

L Band Antenna

MODEL: TH-1375



1.. GENERAL DESCRIPTION

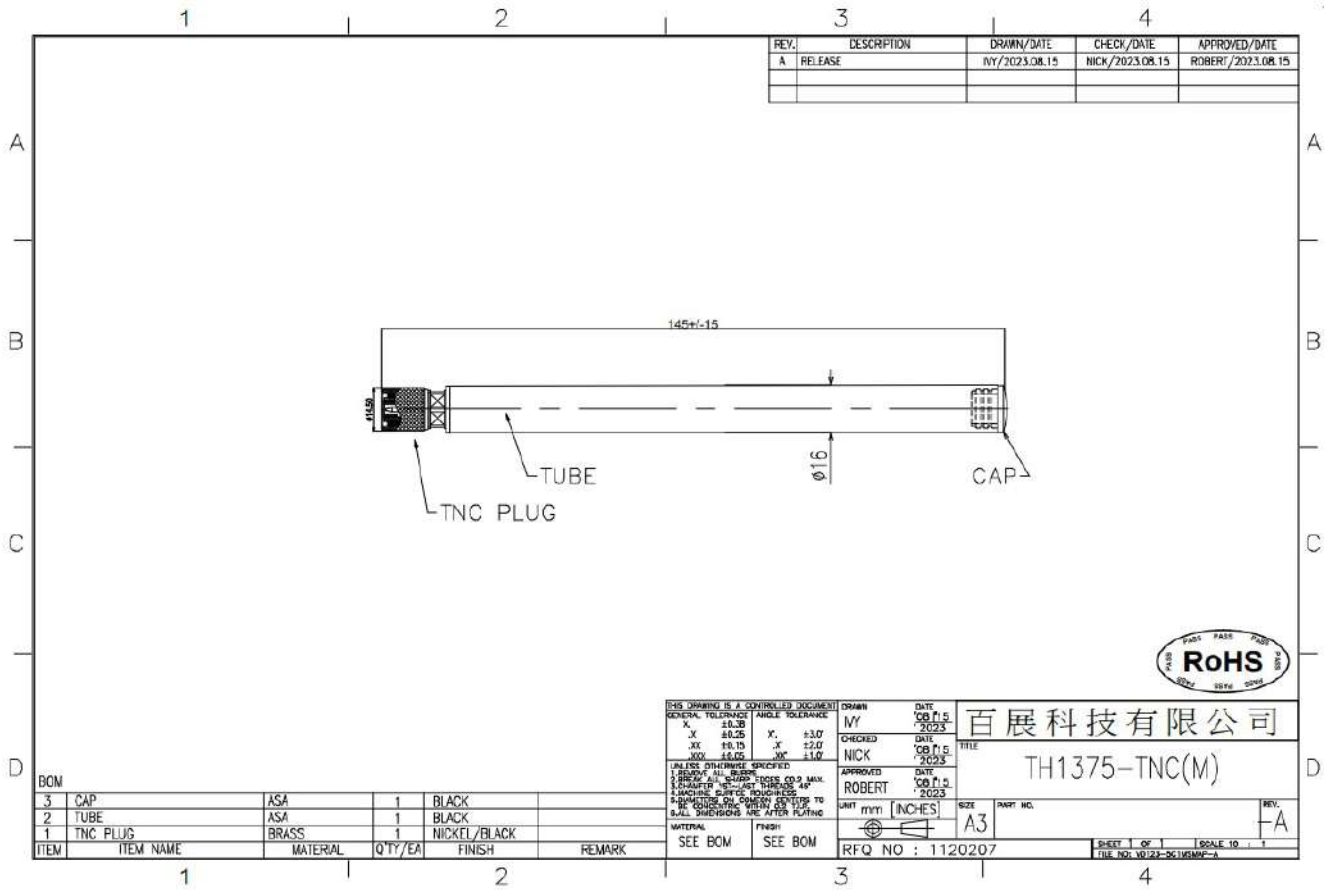
Model No
TH1375-TNC(M)

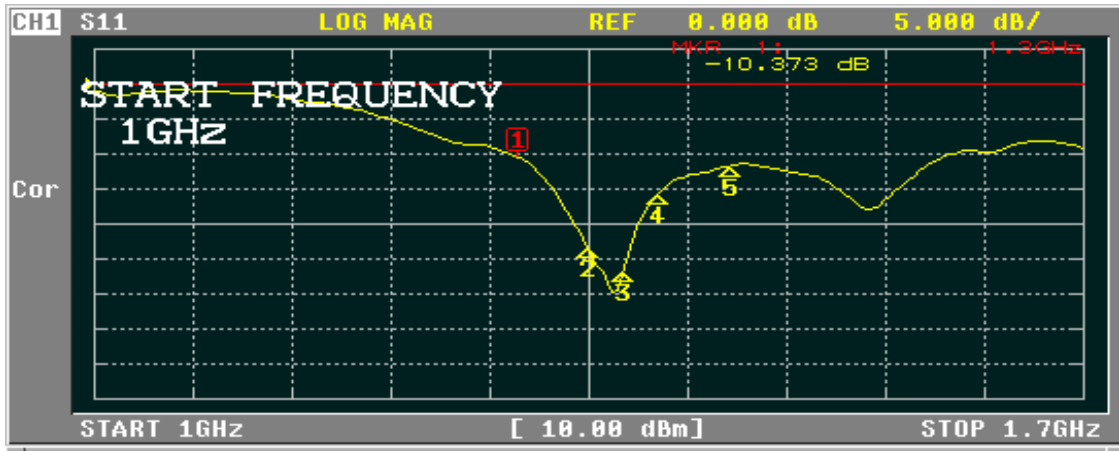
1.1 Electrical Properties

Parameter	Description
Frequency Band	1300~1450Mhz
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	TNC connector (Male)
Antenna Dimensions	Ø16 x 145mm ±15
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C





CH1 MARKER LIST

1:	1.300 000GHz	-10.374 dB
2:	1.350 000GHz	-23.418 dB
3:	1.375 000GHz	-26.662 dB
4:	1.400 000GHz	-15.711 dB
5:	1.450 000GHz	-11.785 dB
6:		
7:		
8:		
9:		
10:		

CAL MENU

1 PORT FULL CAL

2 PORT CAL MENU

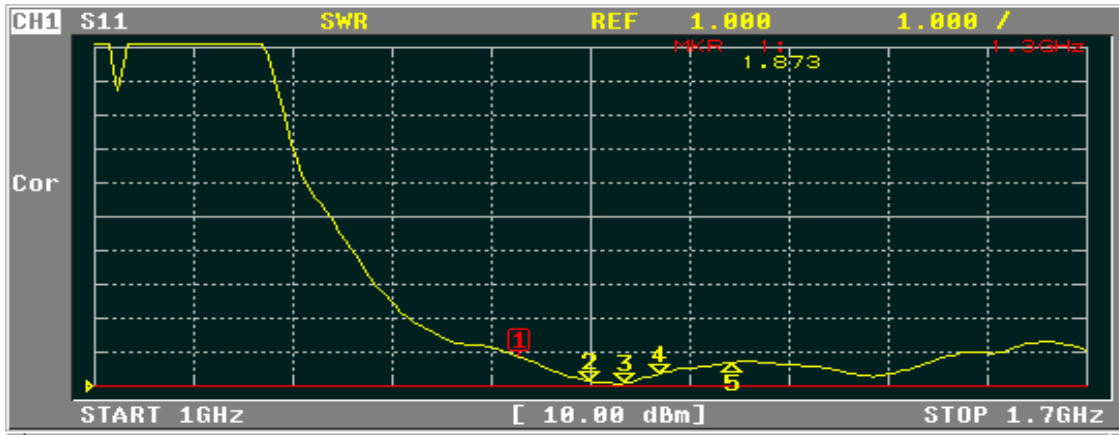
AUTO CAL

CLEAR CAL DATA

CAL KIT

N(50Ω)

Return



CH1 MARKER LIST

1:	1.300 000GHz	1.873
2:	1.350 000GHz	1.152
3:	1.375 000GHz	1.090
4:	1.400 000GHz	1.372
5:	1.450 000GHz	1.695
6:		
7:		
8:		
9:		
10:		

FORMAT

SWR

REAL

IMAG

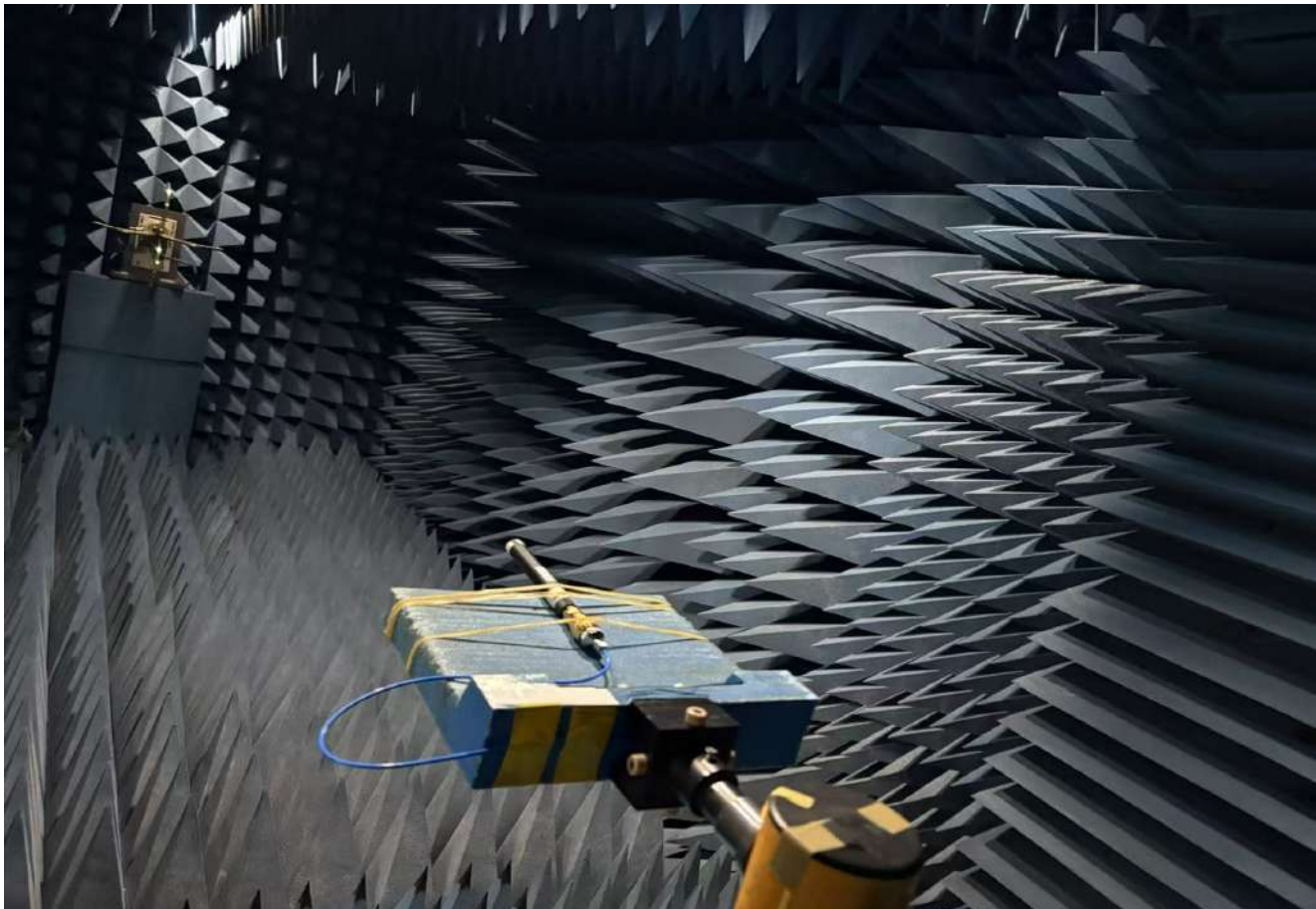
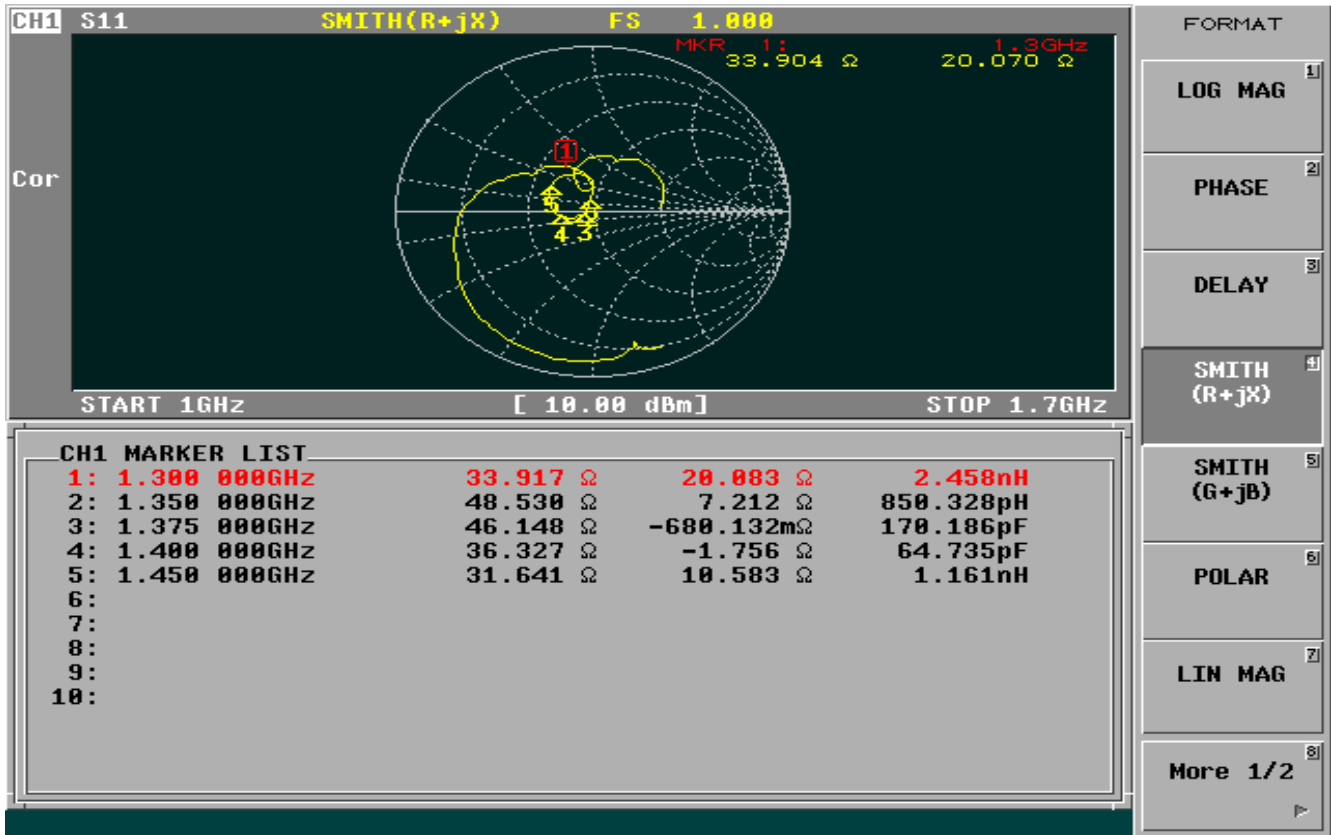
PHASE -∞, +∞

