

S Band Antenna

MODEL: TH-2100



1. GENERAL DESCRIPTION

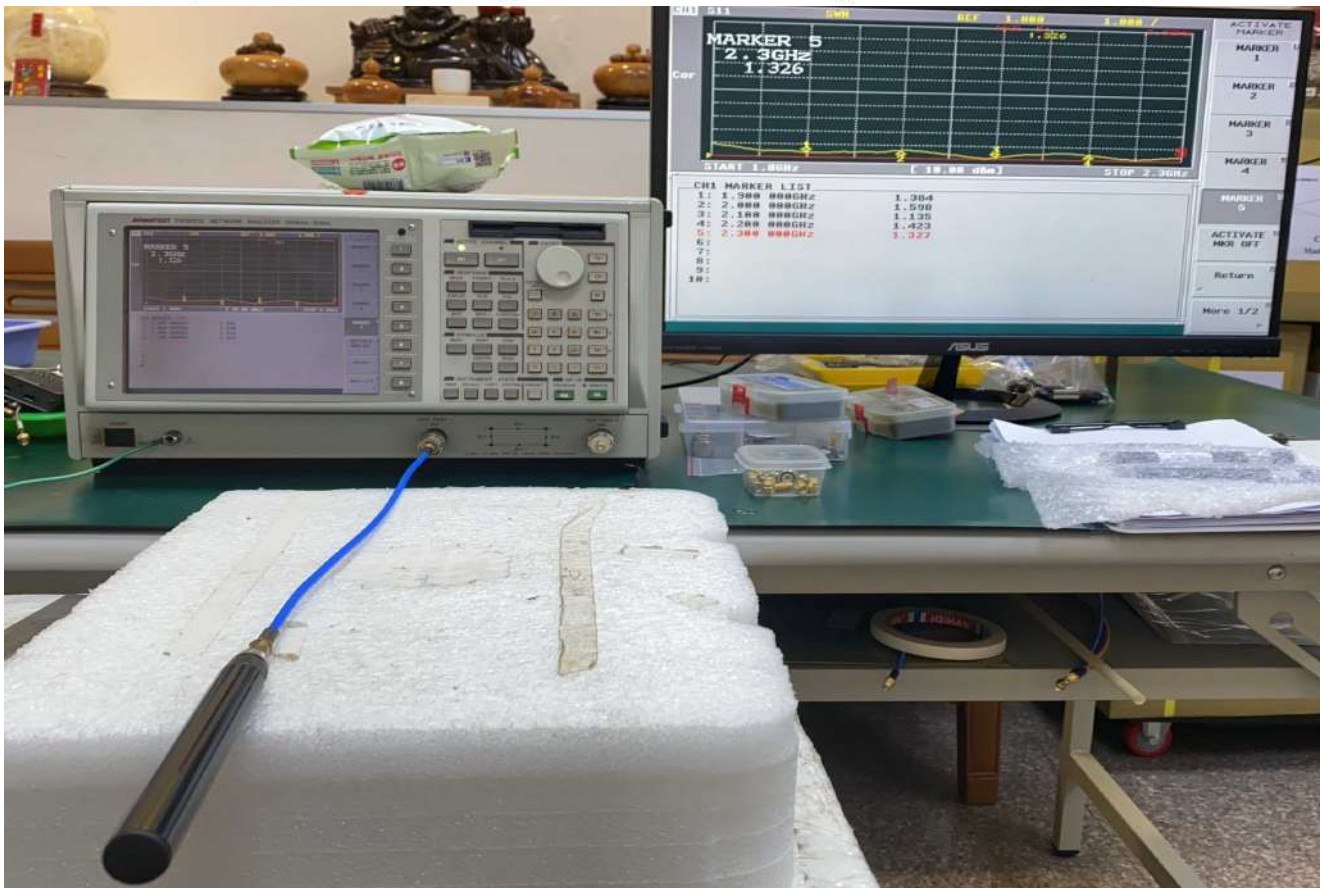
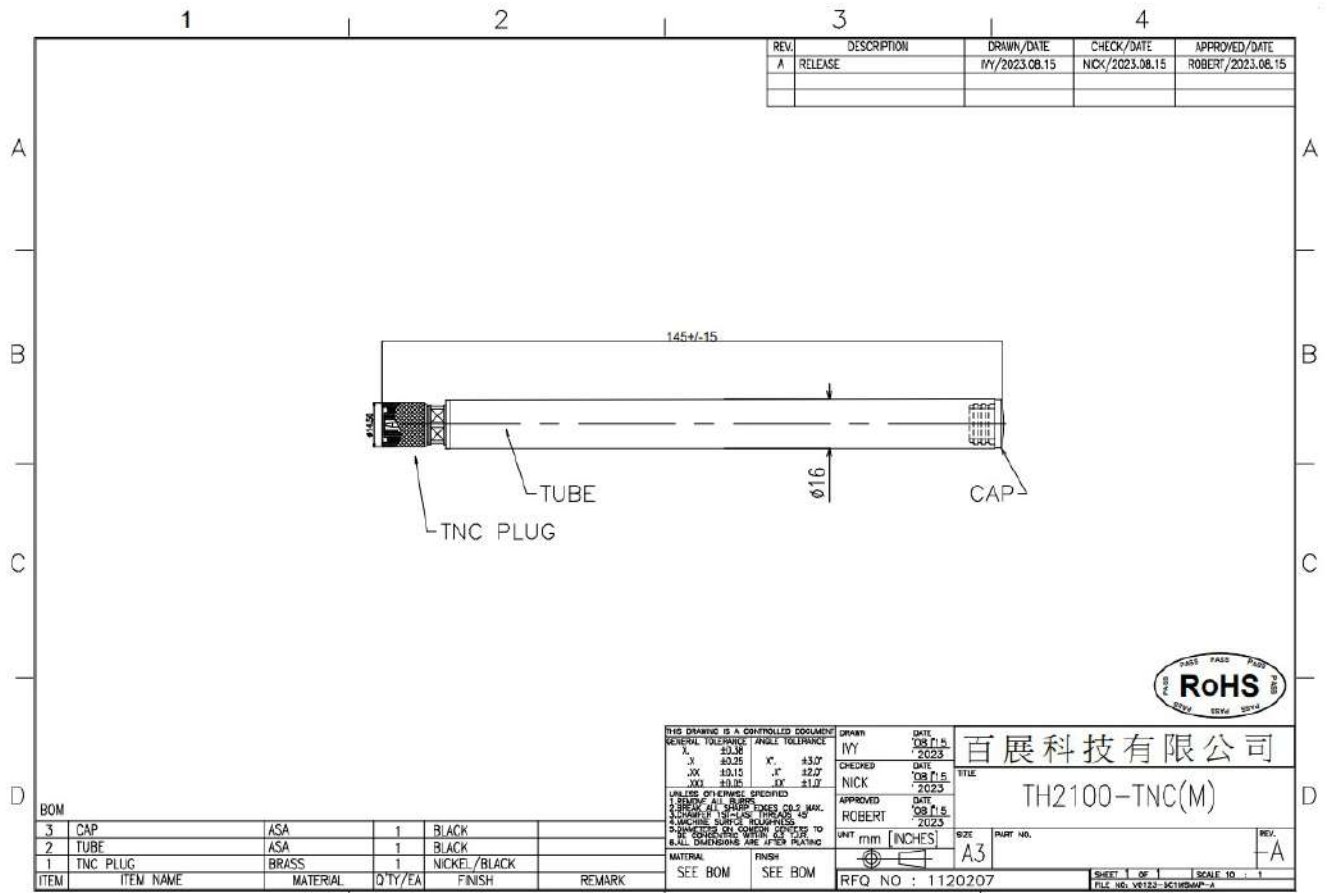
Model No
TH2100-TNC(M)

