



# CHINMORE INDUSTRY CO.,LTD

## Specification

1. Rubber Stubby Antenna for 4G/LTE
2. *Chinmore's* No: EM-MT56ANT00-674
3. Frequency: 698~2700 MHz
4. VSWR: 2.0:1
5. Connector: 90° Hinged R/A SMA(M)
6. Gain: 1~3 dBi

✧RoHS Compliant

✧ISO 9001 & ISO 14001

Frequency	Peak gain(dBi)	V.S.W.R	Average gain	Impedance	Connector
698-960MHz	0	5.0:1 Max	-1 dBi	50Ω	SMA PLUG
1710-2170MHz	1.5	3.5:1 Max	-0.5 dBi		
2300-2700MHz	3	2.5:1 Max	-1 dBi		

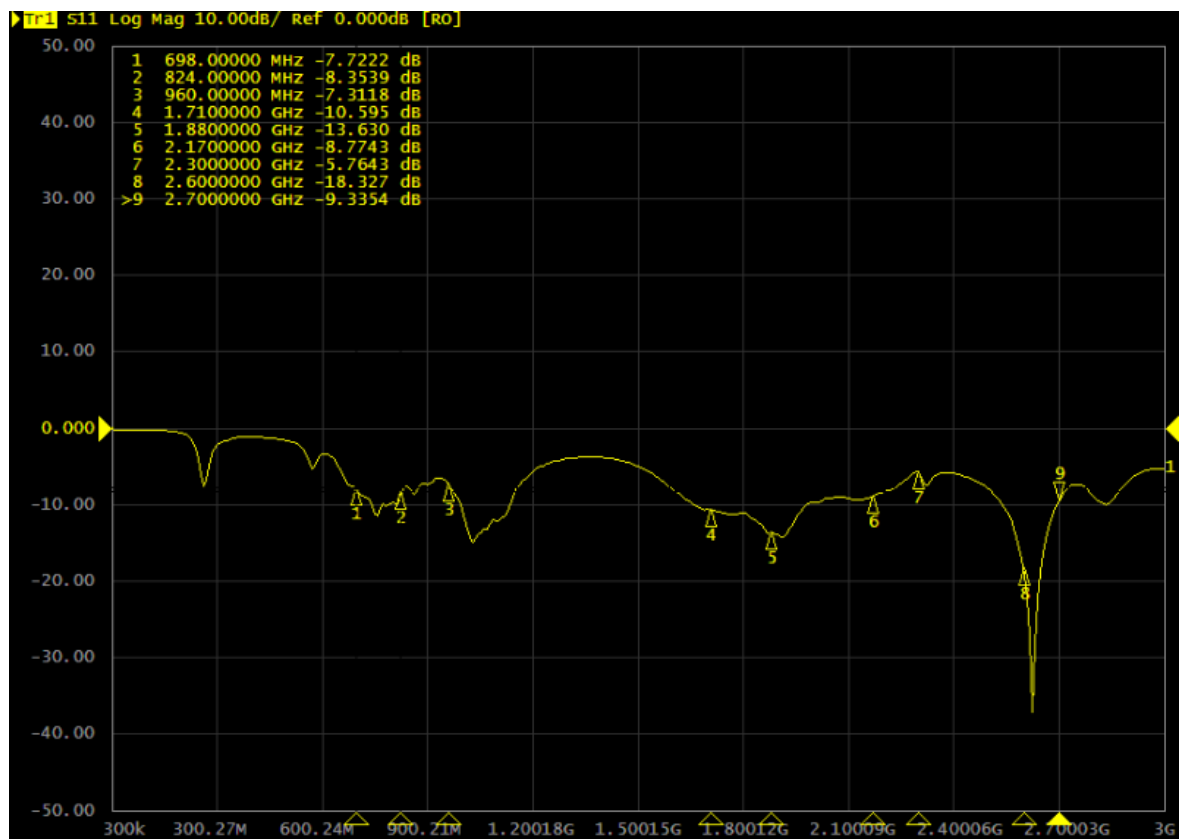
ISO 9001  
ISO 14001

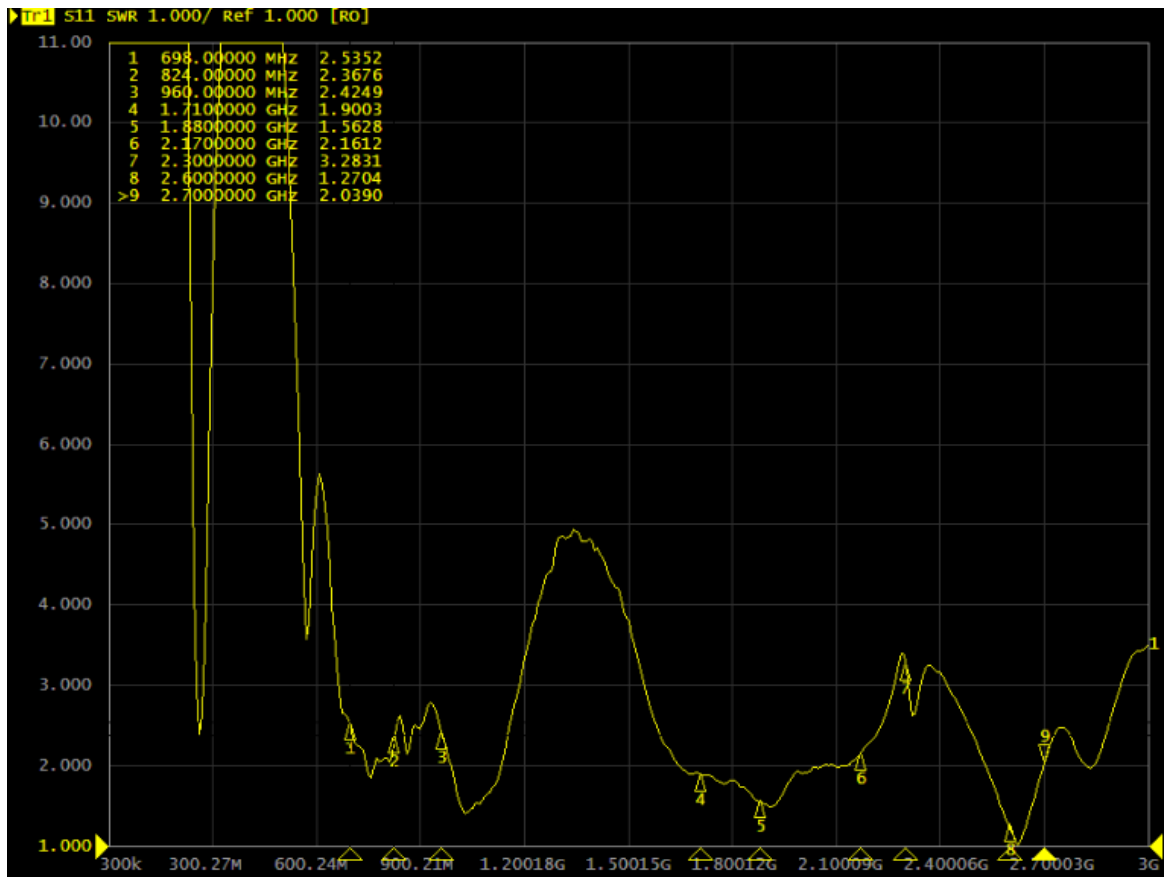
Material:		Treatment:		竣茂工業有限公司 Chinmore Industry CO .LTD			
Drawer	Design	Approv	Tolerance	Unit:		TITLE	MT56 ANT
			X=±0.5	mm			
			X=±0.2	Ver: A	Scale 1:1	Model NO	
			XX=±0.1	File NO: QR0402	Drawing NO	505-044-101	
			XXX=±0.05				

NO	DESCRIPTION	MATERIAL / FINISH	QTY
Part NO	EM-MT56ANT00-674		

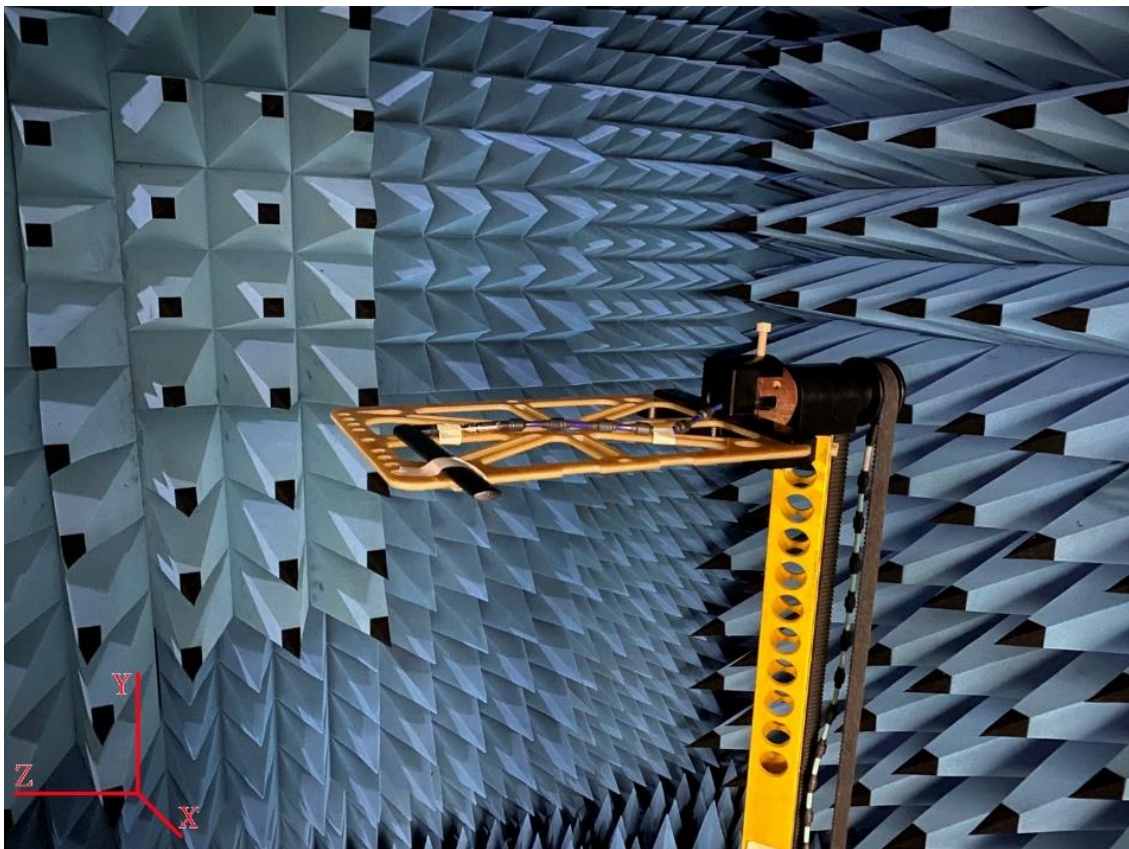
Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dB)
698	-7.72	2.53	38.73	-0.63
824	-8.35	2.36	38.9	-0.39
960	-7.31	2.42	87.1	3.05
1710	-10.59	1.90	51.4	0.86
1880	-13.63	1.56	54.95	2.59
2170	-8.77	2.16	46.13	3.35
2300	-5.76	3.28	38.99	1.9
2600	-18.32	1.27	57.54	2.95
2700	-9.33	2.03	43.55	1.26

Test Data (Return Loss & VSWR)



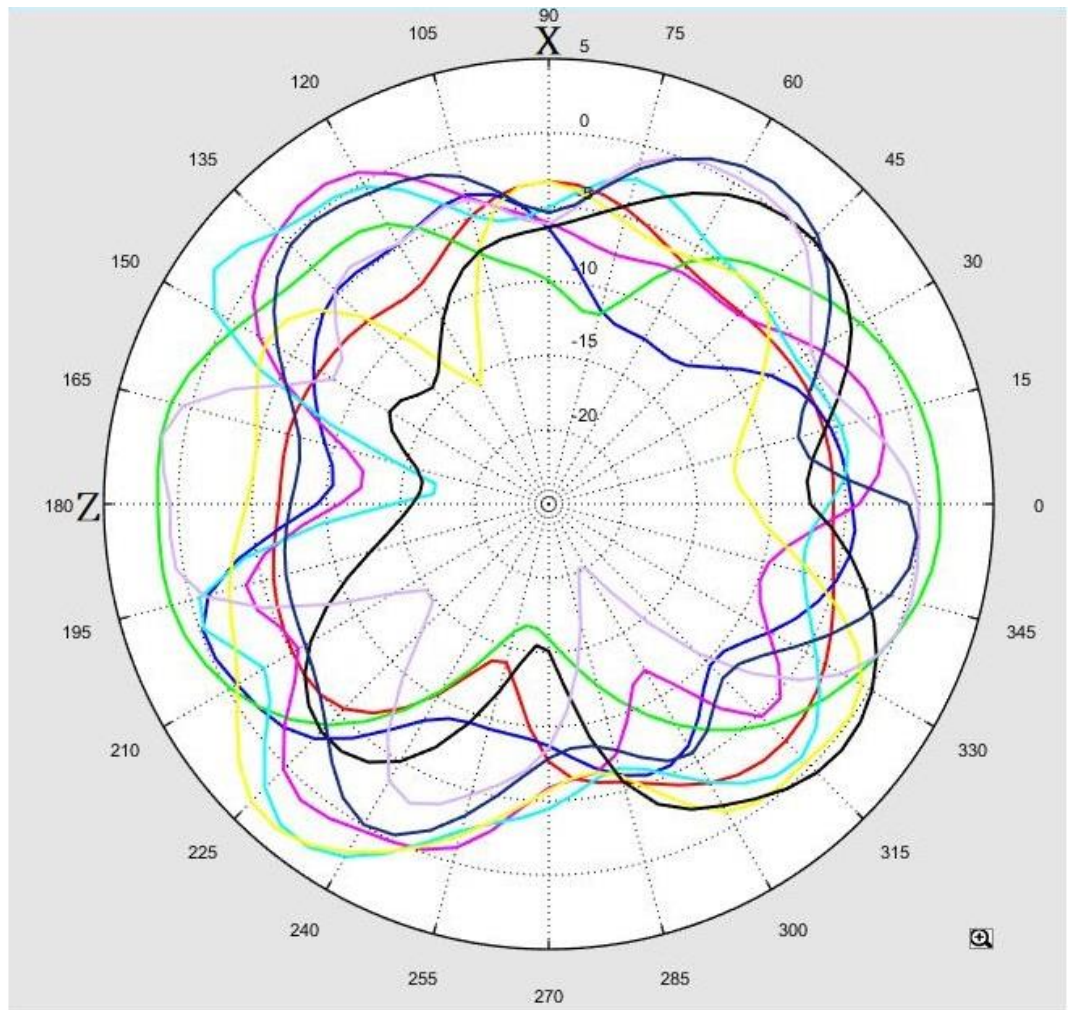


3D Test Photo



# 3D Test Data

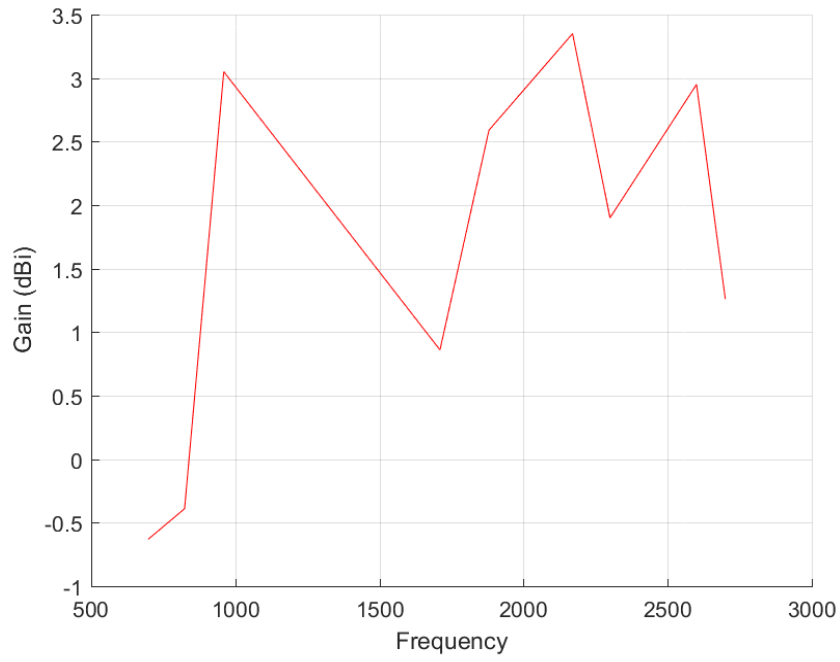
Freq. / Chan.	Color
698MHz	Red
824MHz	Blue
960MHz	Green
1.71GHz	Magenta
1.88GHz	Cyan
2.17GHz	Yellow
2.3GHz	Black
2.6GHz	Light Purple
2.7GHz	Dark Blue



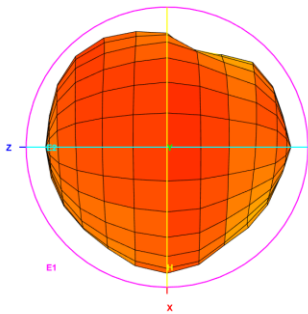
Total\_Efficiency (%)



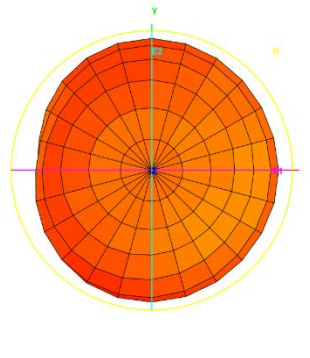
# Total\_Gain (dBi)



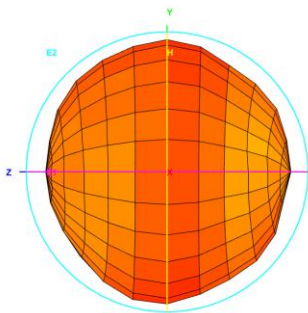
Total\_3D\_Top View\_698MHz



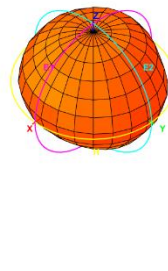
Total\_3D\_Front View\_698MHz



Total\_3D\_Left View\_698MHz

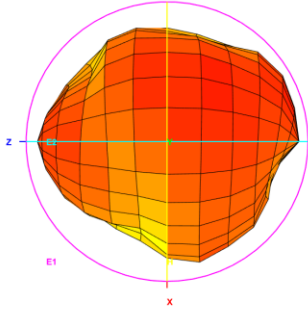


Total\_3D\_Side View 1\_698MHz

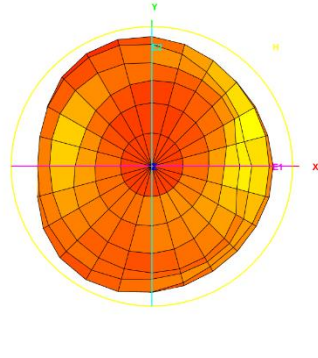




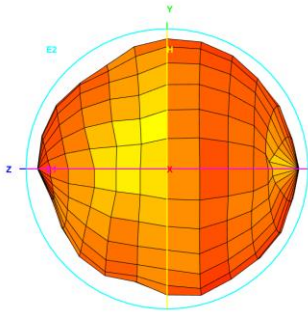
Total\_3D\_Top View\_824MHz



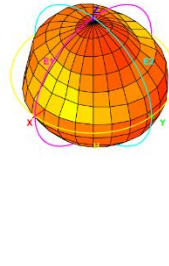
Total\_3D\_Front View\_824MHz



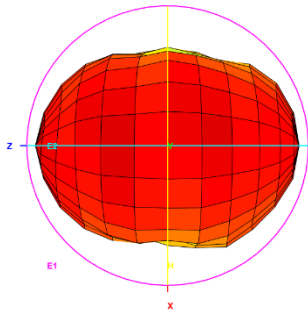
Total\_3D\_Left View\_824MHz



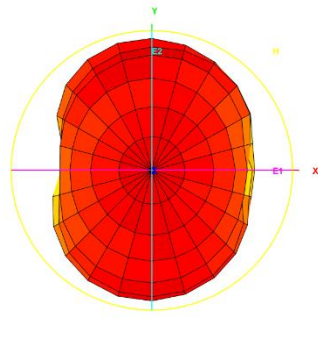
Total\_3D\_Side View 1\_824MHz



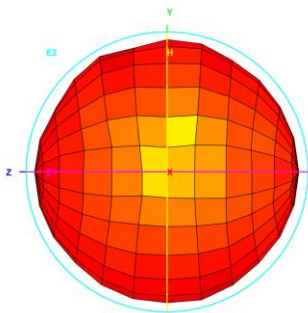
Total\_3D\_Top View\_960MHz



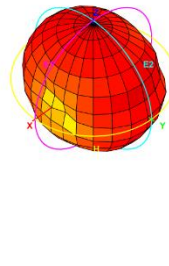
Total\_3D\_Front View\_960MHz



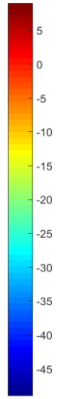
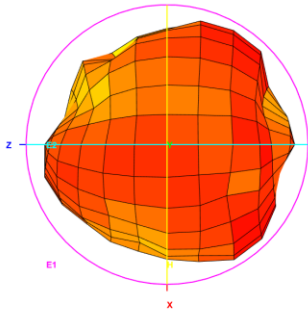
Total\_3D\_Left View\_960MHz



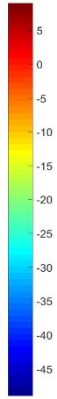
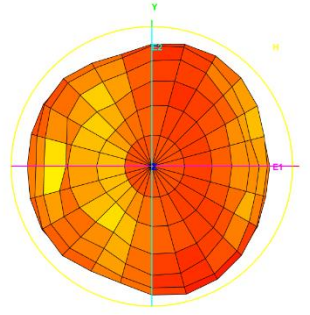
Total\_3D\_Side View 1\_960MHz



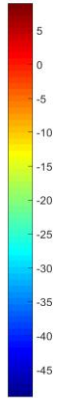
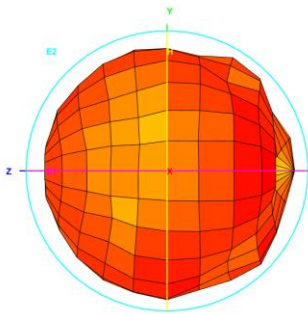
Total\_3D\_Top View\_1.71GHz



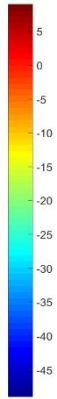
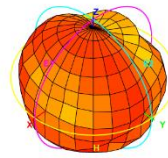
Total\_3D\_Front View\_1.71GHz



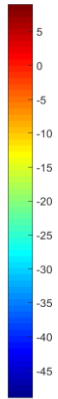
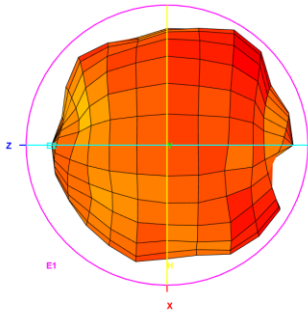
Total\_3D\_Left View\_1.71GHz



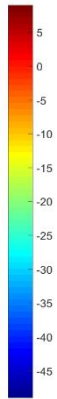
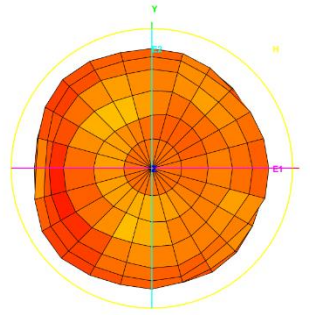
Total\_3D\_Side View 1.71GHz



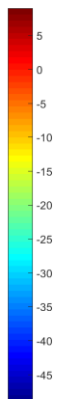
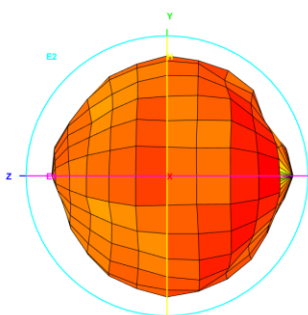
Total\_3D\_Top View\_1.88GHz



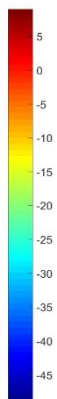
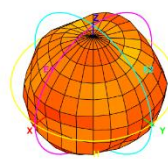
Total\_3D\_Front View\_1.88GHz



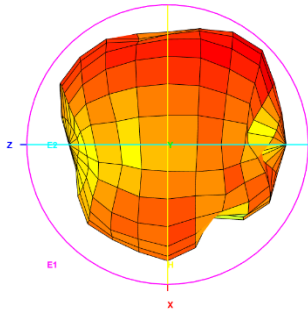
Total\_3D\_Left View\_1.88GHz



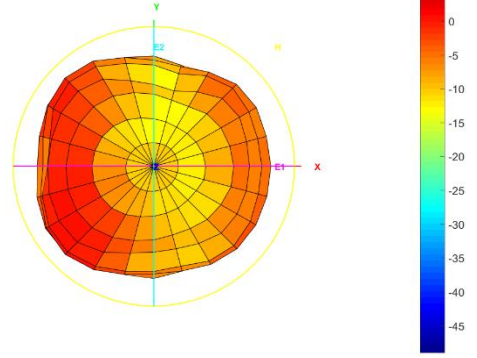
Total\_3D\_Side View 1.88GHz



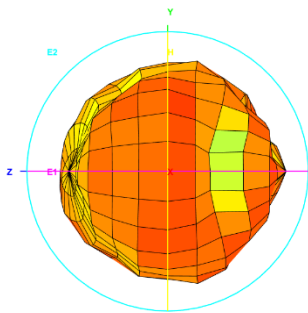
Total\_3D\_Top View\_2.17GHz



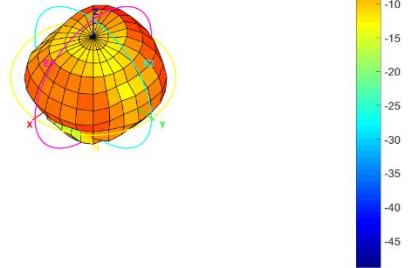
Total\_3D\_Front View\_2.17GHz



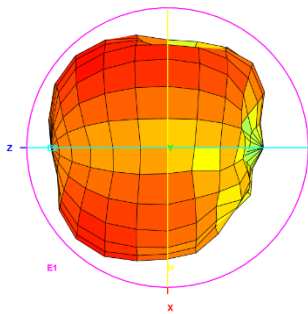
Total\_3D\_Left View\_2.17GHz



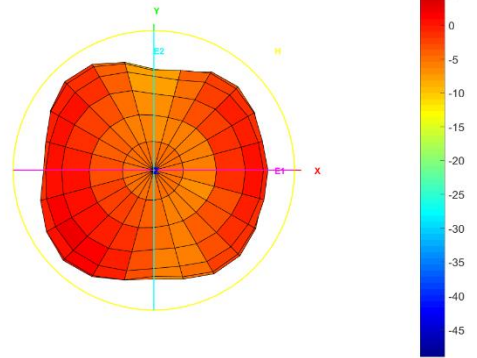
Total\_3D\_Side View 1\_2.17GHz



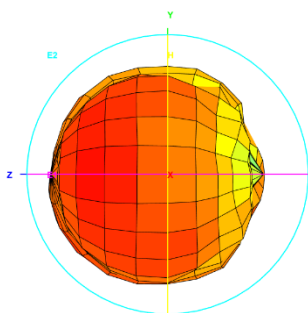
Total\_3D\_Top View\_2.3GHz



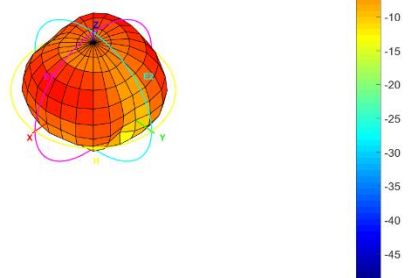
Total\_3D\_Front View\_2.3GHz



Total\_3D\_Left View\_2.3GHz

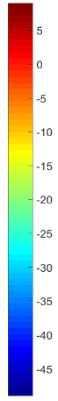
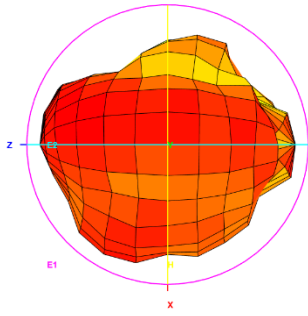


Total\_3D\_Side View 1\_2.3GHz

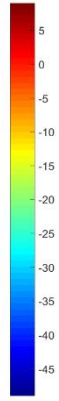
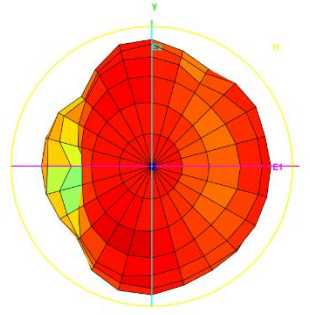




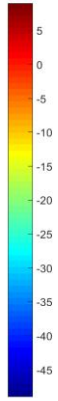
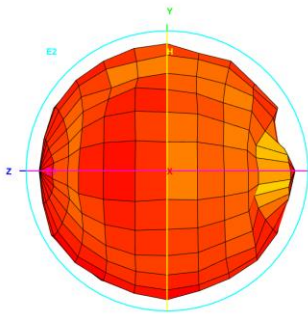
Total\_3D\_Top View\_2.6GHz



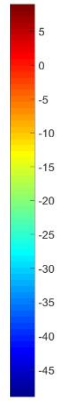
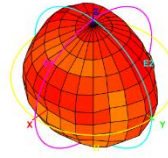
Total\_3D\_Front View\_2.6GHz



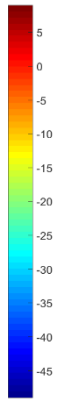
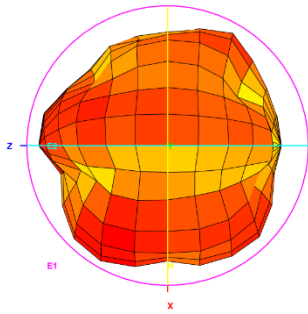
Total\_3D\_Left View\_2.6GHz



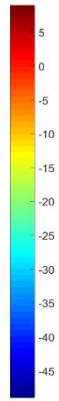
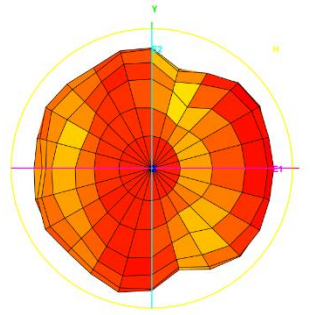
Total\_3D\_Side View 1\_2.6GHz



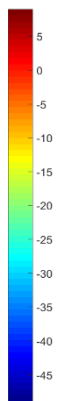
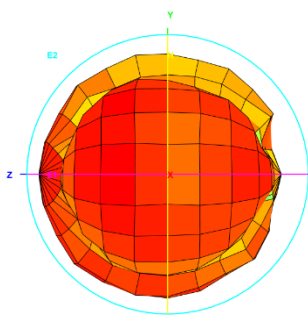
Total\_3D\_Top View\_2.7GHz



Total\_3D\_Front View\_2.7GHz



Total\_3D\_Left View\_2.7GHz



Total\_3D\_Side View 1\_2.7GHz