LOG MAG & PHASE

LOG MAG & DELAY

LIN MAG & PHASE

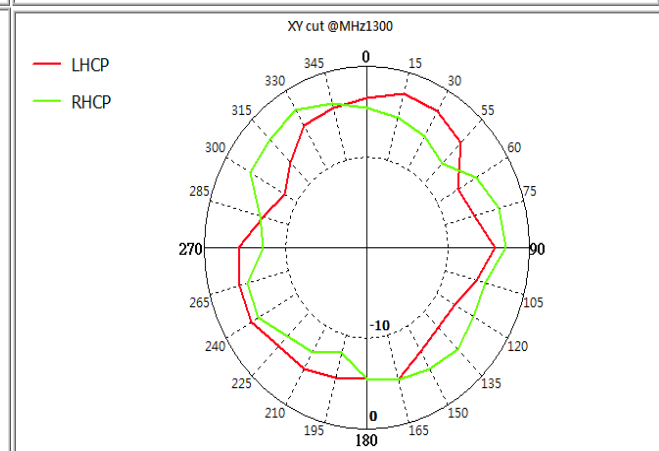
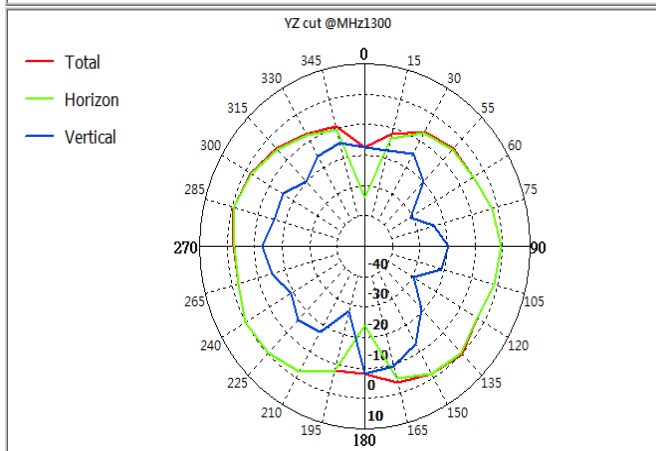
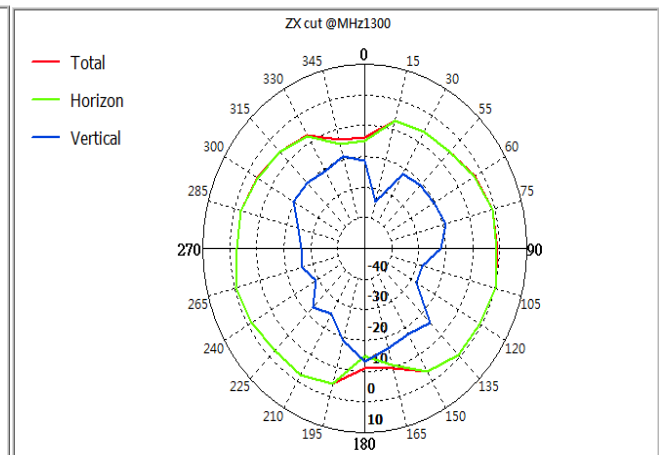
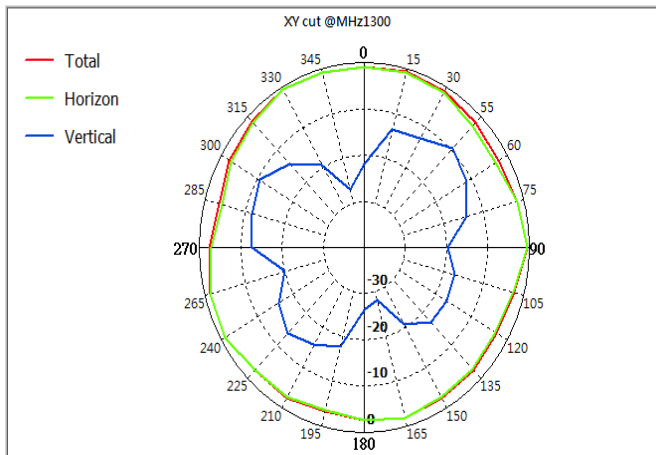
More 2/2

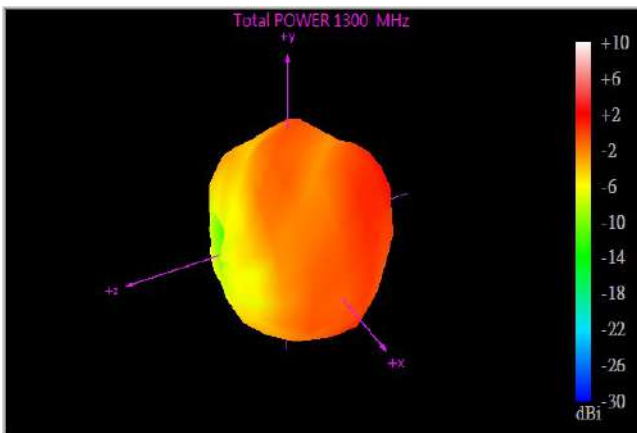
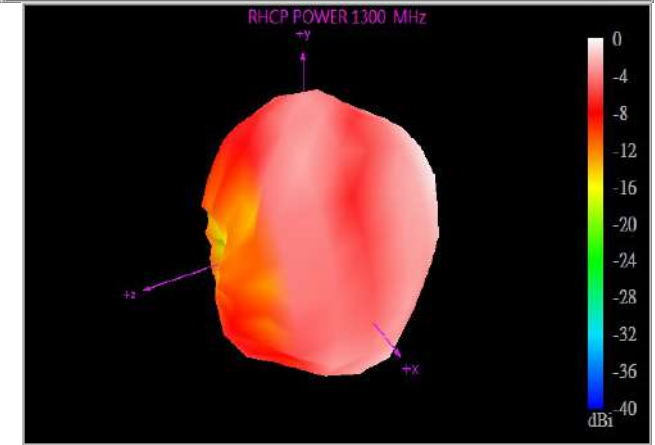
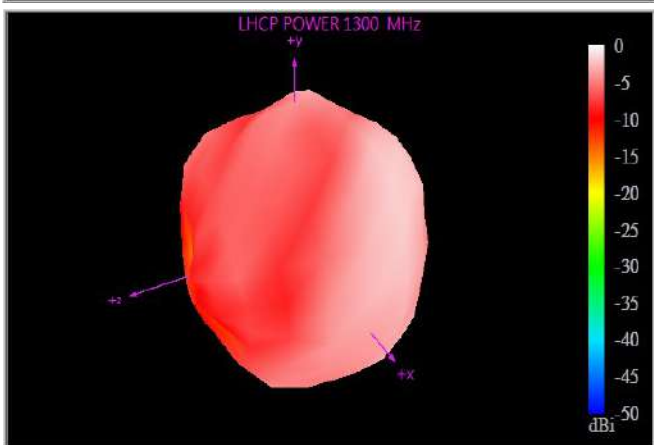
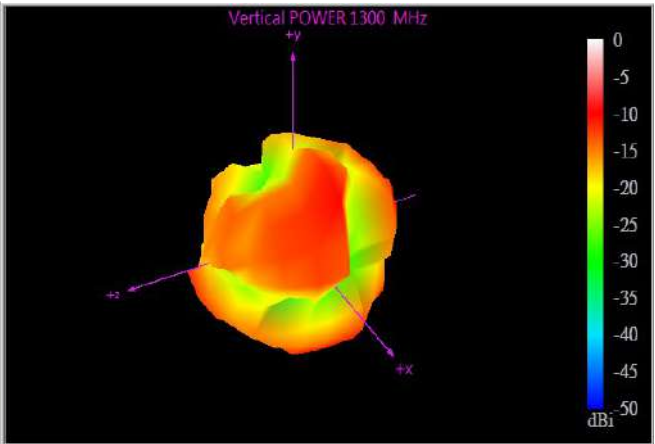
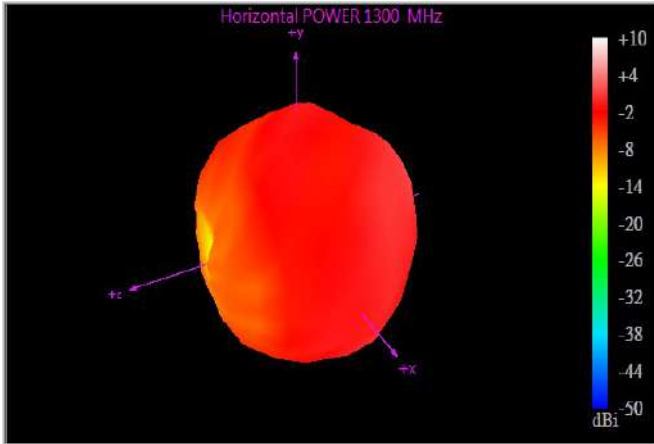
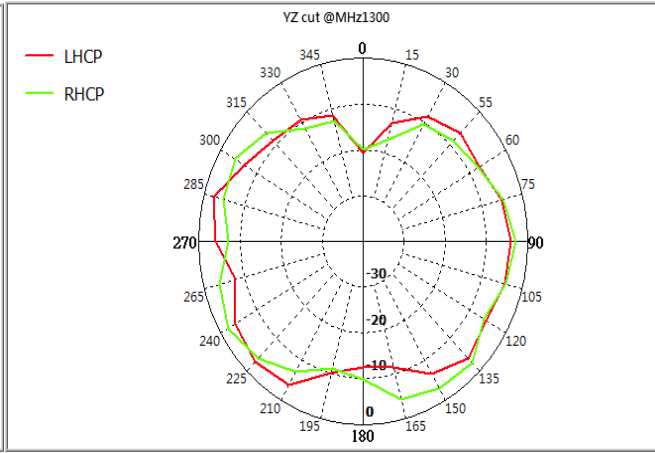
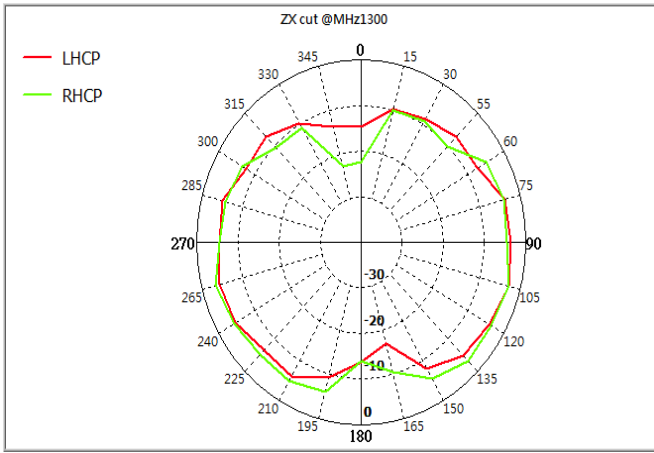


