPEC.	FINISH: SEE TABLE
2	ASA Black tube					DATE: 2024.01.10	UNIT: MM
1	SMA or RP-SMA(M) Connector					MATERIAL: SEE TABLE	ISSUED: BILL
ITEM	DESCRIPTION	MAT'L	FINISH	ITEM No.		DRAWN: ALAN	CHECKED: LOUIS



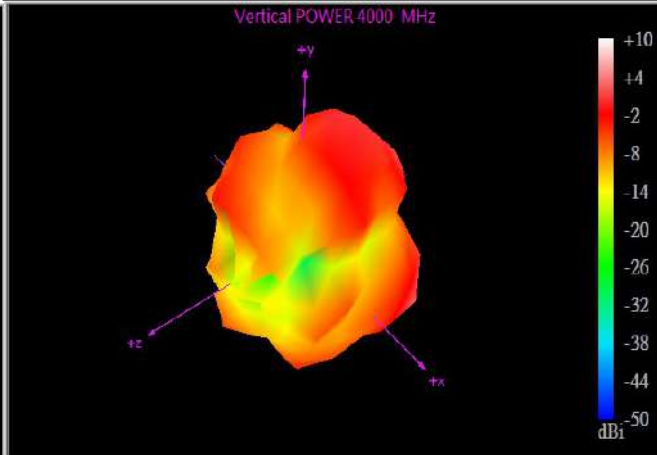
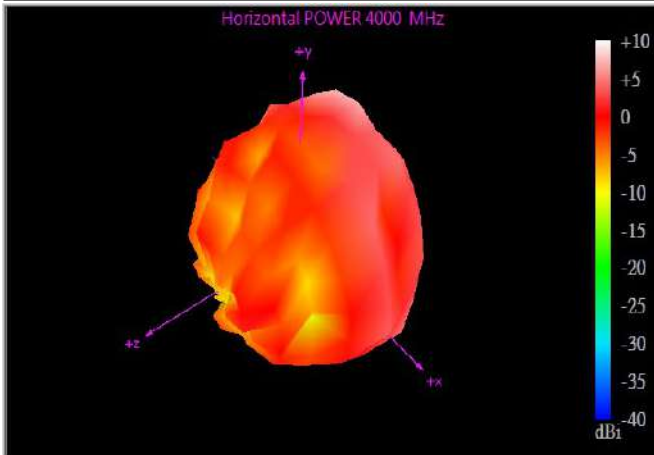
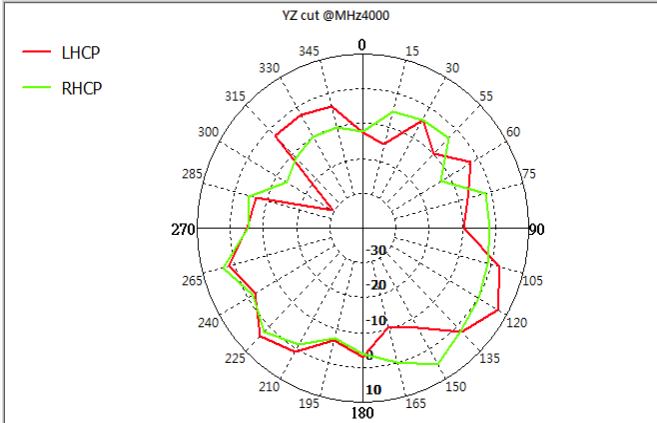
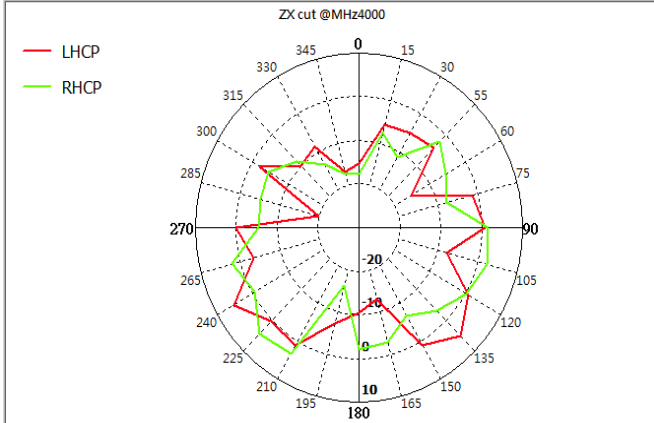
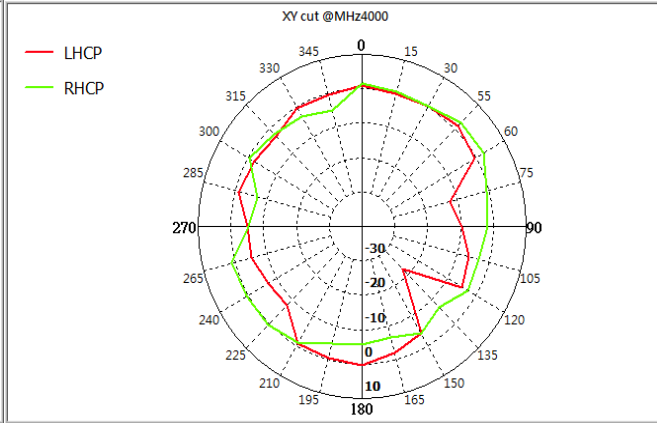
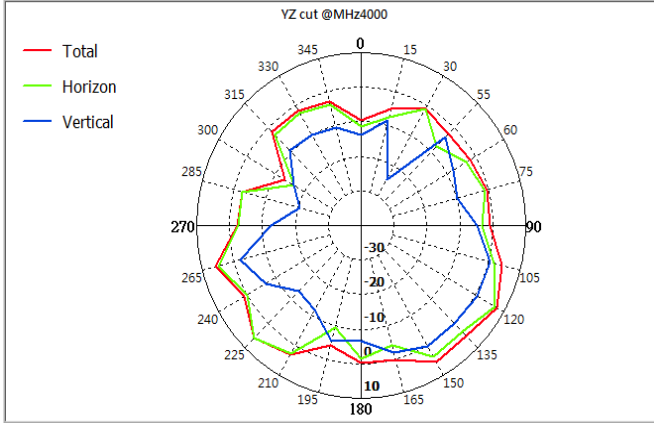
