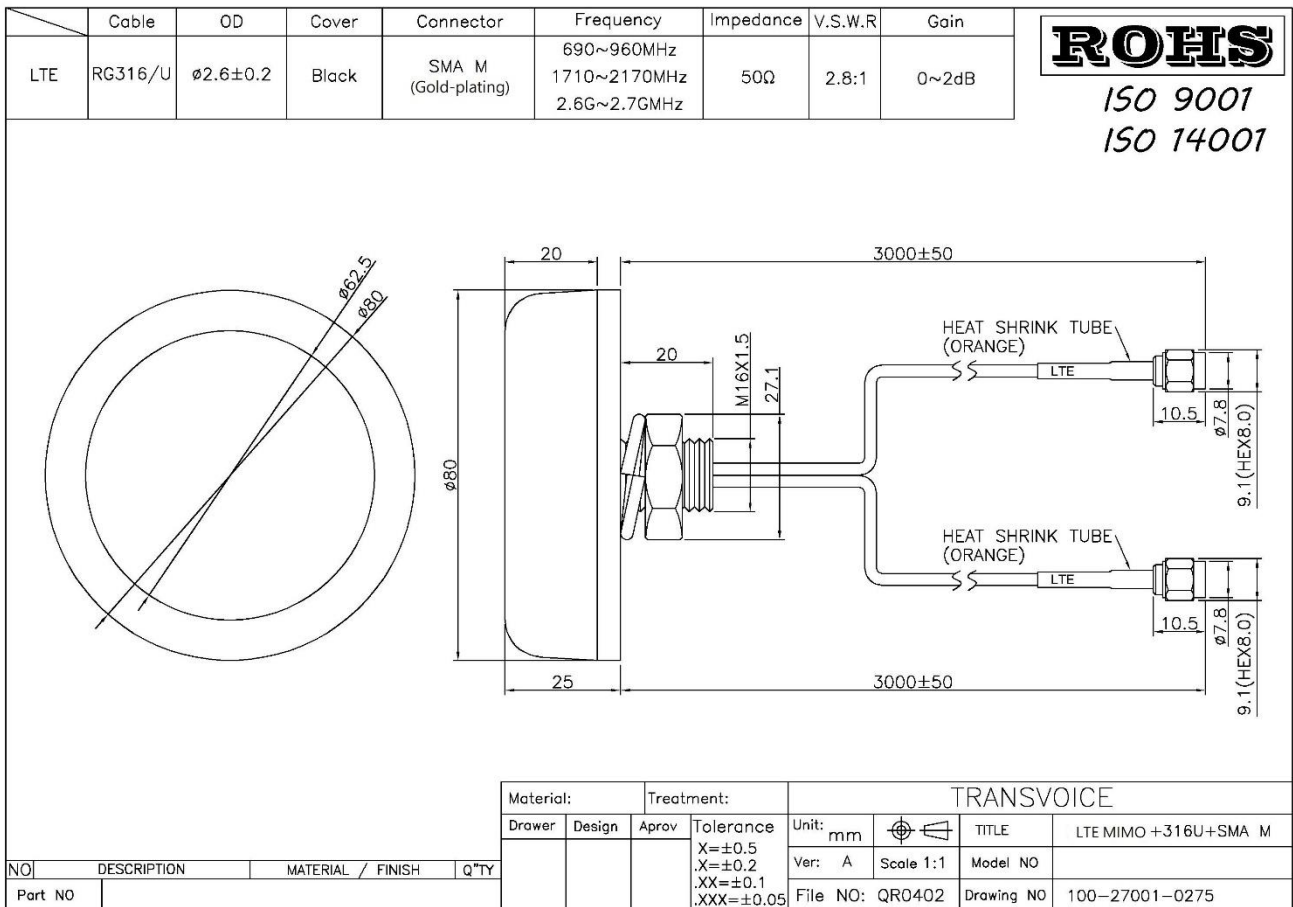


Specification

1. Product Type: LTE MIMO ANT
2. Part number: 202-804
3. Frequency: 690~960/1710~2170/2600~2700MHz
4. Cable: RG316 (Black)
5. Connector: SMA M

✳️RoHS Compliant



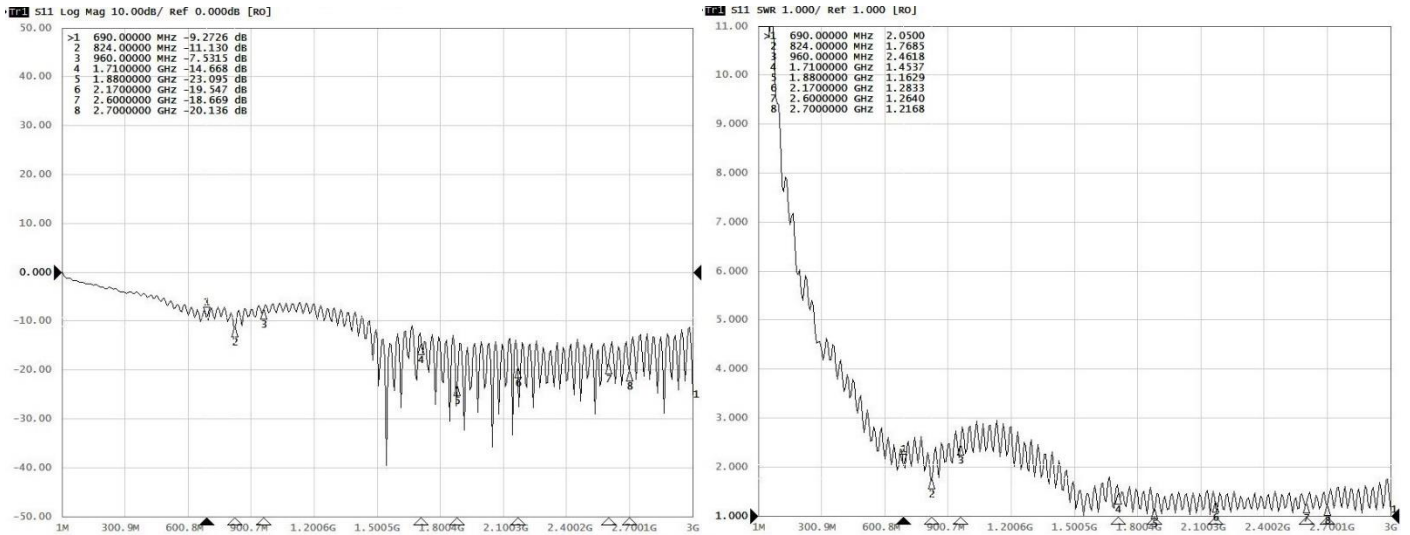
ELECTRICAL(Cable 1)

Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dB)
690	-9.27	2.05	11.04	-3.35
880	-11.13	1.76	9.64	-3.42
960	-7.53	2.46	4.72	-7.44
1710	-14.66	1.45	33.5	3.35
1880	-23.09	1.16	39.45	3.86
2170	-19.54	1.28	29.44	2.79
2600	-18.66	1.26	17.38	0.41
2700	-20.13	1.21	27.16	2.92

ELECTRICAL(Cable 2)

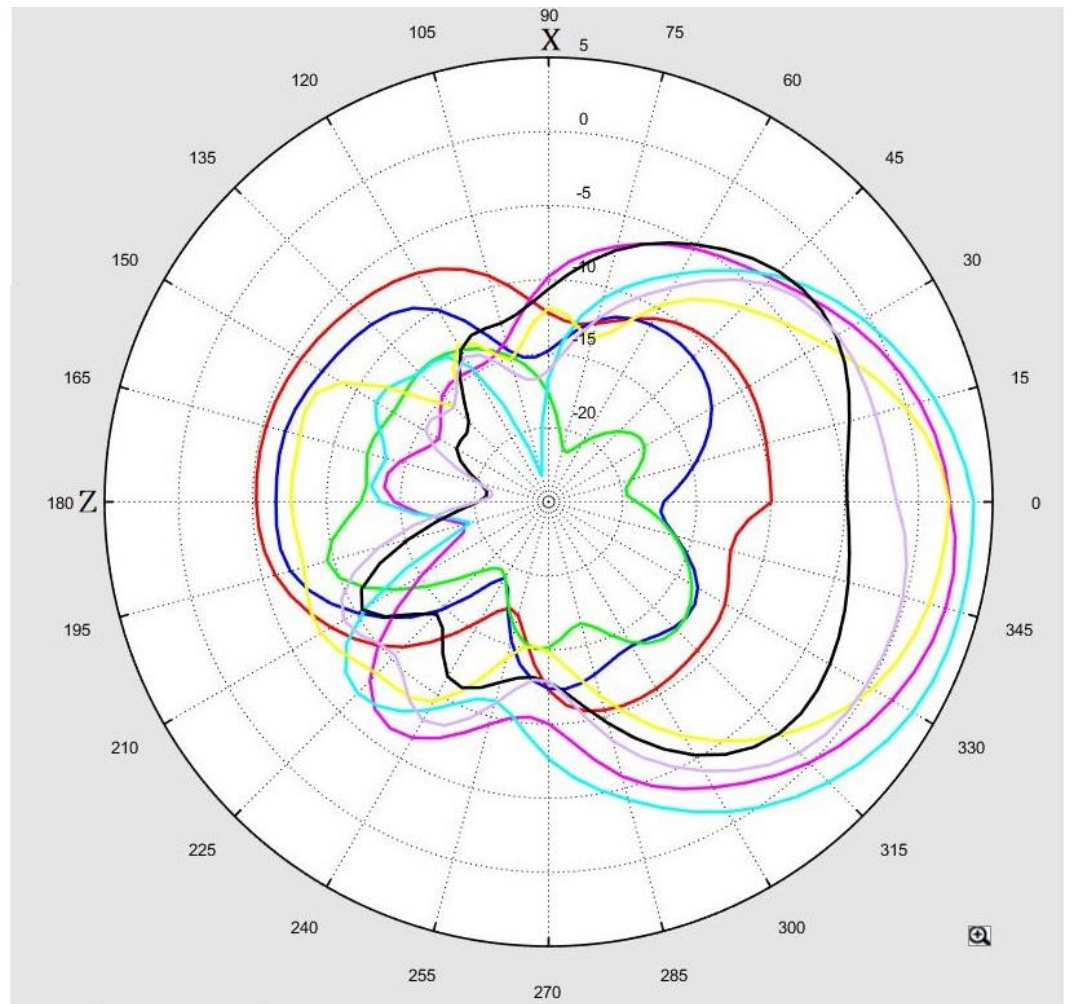
Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dB)
690	-10.57	1.84	3.85	-9.14
880	-11.58	1.72	3.76	-8.63
960	-6.91	2.64	3.12	-10.33
1710	-32.19	1.06	29.92	2.67
1880	-18.29	1.30	36.81	3.66
2170	-22.44	1.16	21.58	1.48
2600	-16.18	1.38	21.18	0.76
2700	-16.54	1.35	30.48	3.5

Test Data Cable 1(Return Loss & VSWR)



3D Test Data

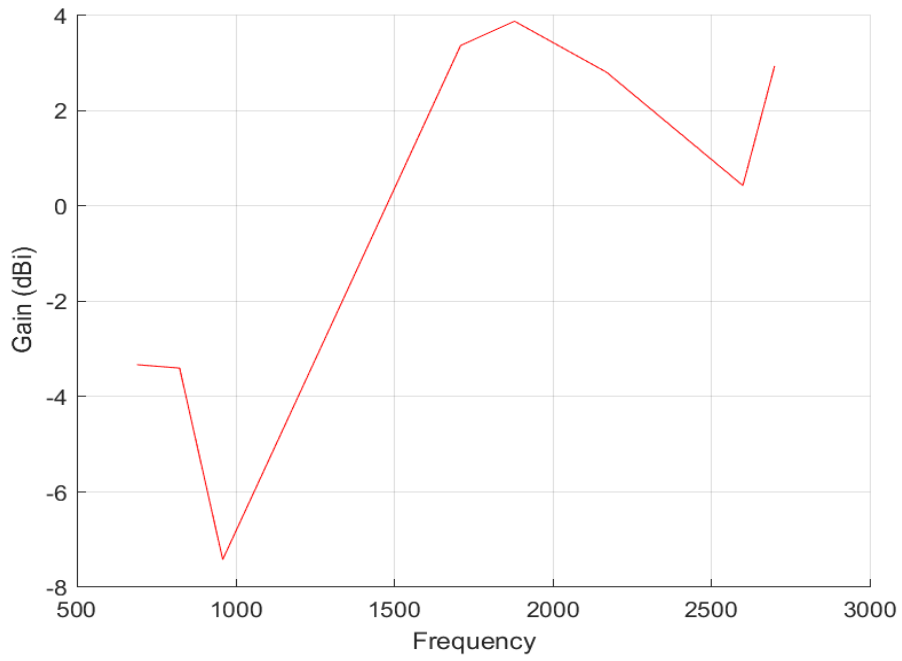
Freq. / Chan.	Color
690MHz	Red
824MHz	Blue
960MHz	Green
1.71GHz	Magenta
1.88GHz	Cyan
2.17GHz	Yellow
2.6GHz	Black
2.7GHz	Purple



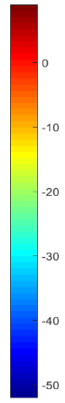
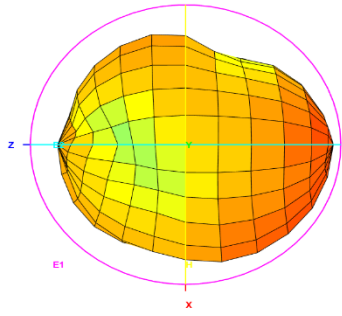
Total_Efficiency (%)



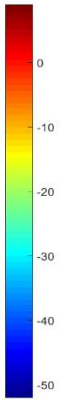
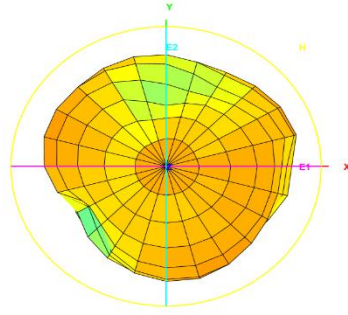
Total_Gain (dBi)



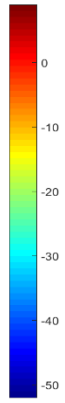
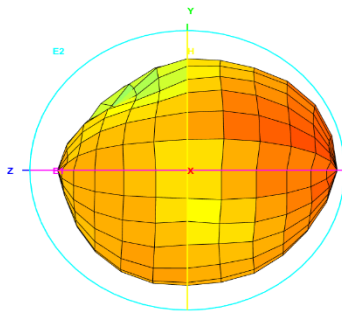
Total_3D_Top View_690MHz



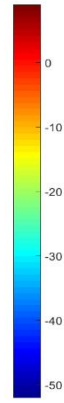
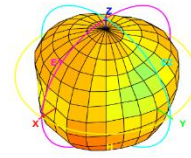
Total_3D_Front View_690MHz



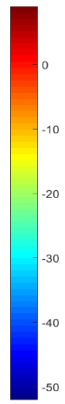
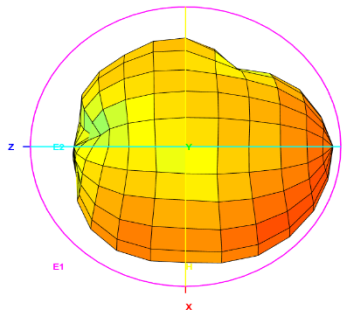
Total_3D_Left View_690MHz



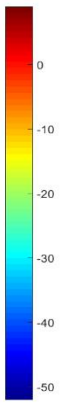
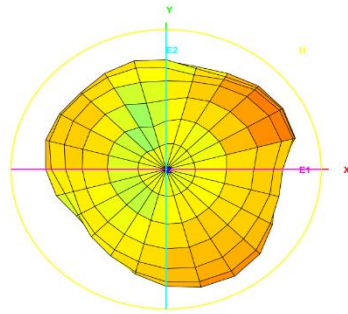
Total_3D_Side View 1_690MHz



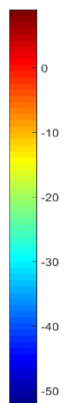
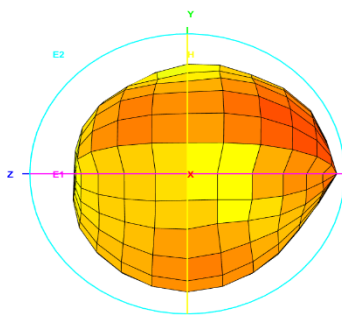
Total_3D_Top View_824MHz



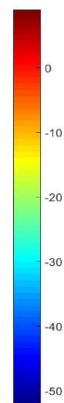
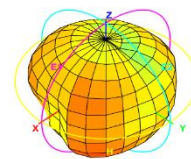
Total_3D_Front View_824MHz



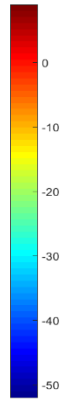
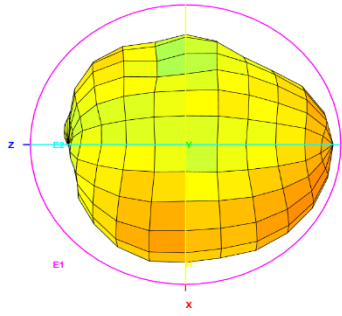
Total_3D_Left View_824MHz



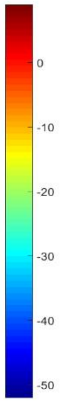
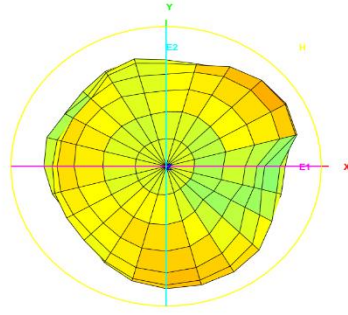
Total_3D_Side View 1_824MHz



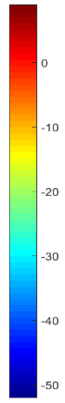
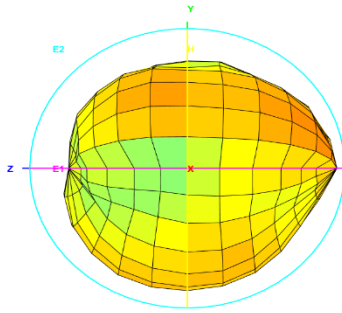
Total_3D_Top View_960MHz



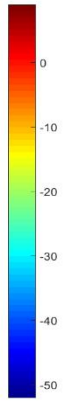
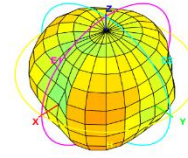
Total_3D_Front View_960MHz



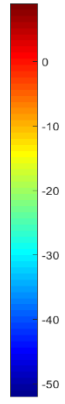
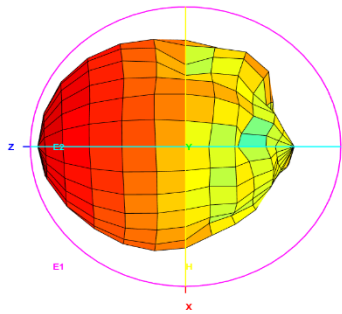
Total_3D_Left View_960MHz



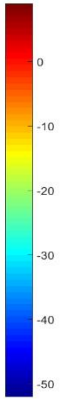
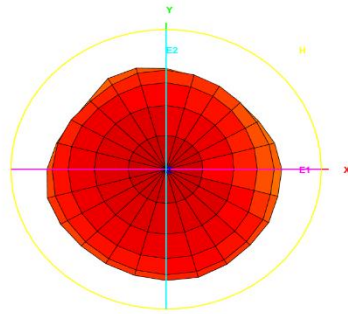
Total_3D_Side View 1_960MHz



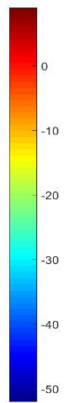
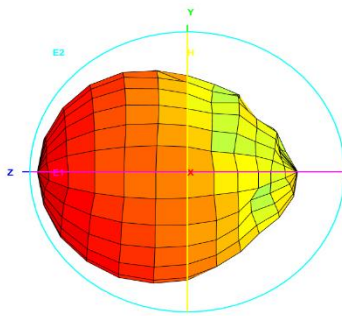
Total_3D_Top View_1.71GHz



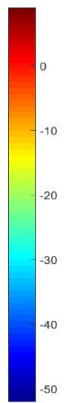
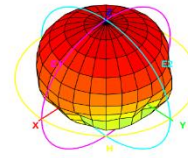
Total_3D_Front View_1.71GHz



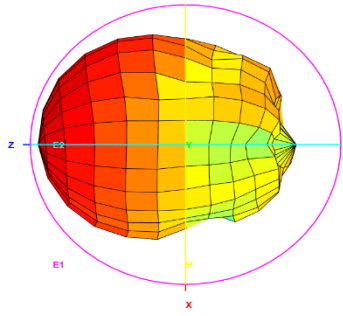
Total_3D_Left View_1.71GHz



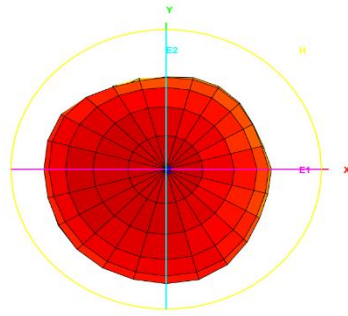
Total_3D_Side View 1_1.71GHz



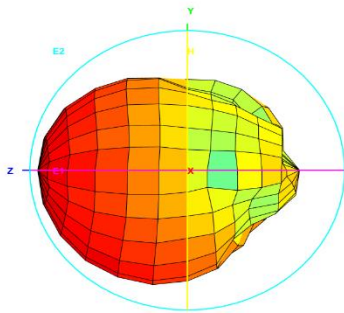
Total_3D_Top View_1.88GHz



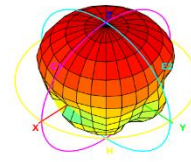
Total_3D_Front View_1.88GHz



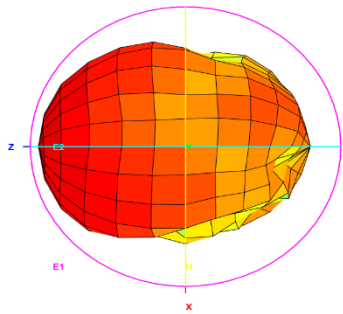
Total_3D_Left View_1.88GHz



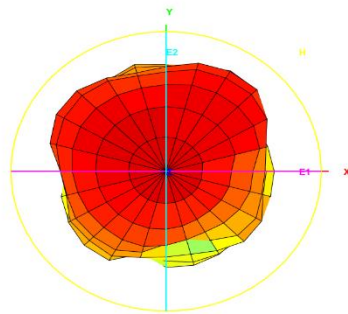
Total_3D_Side View 1_1.88GHz



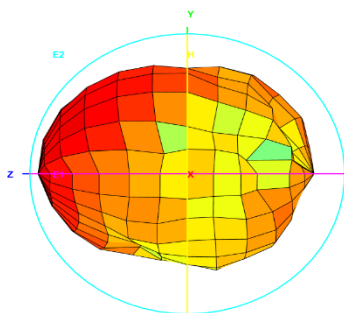
Total_3D_Top View_2.17GHz



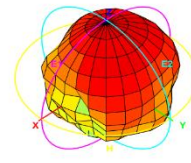
Total_3D_Front View_2.17GHz



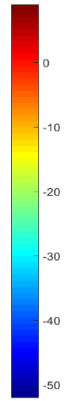
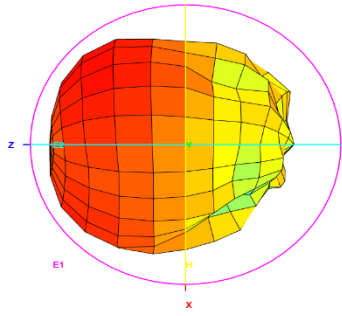
Total_3D_Left View_2.17GHz



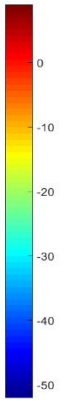
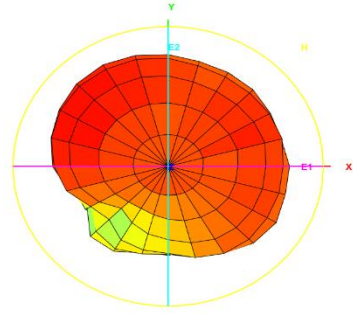
Total_3D_Side View 1_2.17GHz



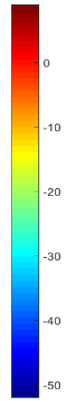
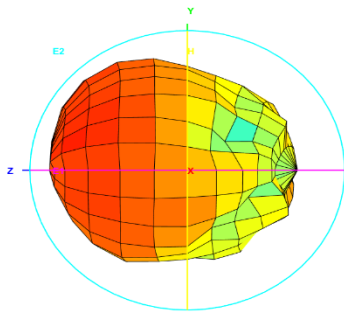
Total_3D_Top View_2.6GHz



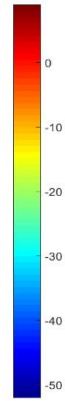
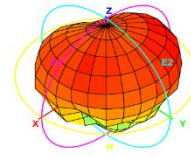
Total_3D_Front View_2.6GHz



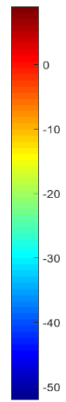
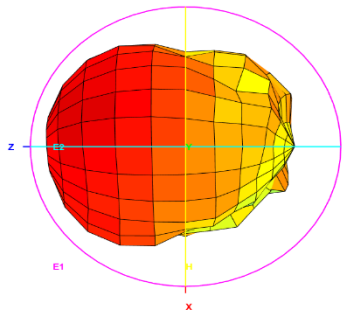
Total_3D_Left View_2.6GHz



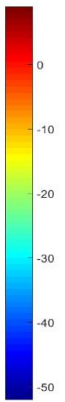
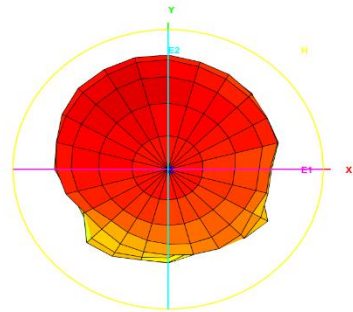
Total_3D_Side View 1_2.6GHz



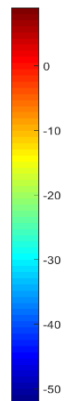
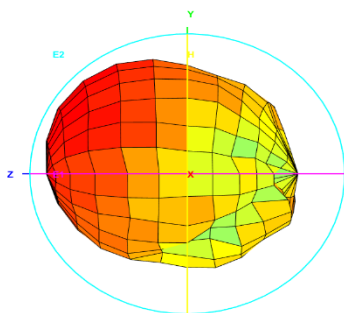
Total_3D_Top View_2.7GHz



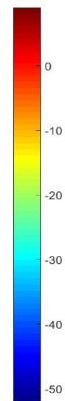
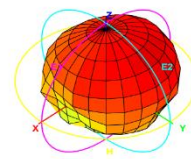
Total_3D_Front View_2.7GHz



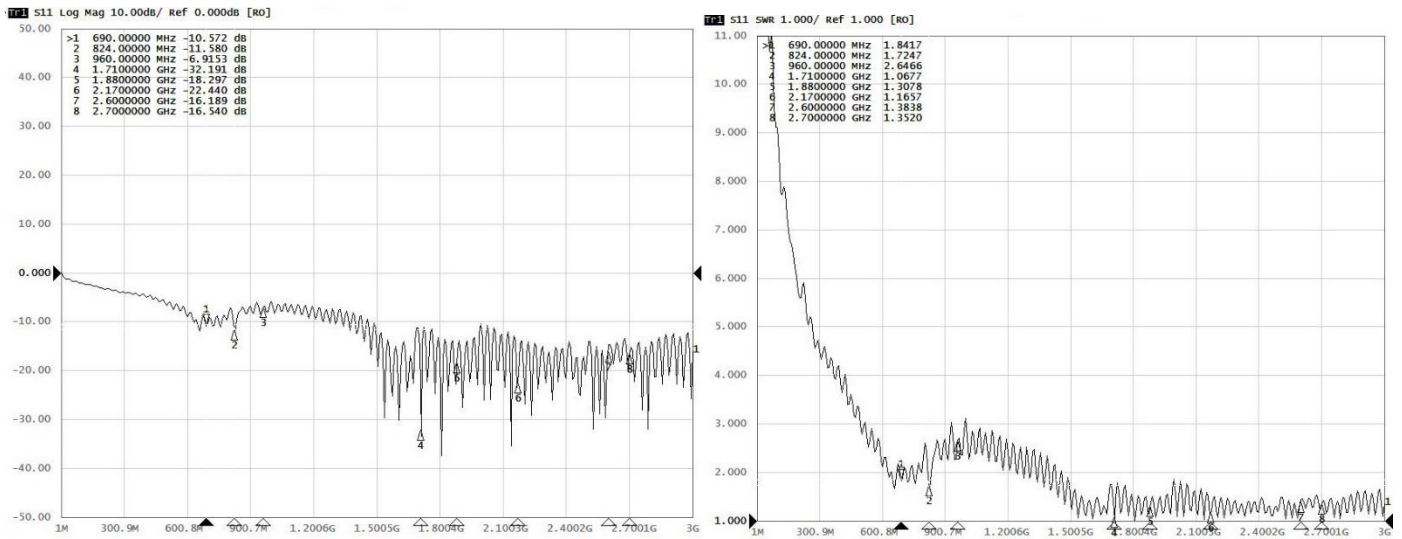
Total_3D_Left View_2.7GHz



Total_3D_Side View 1_2.7GHz

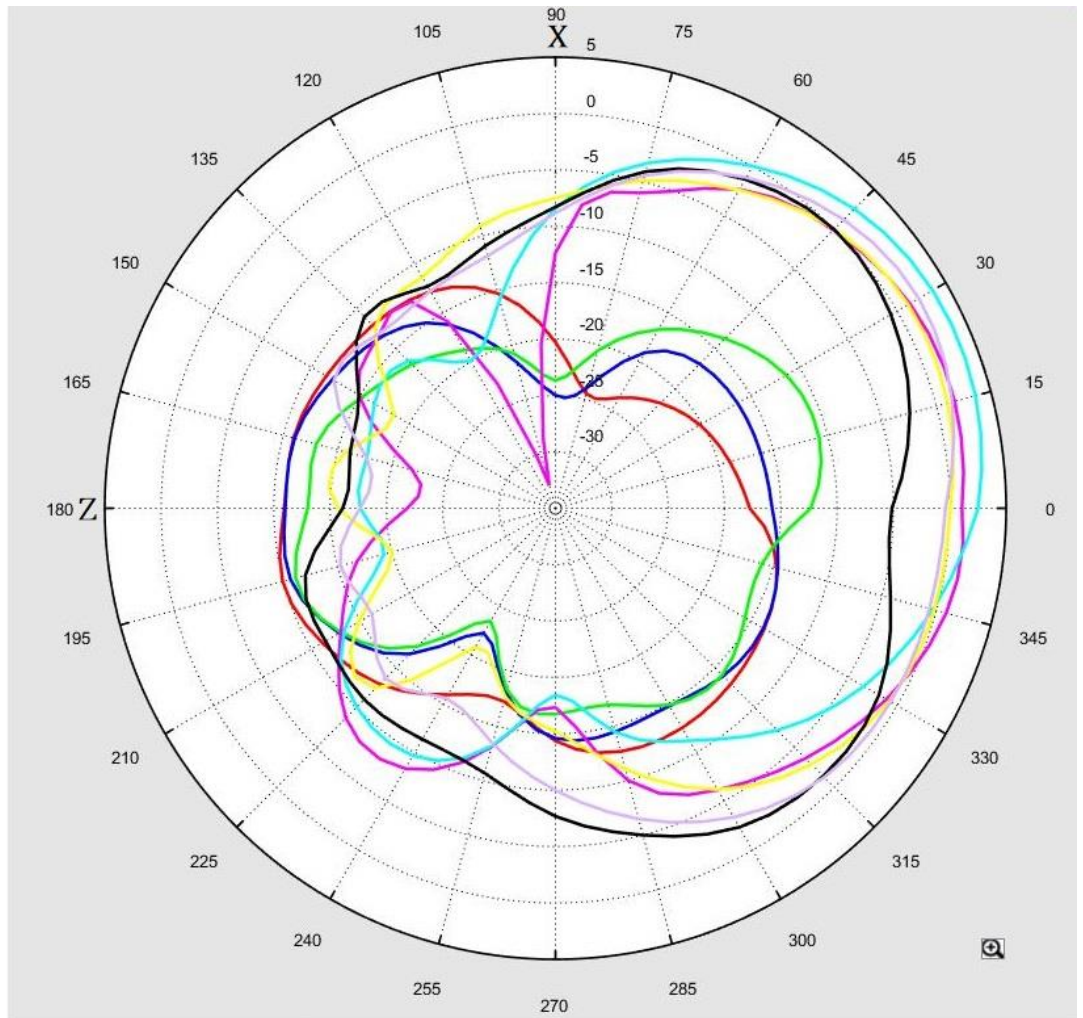


Test Data Cable 2(Return Loss & VSWR)



3D Test Data

Freq. / Chan.	Color
690MHz	Red
824MHz	Blue
960MHz	Green
1.71GHz	Magenta
1.88GHz	Cyan
2.17GHz	Yellow
2.6GHz	Black
2.7GHz	Purple



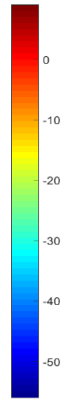
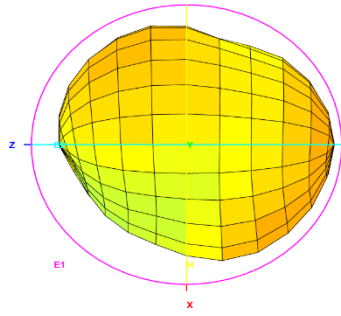
Total_Efficiency (%)



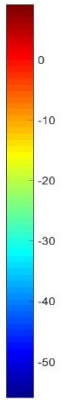
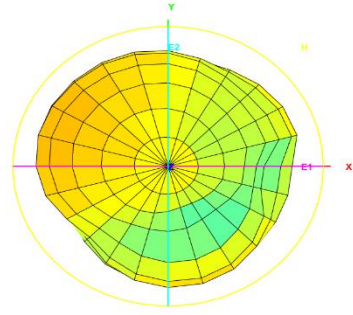
Total_Gain (dBi)



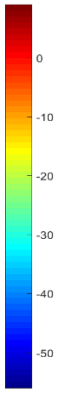
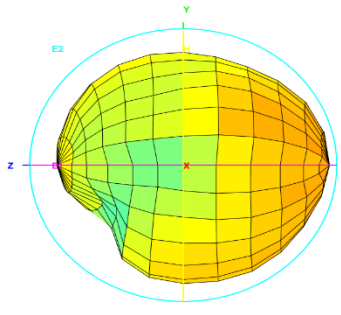
Total_3D_Top View_690MHz



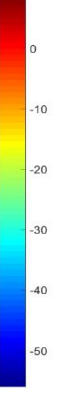
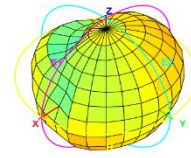
Total_3D_Front View_690MHz



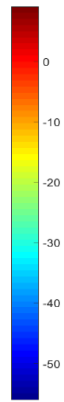
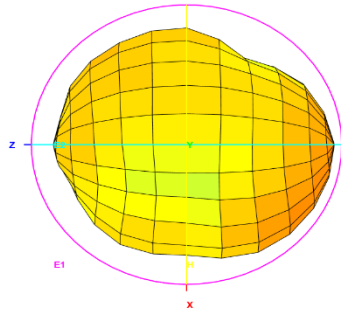
Total_3D_Left View_690MHz



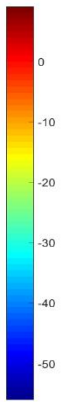
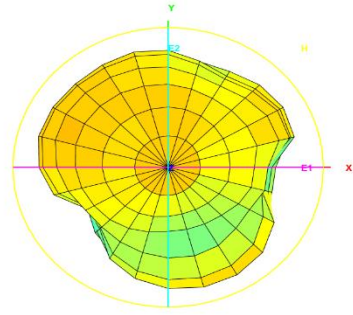
Total_3D_Side View 1_690MHz



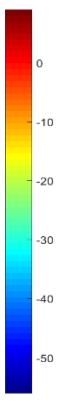
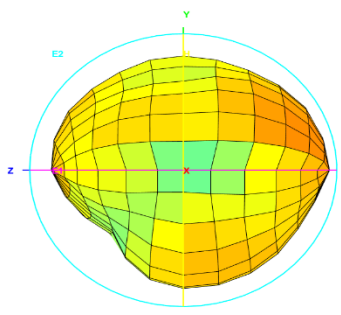
Total_3D_Top View_824MHz



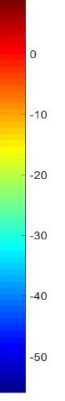
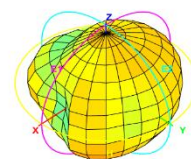
Total_3D_Front View_824MHz



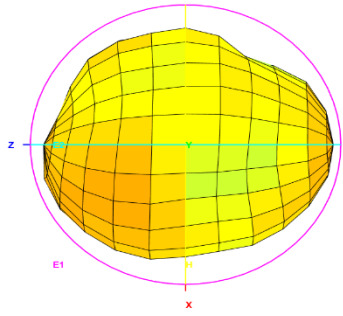
Total_3D_Left View_824MHz



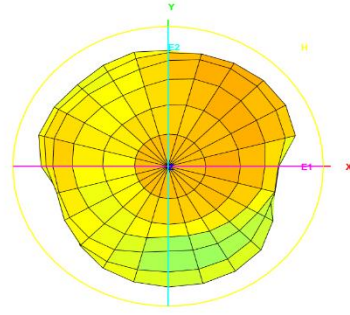
Total_3D_Side View 1_824MHz



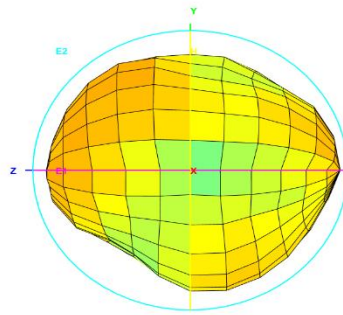
Total_3D_Top View_960MHz



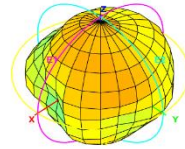
Total_3D_Front View_960MHz



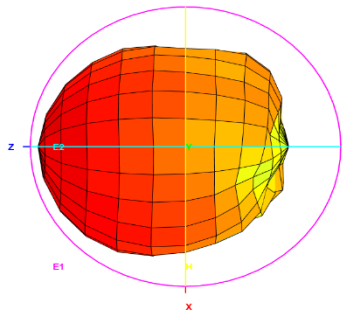
Total_3D_Left View_960MHz



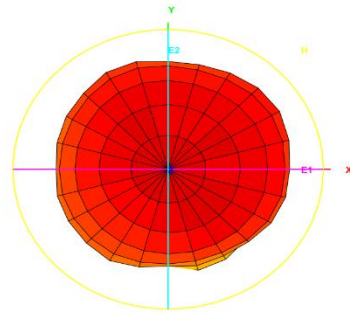
Total_3D_Side View 1_960MHz



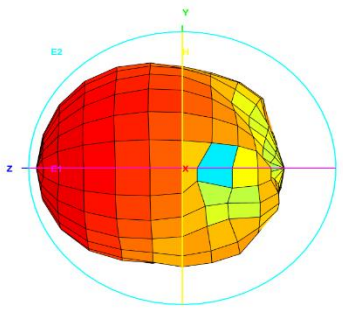
Total_3D_Top View_1.71GHz



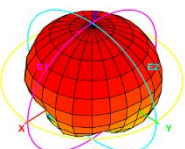
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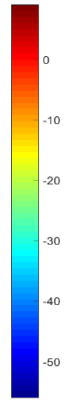
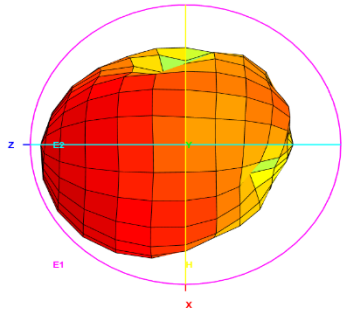
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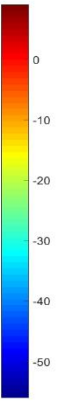
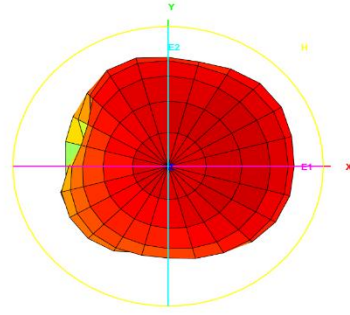
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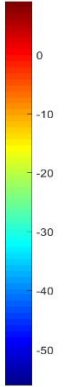
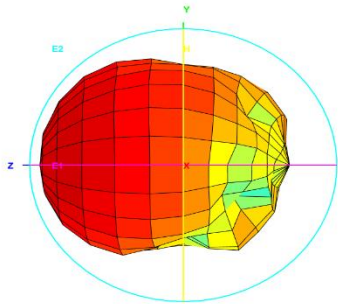
Total_3D_Top View_1.88GHz



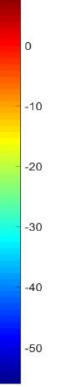
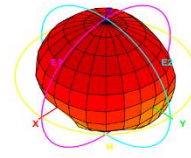
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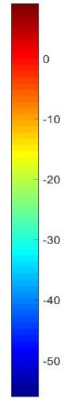
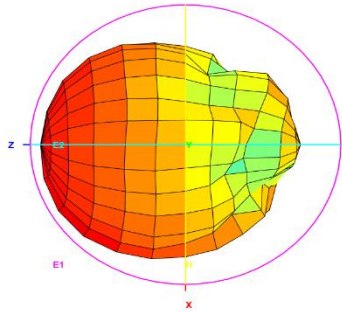
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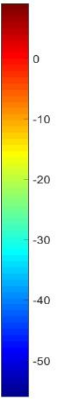
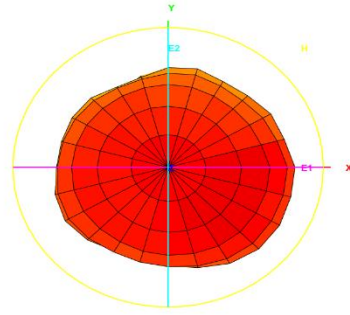
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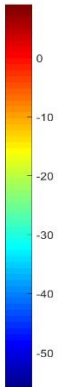
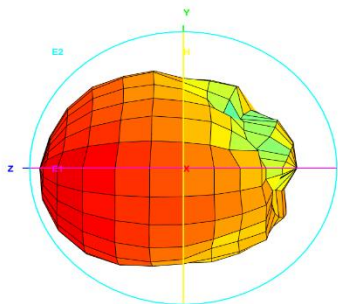
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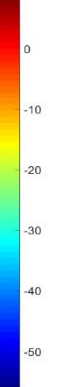
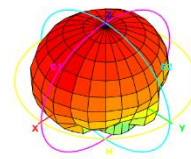
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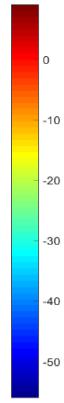
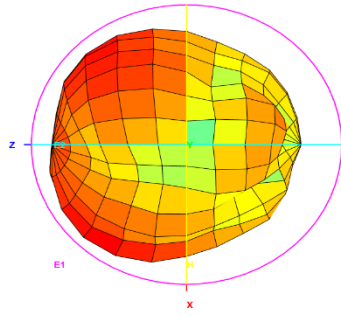
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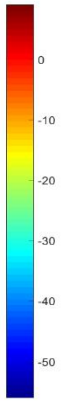
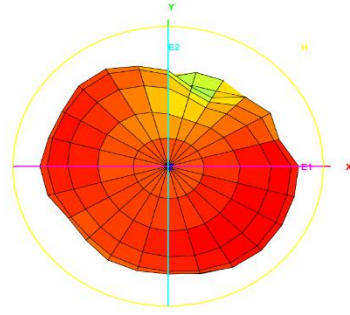
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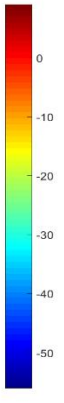
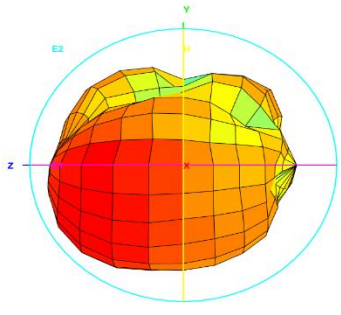
Total_3D_Top View_2.6GHz



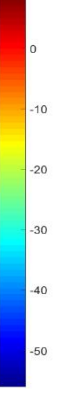
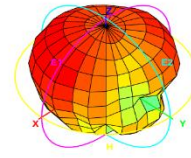
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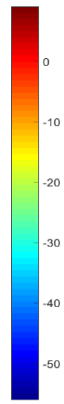
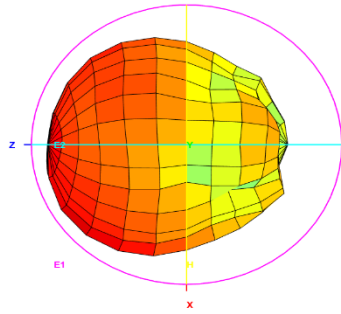
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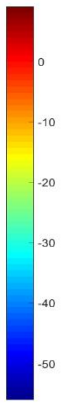
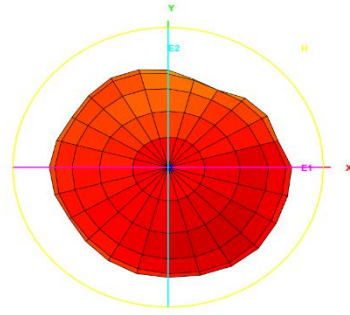
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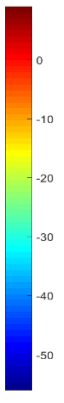
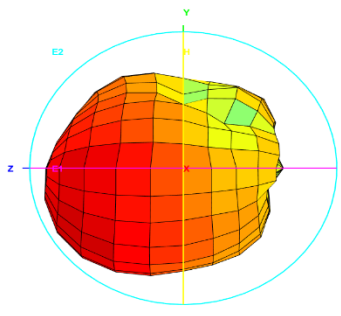
Total_3D_Top View_2.7GHz



Total_3D_Front View_2.7GHz



Total_3D_Left View_2.7GHz



Total_3D_Side View 1_2.7GHz

