

900Mhz & 2.4G Dual Band Gooseneck Antenna

MODEL: TH-9024B-TNC(M)



1. GENERAL DESCRIPTION

Model No	P/N
TH-9024B	TH9024B-TNC(M)

Below is a table summarizing the antenna design specification.

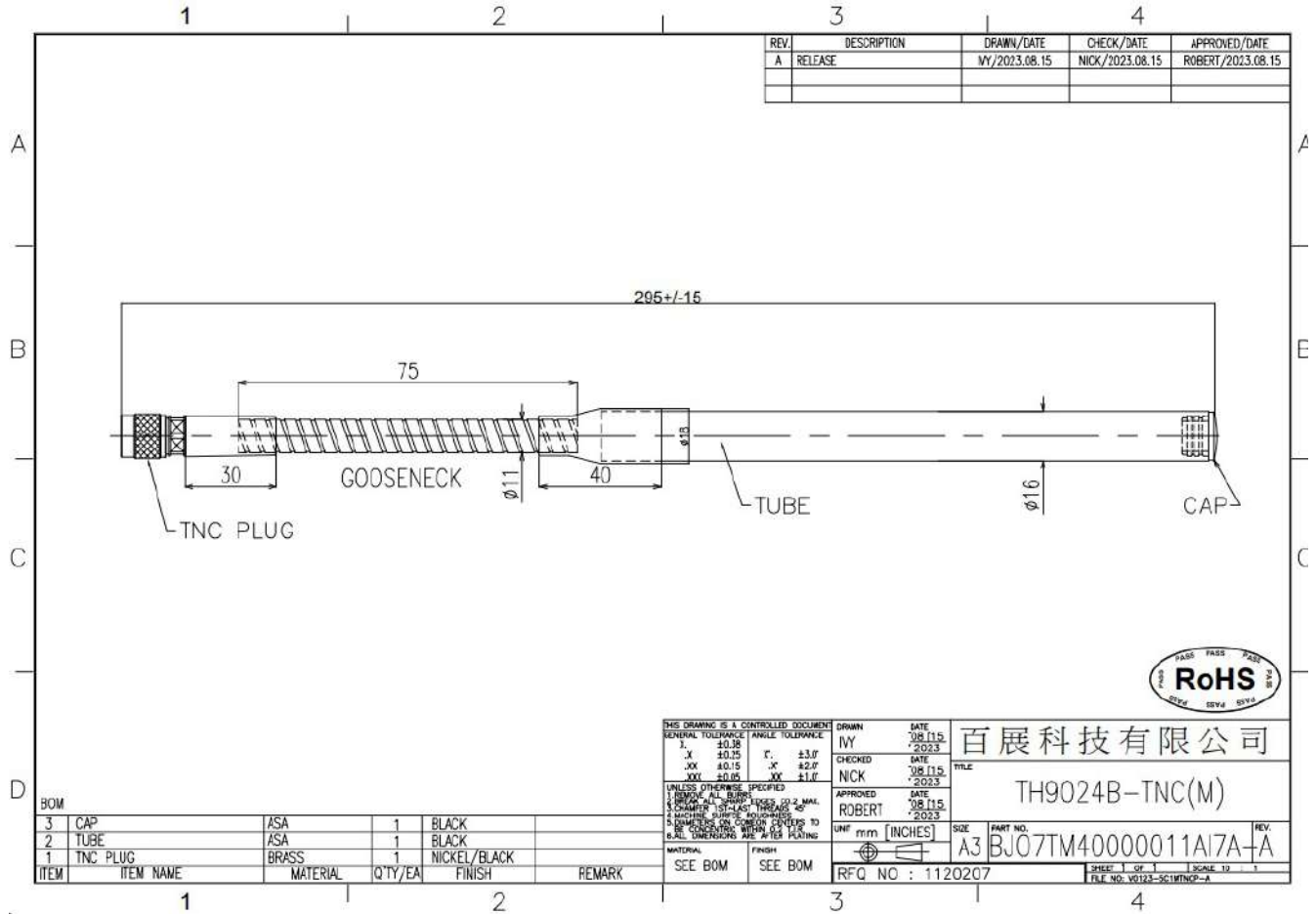
1.1 Electrical Properties

Parameter	Description
Frequency Band	902~928 MHz & 2.4~2.5Ghz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Gain	3db

