



CHINMORE INDUSTRY CO.,LTD

*Specification*

1. Adhesive Mount Antenna for 4G/LTE
2. *Chinmore's* No.: CA-C09-2FMFEF-044
3. Frequency: 690~960 MHz /1770~2700 MHz
4. VSWR: 2.0:1
5. Gain: 2.5 dBi
6. Impedence: 50Ω
7. Cable: RG-174 3M
8. Connector: FME F

*※RoHS Compliant*

*※ISO 9001 & ISO 14001*

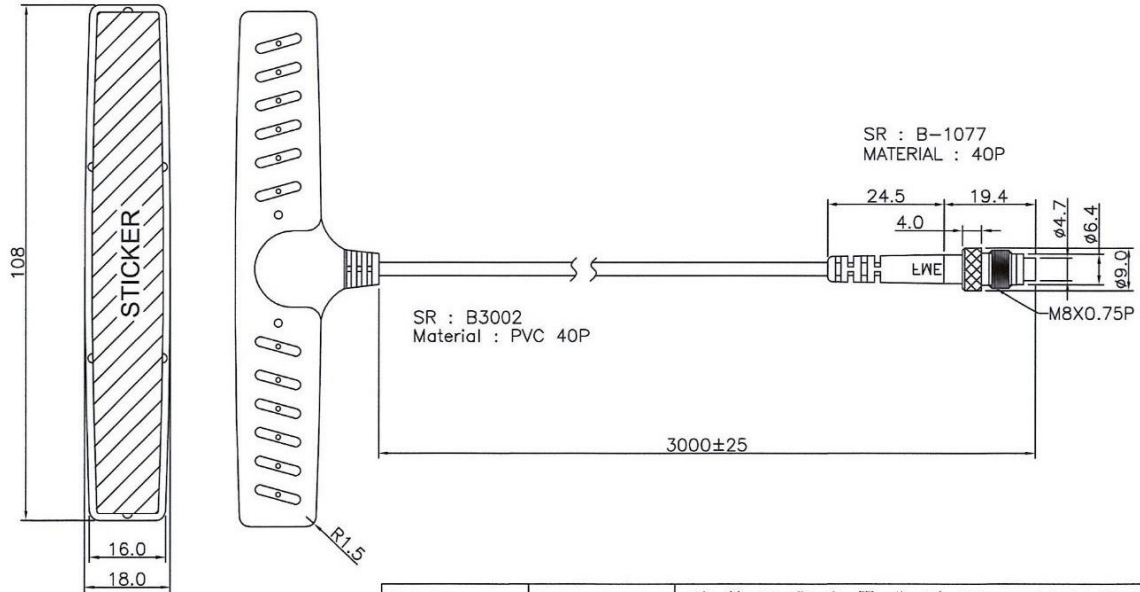
*※Waterproof IP67 Rated*

Cable	RG174/U
OD	φ2.7±0.15mm
Cover	Black (黑)
FME F	Ni (鍍鎳)

Frequency	690~960MHz
	1770~2700MHz 4G/LTE
V.S.W.R	2.0:1
Gain	2.5dB
Impqndence	50Ω

**ROHS**

ISO 9001  
ISO 14001



108.12.5修改與線材MOD

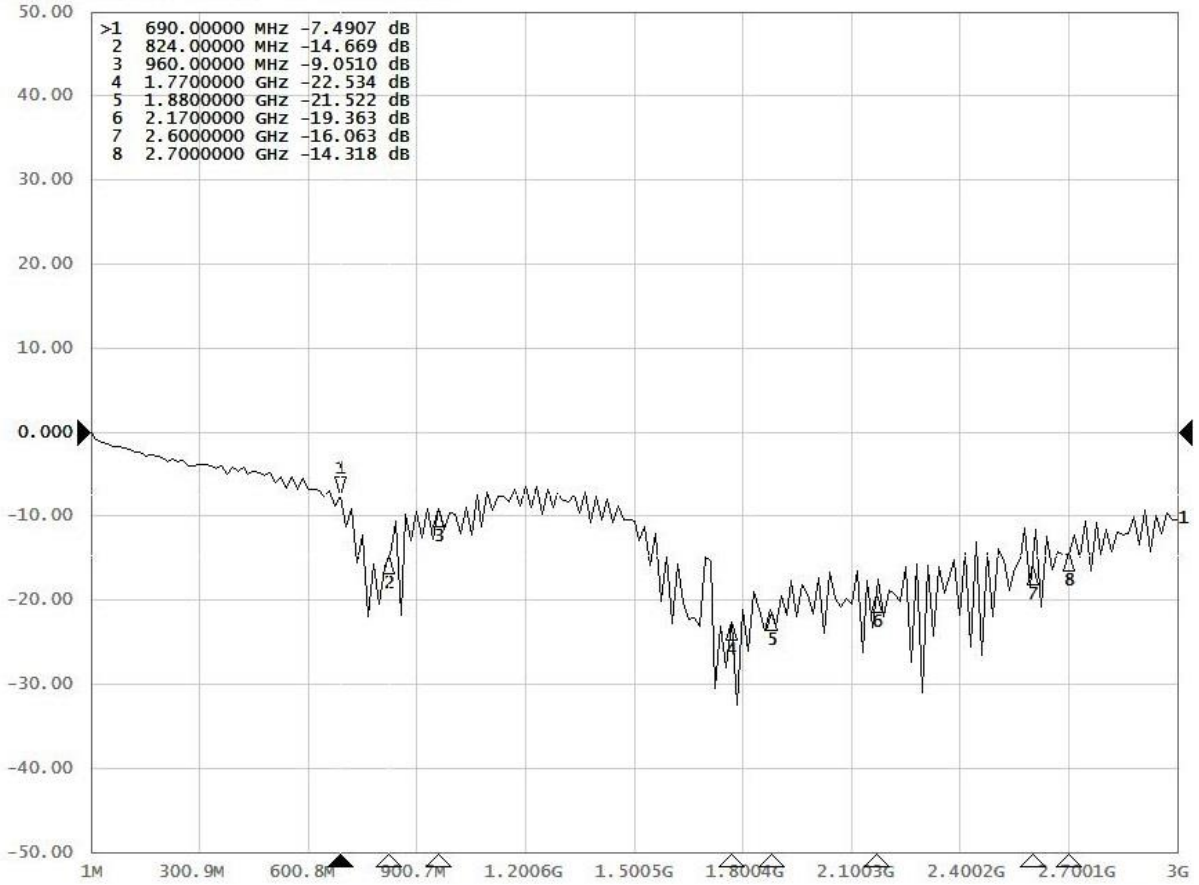
Material:	Treatment:	竣茂工業有限公司 Chinmore Industry CO .LTD					
Drawer	Design	Aprov	Tolerance	Unit: mm	TITLE	C09-2+174U+FME F	
機電		工程	X=±0.5	Ver: B	Scale 1:1	Model NO	
12.6		12.6	X=±0.2	File NO: QR0402	Drawing NO	100-22098-006	
詹曉淵		江宜陽	XX=±0.1				
			.XXX=±0.05				

NO	DESCRIPTION	MATERIAL	FINISH	Q'TY
Part NO	CA-C09-2FMEF-044			

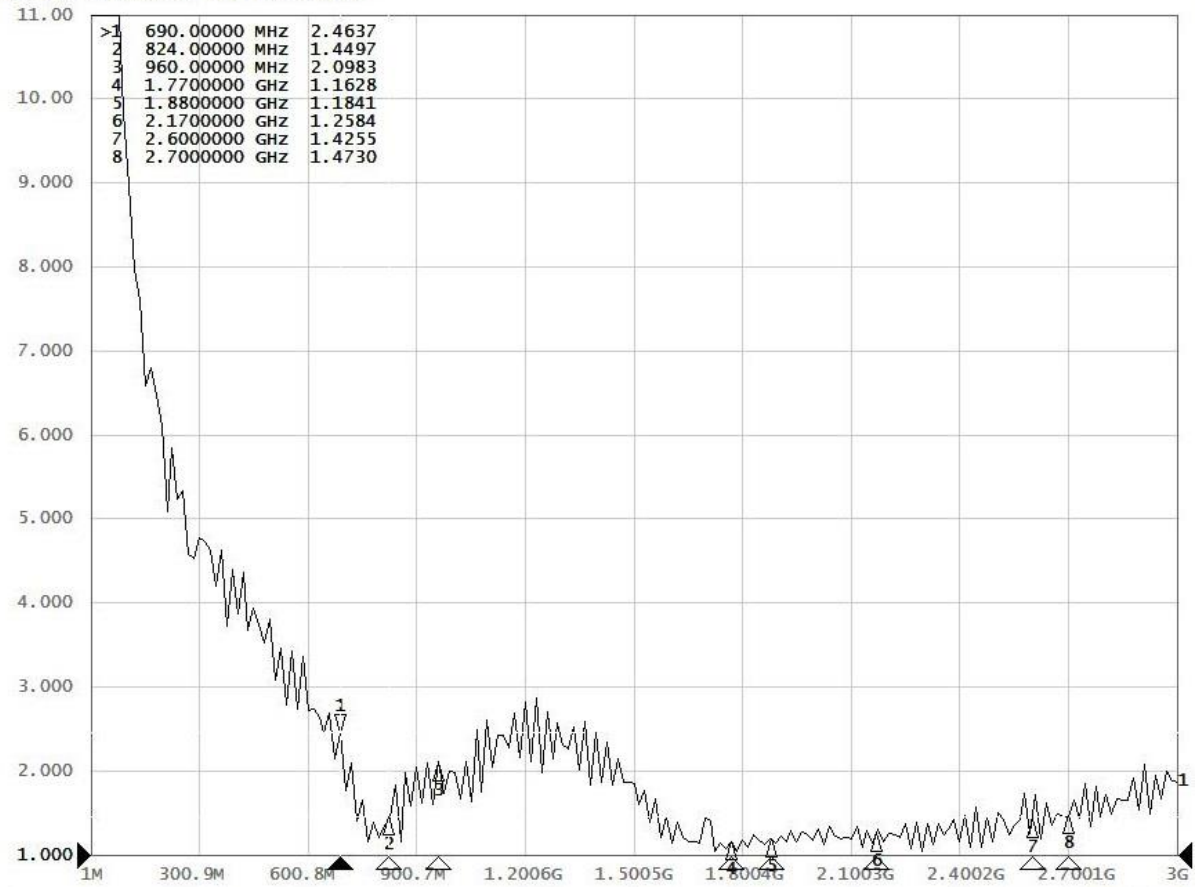
Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
690	-7.49	2.46	61.52	1.1
824	-14.66	1.44	57.02	2.51
960	-9.05	2.09	35.24	0.4
1770	-22.53	1.16	89.54	4.41
1880	-21.52	1.18	77.8	3.51
2170	-19.36	1.25	55.85	2.77
2600	-16.06	1.42	58.75	4.02
2700	-14.31	1.47	58.88	4.12

# Test Data

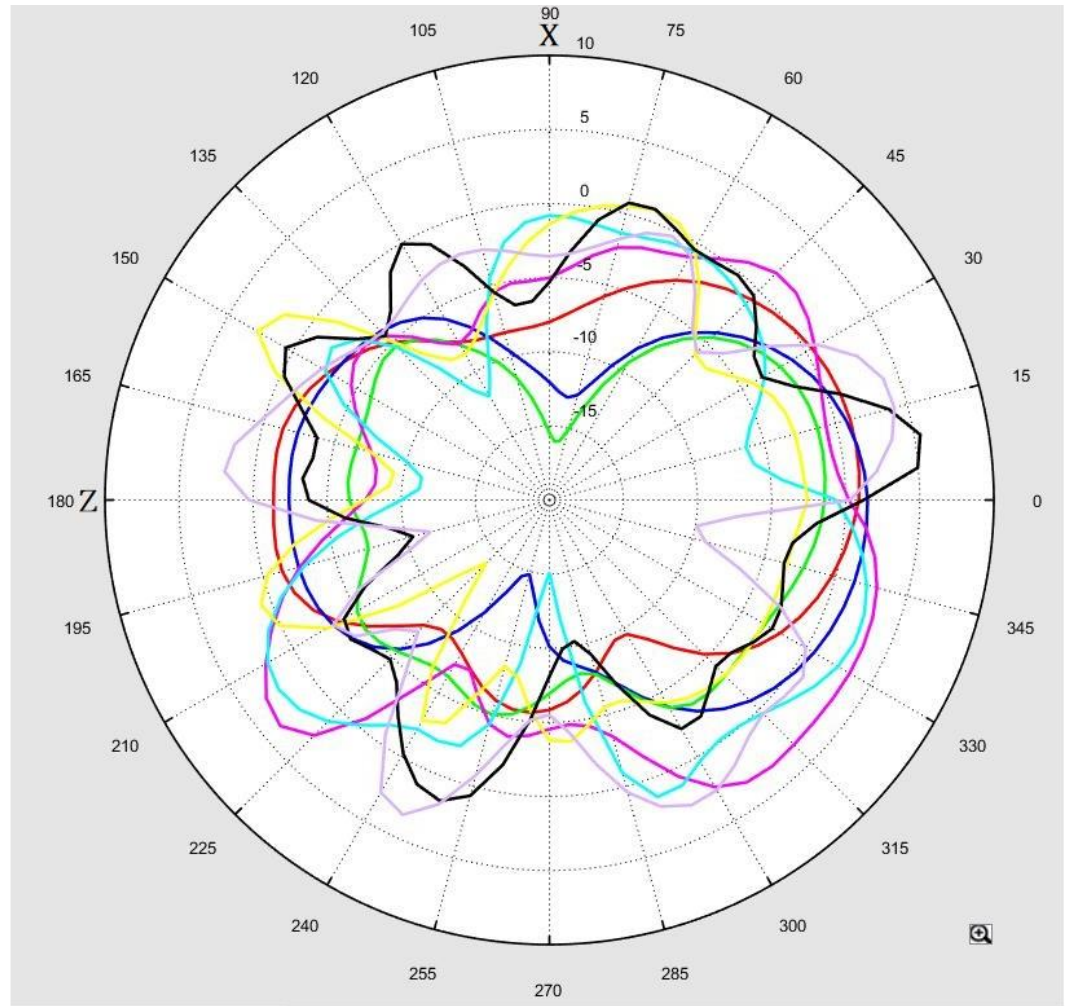
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [RO]



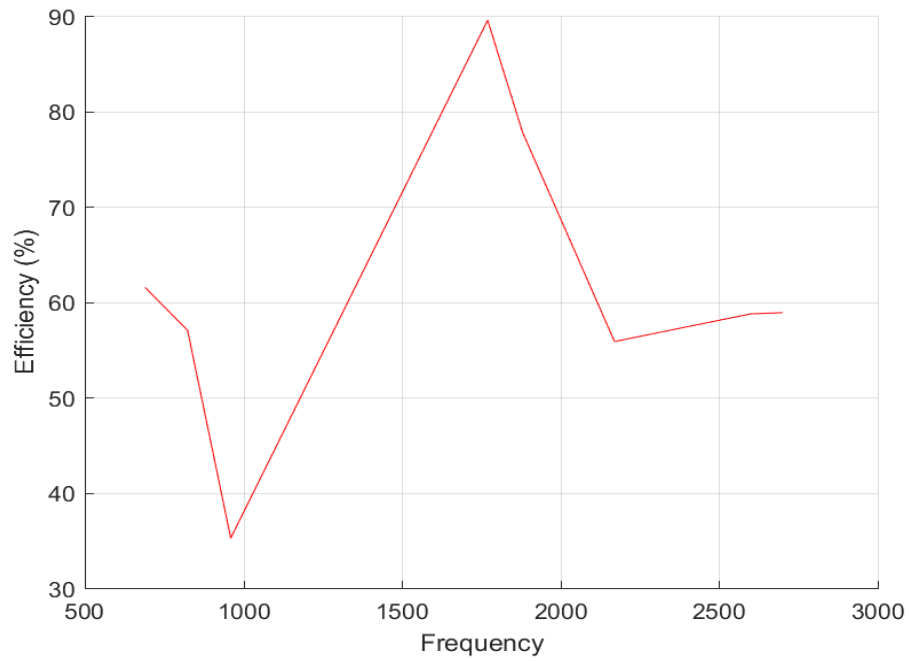
Tr1 S11 SWR 1.000/ Ref 1.000 [RO]



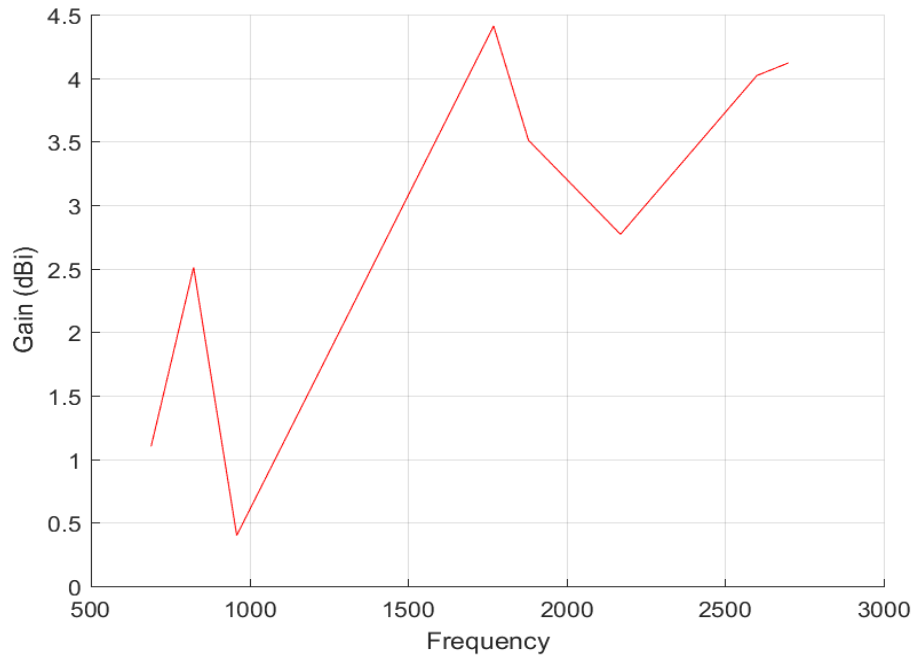
Freq. / Chan.	Color
690MHz	Red
824MHz	Blue
960MHz	Green
1.77GHz	Magenta
1.88GHz	Cyan
2.17GHz	Yellow
2.6GHz	Black
2.7GHz	Purple



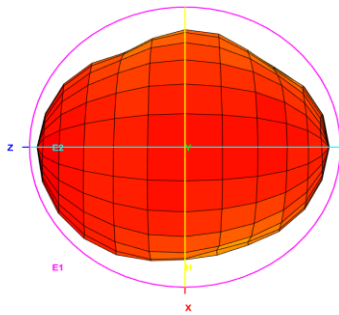
Total\_Efficiency (%)



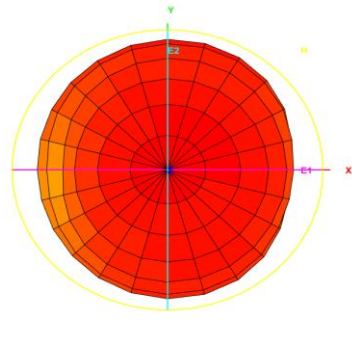
# Total\_Gain (dBi)



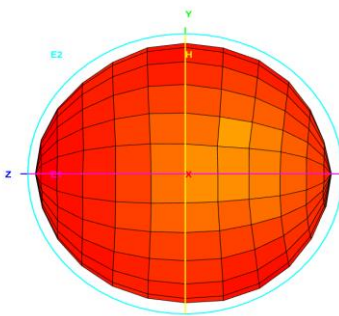
Total\_3D\_Top View\_690MHz



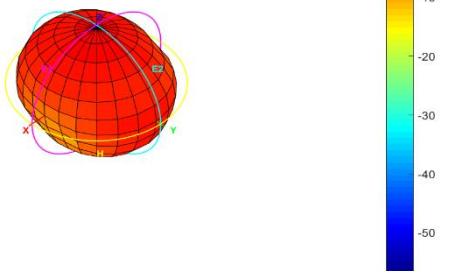
Total\_3D\_Front View\_690MHz



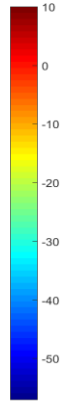
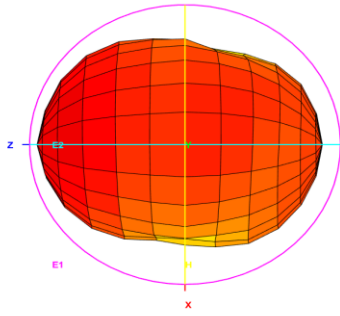
Total\_3D\_Left View\_690MHz



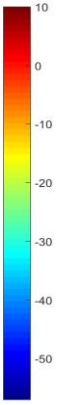
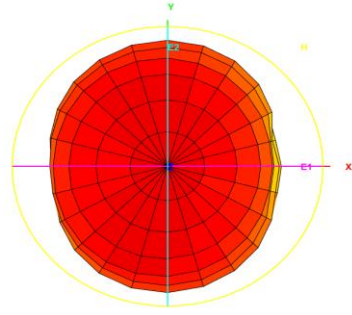
Total\_3D\_Side View 1\_690MHz



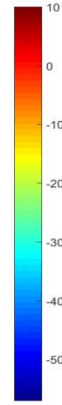
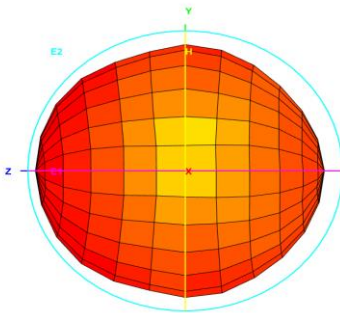
Total\_3D\_Top View\_824MHz



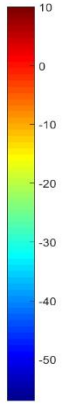
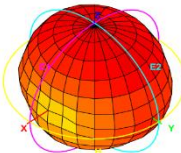
Total\_3D\_Front View\_824MHz



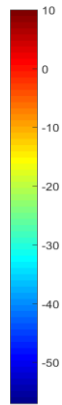
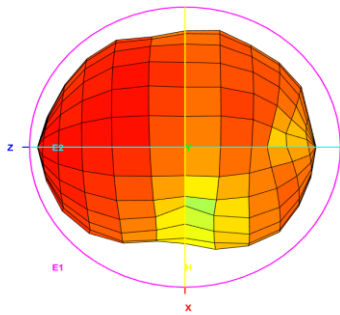
Total\_3D\_Left View\_824MHz



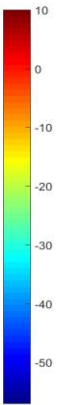
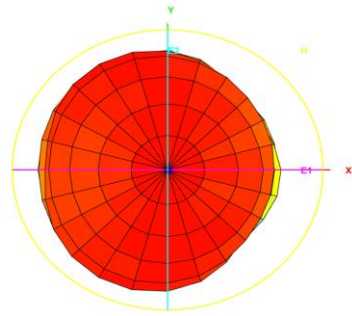
Total\_3D\_Side View 1\_824MHz



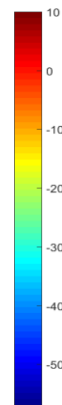
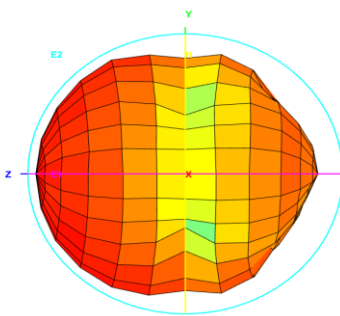
Total\_3D\_Top View\_960MHz



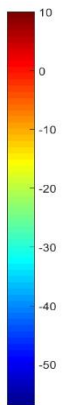
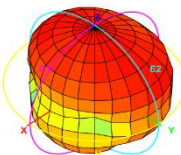
Total\_3D\_Front View\_960MHz



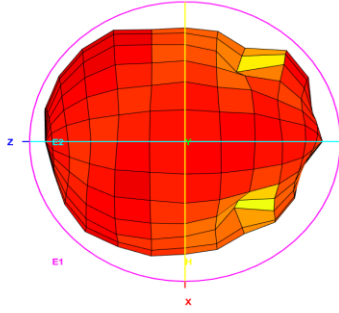
Total\_3D\_Left View\_960MHz



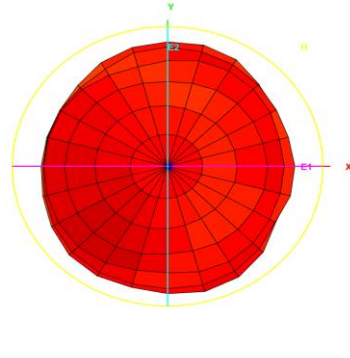
Total\_3D\_Side View 1\_960MHz



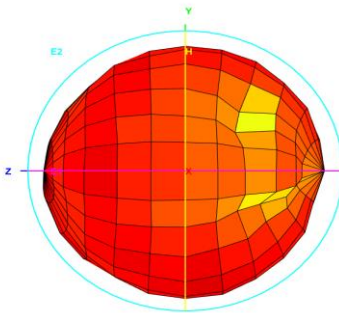
Total\_3D\_Top View\_1.77GHz



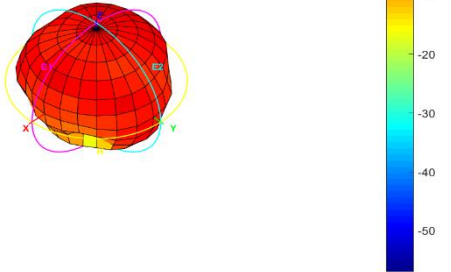
Total\_3D\_Front View\_1.77GHz



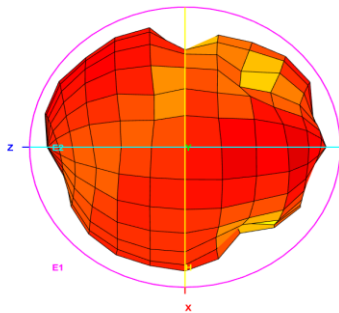
Total\_3D\_Left View\_1.77GHz



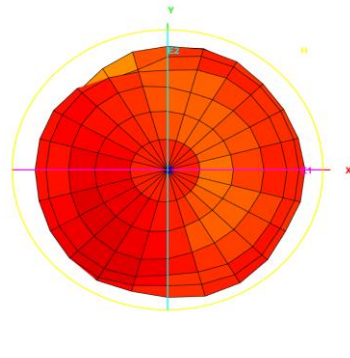
Total\_3D\_Side View\_1\_1.77GHz



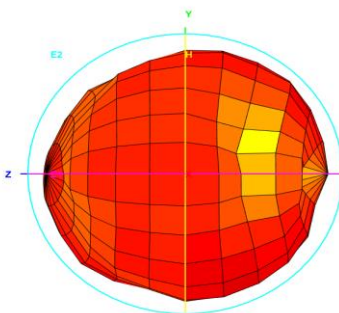
Total\_3D\_Top View\_1.88GHz



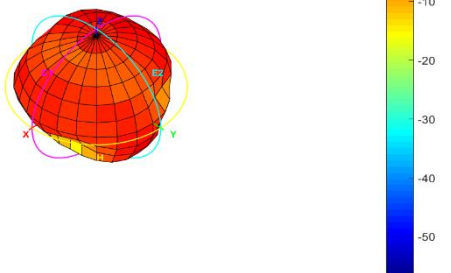
Total\_3D\_Front View\_1.88GHz



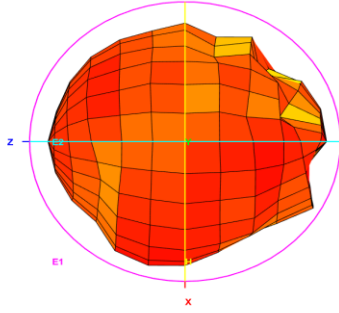
Total\_3D\_Left View\_1.88GHz



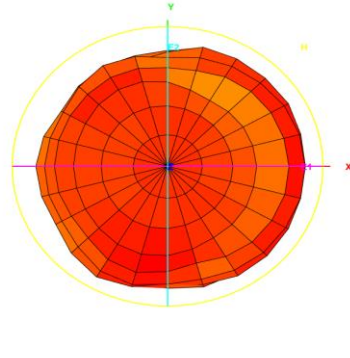
Total\_3D\_Side View\_1\_1.88GHz



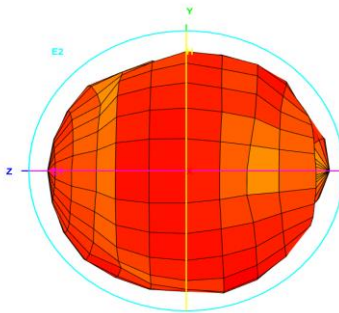
Total\_3D\_Top View\_2.17GHz



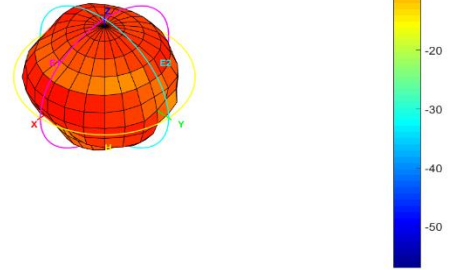
Total\_3D\_Front View\_2.17GHz



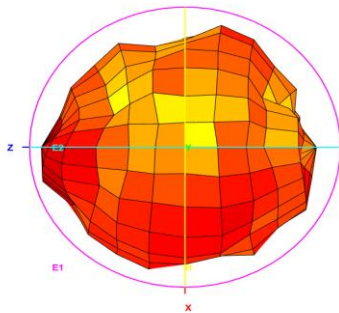
Total\_3D\_Left View\_2.17GHz



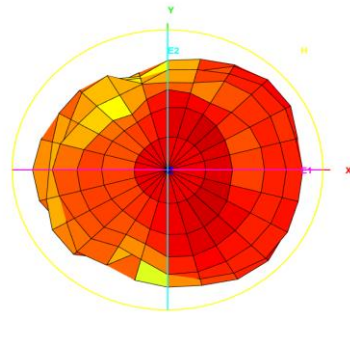
Total\_3D\_Side View 1\_2.17GHz



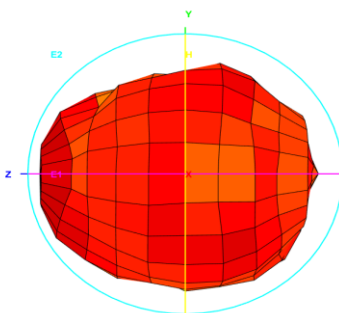
Total\_3D\_Top View\_2.6GHz



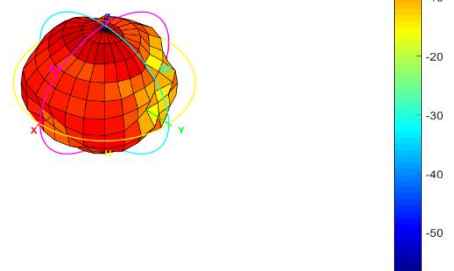
Total\_3D\_Front View\_2.6GHz



Total\_3D\_Left View\_2.6GHz

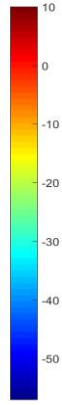
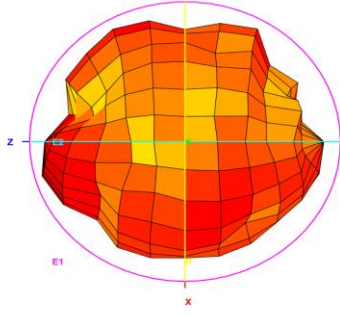


Total\_3D\_Side View 1\_2.6GHz

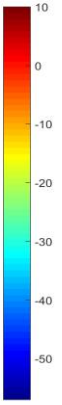
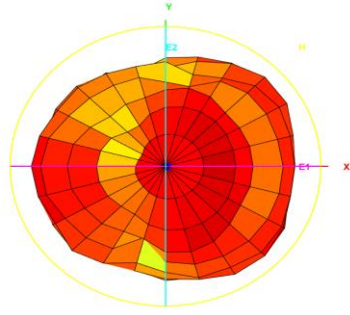




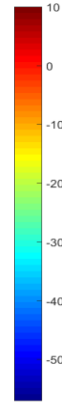
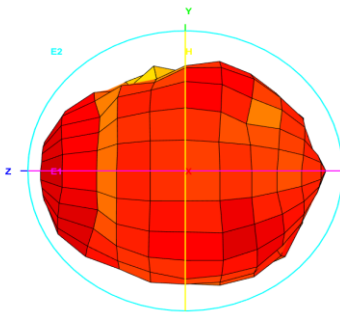
Total\_3D\_Top View\_2.7GHz



Total\_3D\_Front View\_2.7GHz



Total\_3D\_Left View\_2.7GHz



Total\_3D\_Side View\_1\_2.7GHz

