



CHINMORE INDUSTRY CO.,LTD

*Specification*

1. Product Type: 5G Adhesive Mount Antenna
  2. *Chinmore's* No: CA-C09-1SMAM-417
  3. Frequency: 600~6000 MHz
  4. VSWR:2.0:1
  5. Gain: 2.5dBi
  6. Cable: RG-174/DS 3meter
  7. Connector: SMA M
  8. Bandwidth:  $\leq 360$ MHz
  9. Polarization: Linear Polarization
  10. Directivity: Directional Antenna
- ✘RoHS Compliant*

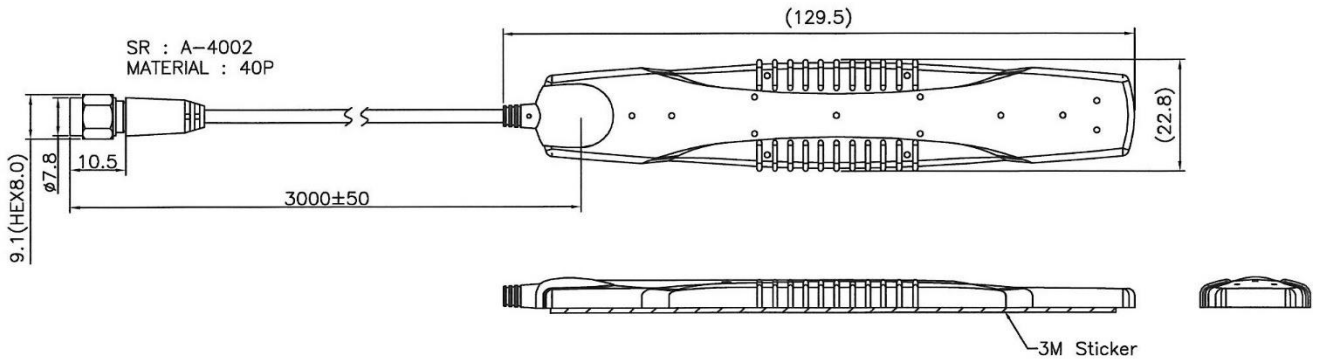
Cable	RG174/DS
OD	$\phi 2.7 \pm 0.15 \text{mm}$
Cover	Black (黒)
SMA M	Gold (金)

Frequency	600~960MHz 1710~6000MHz
V.S.W.R	2.0:1
Impedence	50 $\Omega$
Gain	2.5 dB

3M Sticker	1.2mm
	PK-L15.0X117B-023

**ROHS**

ISO 9001  
ISO 14001

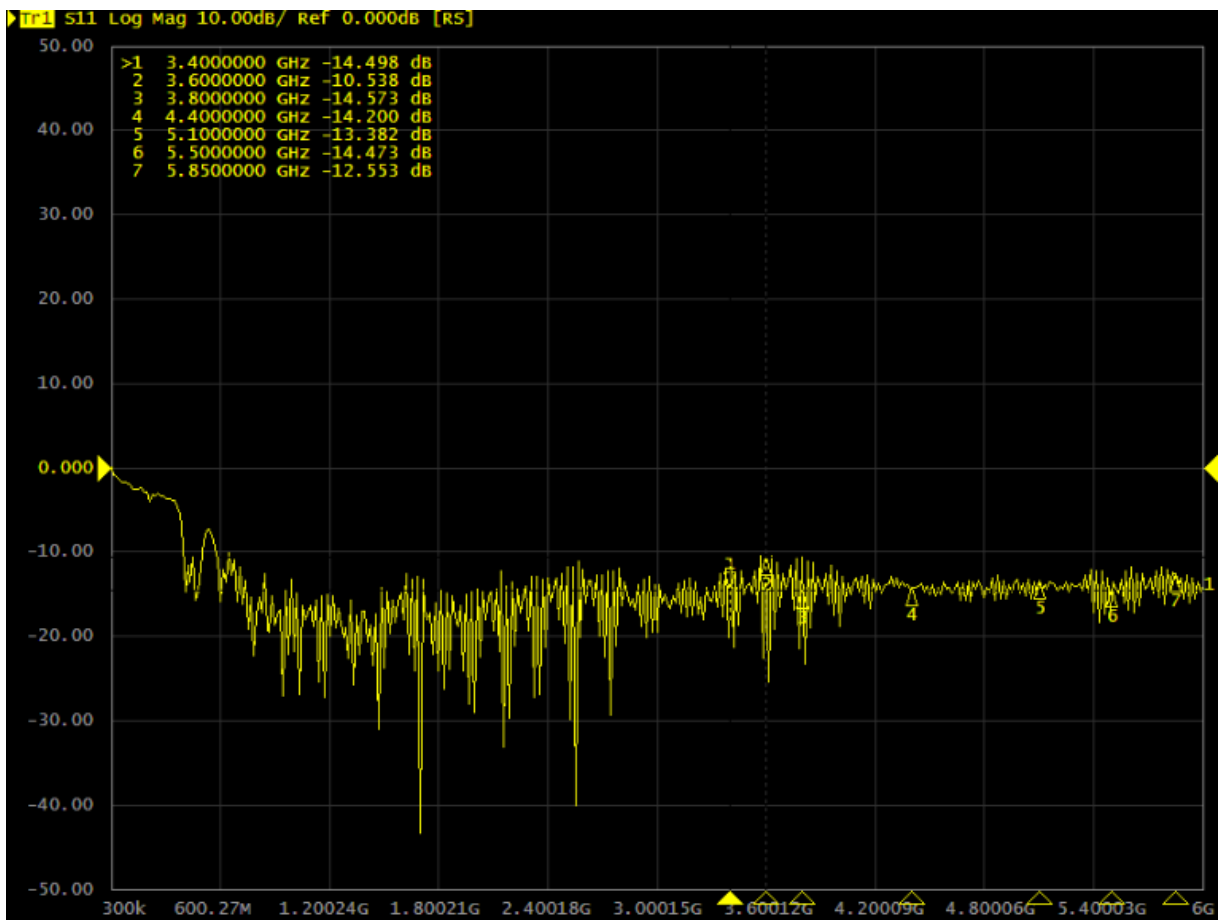
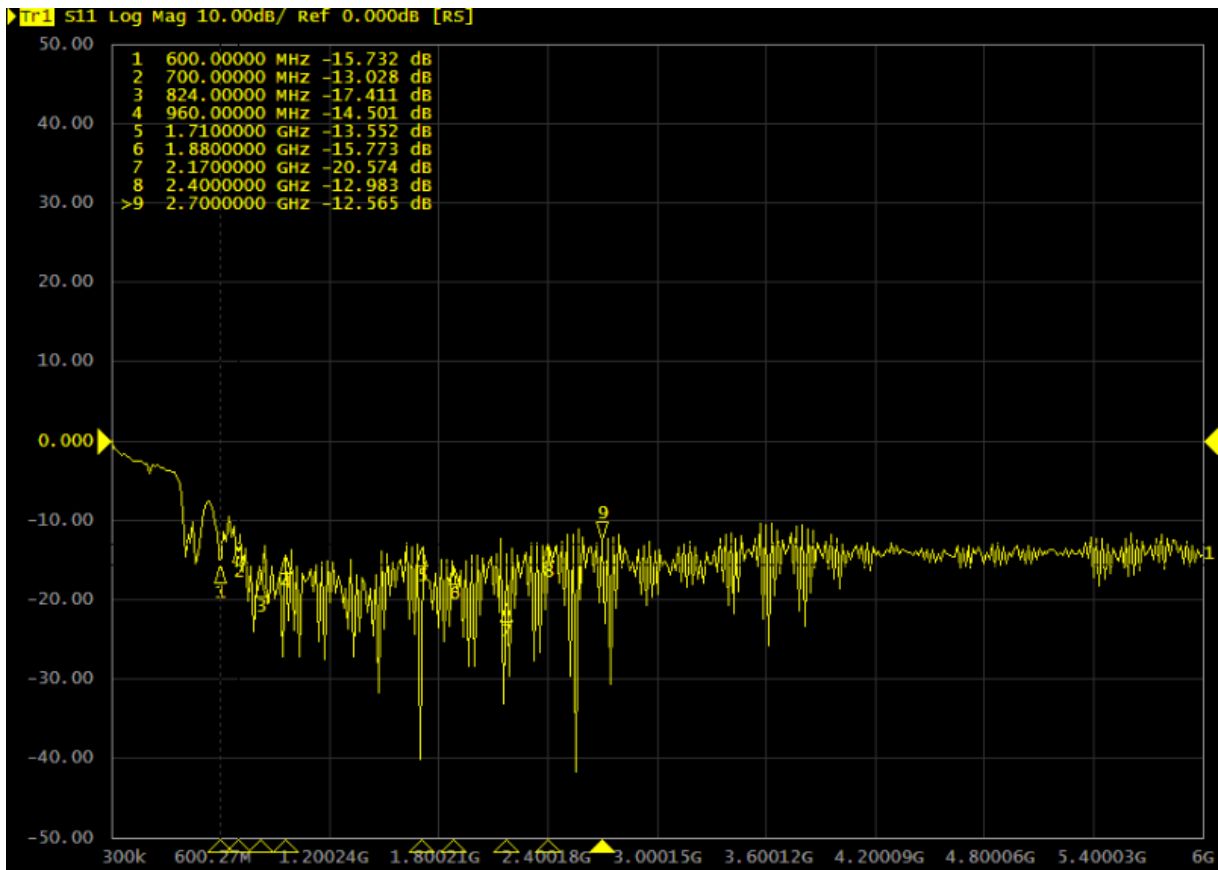


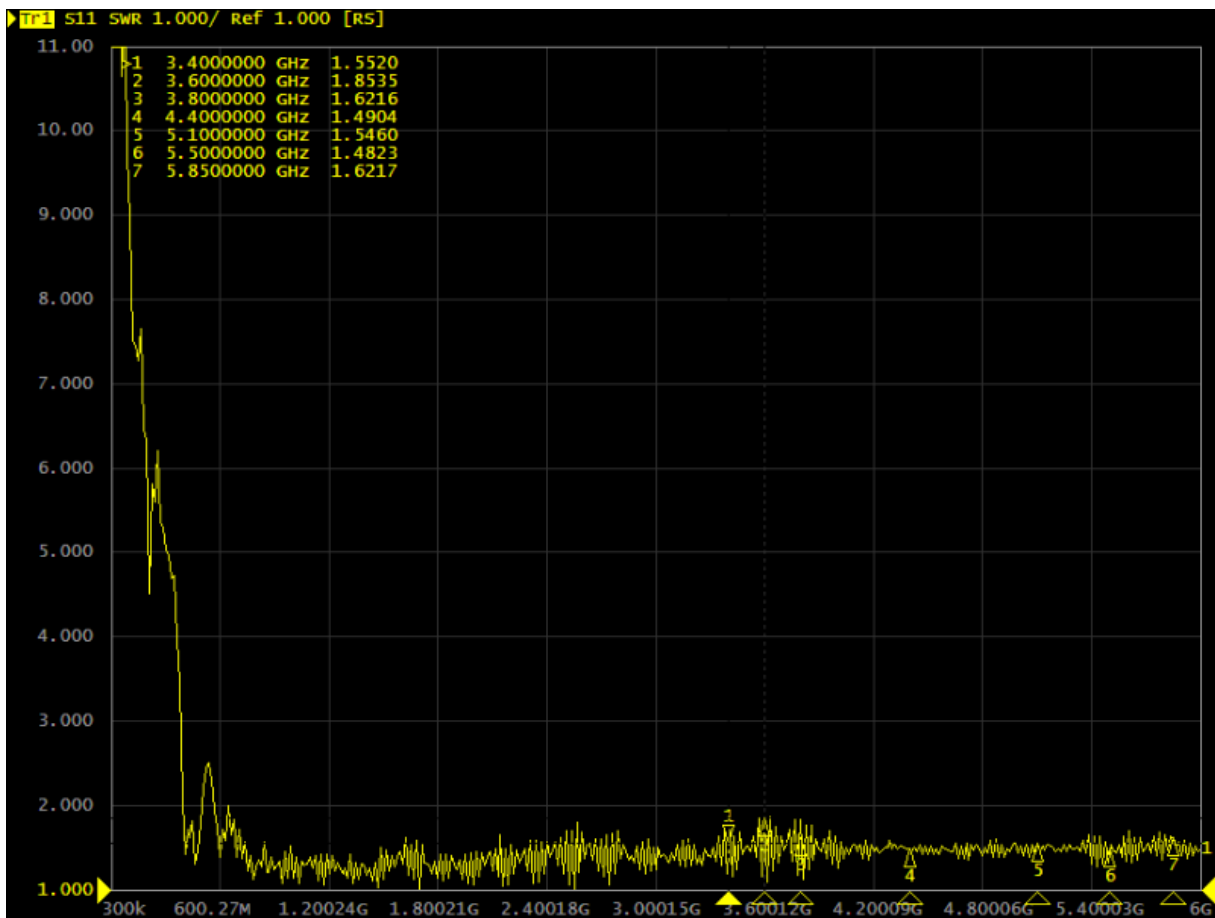
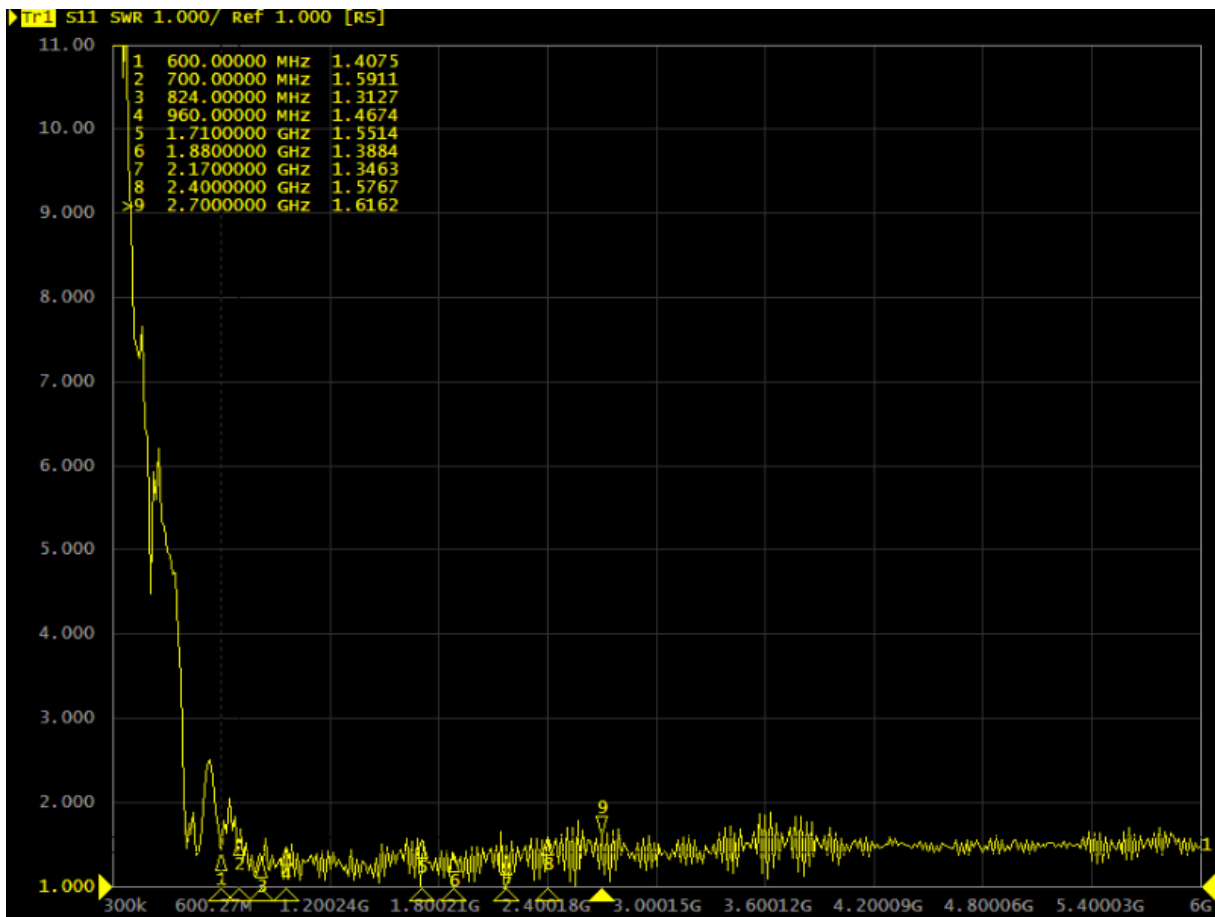
Material:		Treatment:		竣茂工業有限公司 Chinmore Industry CO.,LTD			
Drawer	Design	Aprov	Tolerance	Unit:	$\phi$	TITLE	SMA M+174/DS+C09-1
機構		工程	X=±0.5	mm			
108.11.26		108.11.26	.X=±0.2	Ver: A	Scale 1:1	Model NO	
詹曉淵		江宜陽	.XX=±0.1	File NO: QR0402	Drawing NO	281-0291	
			.XXX=±0.05				

NO	DESCRIPTION	MATERIAL / FINISH	Q'TY
Part NO	CA-C09-1SMAM-417		

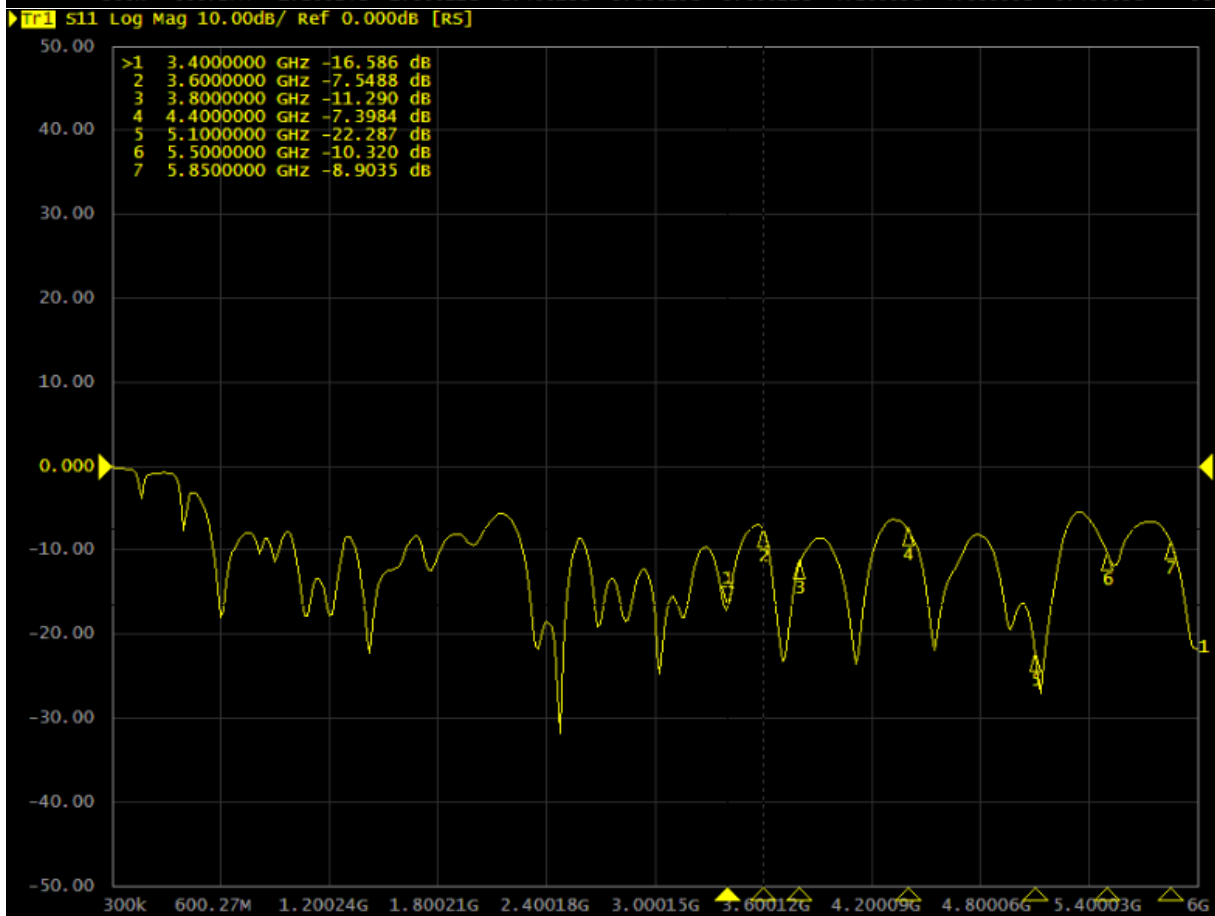
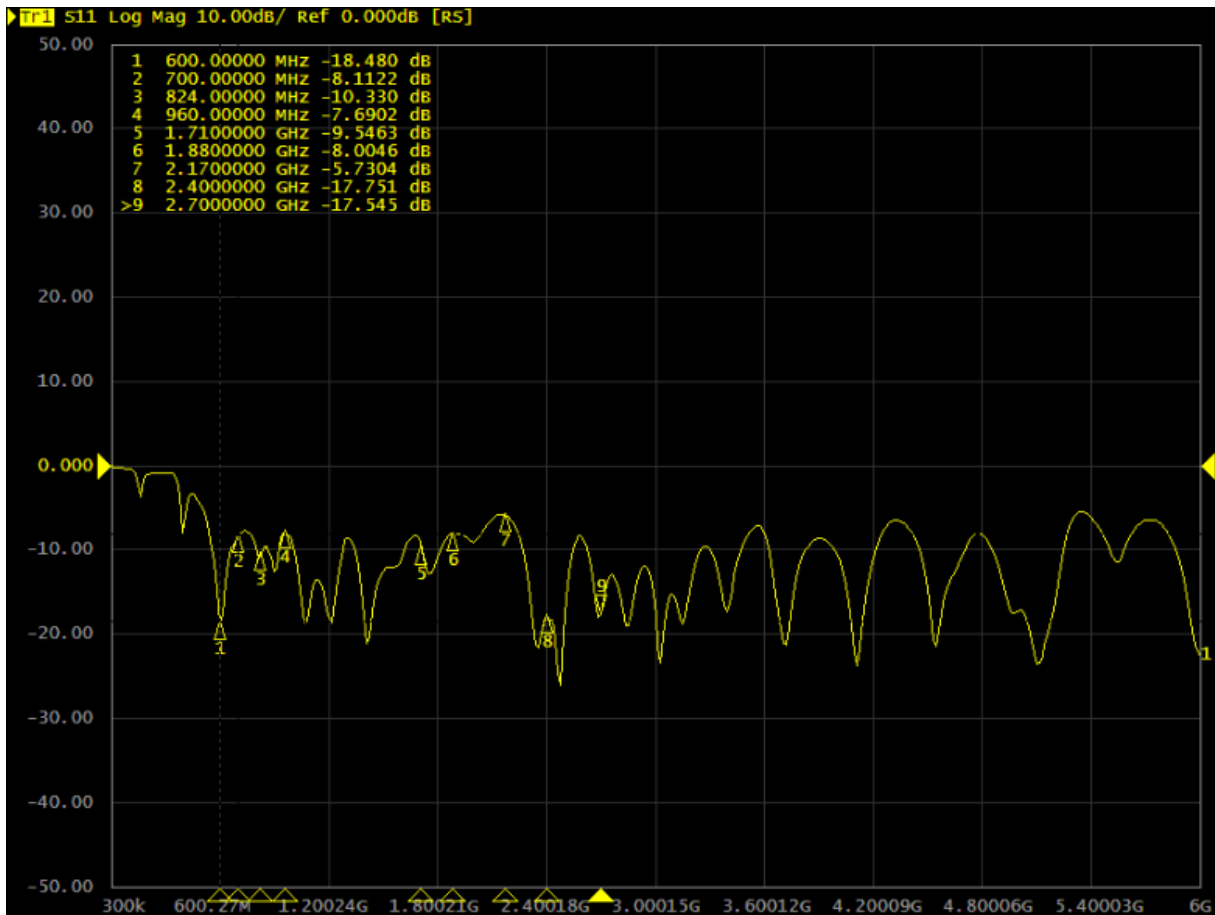
<b>Frequency (MHz)</b>	<b>Return Loss (dB)3m</b>	<b>VSWR 3m</b>	<b>Return Loss (dB)20cm</b>	<b>VSWR 20cm</b>	<b>Efficiency (%)</b>	<b>Gain (dBi)</b>
600	-15.73	1.40	-18.48	1.27	49.55	0.33
700	-13.02	1.59	-8.11	2.18	51.05	0.89
824	-17.41	1.31	-10.33	1.97	51.4	1.46
960	-14.50	1.46	-7.69	2.45	63.39	2.19
1710	-13.55	1.55	-9.54	2.02	50.23	3.89
1880	-15.77	1.38	-8.00	2.27	58.75	4.27
2170	-20.57	1.34	-5.73	3.16	56.36	2.4
2400	-12.98	1.57	-17.75	1.27	62.09	3.57
2700	-12.56	1.61	-17.54	1.27	43.85	2.9
3400	-14.49	1.55	-16.58	1.36	46.77	6
3600	-10.53	1.85	-7.54	2.42	31.7	2.48
3800	-14.57	1.62	-11.29	1.78	49.55	4.58
4400	-14.20	1.49	-7.39	2.45	34.04	1.47
5100	-13.38	1.54	-22.28	1.18	33.42	0.69
5500	-14.47	1.48	-10.32	1.89	20.51	-0.46
5850	-12.55	1.62	-8.90	2.09	31.84	0.78

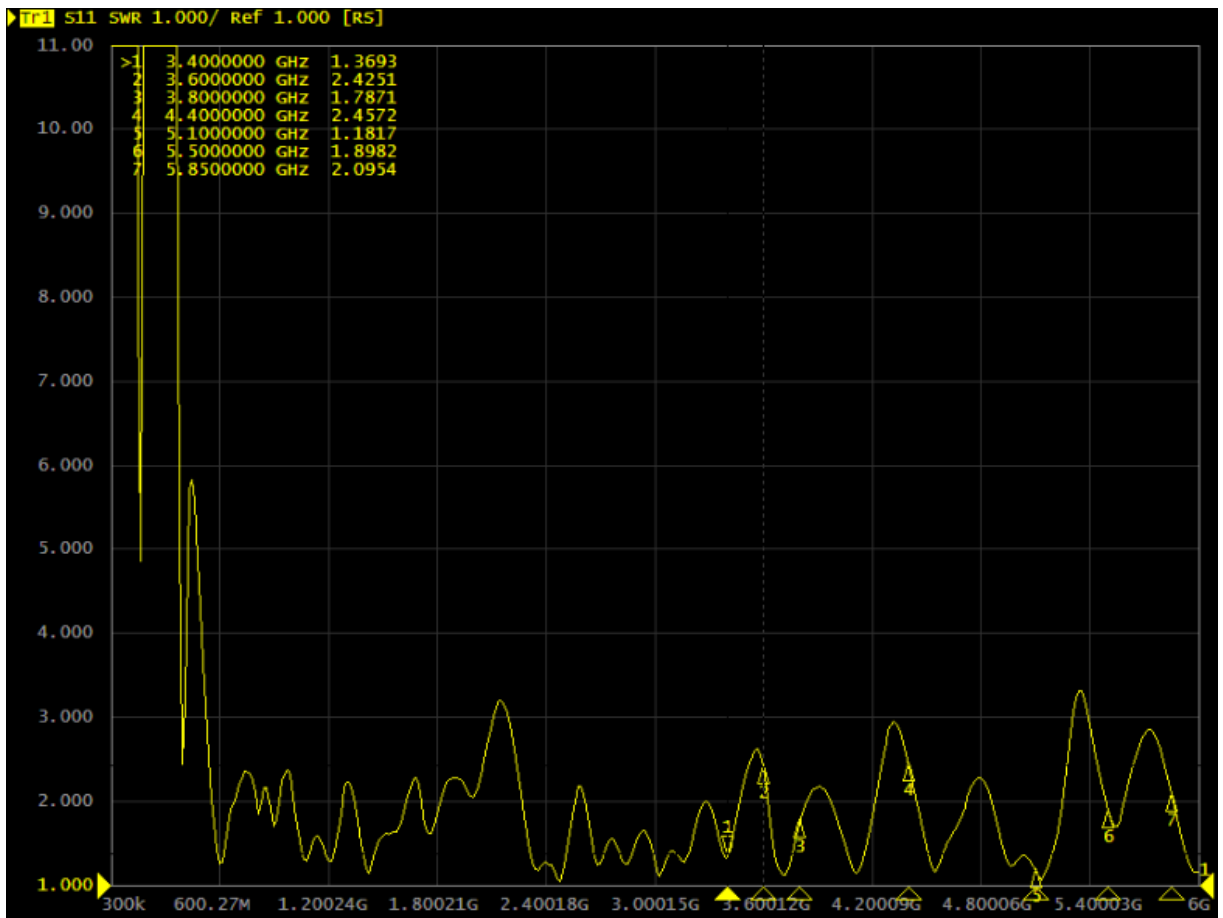
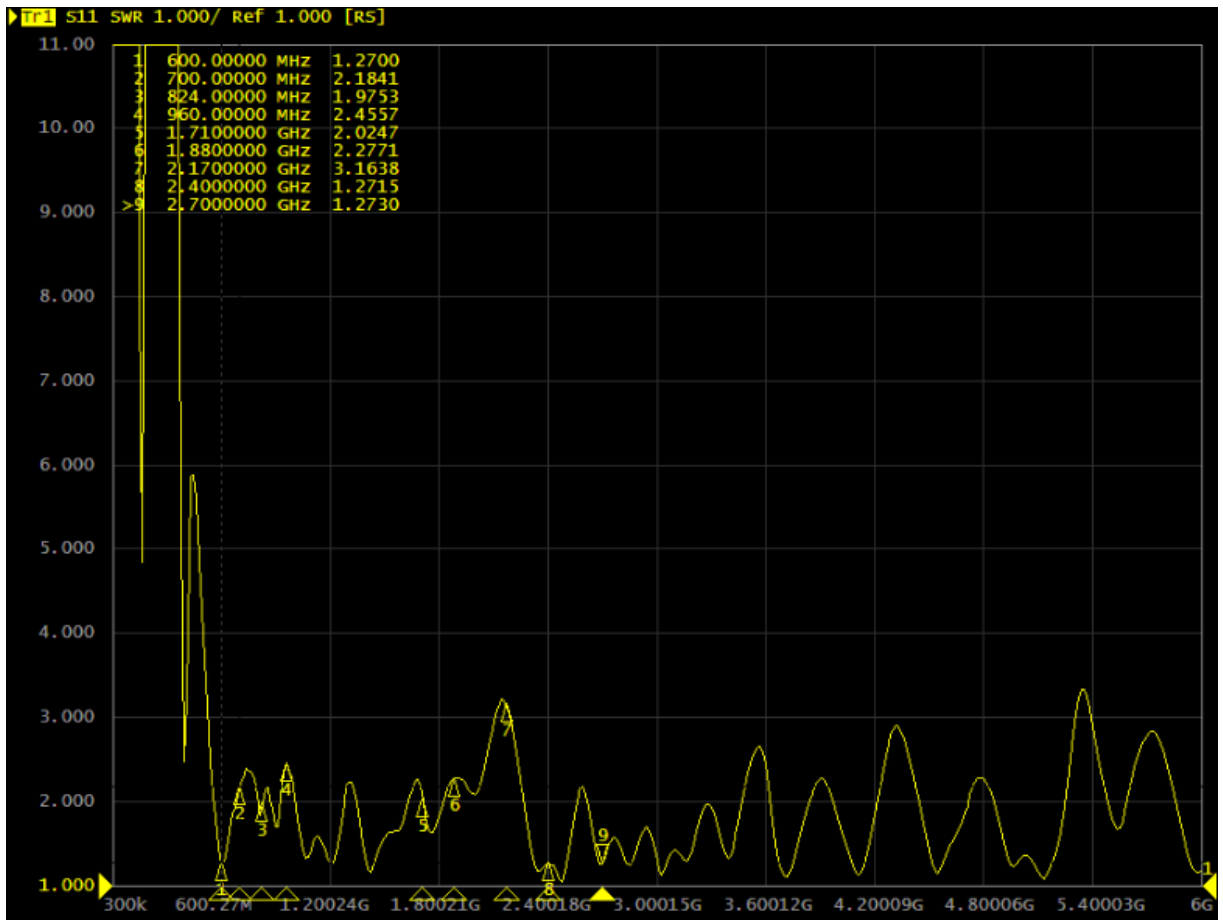
# Test Data (Return Loss & VSWR) (Cable 3M)



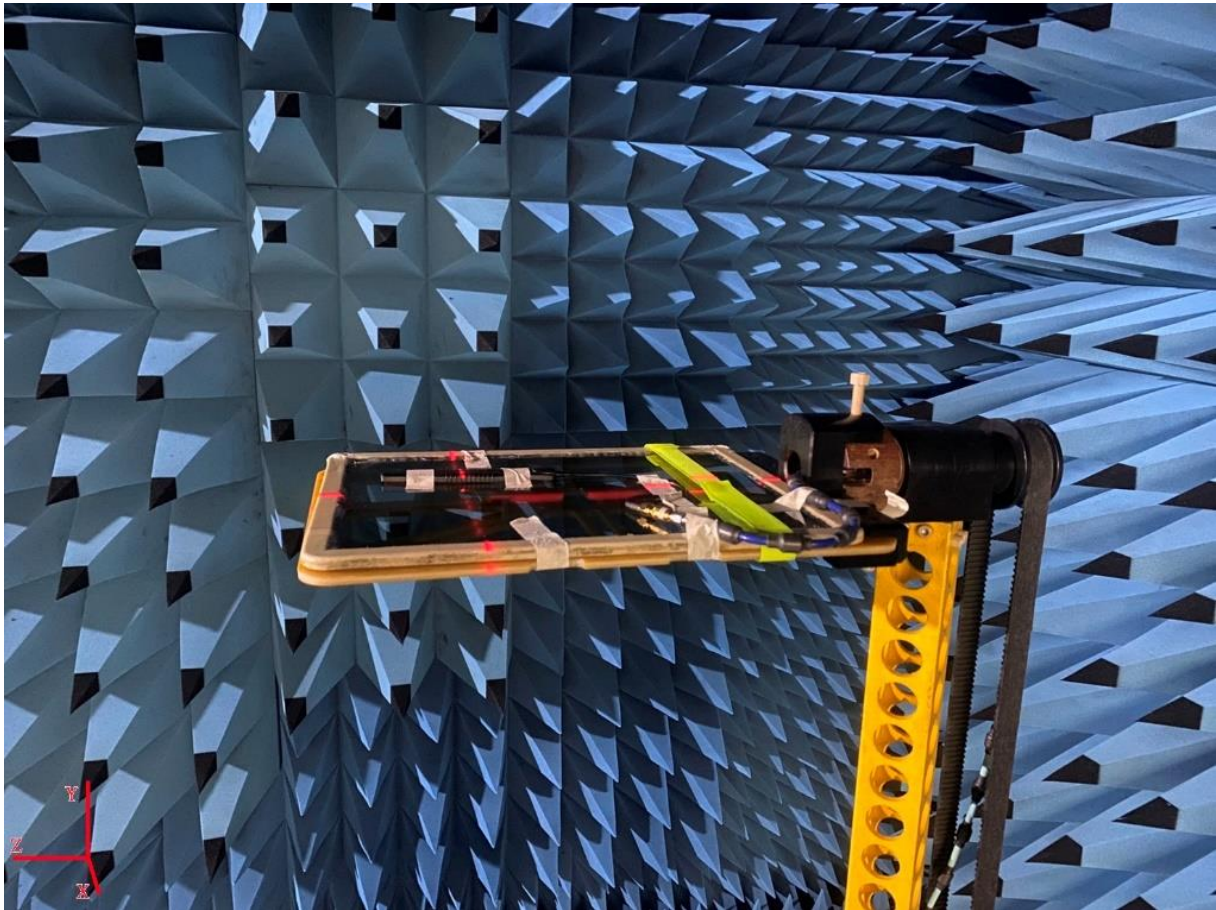


# Test Data (Return Loss & VSWR) (Cable 20cm)



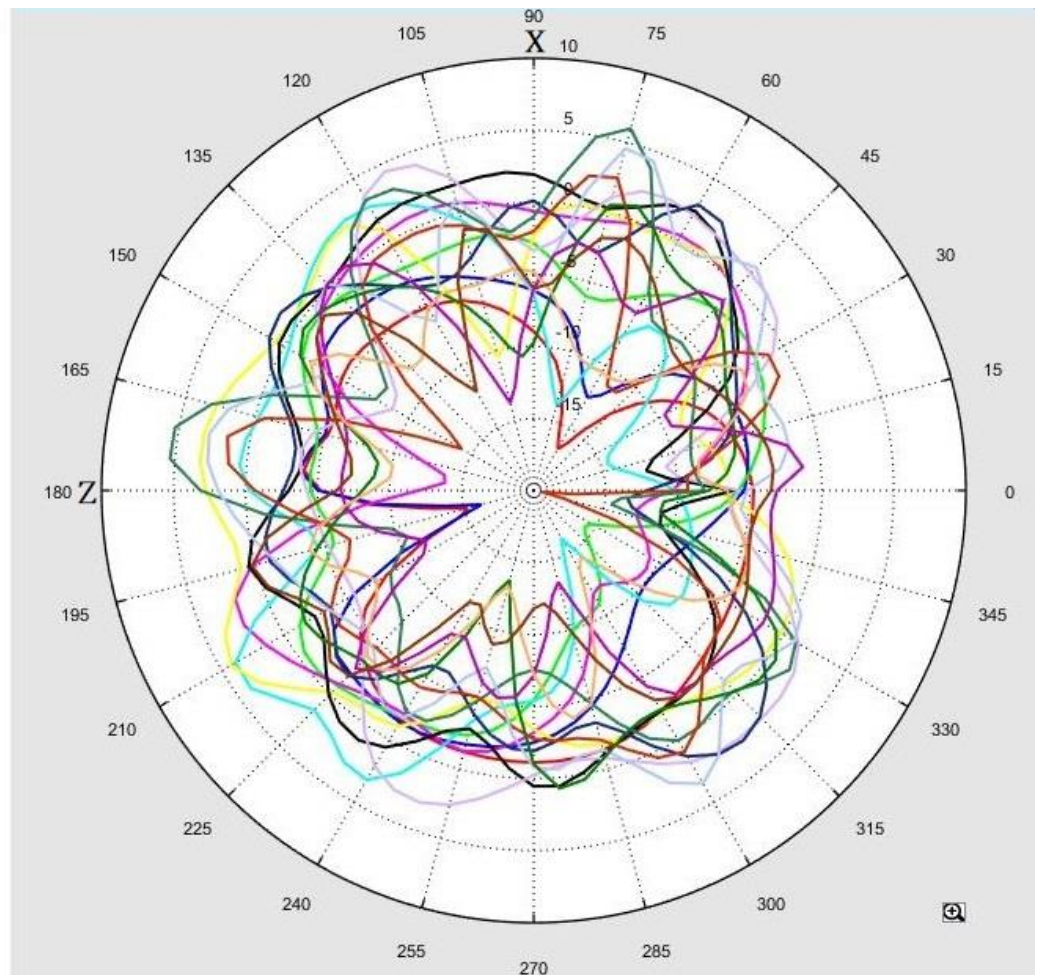


### 3D Test Photo



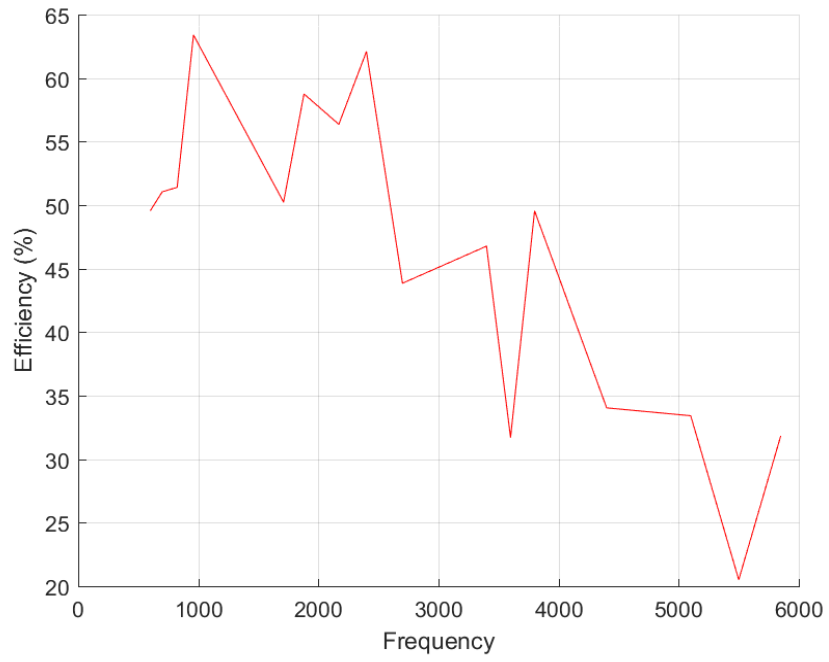
### 3D Test Data (Cable 20cm)

Freq. / Chan.	Color
600MHz	Red
700MHz	Blue
824MHz	Green
960MHz	Magenta
1.71GHz	Cyan
1.88GHz	Yellow
2.17GHz	Black
2.4GHz	Purple
2.7GHz	Dark Blue
3.4GHz	Teal
3.6GHz	Orange
3.8GHz	Light Blue
4.4GHz	Dark Green
5.1GHz	Pink
5.5GHz	Tan
5.85GHz	Brown

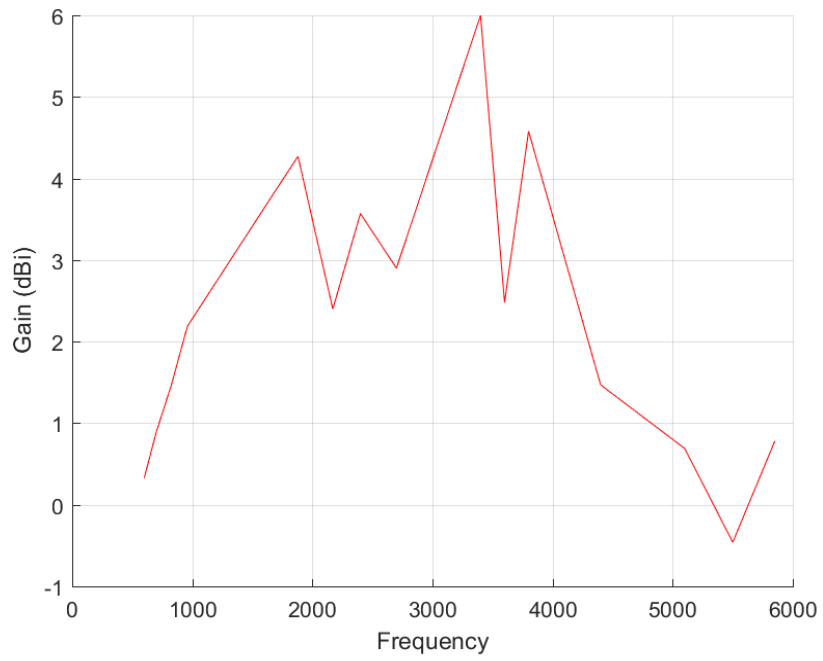




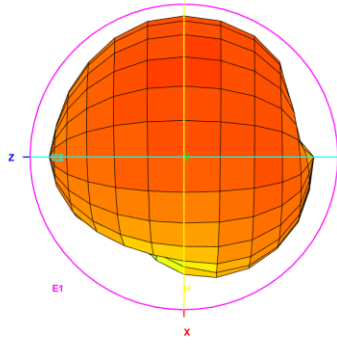
Total\_Efficiency (%)



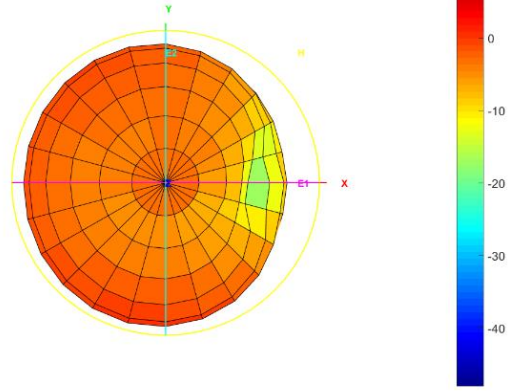
Total\_Gain (dBi)



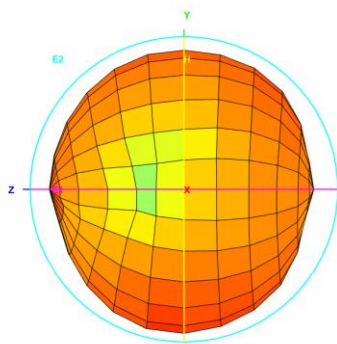
Total\_3D\_Top View\_600MHz



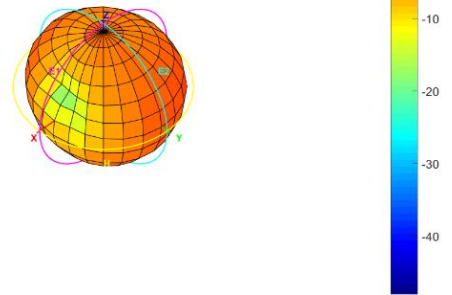
Total\_3D\_Front View\_600MHz



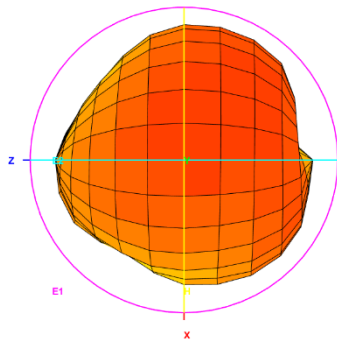
Total\_3D\_Left View\_600MHz



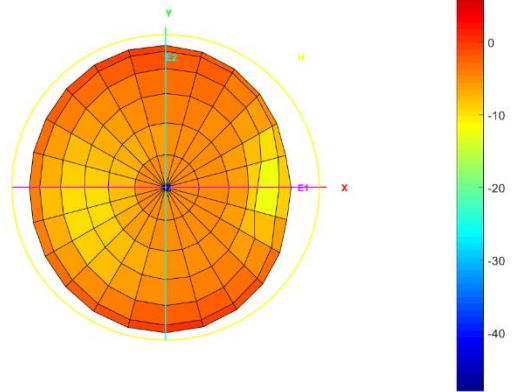
Total\_3D\_Side View 1\_600MHz



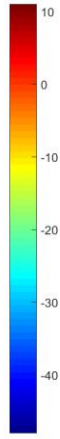
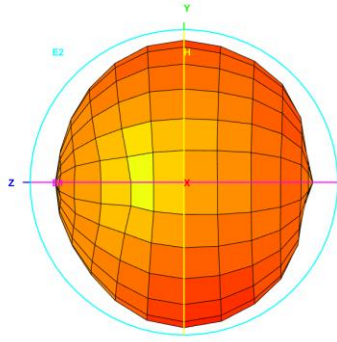
Total\_3D\_Top View\_700MHz



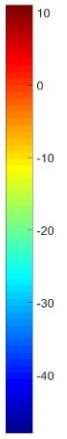
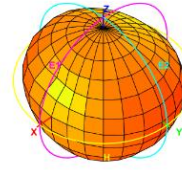
Total\_3D\_Front View\_700MHz



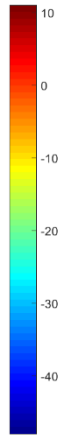
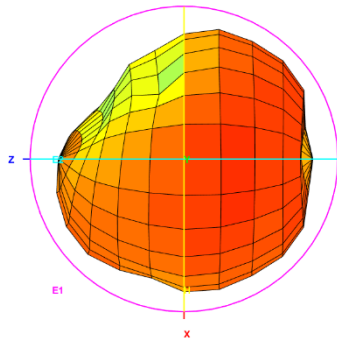
Total\_3D\_Left View\_700MHz



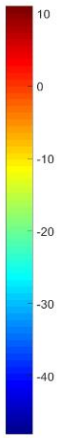
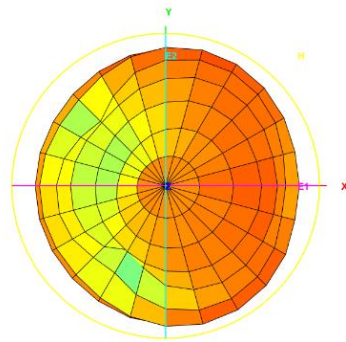
Total\_3D\_Side View 1\_700MHz



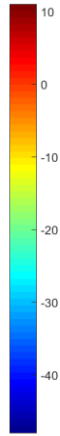
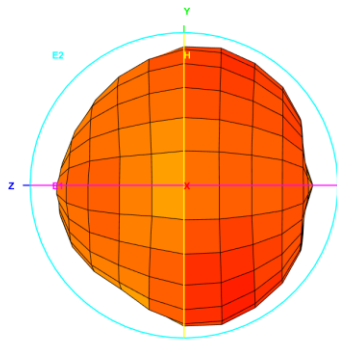
Total\_3D\_Top View\_824MHz



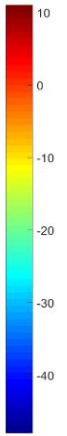
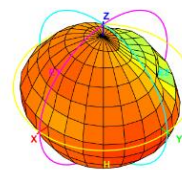
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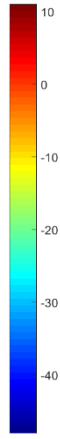
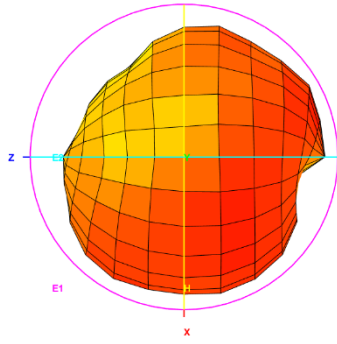
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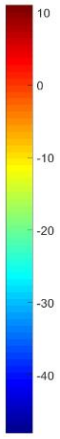
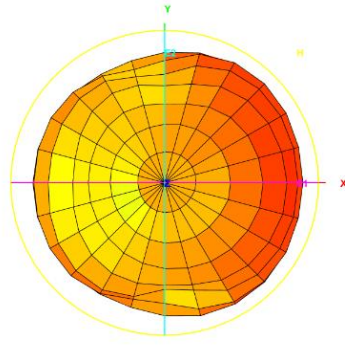
Total\_3D\_Side View 1\_824MHz



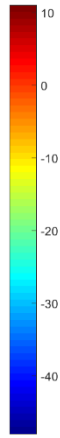
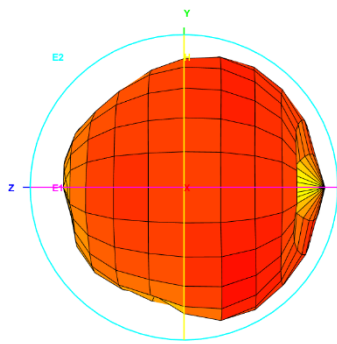
Total\_3D\_Top View\_960MHz



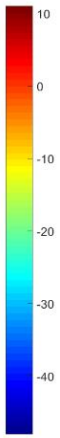
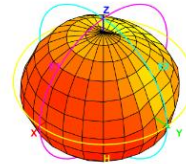
Total\_3D\_Front View\_960MHz



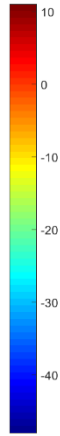
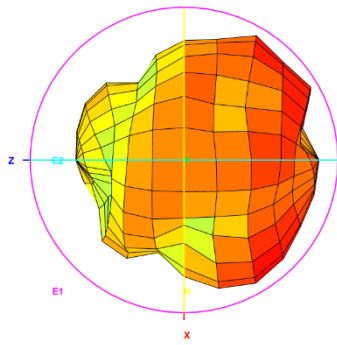
Total\_3D\_Left View\_960MHz



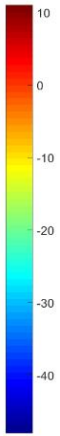
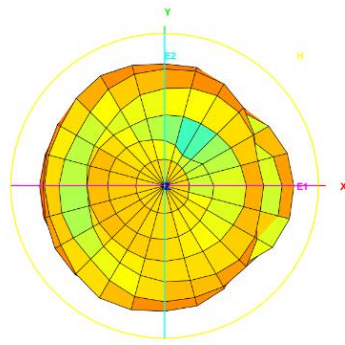
Total\_3D\_Side View 1\_960MHz



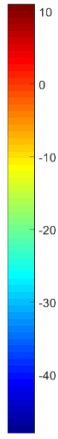
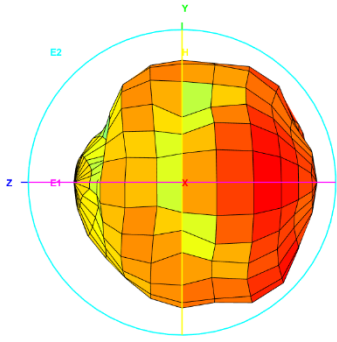
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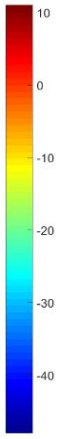
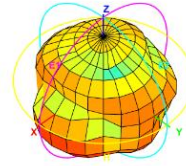
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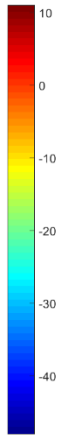
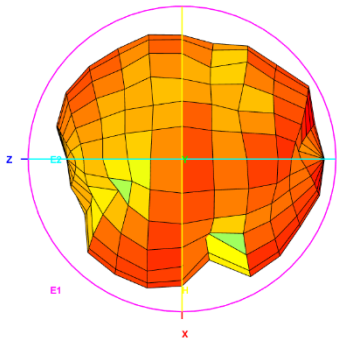
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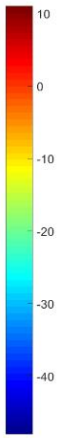
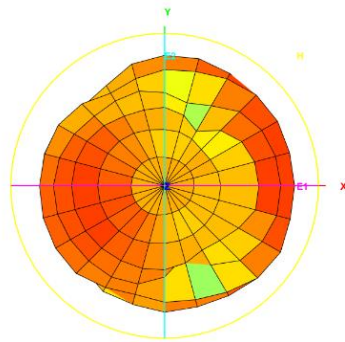
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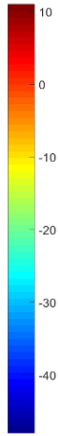
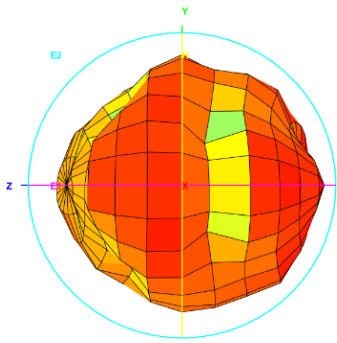
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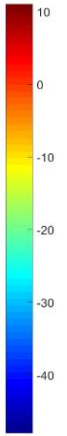
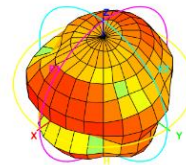
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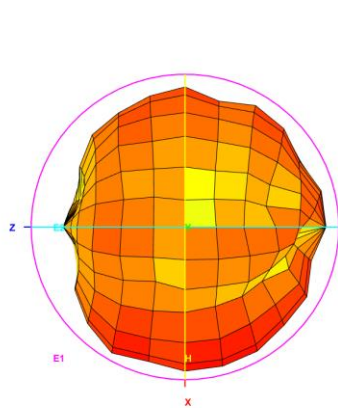
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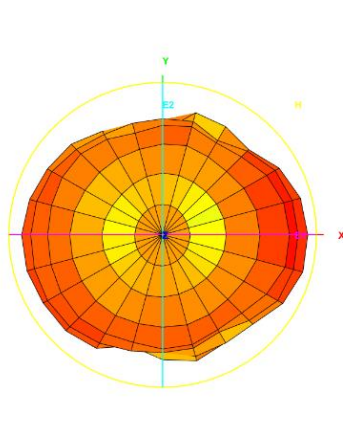
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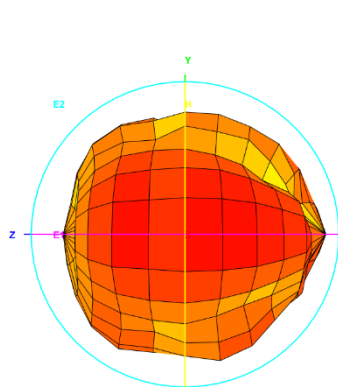
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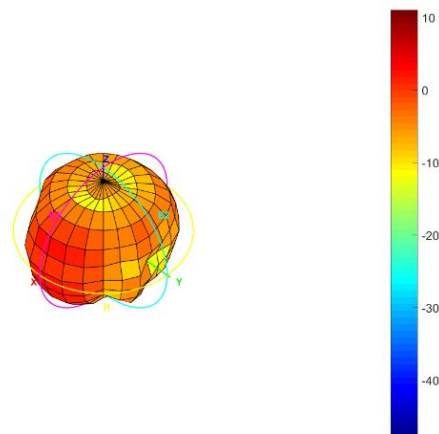
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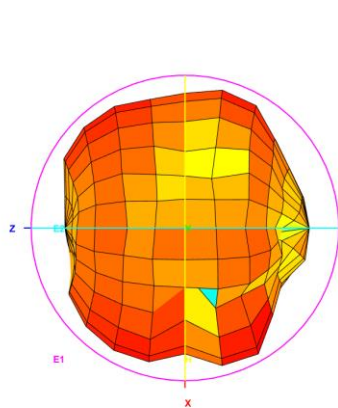
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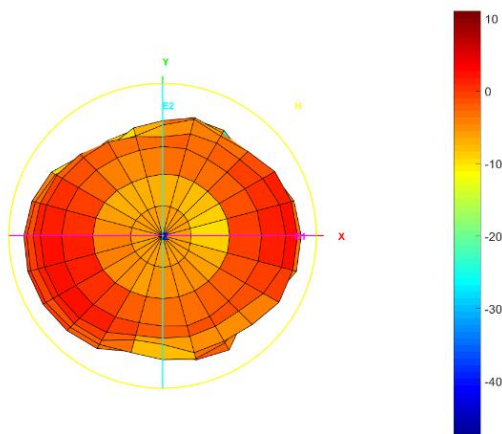
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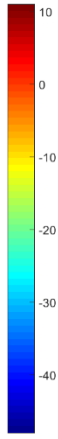
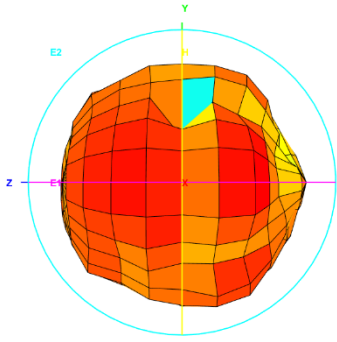
Total\_3D\_Top View\_2.4GHz



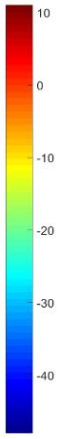
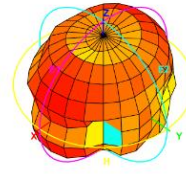
Total\_3D\_Front View\_2.4GHz



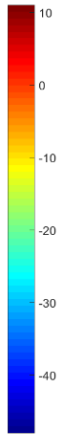
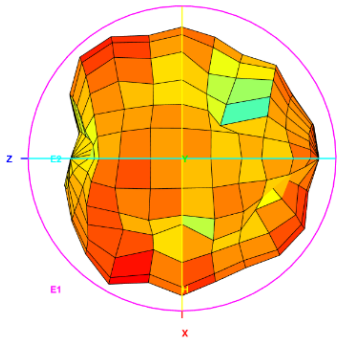
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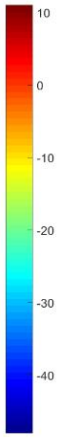
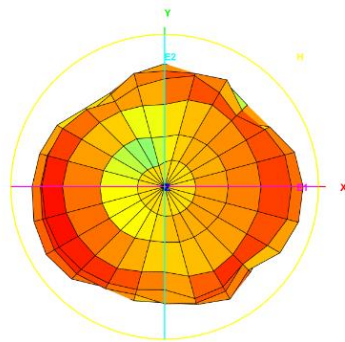
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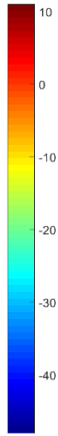
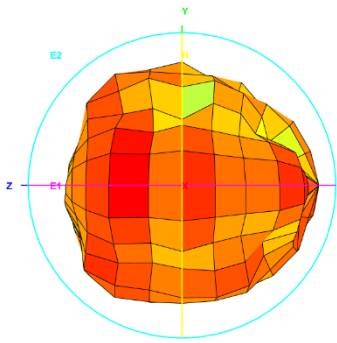
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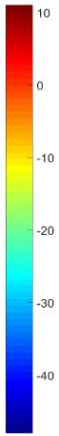
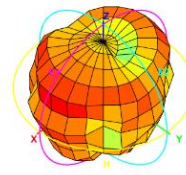
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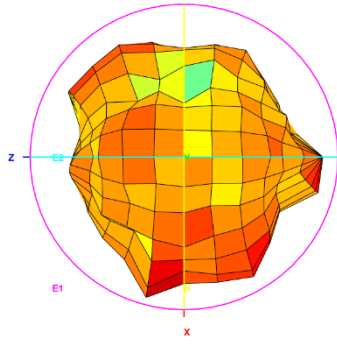
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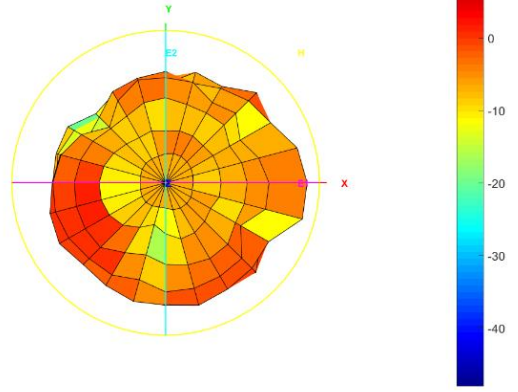
Total\_3D\_Side View 1\_2.7GHz



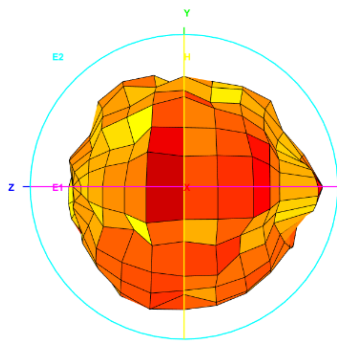
Total\_3D\_Top View\_3.4GHz



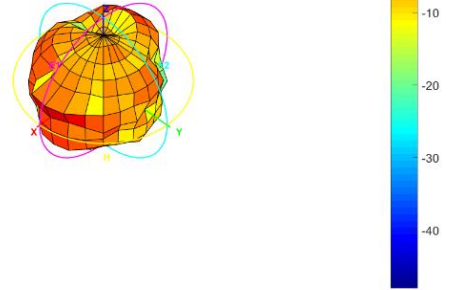
Total\_3D\_Front View\_3.4GHz



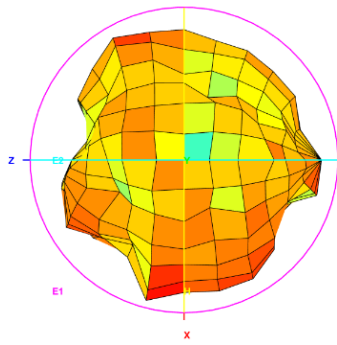
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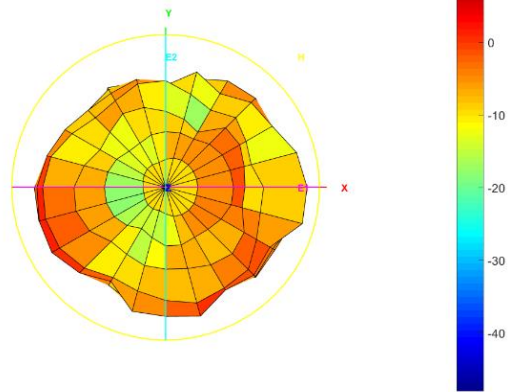
Total\_3D\_Side View 1\_3.4GHz



Total\_3D\_Top View\_3.6GHz

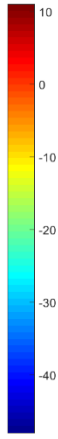
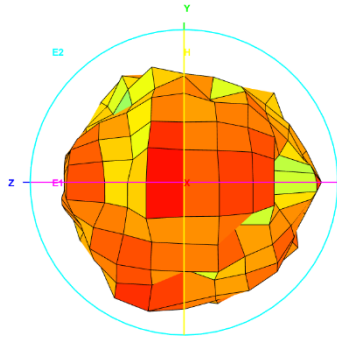


Total\_3D\_Front View\_3.6GHz

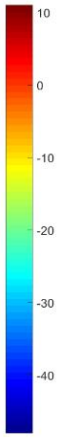
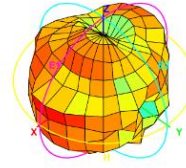




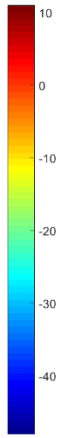
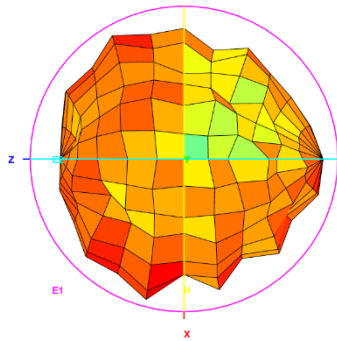
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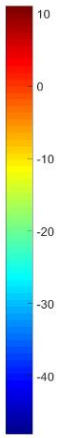
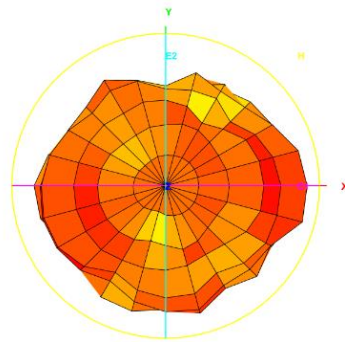
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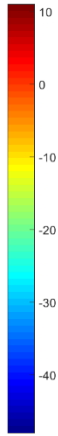
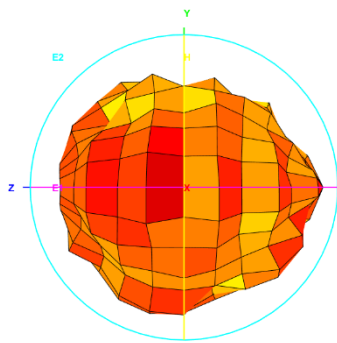
Total\_3D\_Top View\_3.8GHz



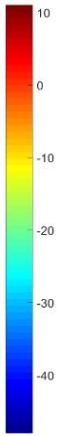
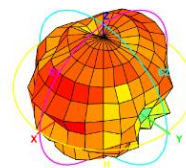
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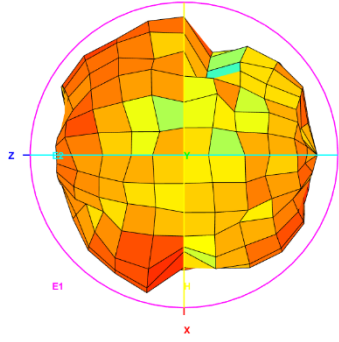
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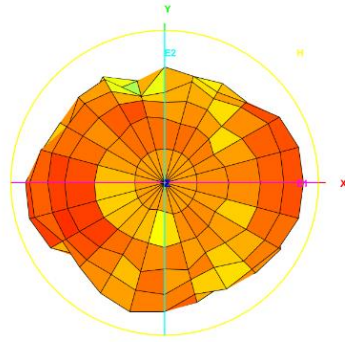
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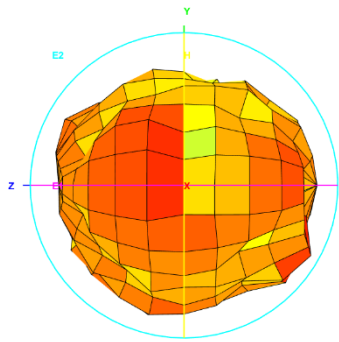
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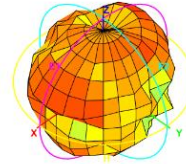
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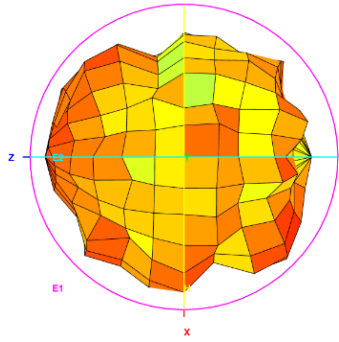
Total\_3D\_Left View\_4.4GHz



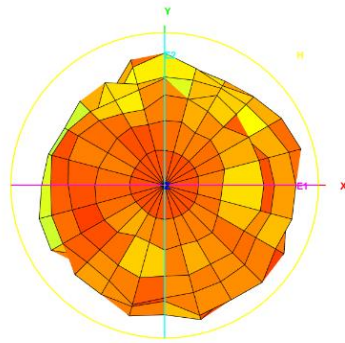
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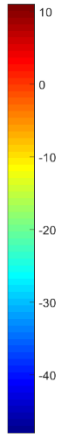
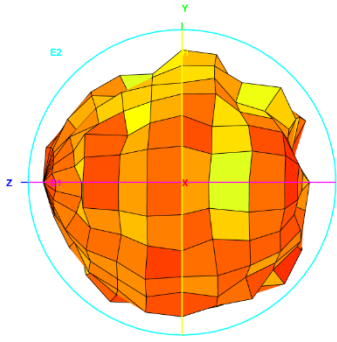
Total\_3D\_Top View\_5.1GHz



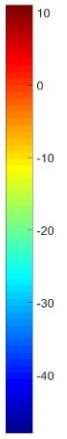
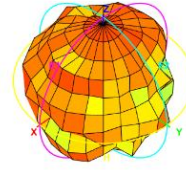
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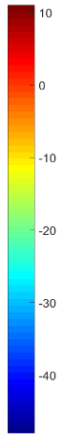
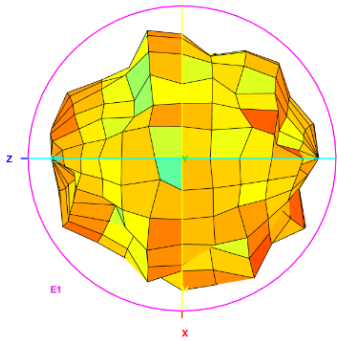
Total\_3D\_Left View\_5.1GHz



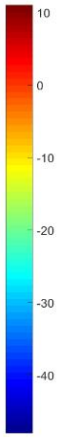
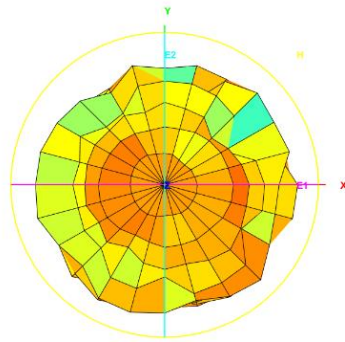
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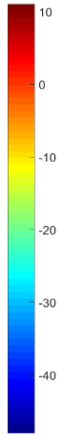
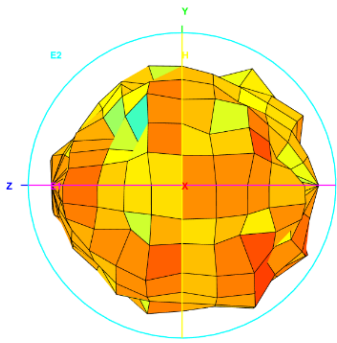
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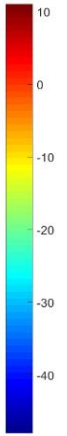
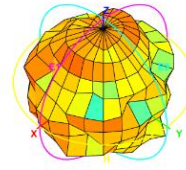
Total\_3D\_Front View\_5.5GHz



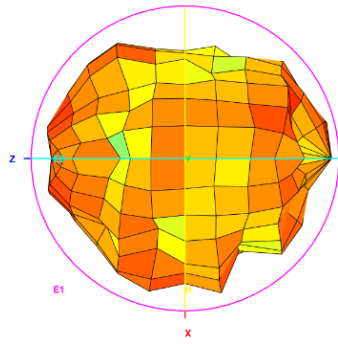
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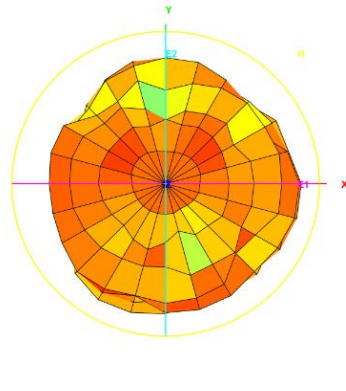
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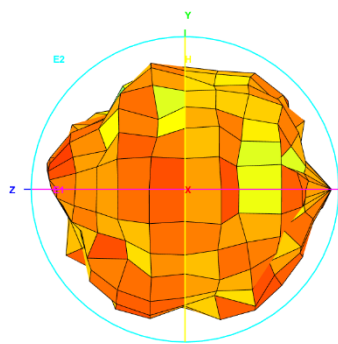
Total\_3D\_Top View\_5.85GHz



Total\_3D\_Front View\_5.85GHz



Total\_3D\_Left View\_5.85GHz



Total\_3D\_Side View 1\_5.85GHz