3D Total

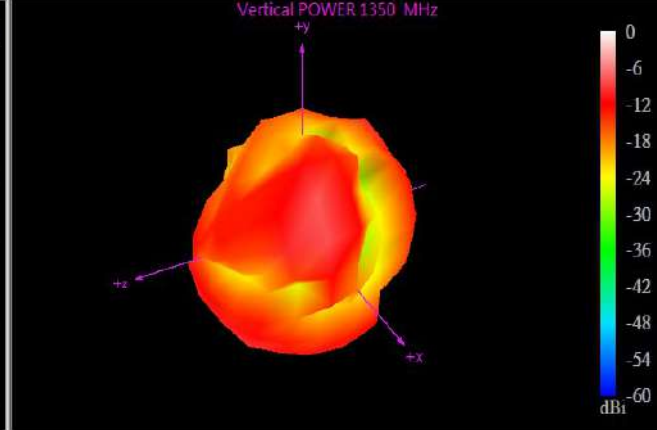
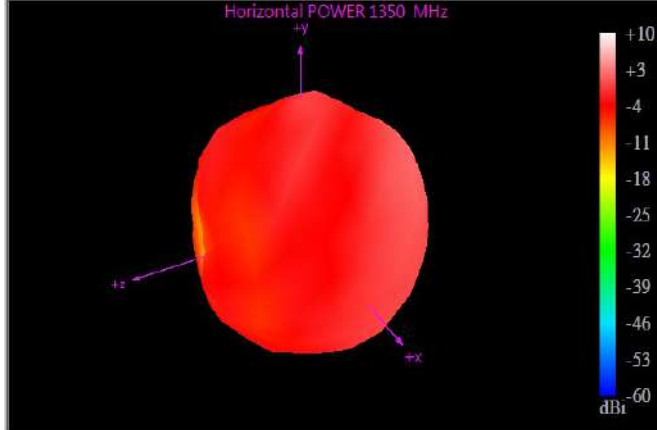
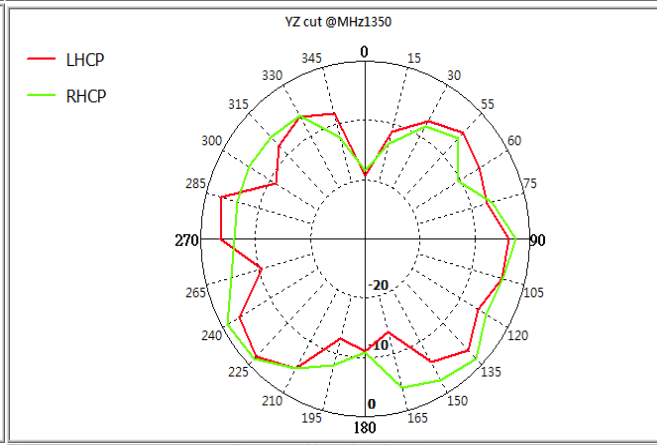
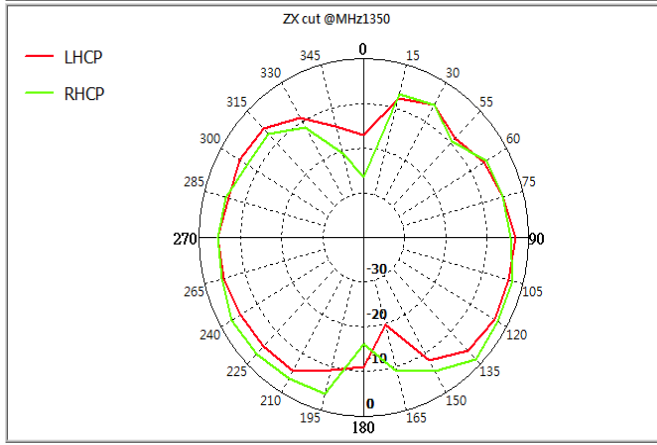
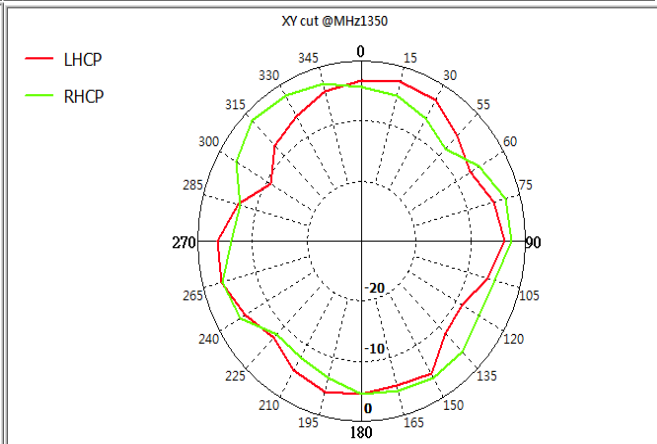
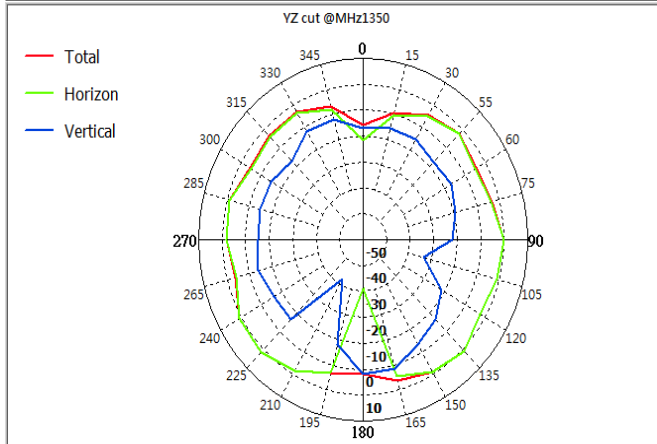
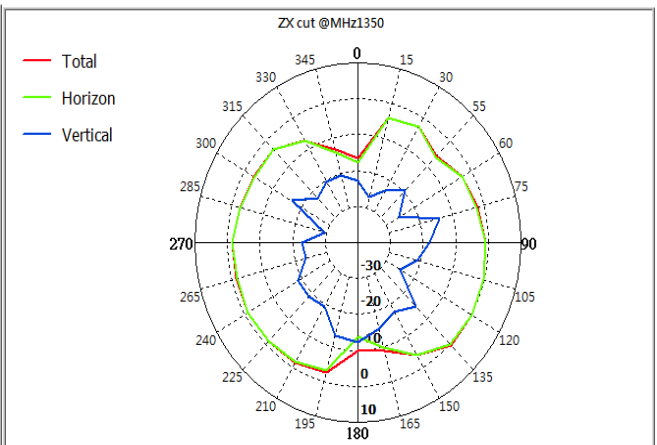
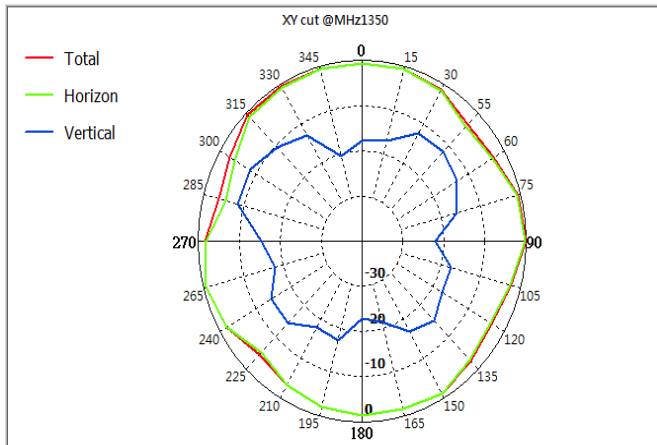
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1300 MHz	-6.88	-4.60	-2.58	55.19	1.57	-2.58
1325 MHz	-7.09	-4.38	-2.52	55.98	1.75	-2.52
1350 MHz	-6.55	-4.04	-2.11	61.55	2.22	-2.11
1375 MHz	-5.93	-3.86	-1.76	66.66	2.40	-1.76
1400 MHz	-5.90	-4.16	-1.93	64.07	2.26	-1.93
1450 MHz	-6.39	-4.85	-2.54	55.68	2.02	-2.54
1475 MHz	-6.39	-4.72	-2.46	56.71	2.08	-2.46
1500 MHz	-6.97	-4.98	-2.85	51.84	1.91	-2.85
1525 MHz	-6.56	-4.57	-2.44	56.97	2.66	-2.44
1550 MHz	-7.02	-4.82	-2.77	52.81	2.66	-2.77
1575 MHz	-6.74	-4.45	-2.43	57.09	3.69	-2.43
1600 MHz	-7.40	-4.86	-2.94	50.86	3.22	-2.94

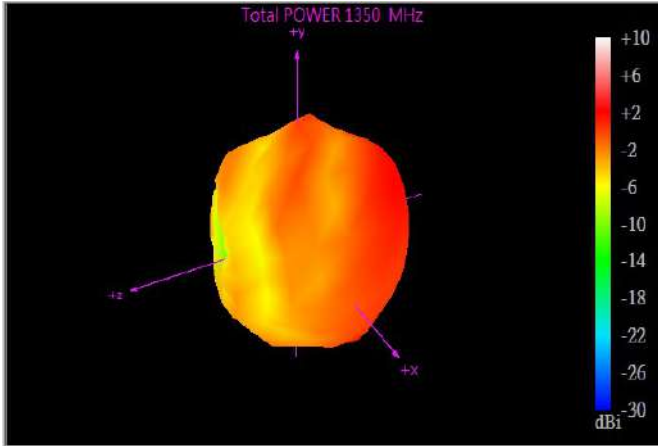
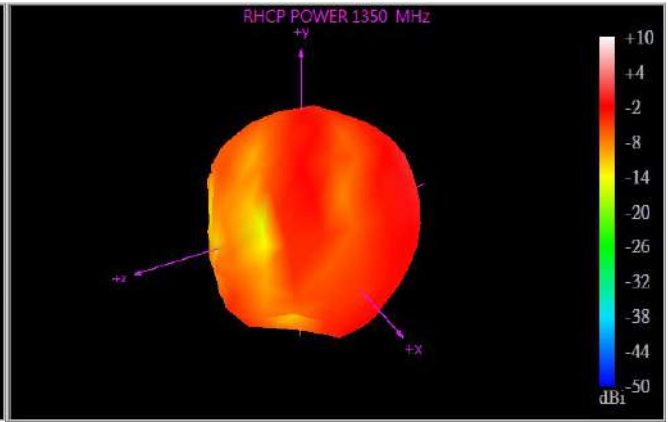
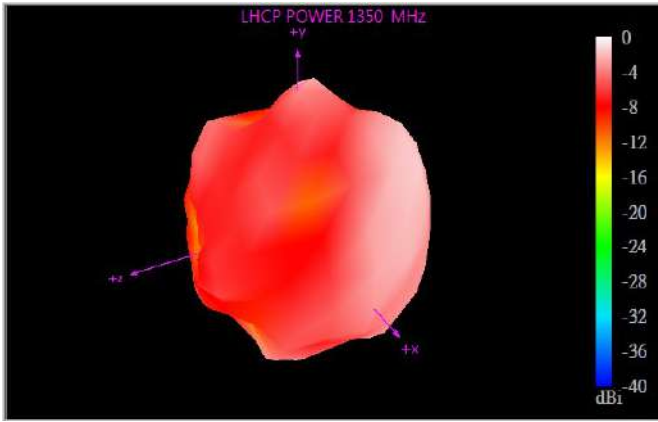
1300MHz:



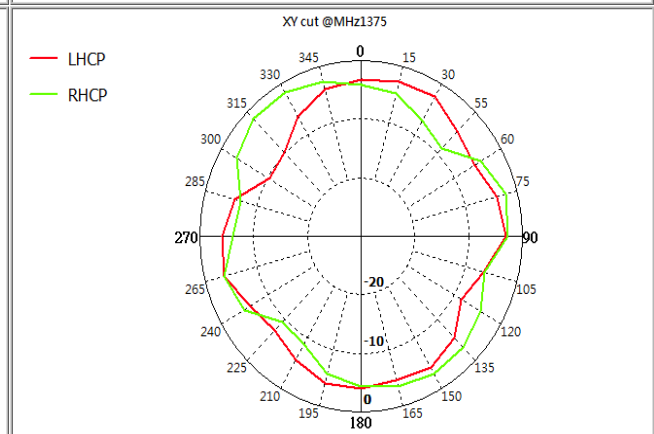
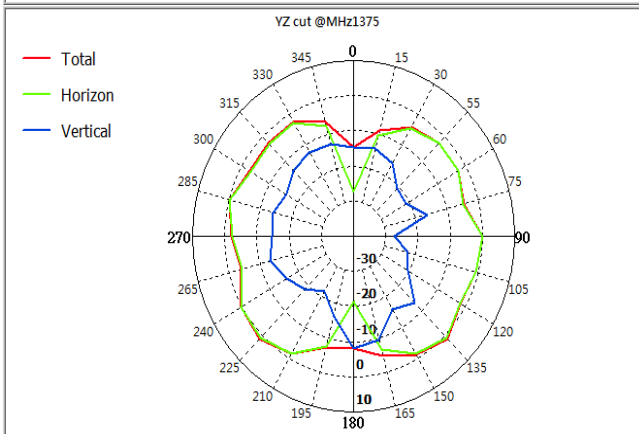
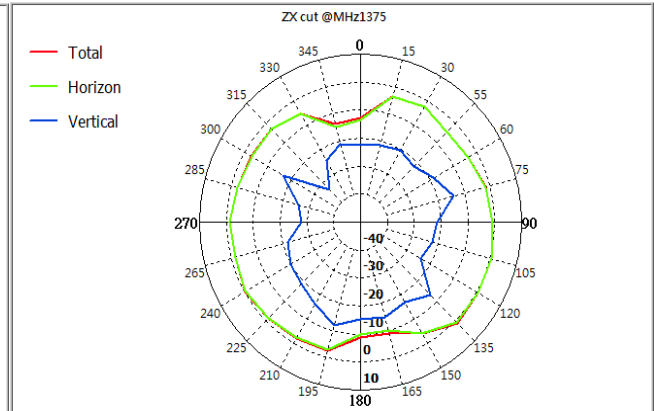
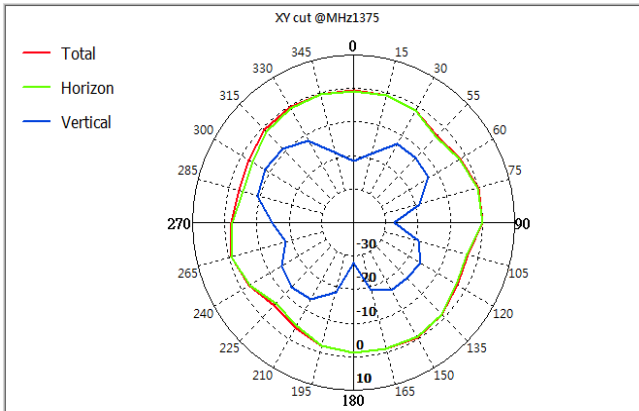


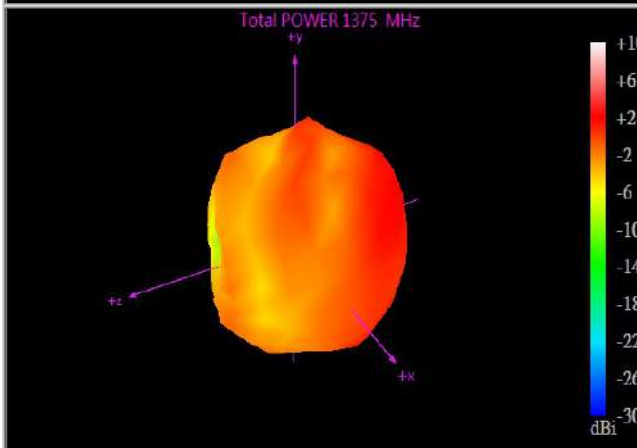
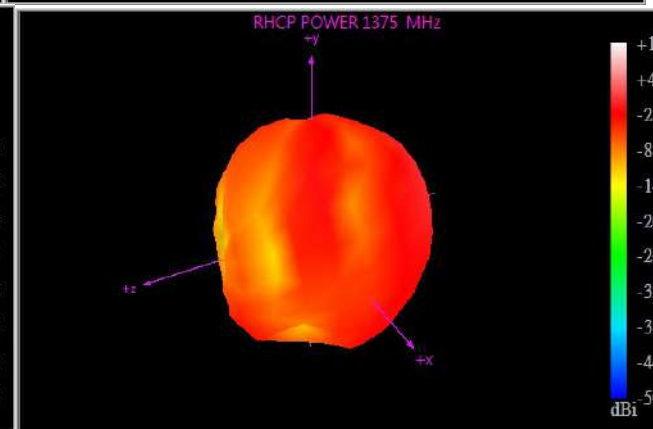
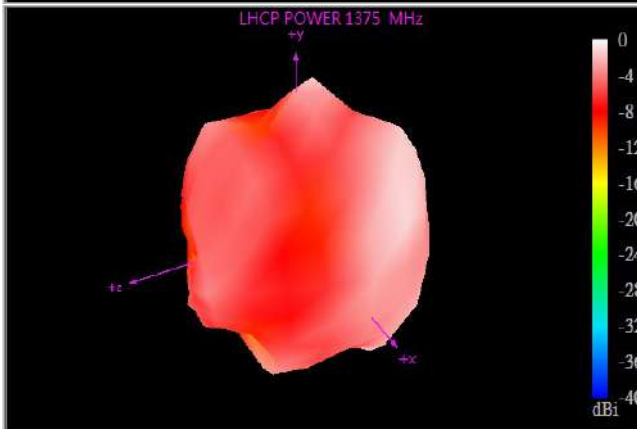
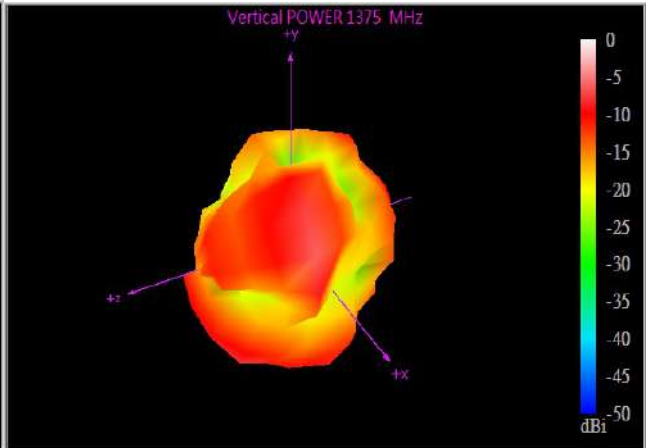
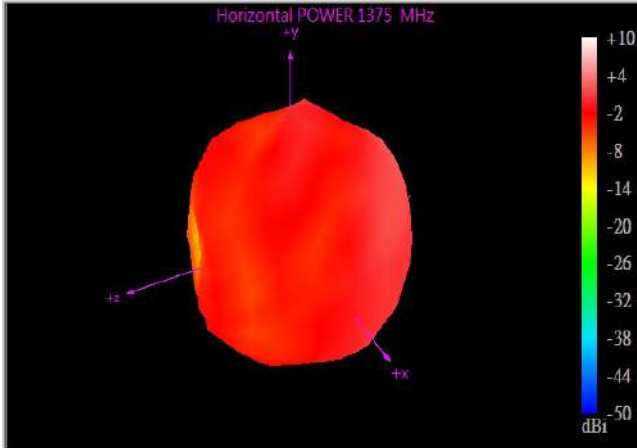
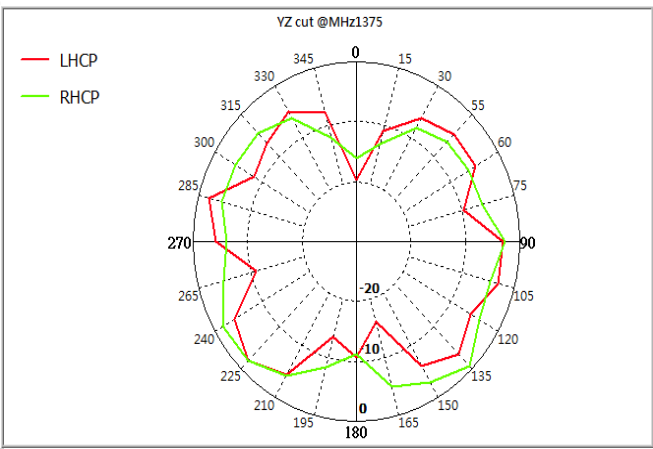
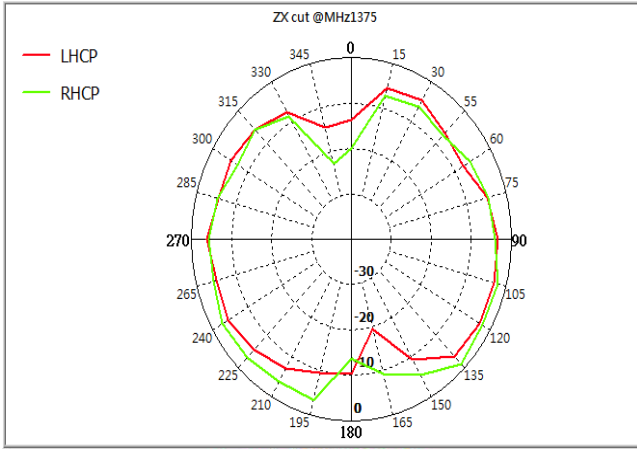
1350Mhz:



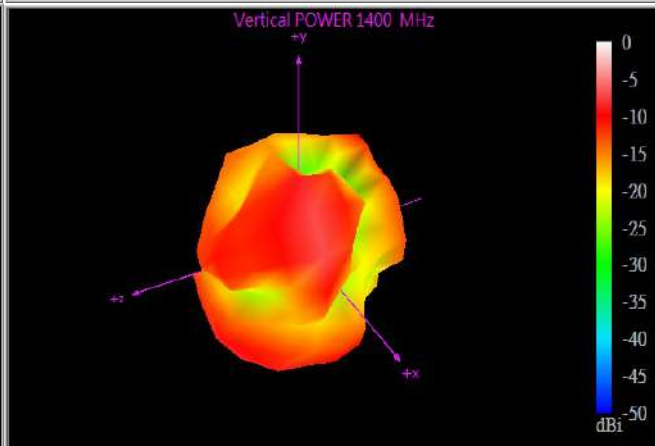
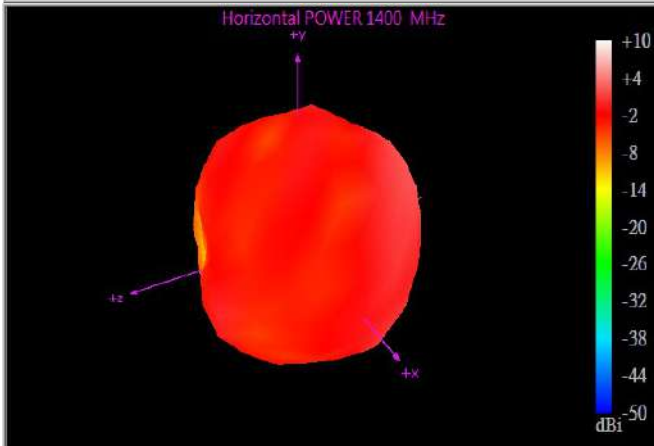
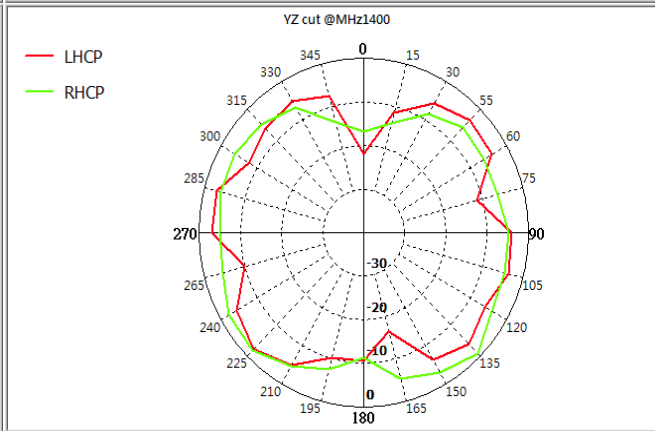
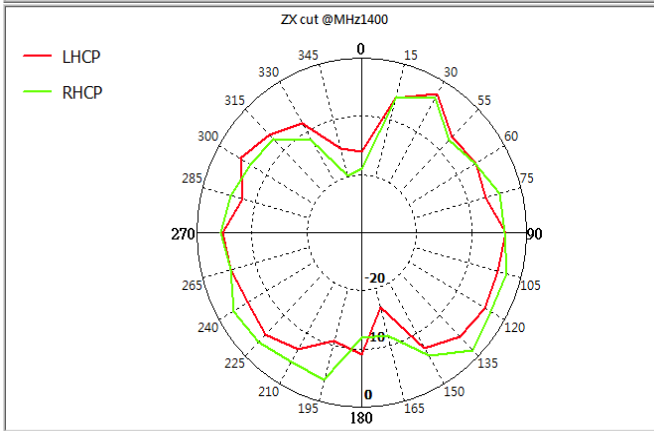
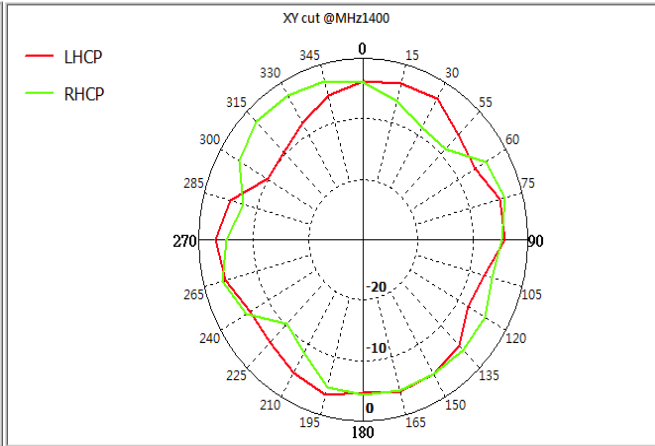
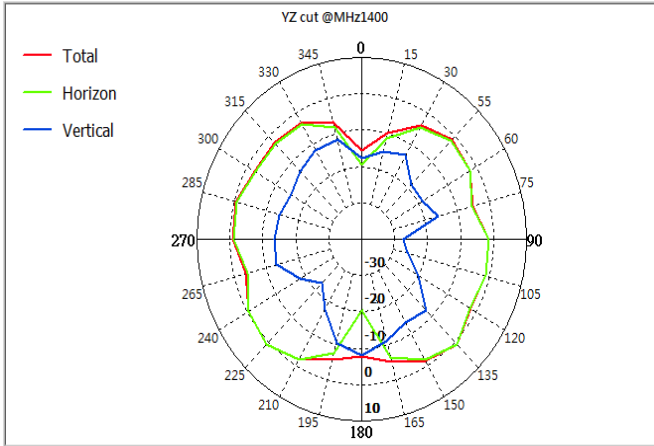
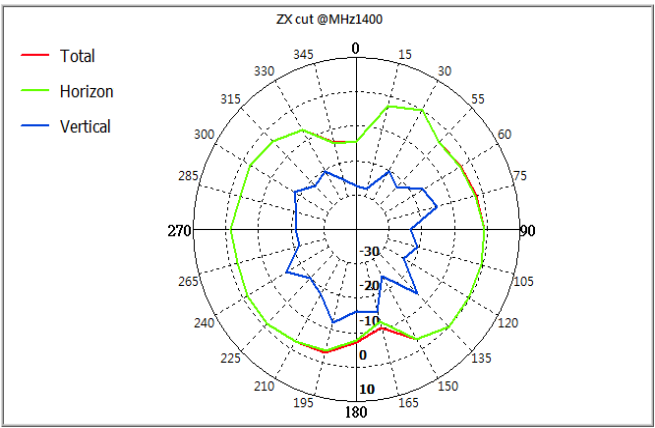
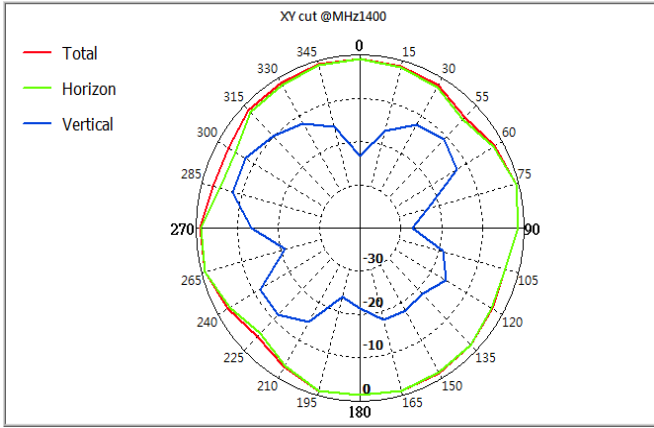


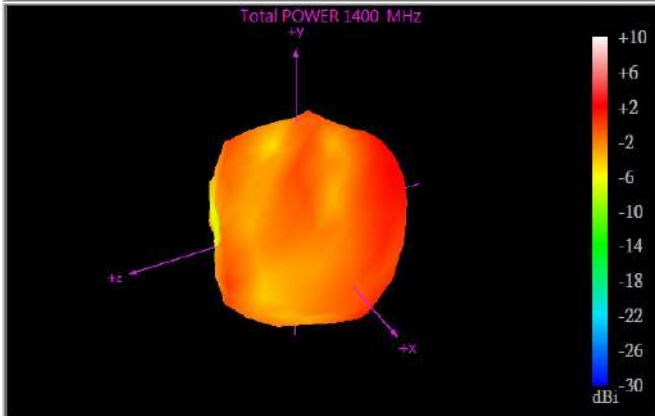
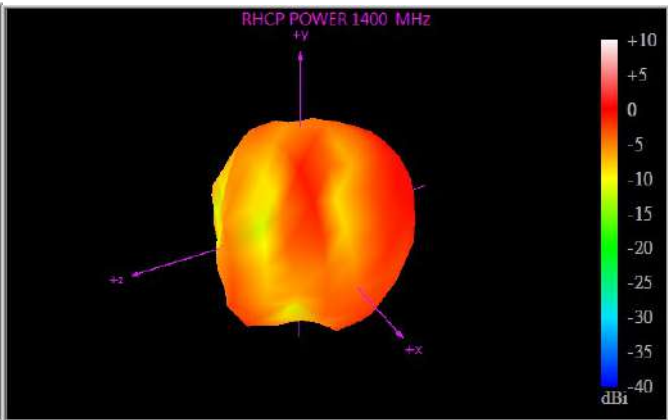
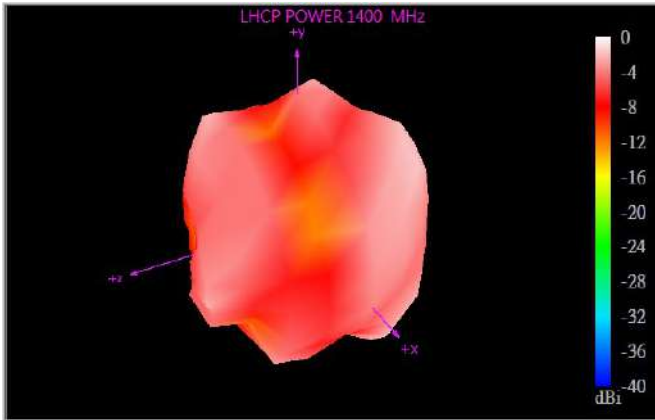
1375Mhz:



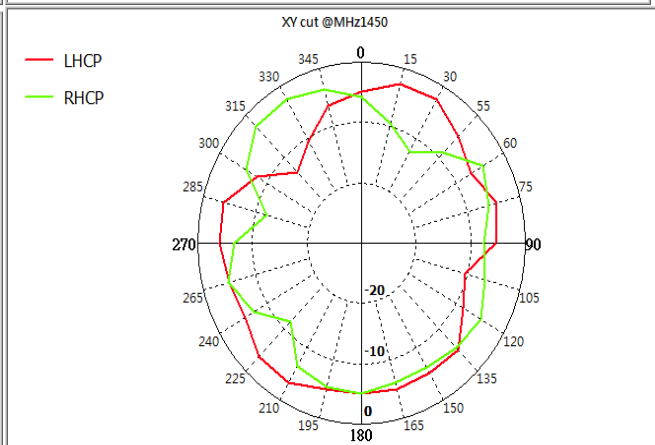
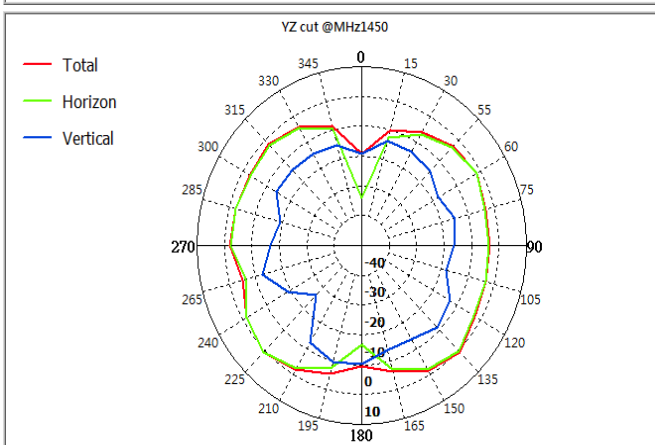
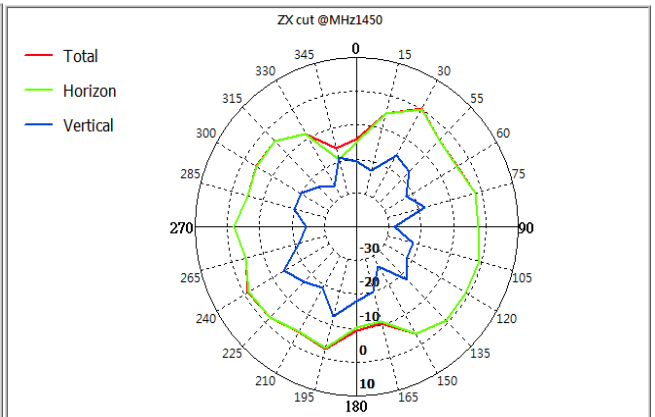
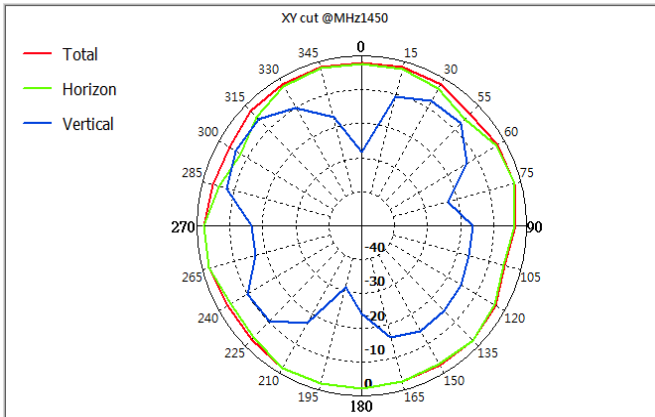


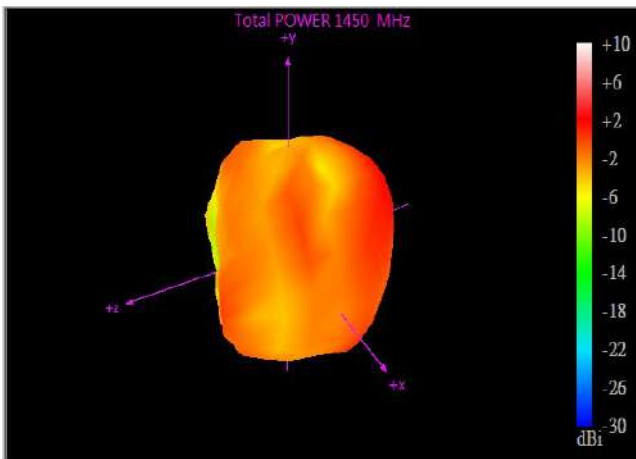
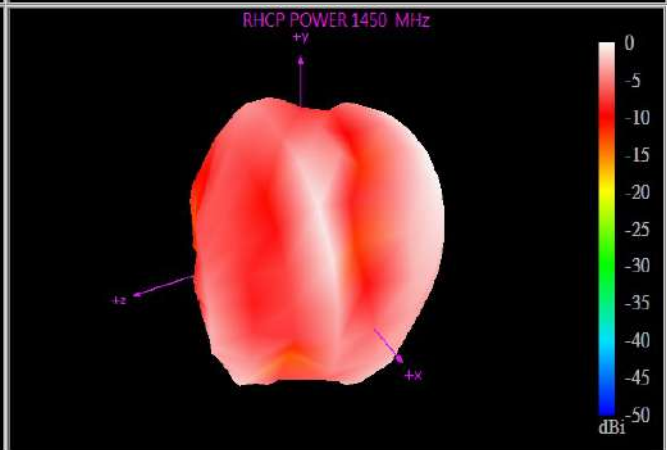
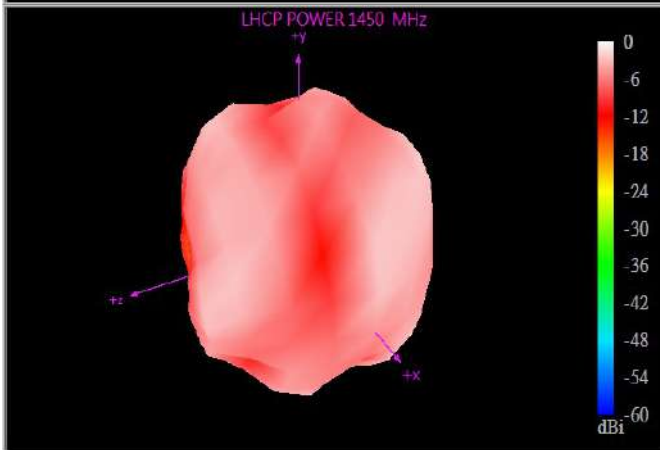
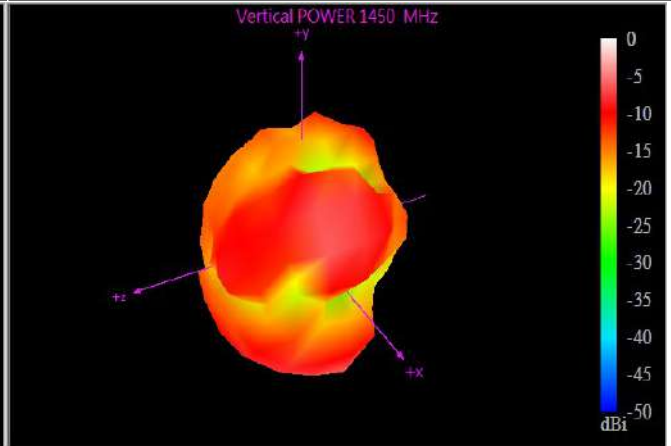
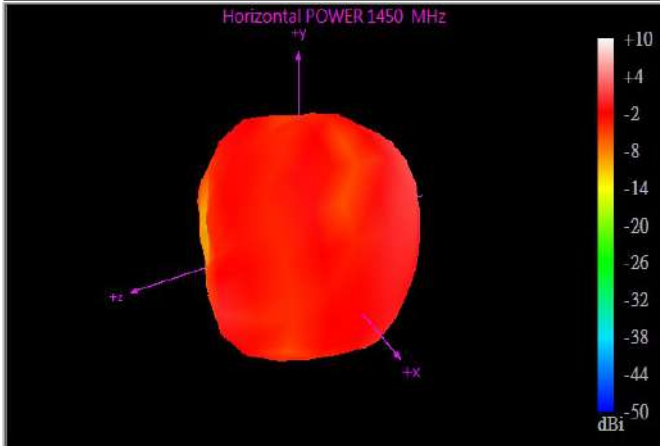
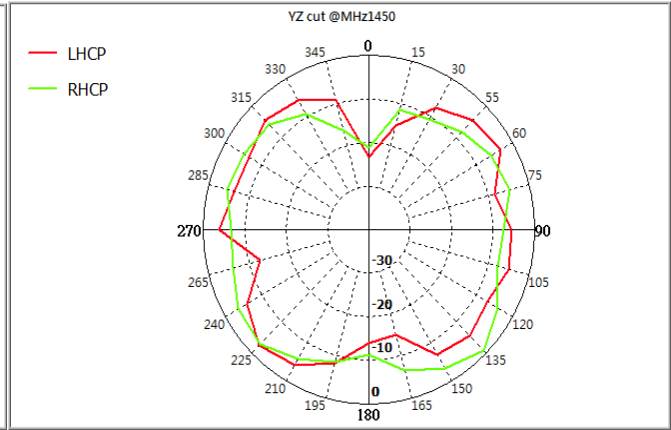
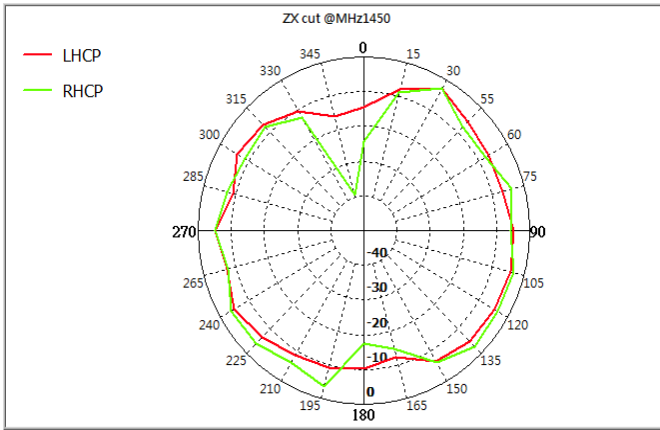
1400Mhz:





1450MHz:





1500Mhz:

