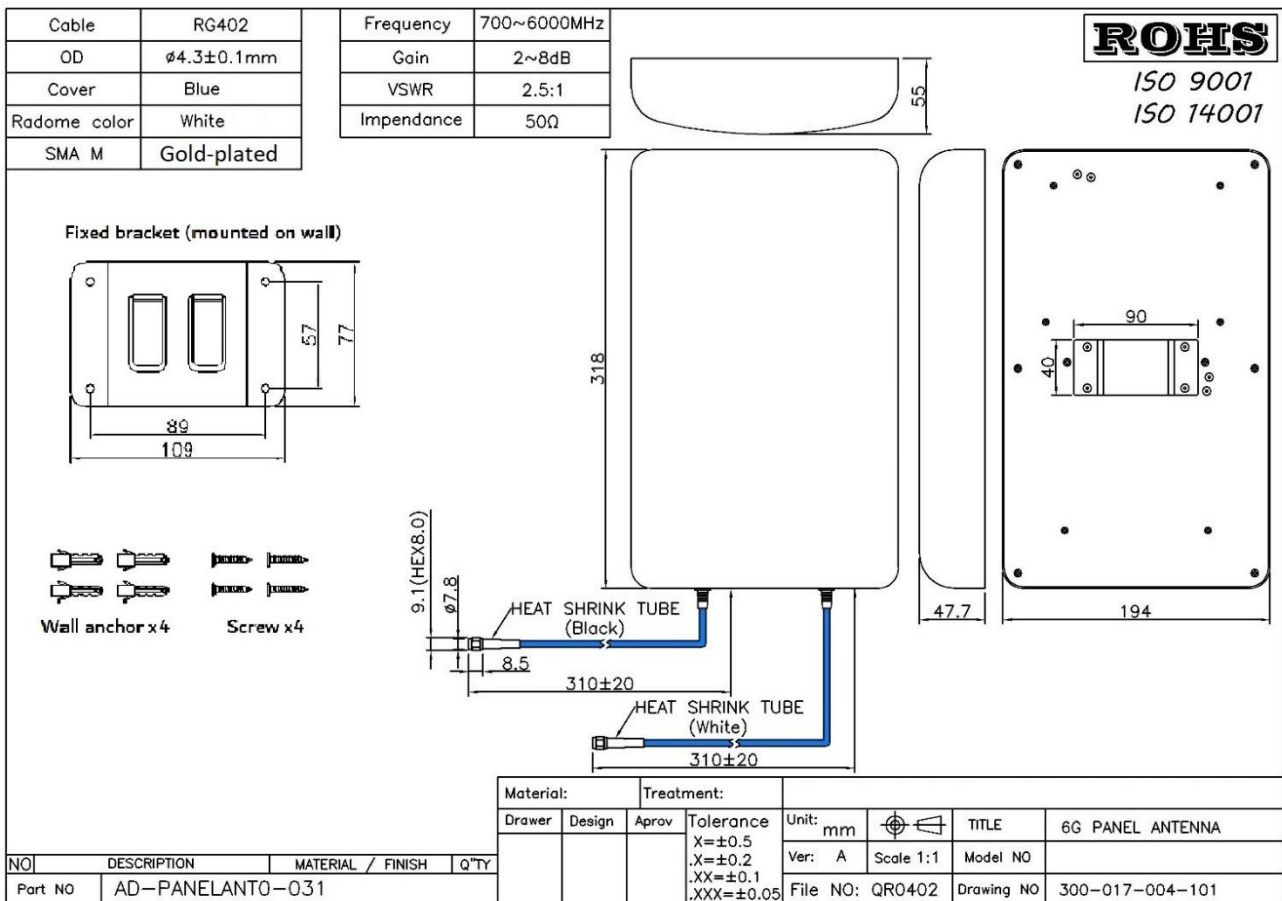


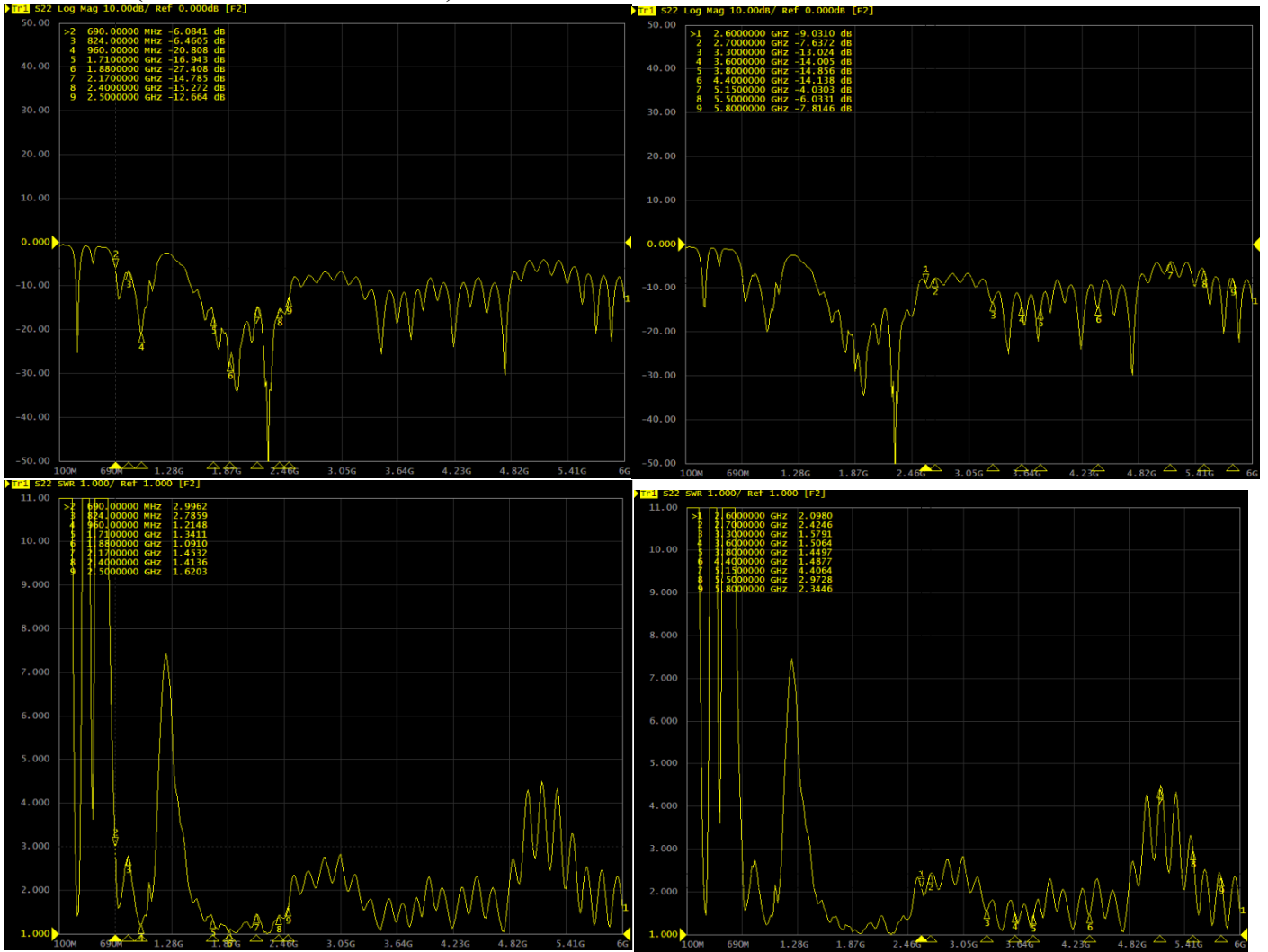
# Specification

1. Product Type: 6G Antenna
  2. Frequency: 690~6000 MHz
  3. VSWR: 2.0:1
  4. Connector: SMA M
  5. Gain: 3~9dBi
- ✳️RoHS Compliant

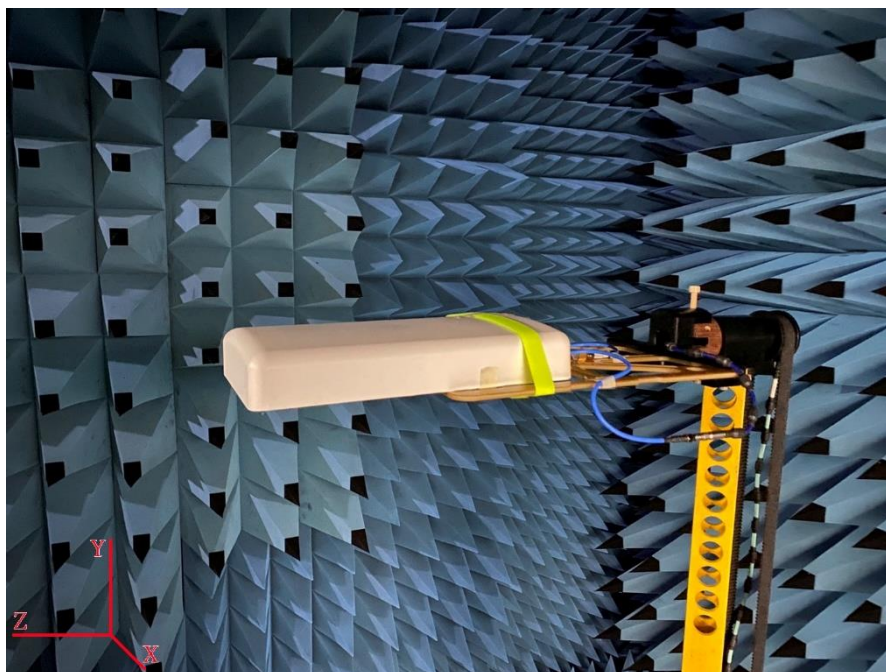


Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dB)
690	-6.08	2.99	63.1	5.06
824	-6.46	2.78	58.75	3.08
960	-20.80	1.21	91.2	6.95
1710	-16.94	1.34	66.37	7.19
1880	-27.40	1.09	72.61	7.79
2170	-14.78	1.45	64.86	8.29
2400	-15.27	1.41	83.75	9
2500	-12.66	1.62	76.74	6.84
2600	-9.03	2.09	51.52	4.2
2700	-7.63	2.42	63.1	4.41
3300	-13.02	1.57	69.66	6
3600	-14.00	1.50	63.24	5.63
3800	-14.85	1.44	66.83	4.72
4400	-14.13	1.48	52.24	5.29
5150	-4.03	4.40	26.42	3.77
5500	-6.03	2.97	37.07	3.75
5800	-7.81	2.34	51.52	5.73

# Test Data(Return Loss & VSWR) H PORT

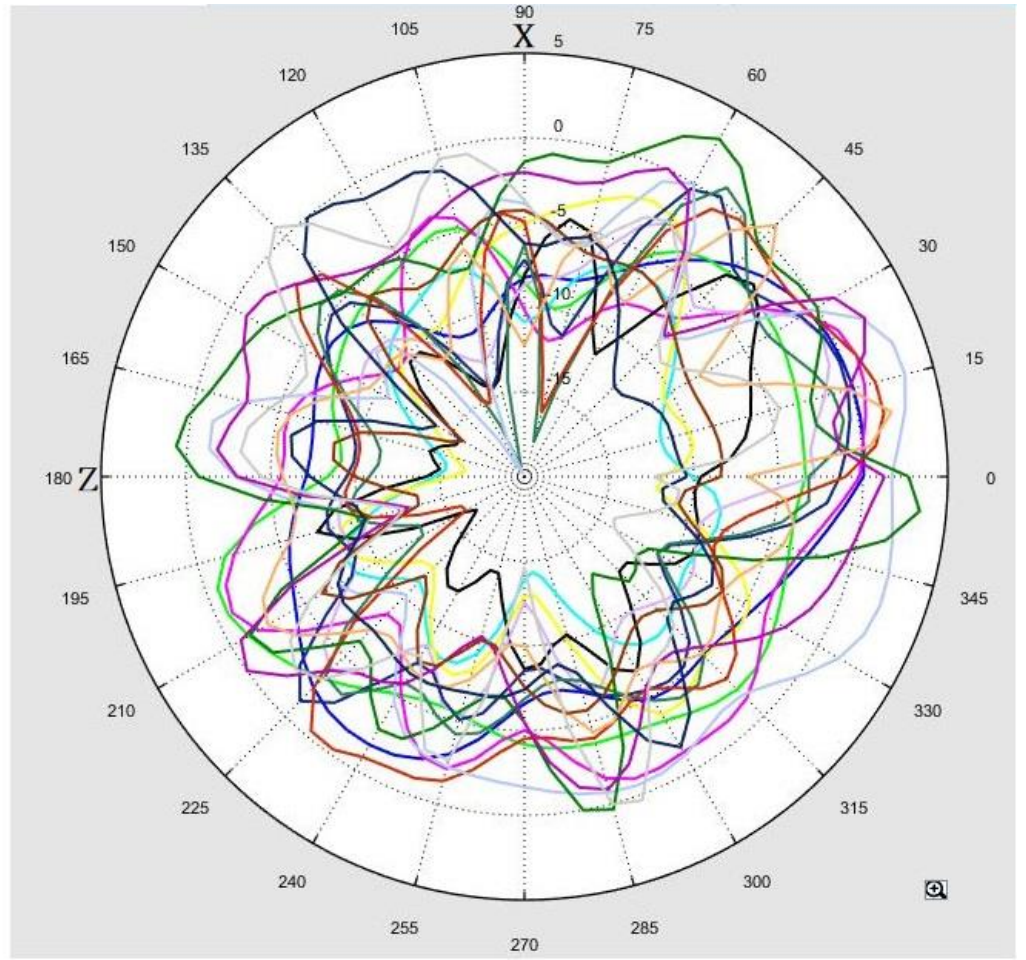


## 3D Test Photo

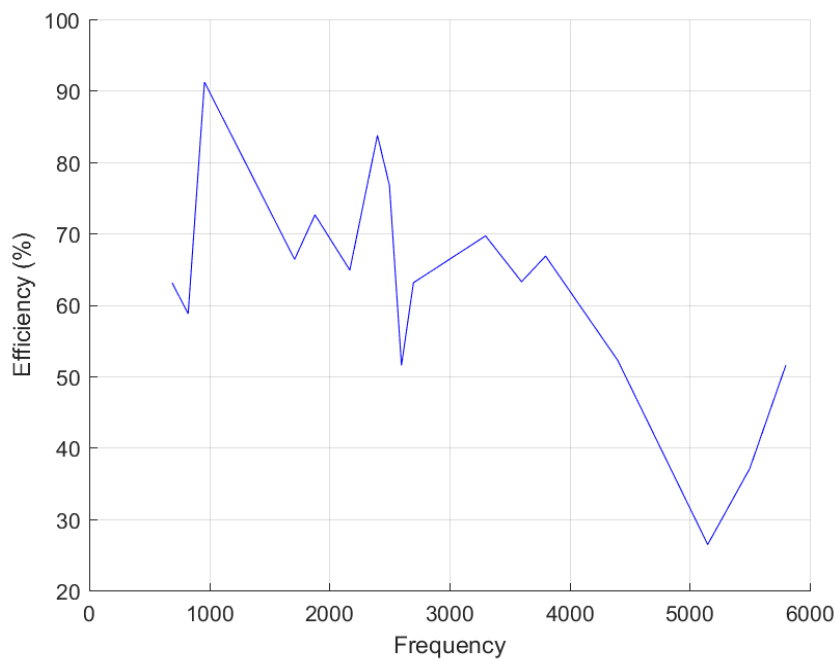


# 3D Test Data

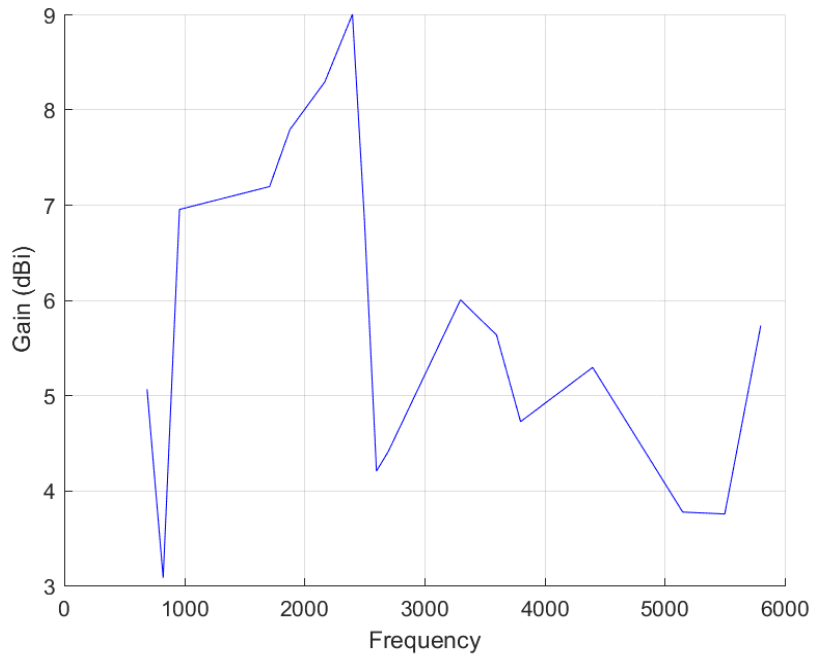
Freq. / Chan.	Color
600MHz	Red
690MHz	Blue
824MHz	Green
960MHz	Magenta
1.71GHz	Cyan
1.88GHz	Yellow
2.17GHz	Black
2.4GHz	Purple
2.5GHz	Dark Blue
2.6GHz	Dark Green
2.7GHz	Orange
3.3GHz	Light Blue
3.6GHz	Dark Green
3.8GHz	Magenta
4.4GHz	Orange
5.15GHz	Brown
5.5GHz	Dark Blue
5.8GHz	Grey



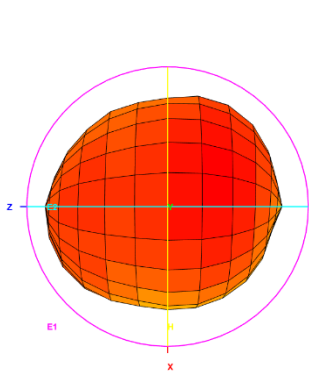
Total\_Efficiency (%)



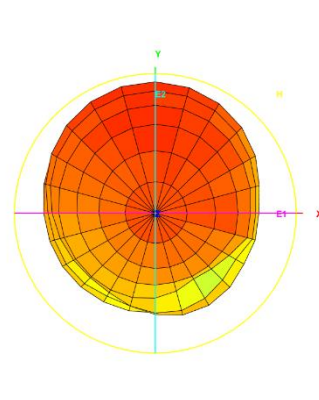
# Total\_Gain (dBi)



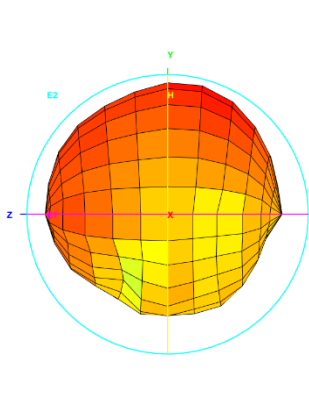
Total\_3D\_Top View\_690MHz



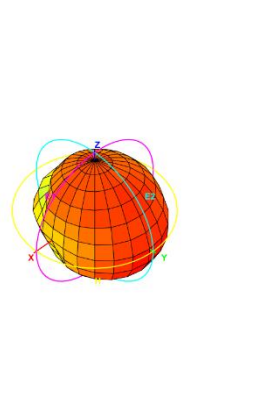
Total\_3D\_Front View\_690MHz



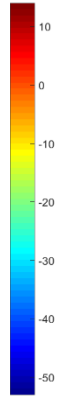
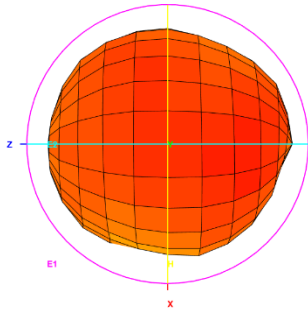
Total\_3D\_Left View\_690MHz



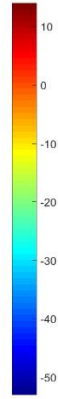
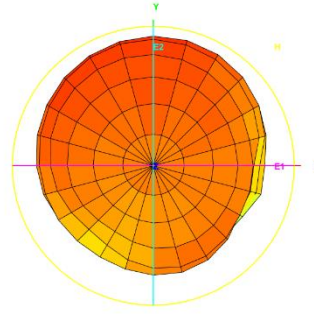
Total\_3D\_Side View 1\_690MHz



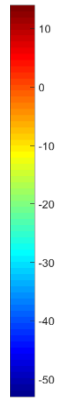
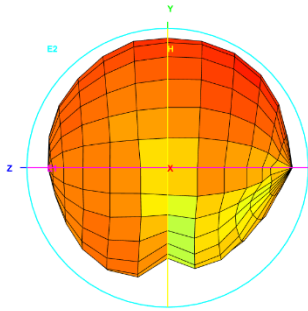
Total\_3D\_Top View\_824MHz



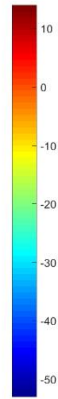
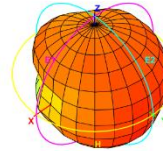
Total\_3D\_Front View\_824MHz



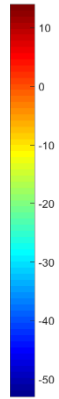
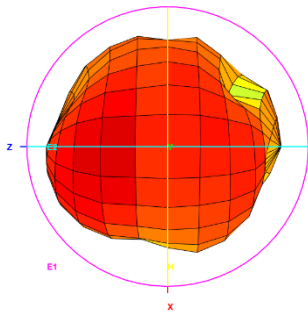
Total\_3D\_Left View\_824MHz



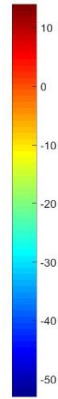
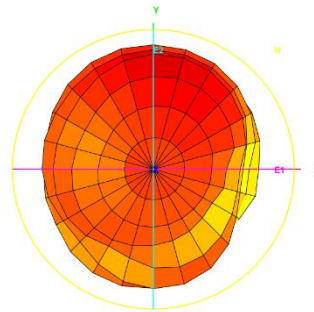
Total\_3D\_Side View 1\_824MHz



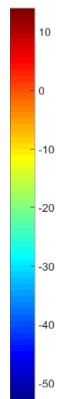
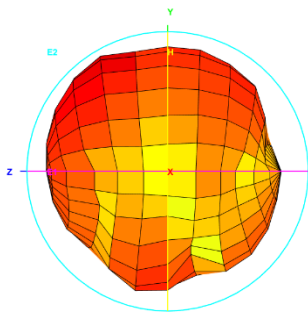
Total\_3D\_Top View\_960MHz



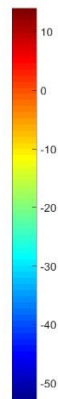
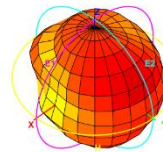
Total\_3D\_Front View\_960MHz



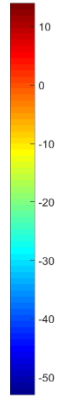
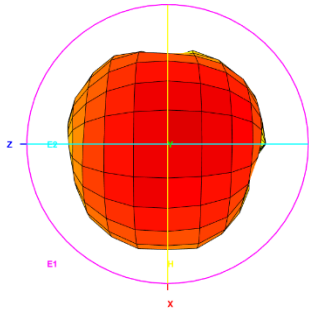
Total\_3D\_Left View\_960MHz



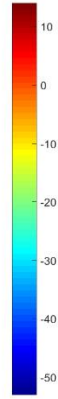
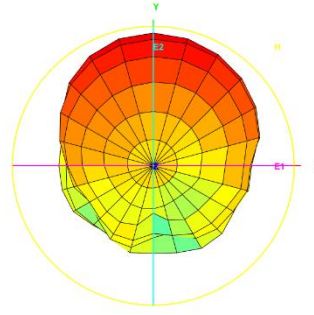
Total\_3D\_Side View 1\_960MHz



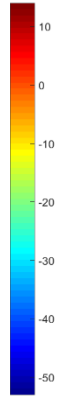
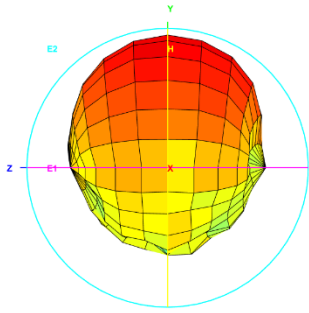
Total\_3D\_Top View\_1.71GHz



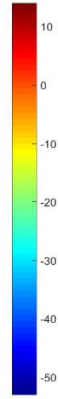
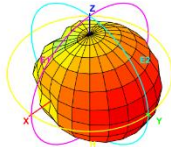
Total\_3D\_Front View\_1.71GHz



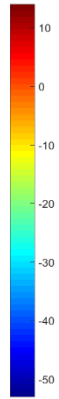
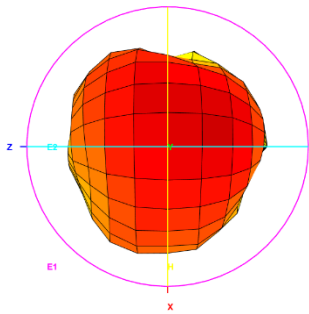
Total\_3D\_Left View\_1.71GHz



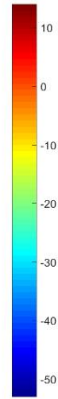
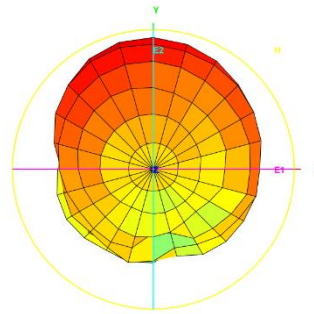
Total\_3D\_Side View\_1.71GHz



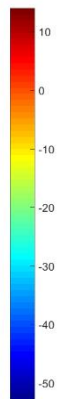
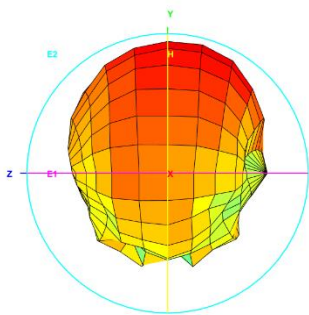
Total\_3D\_Top View\_1.88GHz



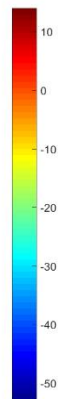
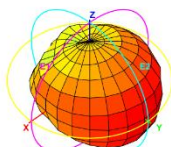
Total\_3D\_Front View\_1.88GHz



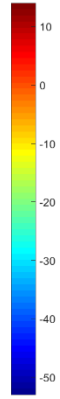
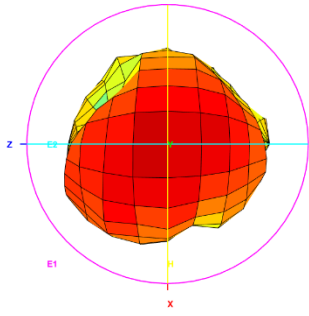
Total\_3D\_Left View\_1.88GHz



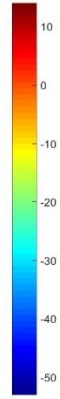
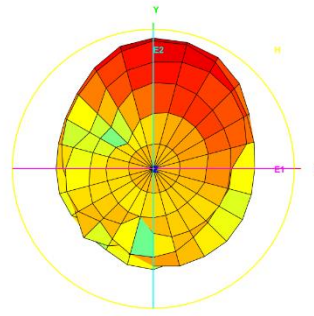
Total\_3D\_Side View\_1.88GHz



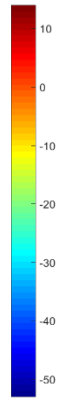
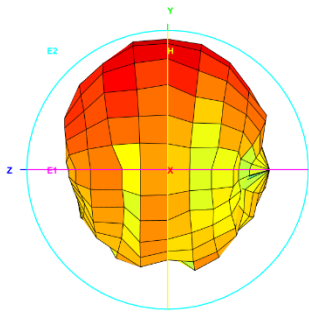
Total\_3D\_Top View\_2.17GHz



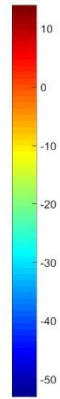
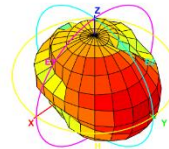
Total\_3D\_Front View\_2.17GHz



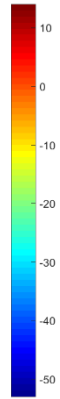
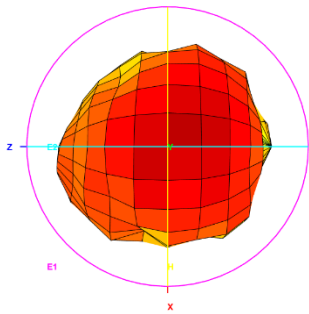
Total\_3D\_Left View\_2.17GHz



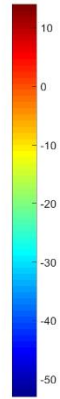
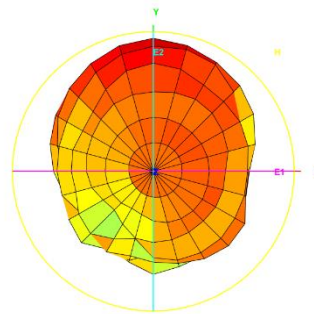
Total\_3D\_Side View 1\_2.17GHz



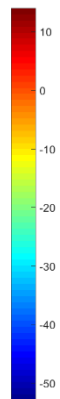
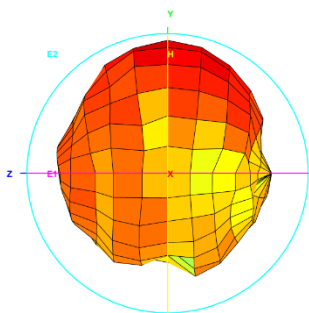
Total\_3D\_Top View\_2.4GHz



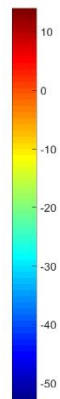
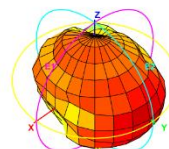
Total\_3D\_Front View\_2.4GHz



Total\_3D\_Left View\_2.4GHz

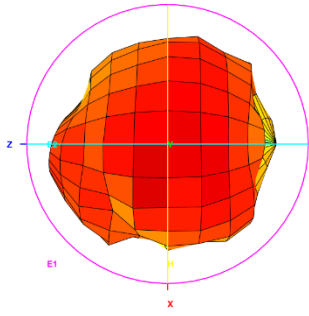


Total\_3D\_Side View 1\_2.4GHz

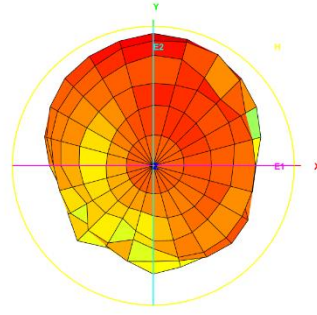




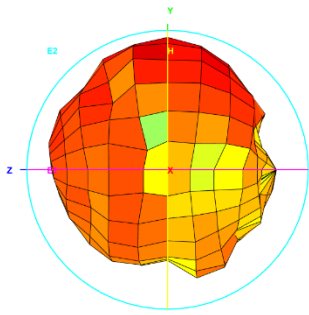
Total\_3D\_Top View\_2.5GHz



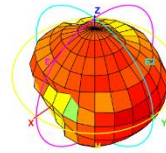
Total\_3D\_Front View\_2.5GHz



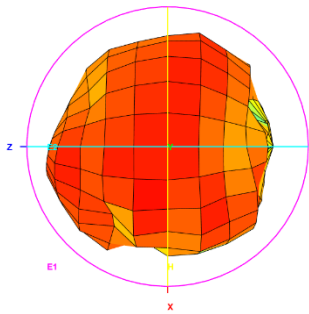
Total\_3D\_Left View\_2.5GHz



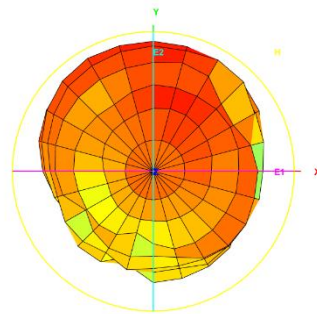
Total\_3D\_Side View 1\_2.5GHz



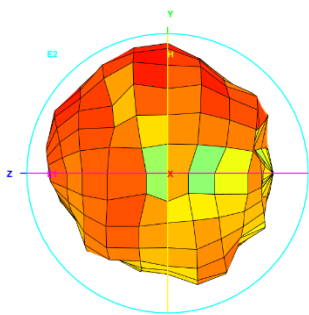
Total\_3D\_Top View\_2.6GHz



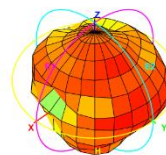
Total\_3D\_Front View\_2.6GHz



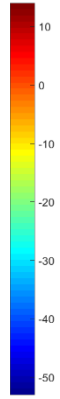
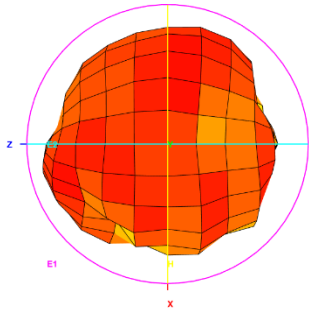
Total\_3D\_Left View\_2.6GHz



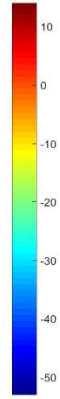
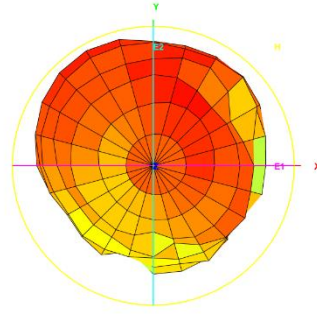
Total\_3D\_Side View 1\_2.6GHz



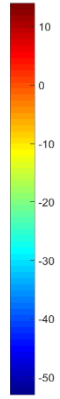
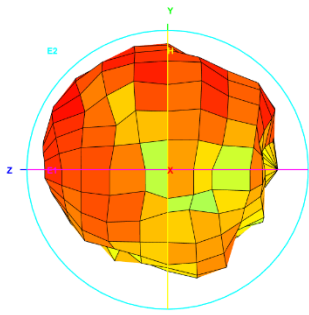
Total\_3D\_Top View\_2.7GHz



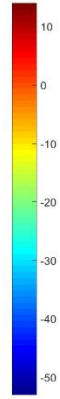
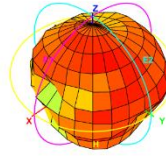
Total\_3D\_Front View\_2.7GHz



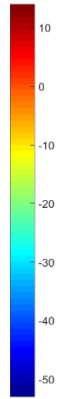
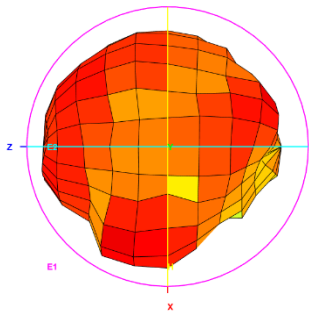
Total\_3D\_Left View\_2.7GHz



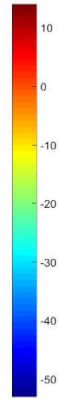
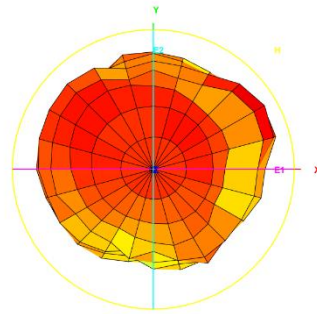
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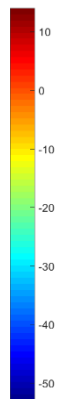
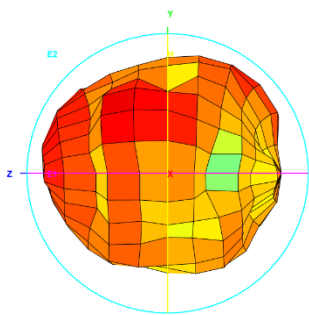
Total\_3D\_Top View\_3.3GHz



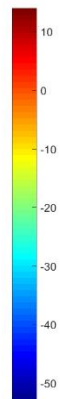
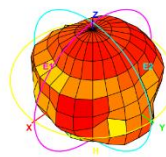
Total\_3D\_Front View\_3.3GHz



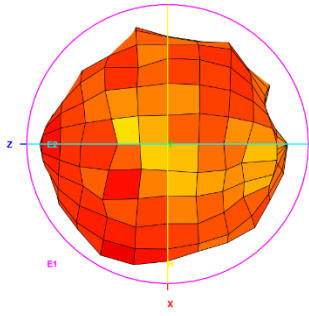
Total\_3D\_Left View\_3.3GHz



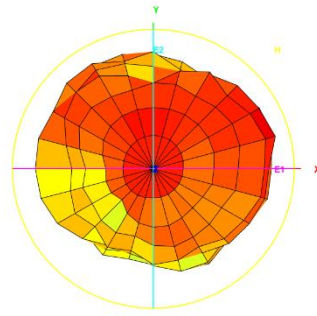
Total\_3D\_Side View 1\_3.3GHz



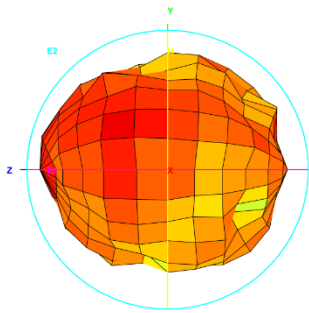
Total\_3D\_Top View\_3.6GHz



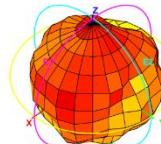
Total\_3D\_Front View\_3.6GHz



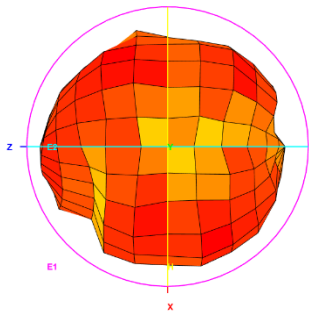
Total\_3D\_Left View\_3.6GHz



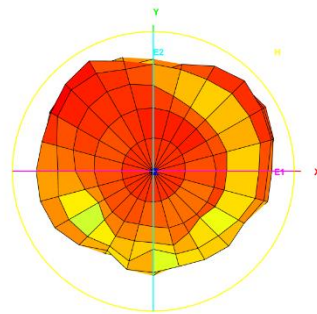
Total\_3D\_Side View 1\_3.6GHz



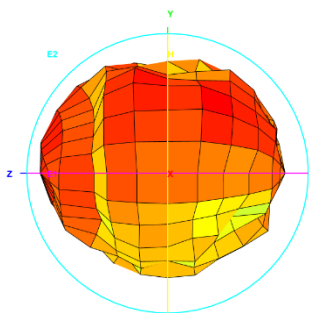
Total\_3D\_Top View\_3.8GHz



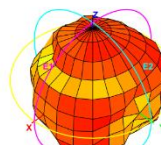
Total\_3D\_Front View\_3.8GHz



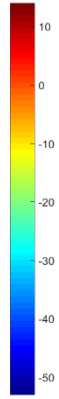
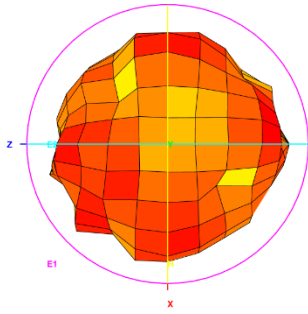
Total\_3D\_Left View\_3.8GHz



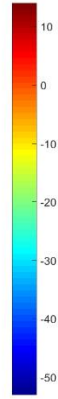
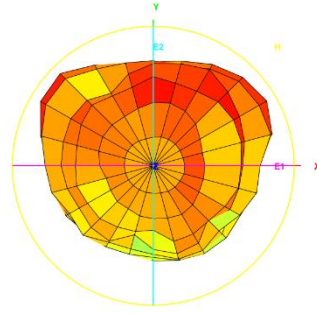
Total\_3D\_Side View 1\_3.8GHz



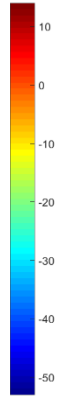
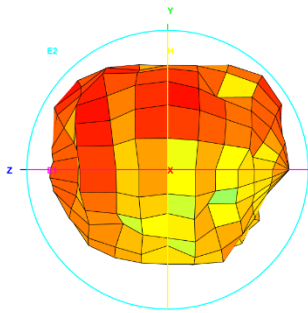
Total\_3D\_Top View\_4.4GHz



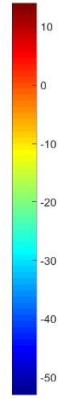
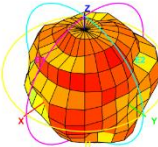
Total\_3D\_Front View\_4.4GHz



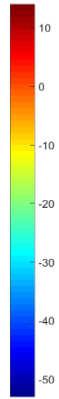
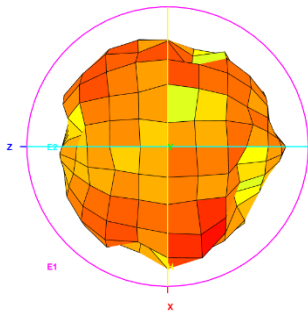
Total\_3D\_Left View\_4.4GHz



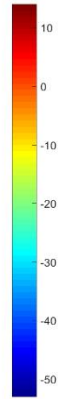
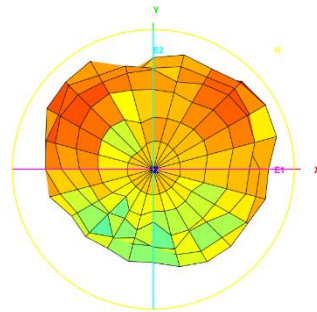
Total\_3D\_Side View 1\_4.4GHz



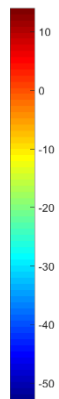
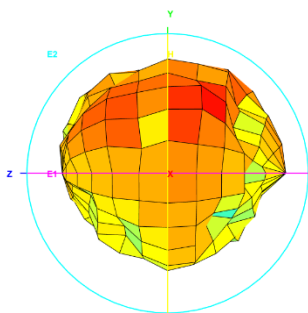
Total\_3D\_Top View\_5.15GHz



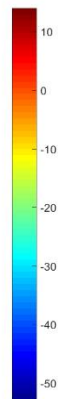
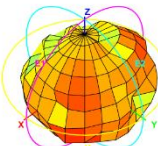
Total\_3D\_Front View\_5.15GHz



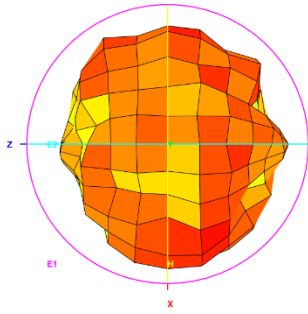
Total\_3D\_Left View\_5.15GHz



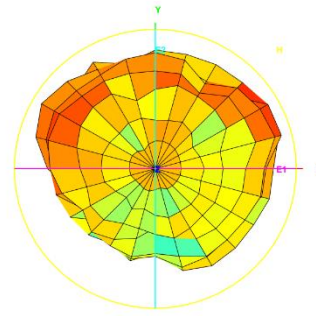
Total\_3D\_Side View 1\_5.15GHz



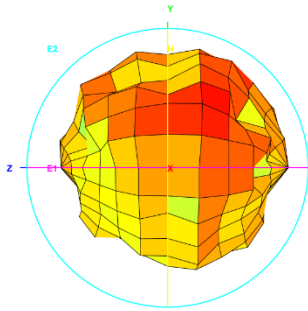
Total\_3D\_Top View\_5.5GHz



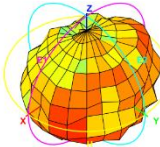
Total\_3D\_Front View\_5.5GHz



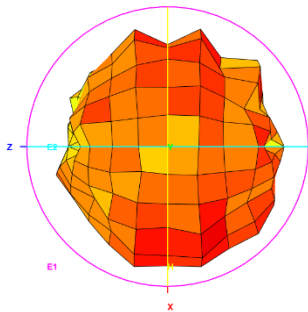
Total\_3D\_Left View\_5.5GHz



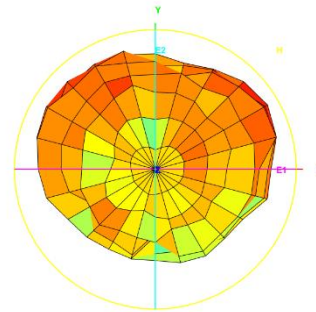
Total\_3D\_Side View 1\_5.5GHz



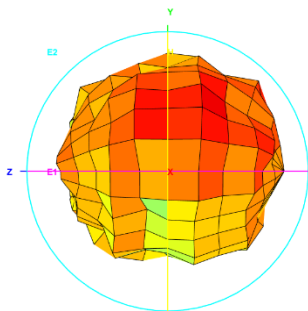
Total\_3D\_Top View\_5.8GHz



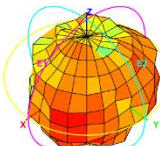
Total\_3D\_Front View\_5.8GHz



Total\_3D\_Left View\_5.8GHz

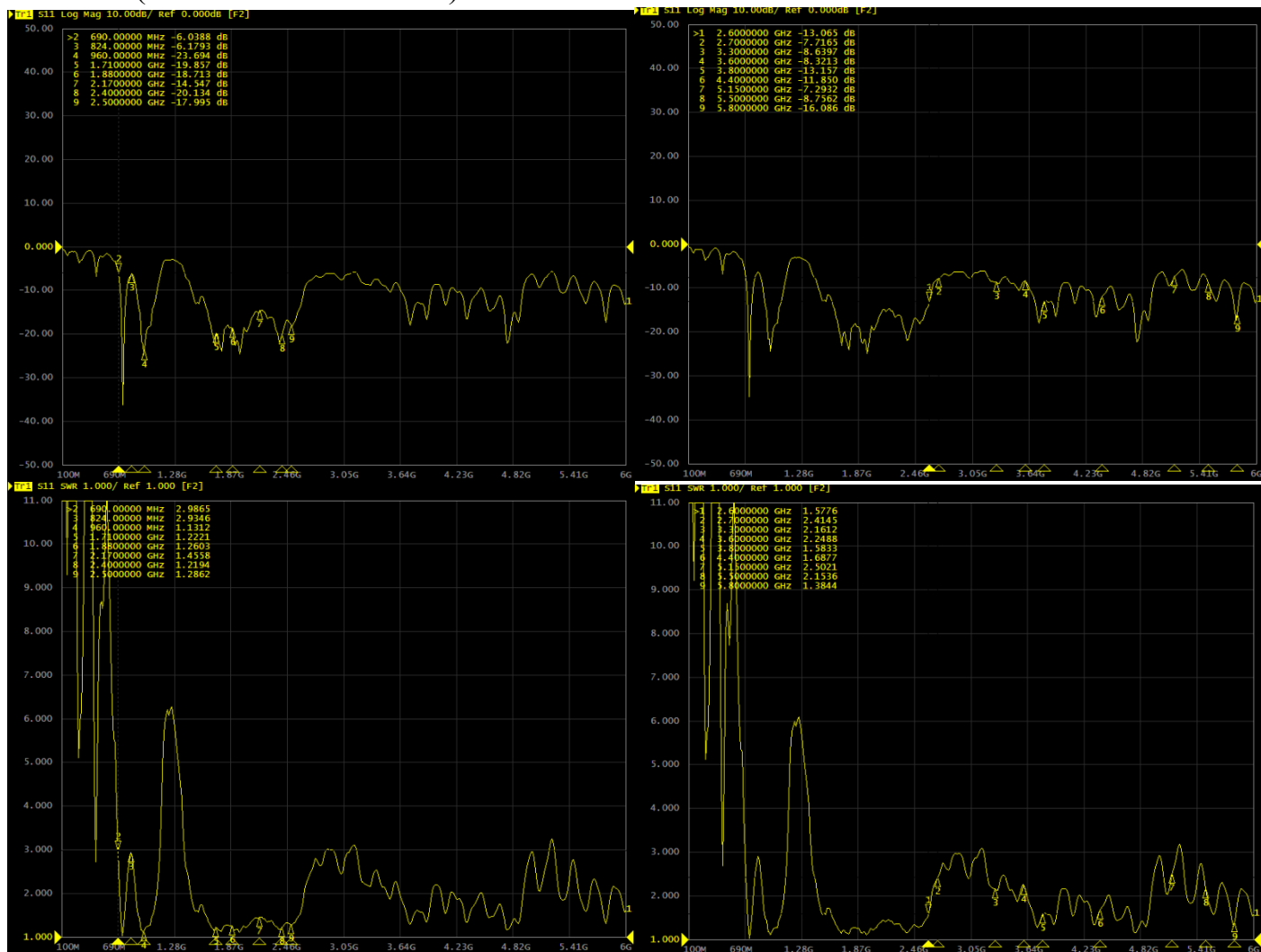


Total\_3D\_Side View 1\_5.8GHz



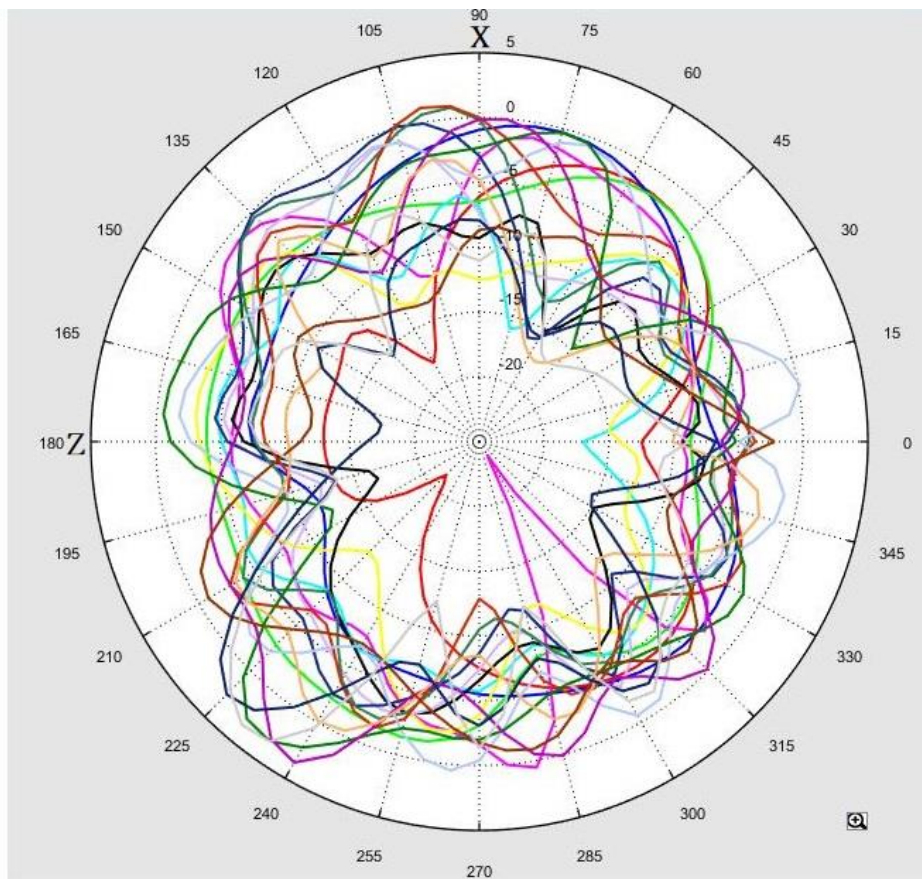
Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dB)
690	-6.03	2.98	74.82	5.42
824	-6.17	2.93	58.75	3.5
960	-23.69	1.13	82.79	6.18
1710	-19.85	1.22	77.27	7.11
1880	-18.71	1.26	74.64	7.31
2170	-14.54	1.45	61.66	7.46
2400	-20.13	1.21	83.56	9.01
2500	-17.99	1.28	76.21	7.4
2600	-13.06	1.57	65.01	5.31
2700	-7.71	2.41	62.09	4.65
3300	-8.63	2.16	71.61	5.61
3600	-8.32	2.24	61.66	6.09
3800	-13.15	1.58	67.3	5.96
4400	-11.85	1.68	50.58	5.67
5150	-7.29	2.50	41.21	3.99
5500	-8.75	2.15	41.11	4.03
5800	-16.08	1.38	43.45	3.48

# Test Data(Return Loss & VSWR) v PORT

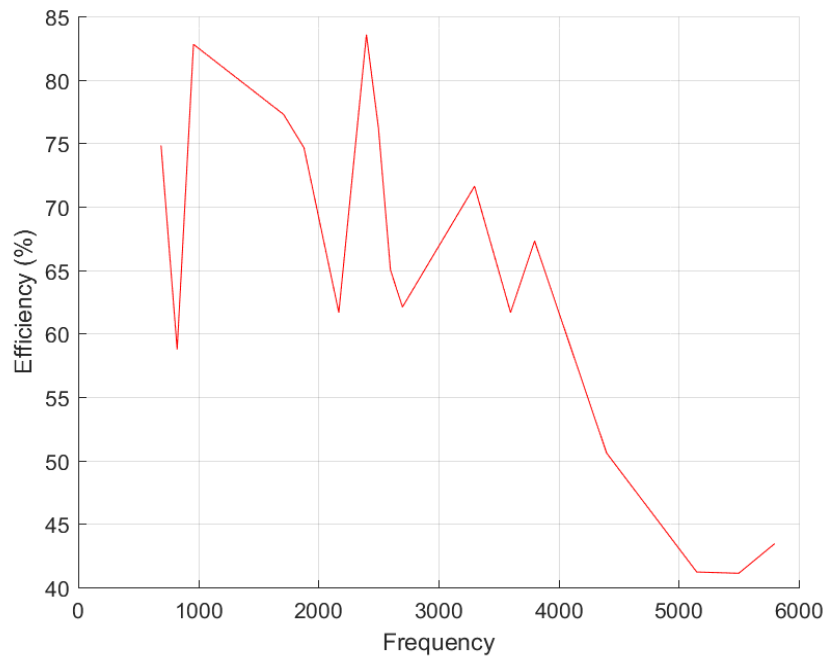


## 3D Test Data

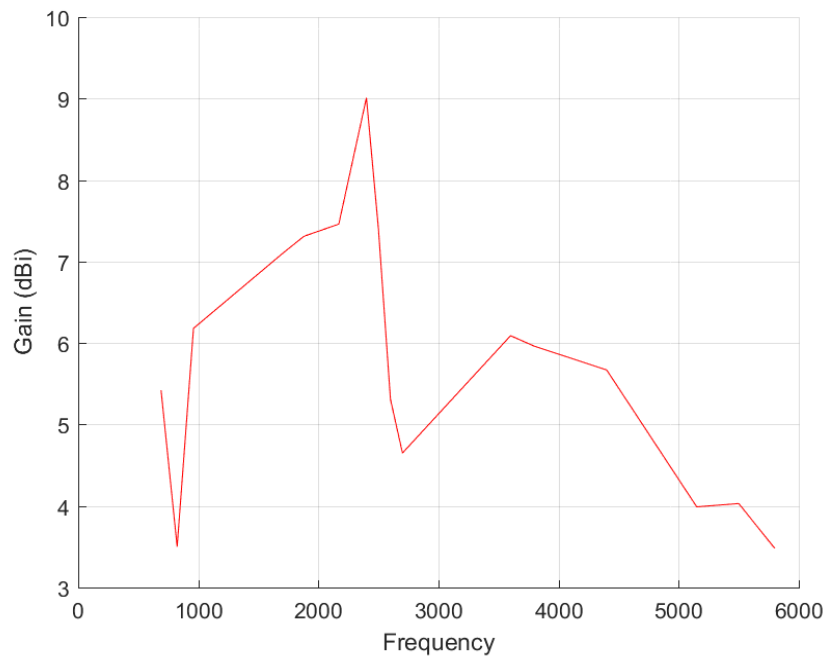
Freq. / Chan.	Color
600MHz	Red
690MHz	Blue
824MHz	Green
960MHz	Magenta
1.71GHz	Cyan
1.88GHz	Yellow
2.17GHz	Black
2.4GHz	Purple
2.5GHz	Dark Blue
2.6GHz	Teal
2.7GHz	Orange
3.3GHz	Light Blue
3.6GHz	Dark Green
3.8GHz	Pink
4.4GHz	Light Orange
5.15GHz	Brown
5.5GHz	Dark Blue
5.8GHz	Grey



Total\_Efficiency (%)

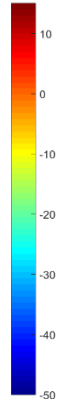
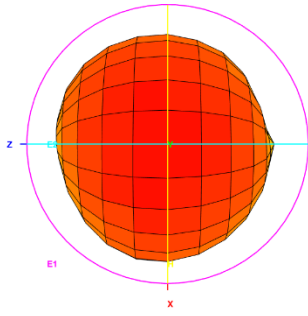


Total\_Gain (dBi)

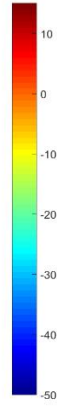
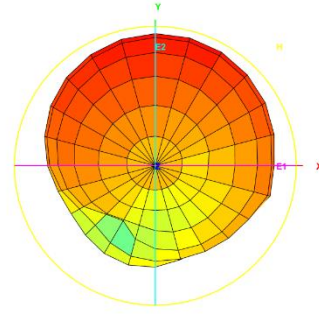




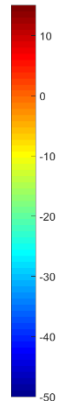
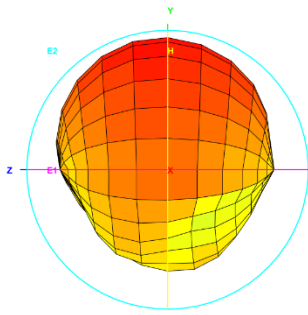
Total\_3D\_Top View\_690MHz



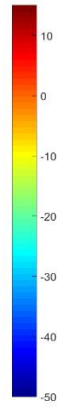
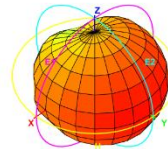
Total\_3D\_Front View\_690MHz



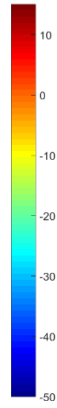
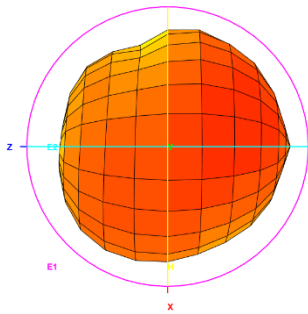
Total\_3D\_Left View\_690MHz



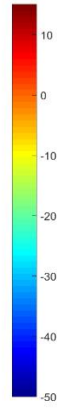
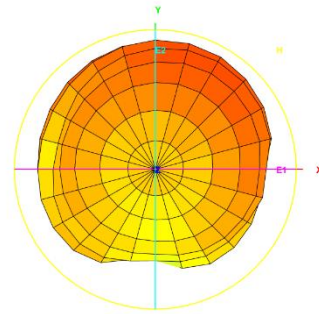
Total\_3D\_Side View 1\_690MHz



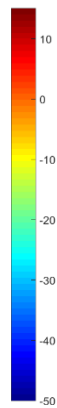
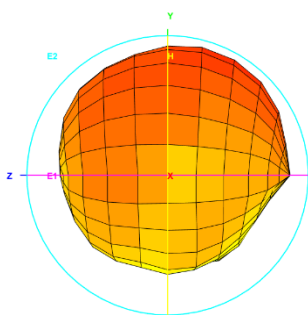
Total\_3D\_Top View\_824MHz



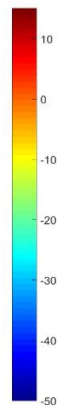
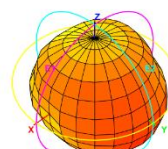
Total\_3D\_Front View\_824MHz



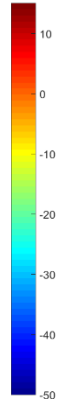
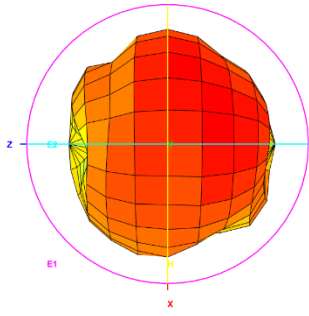
Total\_3D\_Left View\_824MHz



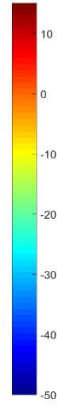
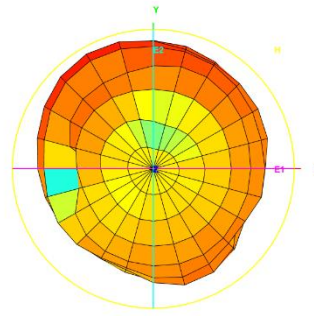
Total\_3D\_Side View 1\_824MHz



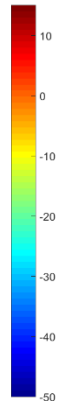
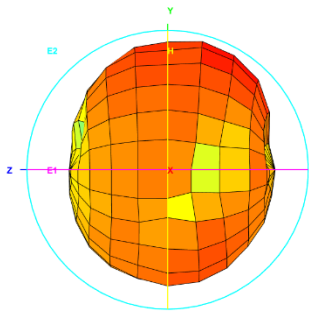
Total\_3D\_Top View\_960MHz



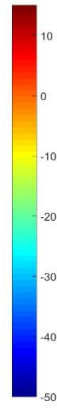
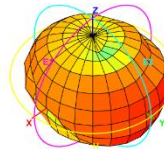
Total\_3D\_Front View\_960MHz



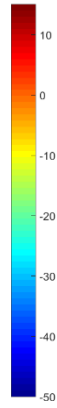
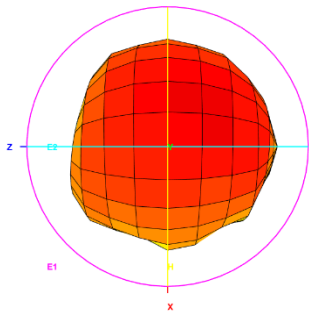
Total\_3D\_Left View\_960MHz



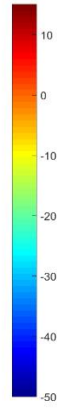
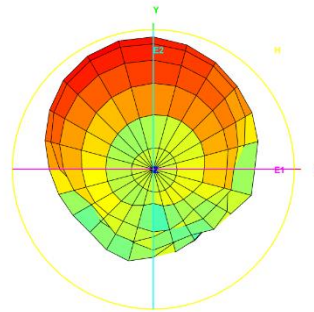
Total\_3D\_Side View\_1\_960MHz



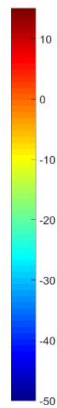
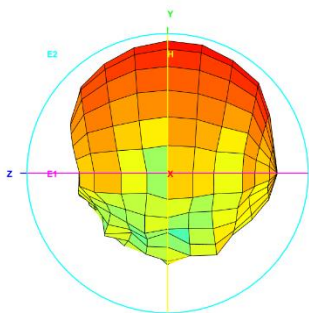
Total\_3D\_Top View\_1.71GHz



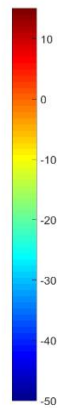
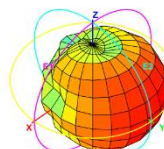
Total\_3D\_Front View\_1.71GHz



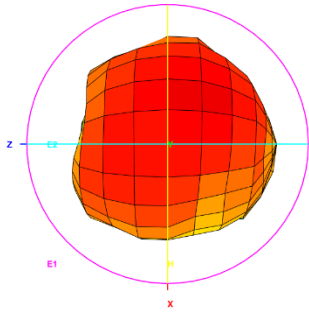
Total\_3D\_Left View\_1.71GHz



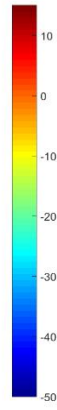
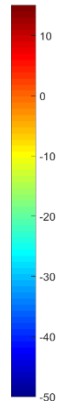
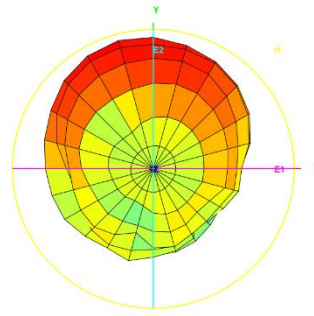
Total\_3D\_Side View\_1\_1.71GHz



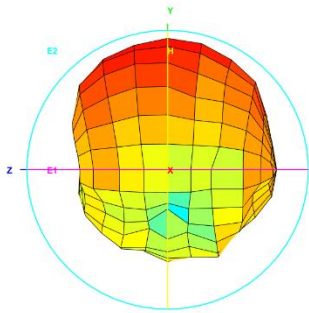
Total\_3D\_Top View\_1.88GHz



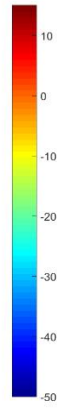
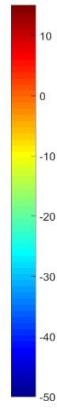
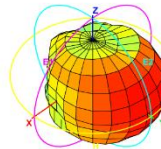
Total\_3D\_Front View\_1.88GHz



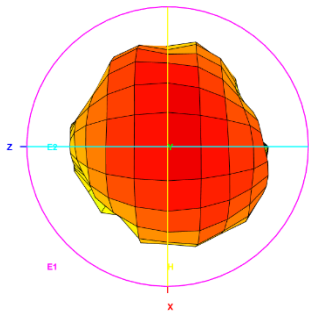
Total\_3D\_Left View\_1.88GHz



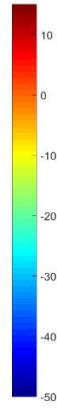
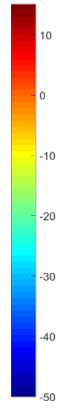
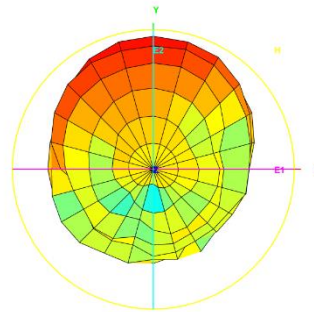
Total\_3D\_Side View 1\_1.88GHz



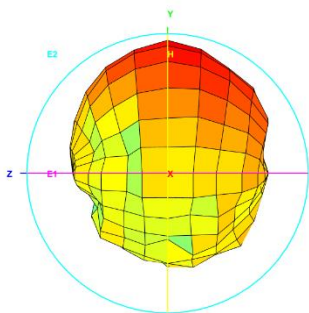
Total\_3D\_Top View\_2.17GHz



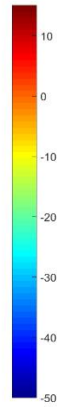
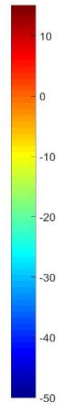
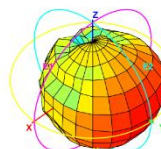
Total\_3D\_Front View\_2.17GHz



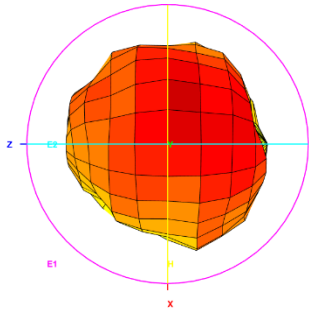
Total\_3D\_Left View\_2.17GHz



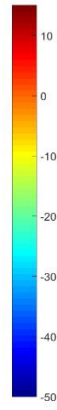
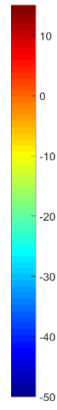
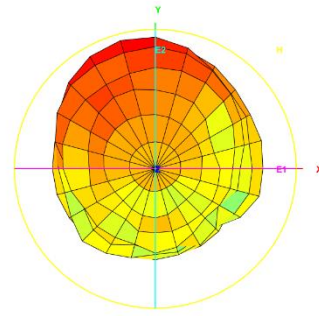
Total\_3D\_Side View 1\_2.17GHz



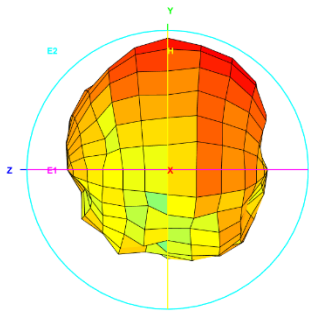
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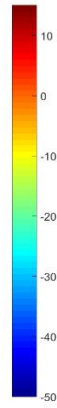
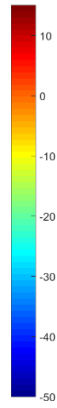
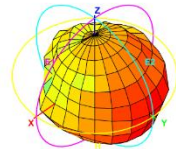
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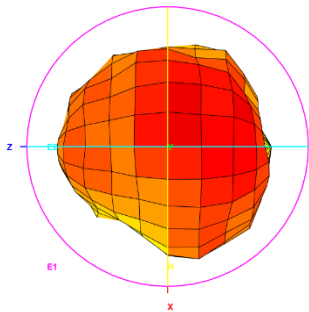
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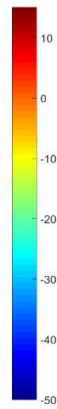
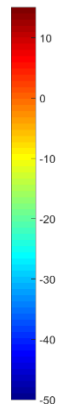
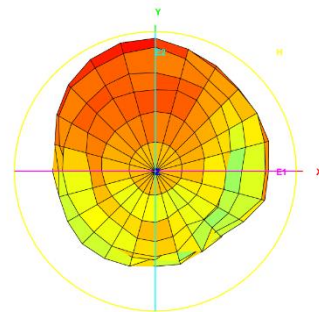
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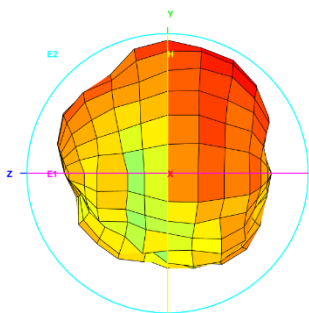
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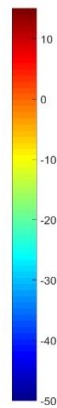
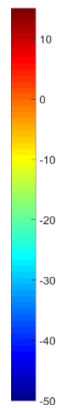
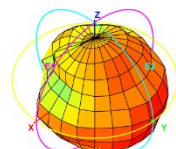
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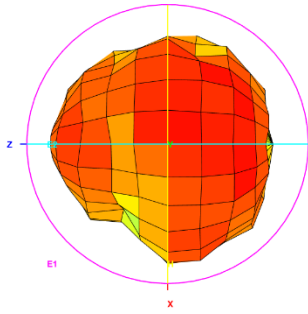
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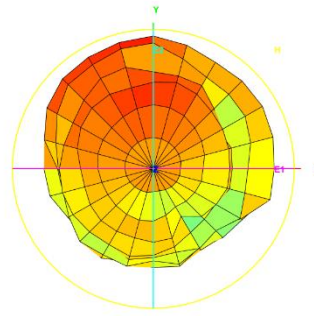
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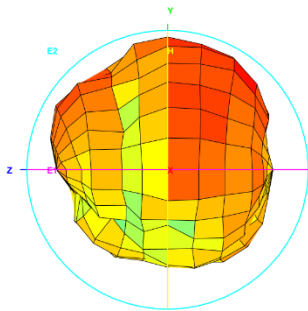
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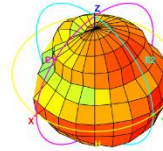
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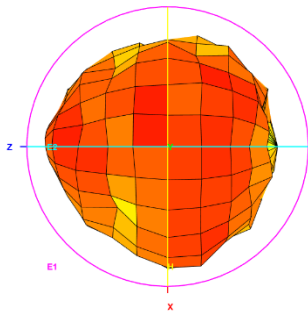
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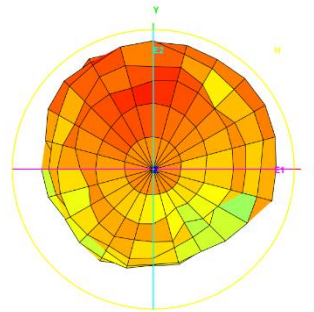
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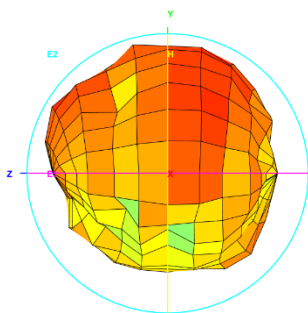
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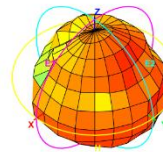
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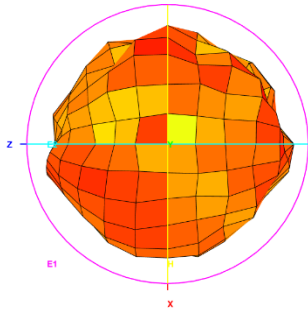
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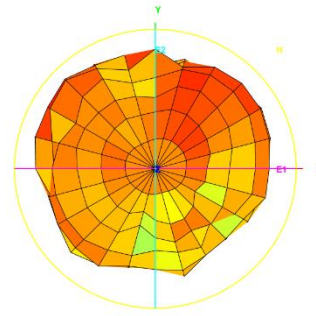
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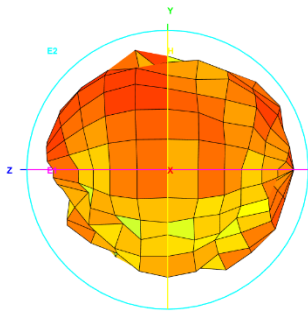
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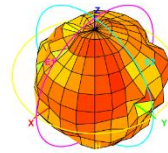
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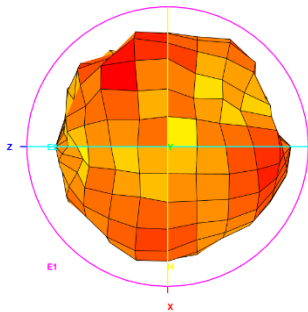
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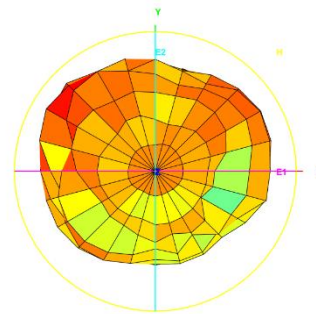
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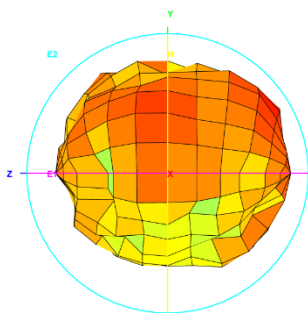
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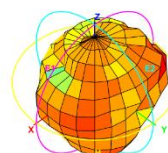
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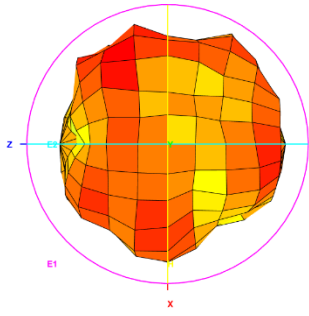
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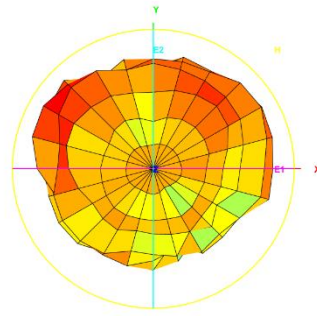
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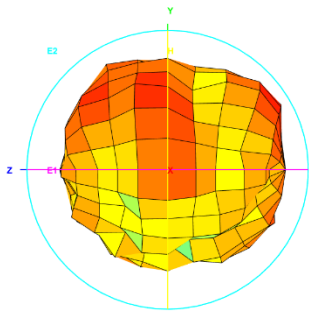
Total\_3D\_Top View\_3.8GHz



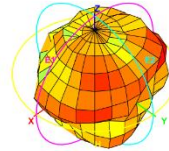
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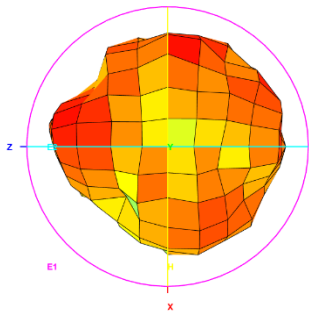
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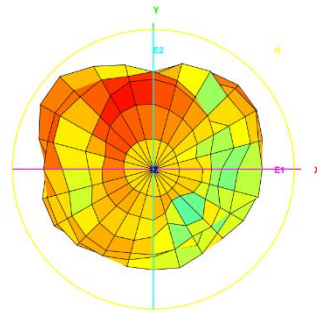
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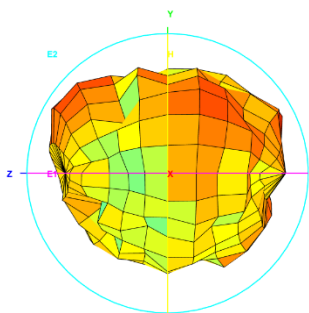
Total\_3D\_Top View\_4.4GHz



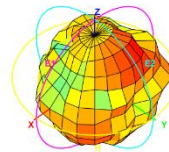
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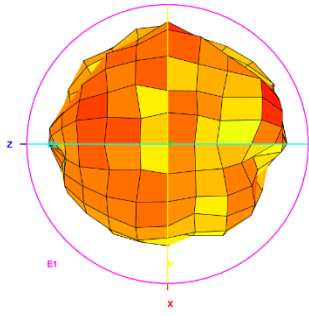
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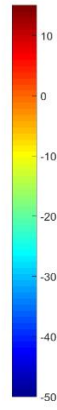
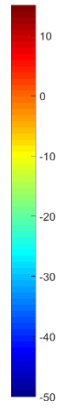
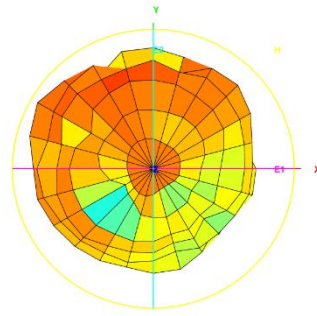
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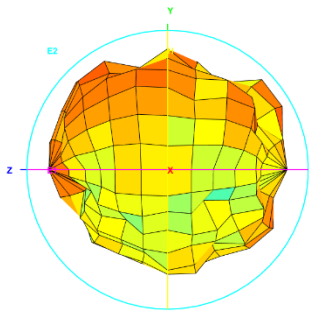
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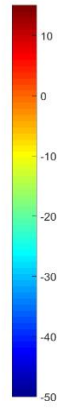
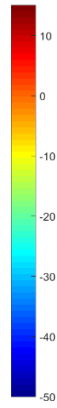
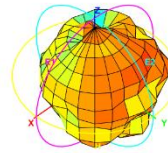
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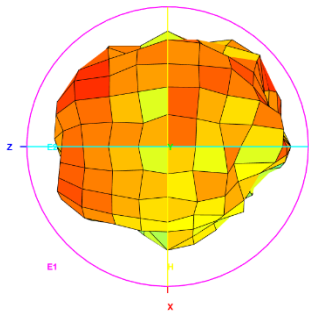
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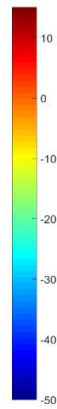
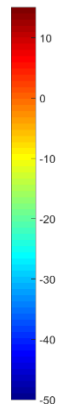
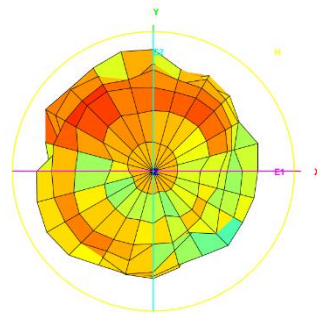
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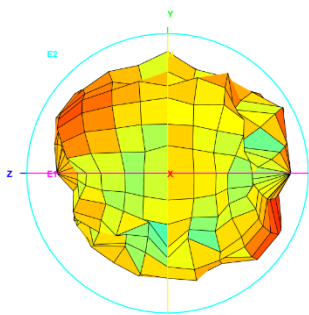
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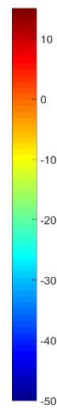
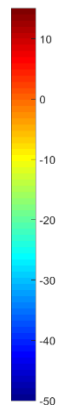
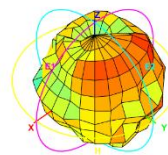
Total\_3D\_Front View\_5.5GHz



Total\_3D\_Left View\_5.5GHz

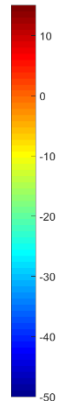
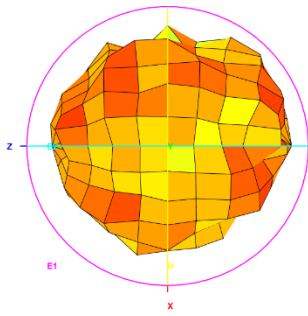


Total\_3D\_Side View 1\_5.5GHz

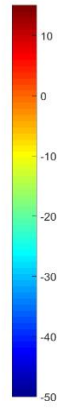
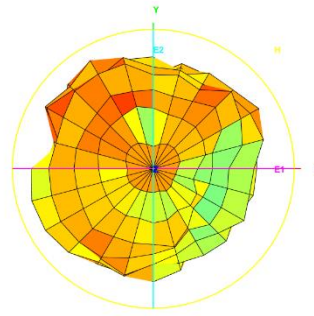




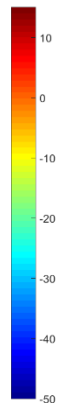
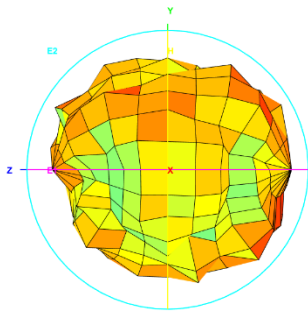
Total\_3D\_Top View\_5.8GHz



Total\_3D\_Front View\_5.8GHz



Total\_3D\_Left View\_5.8GHz



Total\_3D\_Side View 1\_5.8GHz