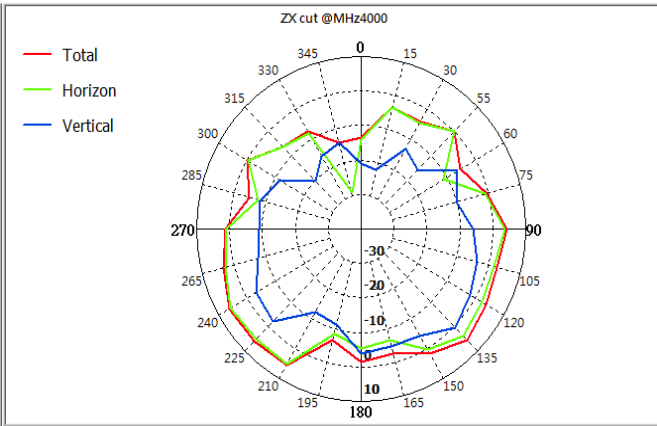
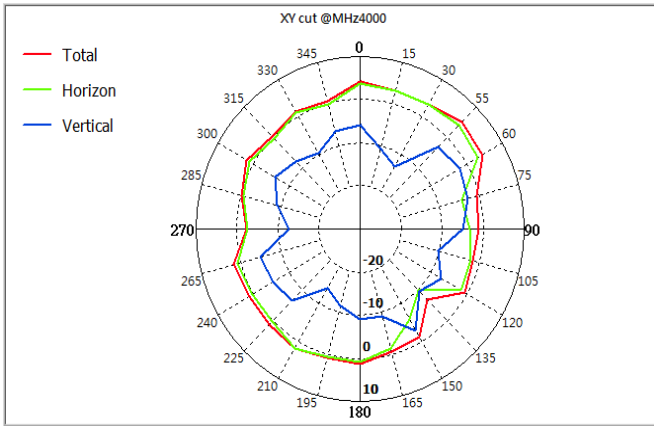


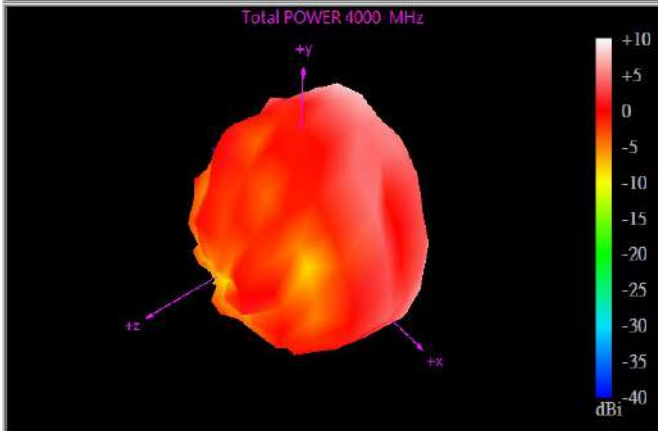
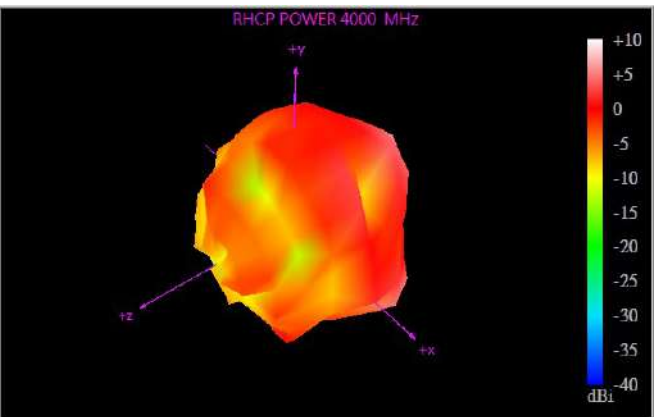
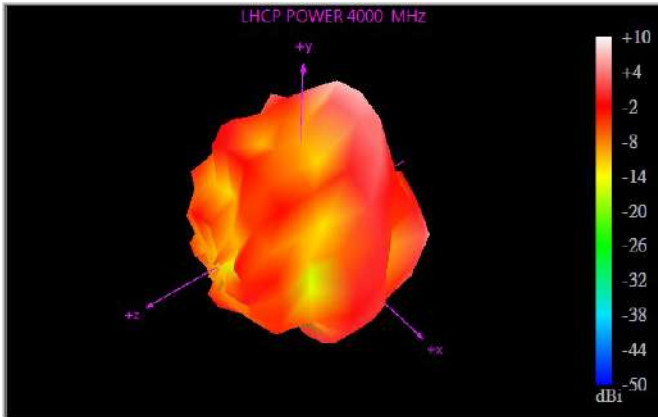


3D Total

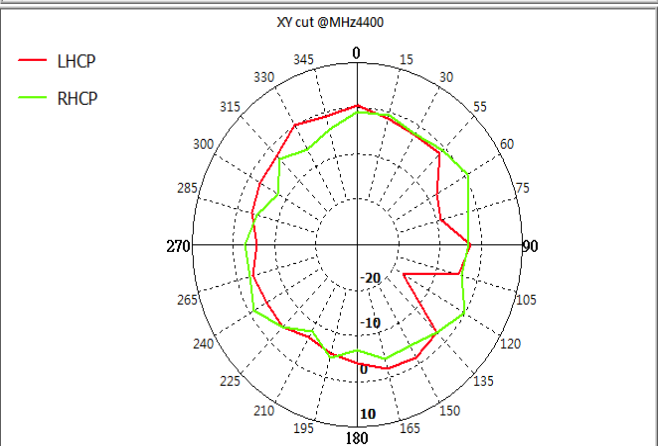
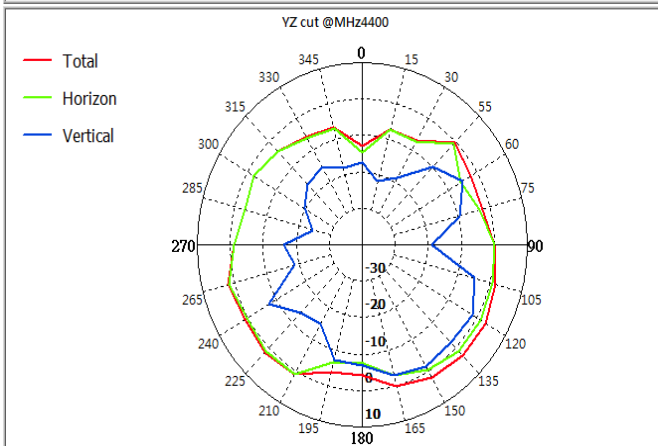
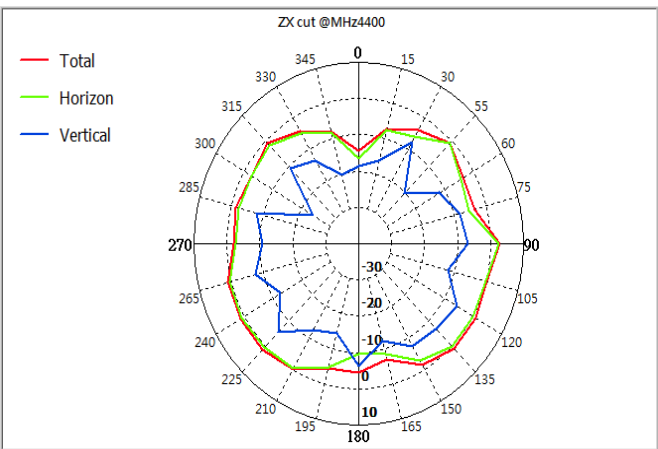
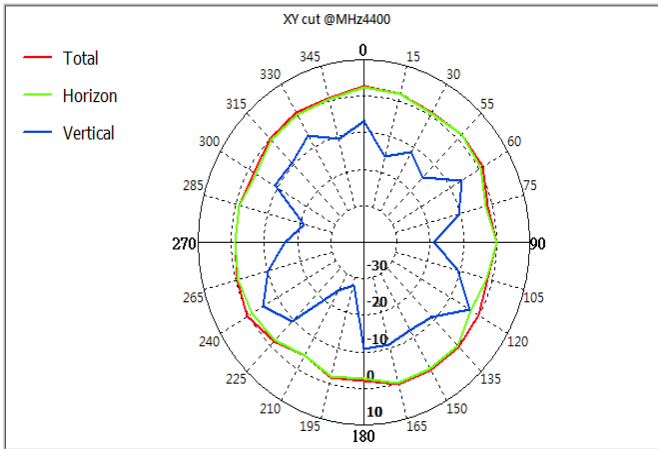
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
4000 MHz	-5.04	0.86	-1.85	65.31	8.07	-1.85
4050 MHz	-3.35	2.05	-1.78	66.37	9.43	-1.78
4100 MHz	-6.06	-0.74	-2.12	61.38	6.52	-2.12
4150 MHz	-5.31	-0.29	-1.93	64.12	6.82	-1.93
4200 MHz	-5.72	-1.00	-1.67	68.08	7.38	-1.67
4250 MHz	-4.98	-0.91	-2.32	58.61	6.70	-2.32
4300 MHz	-2.65	1.06	-1.56	69.82	7.49	-1.56
4350 MHz	-4.63	-1.06	-2.03	62.66	5.63	-2.03
4400 MHz	-5.66	-2.19	-1.71	67.45	5.17	-1.71
4450 MHz	-6.88	-3.81	-2.07	62.07	3.72	-2.07
4500 MHz	-6.08	-3.81	-1.79	66.25	3.31	-1.79
4550 MHz	-5.99	-3.67	-1.66	68.17	3.07	-1.66
4600 MHz	-5.96	-3.98	-1.85	65.31	3.33	-1.85
4650 MHz	-5.90	-3.86	-1.75	66.86	2.31	-1.75
4700 MHz	-5.89	-3.81	-4.23	37.76	3.37	-4.23
4750 MHz	-5.51	-3.58	-1.43	71.93	3.78	-1.43
4850 MHz	-3.99	-2.60	-1.48	71.12	4.19	-1.48
4900 MHz	-4.63	-3.08	-2.01	62.95	4.43	-2.01
5150 MHz	-4.54	-4.09	-1.30	74.07	3.17	-1.30
5250 MHz	-5.46	-5.48	-2.46	56.81	2.26	-2.46
5350 MHz	-4.94	-5.22	-2.07	62.10	1.96	-2.07