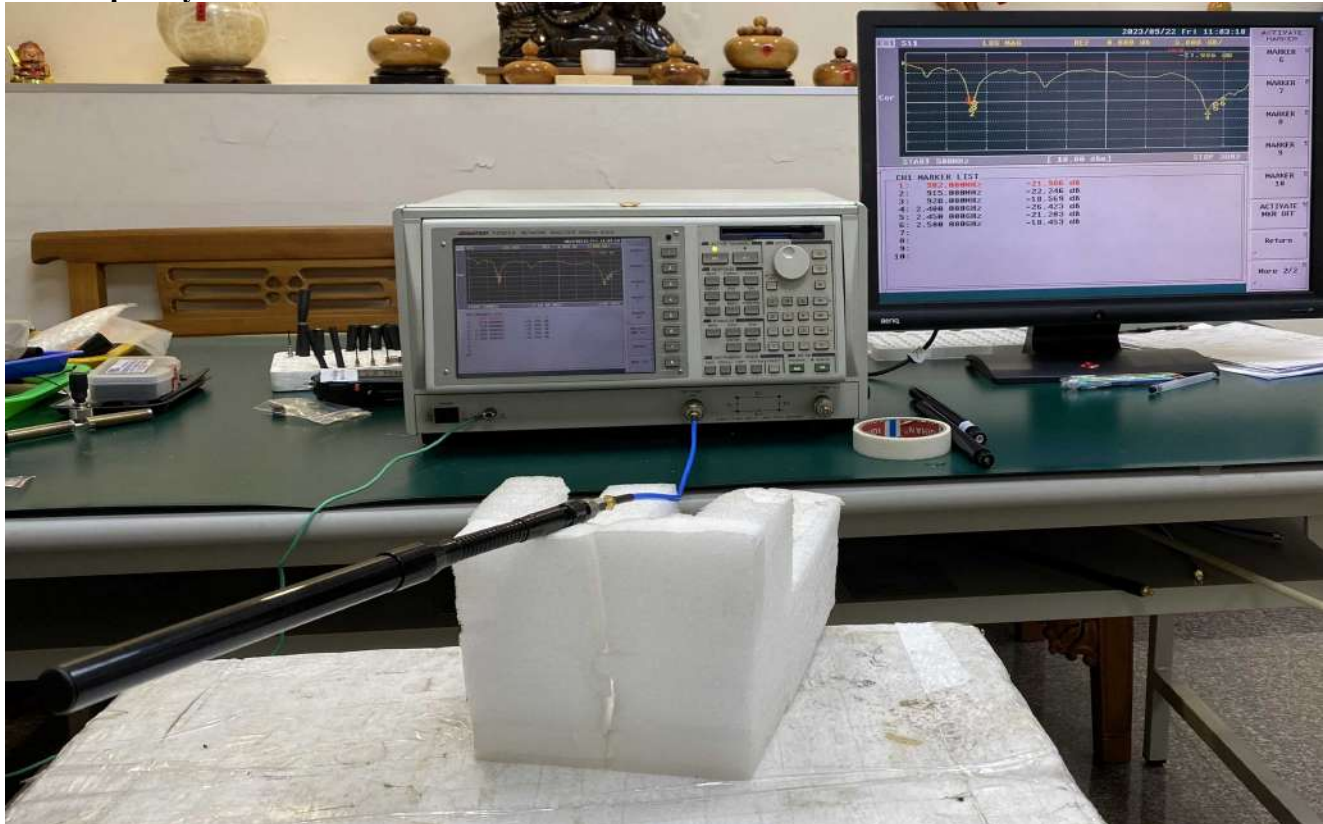
1.2 Mechanical Properties

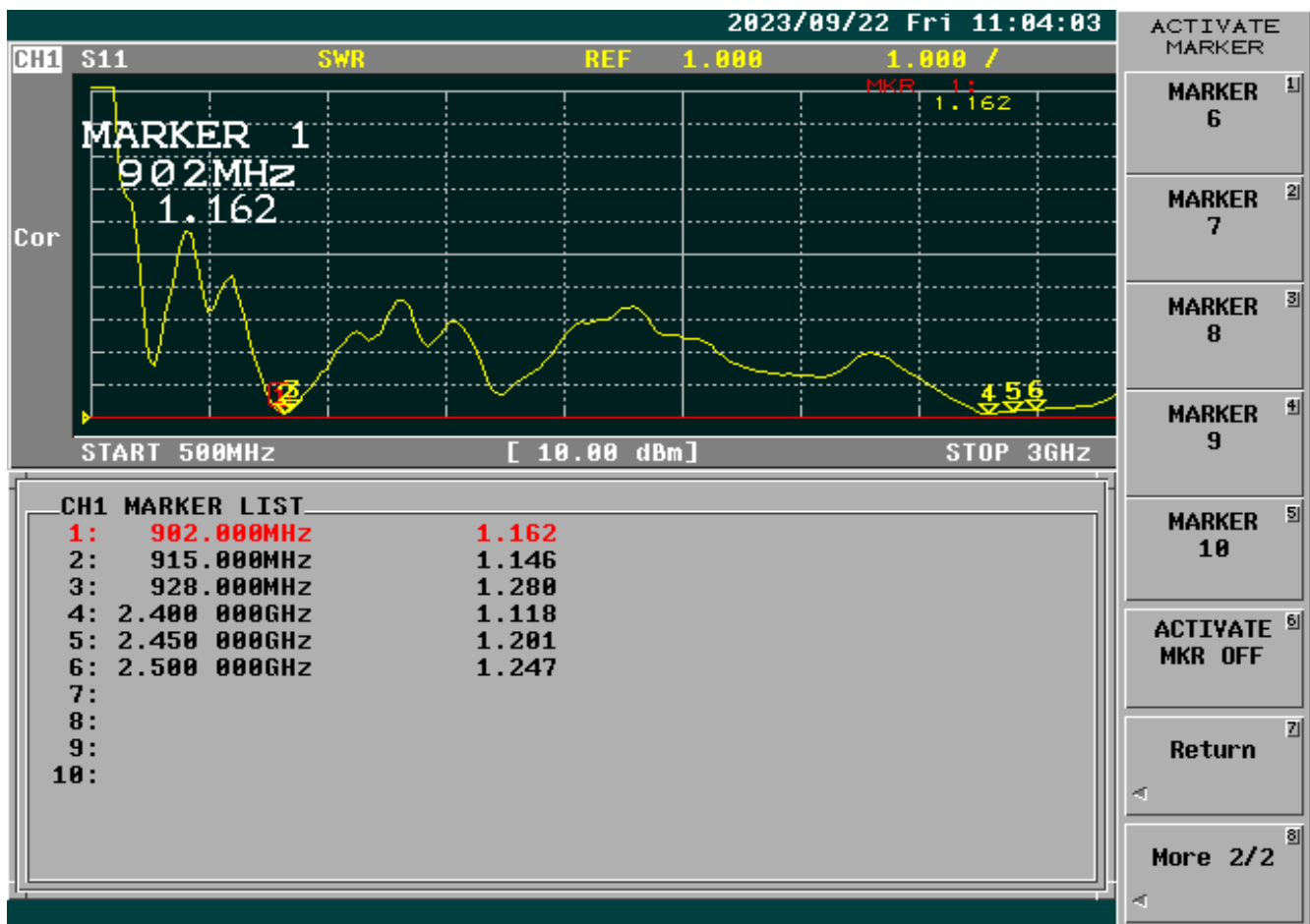
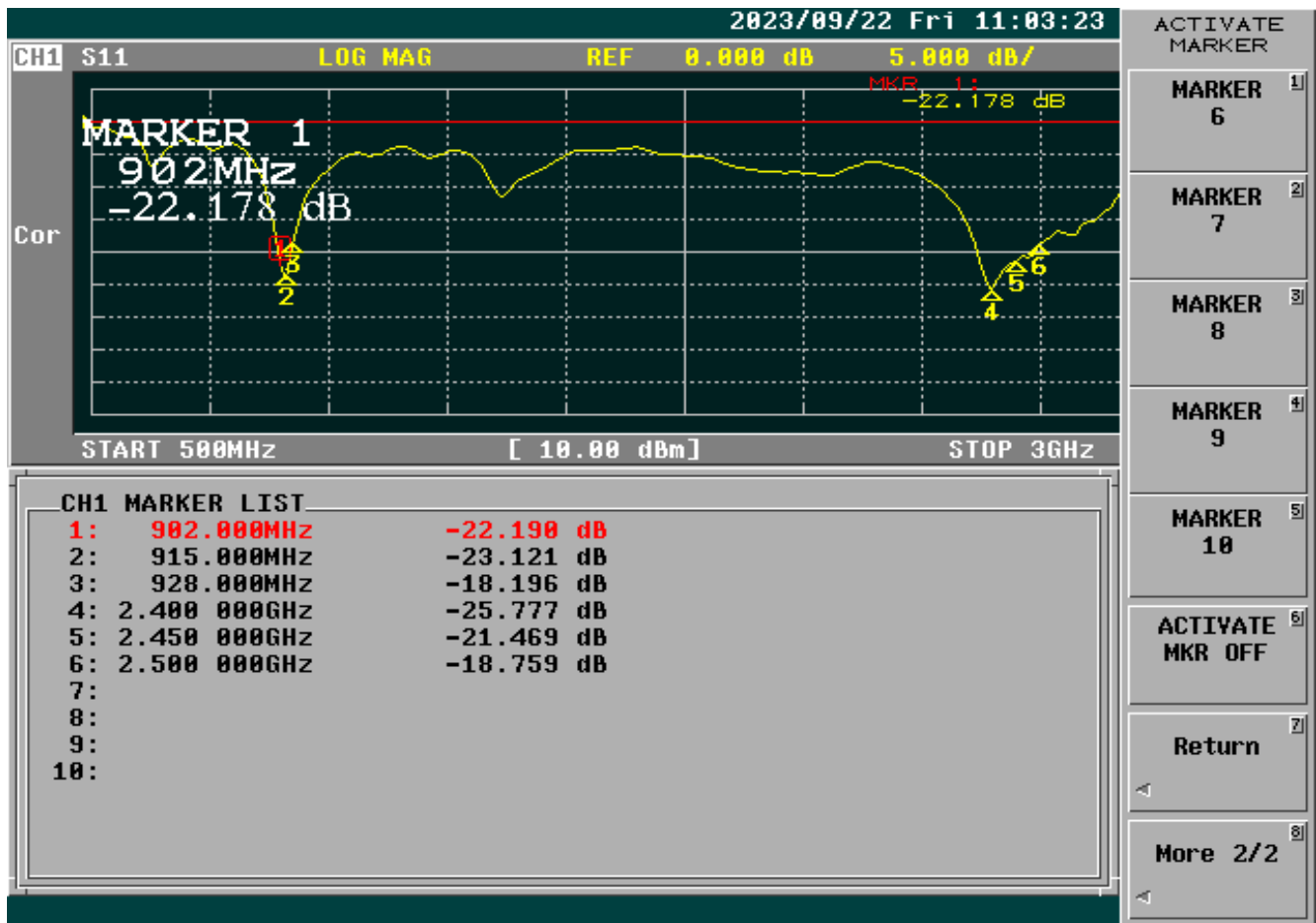
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	TNC(Male)
Antenna Dimensions	295mm \pm 15
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C

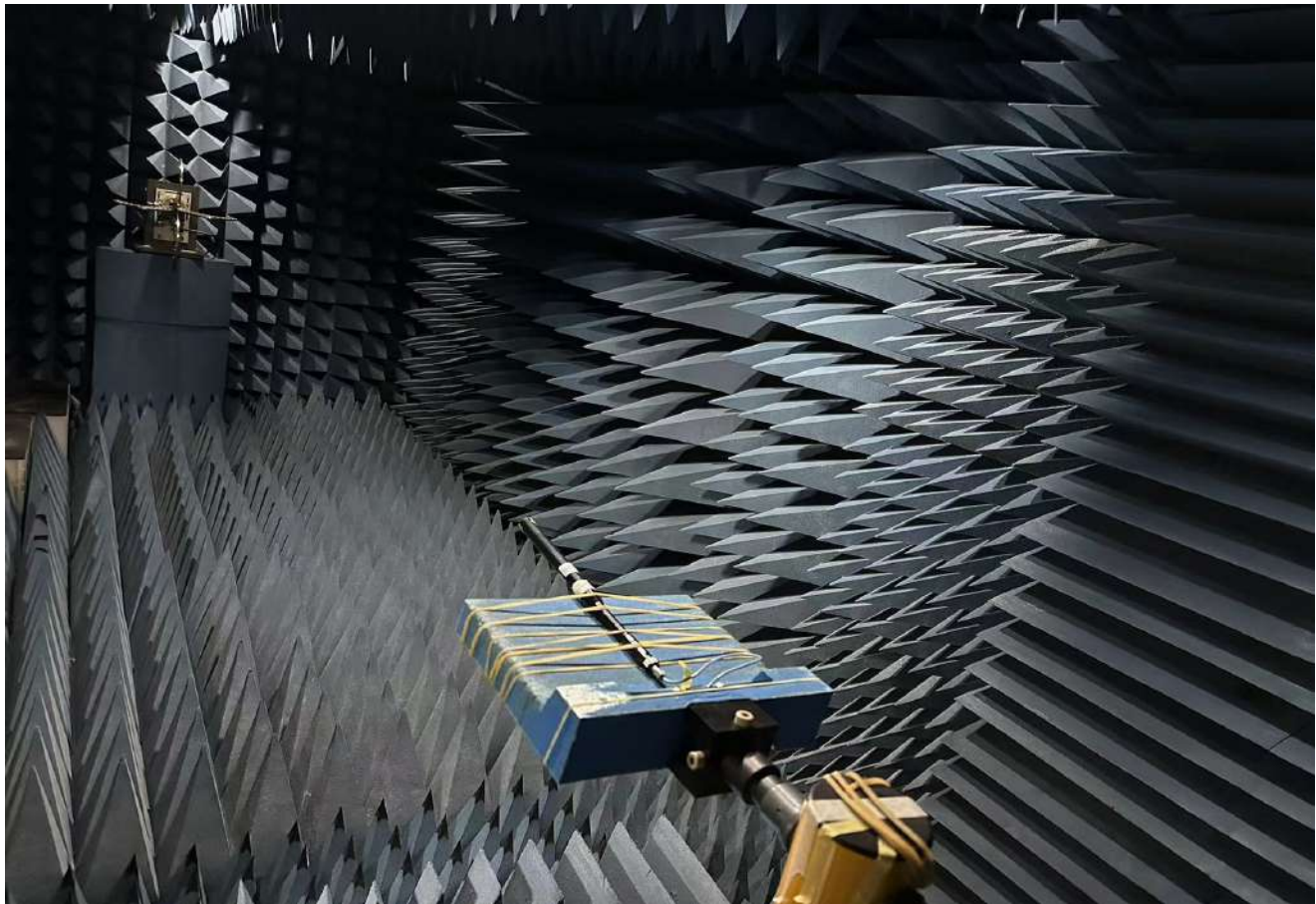
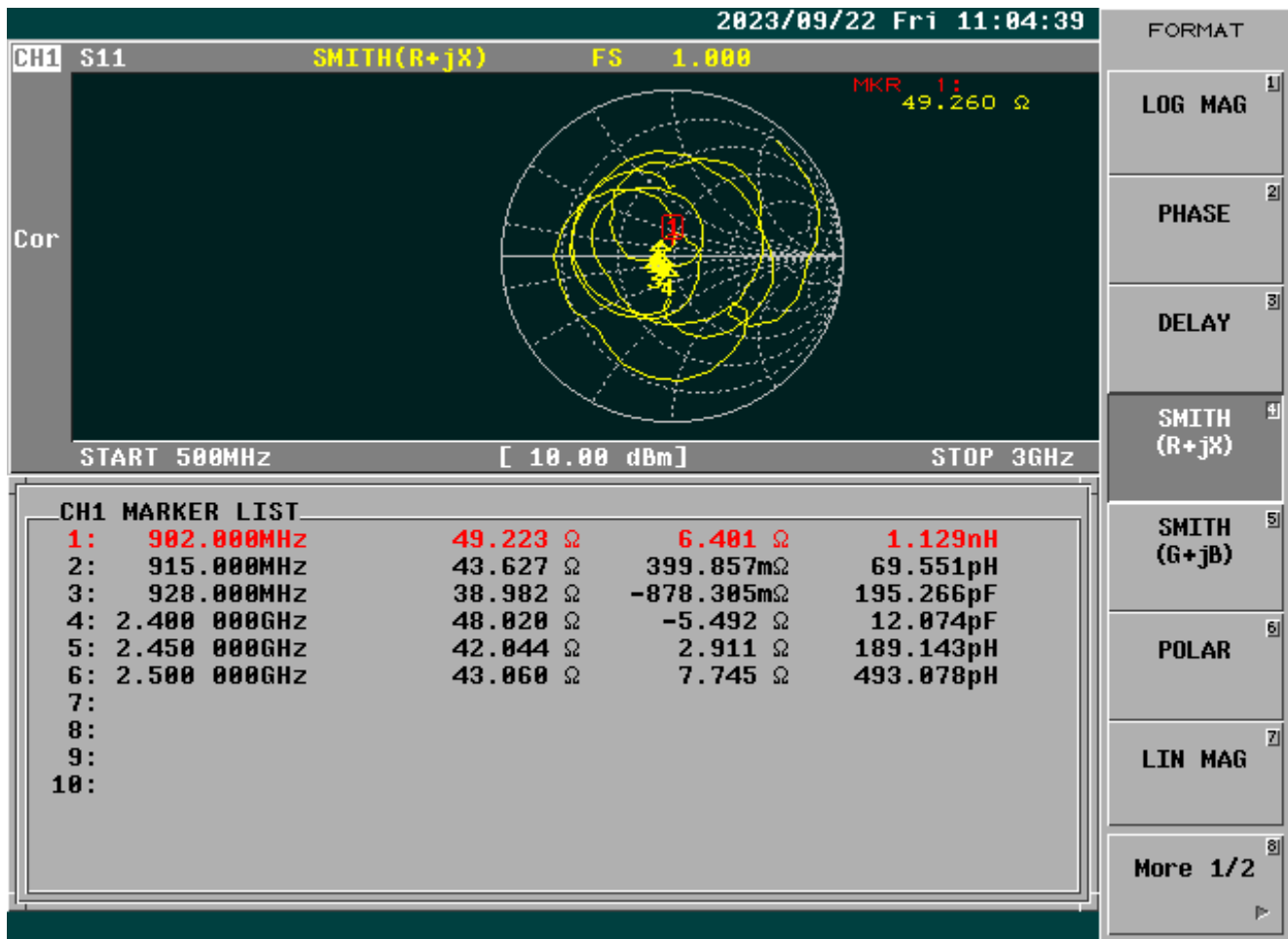
2. Appearance



3. Frequency



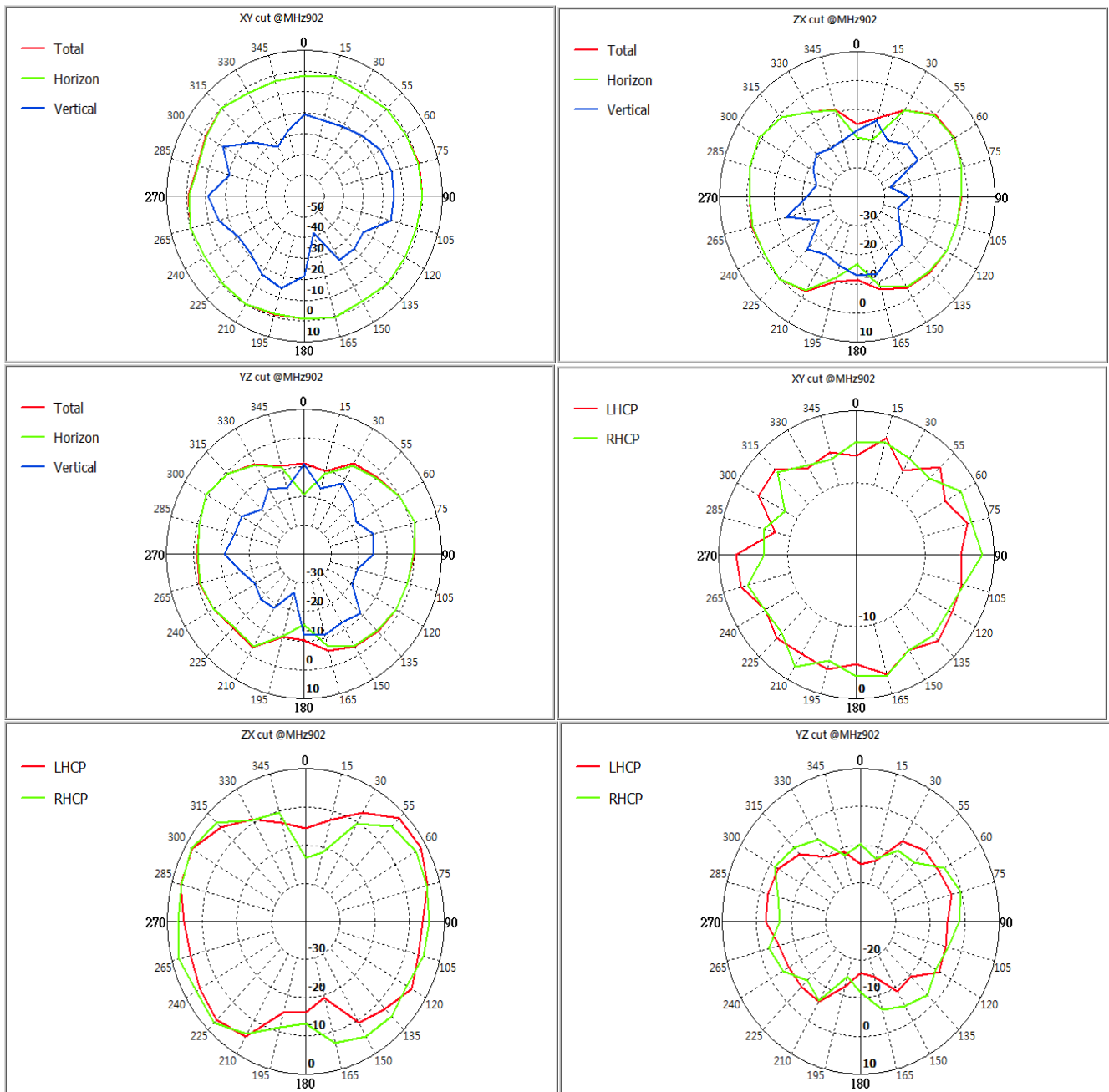


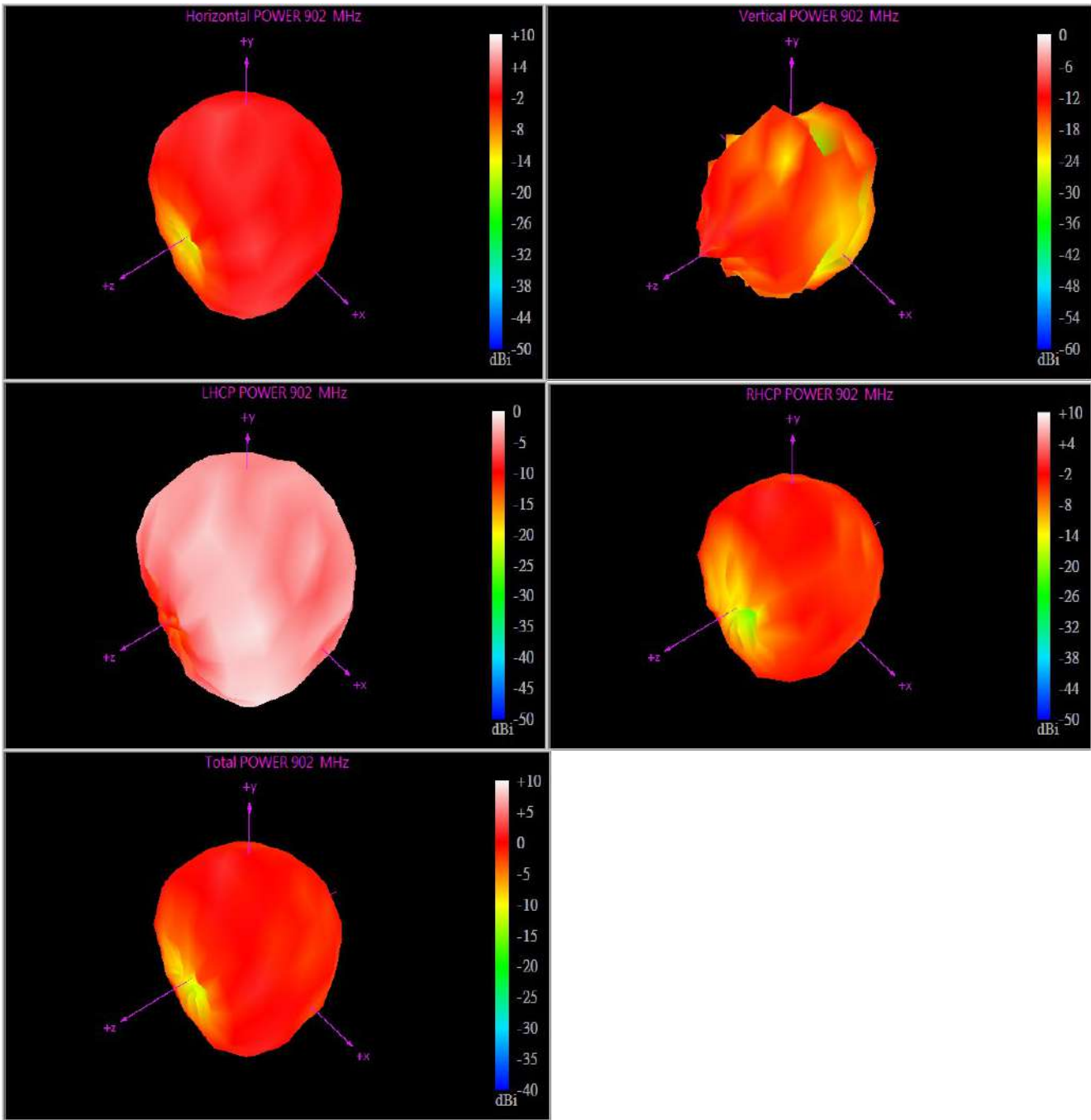


3D Total

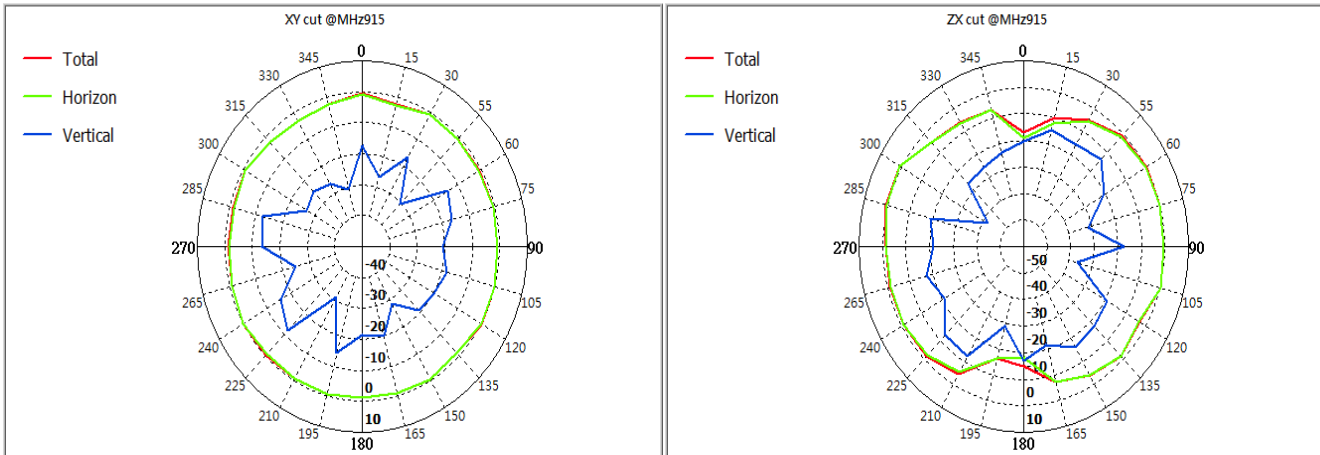
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
902 MHz	-4.17	-5.11	-1.61	69.07	1.83	-1.61
915 MHz	-4.11	-5.00	-1.52	70.42	2.15	-1.52
928 MHz	-4.13	-4.66	-1.37	72.91	2.37	-1.37
930 MHz	-4.03	-4.69	-1.34	73.46	2.06	-1.34
2300 MHz	-5.59	-6.61	-3.06	49.43	2.93	-3.06
2350 MHz	-4.98	-5.82	-2.37	57.96	2.89	-2.37
2400 MHz	-5.09	-5.87	-2.46	56.81	2.84	-2.46
2450 MHz	-5.23	-6.04	-2.60	54.94	2.09	-2.60
2500 MHz	-5.12	-5.74	-2.41	57.45	3.13	-2.41
2600 MHz	-4.95	-5.54	-2.22	59.94	3.69	-2.22

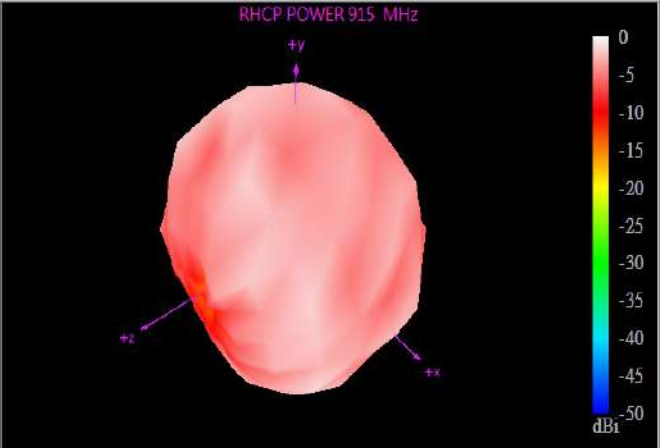
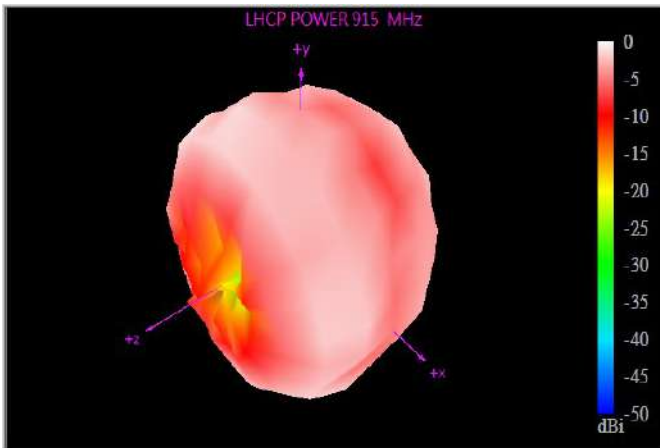
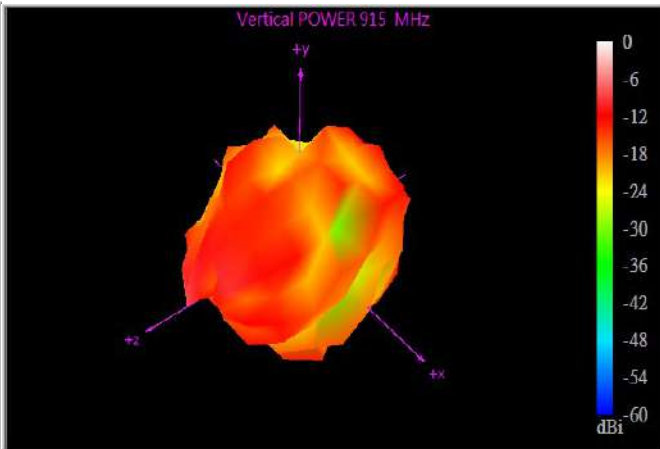
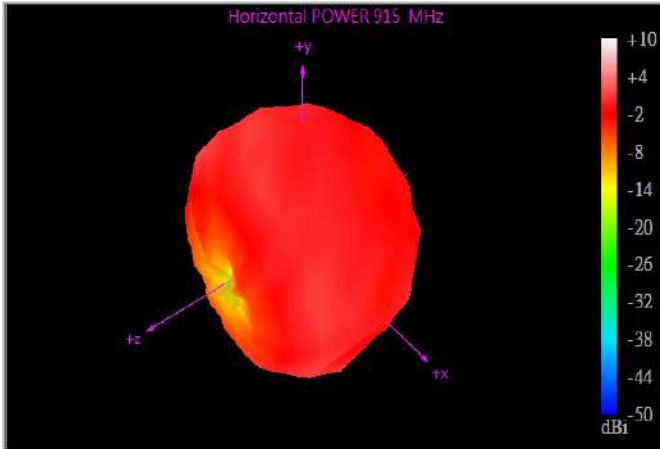
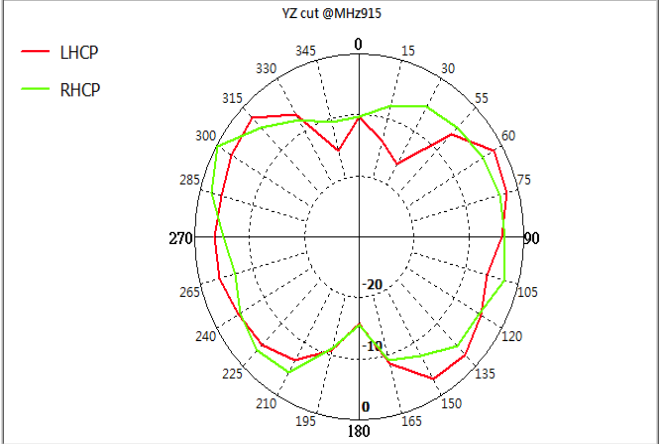
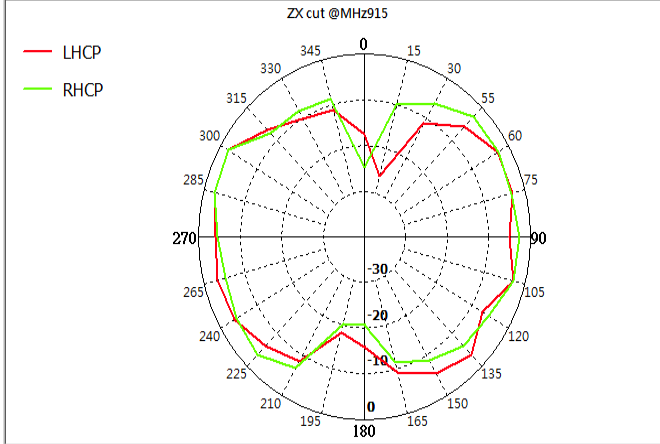
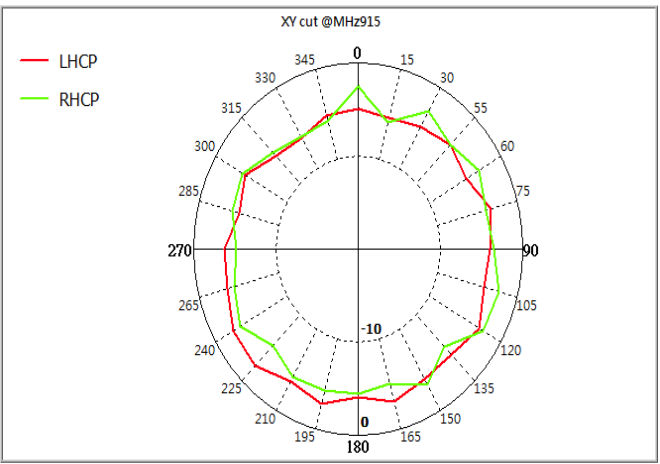
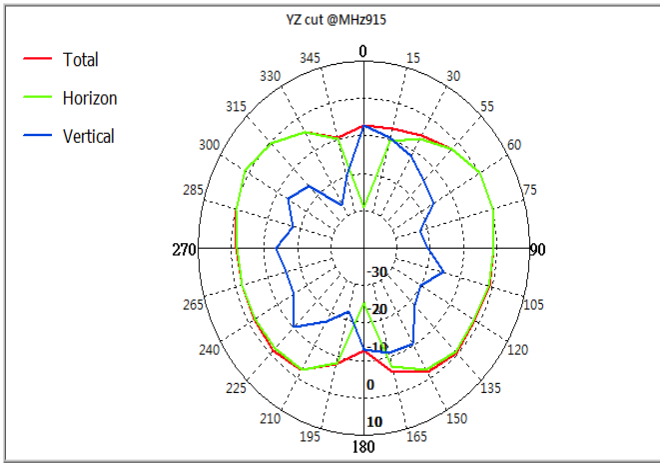
902MHz:

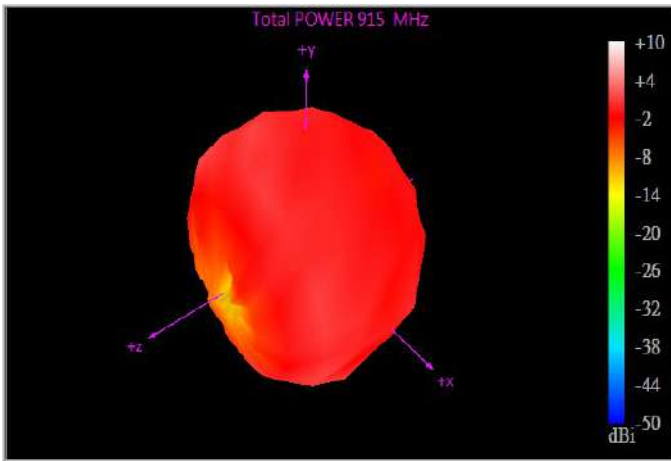




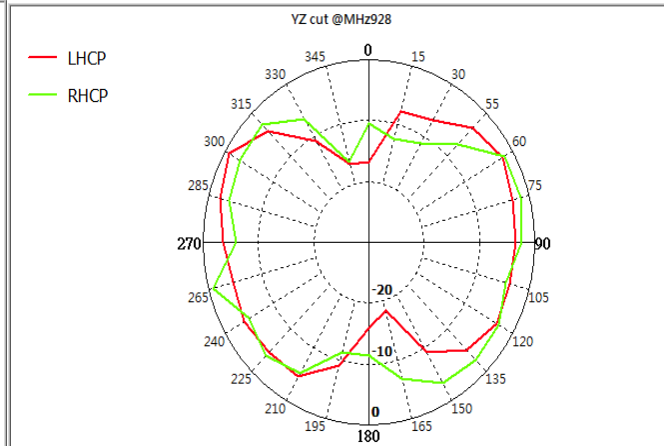
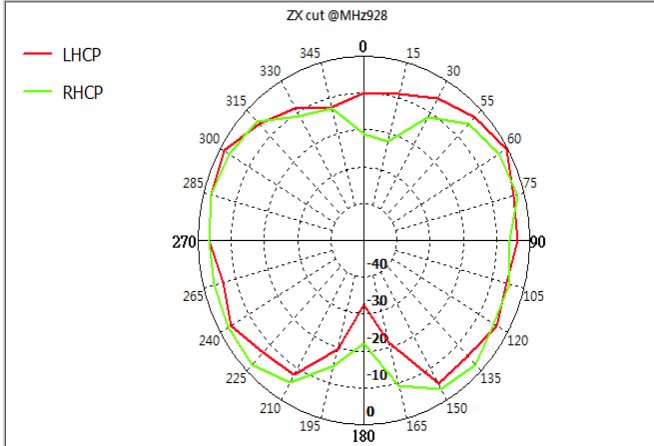
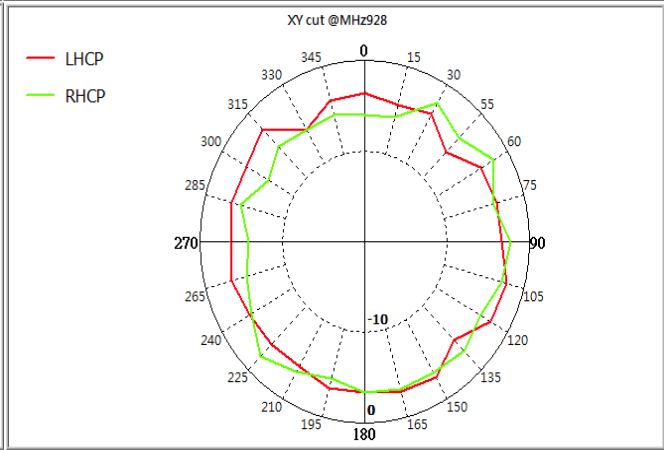
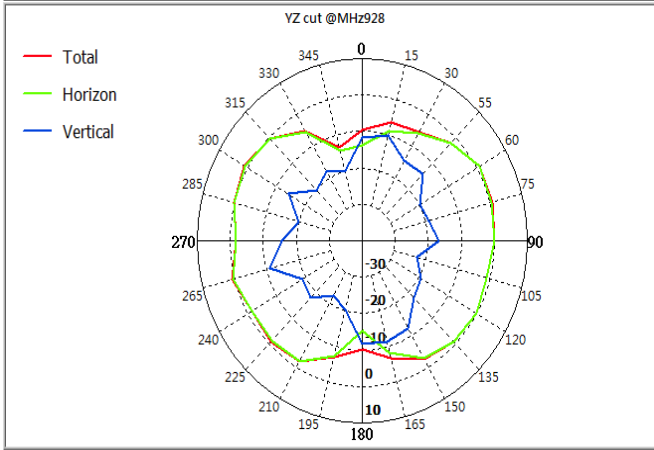
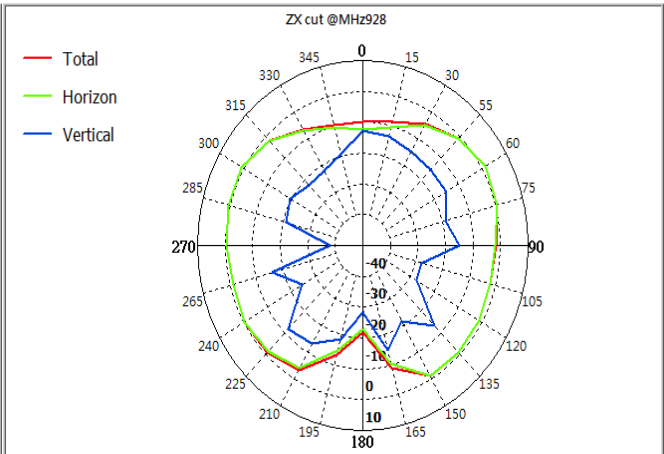
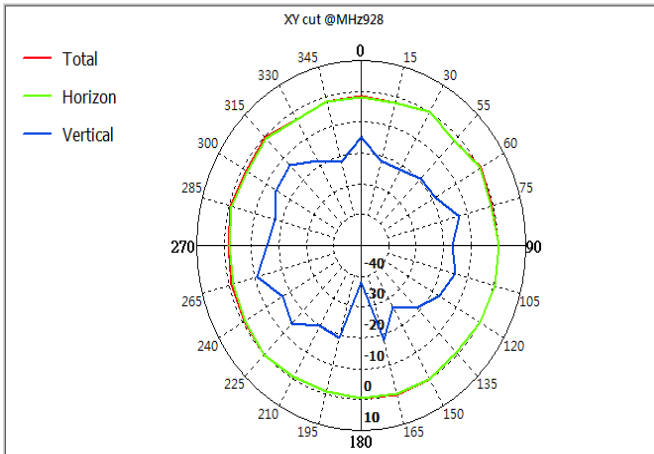
915Mhz:

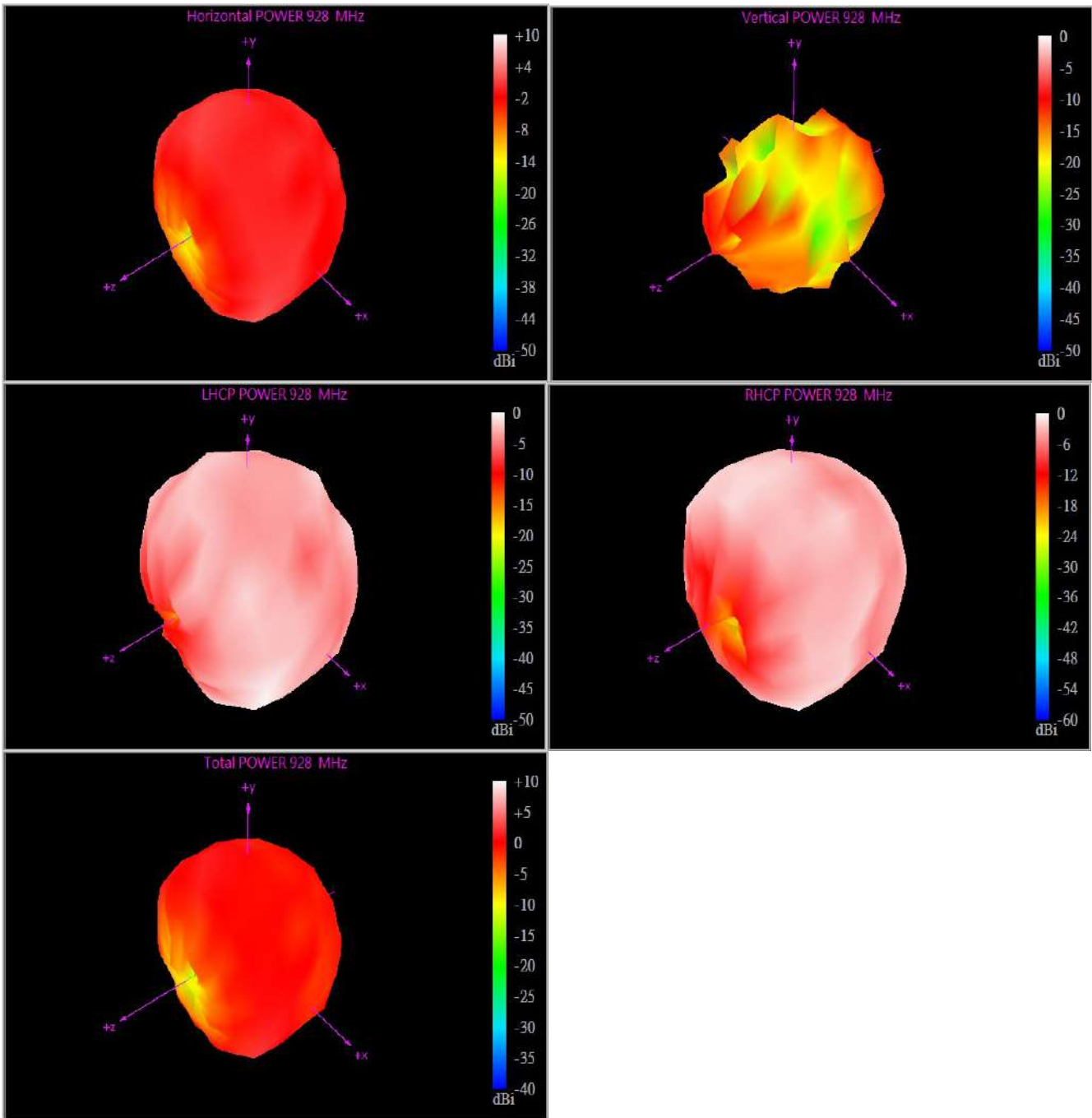




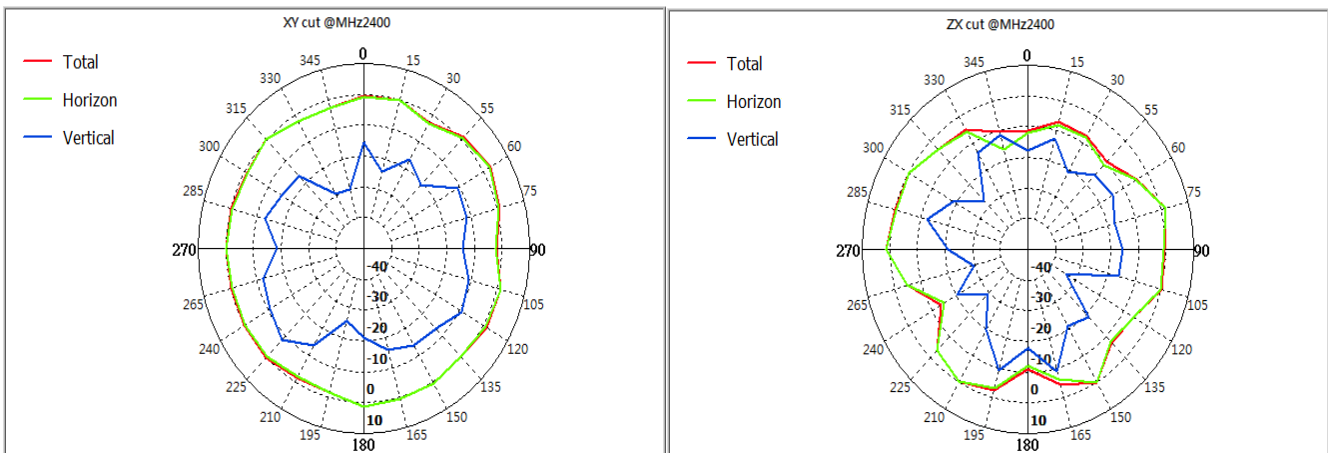


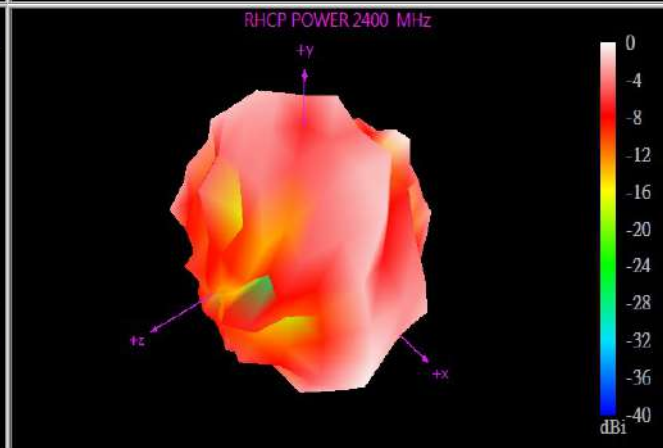
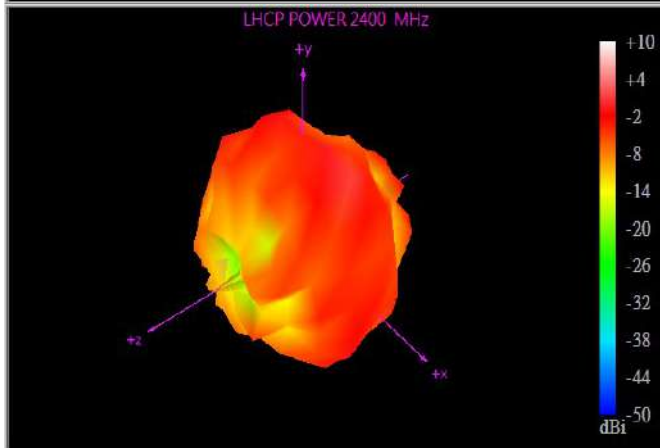
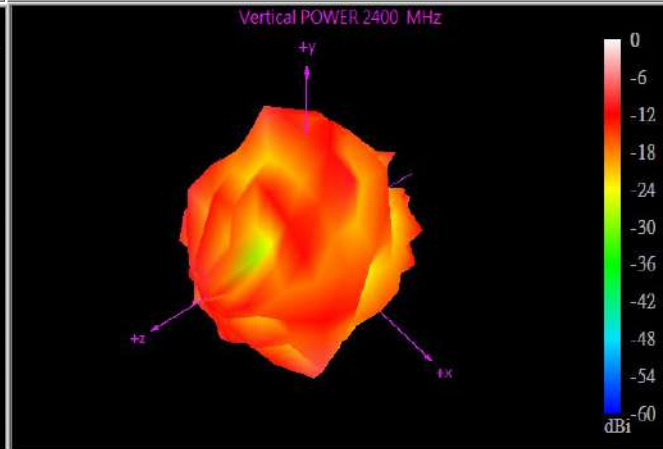
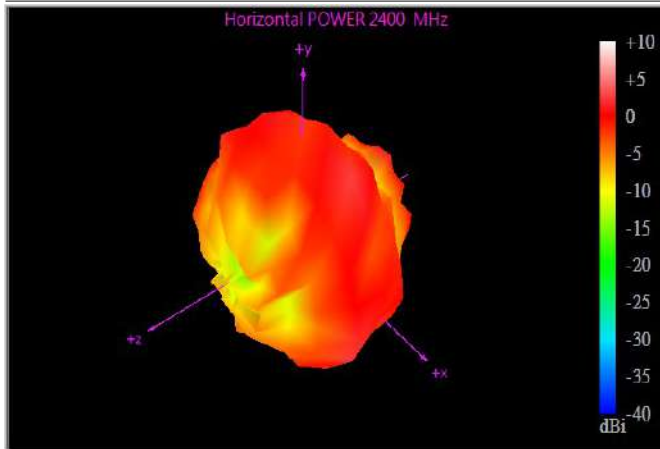
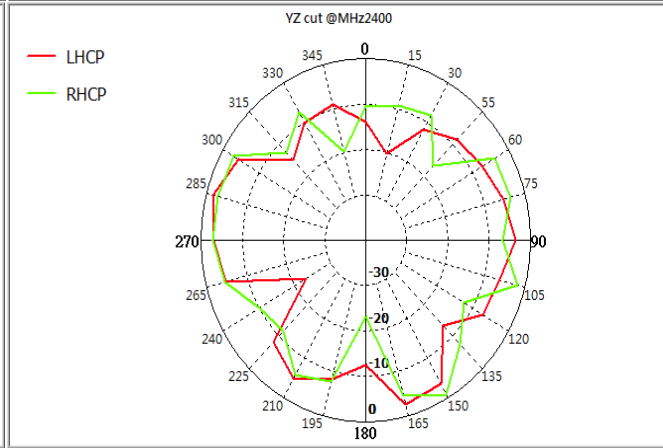
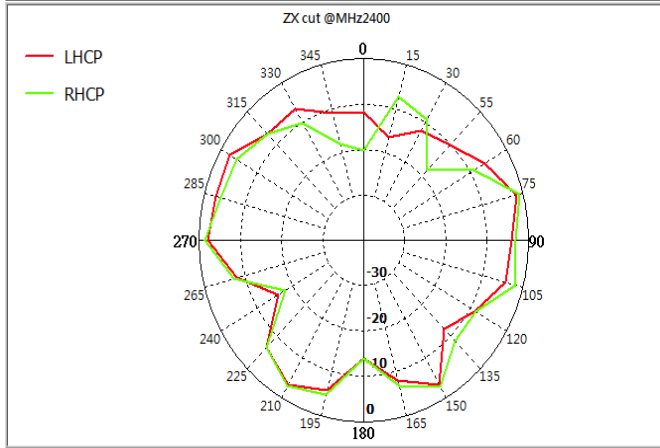
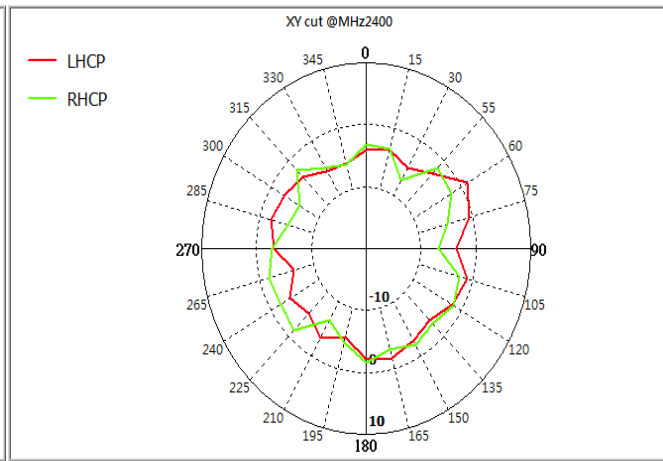
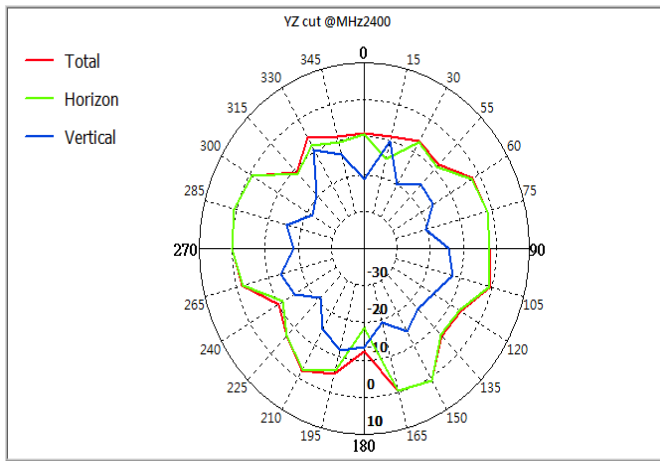
928Mhz:

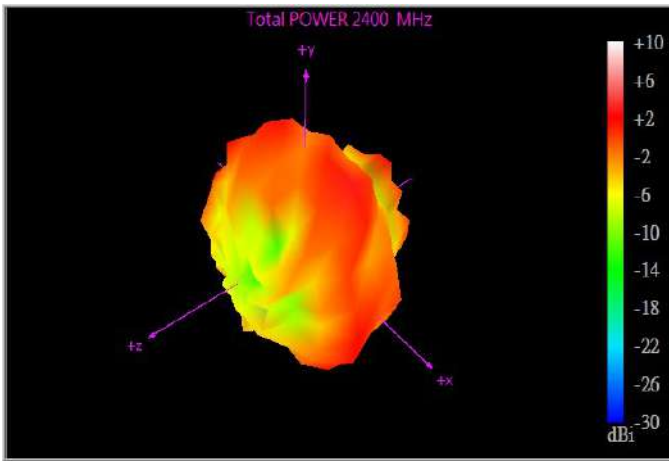




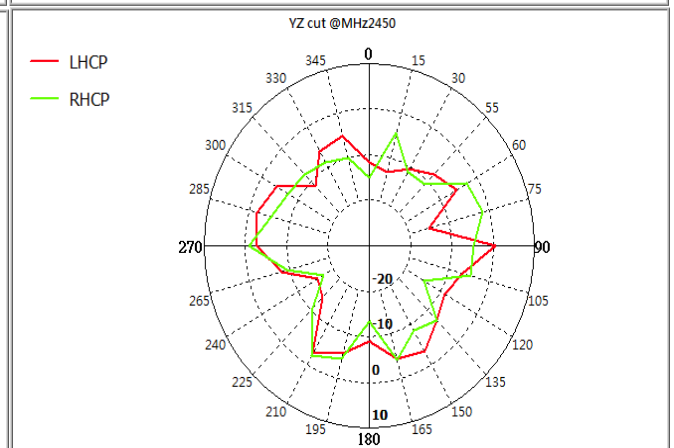
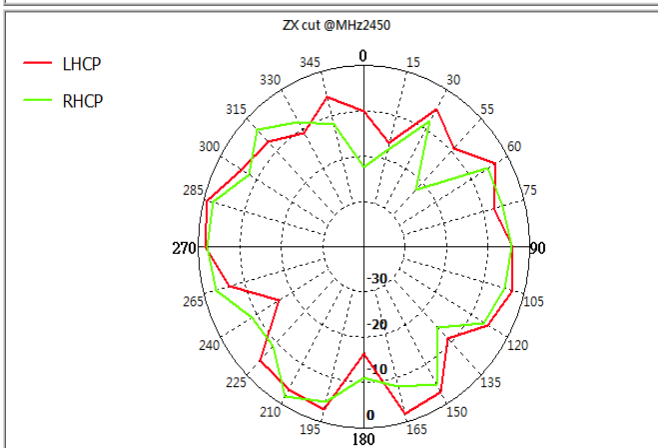
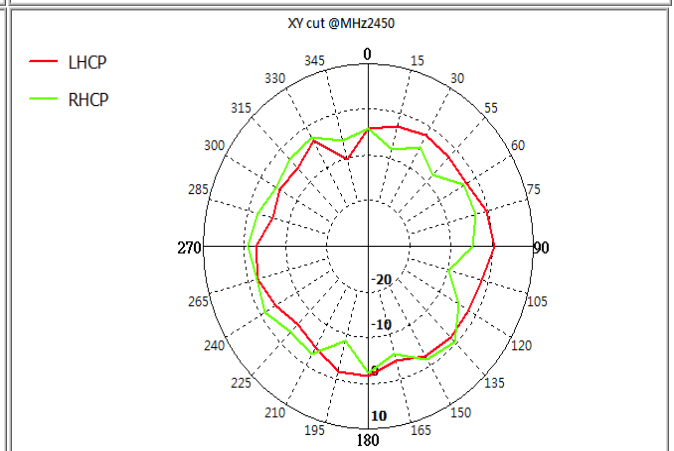
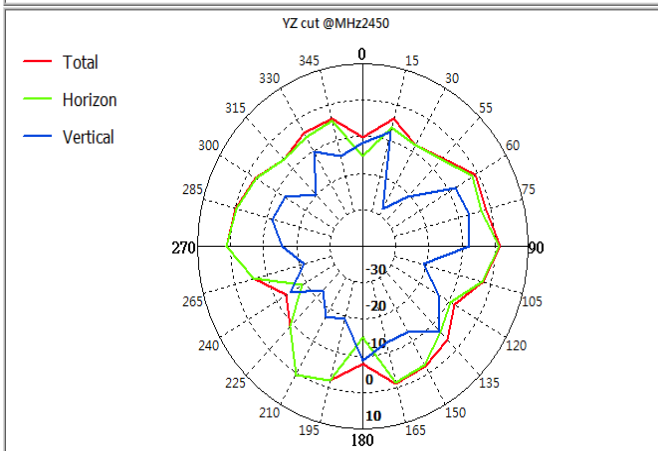
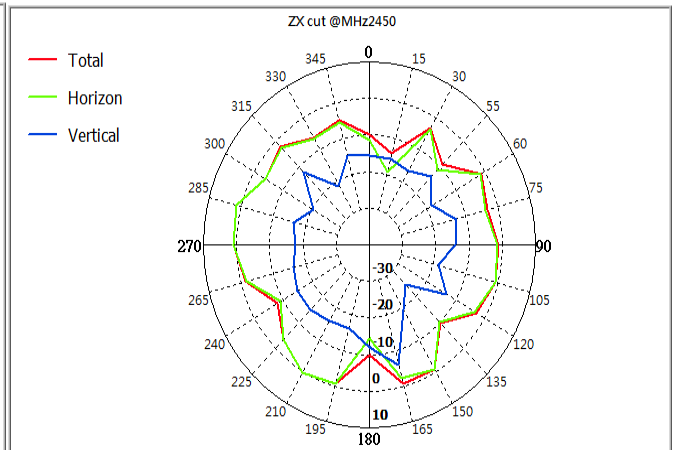
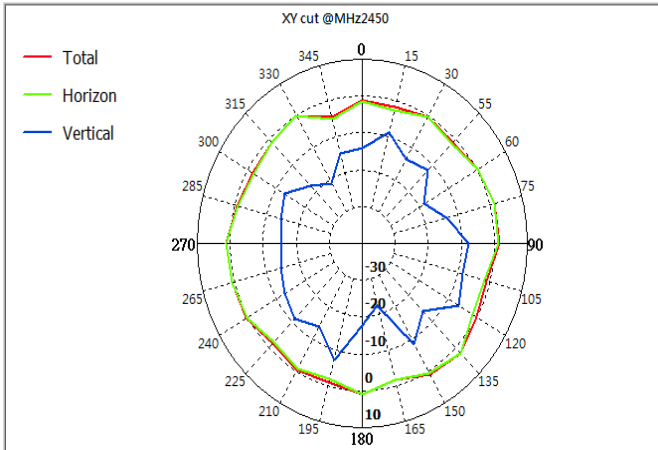
2.4Ghz:

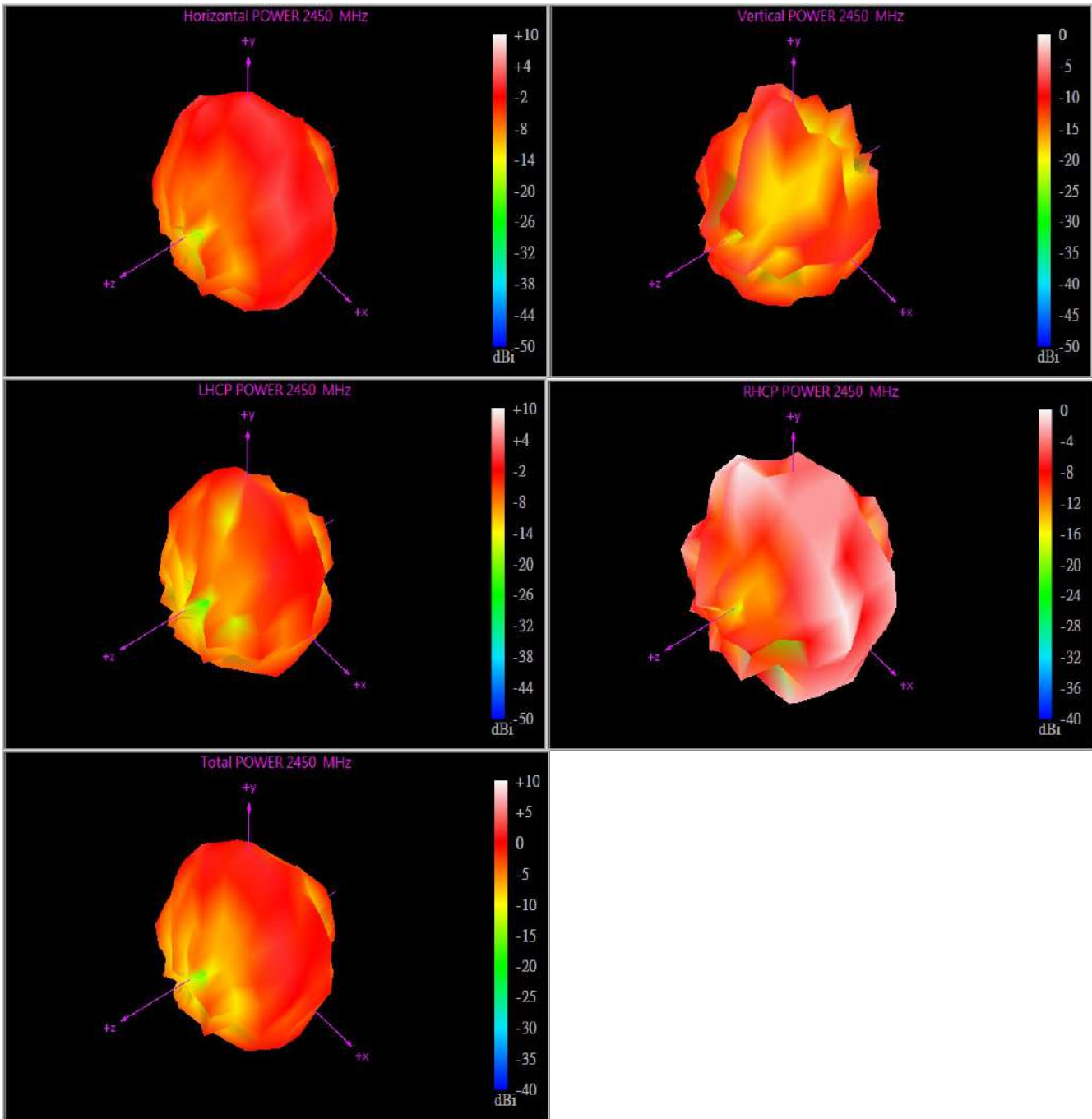






2.45Ghz:





2.5Ghz:

