



# CHINMORE INDUSTRY CO.,LTD

## Specification

1. Product Type: 4G/LTE Antenna
2. Chinmore No: C09-1+174U+SMA M
3. Frequency: 700~2700 MHz
4. VSWR: 2.0:1
5. Connector & Cable: SMA M & RG174U

✘RoHS Compliant

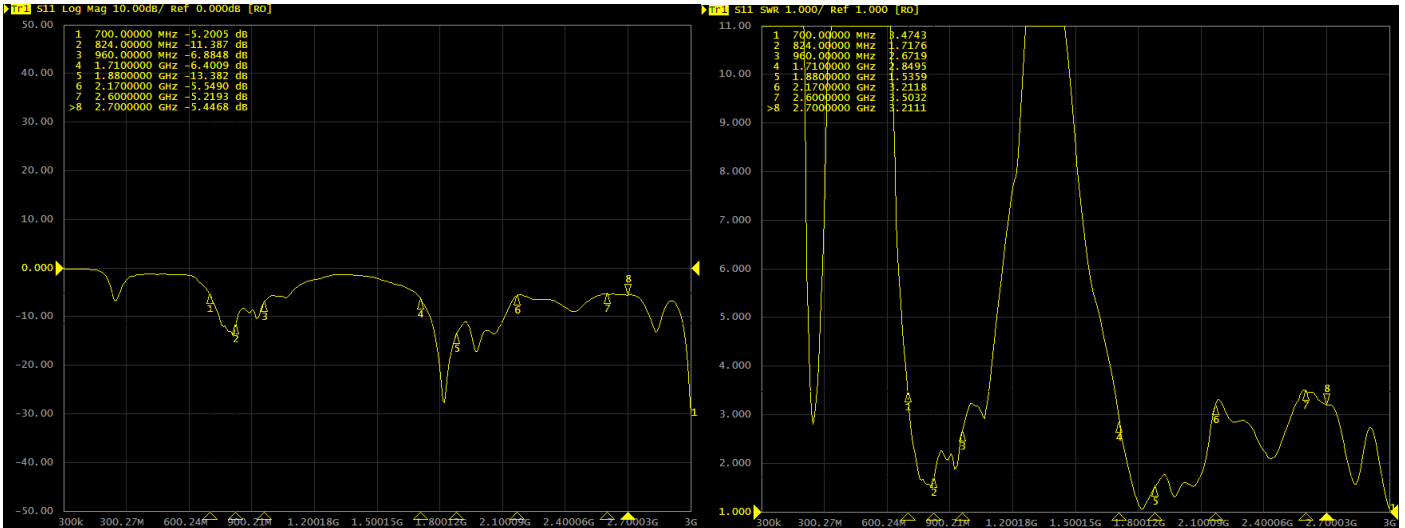
Cable	RG174U	Frequency	690~960MHz	3M Sticker	1.2mm	<div style="border: 1px solid black; padding: 5px; display: inline-block;"><b>ROHS</b></div> ISO 9001 ISO 14001
OD	φ2.7±0.15mm		1770~2700MHz		PK-L15.0X117B-023	
Cover	Black (黒)	4G/LTE	C09-1(800M)			
SMA M	Gold (金)	V.S.W.R	2.0:1	P.C 板	PB-92800FR4-004	
		Impedence	50Ω			
		Gain	2.5 dB			

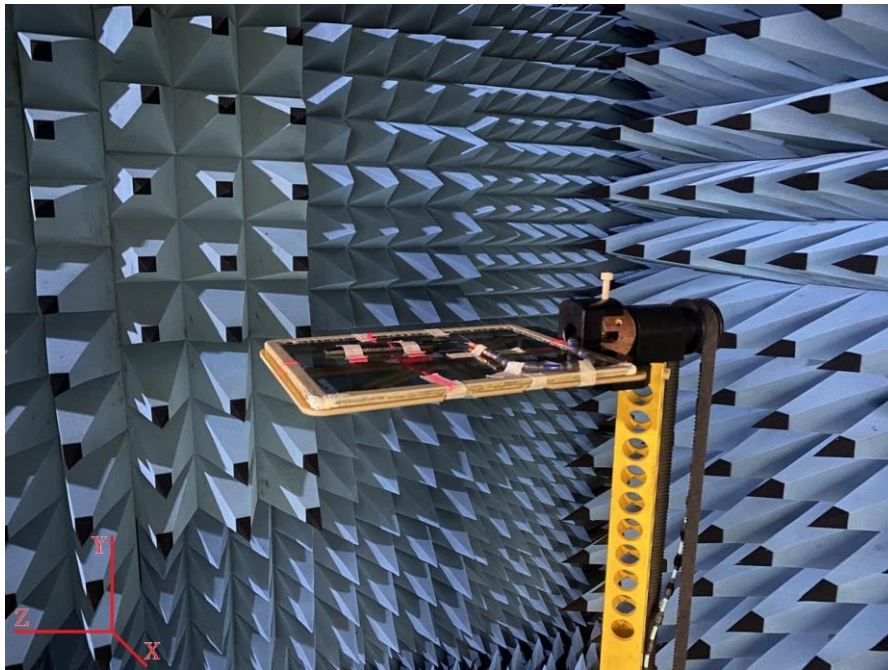
Material:		Treatment:		竣茂工業有限公司 Chinmore Industry CO .LTD			
Drawer	Design	Aprov	Tolerance	Unit: mm		TITLE	SMA M+174U+C09-1
			X=±0.5 .X=±0.2 .XX=±0.1 .XXX=±0.05	Ver: A	Scale 1:1	Model NO	
NO	DESCRIPTION	MATERIAL / FINISH	Q*TY	File NO: QR0402	Drawing NO	20200706-003	
Part NO							

Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dB)
700	-5.20	3.47	31.05	-2.67
824	-11.38	1.71	46.24	-0.33
960	-6.88	2.67	51.88	0.52
1710	-6.40	2.84	54.08	3.76
1880	-13.38	1.53	57.02	5.29
2170	-5.54	3.21	10.67	-2.58
2600	-5.21	3.50	45.19	3.73
2700	-5.44	3.21	44.77	2.87

### Test Data(Return Loss & VSWR)

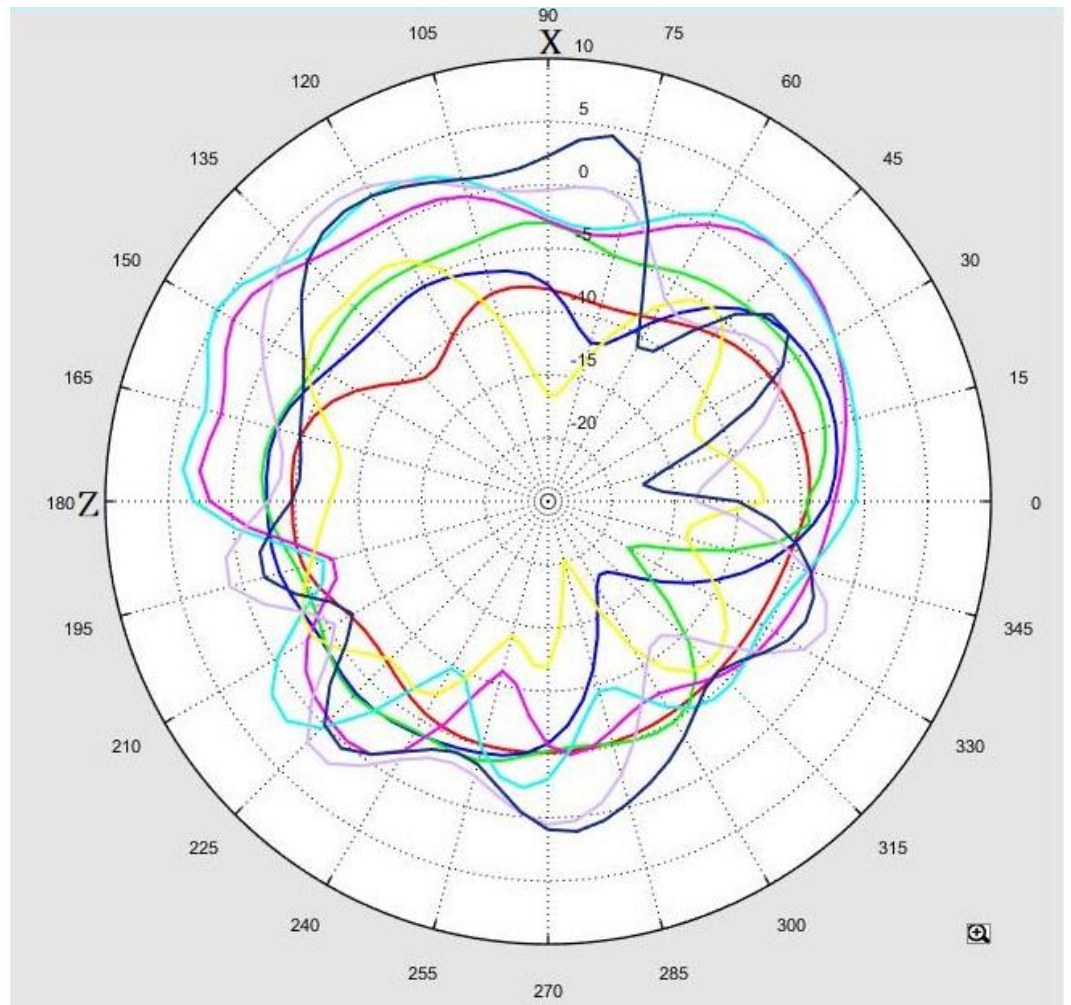


### 3D Test photo

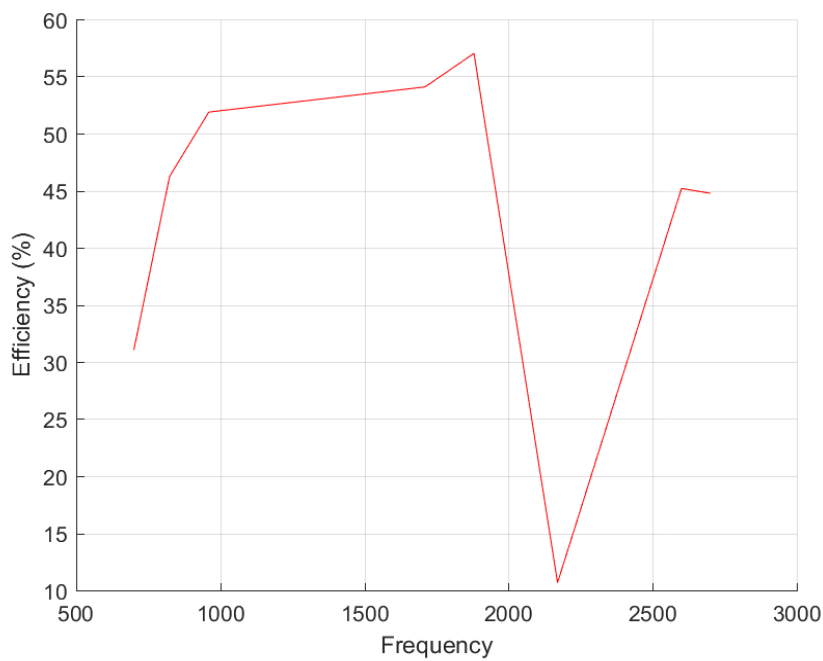


# 3D Test Report

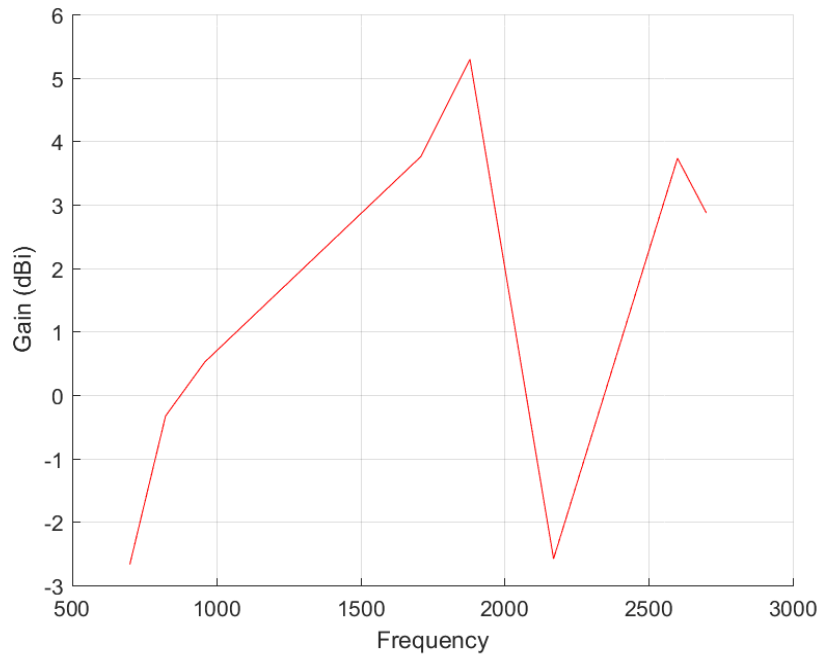
Freq. / Chan.	Color
700MHz	Red
824MHz	Blue
960MHz	Green
1.71GHz	Magenta
1.88GHz	Cyan
2.17GHz	Yellow
2.6GHz	Light Purple
2.7GHz	Dark Blue



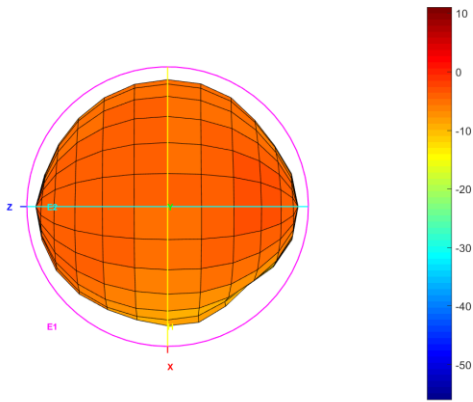
Total\_Efficiency (%)



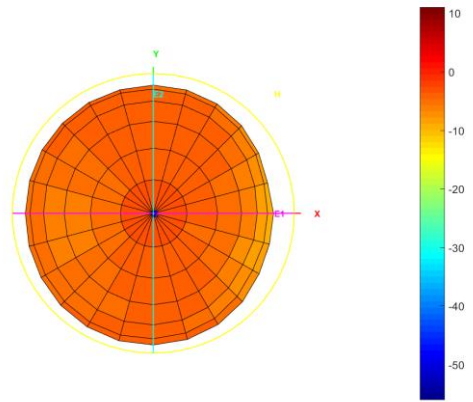
# Total\_Gain (dBi)



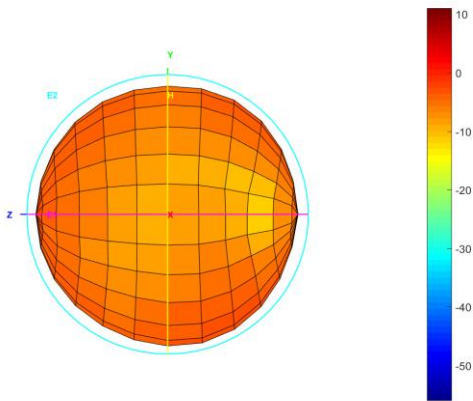
Total\_3D\_Top View\_700MHz



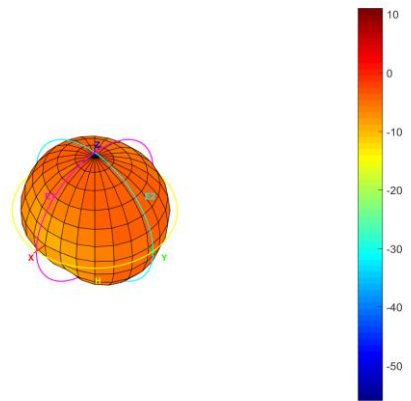
Total\_3D\_Front View\_700MHz



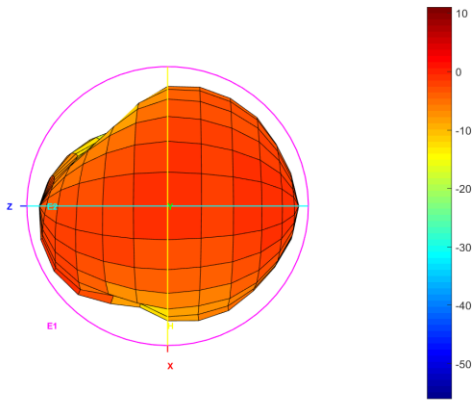
Total\_3D\_Left View\_700MHz



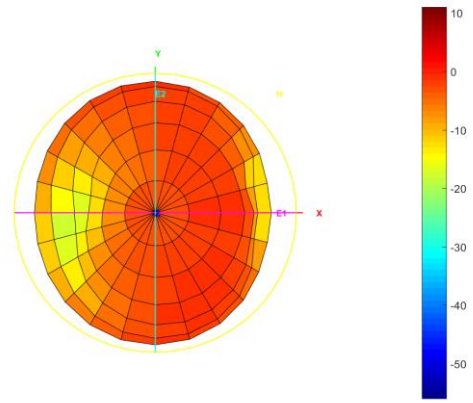
Total\_3D\_Side View 1\_700MHz



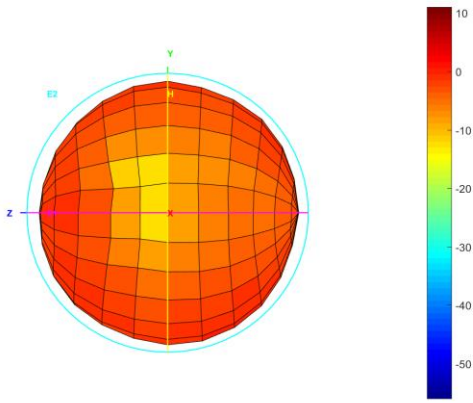
Total\_3D\_Top View\_824MHz



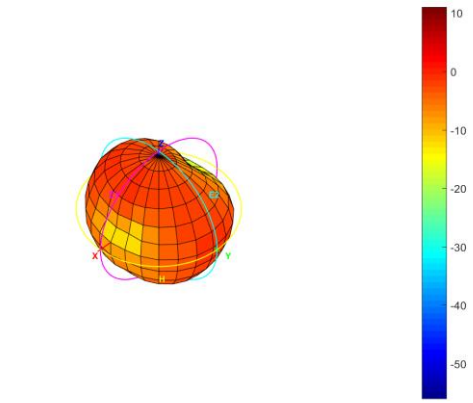
Total\_3D\_Front View\_824MHz



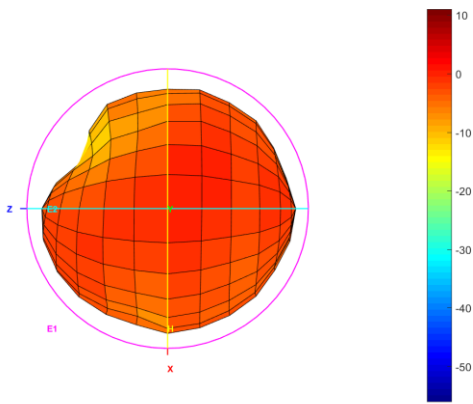
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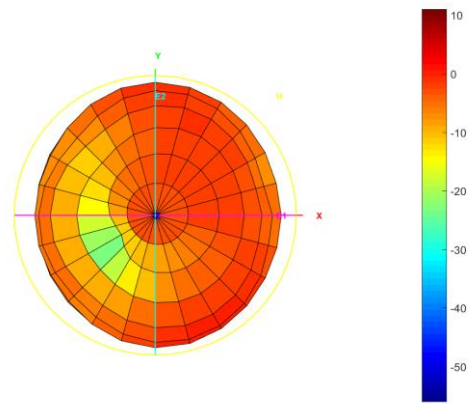
Total\_3D\_Side View 1\_824MHz



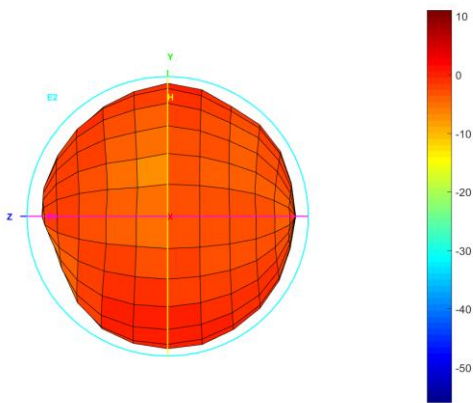
Total\_3D\_Top View\_960MHz



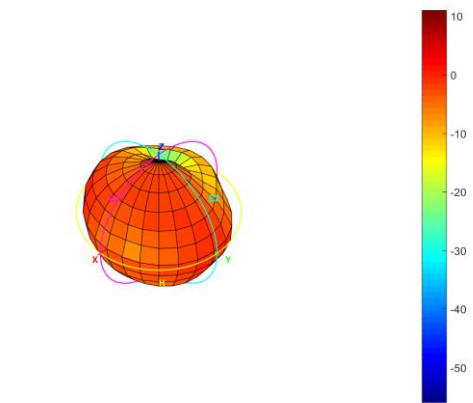
Total\_3D\_Front View\_960MHz



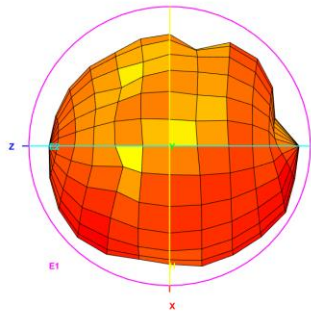
Total\_3D\_Left View\_960MHz



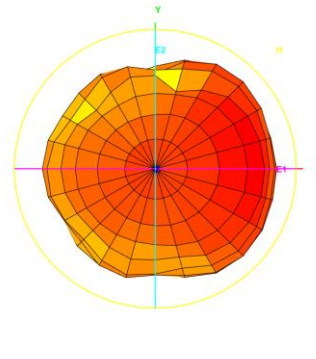
Total\_3D\_Side View 1\_960MHz



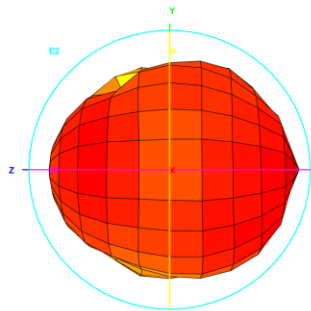
Total\_3D\_Top View\_1.71GHz



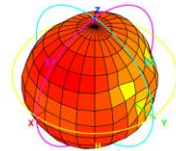
Total\_3D\_Front View\_1.71GHz



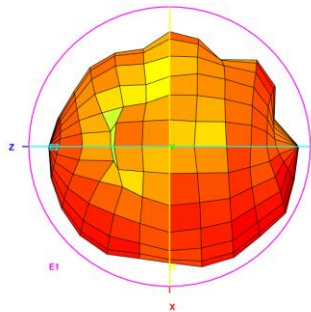
Total\_3D\_Left View\_1.71GHz



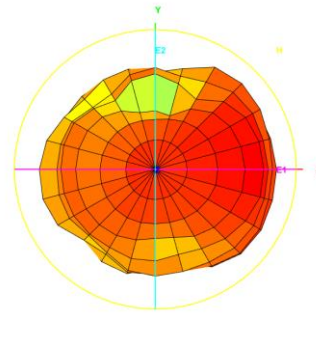
Total\_3D\_Side View\_1.71GHz



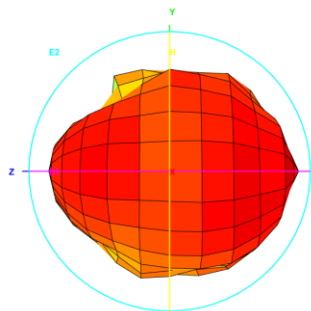
Total\_3D\_Top View\_1.88GHz



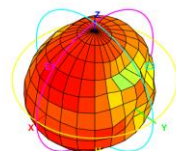
Total\_3D\_Front View\_1.88GHz



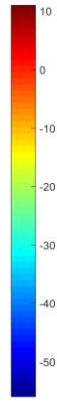
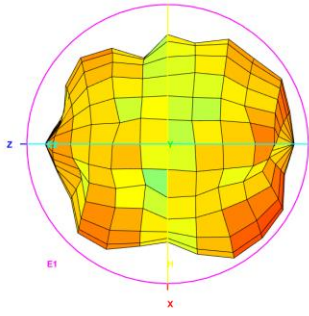
Total\_3D\_Left View\_1.88GHz



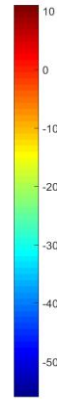
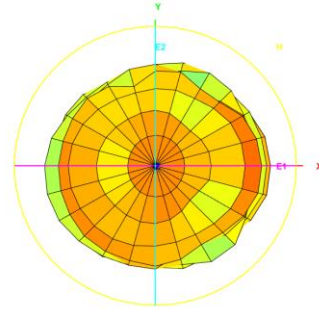
Total\_3D\_Side View\_1.88GHz



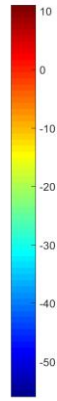
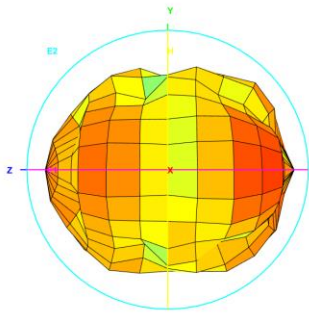
Total\_3D\_Top View\_2.17GHz



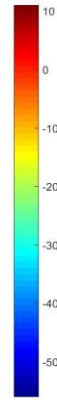
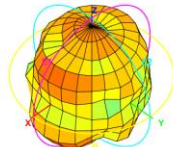
Total\_3D\_Front View\_2.17GHz



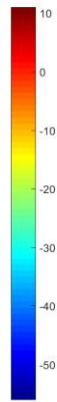
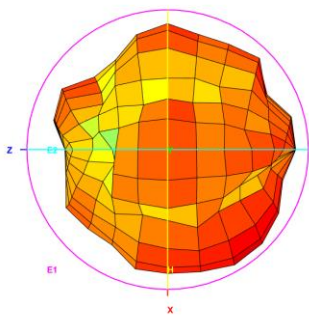
Total\_3D\_Left View\_2.17GHz



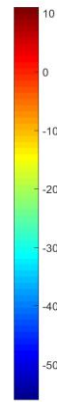
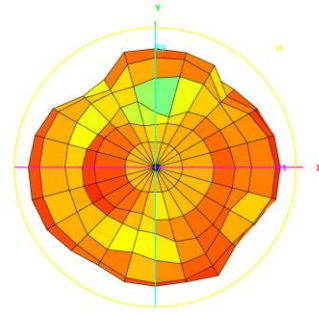
Total\_3D\_Side View 1\_2.17GHz



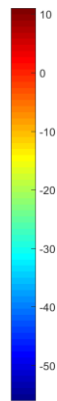
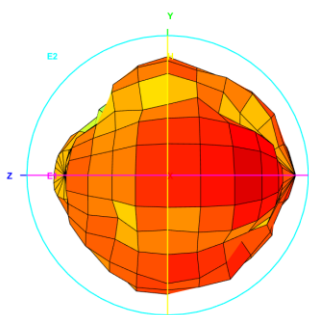
Total\_3D\_Top View\_2.6GHz



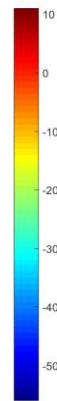
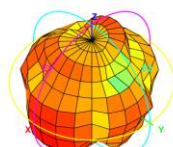
Total\_3D\_Front View\_2.6GHz



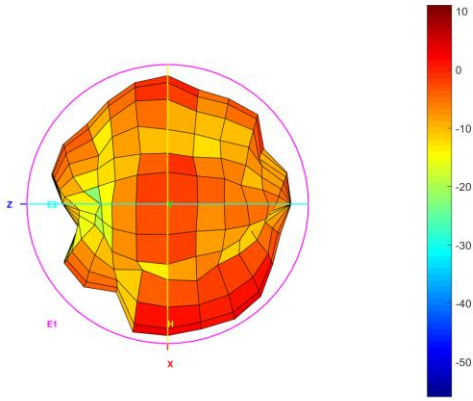
Total\_3D\_Left View\_2.6GHz



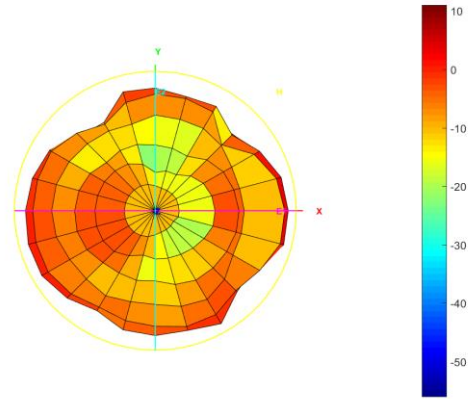
Total\_3D\_Side View 1\_2.6GHz



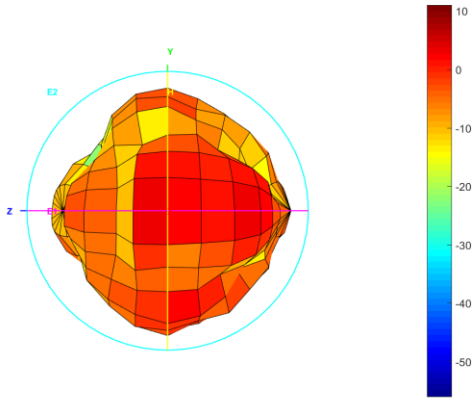
Total\_3D\_Top View\_2.7GHz



Total\_3D\_Front View\_2.7GHz



Total\_3D\_Left View\_2.7GHz



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

