



CHINMORE INDUSTRY CO.,LTD

Specification

1. Adhesive Mount Antenna for 4G/LTE (C09-1 series)
2. *Chinmore's* No: CA-C09-1SMAM-139
3. Frequency: 690~960 MHz/ 1770~2700 MHz
4. VSWR: 2.0:1
5. Impedence: 50 Ω
6. Gain: 2.5 dBi
7. Cable: RG-174 1500mm
8. Connector: SMA (M) ST

✧RoHS Compliant

✧ISO 9001 & ISO 14001

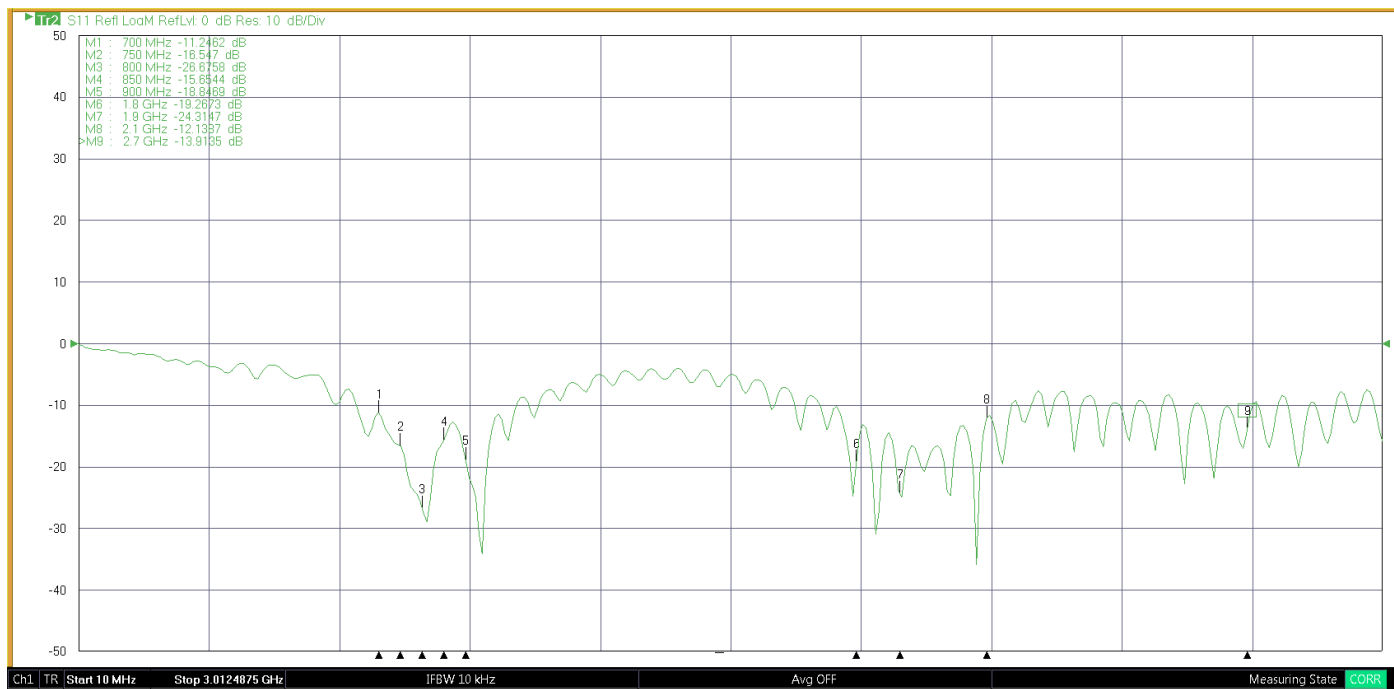
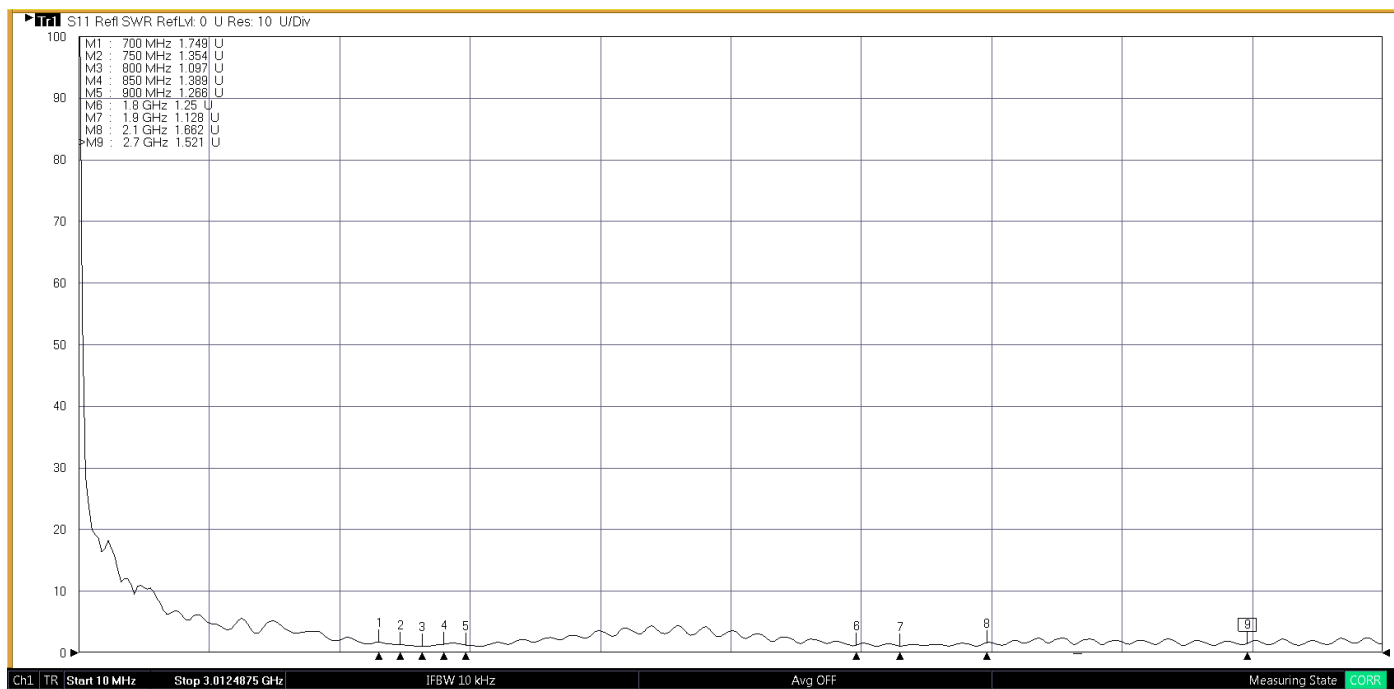
✧Waterproof IP67 Rated

Cable	RG174U	Frequency	690~960MHz	3M Sticker	1.2mm	ROHS ISO 9001 ISO 14001
OD	ø2.7±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		

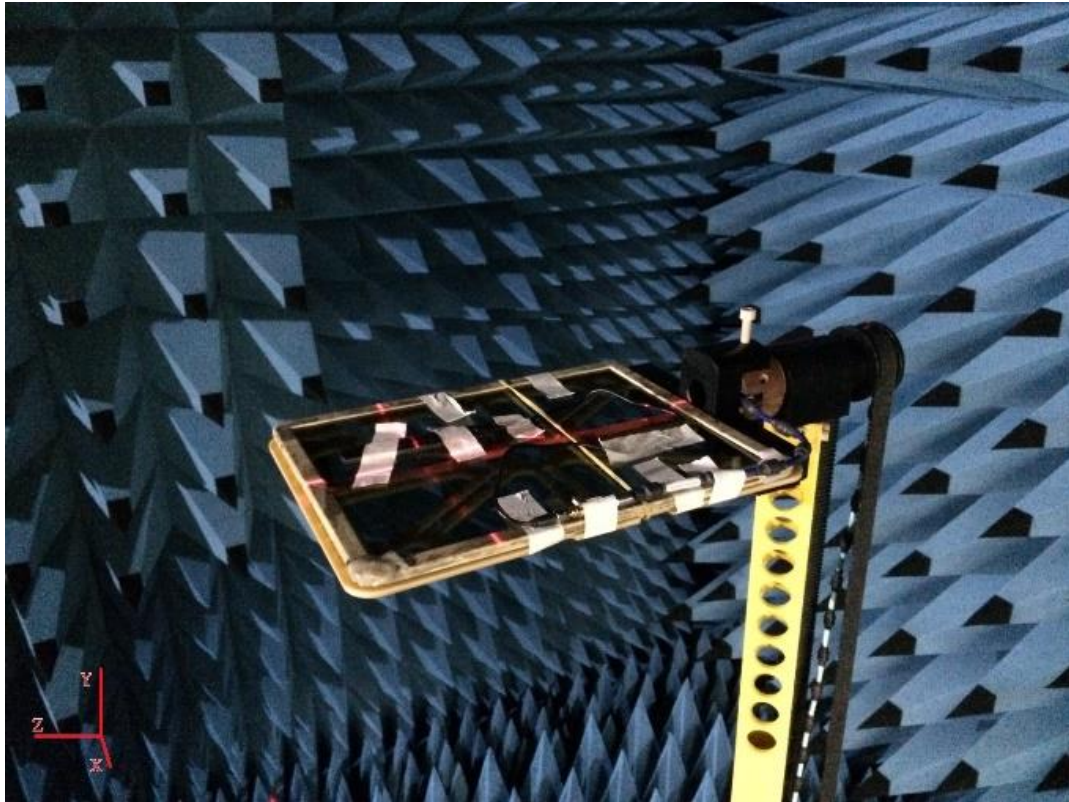
2019/10/17 頻率改為4G				Material:		Treatment:		竣茂工業有限公司 Chinmore Industry CO.,LTD							
NO		DESCRIPTION		MATERIAL / FINISH		QTY		Drawer	Design	Aprov	Tolerance	Unit: mm		TITLE	SMA M+174U+C09-1
Part NO		CA-C09-1SMAM-139									X=±0.5 .X=±0.2 .XX=±0.1 .XXX=±0.05	Ver: A	Scale 1:1	Model NO	
												File NO: QR0402	Drawing NO	295-018	

Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dB)
700 MHz	-11.24	1.74	44.57	1.06
750 MHz	-16.54	1.35	50.35	2.46
800 MHz	-26.67	1.09	56.23	2.8
850 MHz	-15.65	1.38	54.7	2.17
900 MHz	-18.84	1.26	68.08	2.01
1800 MHz	-19.26	1.25	76.21	4.08
1900 MHz	-24.31	1.12	70.31	4.6
2100 MHz	-12.13	1.66	34.59	2.53
2700 MHz	-13.91	1.52	52.84	4.66

Test Data(Return Loss & VSWR)

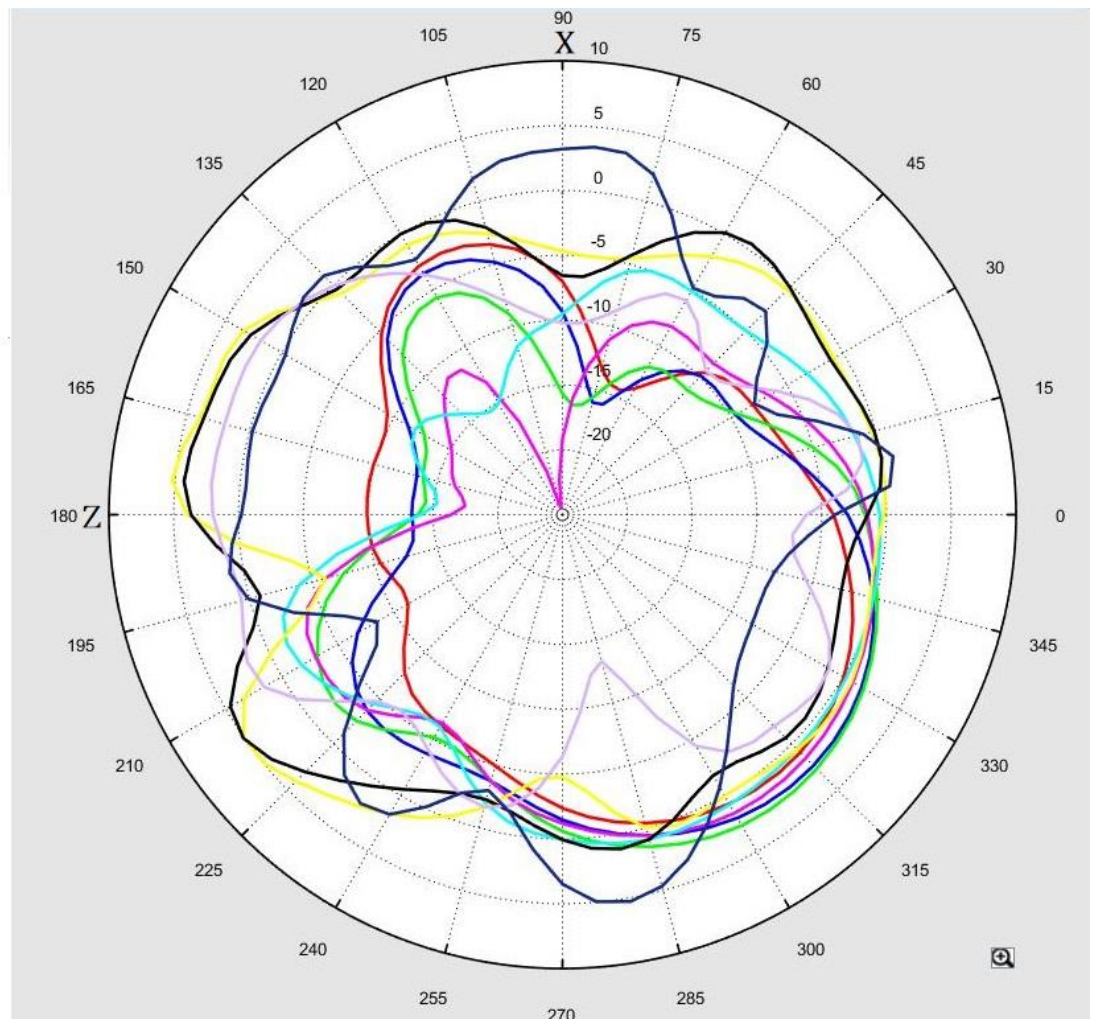


3D Test photo

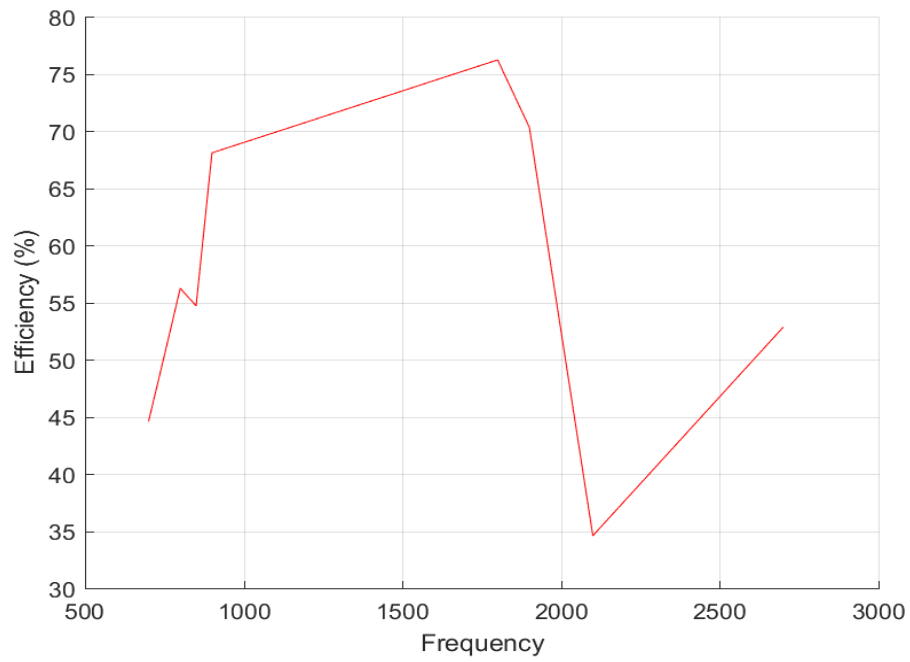


3D Test Report

Freq. / Chan.	Color
700MHz	Red
750MHz	Blue
800MHz	Green
850MHz	Magenta
900MHz	Cyan
1.8GHz	Yellow
1.9GHz	Black
2.1GHz	Purple
2.7GHz	Dark Blue



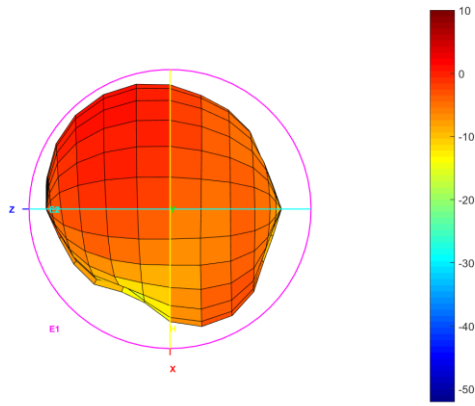
Total_Efficiency (%)



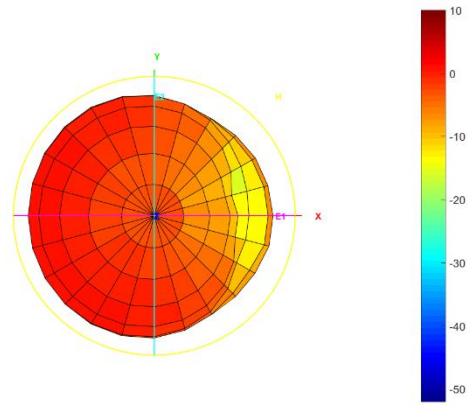
Total_Gain (dBi)



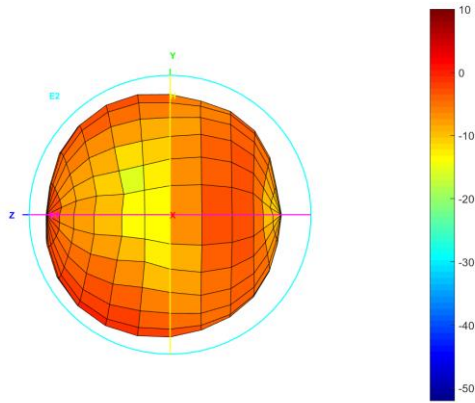
Total_3D_Top View_700MHz



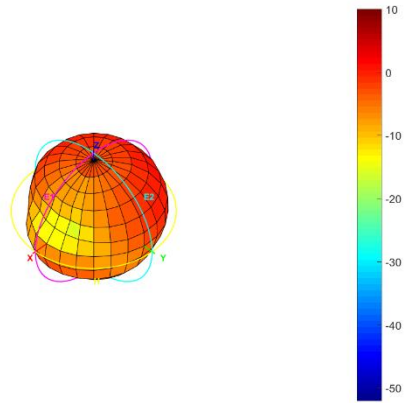
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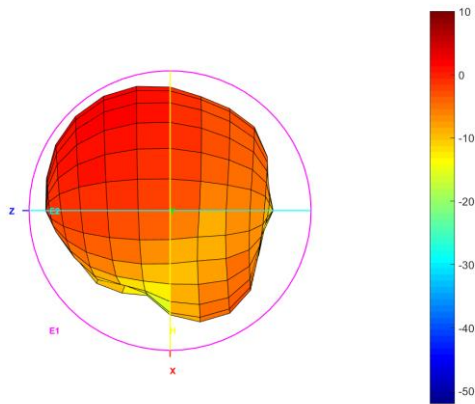
Total_3D_Left View_700MHz



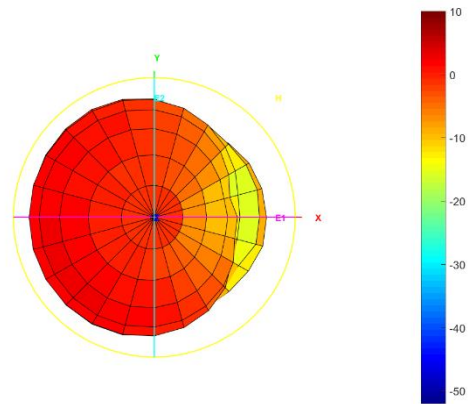
Total_3D_Side View 1_700MHz



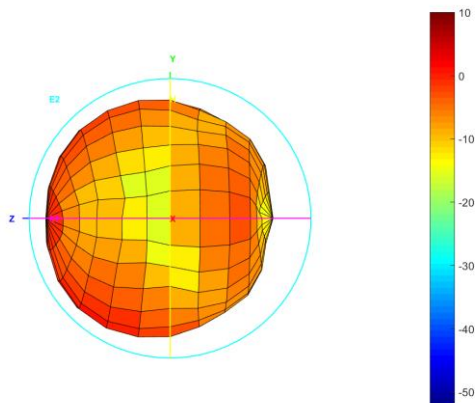
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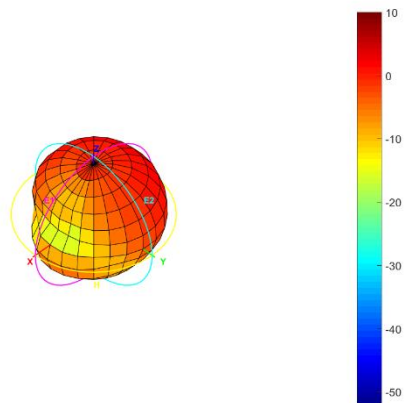
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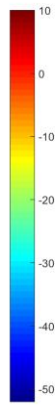
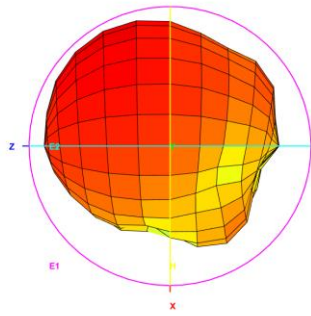
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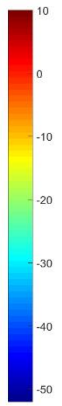
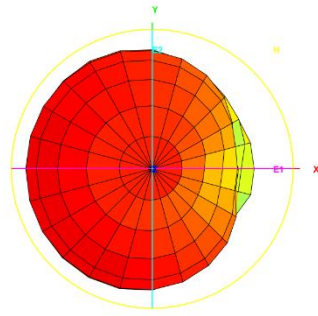
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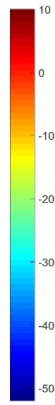
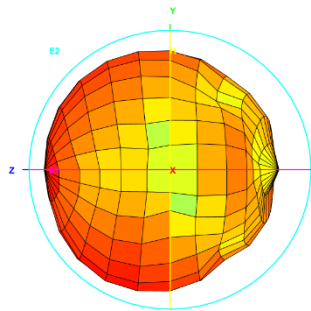
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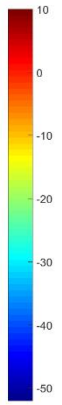
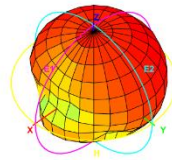
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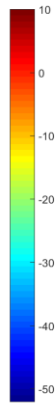
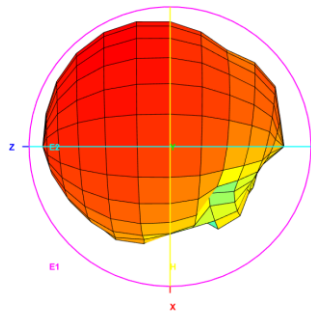
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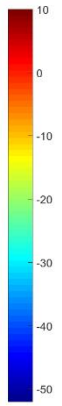
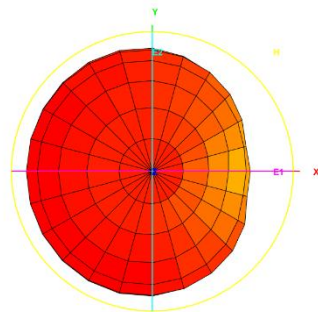
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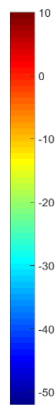
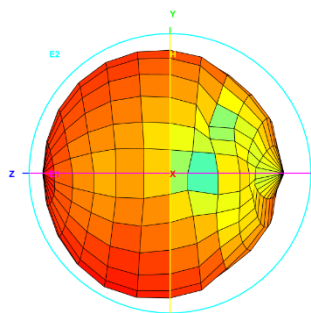
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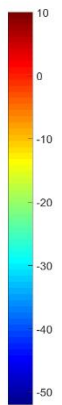
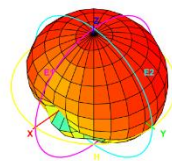
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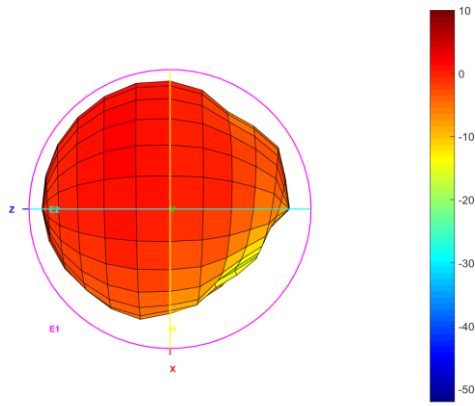
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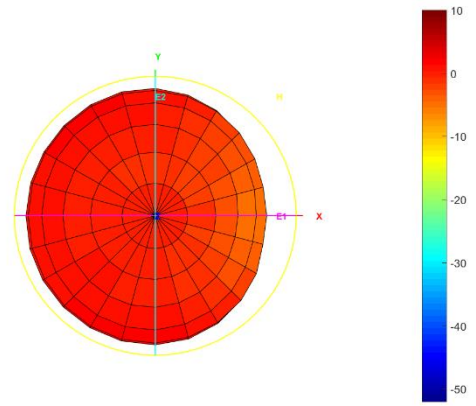
Total_3D_Side View 1_850MHz



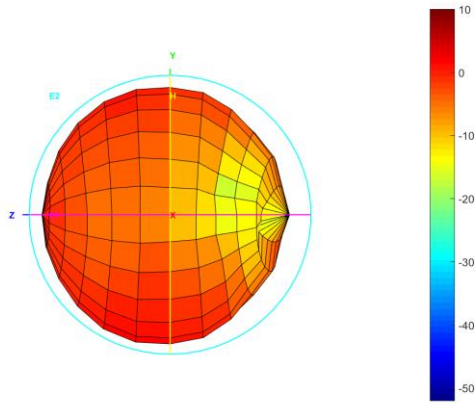
Total_3D_Top View_900MHz



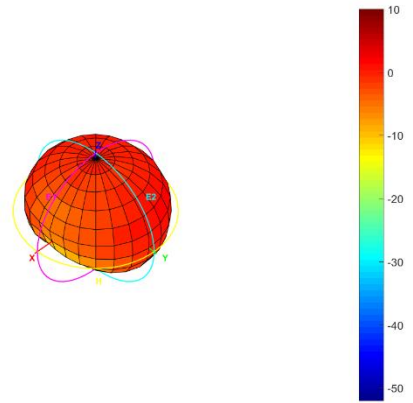
Total_3D_Front View_900MHz



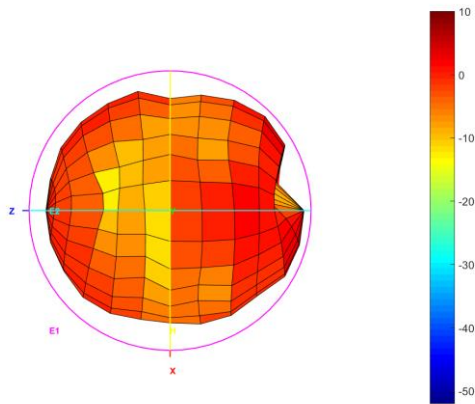
Total_3D_Left View_900MHz



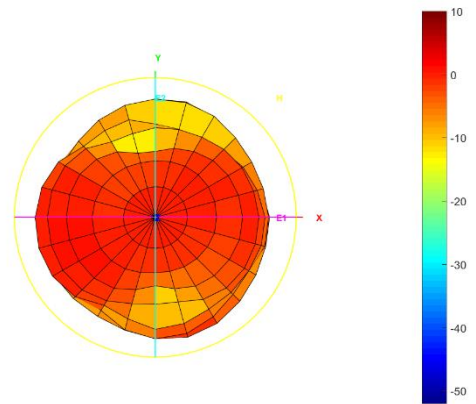
Total_3D_Side View 1_900MHz



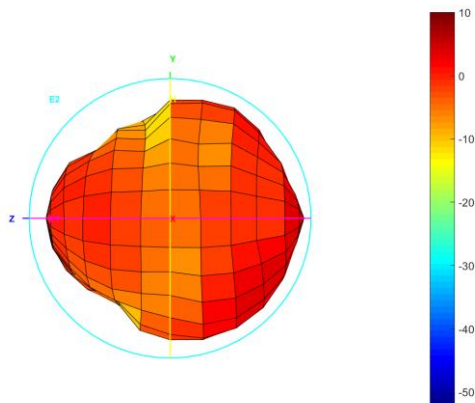
Total_3D_Top View_1.8GHz



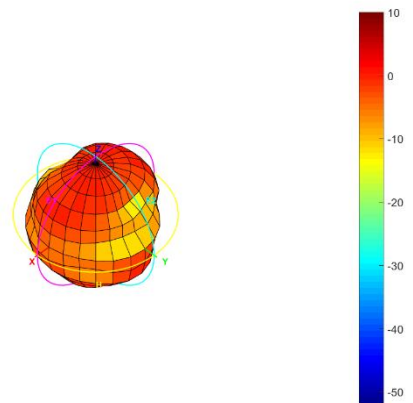
Total_3D_Front View_1.8GHz



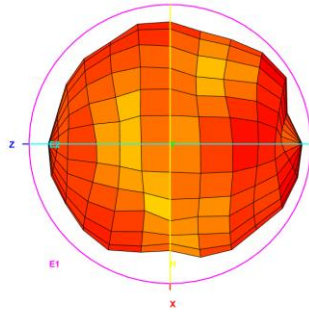
Total_3D_Left View_1.8GHz



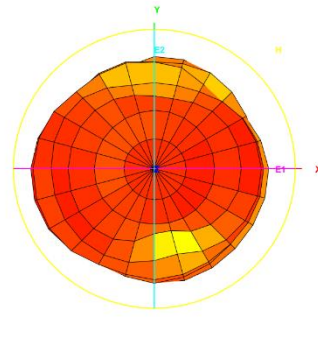
Total_3D_Side View 1_1.8GHz



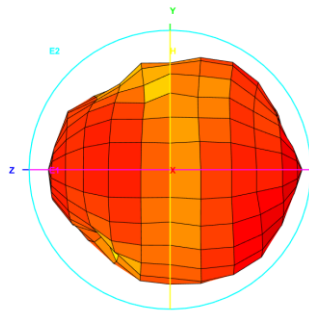
Total_3D_Top View_1.9GHz



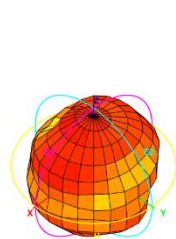
Total_3D_Front View_1.9GHz



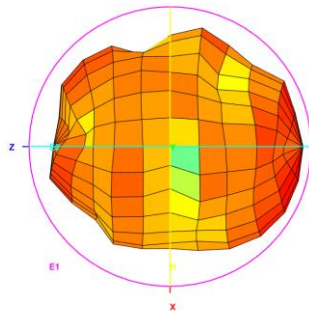
Total_3D_Left View_1.9GHz



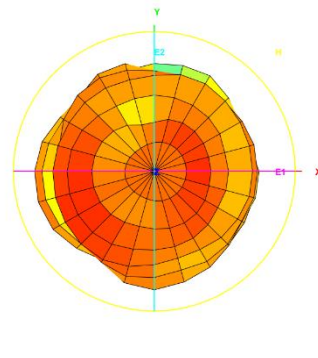
Total_3D_Side View 1_1.9GHz



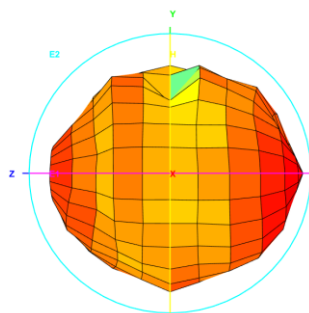
Total_3D_Top View_2.1GHz



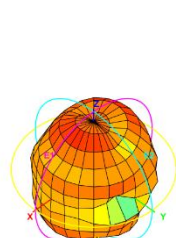
Total_3D_Front View_2.1GHz



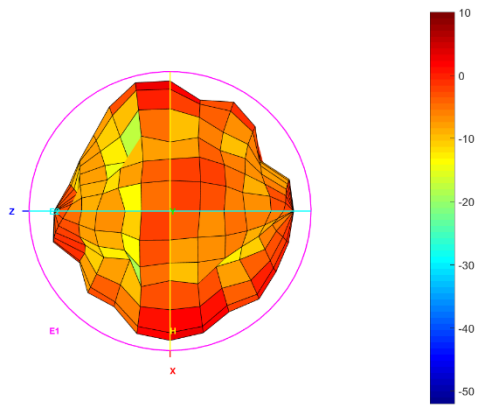
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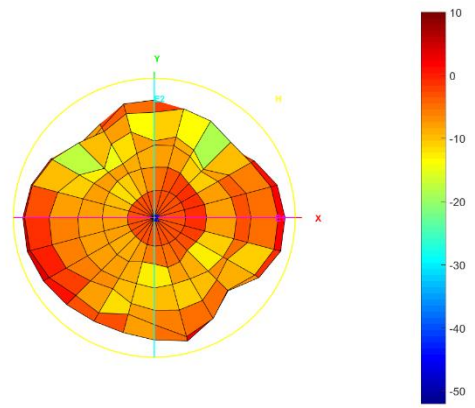
Total_3D_Side View 1_2.1GHz



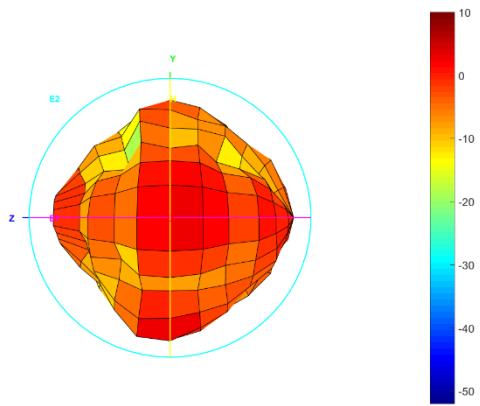
Total_3D_Top View_2.7GHz



Total_3D_Front View_2.7GHz



Total_3D_Left View_2.7GHz



Total_3D_Side View 1_2.7GHz

