



CHINMORE INDUSTRY CO.,LTD

Specification

1. Adhesive Type Antenna for 4G/LTE (C09-1 series)
2. *Chinmore's* No: CA-C09-1SMAM-427
3. Frequency: 700~2700 MHz
4. VSWR: 2.0:1
5. Impedance: 50 Ω
6. Gain: 2.5dBi
7. Connector: SMA (M) ST
8. Cable: RG-174 300mm
9. 3M Sticker
10. Included alcohol pad

✂RoHS Compliant

✂ISO 9001 & ISO 14001

✂Waterproof IP67 Rated

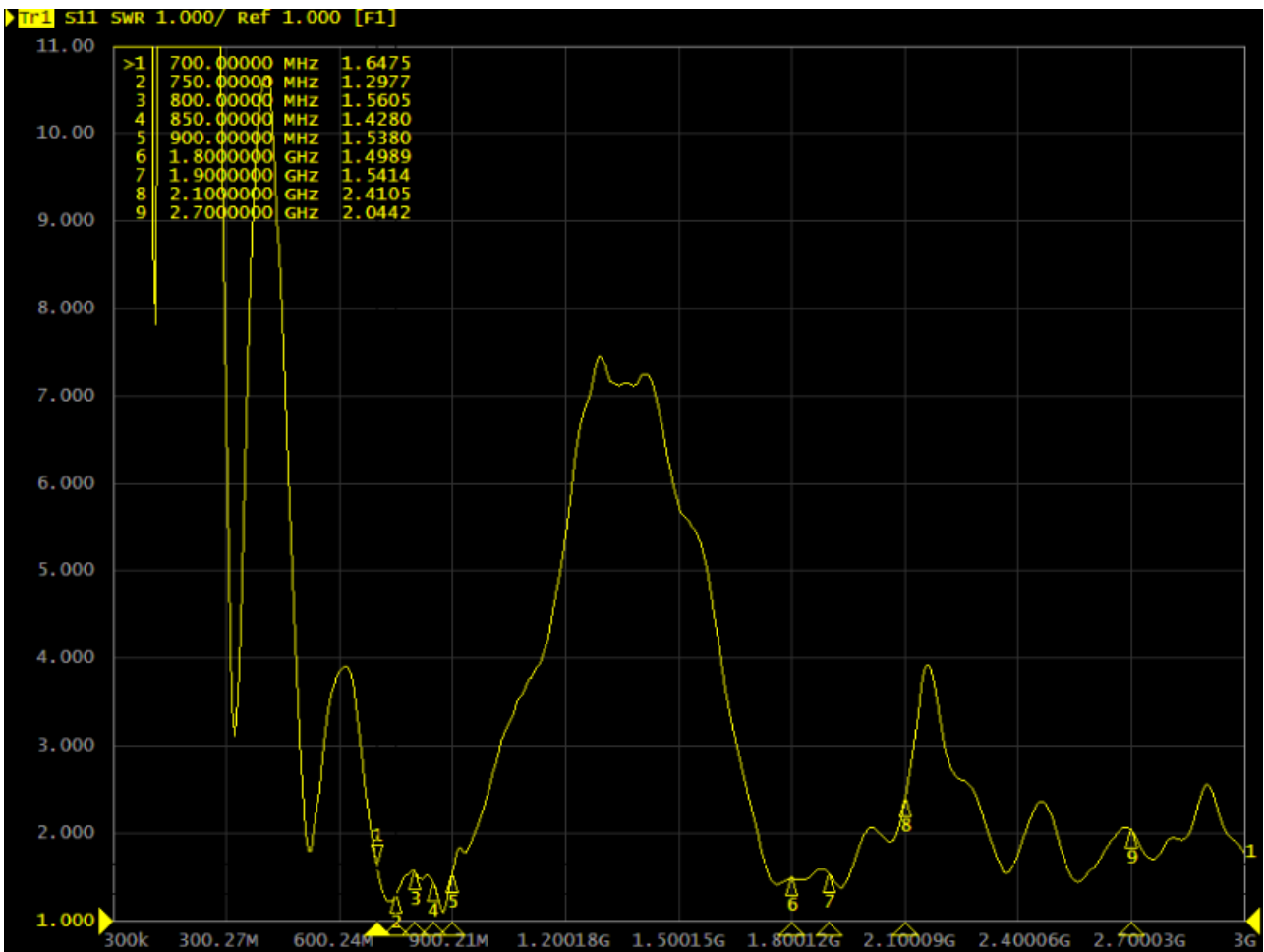
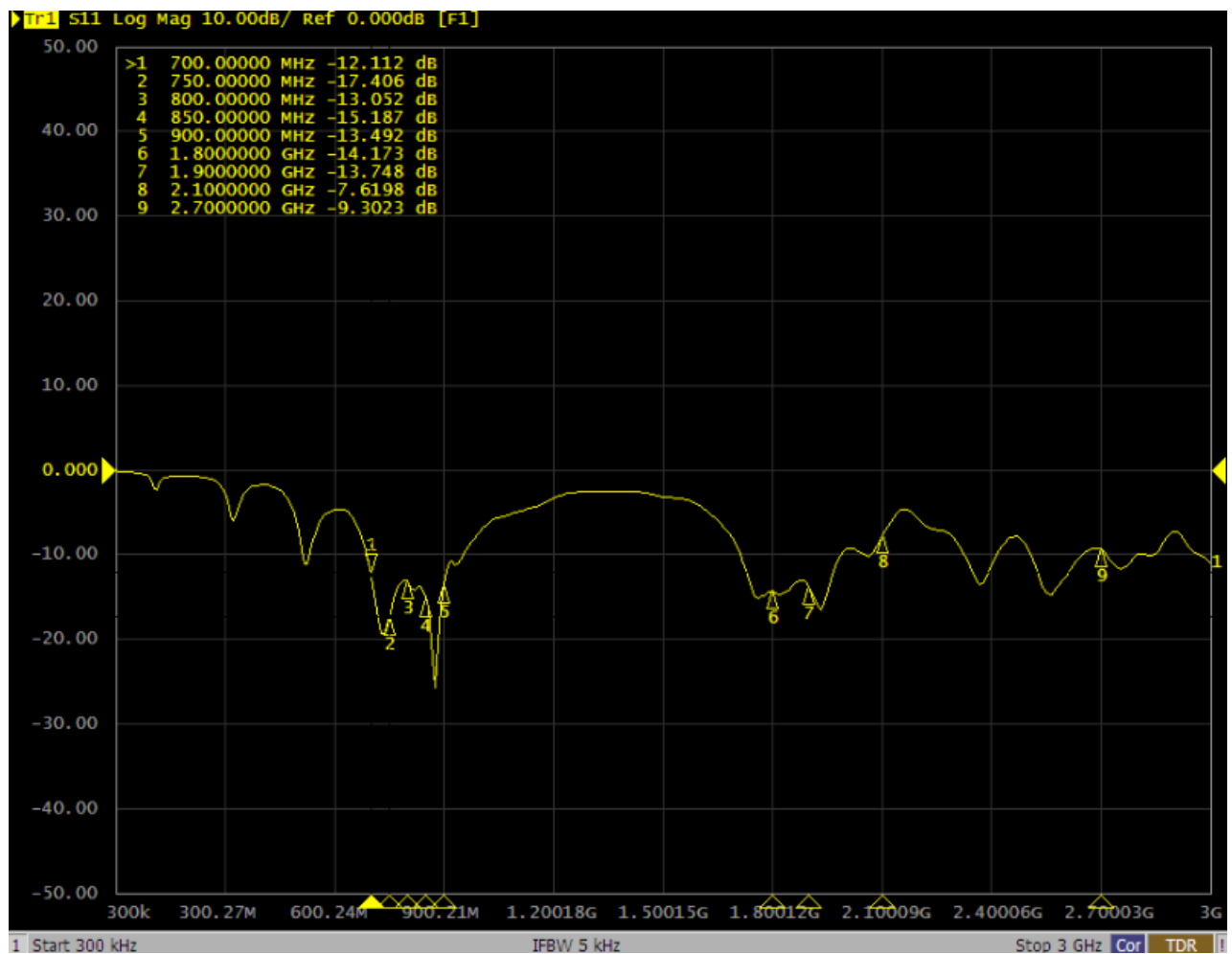
Cable	RG174/U	Frequency	700~2700MHz	3M Sticker	1.2mm	ROHS ISO 9001 ISO 14001
OD	ø2.7±0.15mm	V.S.W.R	2.0:1		PK-L15.0X117B-023	
Cover	Black (黒)	Impendence	50Ω	P.C 板	C09-1(800M)	
SMA M	Gold (鍍金)	Gain	2.5 dB		PB-92800FR4-004	

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	Ver: A	Scale 1:1	Model NO	
			.X=±0.2			File NO: QR0402	Drawing NO
			.XX=±0.1				100-23005-0348
			.XXX=±0.05				

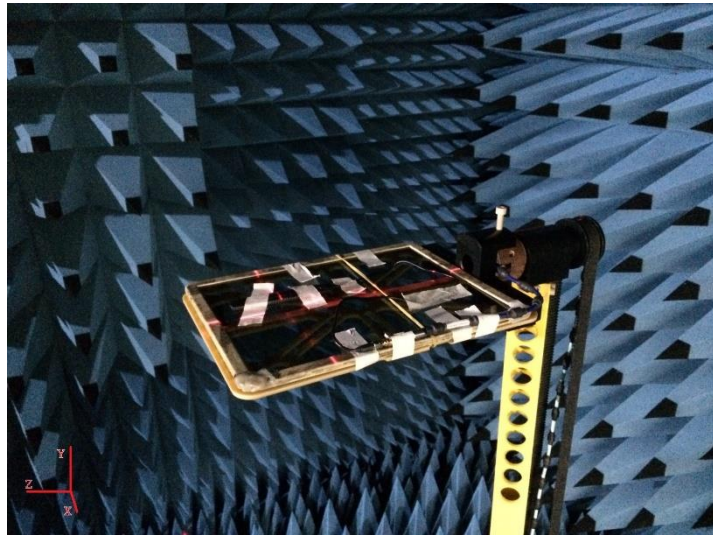
NO	DESCRIPTION	MATERIAL / FINISH	Q'TY
Part NO	CA-C09-1SMAM-427		

Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dB)
700	-12.11	1.64	44.57	1.06
750	-17.40	1.29	50.35	2.46
800	-13.05	1.56	56.23	2.8
850	-15.18	1.42	54.7	2.17
900	-13.49	1.53	68.08	2.01
1800	-14.41	1.49	76.21	4.08
1900	-13.74	1.54	70.31	4.6
2100	-7.61	2.41	34.59	2.53
2700	-9.30	2.04	52.84	4.66

Test Data(Return Loss & VSWR)

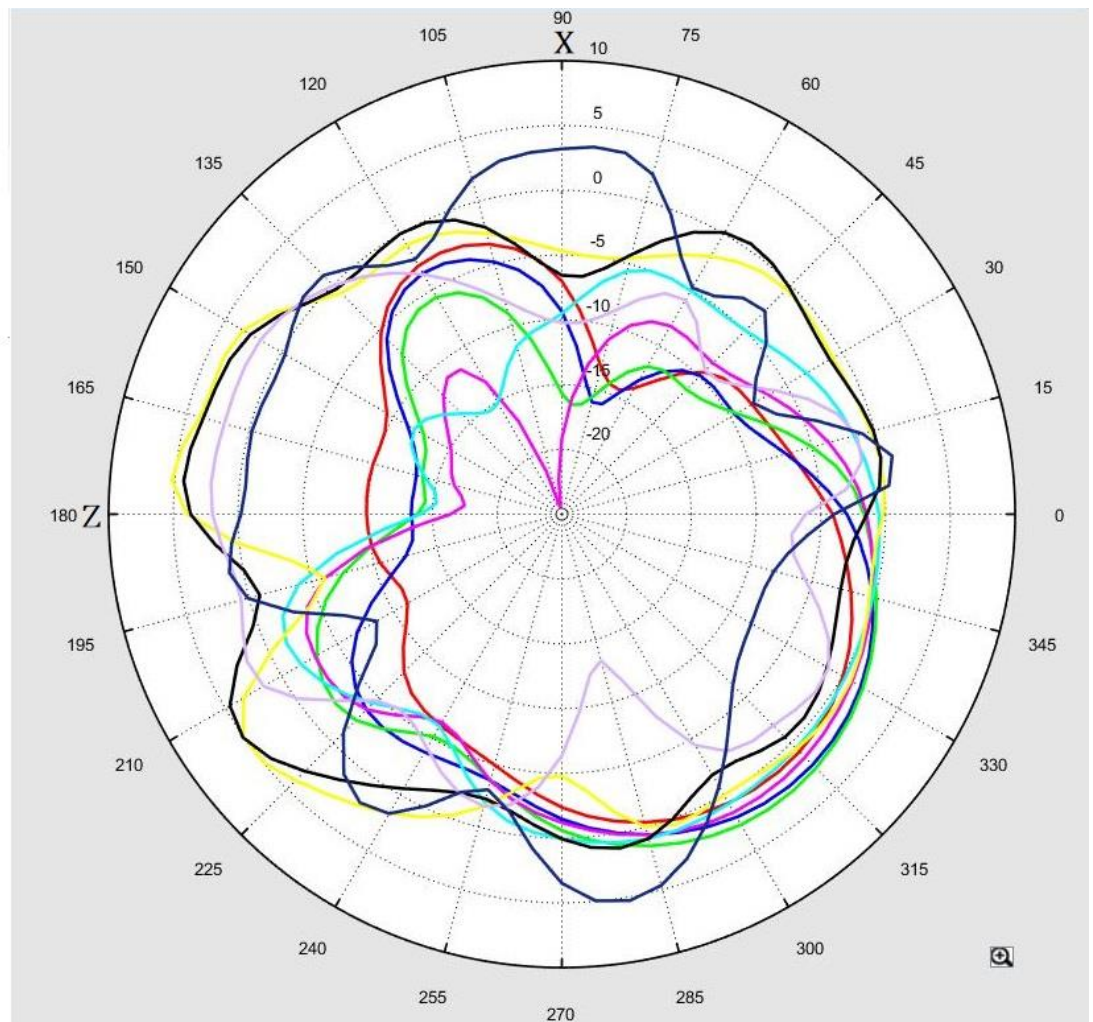


3D Test photo

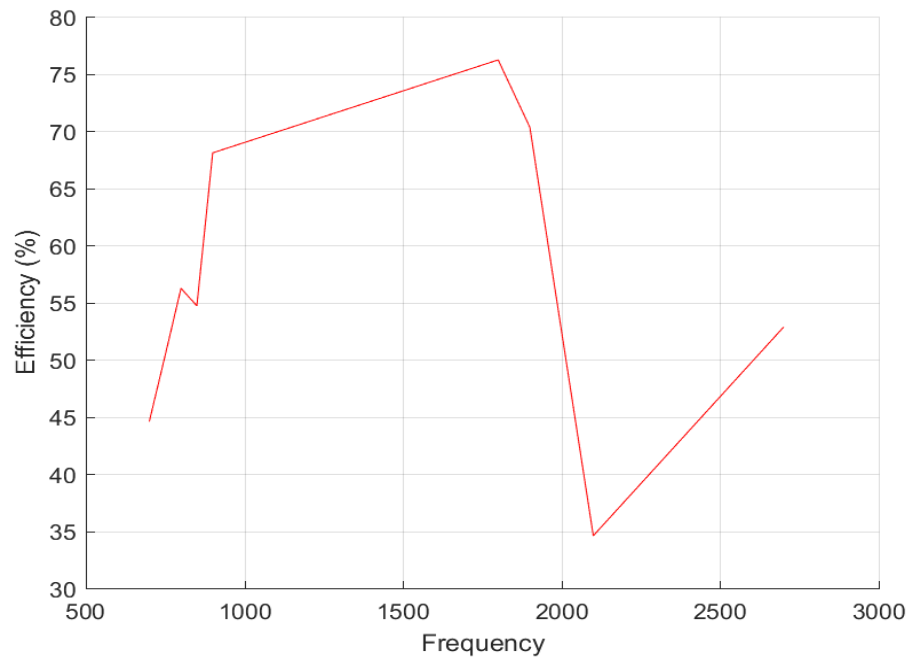


3D Test Report

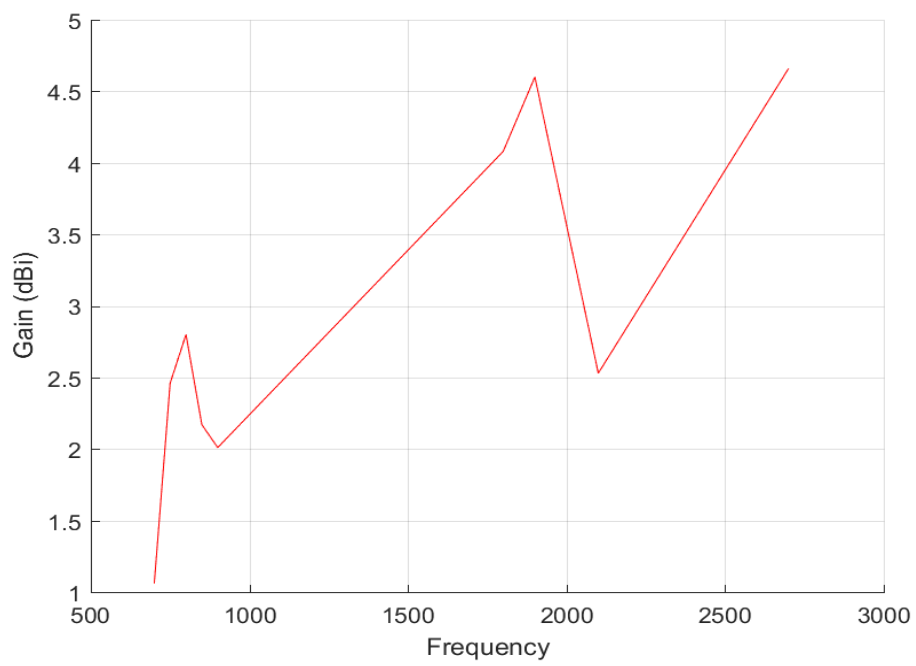
Freq. / Chan.	Color
700MHz	Red
750MHz	Blue
800MHz	Green
850MHz	Magenta
900MHz	Cyan
1.8GHz	Yellow
1.9GHz	Black
2.1GHz	Light Purple
2.7GHz	Dark Blue



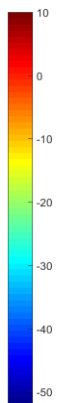
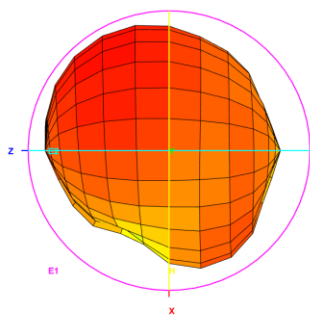
Total_Efficiency (%)



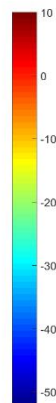
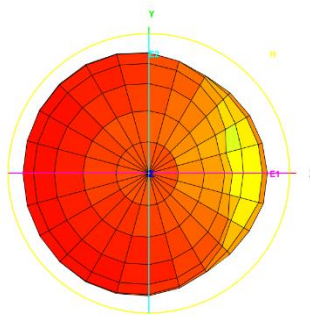
Total_Gain (dBi)



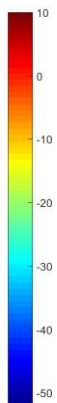
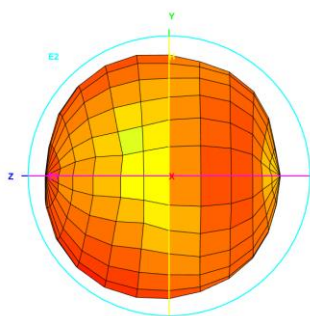
Total_3D_Top View_700MHz



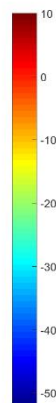
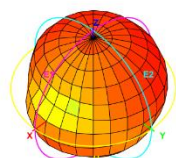
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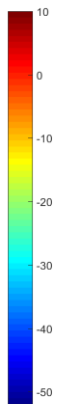
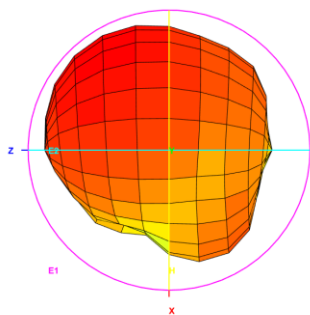
Total_3D_Left View_700MHz



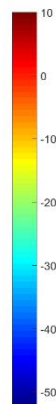
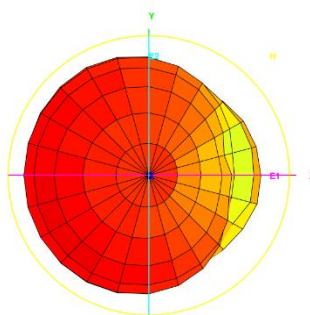
Total_3D_Side View 1_700MHz



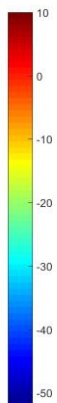
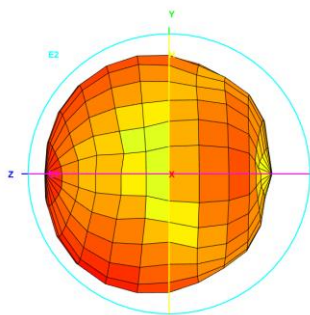
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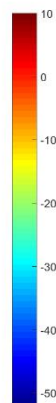
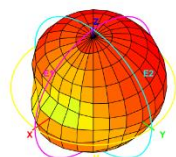
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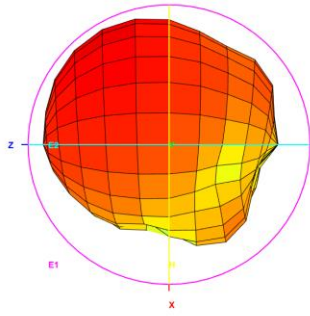
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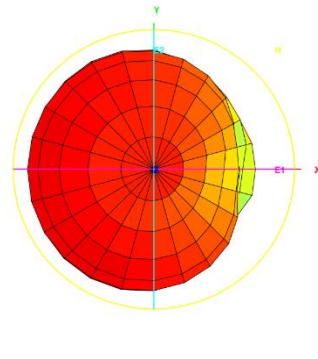
Total_3D_Side View 1_750MHz



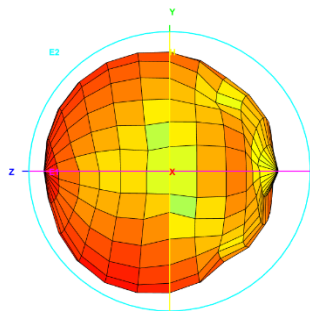
Total_3D_Top View_800MHz



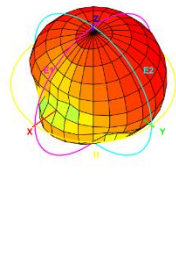
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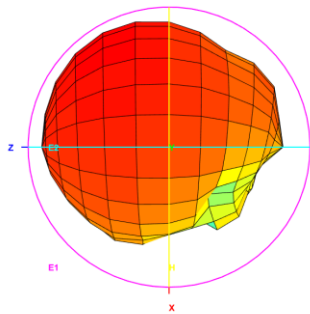
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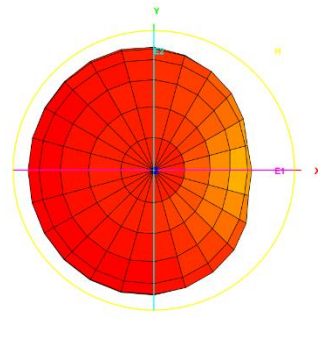
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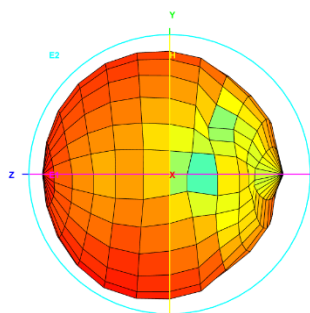
Total_3D_Top View_850MHz



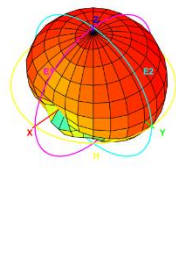
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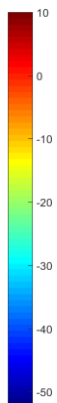
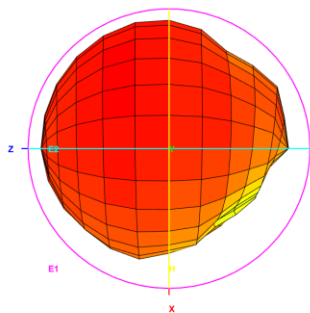
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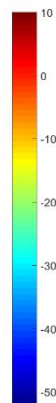
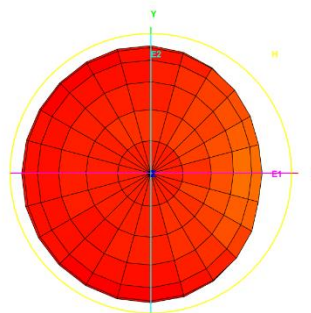
Total_3D_Side View 1_850MHz



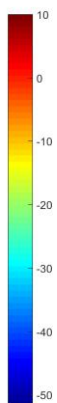
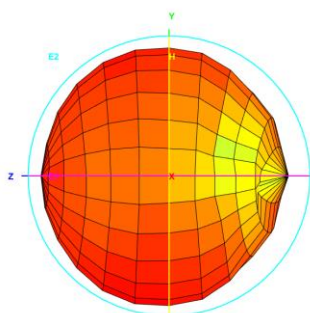
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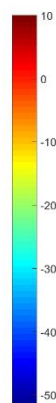
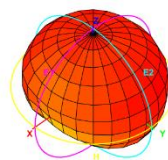
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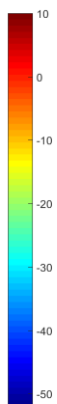
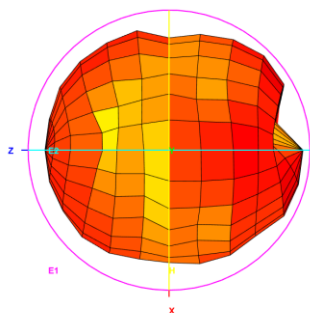
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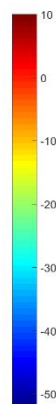
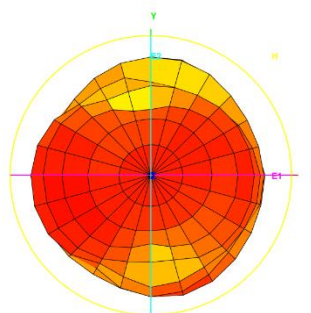
Total_3D_Side View 1_900MHz



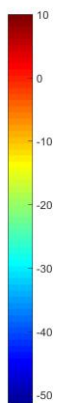
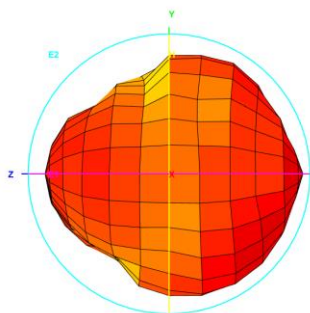
Total_3D_Top View_1.8GHz



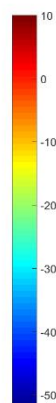
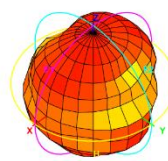
Total_3D_Front View_1.8GHz



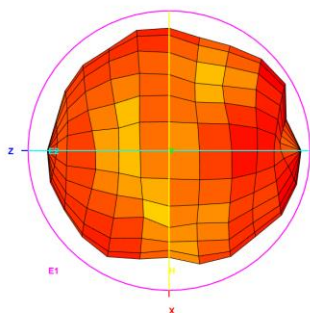
Total_3D_Left View_1.8GHz



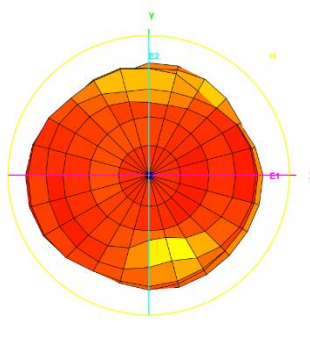
Total_3D_Side View 1_1.8GHz



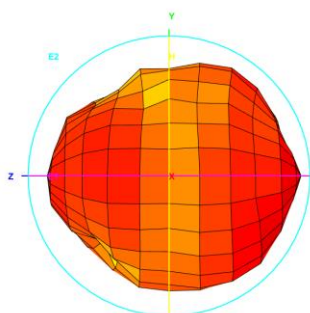
Total_3D_Top View_1.9GHz



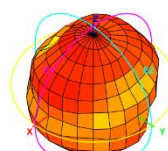
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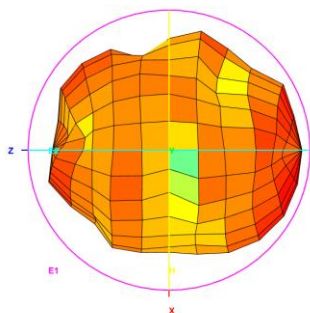
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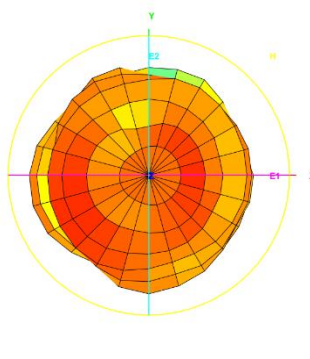
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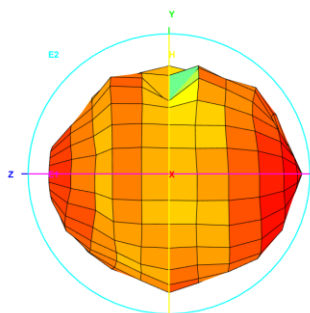
Total_3D_Top View_2.1GHz



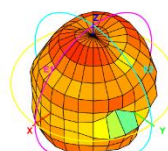
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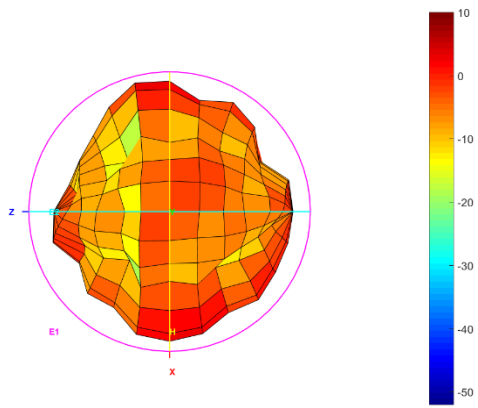
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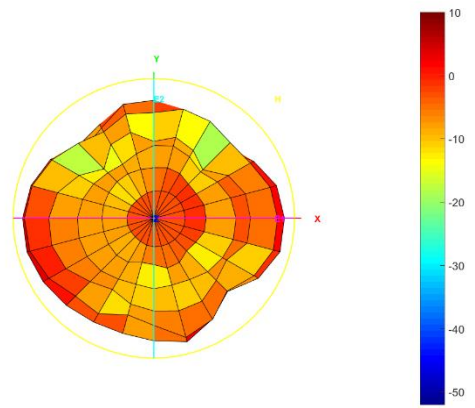
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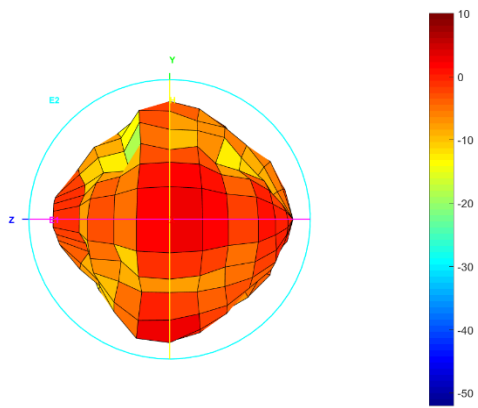
Total_3D_Top View_2.7GHz



Total_3D_Front View_2.7GHz



Total_3D_Left View_2.7GHz



Total_3D_Side View 1_2.7GHz