5470 MHz	-5.12	-5.53	-2.31	58.76	2.05	-2.31
5600 MHz	-4.03	-5.14	-1.54	70.15	2.67	-1.54
5725 MHz	-4.65	-6.07	-2.29	59.01	1.79	-2.29
5785 MHz	-4.65	-6.31	-2.39	57.62	2.57	-2.39
5800 MHz	-5.09	-6.63	-2.78	52.68	1.26	-2.78
5850 MHz	-4.45	-6.32	-2.28	59.22	1.84	-2.28
5900 MHz	-3.03	-5.07	-1.92	64.27	4.02	-1.92
5950 MHz	-0.86	-2.66	-1.35	73.28	5.57	-1.35
6000 MHz	-4.54	-6.76	-2.50	56.21	1.95	-2.50

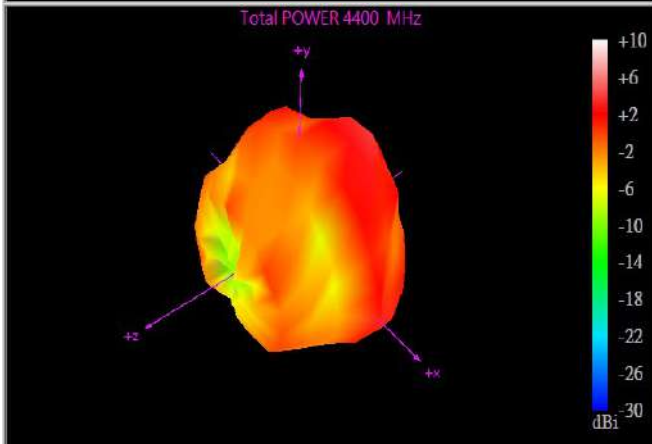
