

UHF ANTENNA

Model : TH900T

FOR RFID UHF & ISM & ZigBee



1. GENERAL DESCRIPTION

P/N
TH900T-SMA(F)

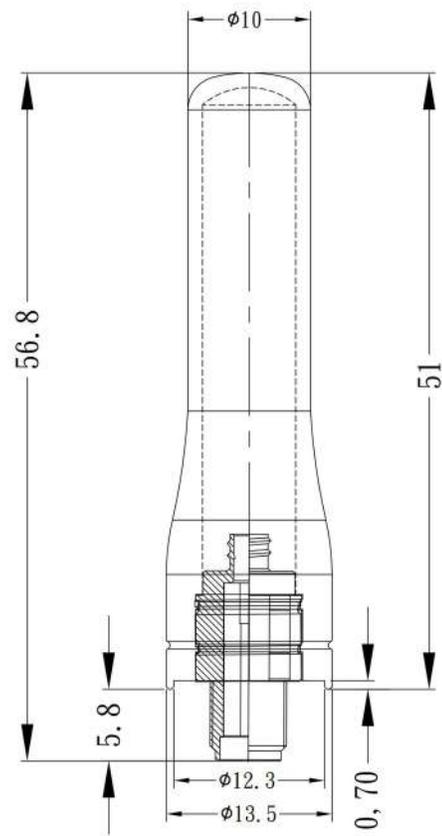
1.1 Electrica Properties

Parameter	Description
Frequency Band	868/902~928MHz (ON Customer Radio)
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1

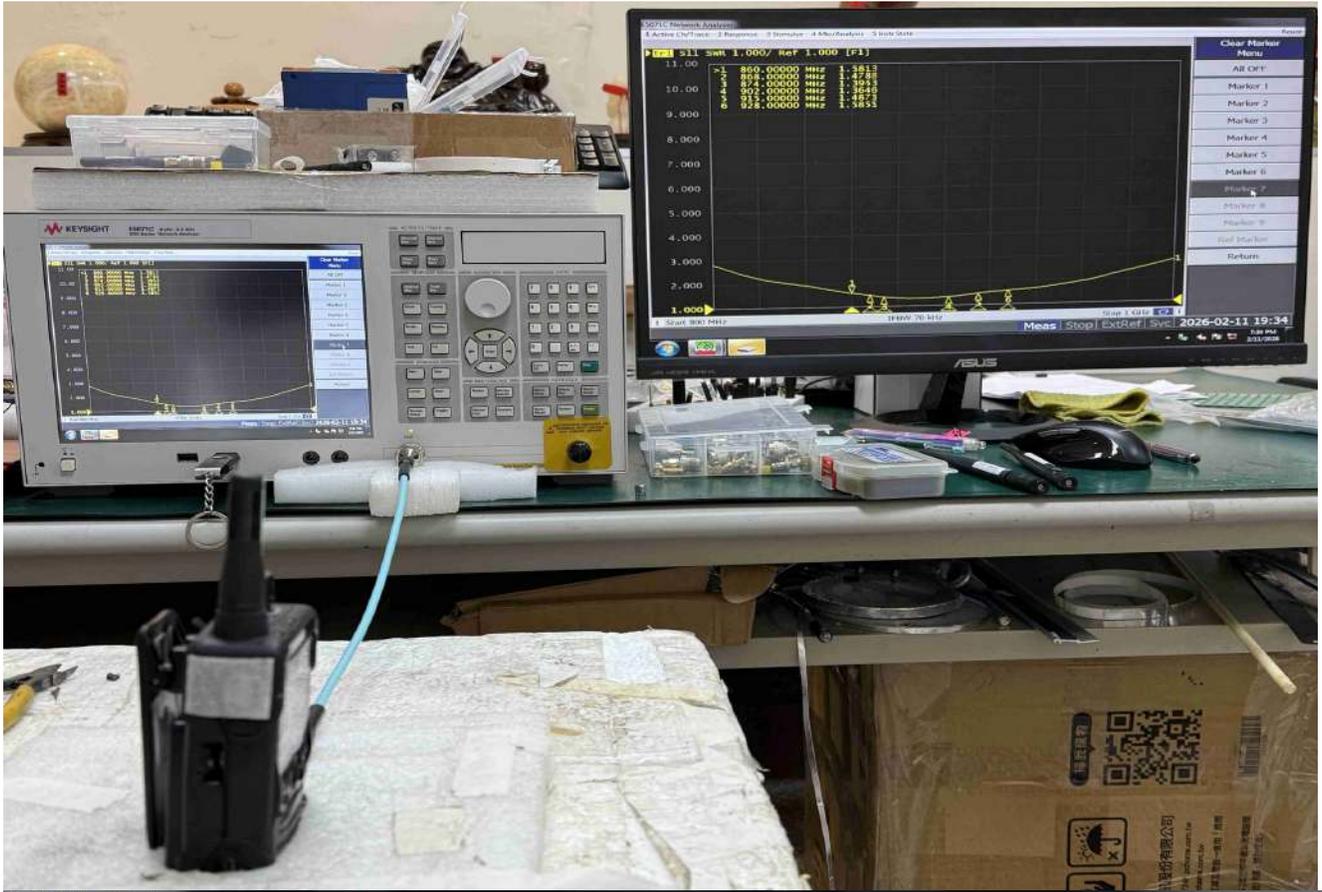
1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA (Male)
Antenna Dimensions	OD13.5 x56.8mm±2
Antenna tube & Color	TPU - Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C
Waterproof	IPX7

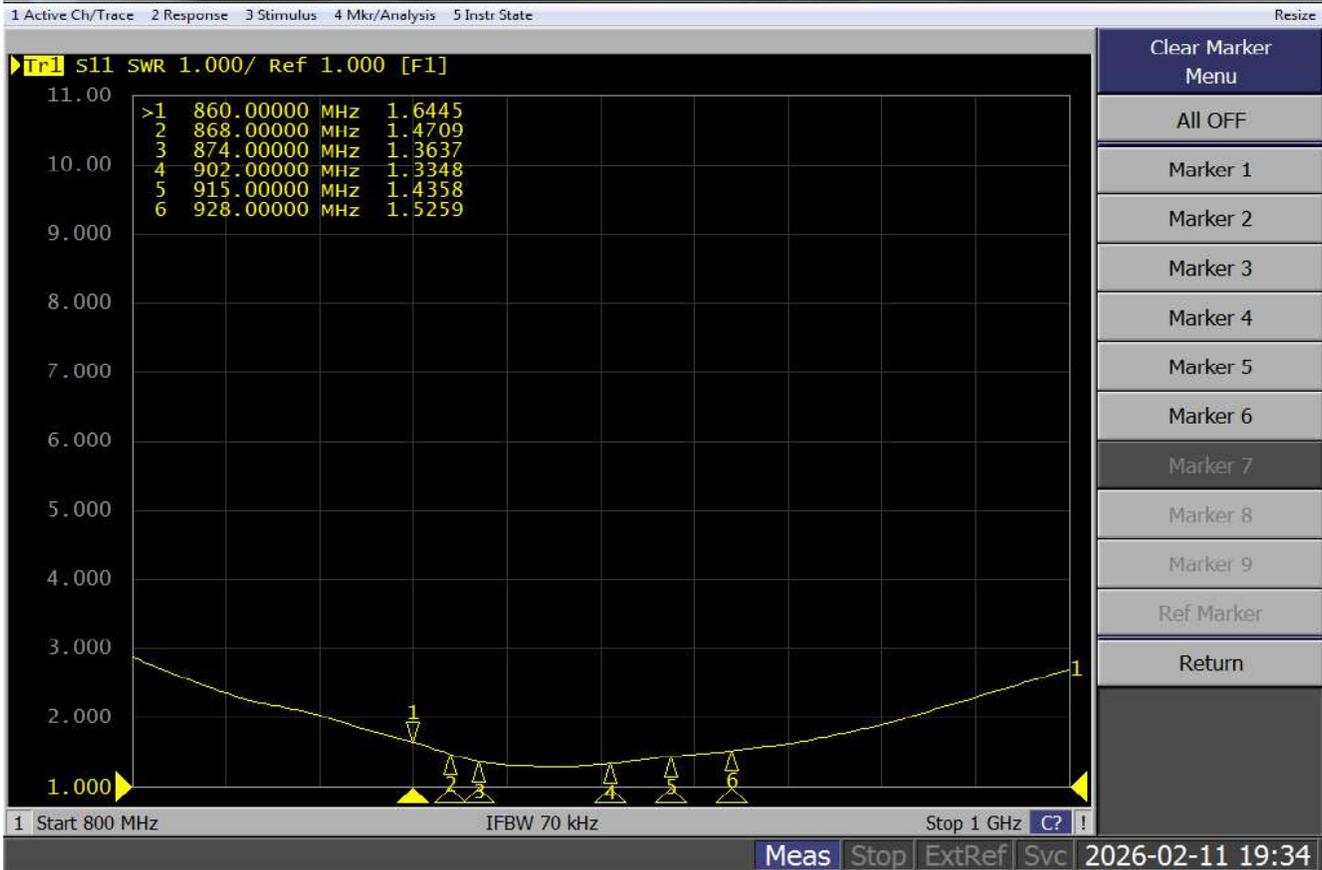
2. Appearance

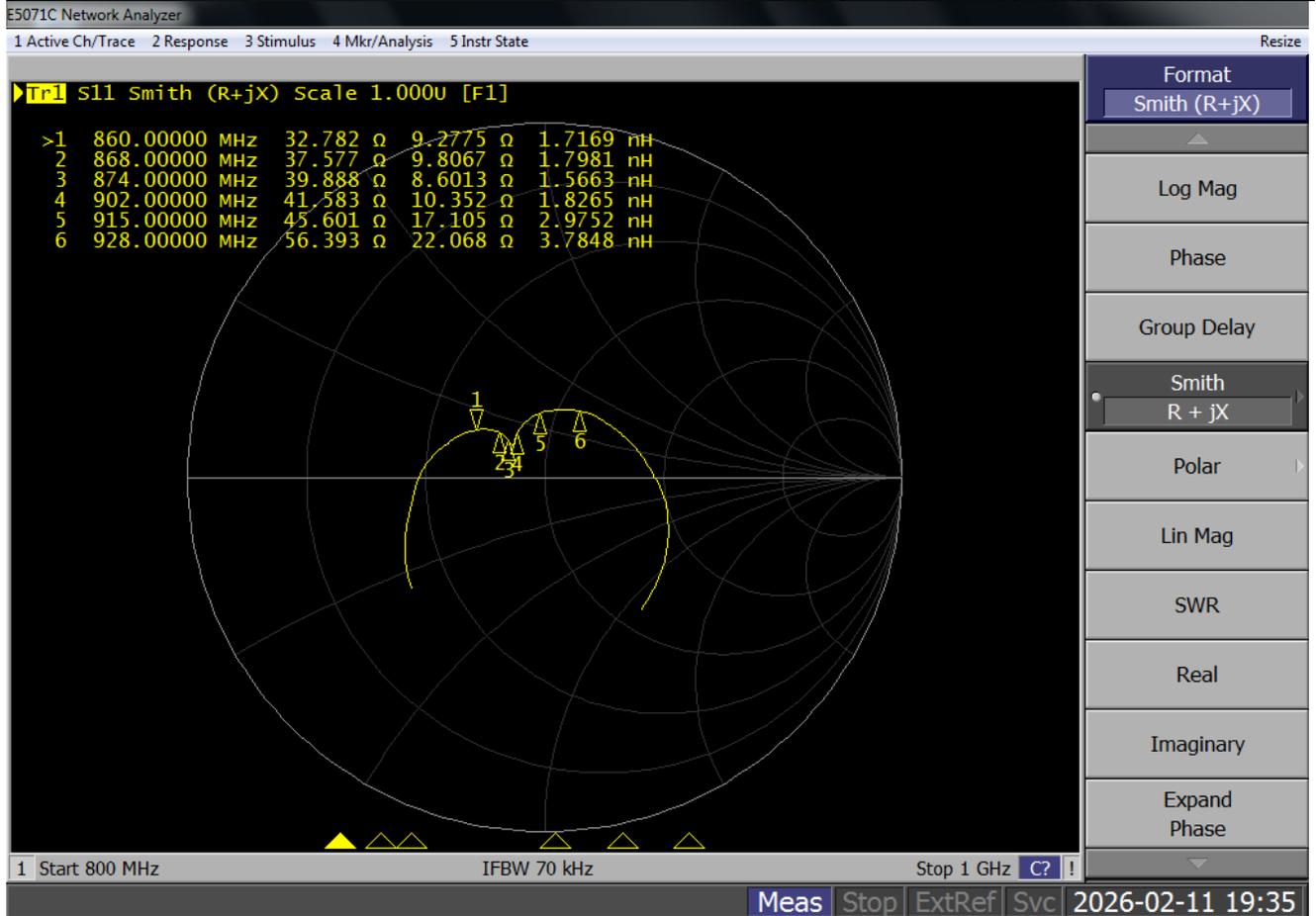
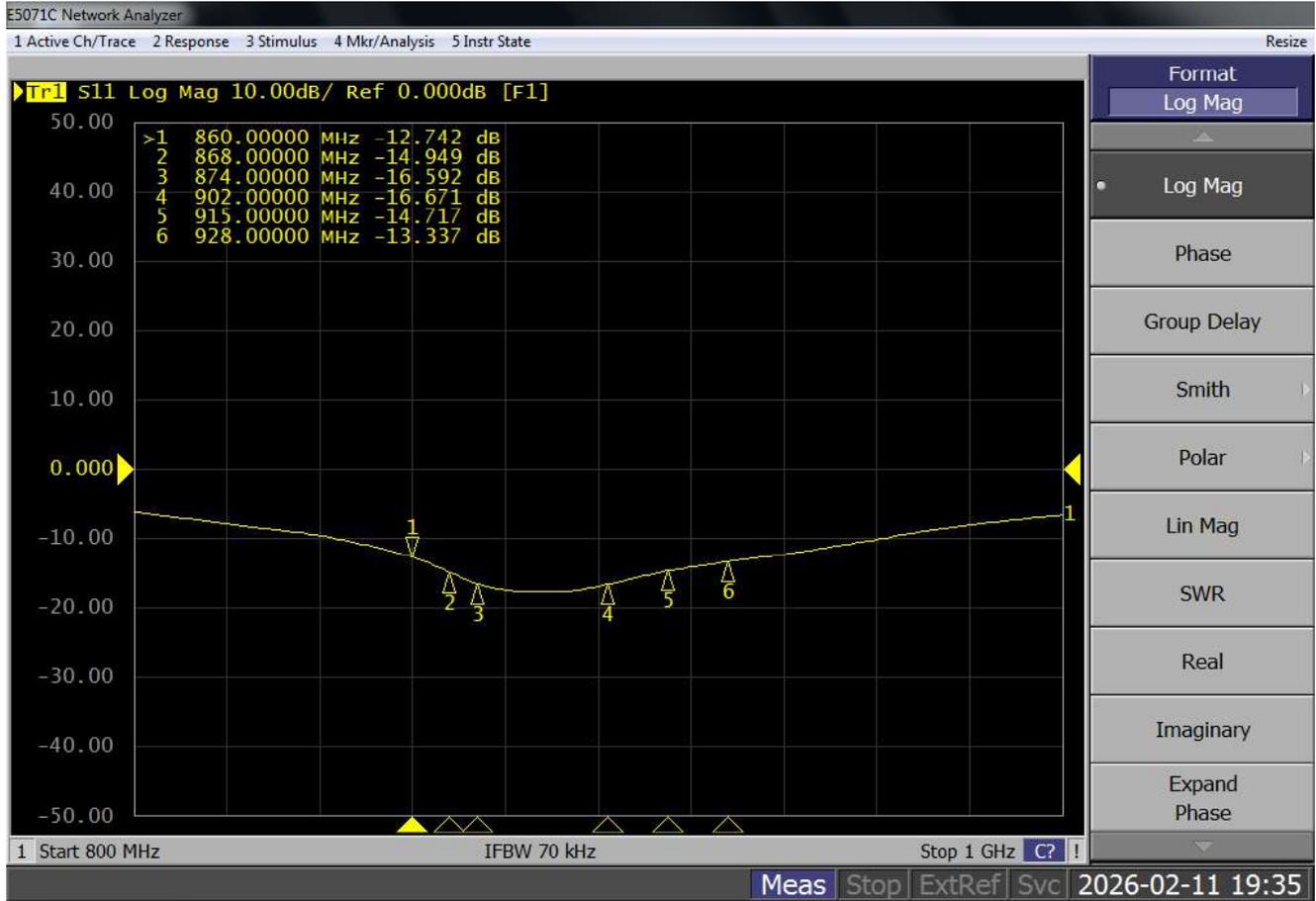


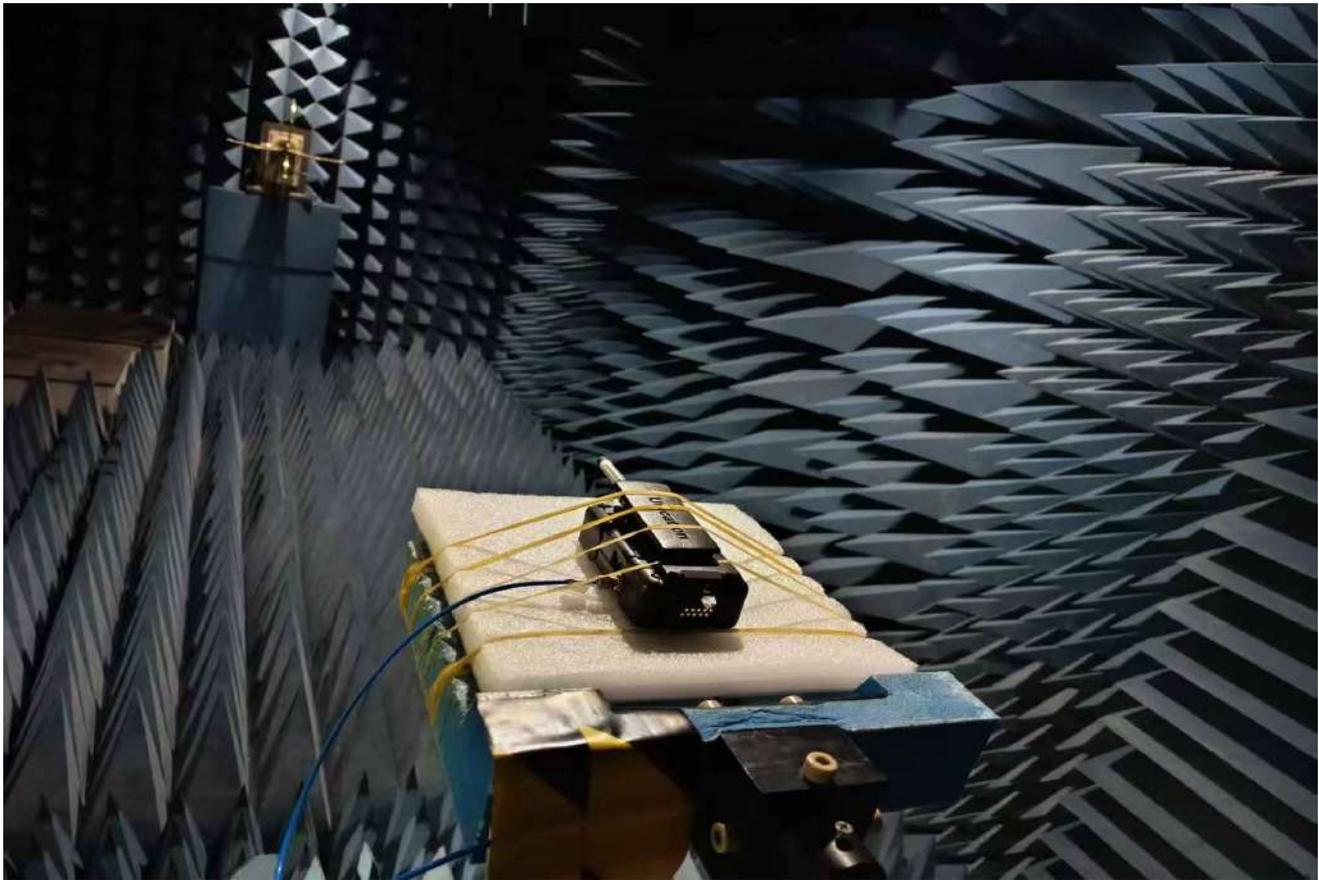
3. FREQUENCY



E5071C Network Analyzer



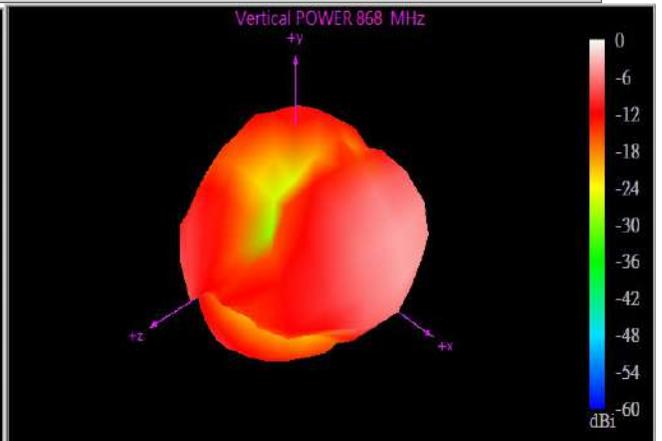
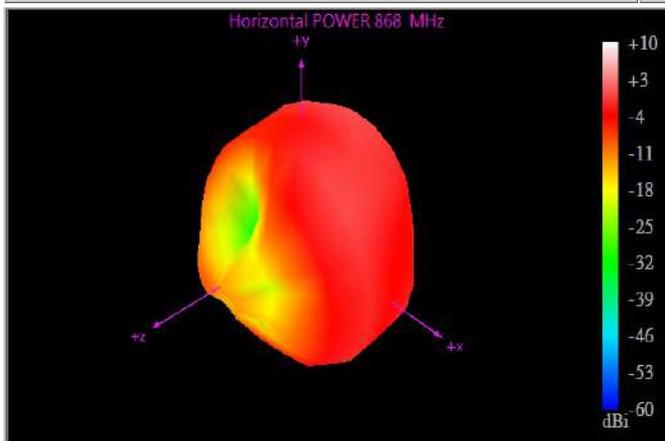
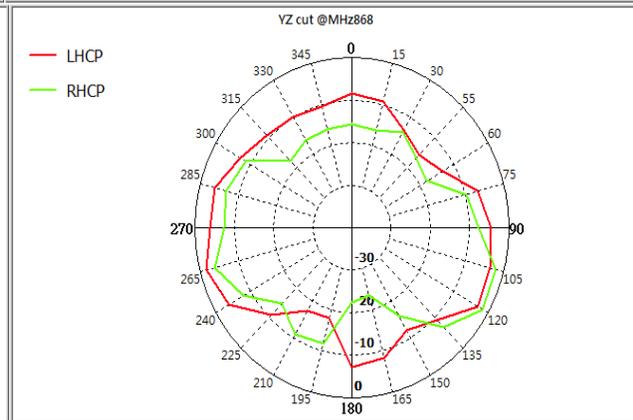
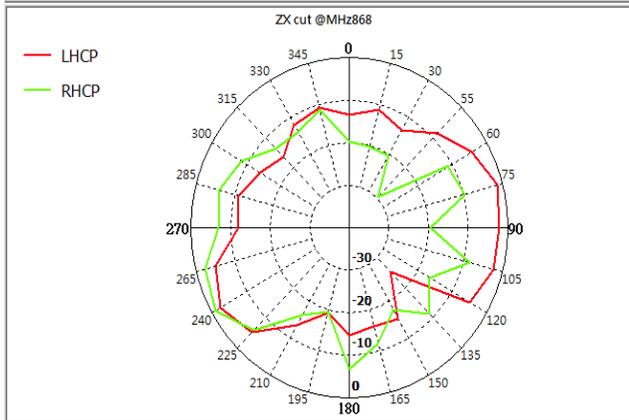
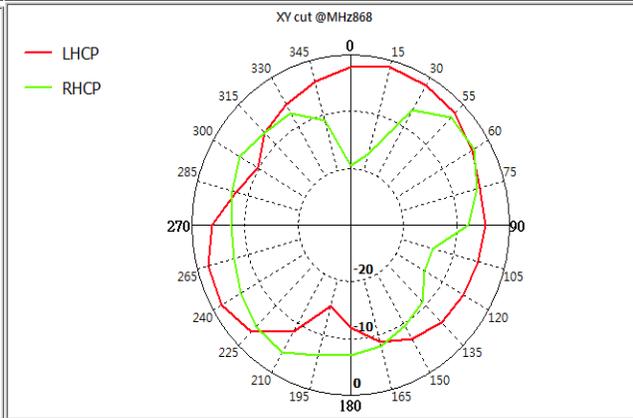
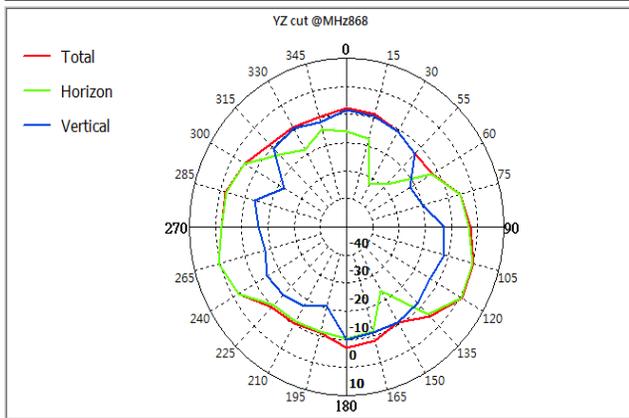
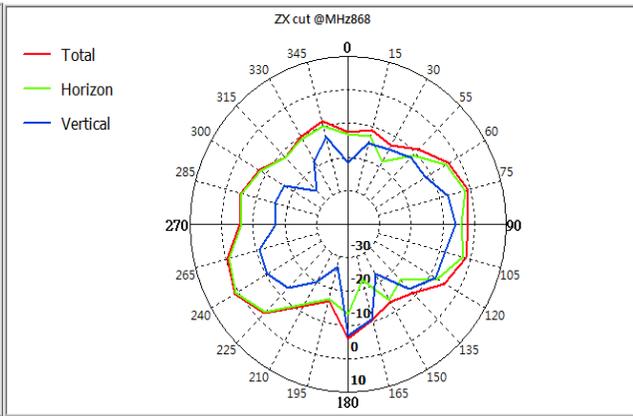
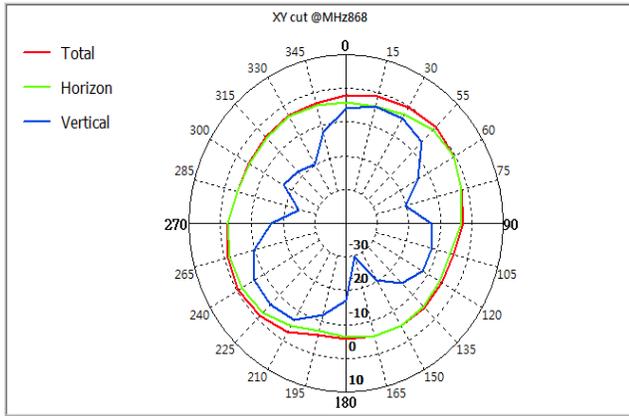


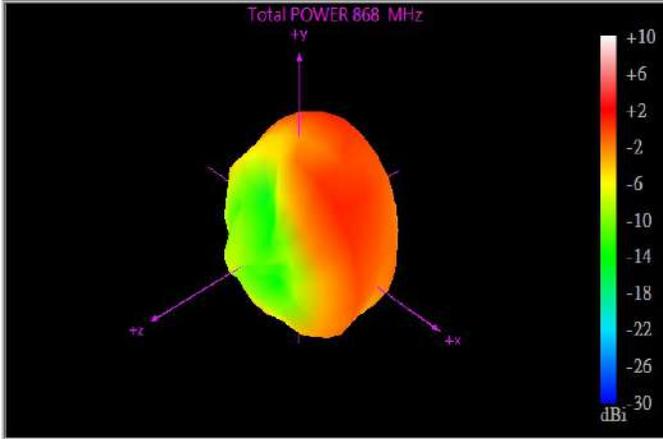
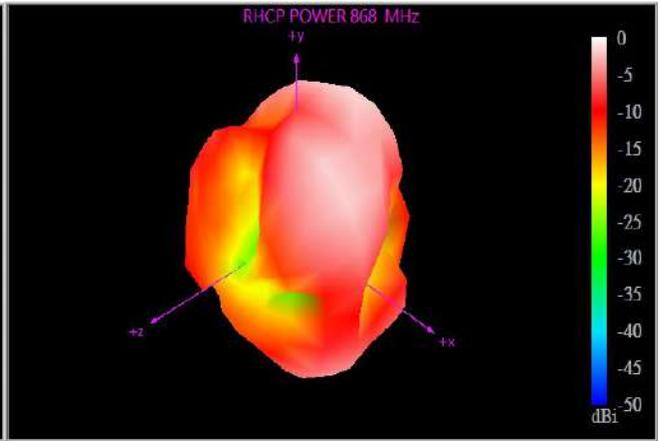
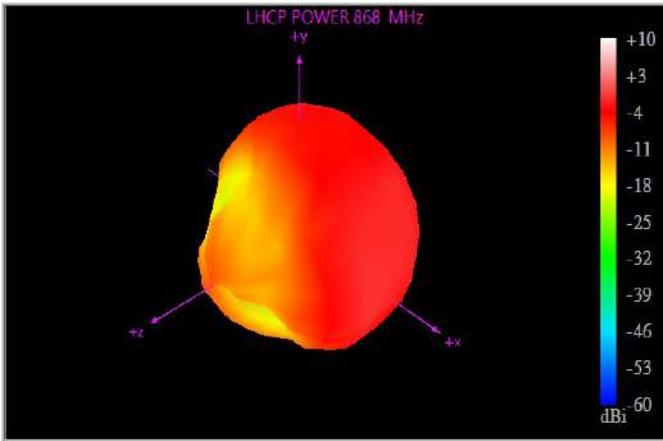


3D Total

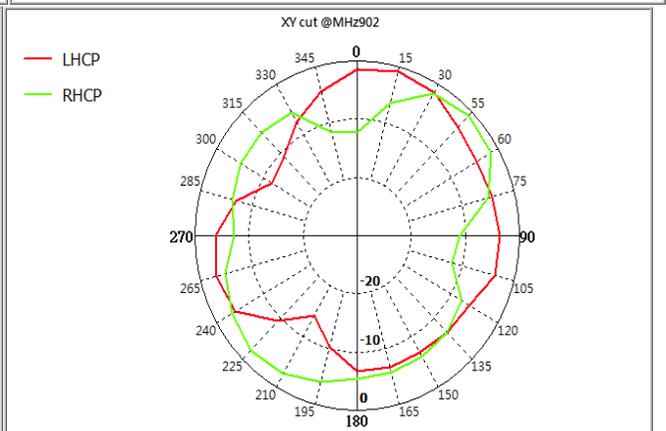
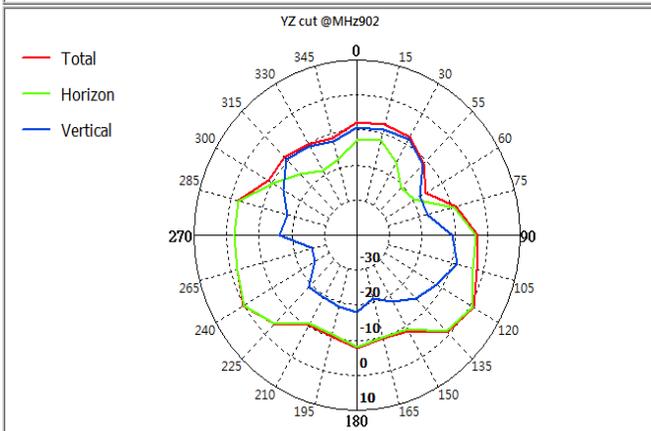
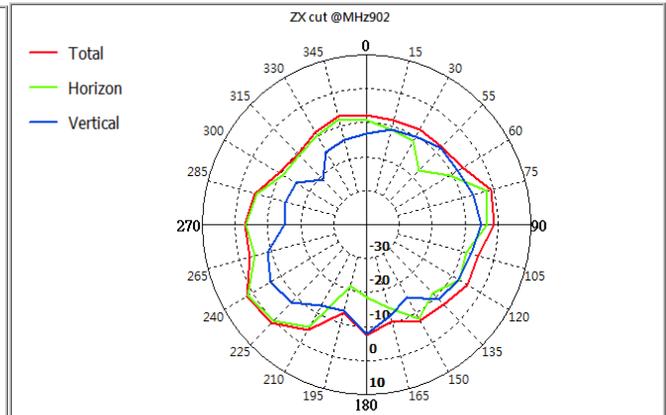
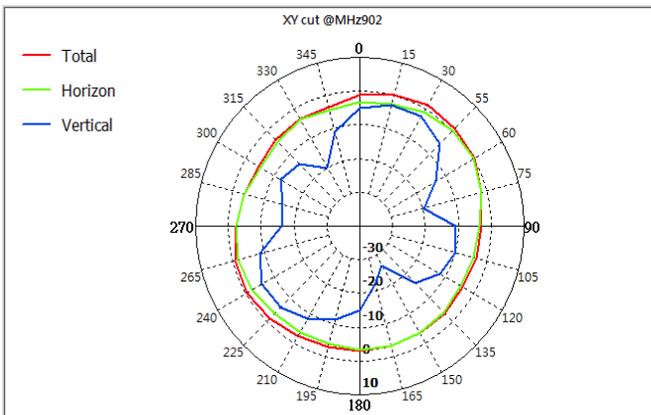
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
824 MHz	-6.99	-6.20	-3.57	43.99	1.92	-3.57
850 MHz	-7.82	-5.95	-3.77	41.94	1.63	-3.77
868 MHz	-8.23	-5.55	-3.68	42.87	2.20	-3.68
875 MHz	-8.81	-5.91	-4.11	38.82	1.93	-4.11
902 MHz	-8.57	-5.06	-3.46	45.06	3.59	-3.46
915 MHz	-9.22	-5.42	-3.91	40.66	2.41	-3.91
928 MHz	-9.25	-5.41	-3.91	40.68	1.97	-3.91
930 MHz	-9.40	-5.57	-4.06	39.24	1.58	-4.06
960 MHz	-9.95	-6.10	-4.60	34.65	0.49	-4.60

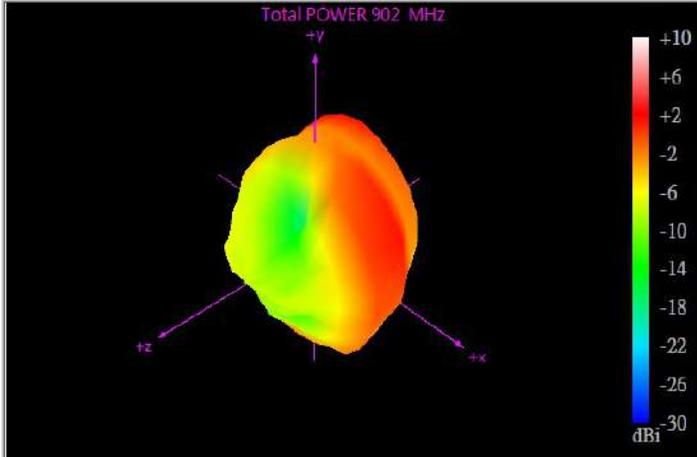
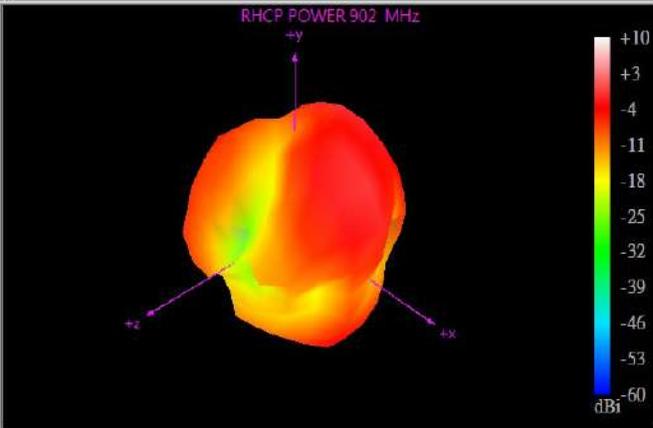
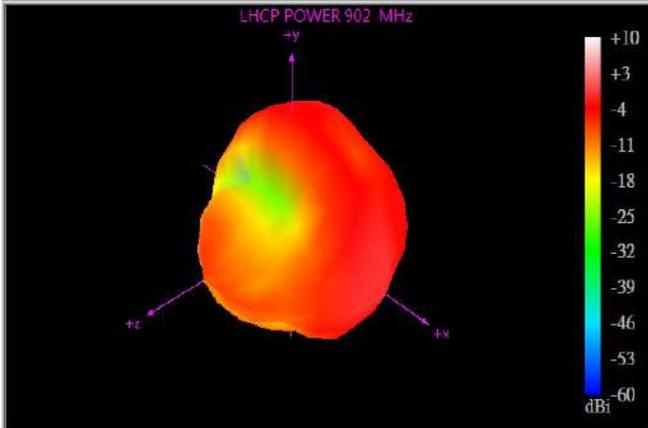
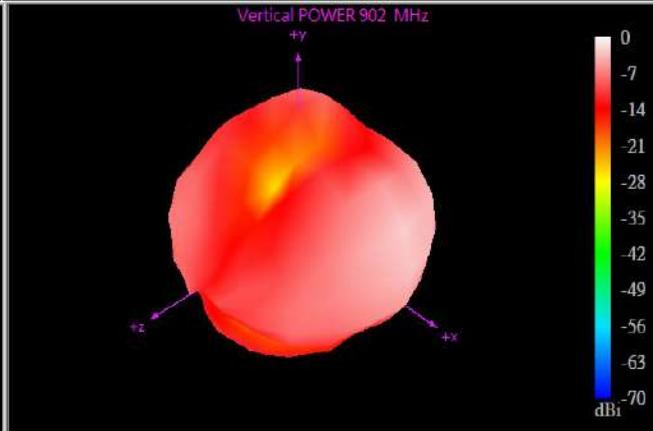
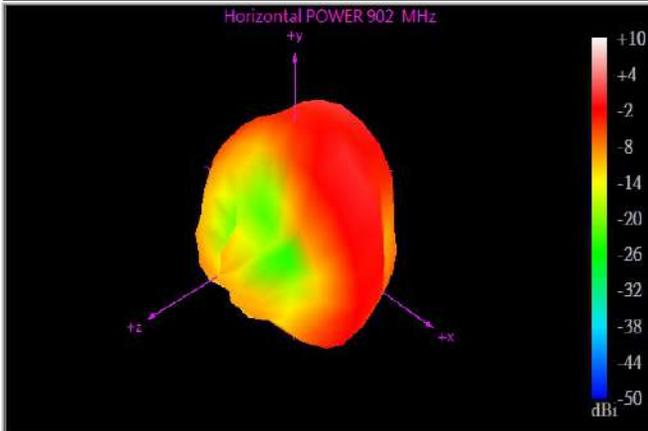
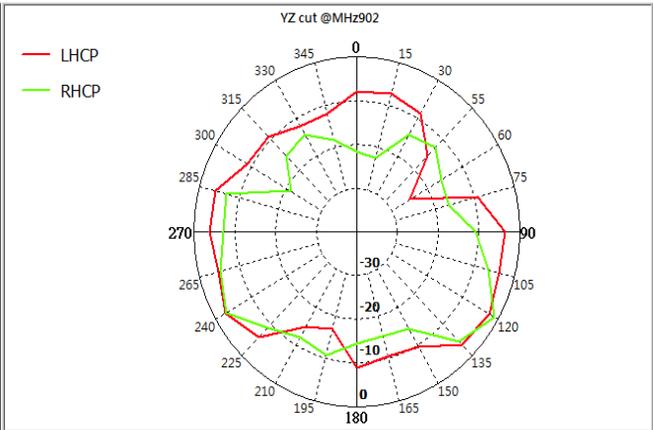
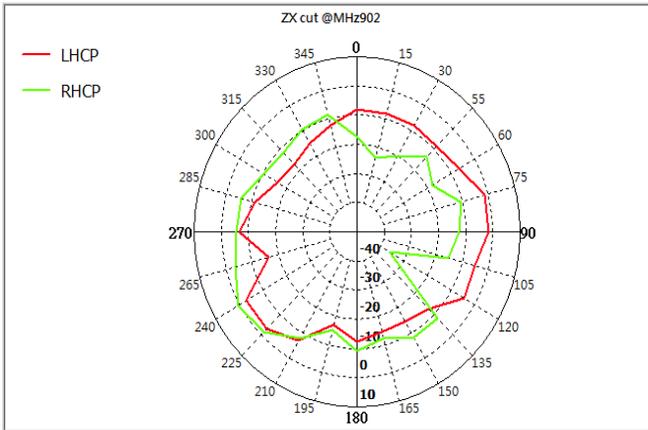
868Mhz:



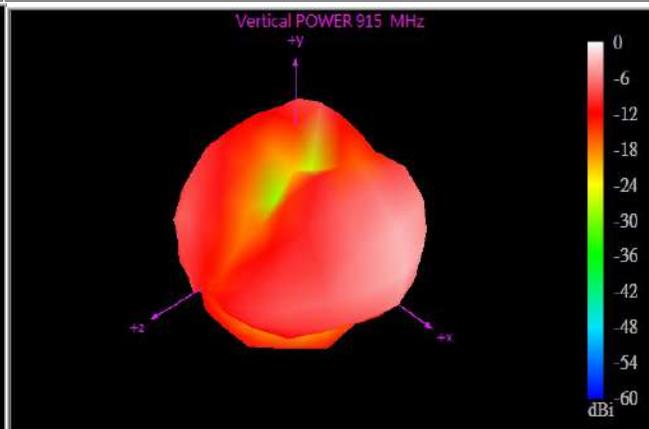
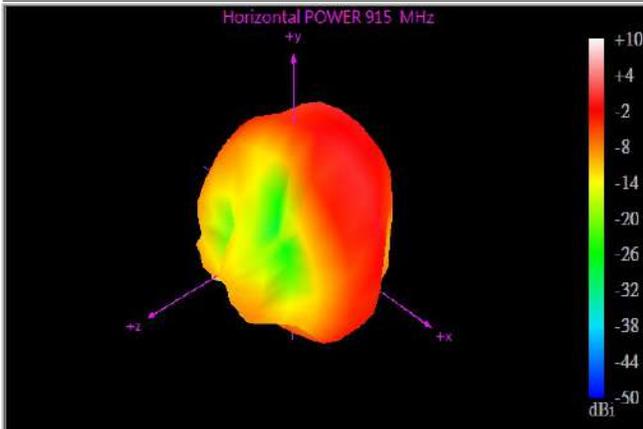
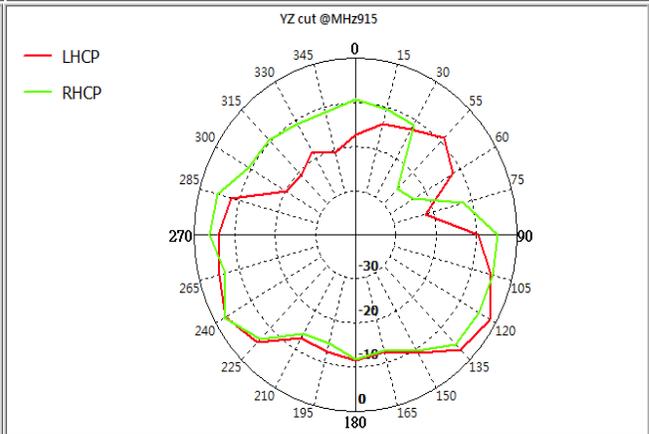
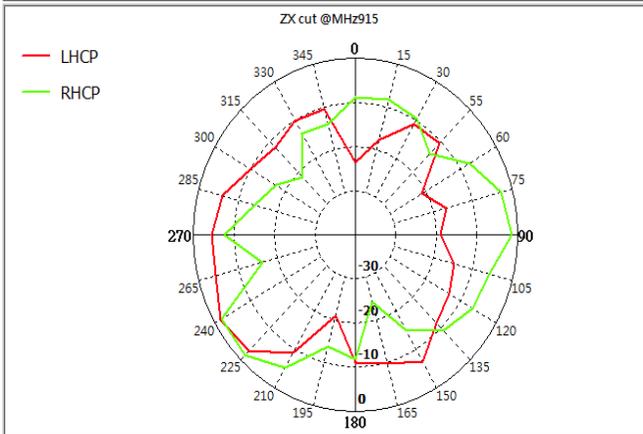
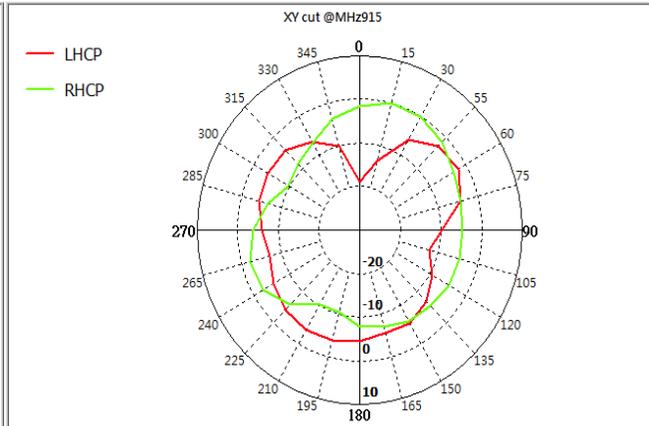
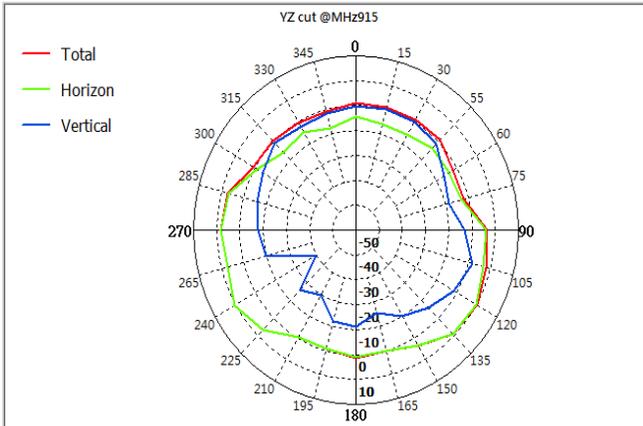
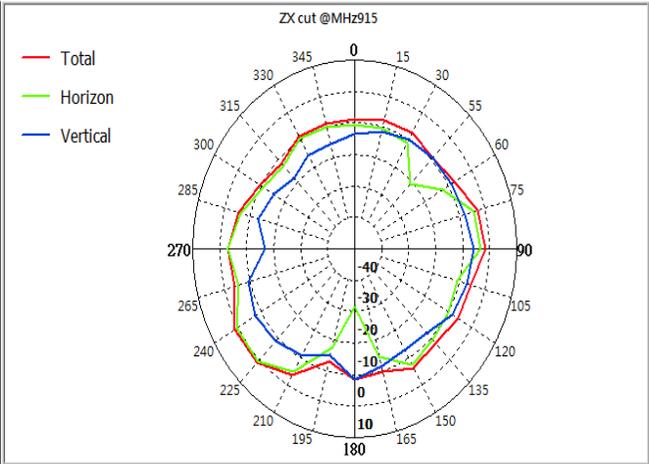
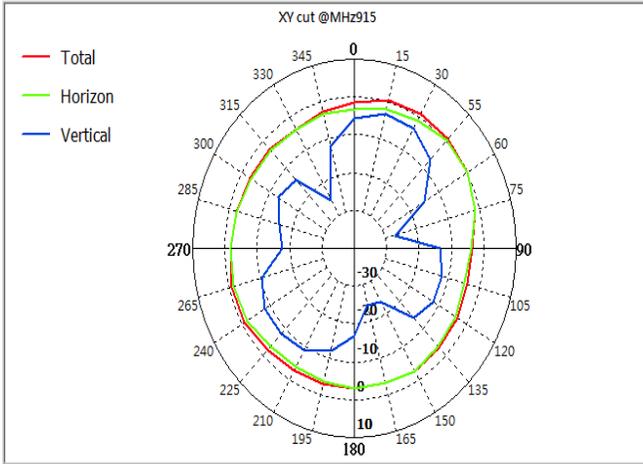


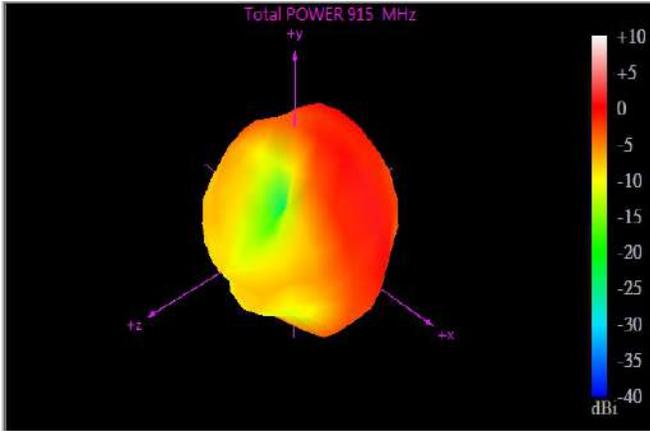
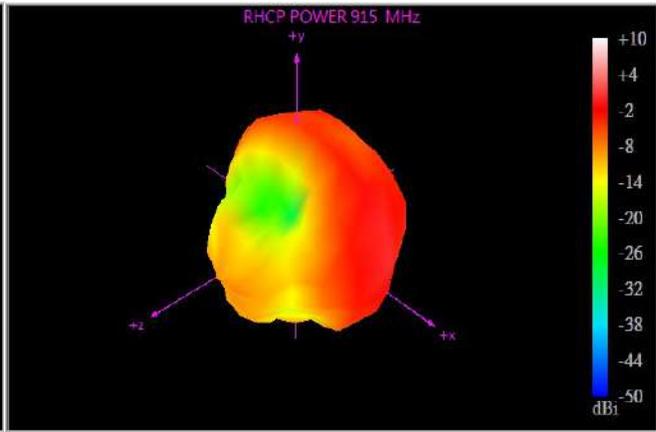
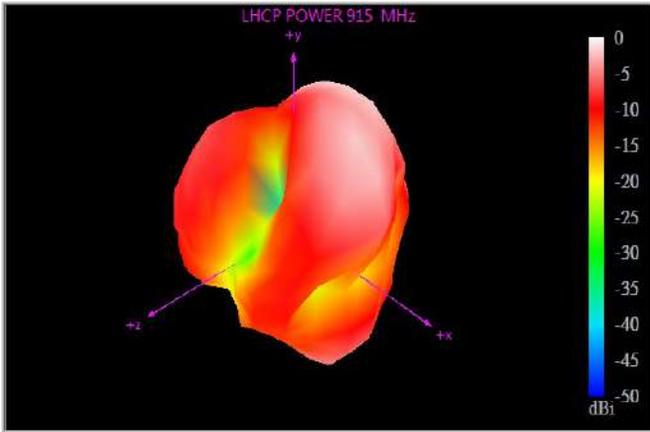
902Mhz:





915Mhz:





928Mhz:

