

# S Band Antenna

## MODEL: TH-2100B



### 1.. GENERAL DESCRIPTION

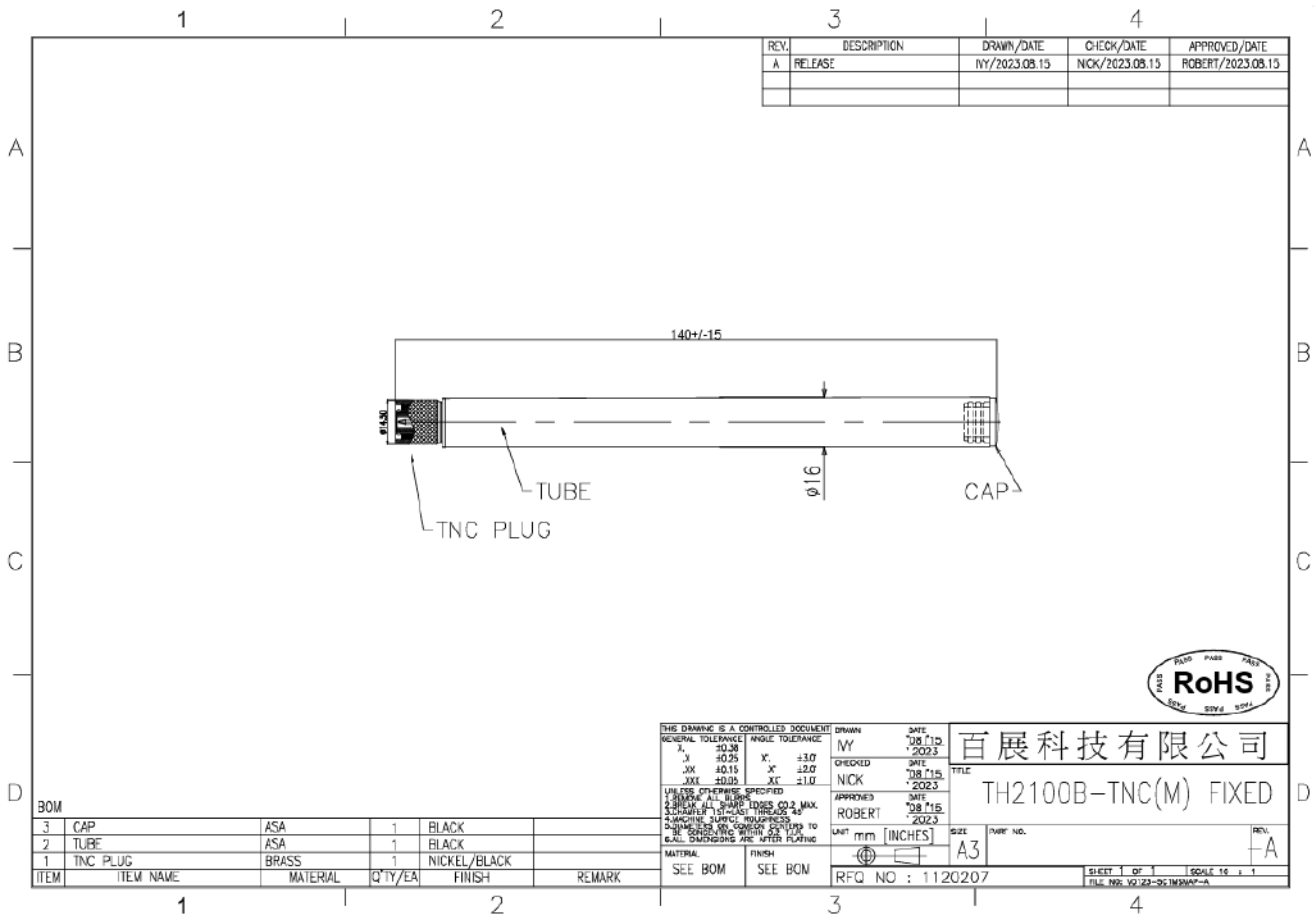
Model No
TH2100B-TNC(M) FIXED

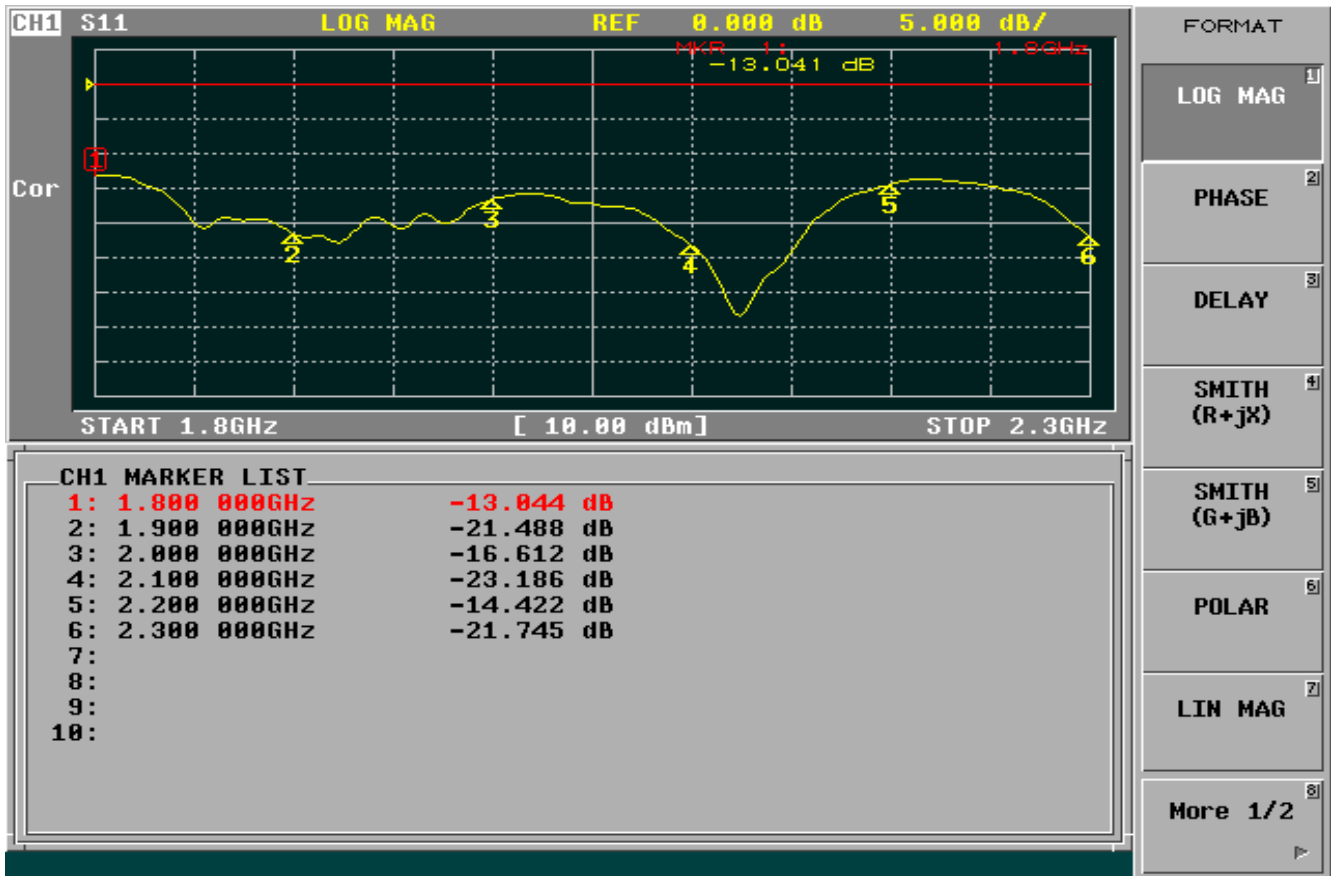
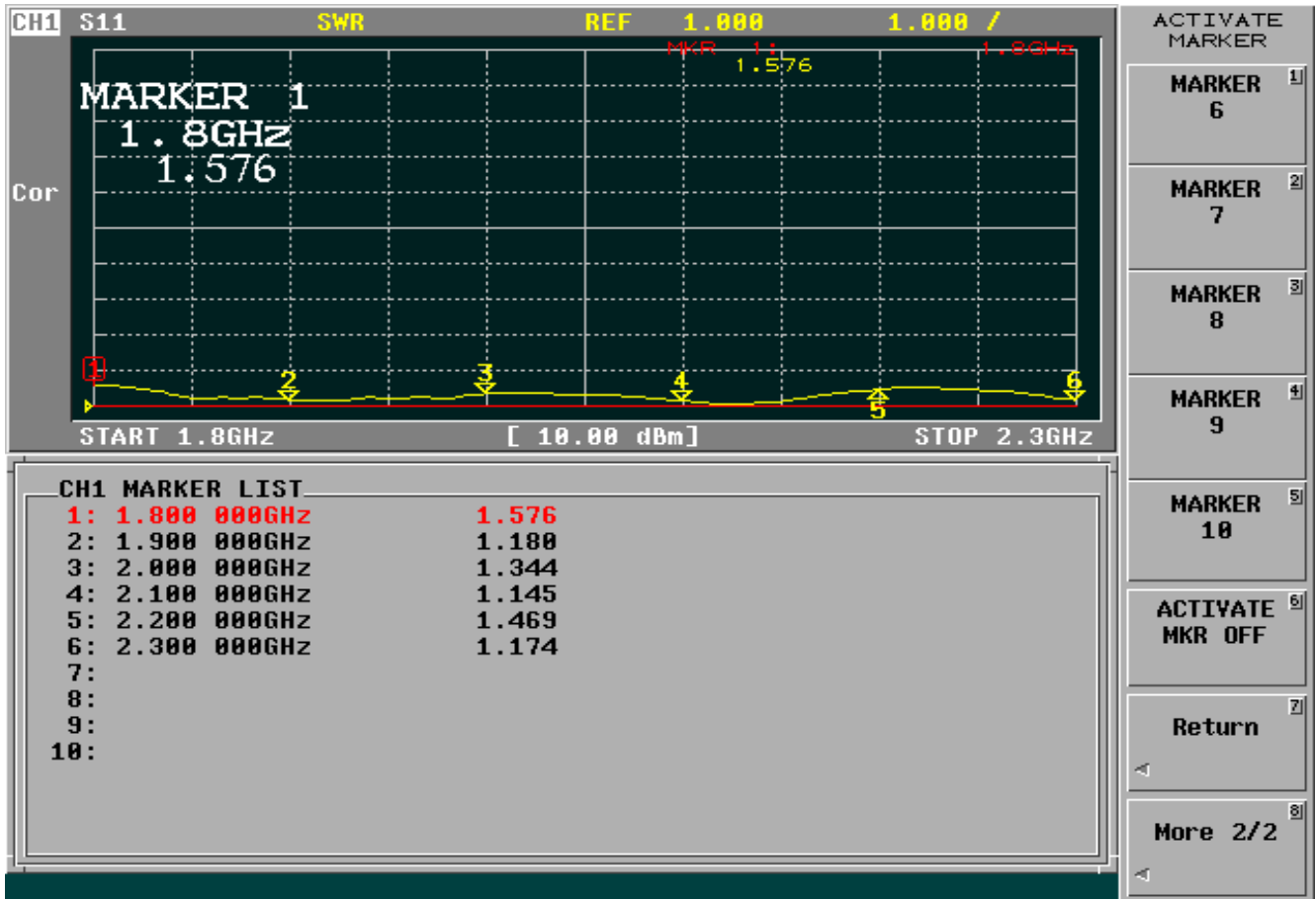
### 1.1 Electrical Properties

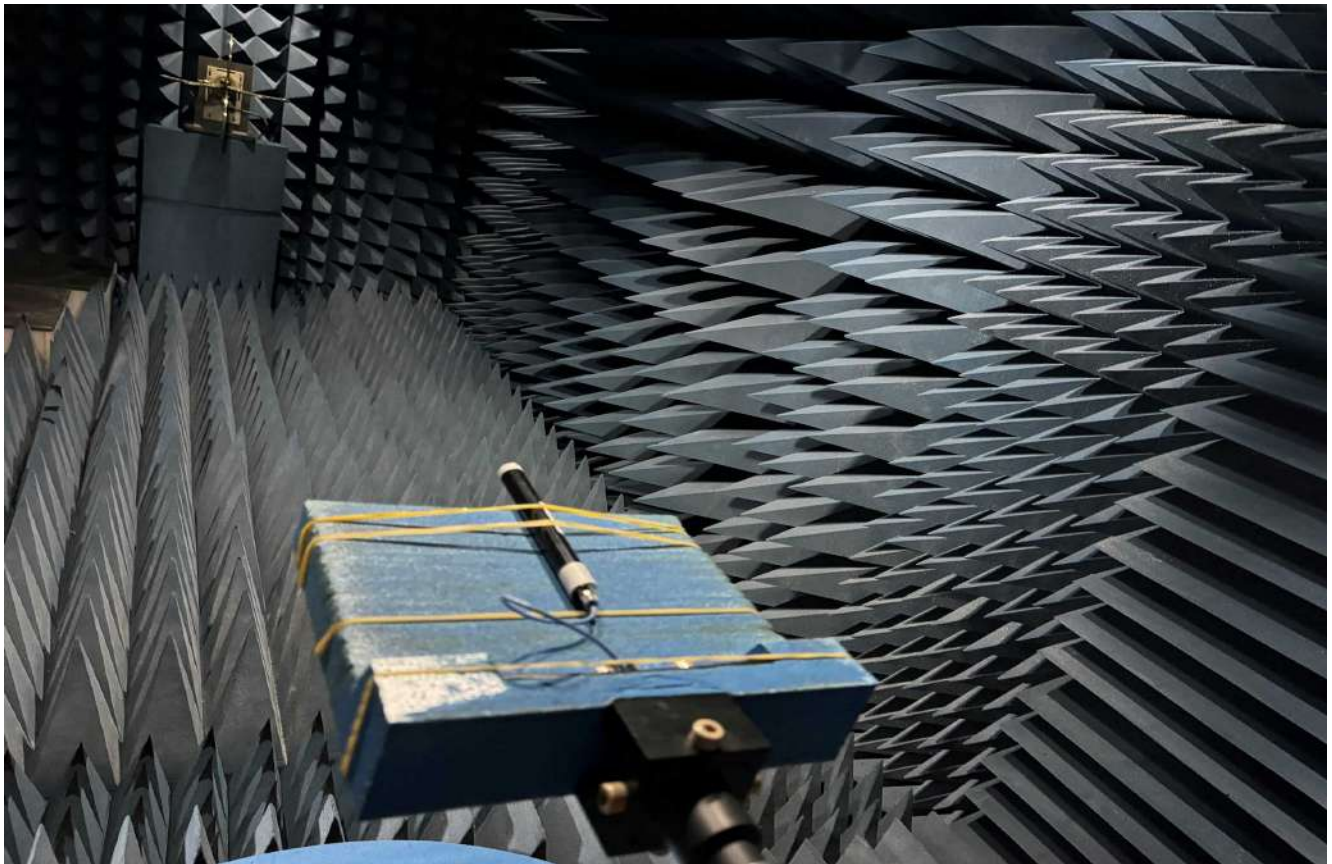
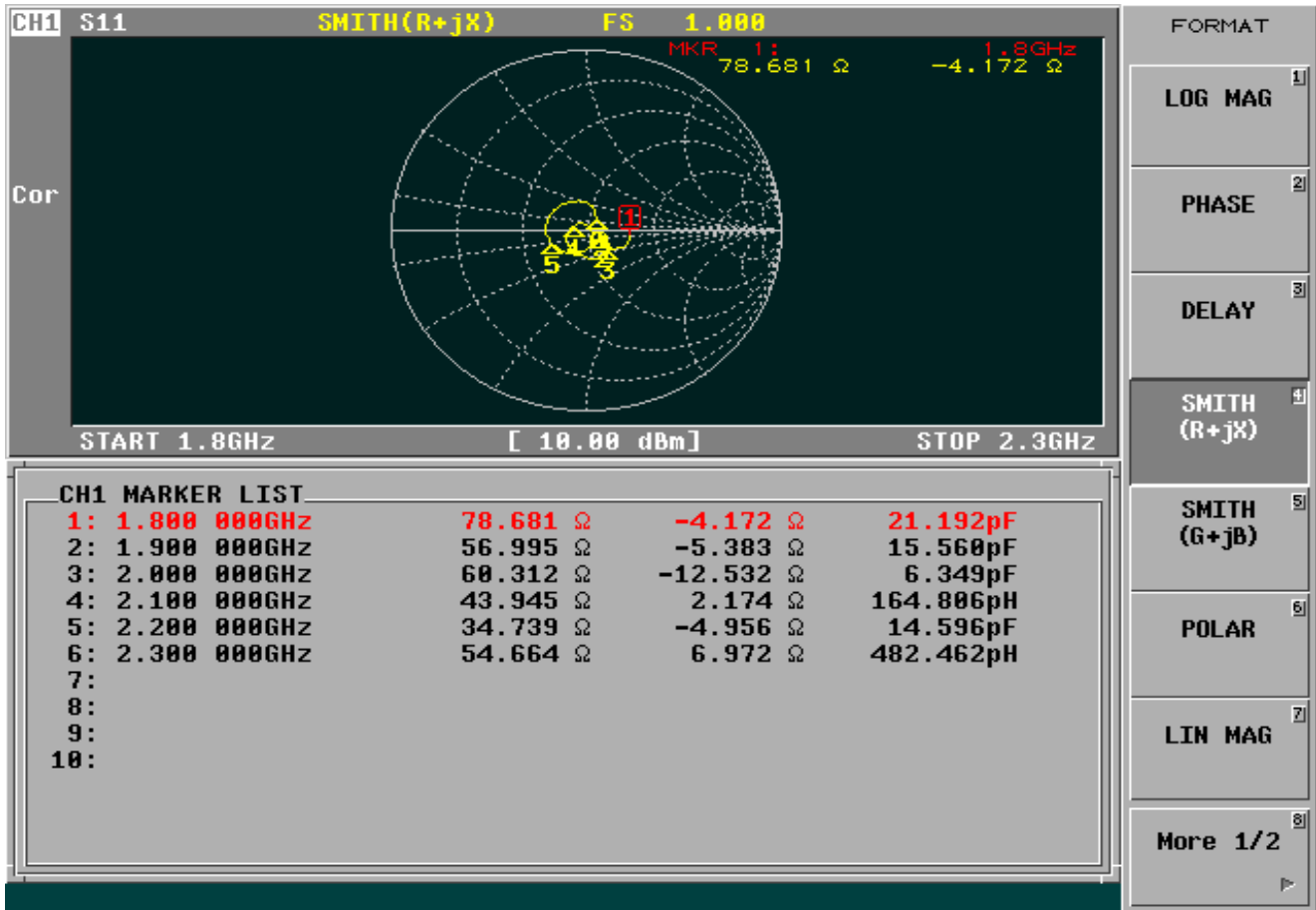
Parameter	Description
Frequency Band	1900~2200Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

### 1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Material	ASA
Touch Type	Screw Type
Connector Type	TNC connector (Male) FIXED
Antenna Dimensions	Ø16 x 140mm ±15
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C



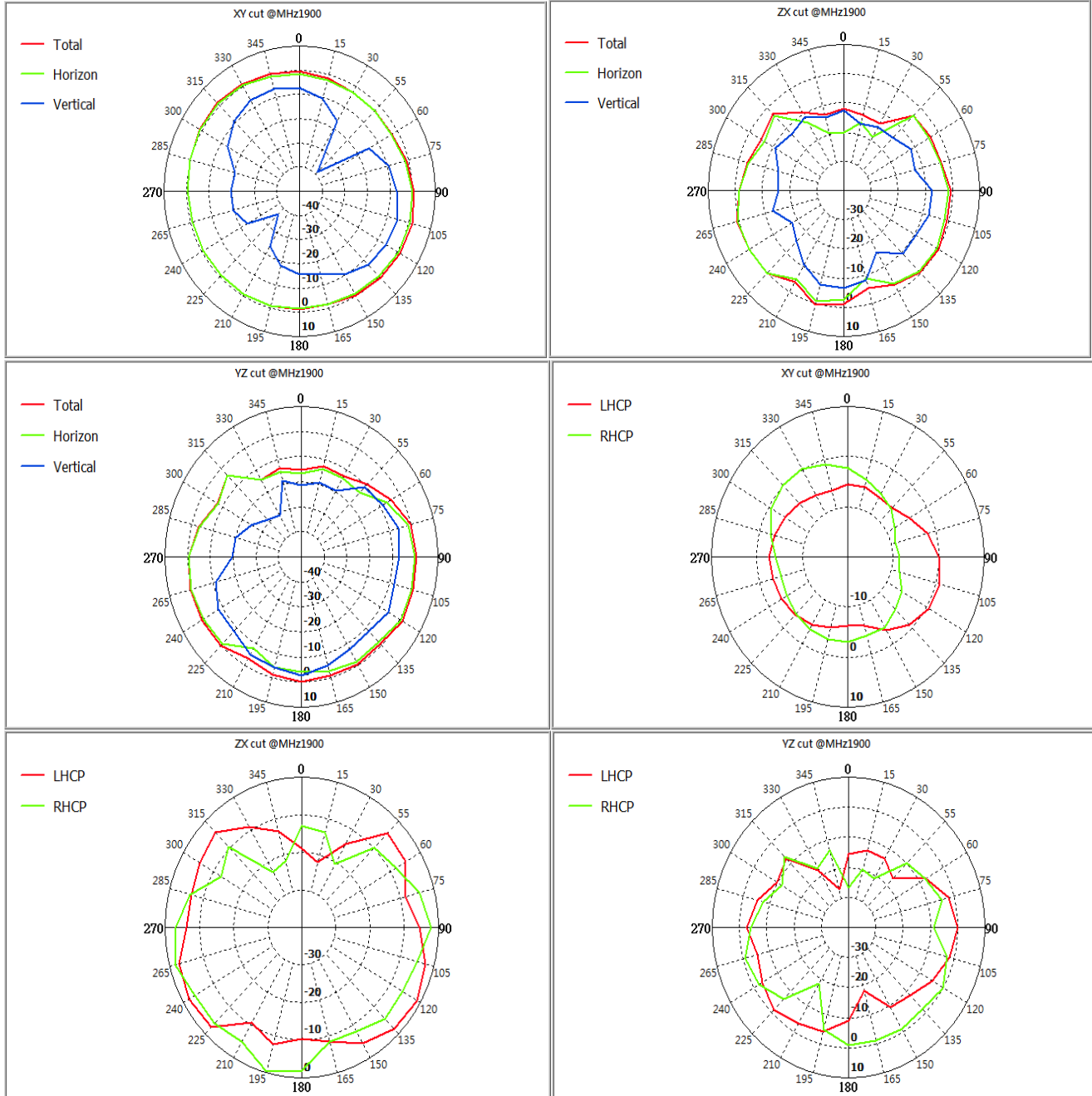




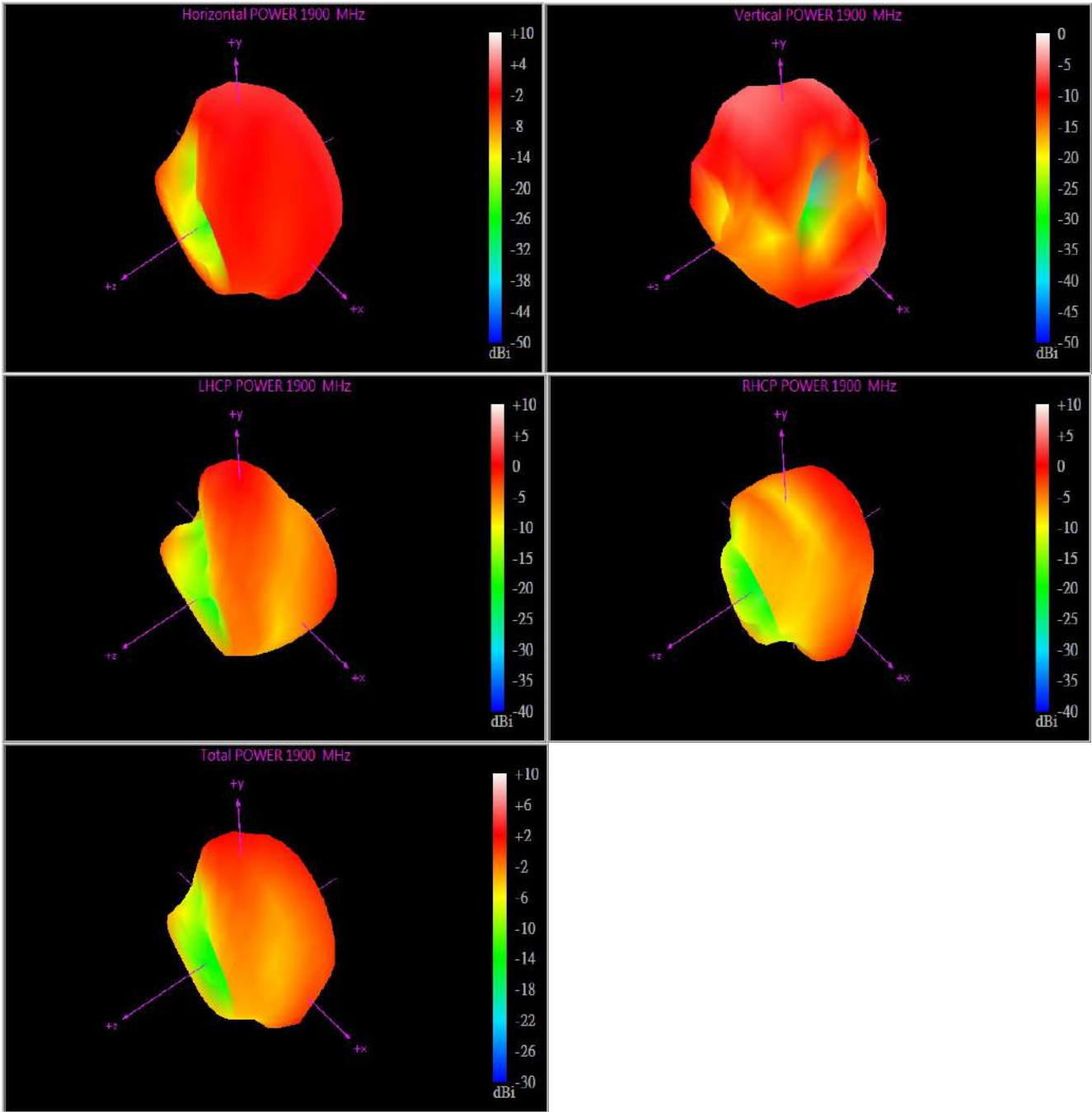
### 3D Total

Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
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

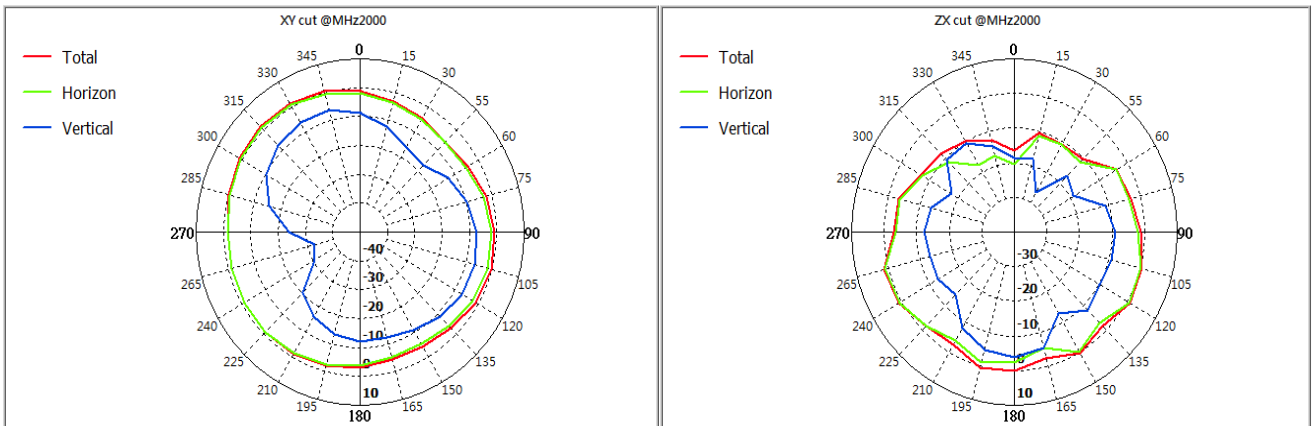
### 1900Mhz:

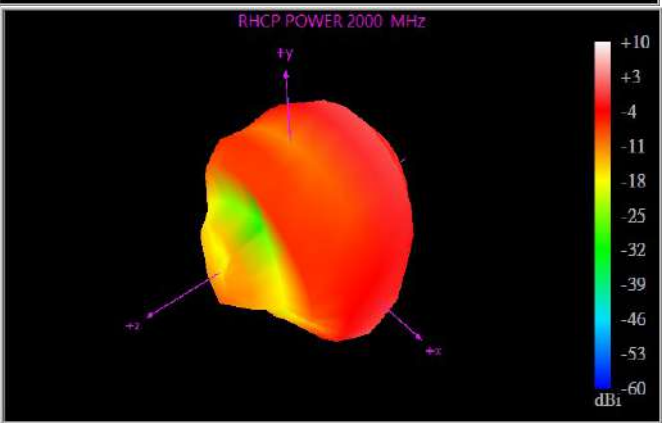
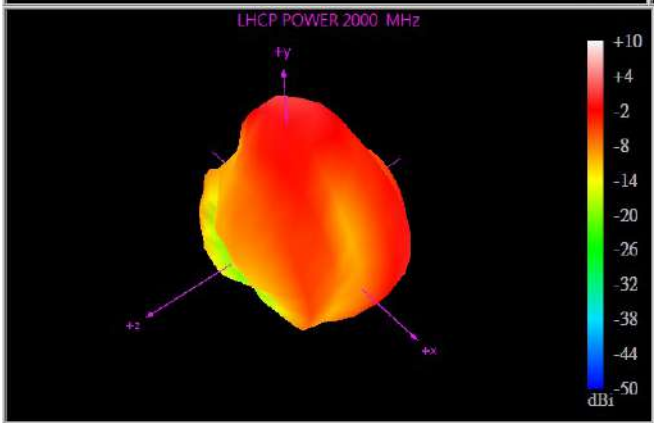
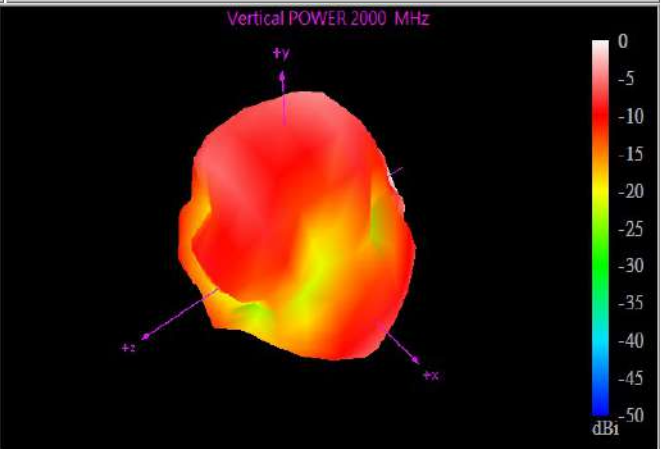
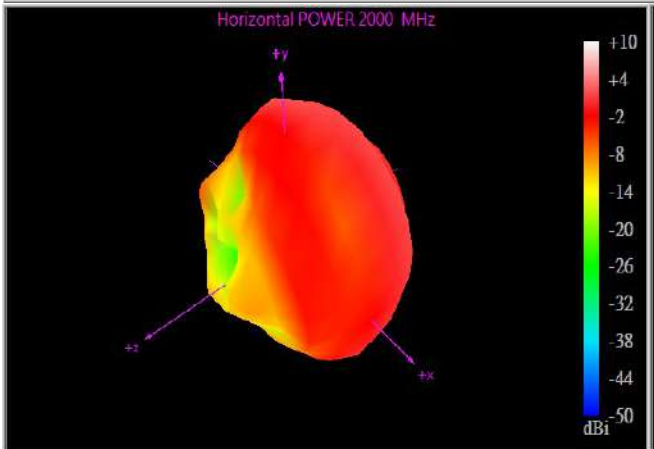
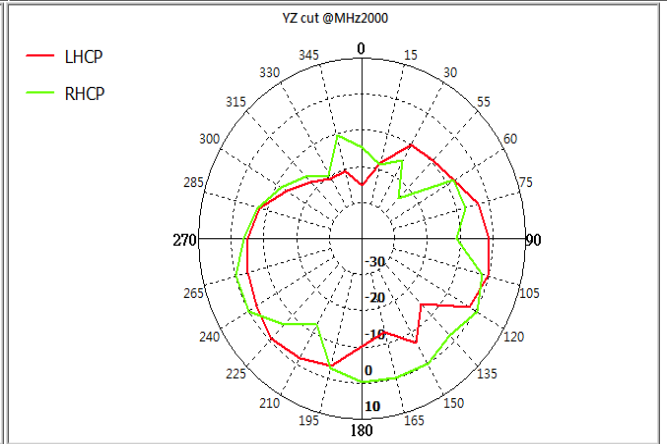
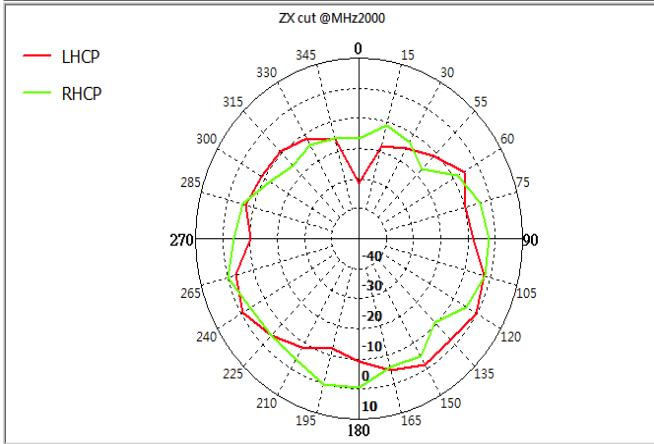
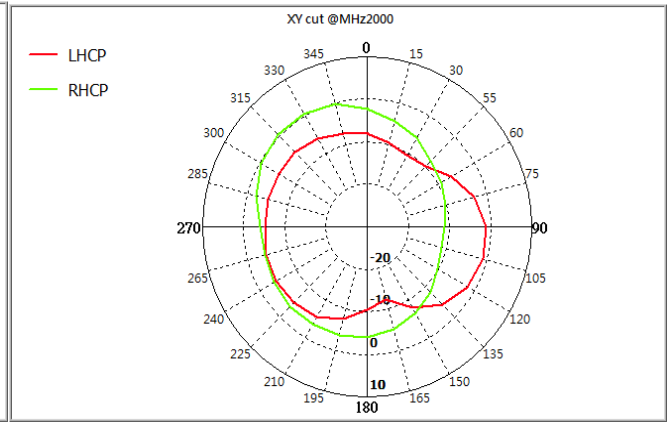
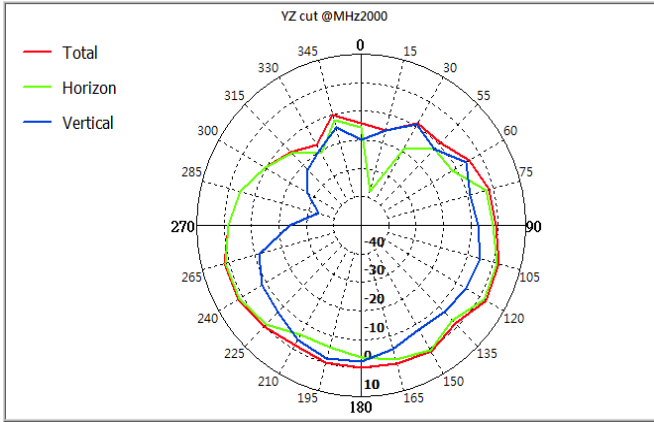


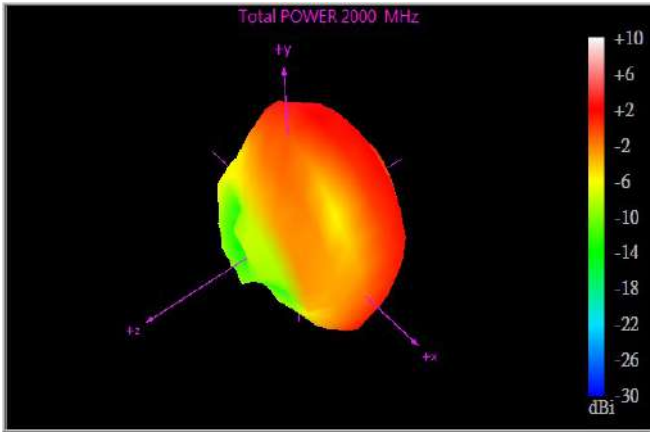




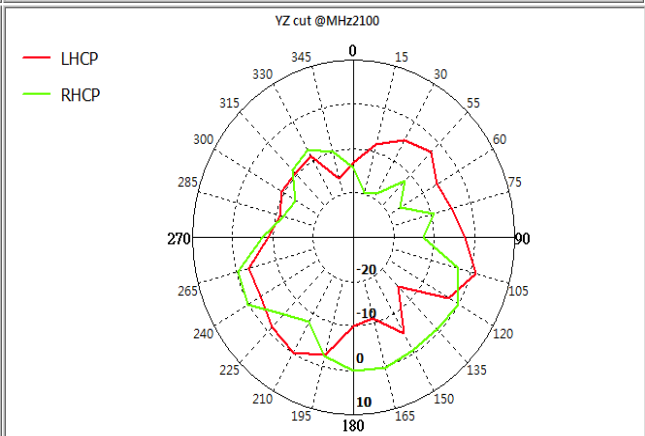
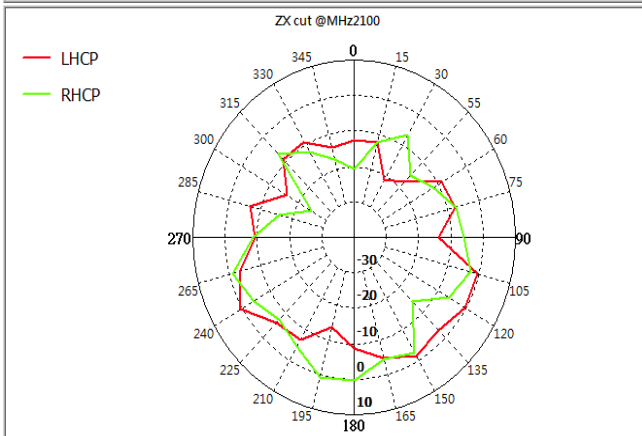
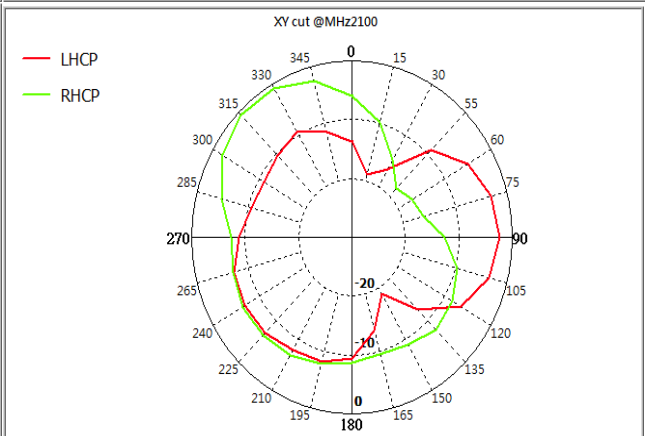
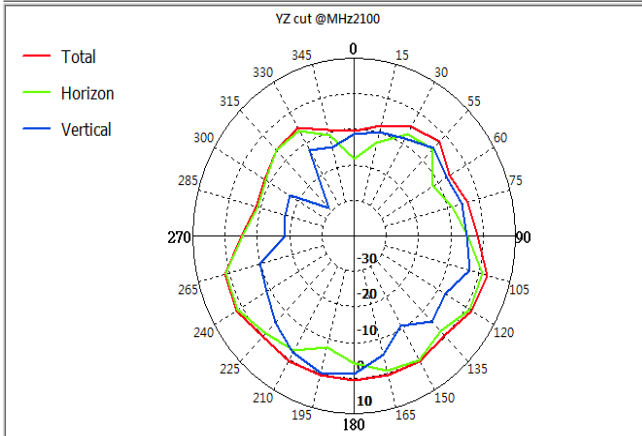
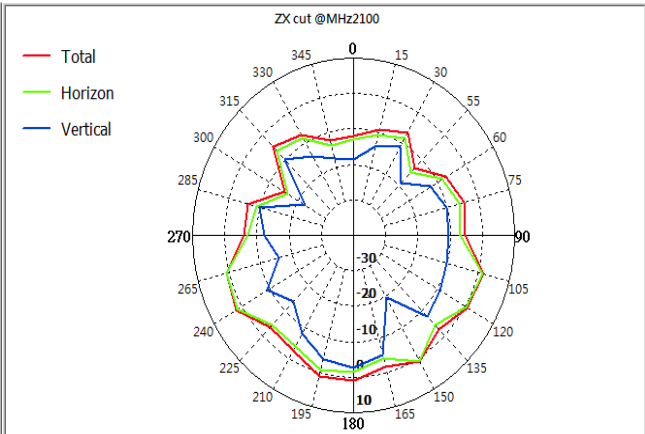
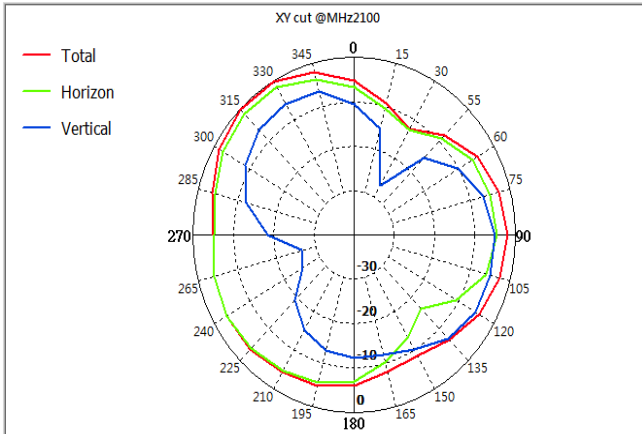
**2000Mhz:**



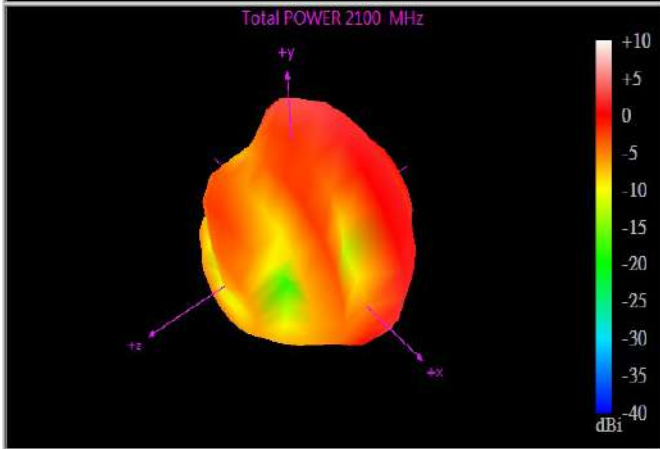
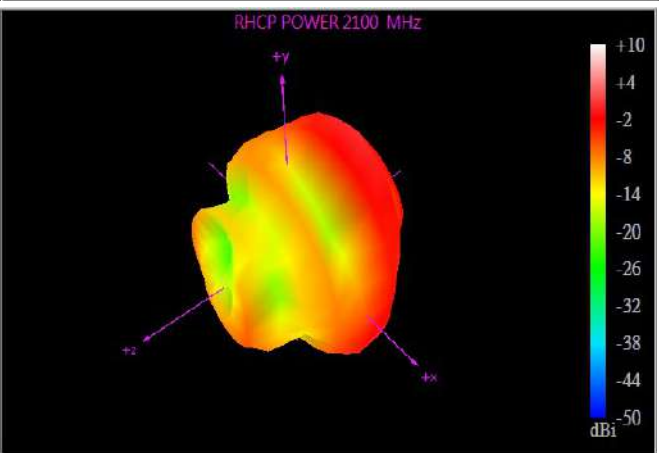
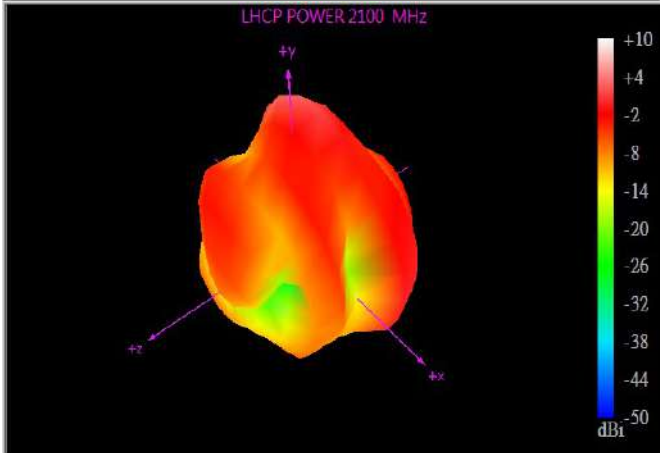
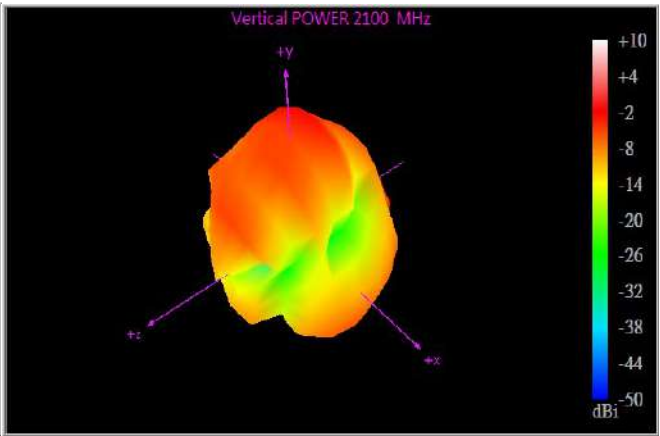
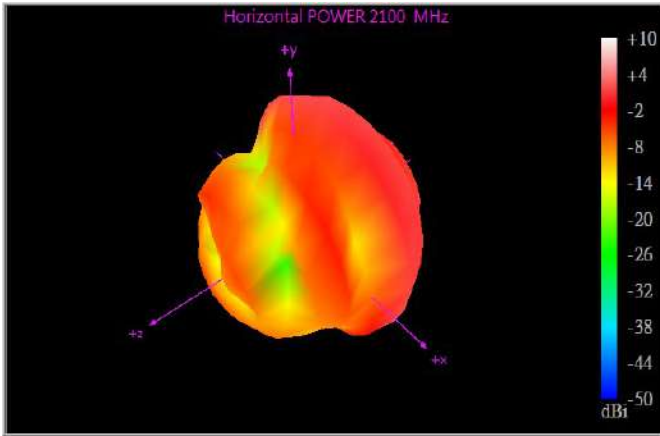




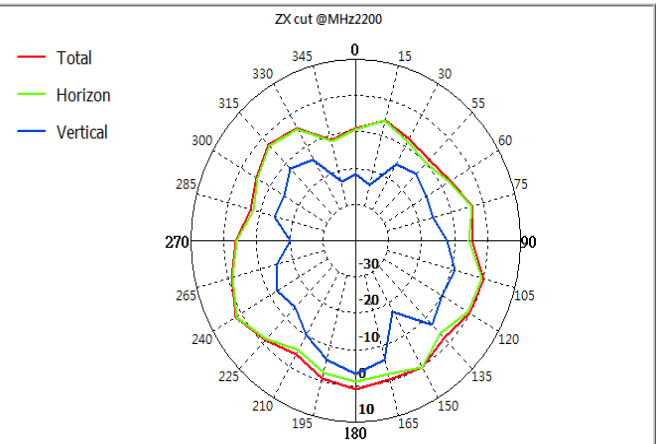
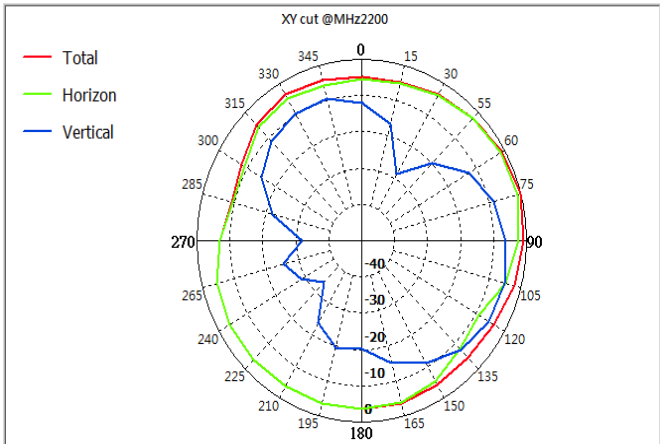
**2100Mhz:**

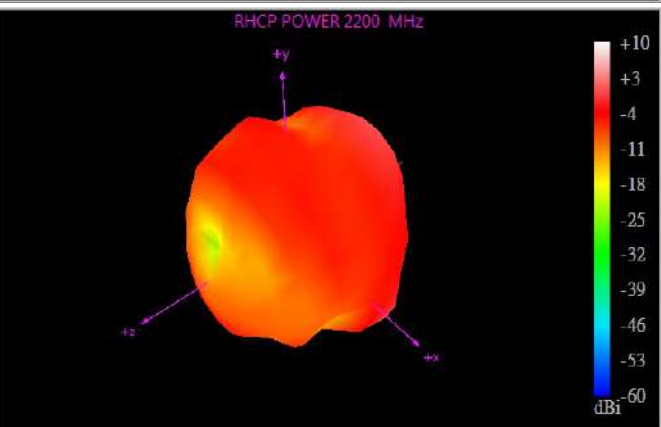
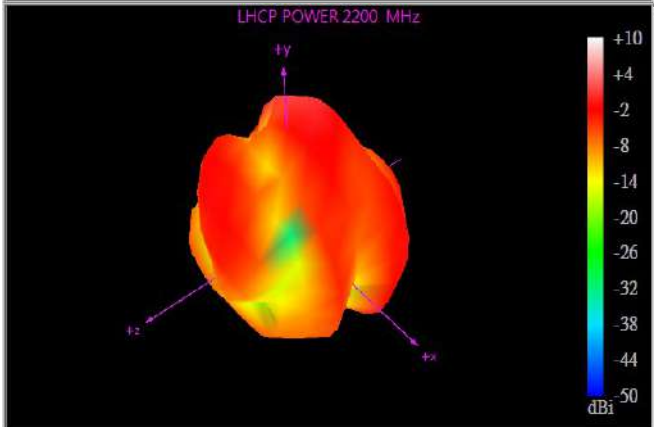
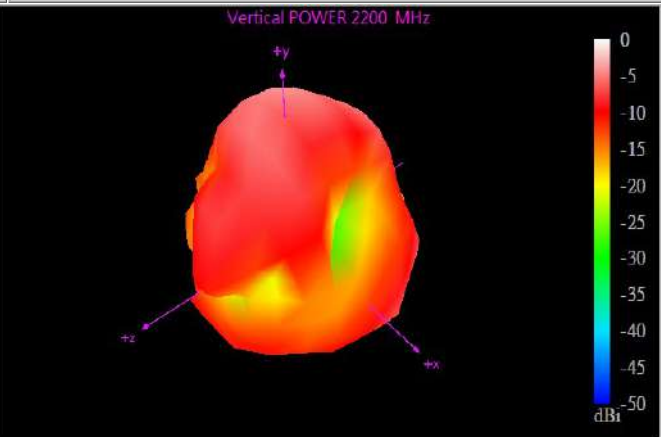
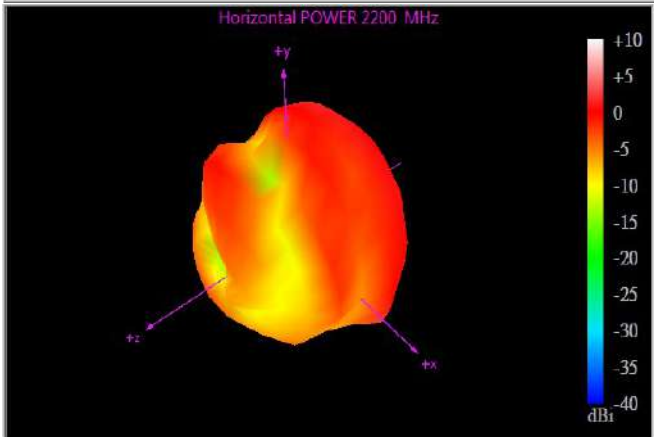
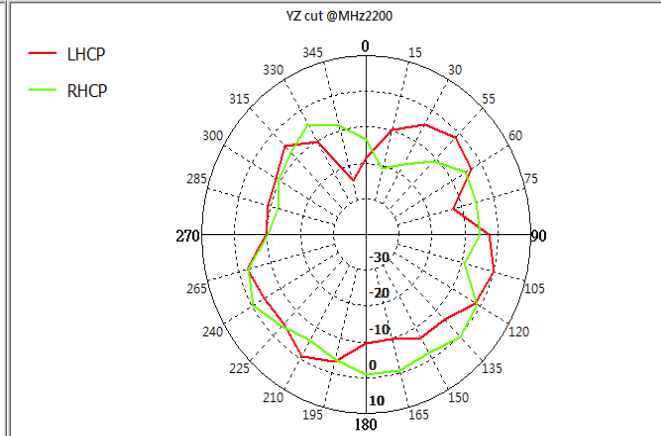
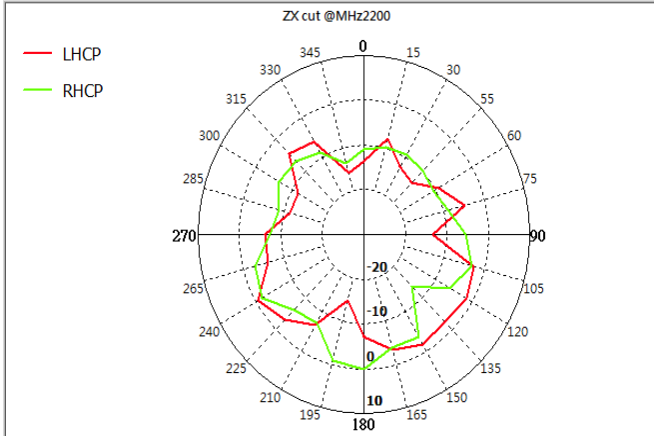
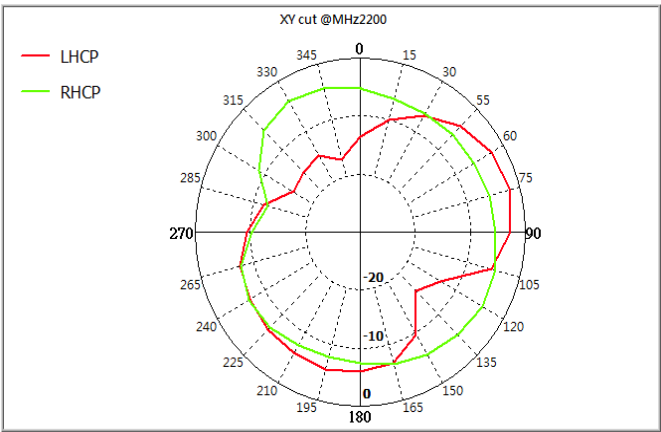
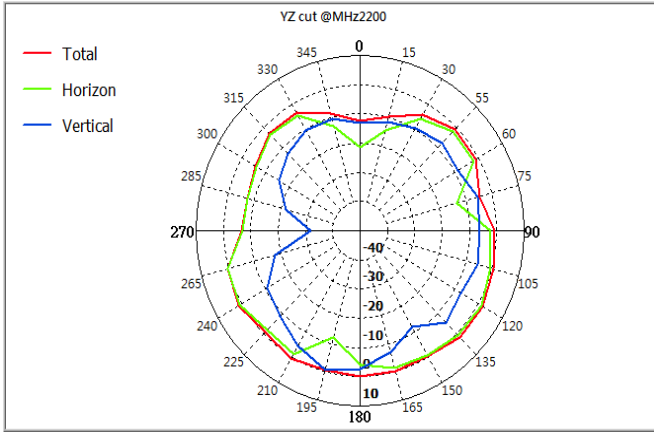


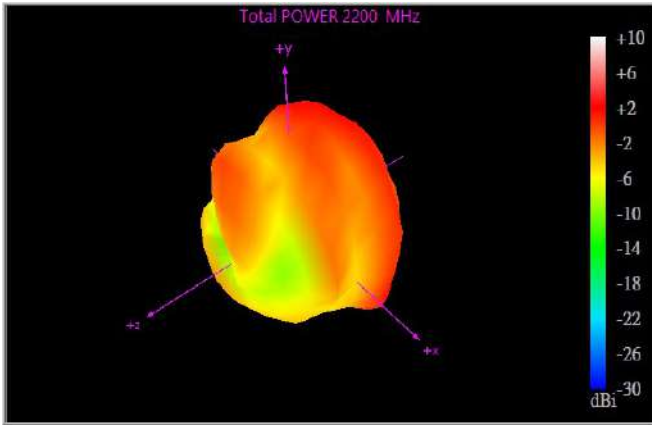




**2200Mhz:**







**2300MHz:**