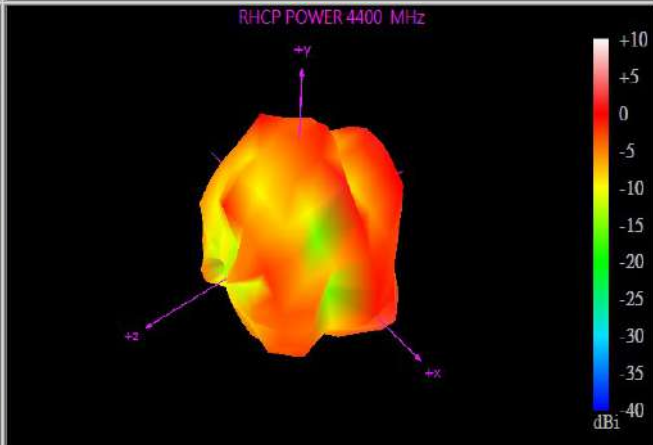
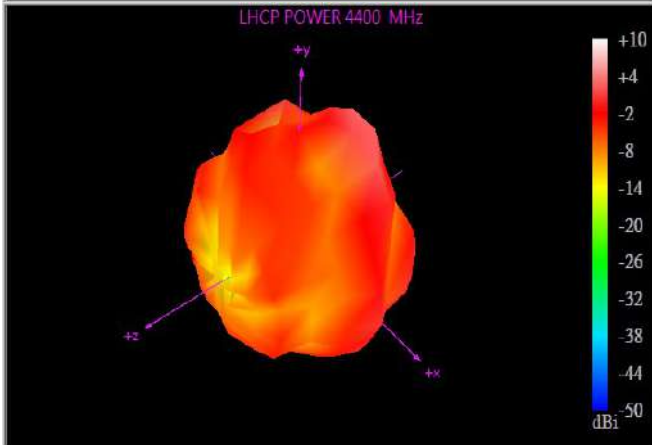
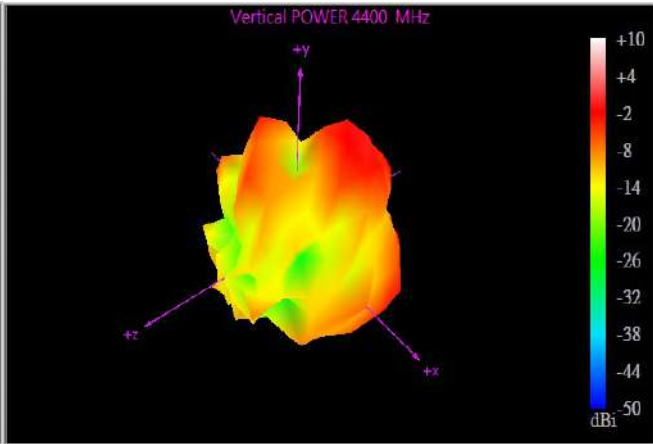
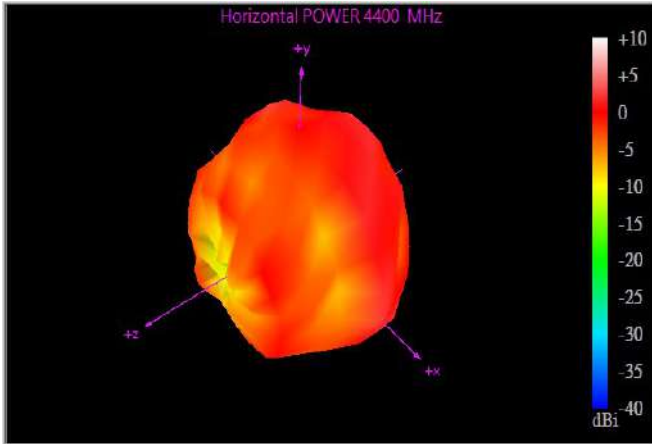
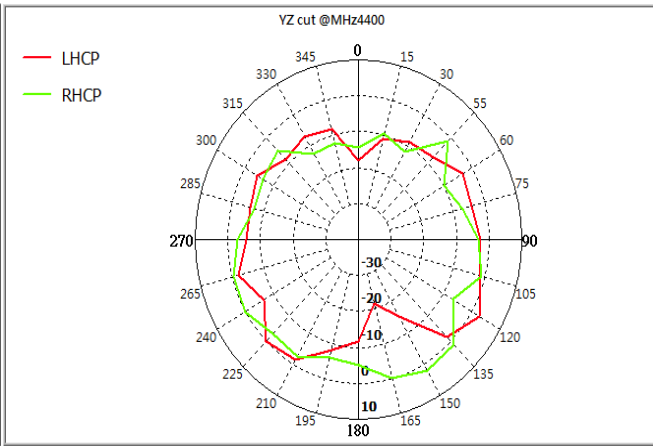
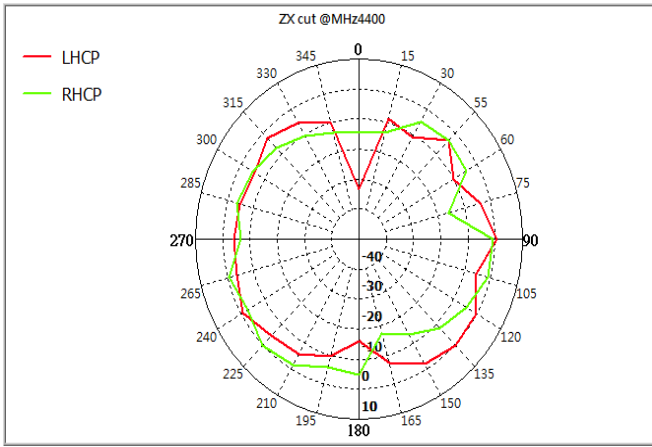
4000Mhz:



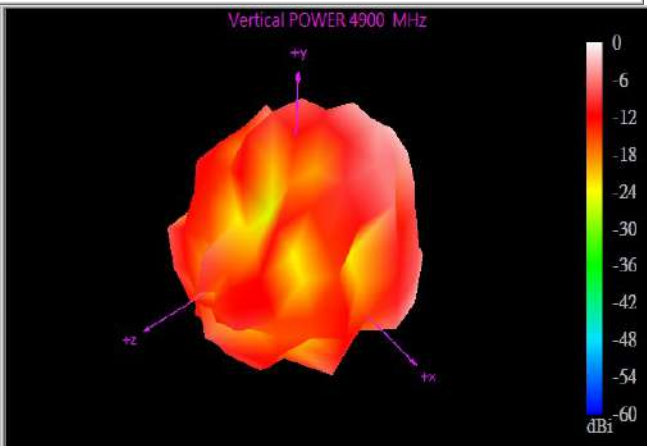
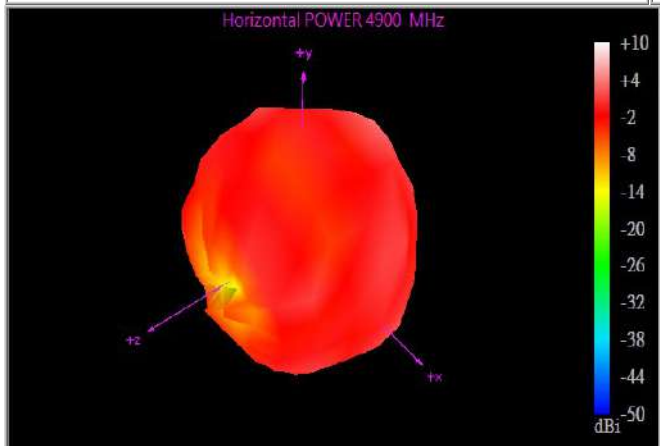
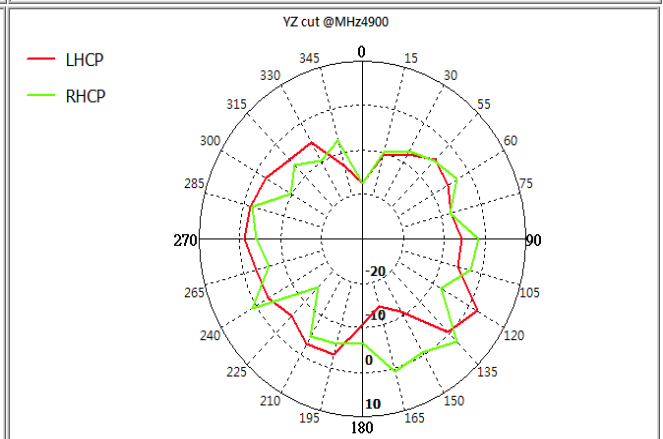
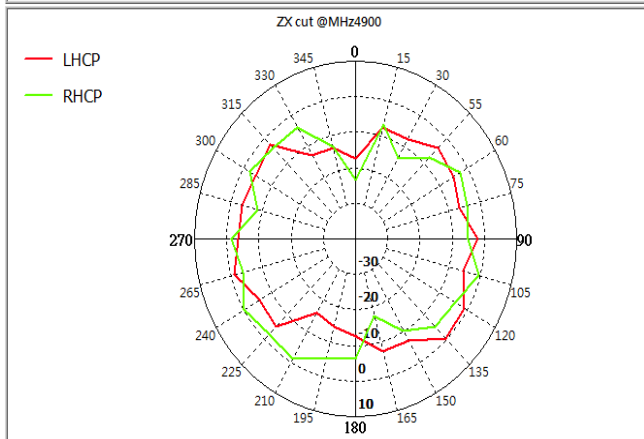
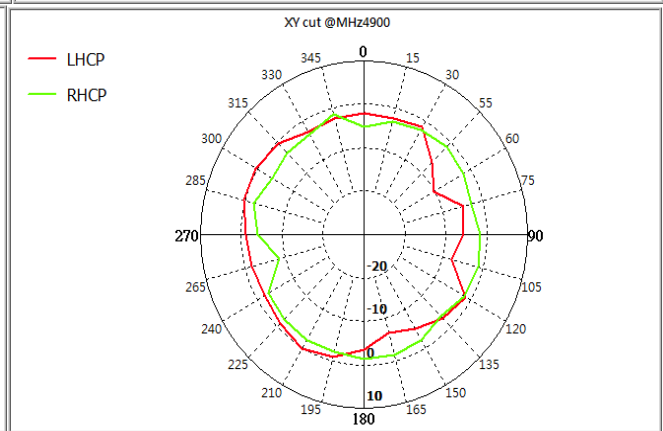
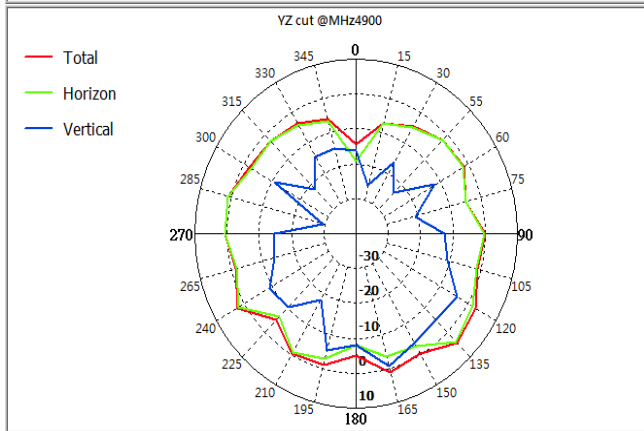
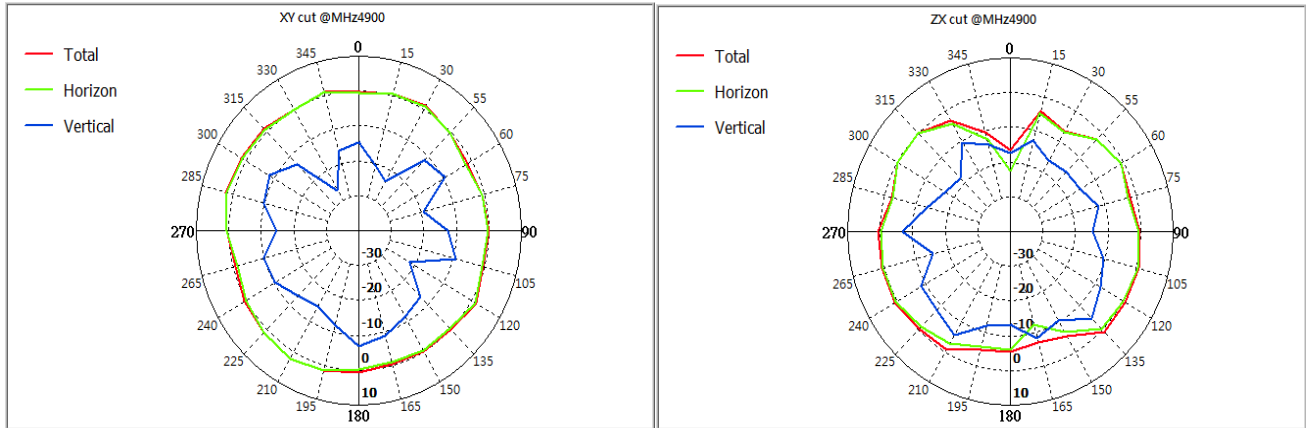


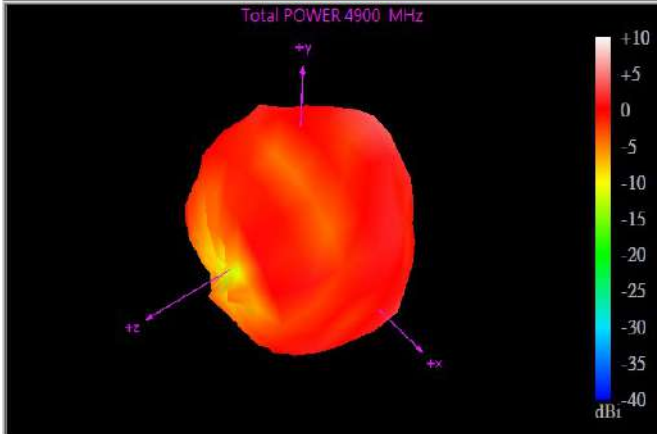
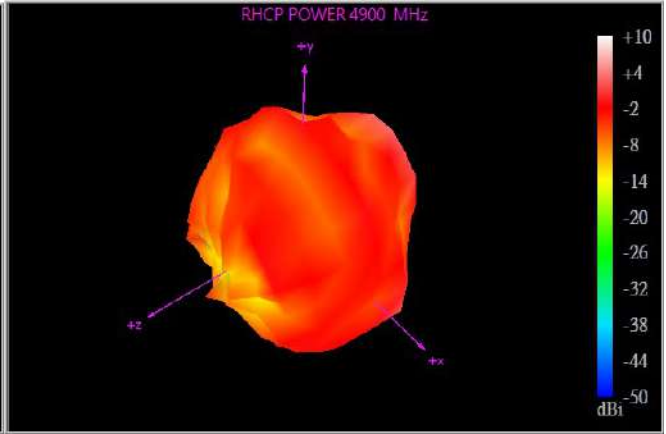
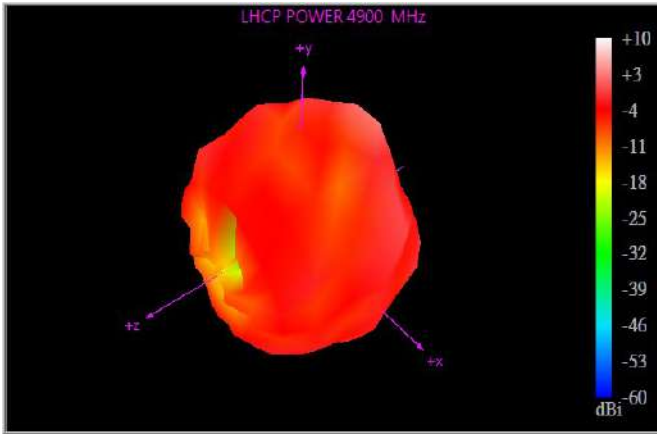
4400Mhz:



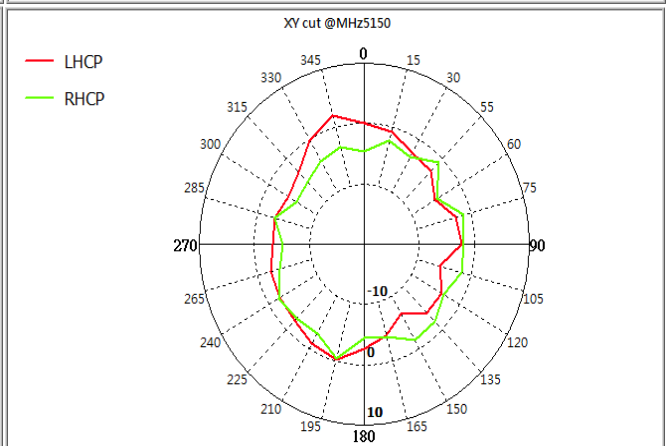
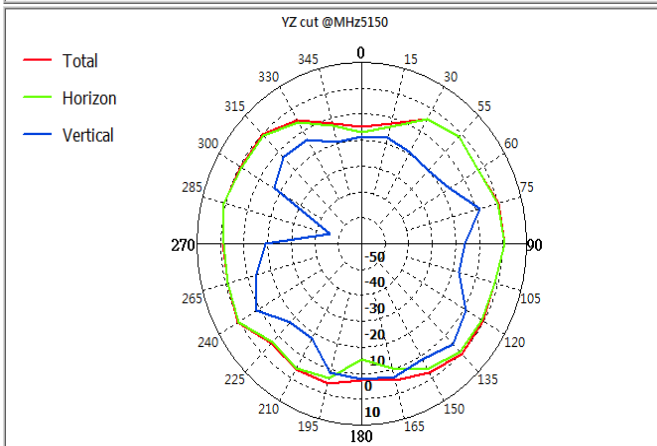
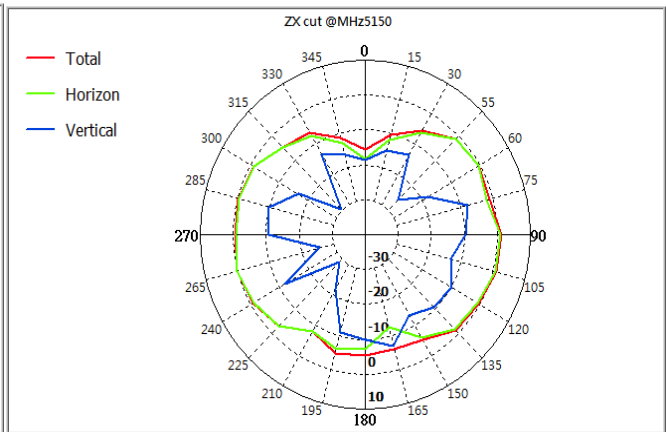
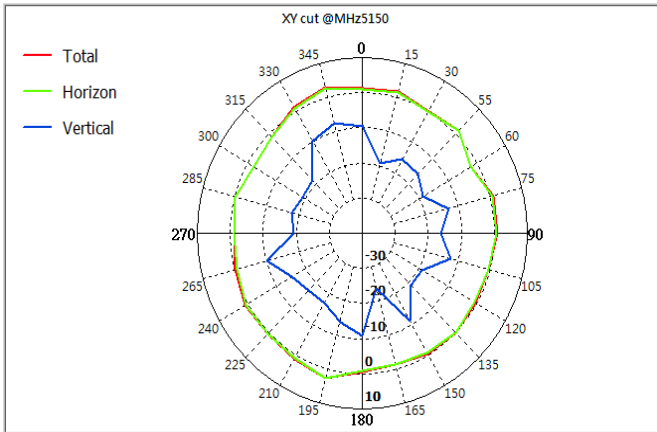


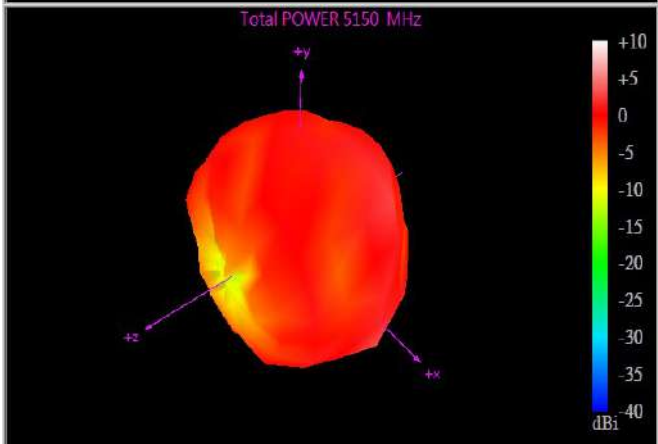