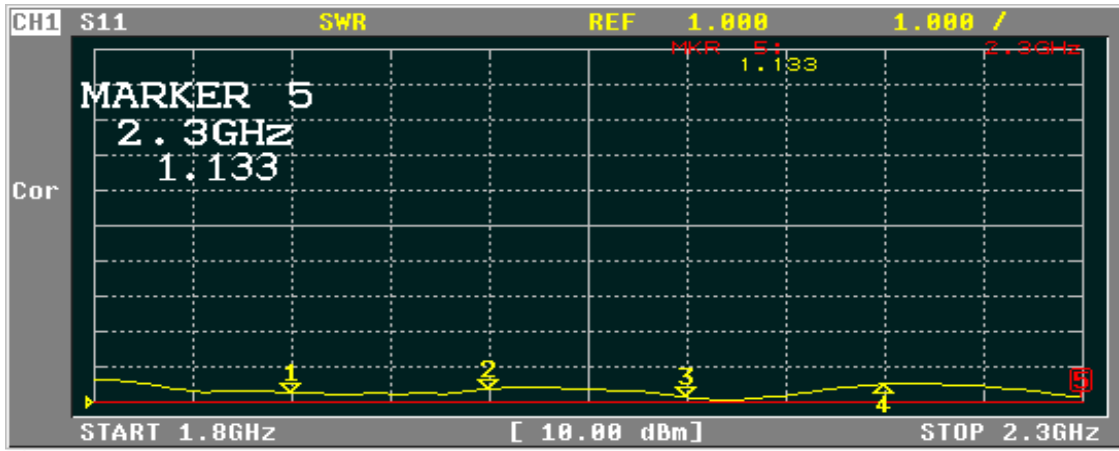
1.1 Electrical Properties

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)
Antenna Dimensions	Ø16 x 145mm ±15
Antenna Color	Black
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C





ACTIVATE MARKER

MARKER 1

MARKER 2

MARKER 3

MARKER 4

MARKER 5

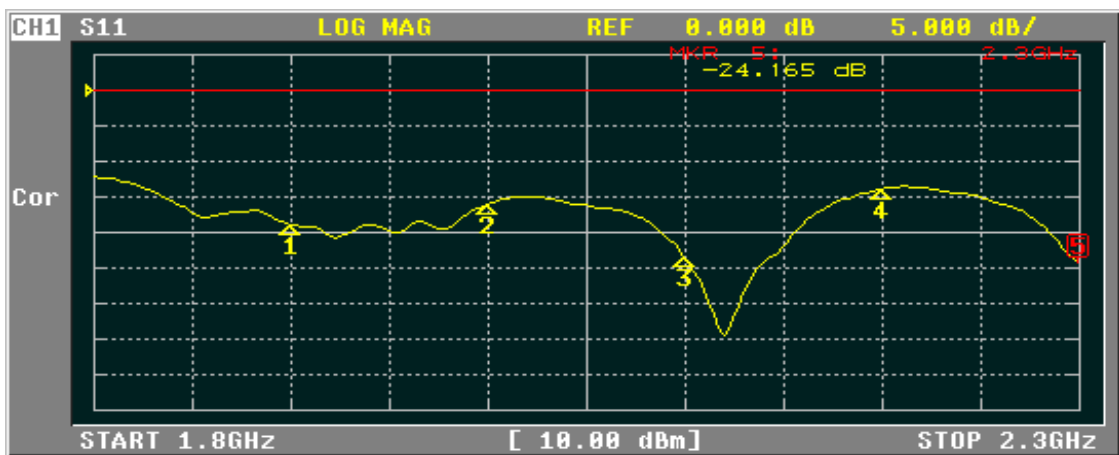
ACTIVATE MKR OFF

Return

More 1/2

CH1 MARKER LIST

1:	1.900 000GHz	1.251
2:	2.000 000GHz	1.371
3:	2.100 000GHz	1.142
4:	2.200 000GHz	1.519
5:	2.300 000GHz	1.133
6:		
7:		
8:		
9:		
10:		



FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

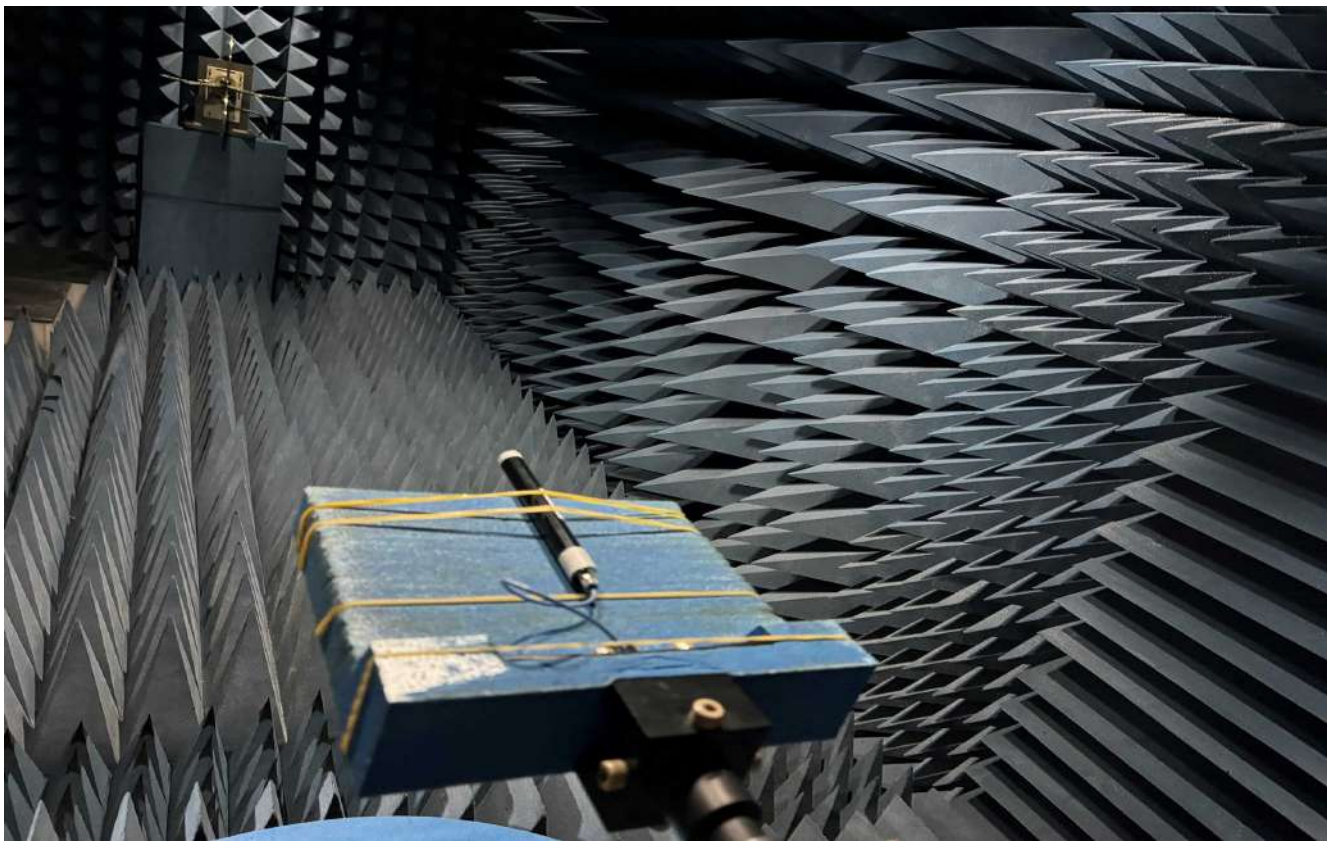
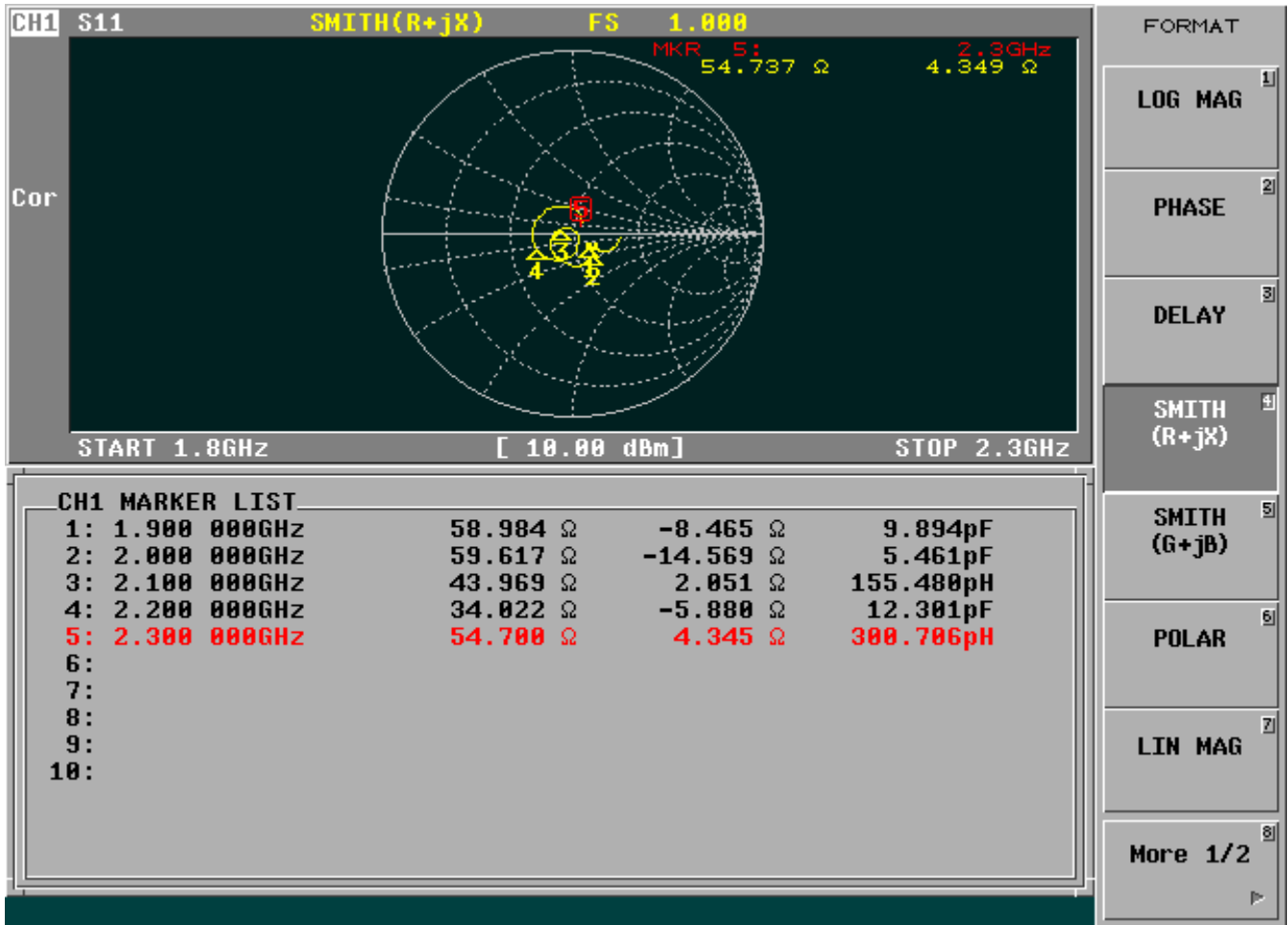
POLAR

LIN MAG

More 1/2

CH1 MARKER LIST

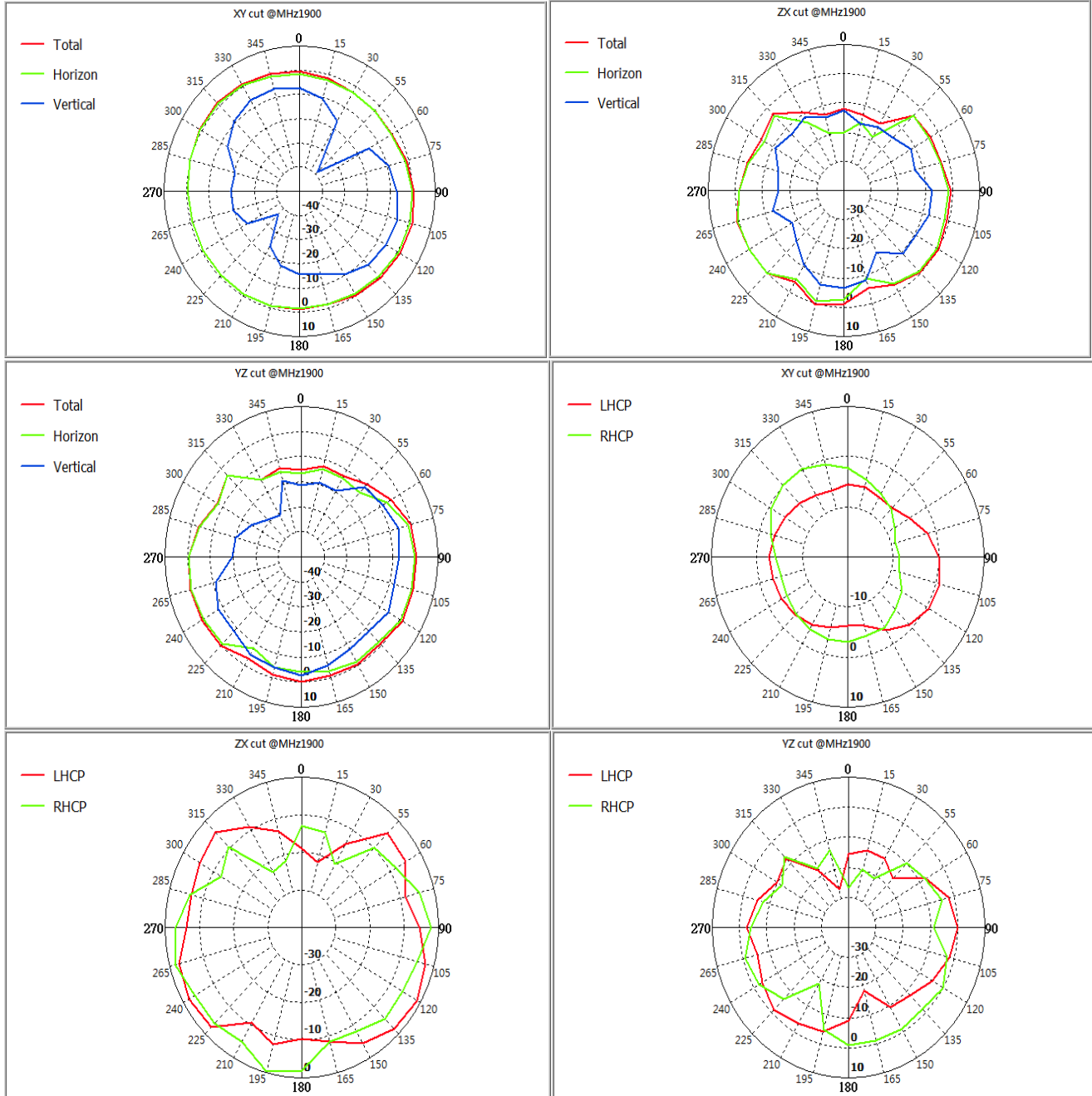
1:	1.900 000GHz	-18.955 dB
2:	2.000 000GHz	-16.011 dB
3:	2.100 000GHz	-23.369 dB
4:	2.200 000GHz	-13.898 dB
5:	2.300 000GHz	-24.118 dB
6:		
7:		
8:		
9:		
10:		

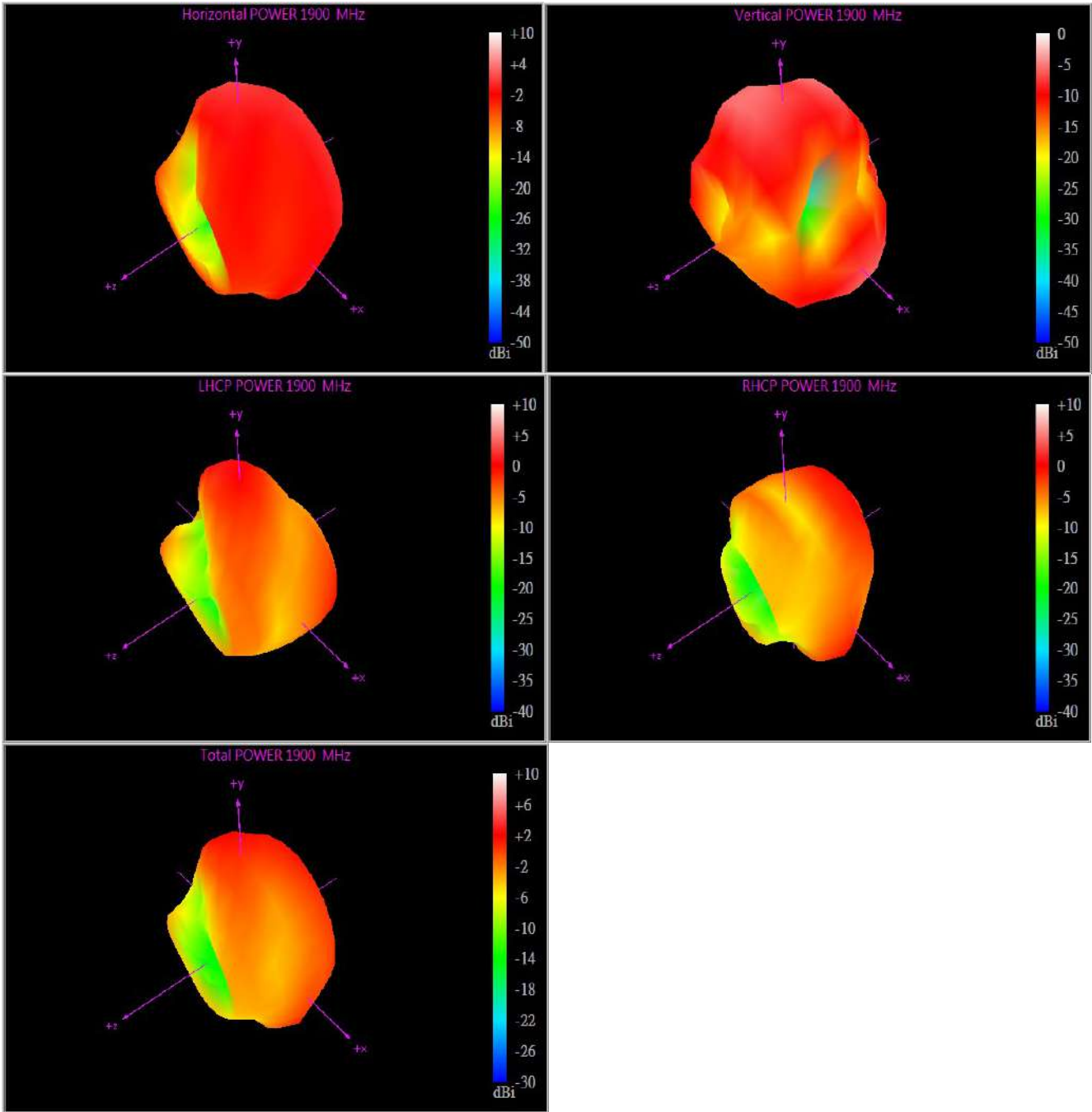


3D Total

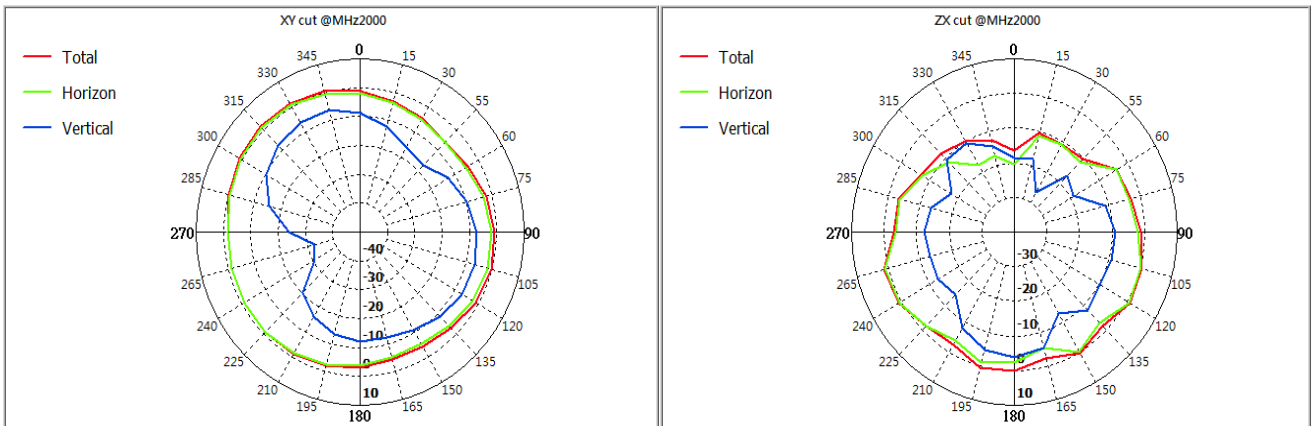
Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
1900 MHz	-7.10	-3.58	-1.99	63.28	1.98	-1.99
2000 MHz	-8.42	-2.95	-1.87	65.09	2.84	-1.87
2100 MHz	-9.16	-2.88	-1.96	63.67	3.73	-1.96
2200 MHz	-7.56	-3.49	-2.05	62.36	3.27	-2.05

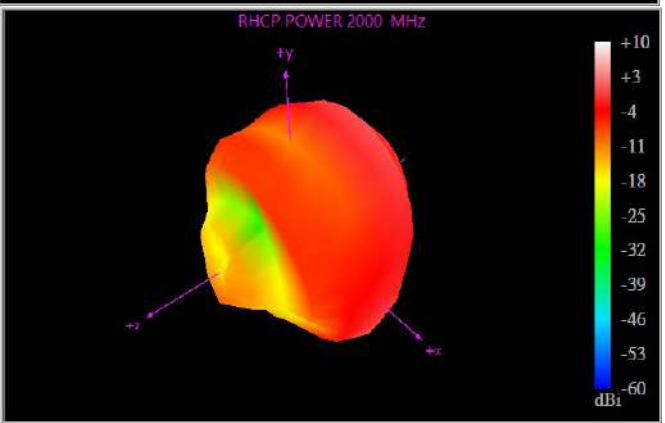
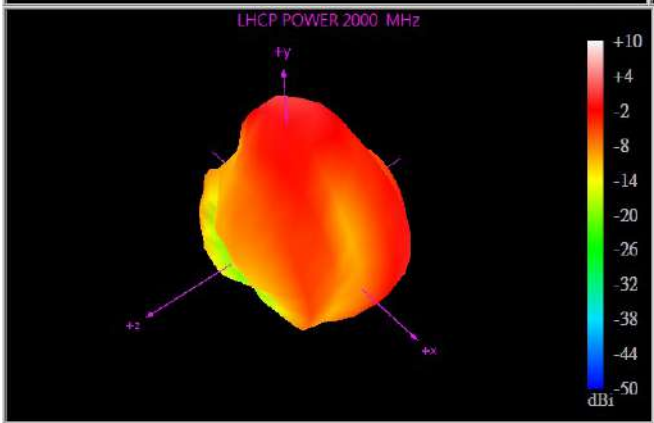
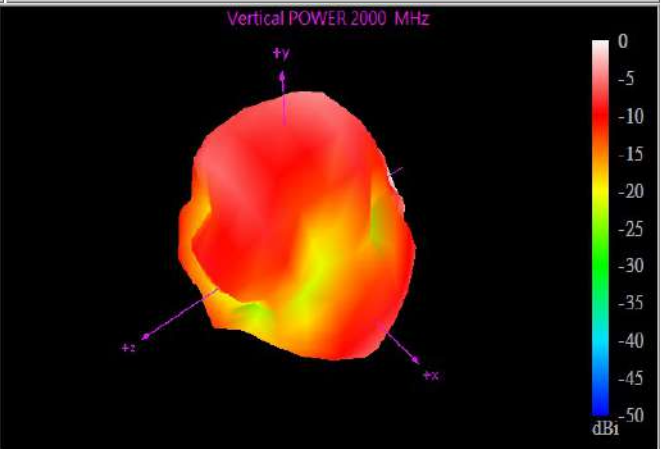
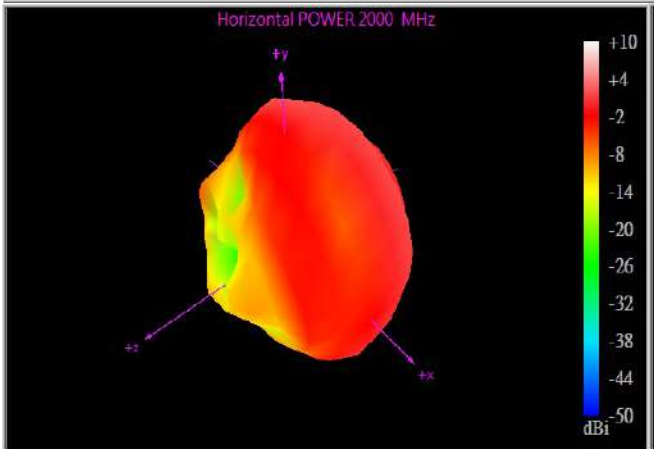
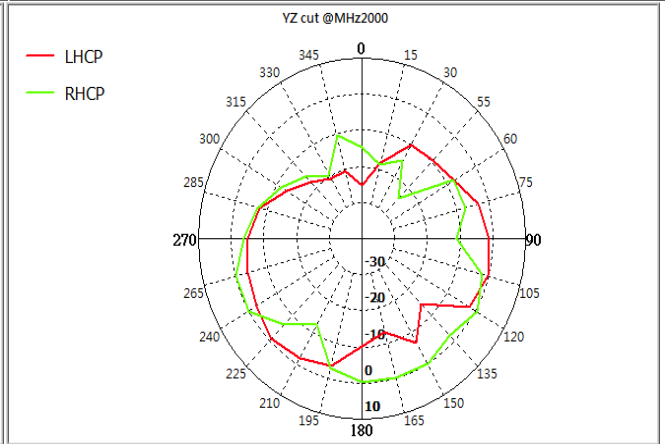
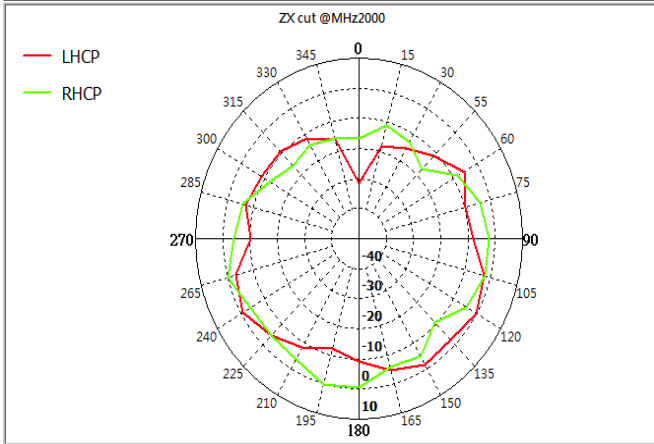
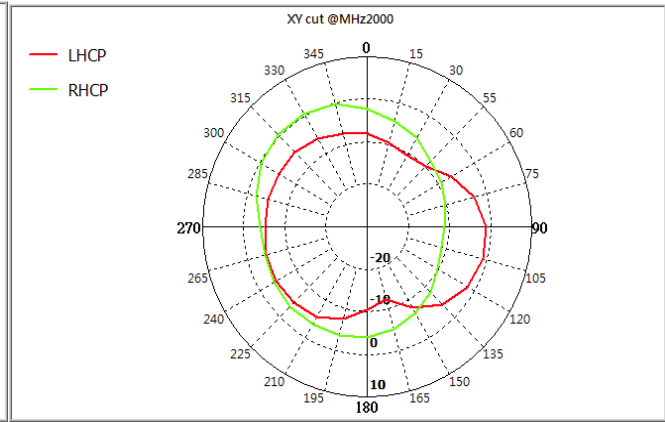
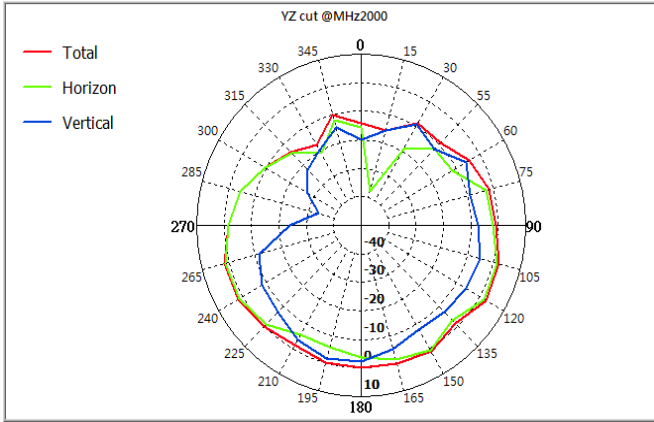
1900Mhz:

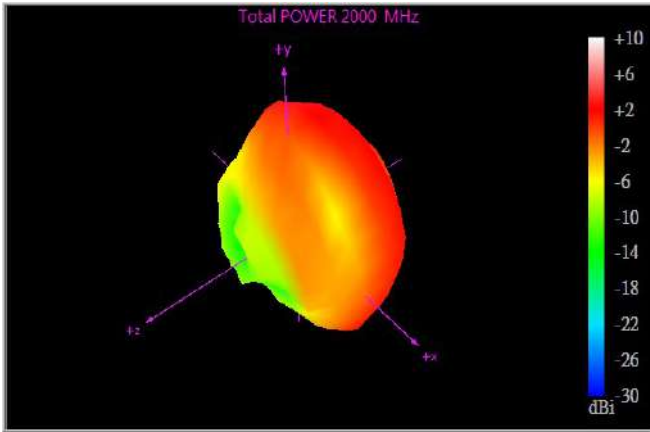




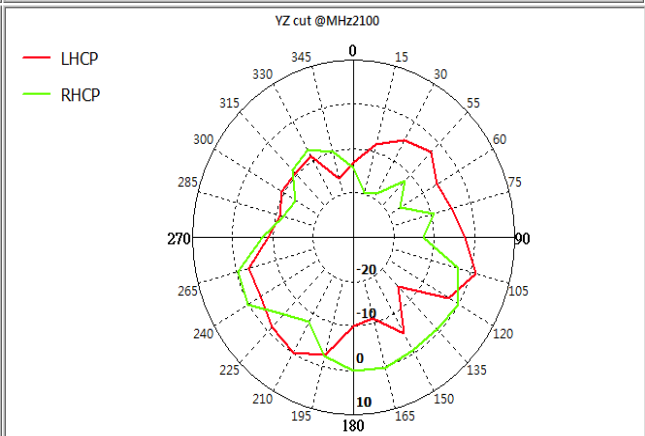
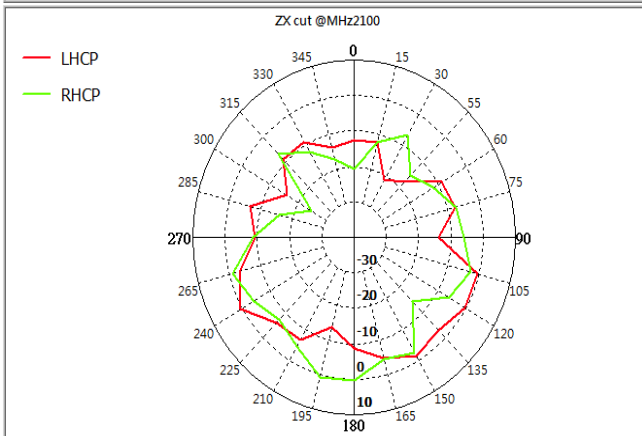
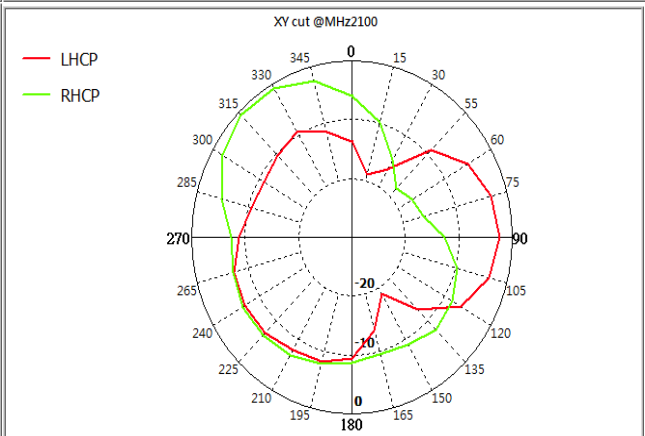
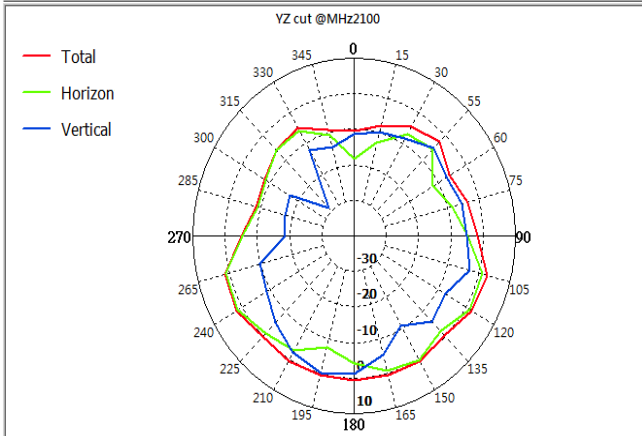
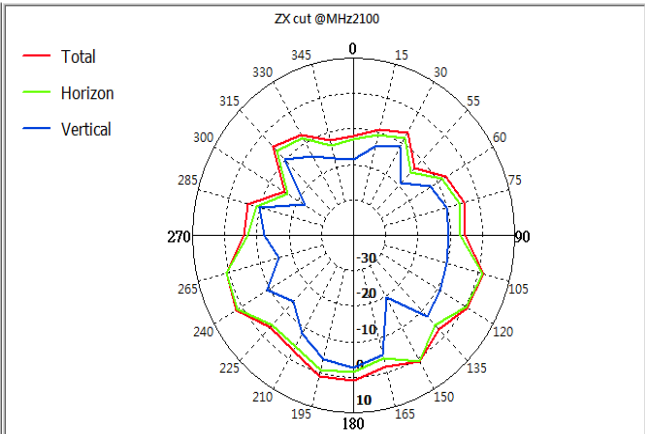
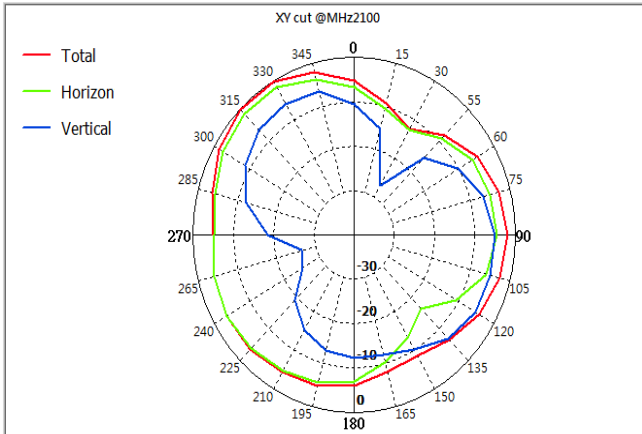
2000Mhz:

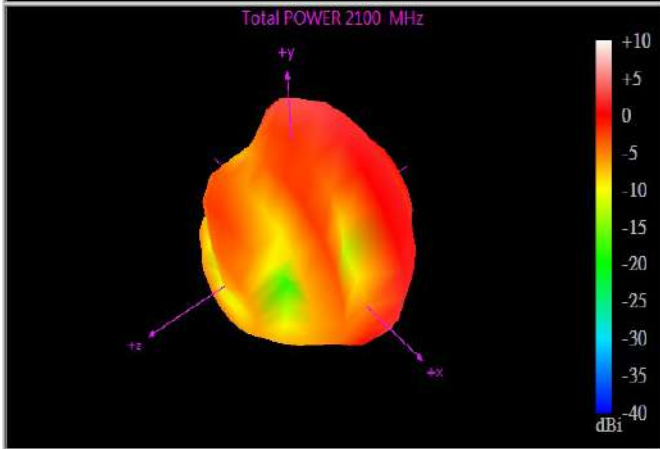
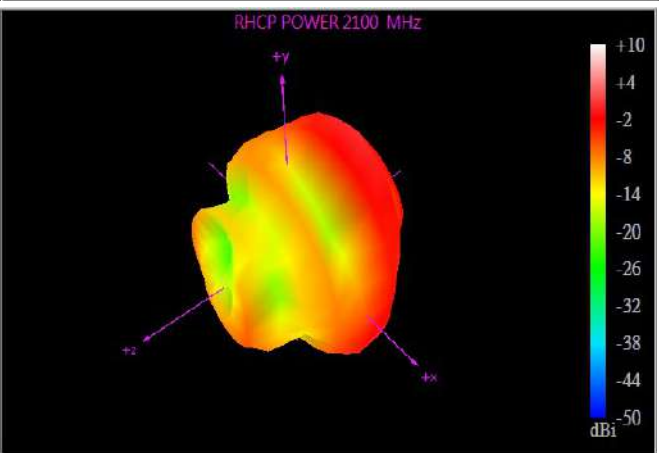
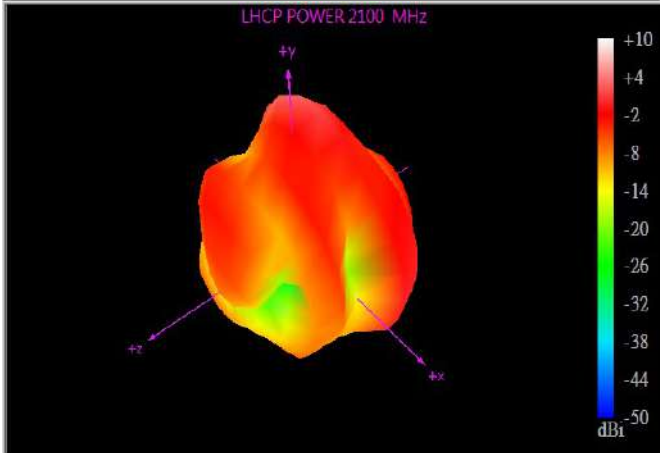
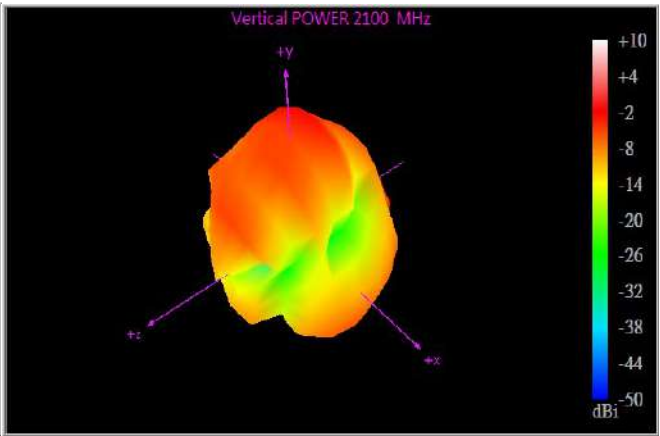
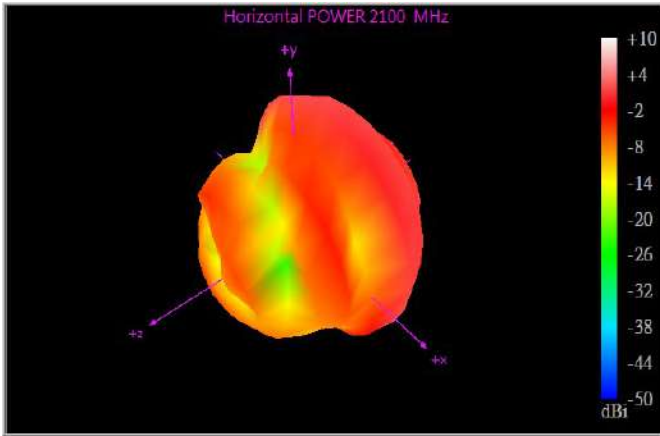




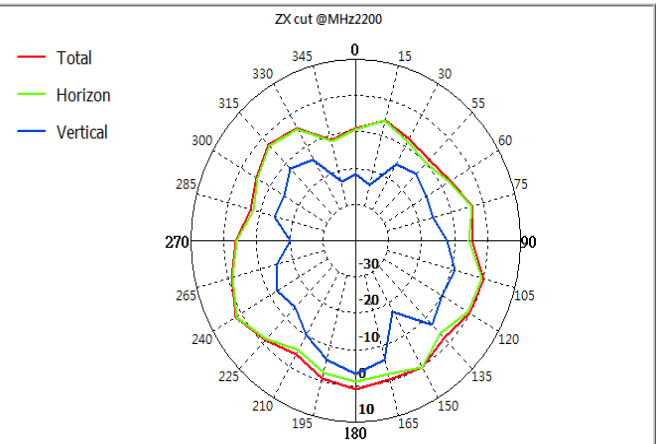
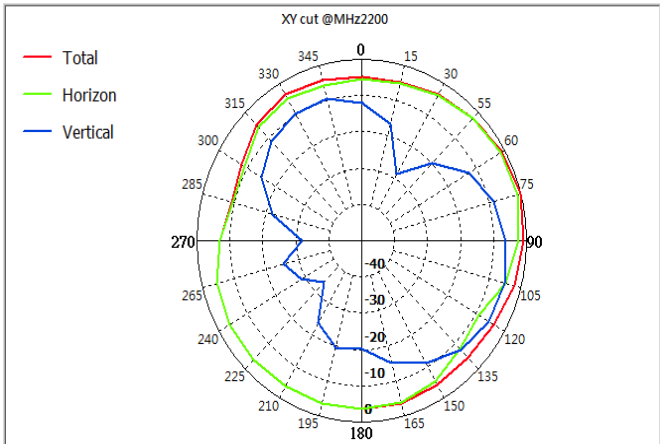


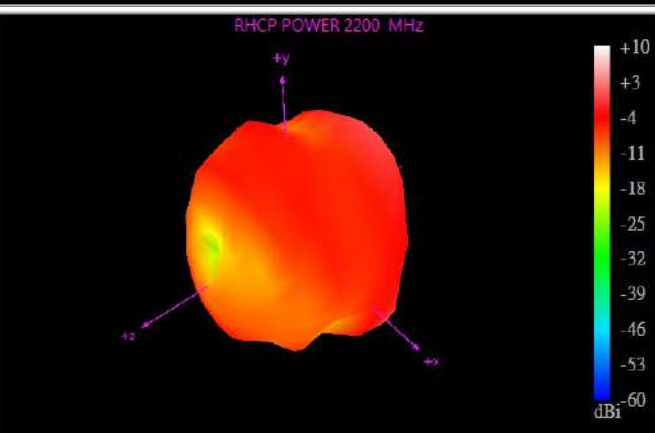
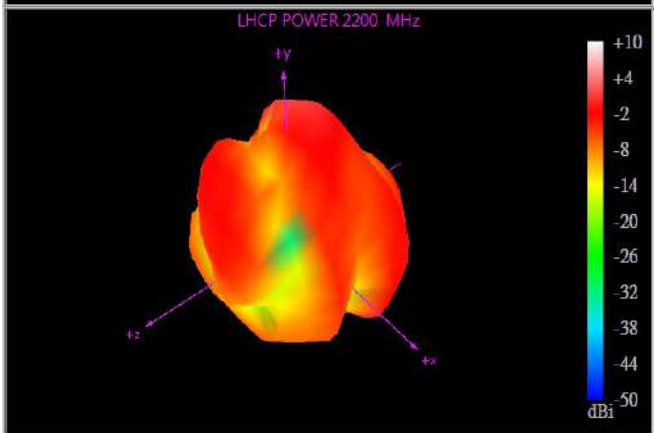
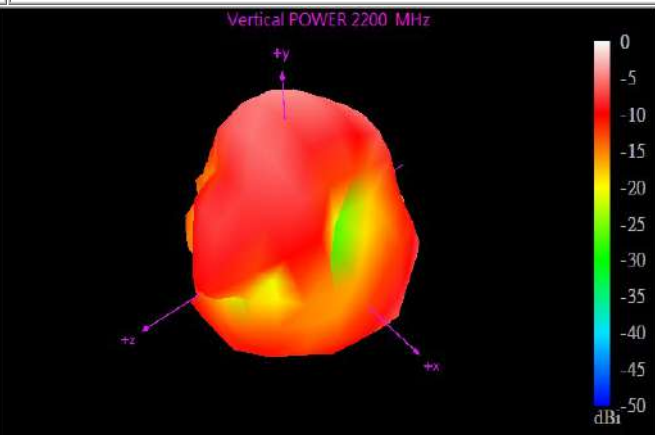
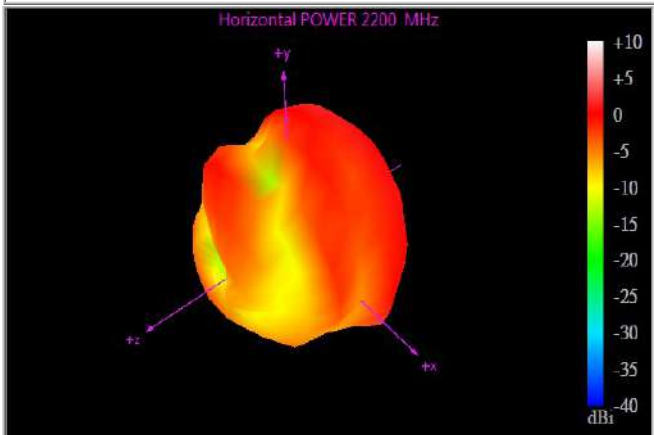
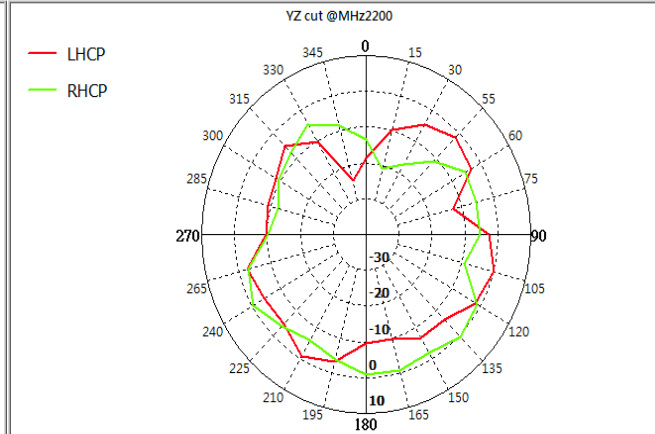
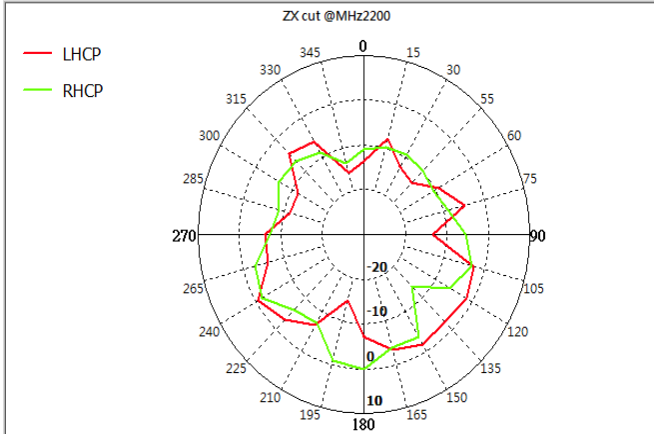
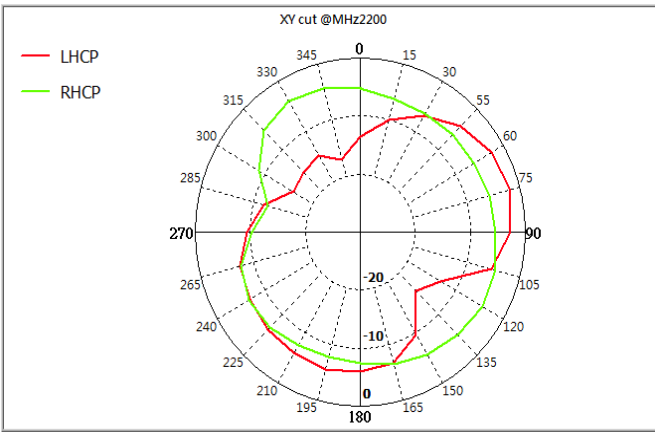
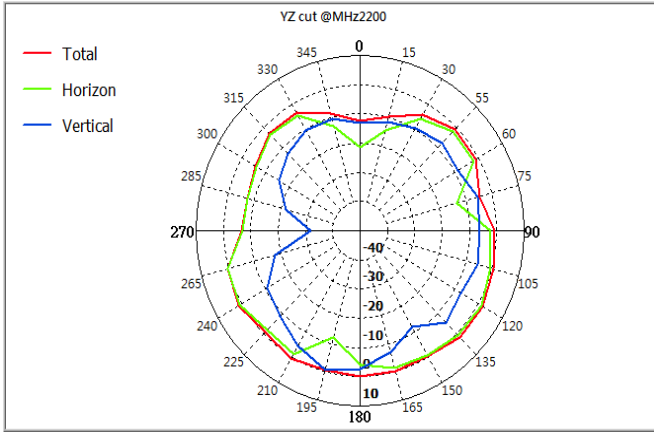
2100Mhz:

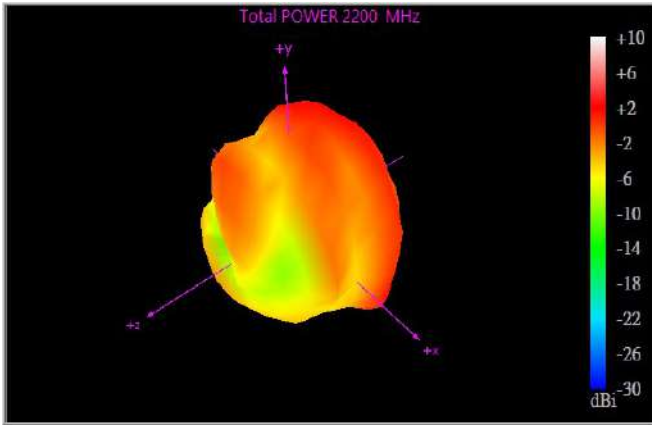




2200Mhz:







2300MHz:

