

Specification

1. Product Type: Panel Antenna
2. Frequency: 600~6000 MHz
3. VSWR: MIN 1.3:1
4. Bandwidth: $\leq 360\text{MHz}$
5. Connector: N F

✧RoHS Compliant

ROHS

150 9001

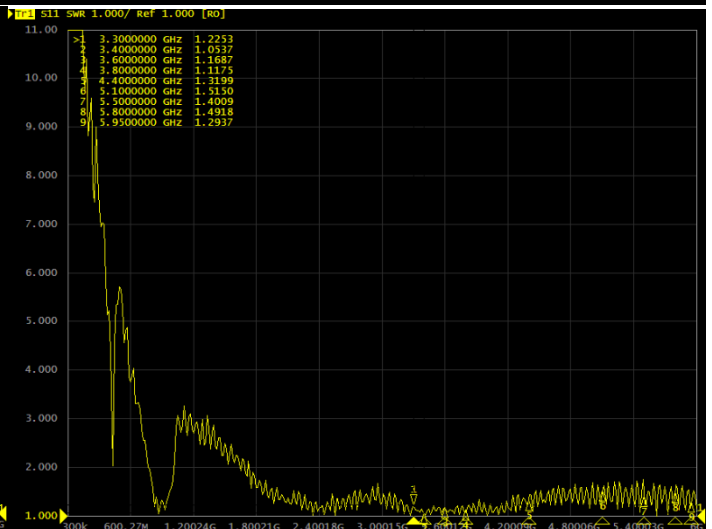
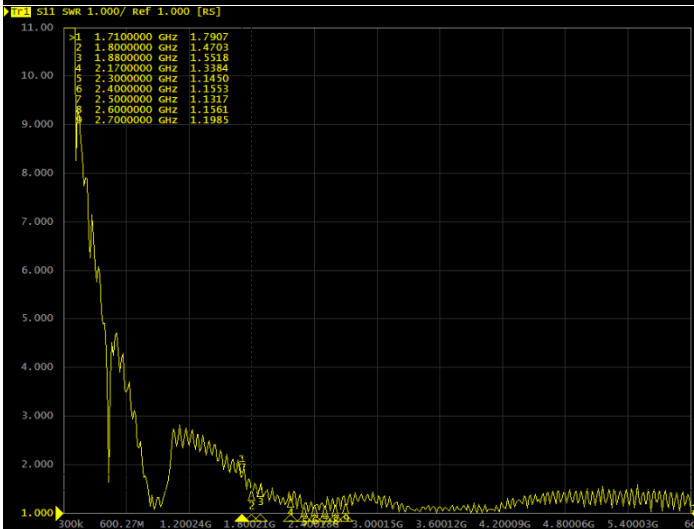
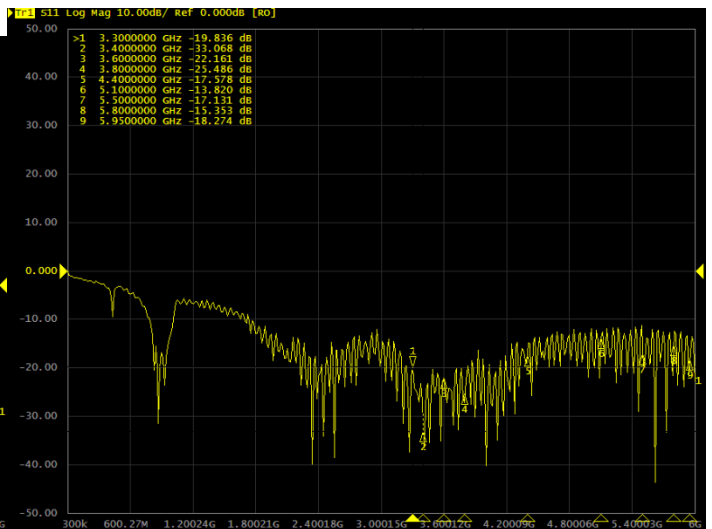
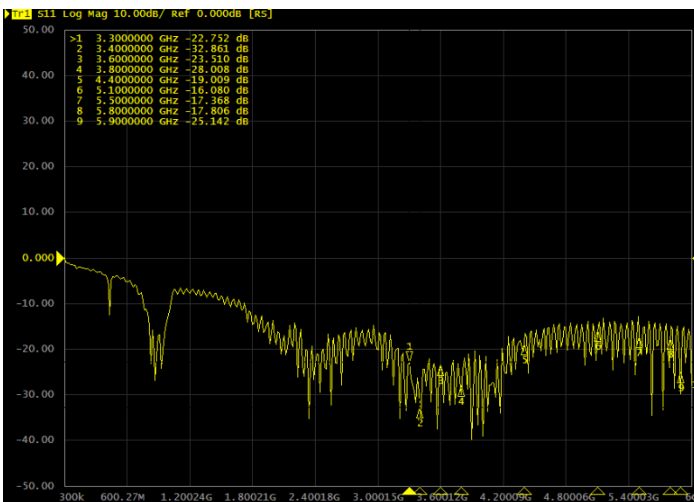
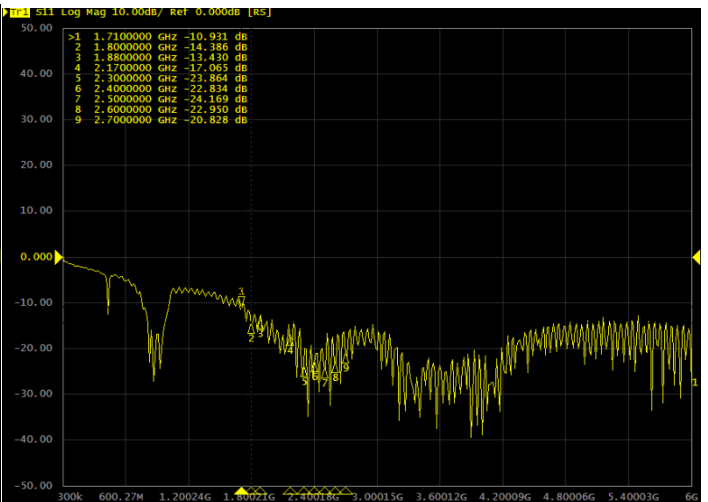
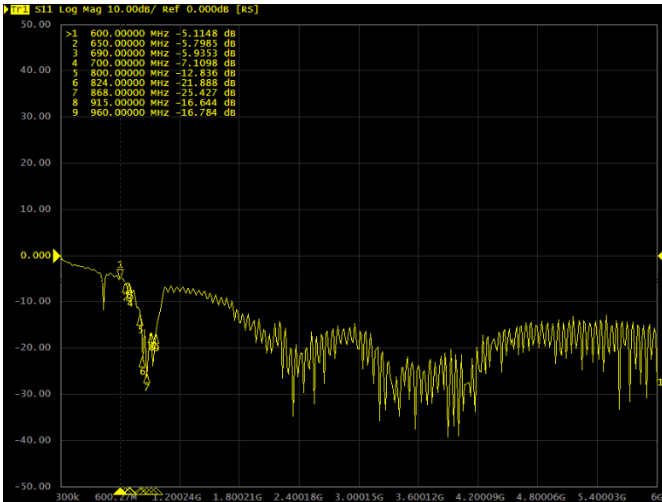
150 14001

Material:		Treatment:					
NO	DESCRIPTION	MATERIAL	FINISH	Q'TY	Unit: mm		TITLE
Part NO					Ver: A	Scale 1:5	Model NO
					File NO: QR0402	Drawing NO	PANEL-002.dft

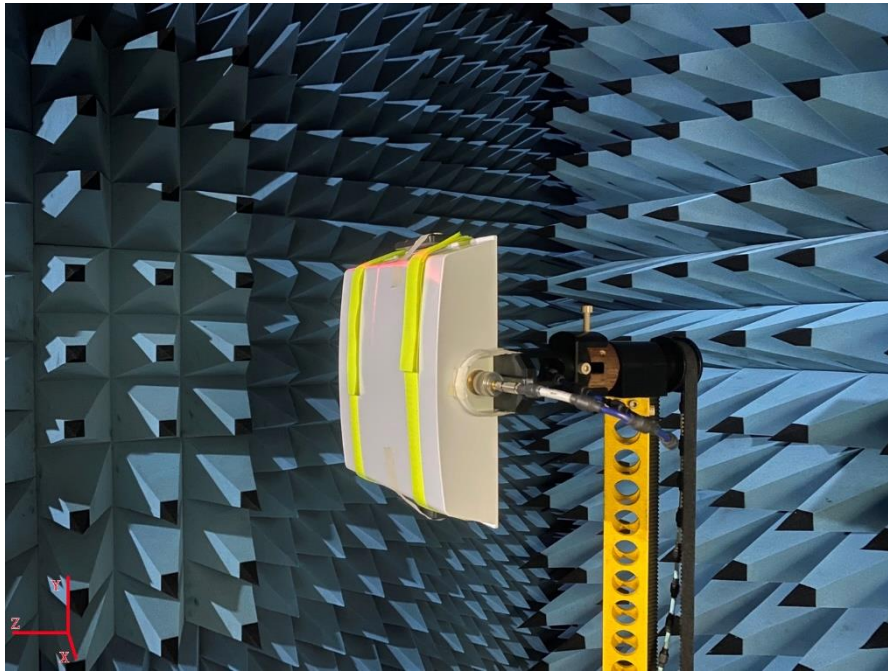
Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dB)
600	-5.11	3.50	37.84	2.82
650	-5.79	3.09	43.55	3.84
690	-5.93	3.02	61.38	5.66
700	-7.10	2.61	52.48	5.23
800	-12.83	1.61	85.11	8.21
824	-21.88	1.17	90.57	8.58
868	-25.42	1.11	93.11	9.09
915	-16.64	1.33	85.51	8.86
960	-16.78	1.34	93.54	9.62
1710	-10.93	1.79	62.66	6.8
1800	-14.38	1.47	86.5	8.32
1880	-13.43	1.55	75.16	8.17
2170	-17.06	1.33	88.1	8.53
2300	-23.86	1.14	70.31	6.91
2400	-22.83	1.15	78.16	6.97
2500	-24.16	1.13	89.33	8.64
2600	-22.95	1.15	76.74	9.28
2700	-20.82	1.19	83.18	10.02
3300	-19.83	1.22	98.63	9.47
3400	-33.06	1.05	94.41	8.97
3600	-22.16	1.16	91.62	8.77
3800	-25.48	1.11	91.83	9.52
4400	-17.57	1.31	55.46	8.97
5100	-13.82	1.51	65.77	9.38

5500	-17.13	1.40	51.88	7.41
5800	-15.35	1.49	55.59	5.18
5950	-18.27	1.29	68.87	5.85

Test Data (Return Loss & VSWR)

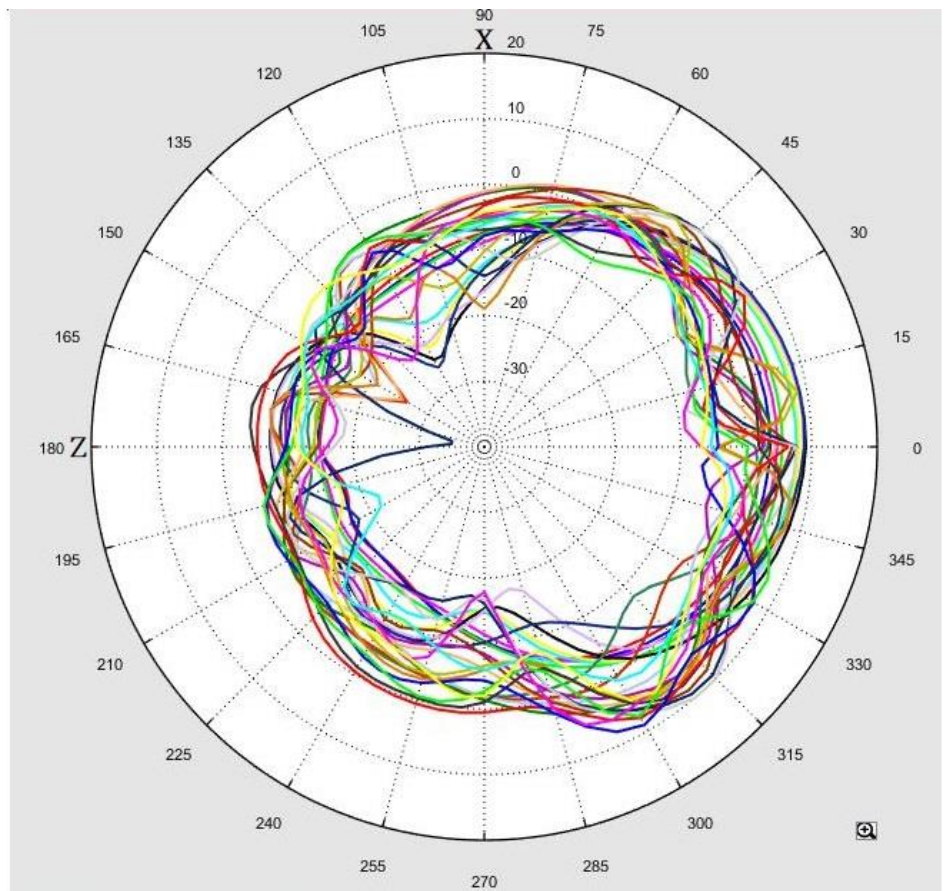


3D Test Photo

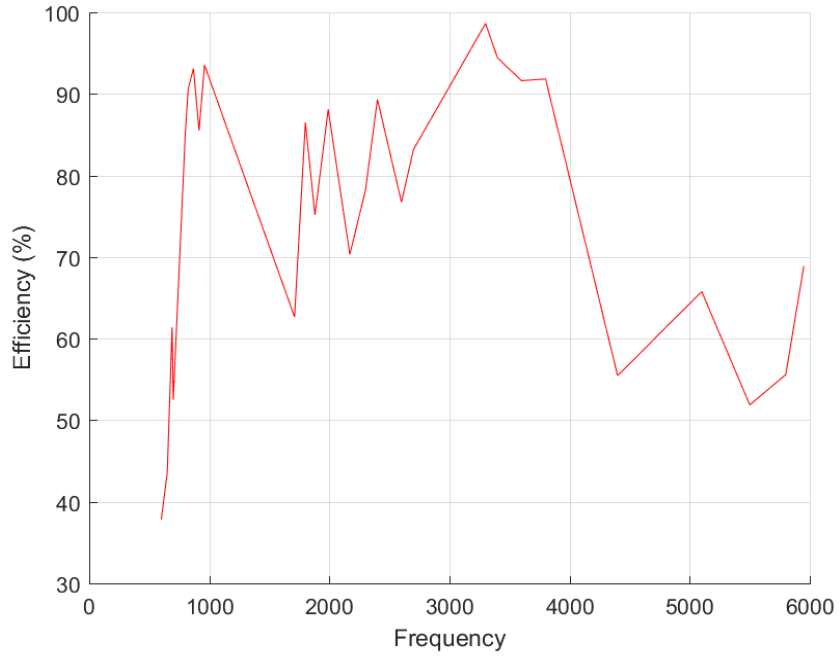


3D Test Data

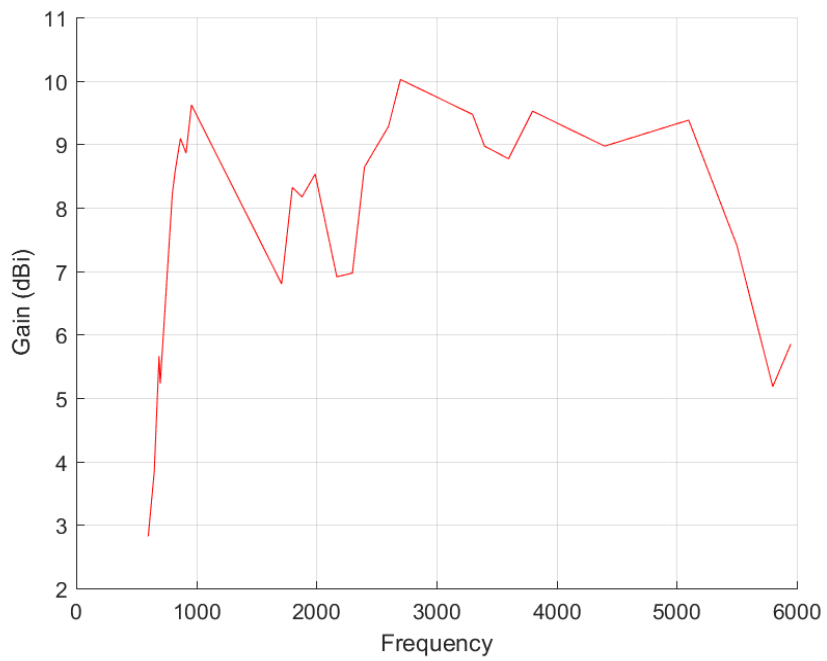
Freq. / Chan.	Color
600MHz	Red
650MHz	Blue
690MHz	Green
700MHz	Magenta
800MHz	Cyan
824MHz	Yellow
868MHz	Black
915MHz	Purple
960MHz	Dark Blue
1.71GHz	Teal
1.8GHz	Orange
1.88GHz	Light Blue
1.99GHz	Dark Green
2.17GHz	Pink
2.3GHz	Light Orange
2.4GHz	Brown
2.6GHz	Dark Blue
2.7GHz	Grey
3.3GHz	Olive Green
3.4GHz	Brown
3.6GHz	Black
3.8GHz	Red
4.4GHz	Blue
5.1GHz	Green
5.5GHz	Magenta
5.8GHz	Cyan
5.95GHz	Yellow



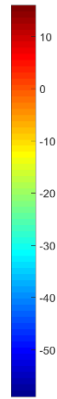
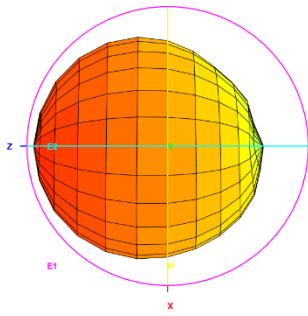
Total_Efficiency (%)



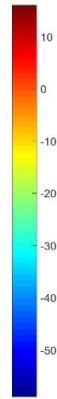
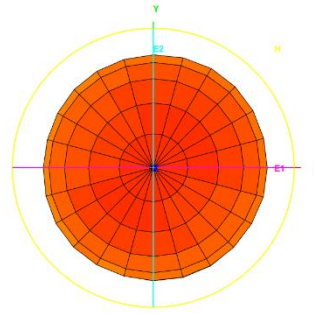
Total_Gain (dBi)



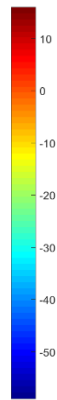
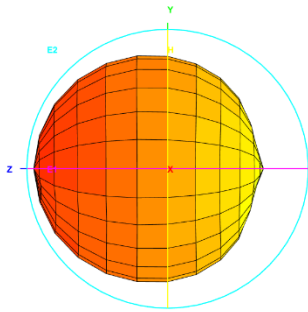
Total_3D_Top View_600MHz



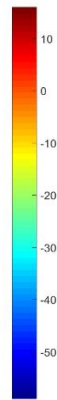
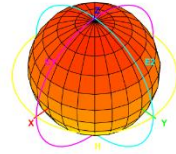
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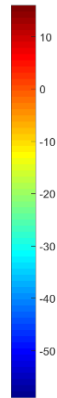
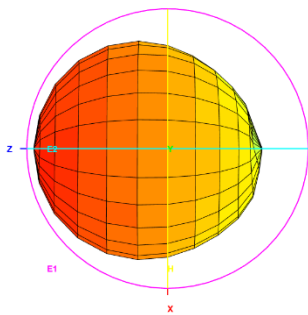
Total_3D_Left View_600MHz



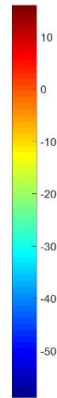
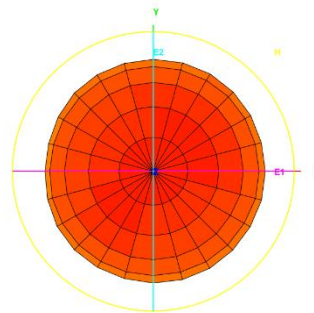
Total_3D_Side View 1_600MHz



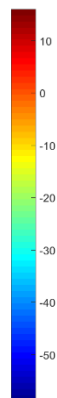
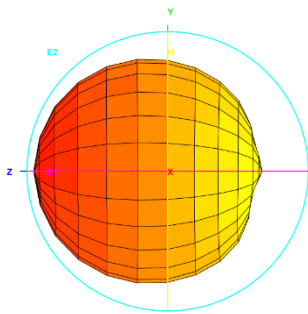
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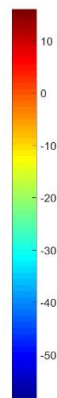
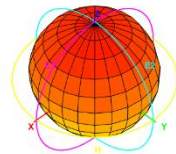
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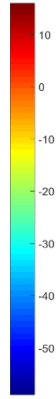
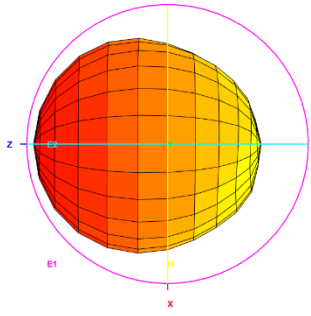
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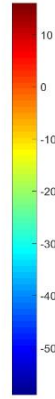
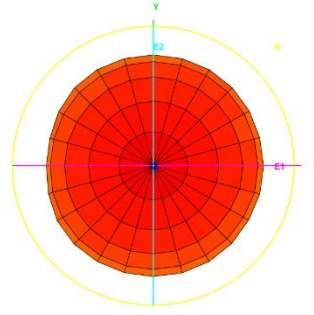
Total_3D_Side View 1_650MHz



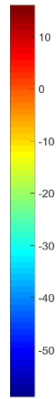
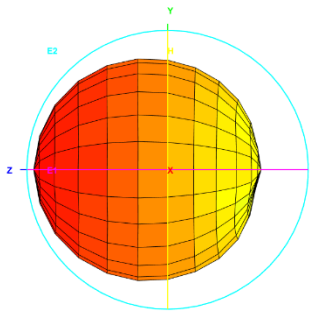
Total_3D_Top View_690MHz



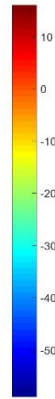
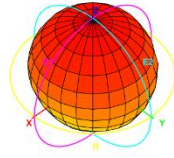
Total_3D_Front View_690MHz



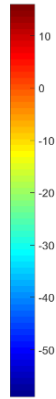
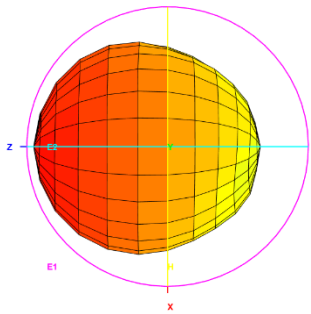
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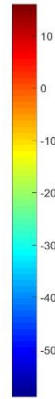
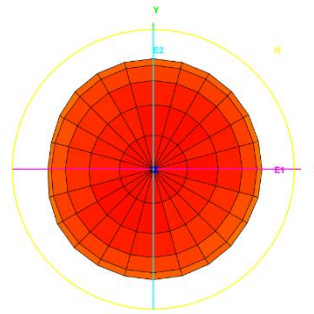
Total_3D_Side View 1_690MHz



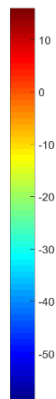
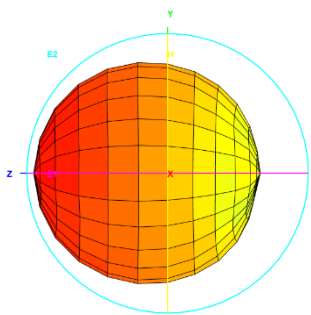
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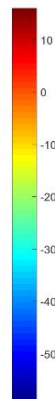
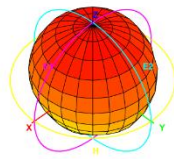
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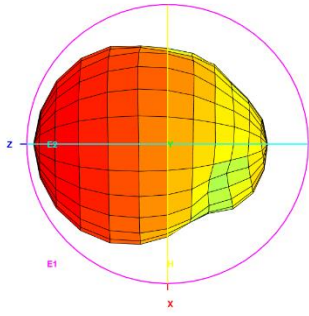
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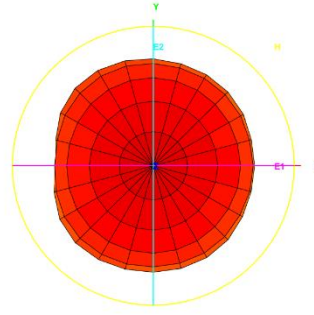
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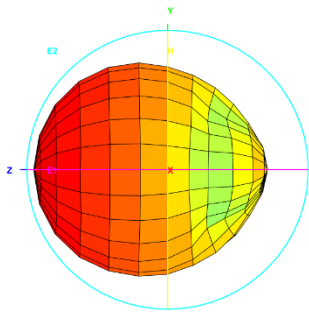
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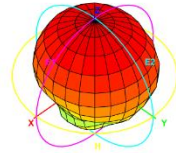
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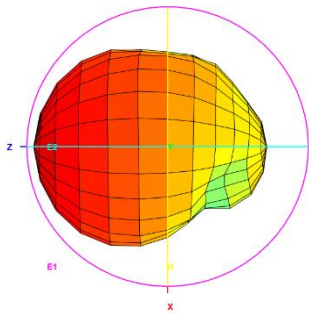
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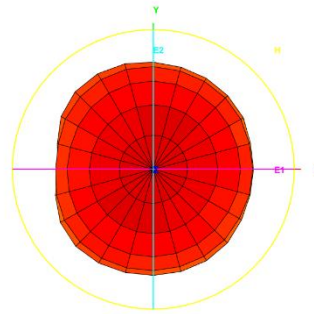
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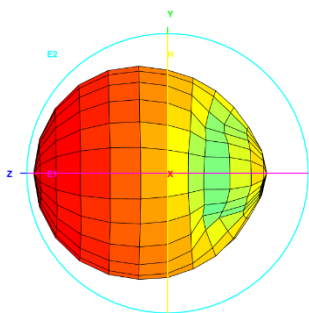
Total_3D_Top View_824MHz



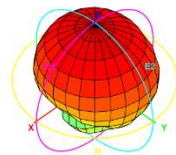
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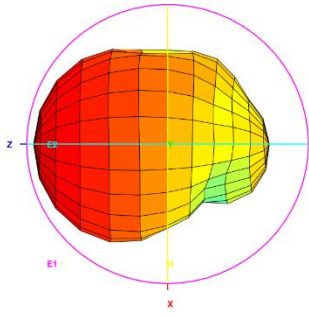
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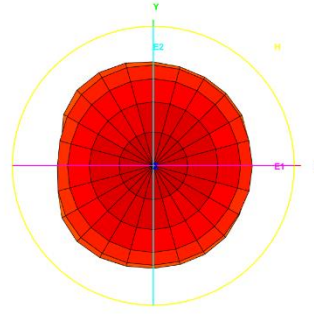
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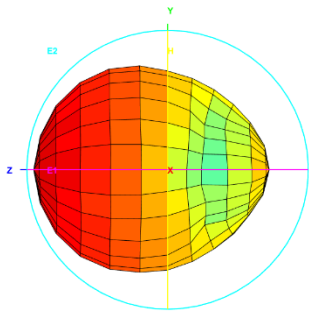
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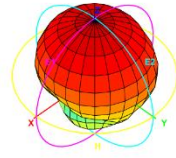
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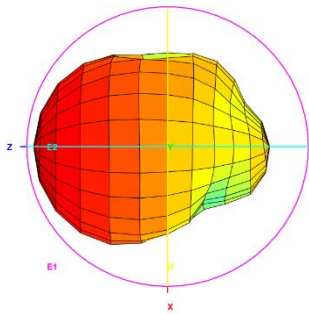
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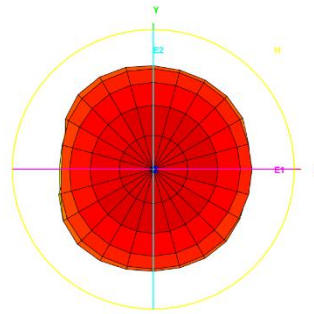
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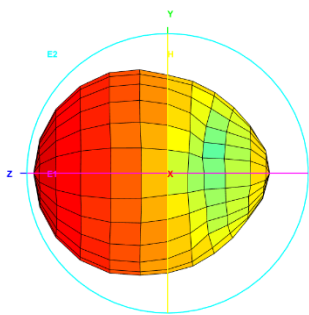
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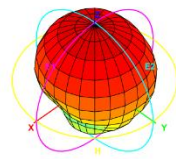
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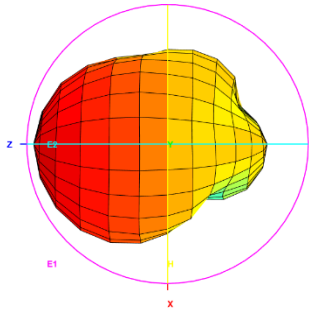
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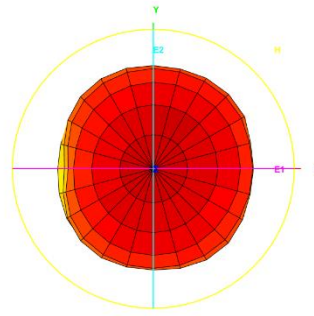
Total_3D_Side View 1_915MHz



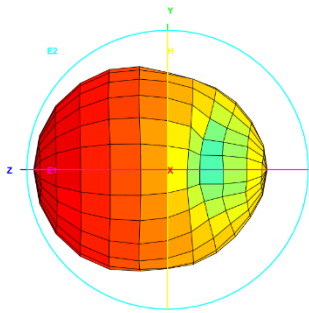
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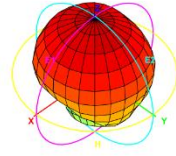
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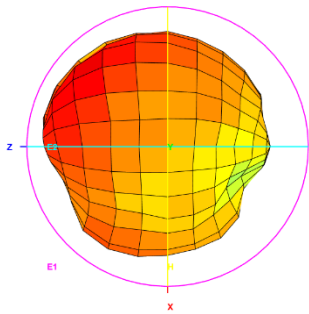
Total_3D_Left View_960MHz



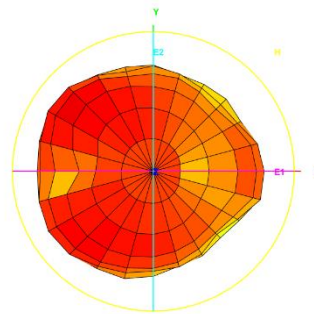
Total_3D_Side View_1_960MHz



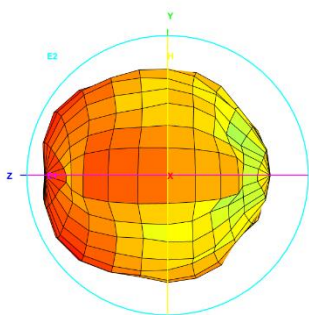
Total_3D_Top View_1.71GHz



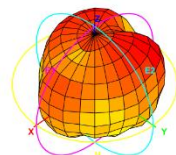
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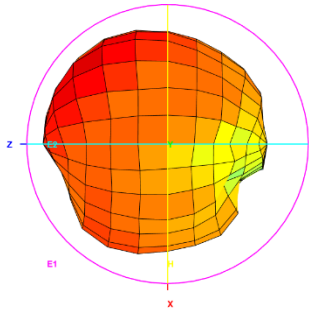
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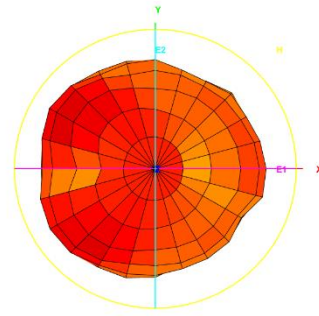
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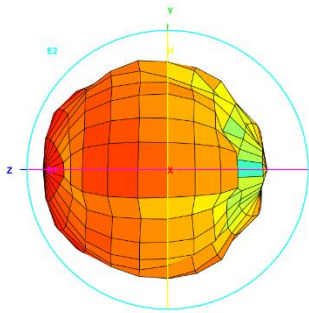
Total_3D_Top View_1.8GHz



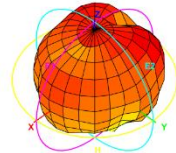
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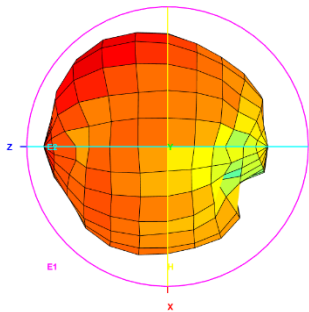
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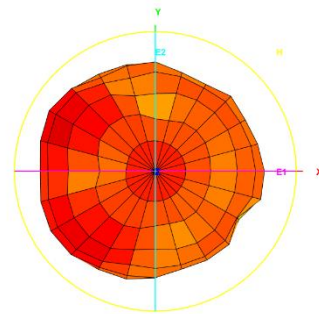
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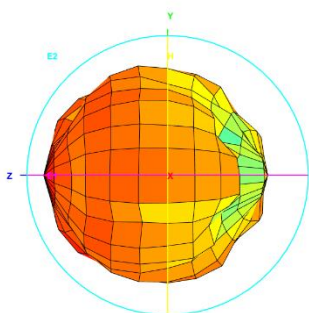
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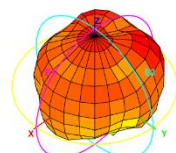
Total_3D_Front View_1.88GHz



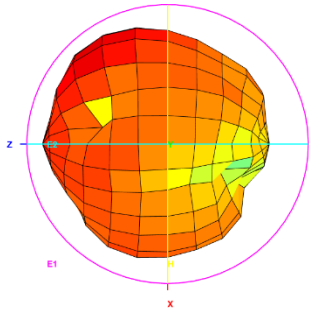
Total_3D_Left View_1.88GHz



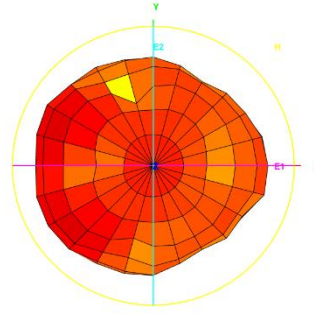
Total_3D_Side View_1.88GHz



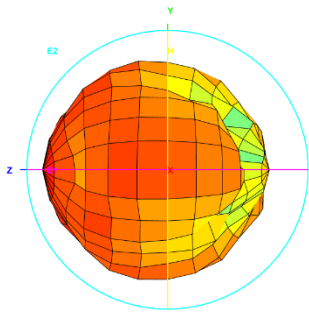
Total_3D_Top View_1.99GHz



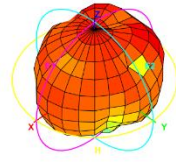
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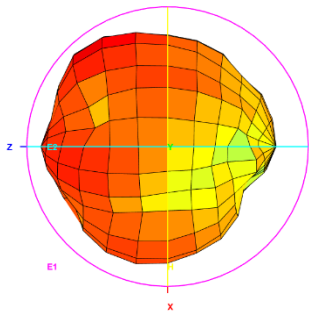
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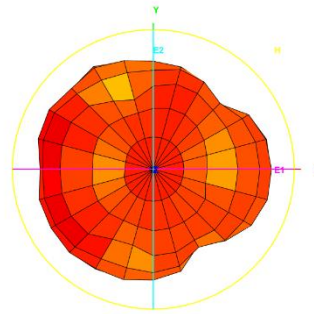
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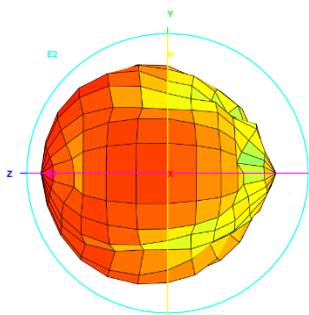
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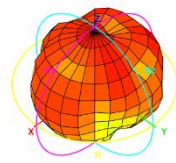
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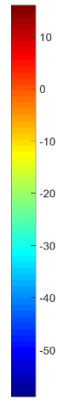
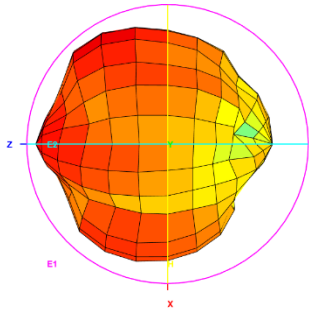
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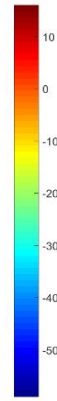
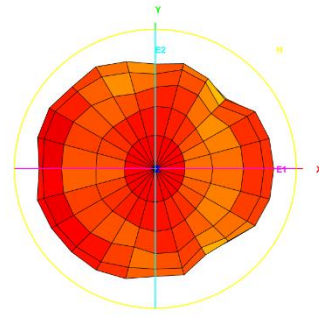
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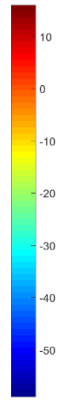
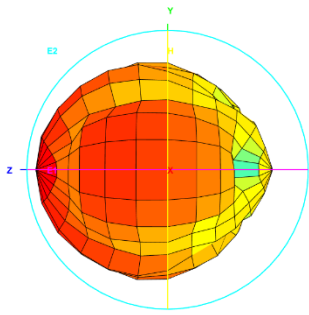
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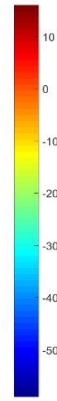
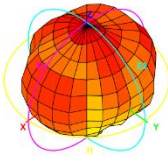
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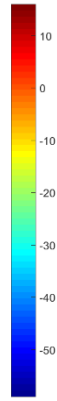
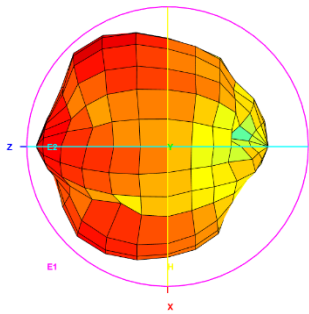
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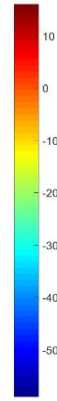
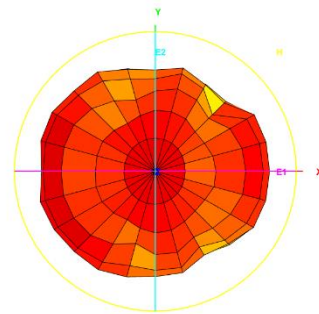
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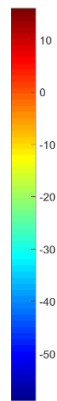
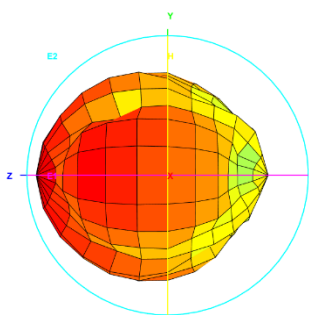
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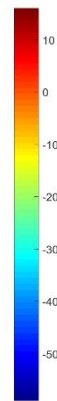
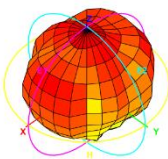
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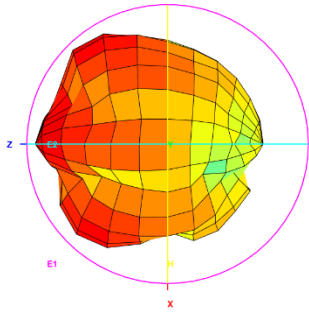
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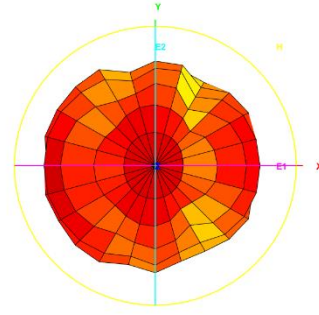
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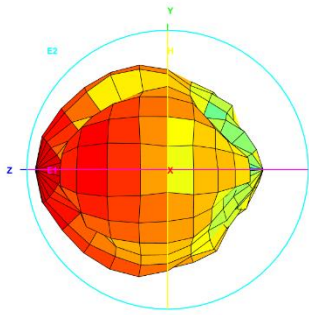
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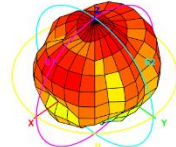
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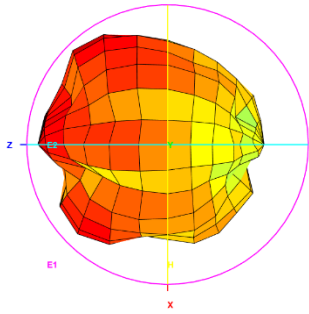
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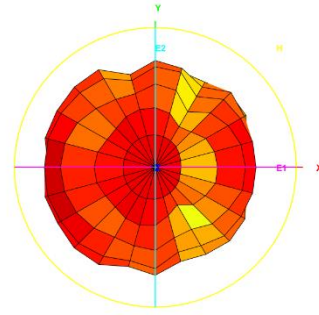
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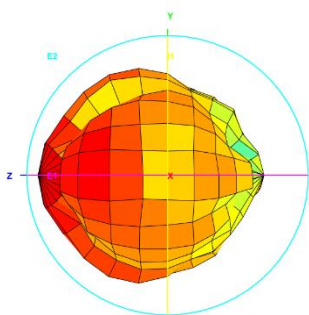
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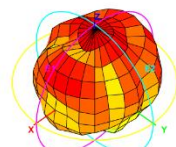
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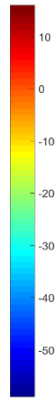
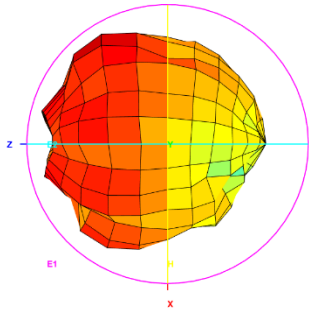
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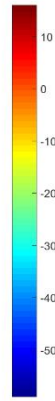
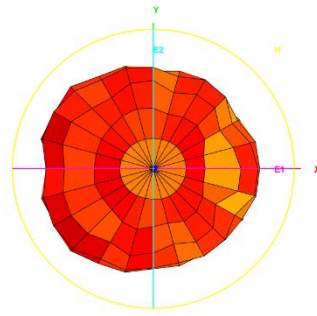
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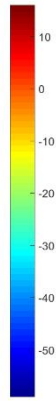
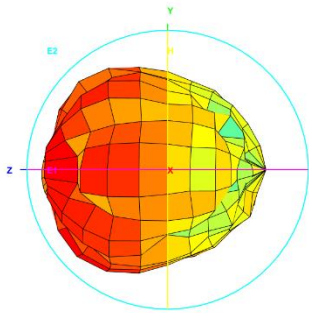
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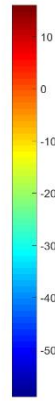
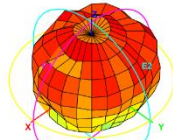
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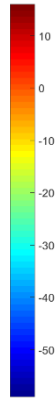
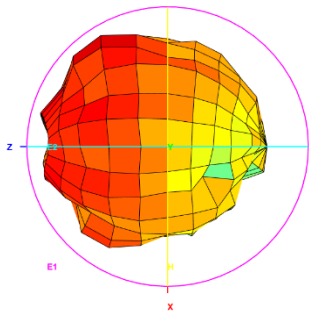
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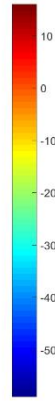
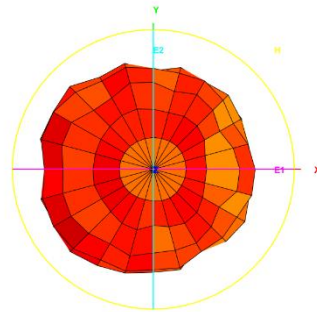
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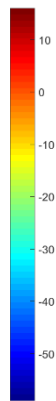
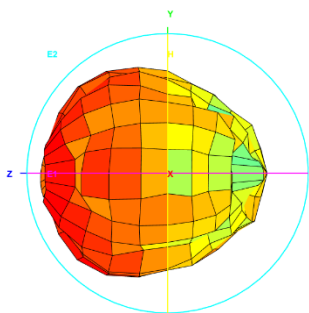
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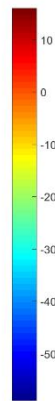
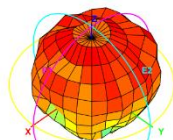
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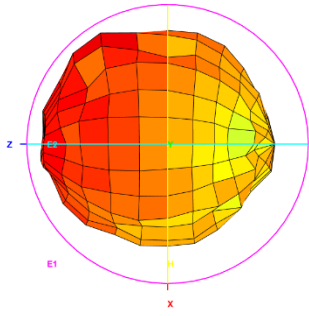
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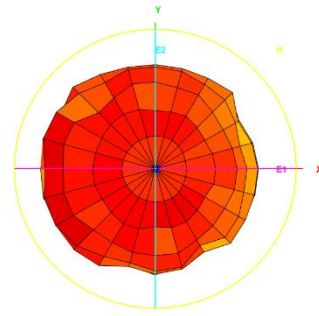
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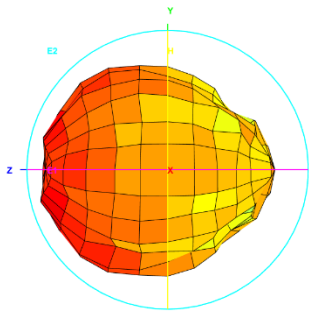
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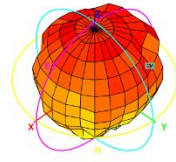
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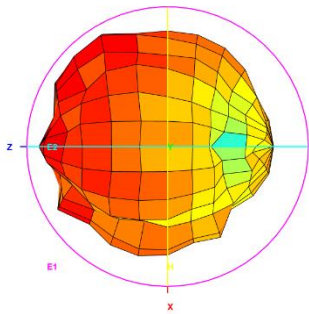
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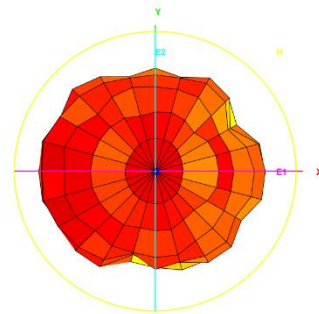
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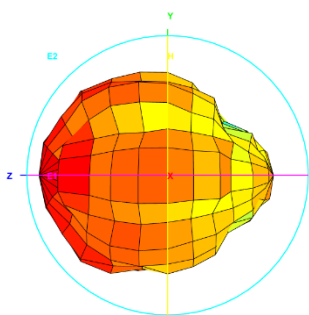
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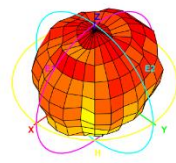
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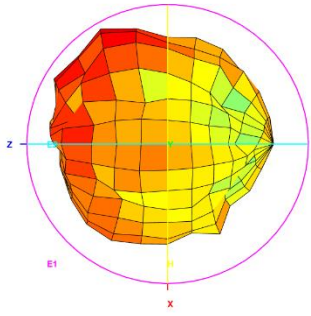
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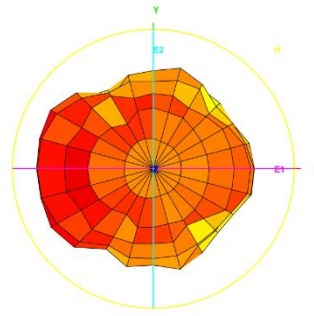
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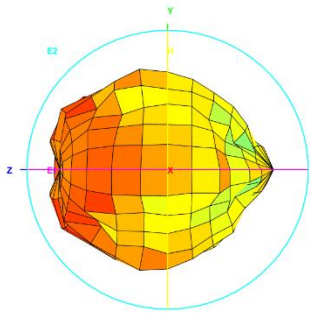
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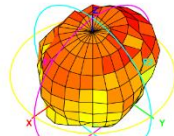
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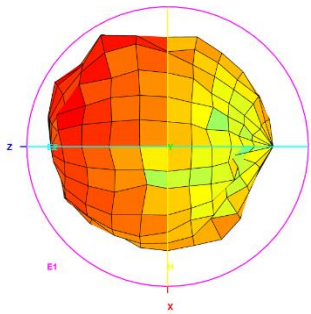
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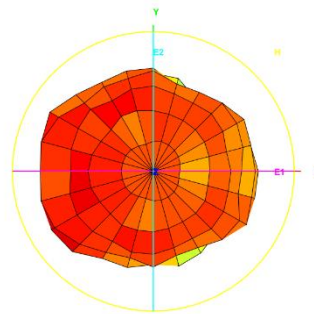
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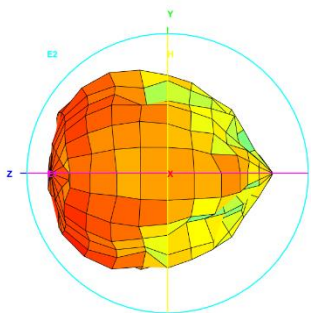
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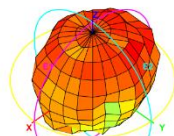
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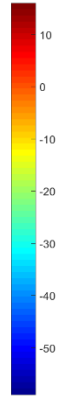
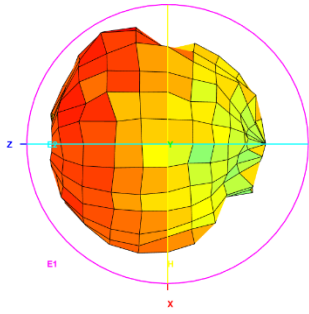
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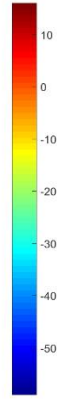
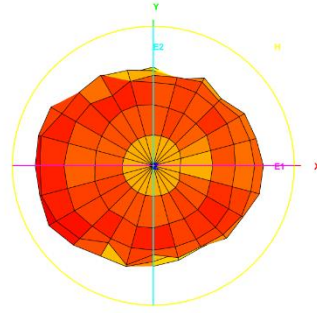
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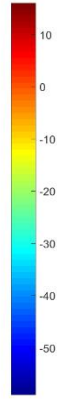
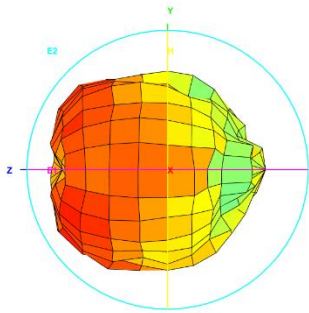
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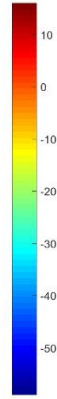
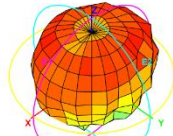
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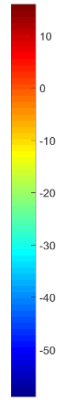
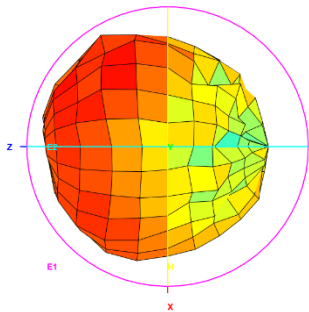
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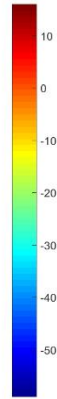
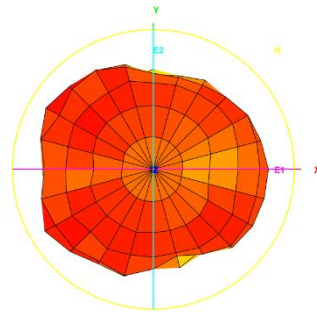
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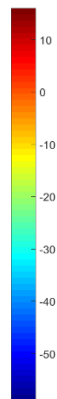
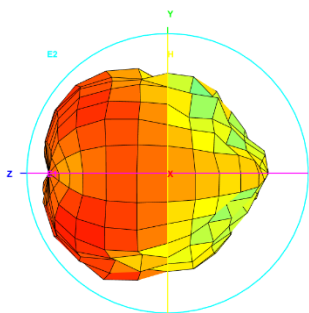
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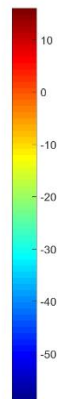
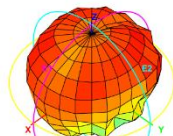
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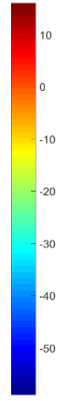
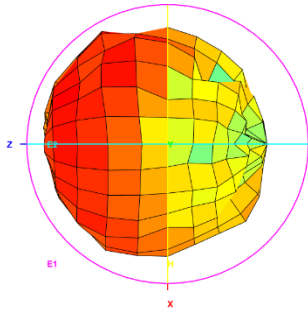
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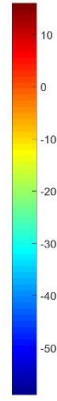
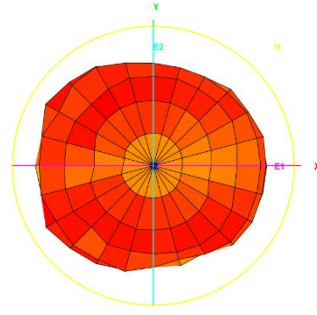
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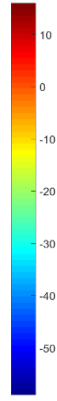
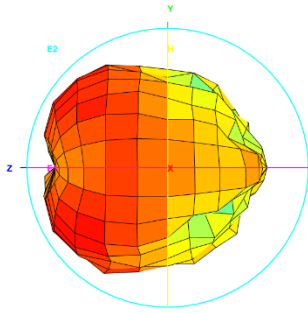
Total_3D_Top View_5.95GHz



Total_3D_Front View_5.95GHz



Total_3D_Left View_5.95GHz



Total_3D_Side View 1_5.95GHz