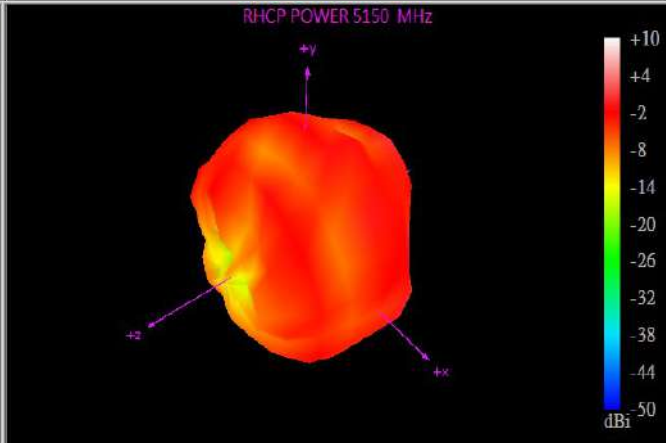
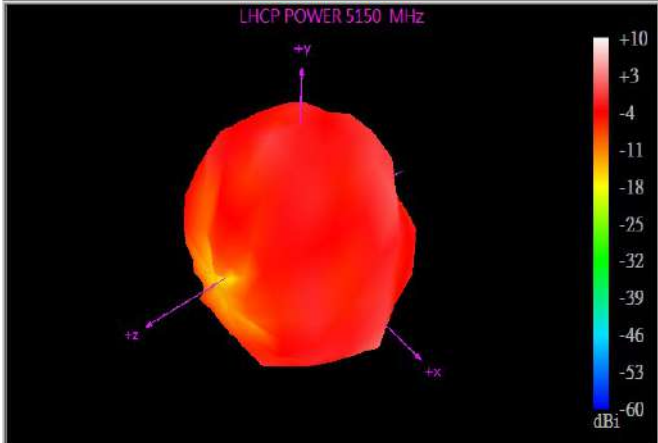
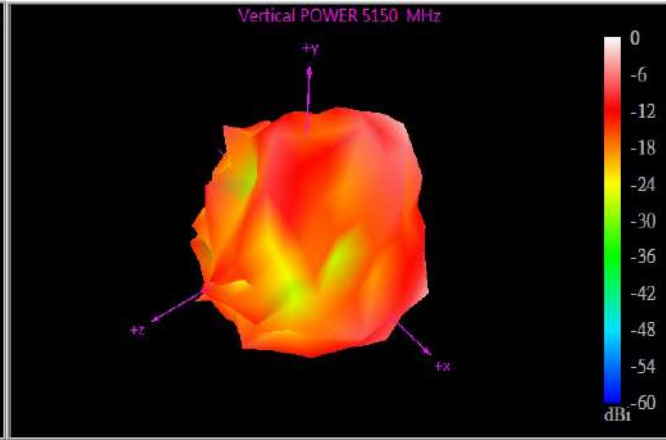
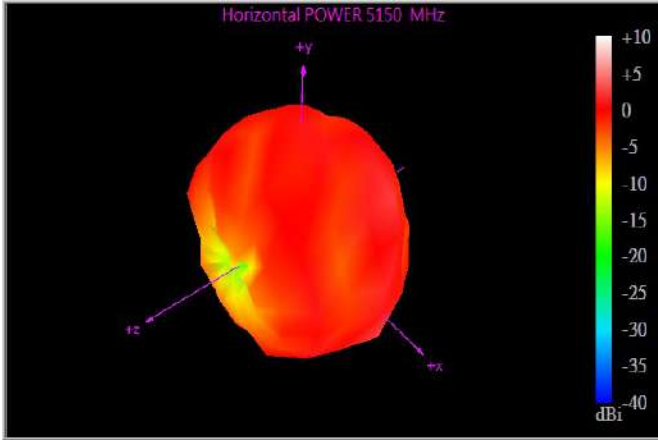
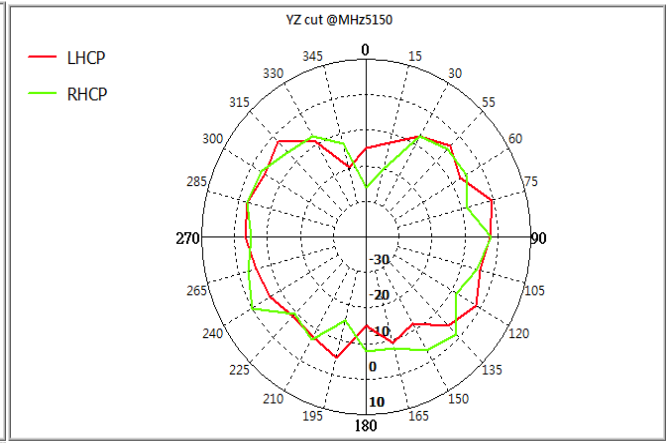
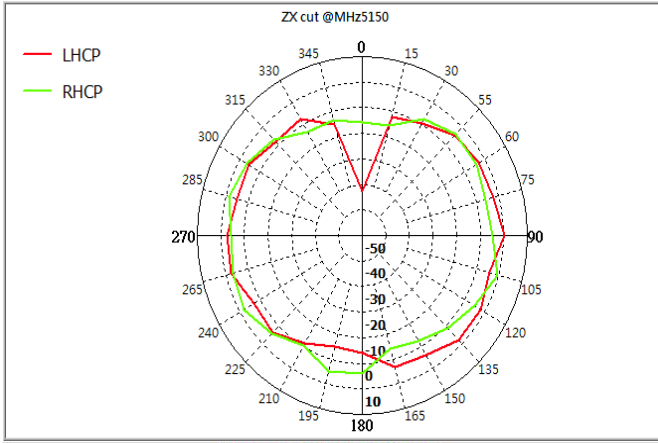
4900MHz:



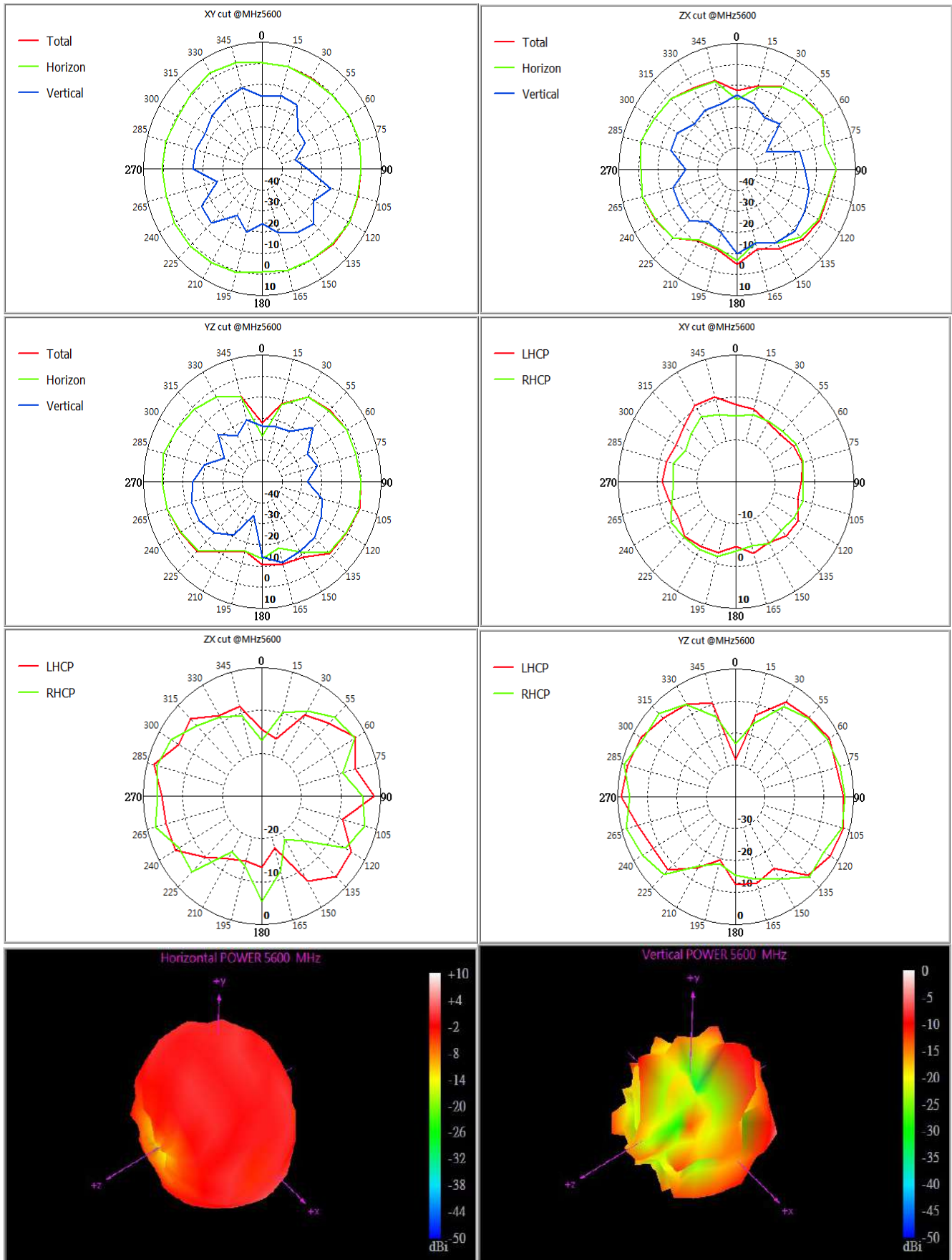


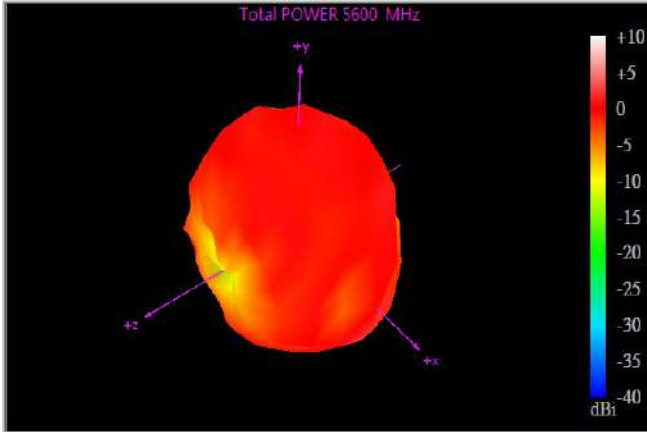
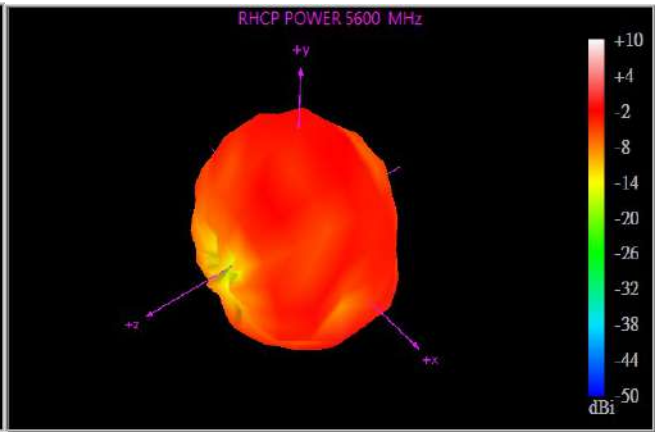
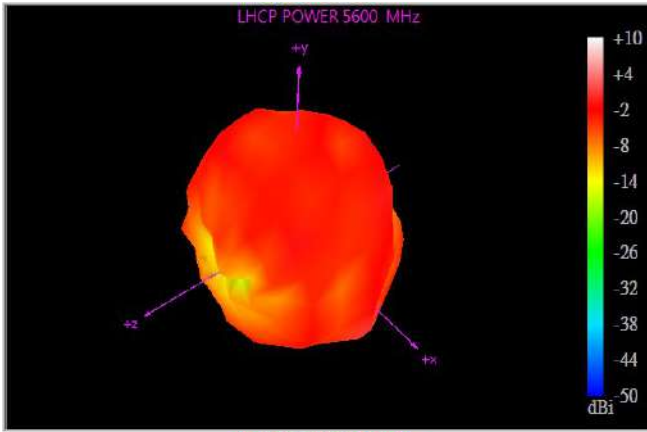
5150Mhz:





5600Mhz:





5900Mhz:

