



CHINMORE INDUSTRY CO.,LTD

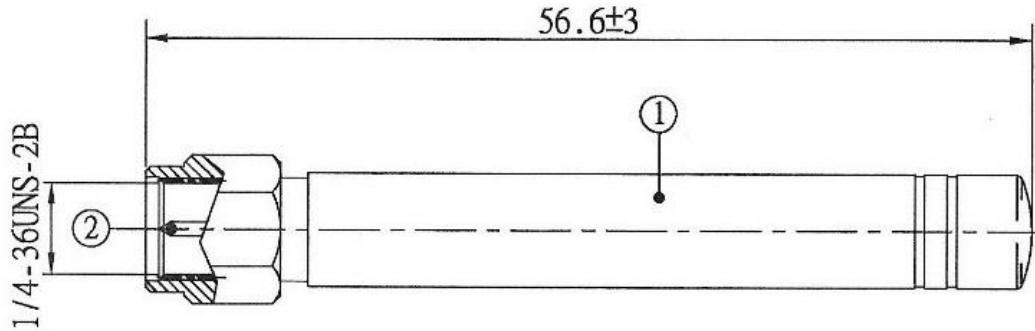
Specification

1. Product Type: 3G Antenna
2. *Chinmore's* No: EM-W231JANT0-058
3. Frequency: 800/900/1800/1900/2100 MHz
4. VSWR: 2.0:1
5. Impedance: 50 Ω
6. Connector: SMA (M) ST
7. Color: Black
8. Polarization: Vertical
9. Operating Temperature Range: -20°C ~+60°C
10. Storage Temperature Range: -30°C ~+70°C





✘RoHS Compliant

✘ISO 9001 & ISO 14001

NO.	NAME	FINISH	Q, TY
01	Core tube	Black	01
02	SMA 180° (Male)	Nickel plating	01



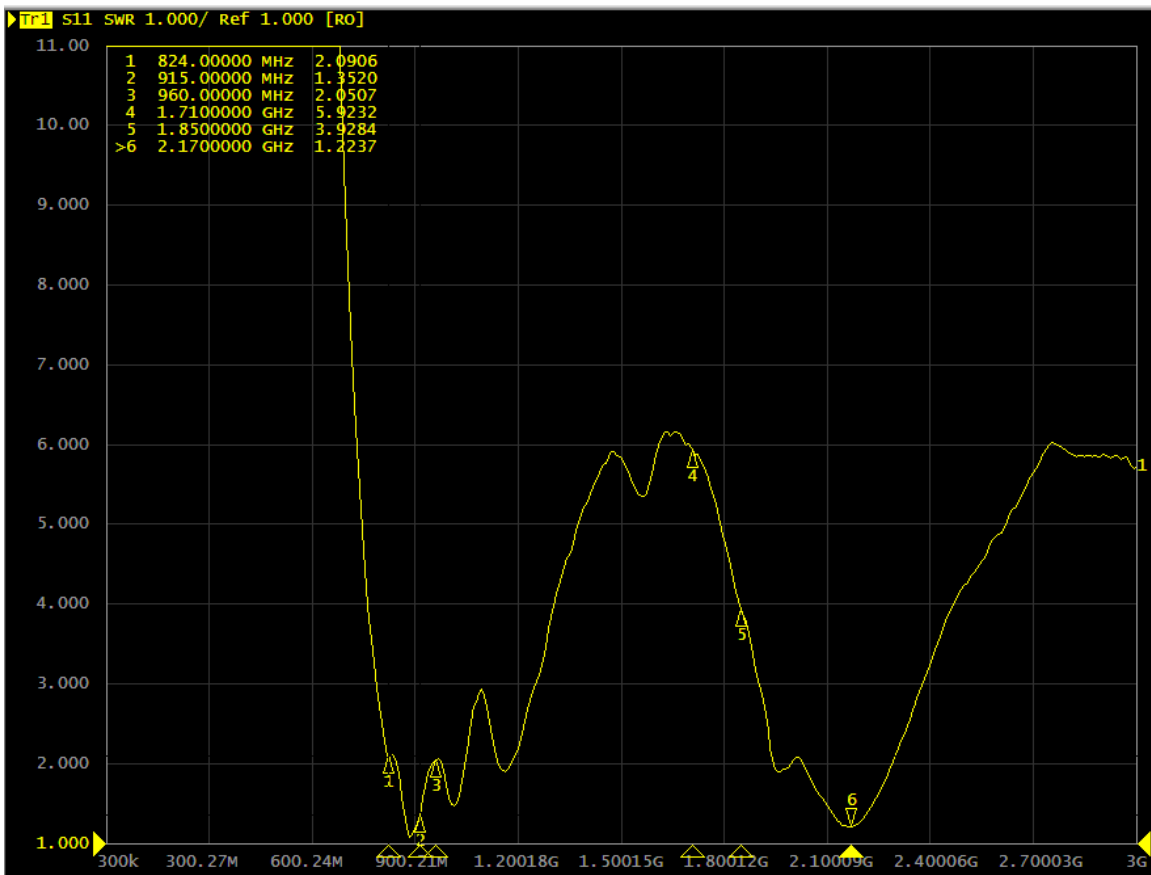
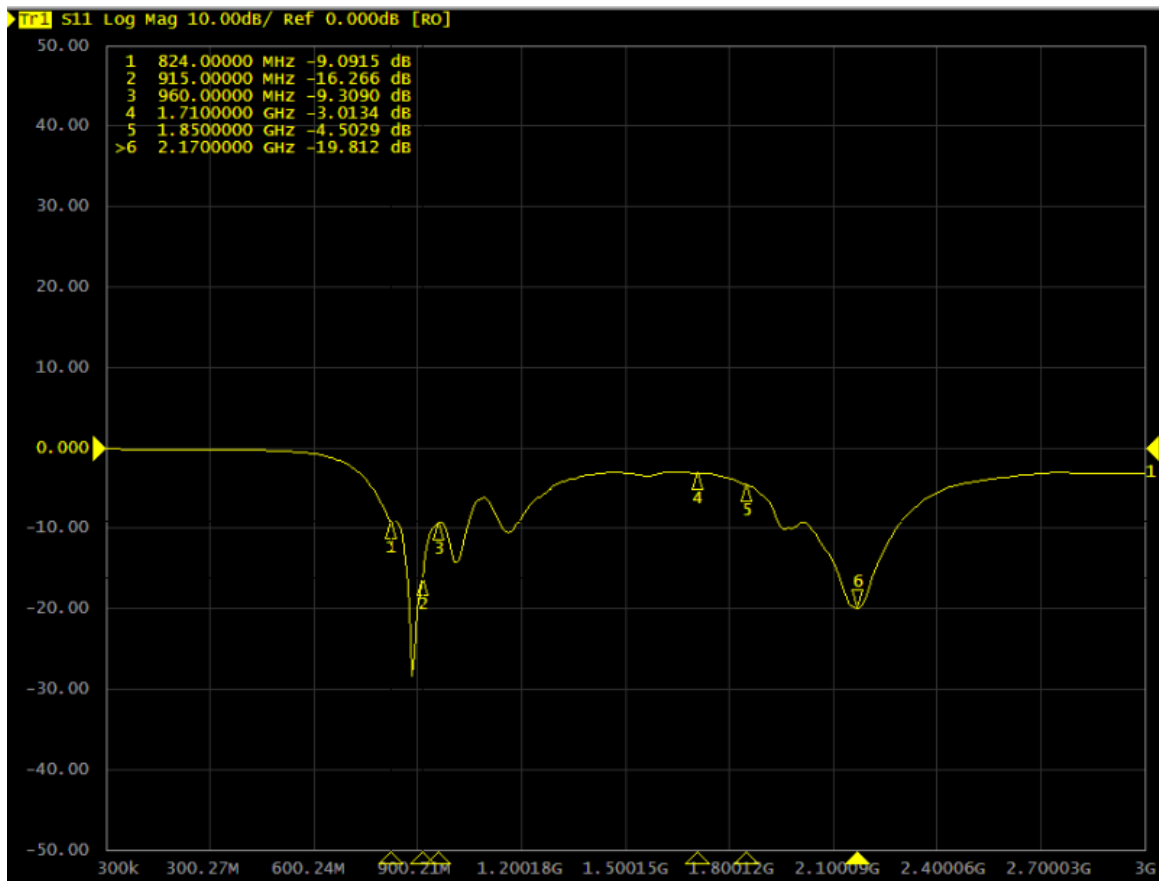
EM-W231JANT0-058

 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					800/900/1800/1900/2100MHz	M/M		20091029
竣茂工業有限公司	TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED		DRAWING	DESIGNED
	SURFACE ROUGHNESS		APPEARANCE	EA-231J				

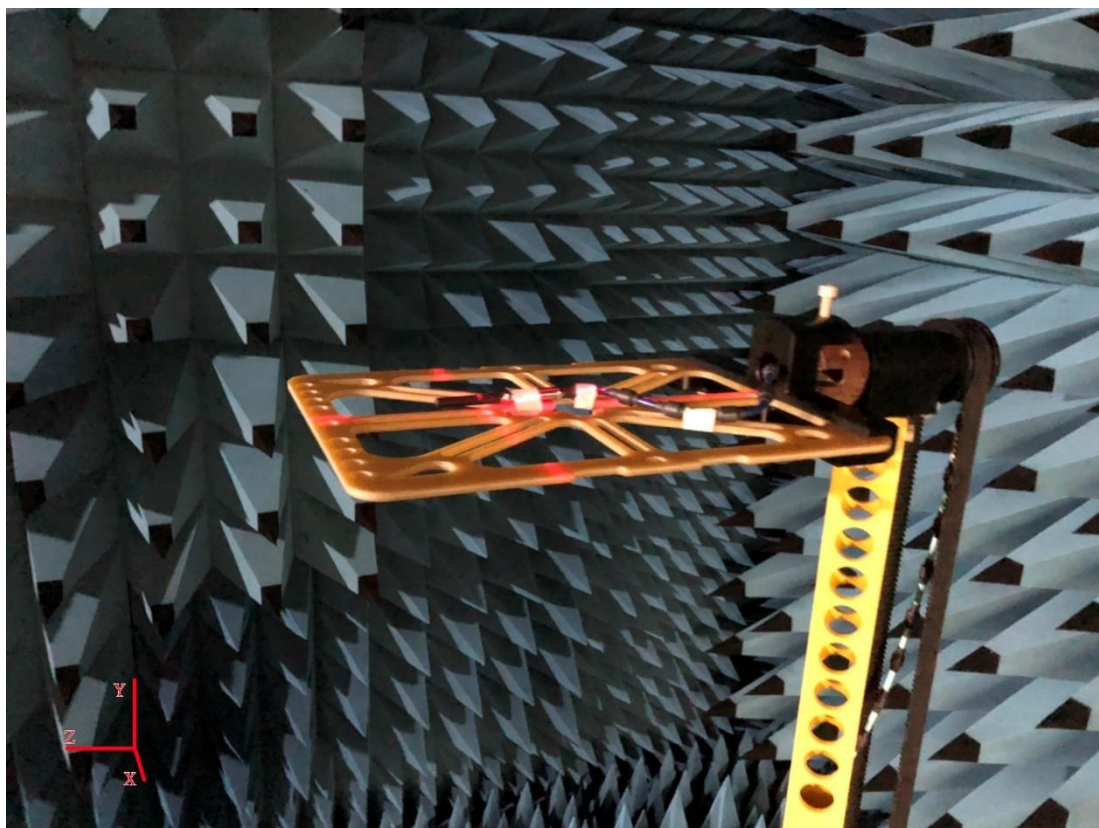
12/30

Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
824	-9.09	2.09	8.73	-6.8
915	-16.26	1.35	16.03	-3.74
960	-9.30	2.05	19.86	-2.35
1710	-3.01	5.92	30.13	-0.63
1850	-4.50	3.92	36.48	0.73
2170	-19.81	1.22	18.32	-3.24

Test Data(Return Loss & VSWR)

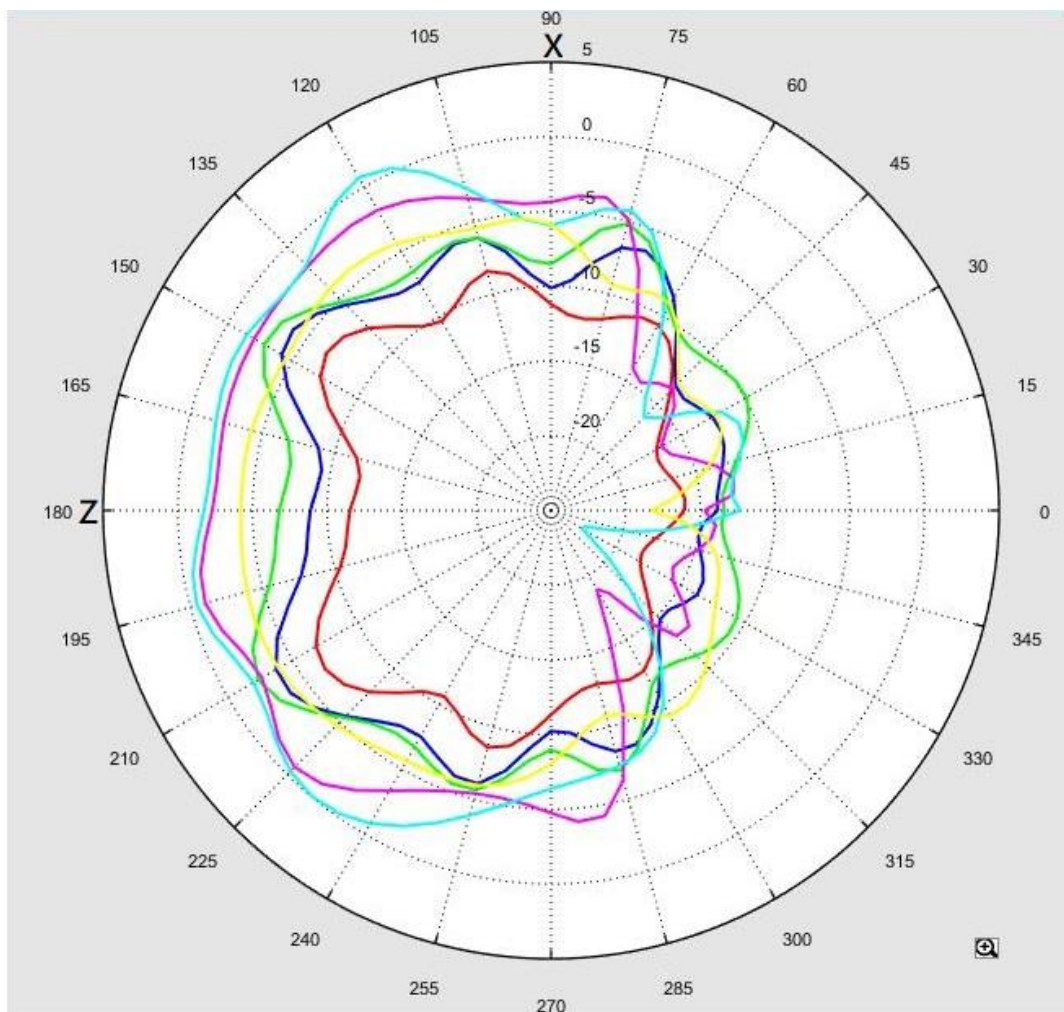


3D Test Photo

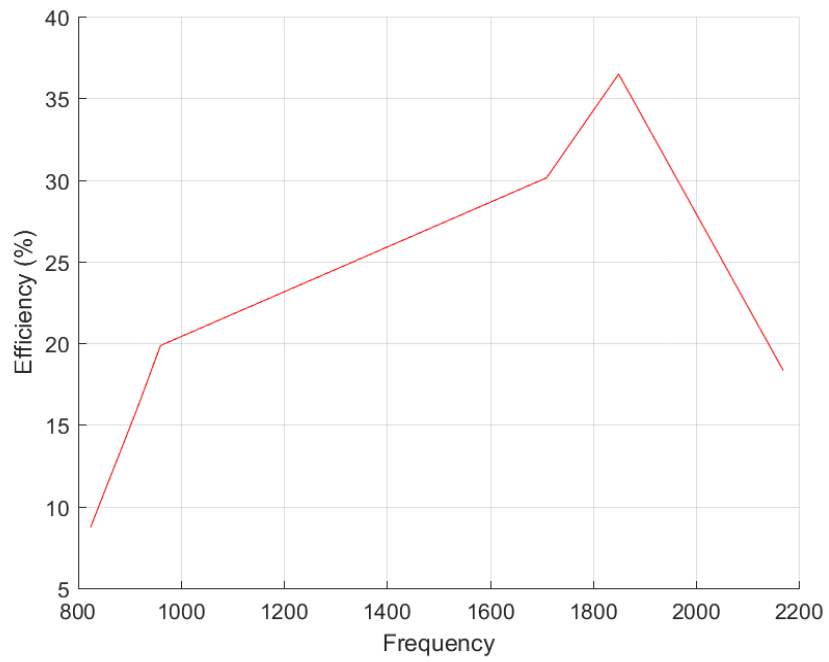


3D Test Data

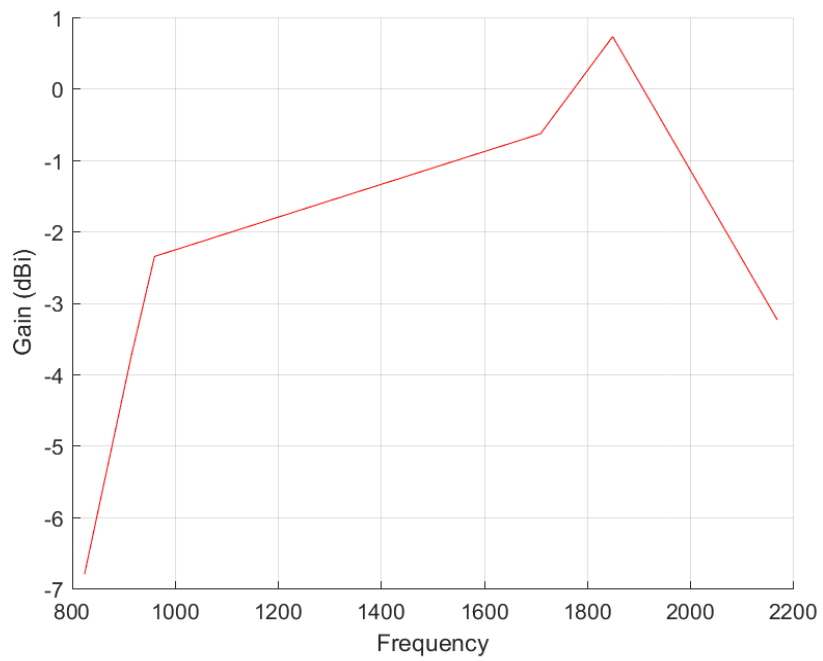
Freq. / Chan.	Color
824MHz	Red
915MHz	Blue
960MHz	Green
1.71GHz	Magenta
1.85GHz	Cyan
2.17GHz	Yellow



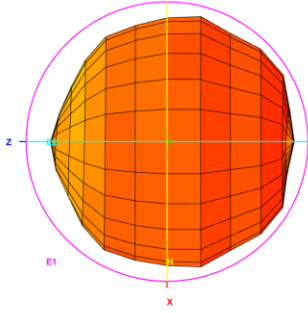
Total_Efficiency (%)



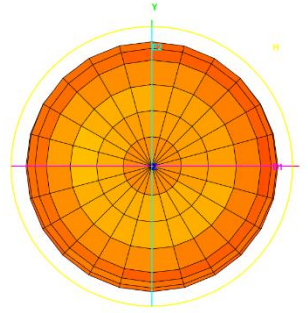
Total_Gain (dBi)



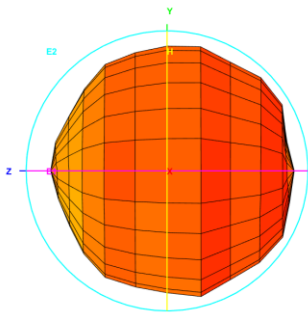
Total_3D_Top View_824MHz



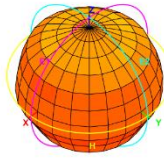
Total_3D_Front View_824MHz



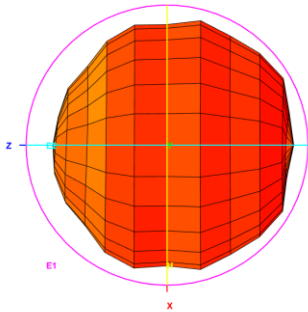
Total_3D_Left View_824MHz



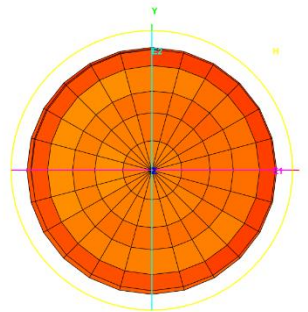
Total_3D_Side View 1_824MHz



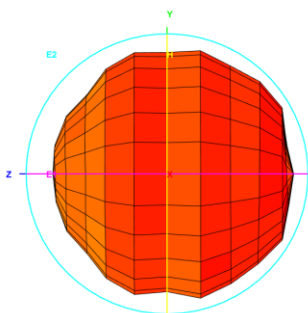
Total_3D_Top View_915MHz



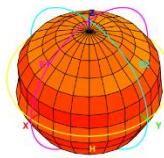
Total_3D_Front View_915MHz



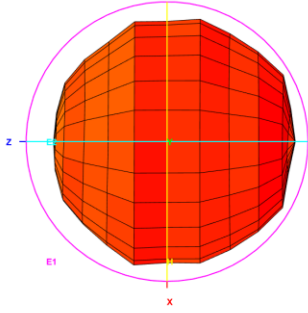
Total_3D_Left View_915MHz



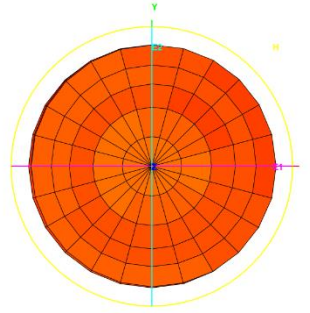
Total_3D_Side View 1_915MHz



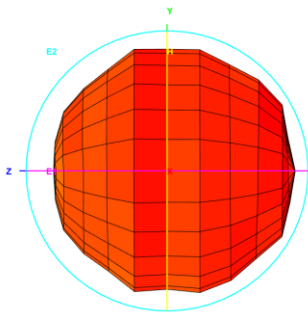
Total_3D_Top View_960MHz



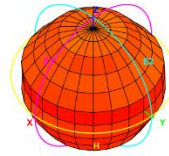
Total_3D_Front View_960MHz



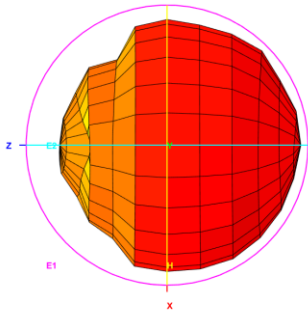
Total_3D_Left View_960MHz



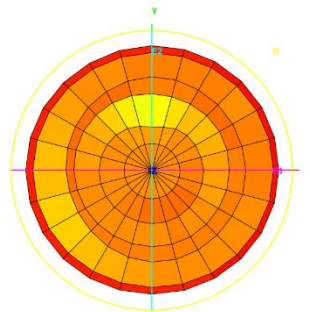
Total_3D_Side View 1_960MHz



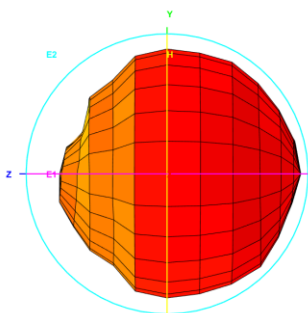
Total_3D_Top View_1.71GHz



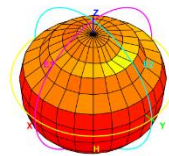
Total_3D_Front View_1.71GHz



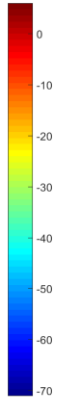
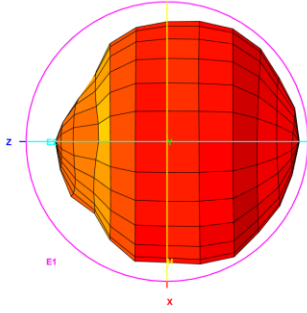
Total_3D_Left View_1.71GHz



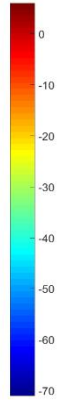
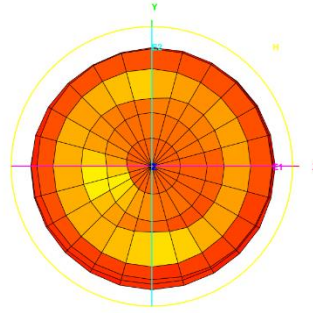
Total_3D_Side View 1_1.71GHz



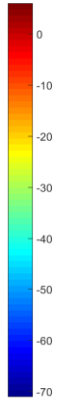
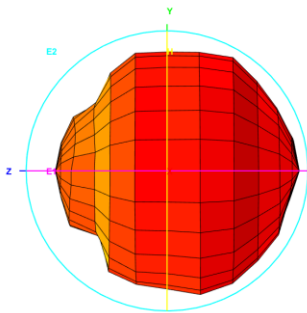
Total_3D_Top View_1.85GHz



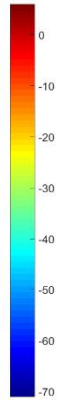
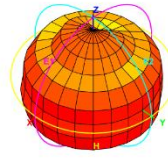
Total_3D_Front View_1.85GHz



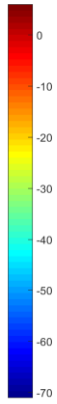
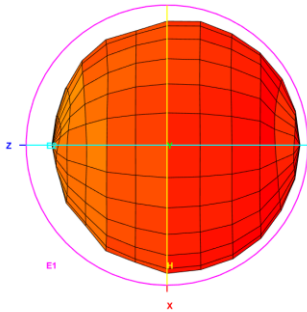
Total_3D_Left View_1.85GHz



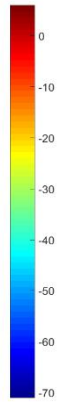
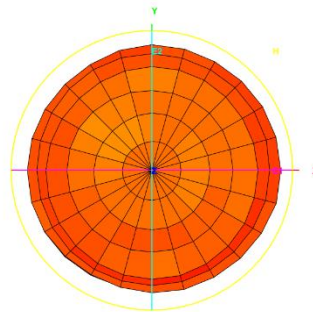
Total_3D_Side View 1_1.85GHz



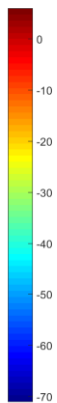
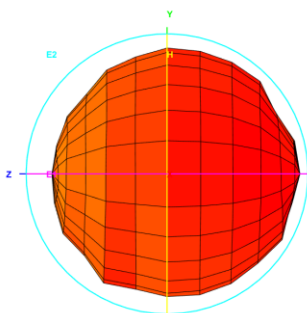
Total_3D_Top View_2.17GHz



Total_3D_Front View_2.17GHz



Total_3D_Left View_2.17GHz



Total_3D_Side View 1_2.17GHz

