



CHINMORE INDUSTRY CO.,LTD

Specification

1. Mag Mount Antenna for 4G/LTE
 2. *Chinmore's* No: AA-C05MT44SMA-561
 3. Frequency: 700~960 MHz/ 1700~2700 MHz
 4. VSWR: 2.8:1
 5. Gain: 0~3 dBi
 6. Impedance: 50 Ω
 7. Connector: SMA (M) ST
 8. Cable: RG-174 2500mm
 9. Base's No.: C05A

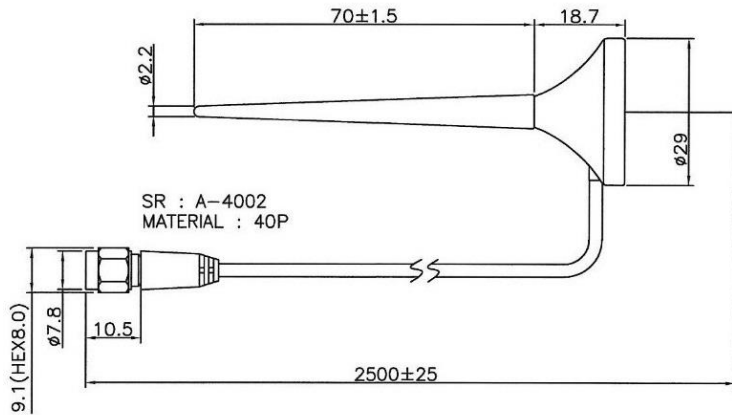
 10. Base's dimension: $\text{\O}29\text{mm} * 18.7\text{mm}$
 11. Antenna's No.: MT44
 12. Antenna's dimension: L=70mm
- ✘RoHS Compliant*
- ✘ISO 9001 & ISO 14001*

Cable	RG174/U
OD	∅2.7±0.15mm
Cover	Black (黒)
SMA M	Gold (鍍金)

Frequency	700~960MHz 1700~2700MHz
Impedance	50Ω
V.S.W.R	2.8:1
Gain	0~3dB

ROHS

ISO 9001
ISO 14001

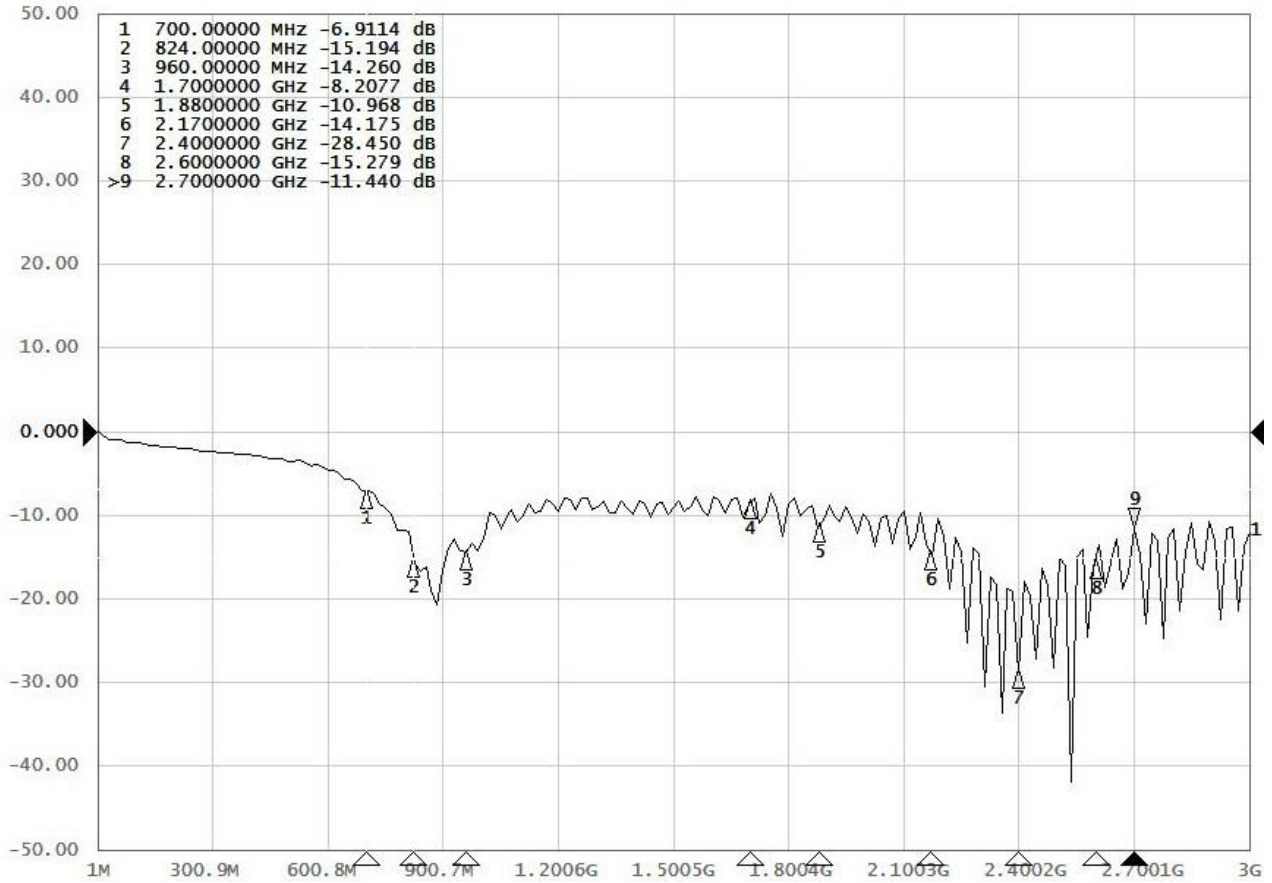


Material:		Treatment:		竣茂工業有限公司 Chinmore Industry CO .LTD			
Drawer	Design	Aprov	Tolerance	Unit: mm		TITLE	C05A+MT44+174U+SMA M
103.12.3		103.12.4	X=±0.5 .X=±0.2 .XX=±0.1 .XXX=±0.05	Ver: A	Scale 1:1	Model NO	
Part NO	AA-C05MT44SMA-561	File NO:	QR0402	Drawing NO	100-23005-0330		

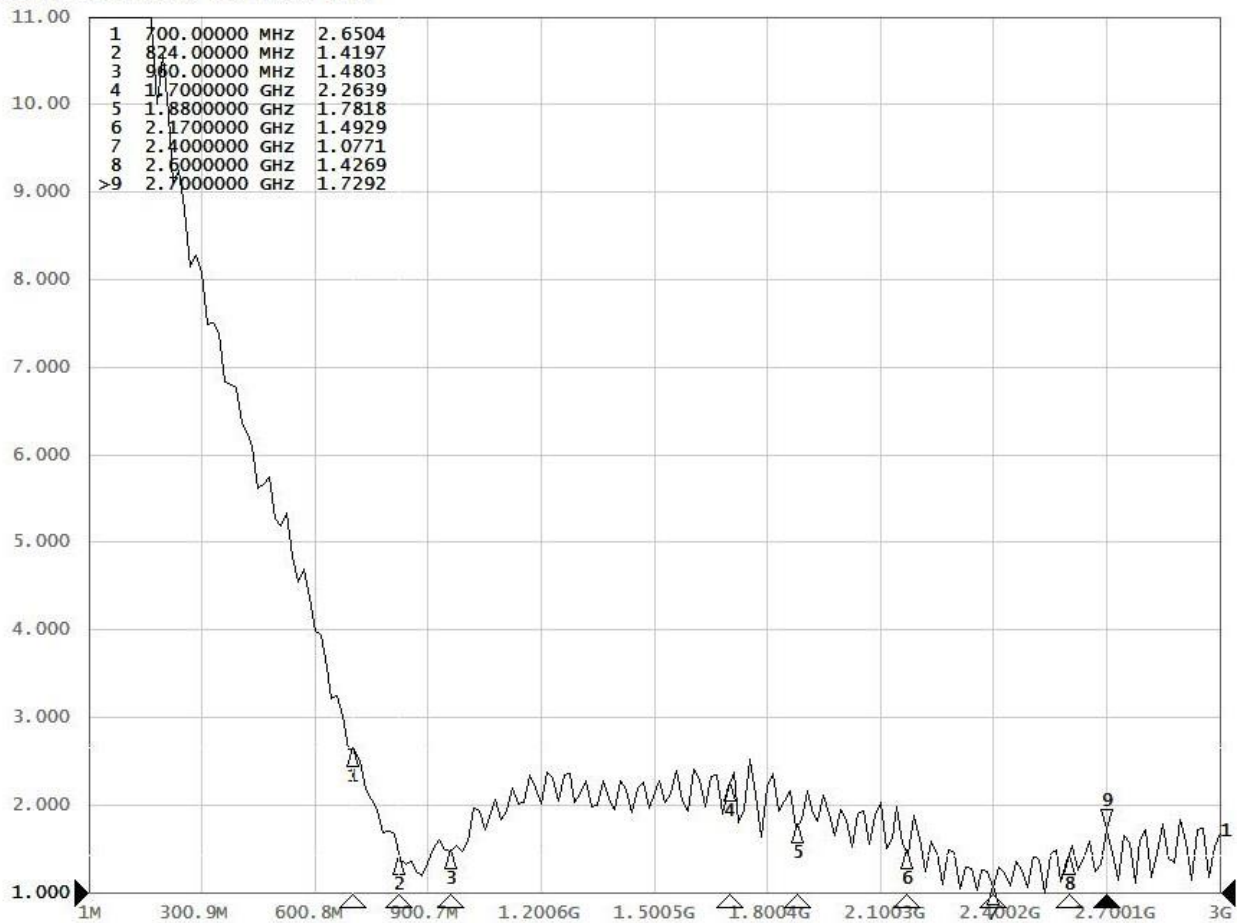
Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	GAIN (dB)
700	-6.91	2.65	35.81	-2.29
824	-15.19	1.41	67.45	0
960	-14.26	1.48	65.31	0.17
1700	-8.20	2.26	64.12	2.28
1880	-10.96	1.78	62.52	2.19
2170	-14.17	1.49	50.23	0.63
2400	-28.45	1.07	92.68	4.89
2600	-15.27	1.42	69.34	4.83
2700	-11.44	1.72	71.45	4.99

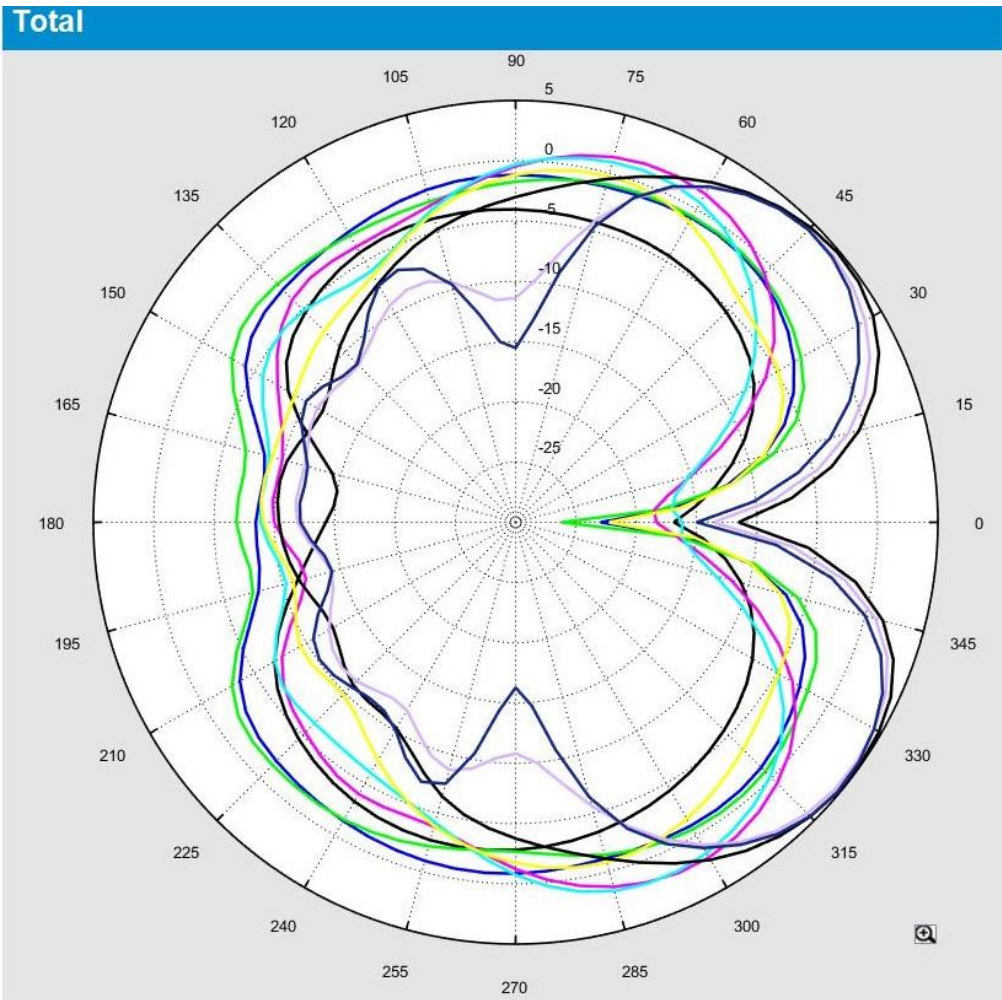
Test Data

Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [RO]

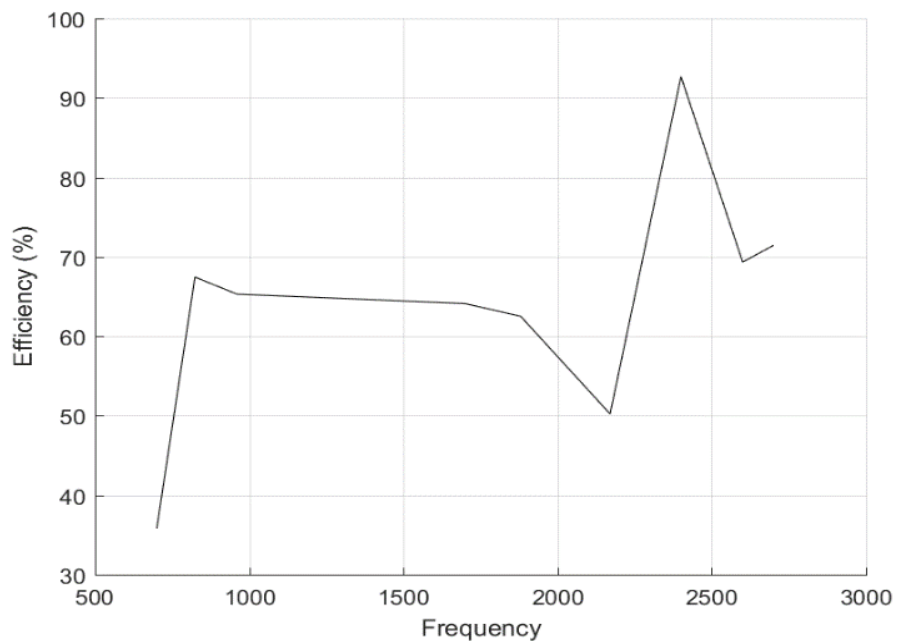


Tr1 S11 SWR 1.000/ Ref 1.000 [RO]

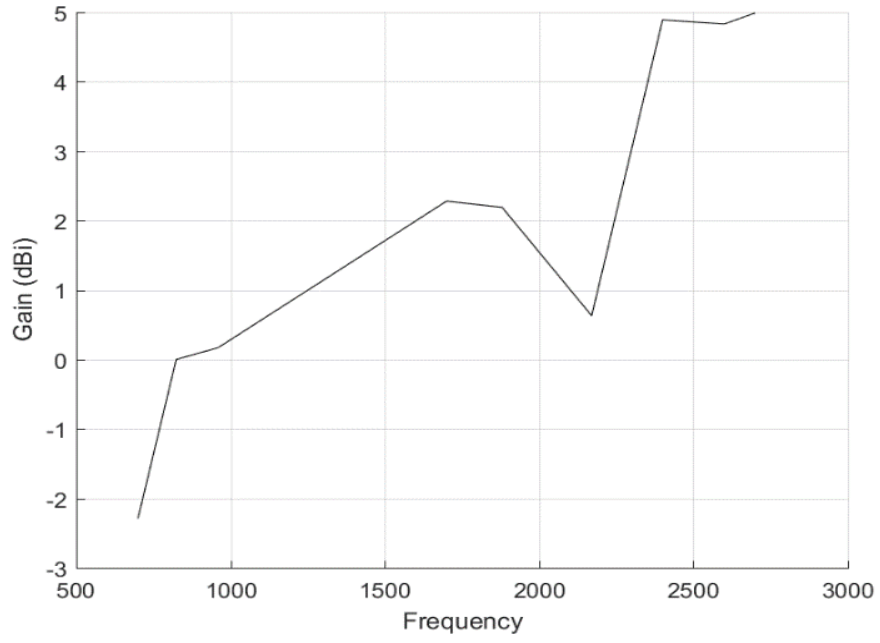




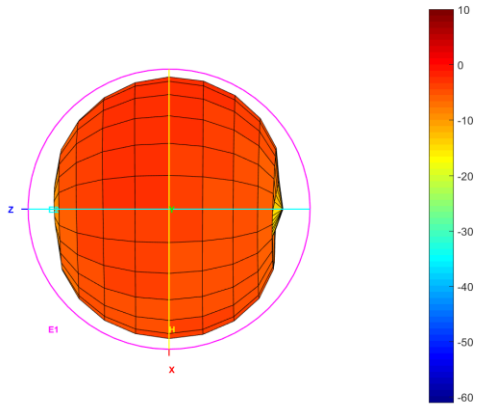
Total_Efficiency (%)



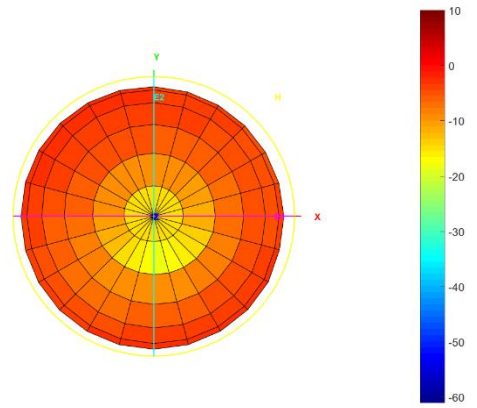
Total_Gain (dBi)



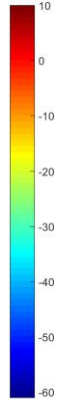
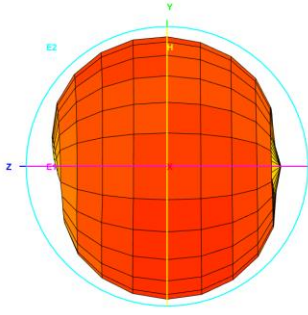
Total_3D_Top View_700MHz



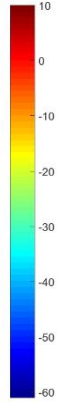
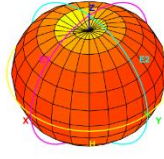
Total_3D_Front View_700MHz



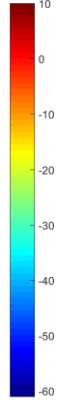
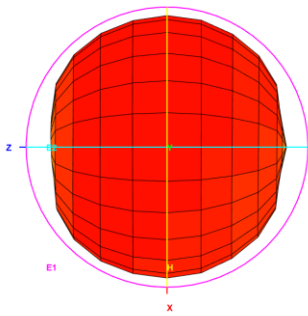
Total_3D_Left View_700MHz



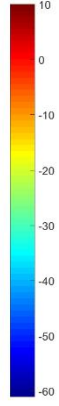
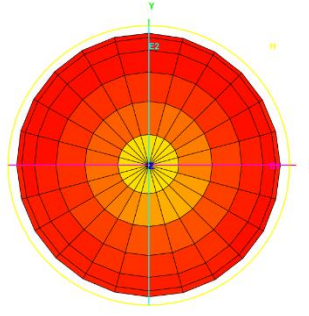
Total_3D_Side View 1_700MHz



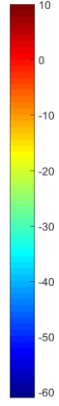
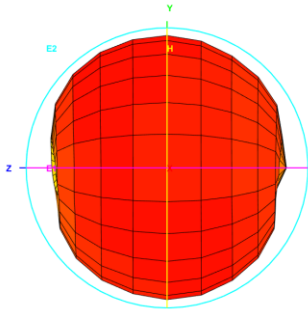
Total_3D_Top View_824MHz



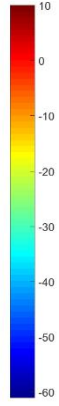
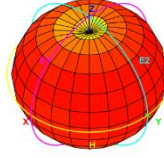
Total_3D_Front View_824MHz



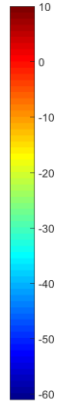
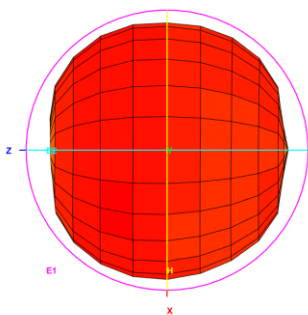
Total_3D_Left View_824MHz



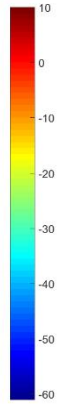
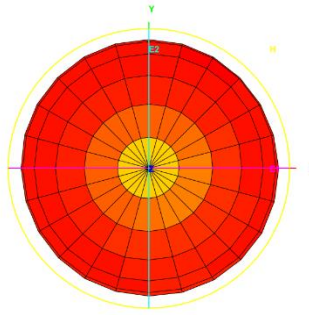
Total_3D_Side View 1_824MHz



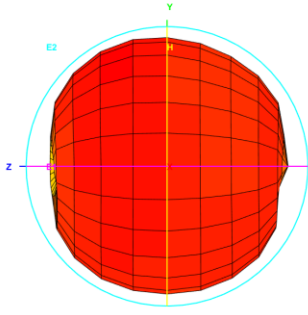
Total_3D_Top View_960MHz



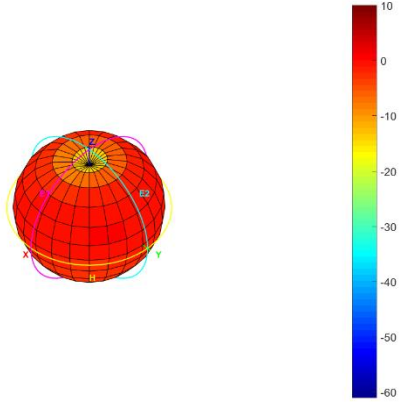
Total_3D_Front View_960MHz



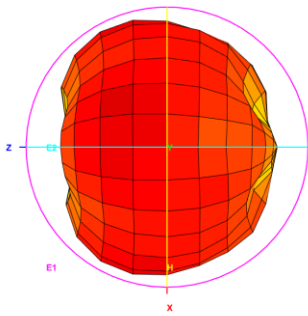
Total_3D_Left View_960MHz



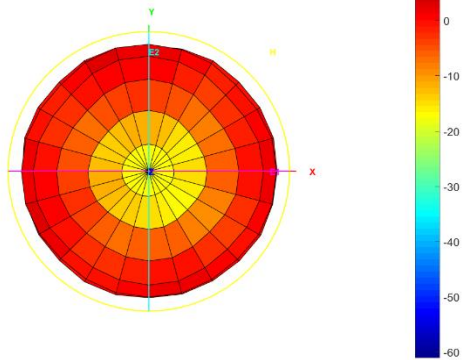
Total_3D_Side View 1_960MHz



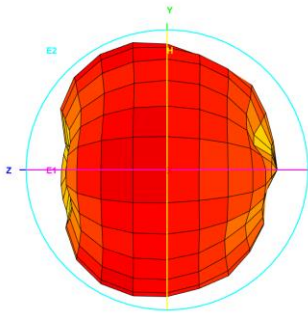
Total_3D_Top View_1.7GHz



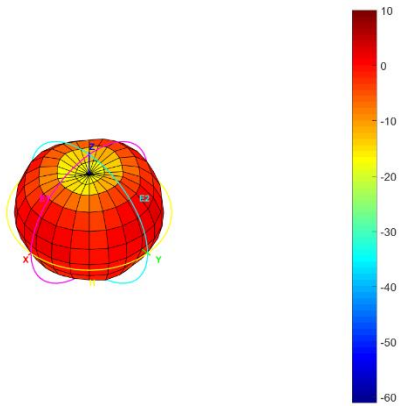
Total_3D_Front View_1.7GHz



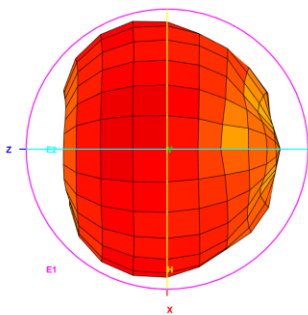
Total_3D_Left View_1.7GHz



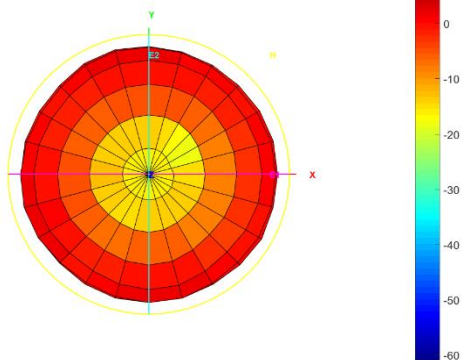
Total_3D_Side View 1_1.7GHz



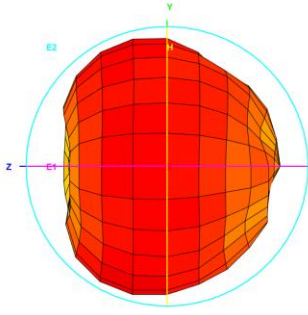
Total_3D_Top View_1.88GHz



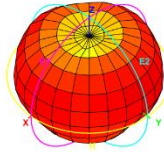
Total_3D_Front View_1.88GHz



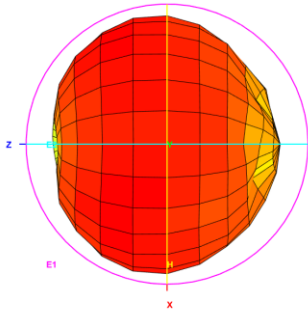
Total_3D_Left View_1.88GHz



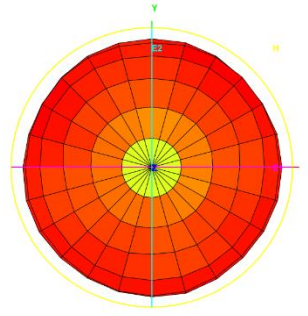
Total_3D_Side View 1_1.88GHz



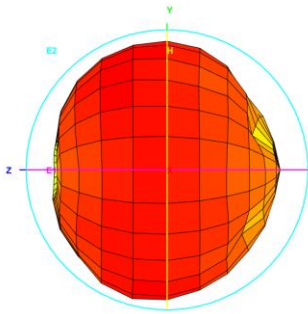
Total_3D_Top View_2.17GHz



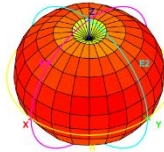
Total_3D_Front View_2.17GHz



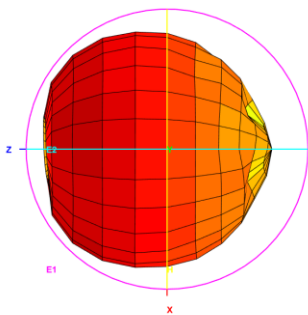
Total_3D_Left View_2.17GHz



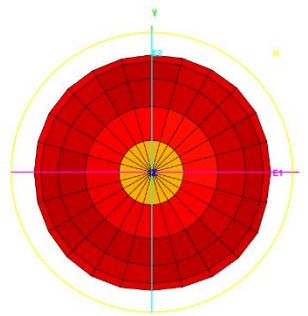
Total_3D_Side View 1_2.17GHz



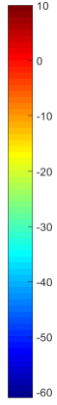
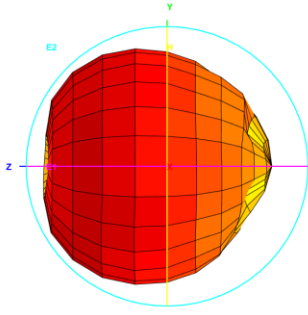
Total_3D_Top View_2.4GHz



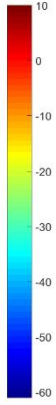
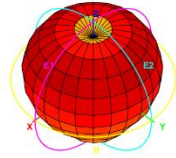
Total_3D_Front View_2.4GHz



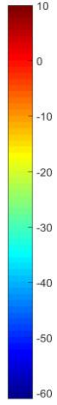
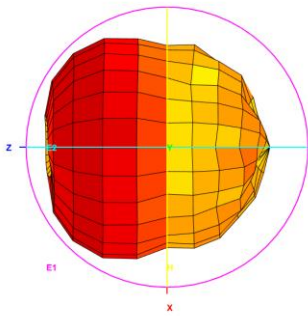
Total_3D_Left View_2.4GHz



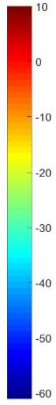
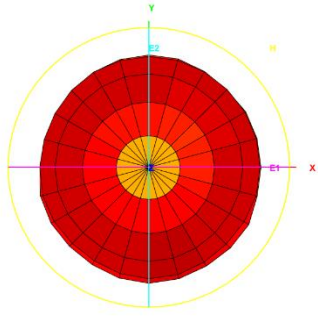
Total_3D_Side View 1_2.4GHz



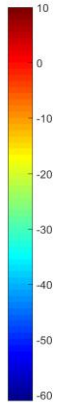
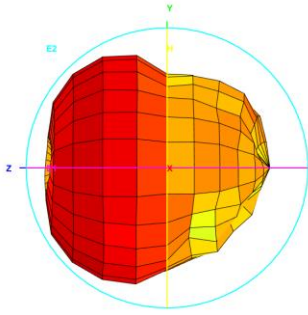
Total_3D_Top View_2.6GHz



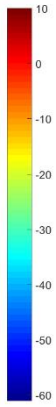
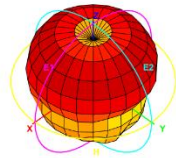
Total_3D_Front View_2.6GHz



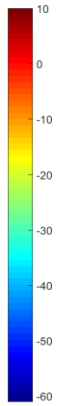
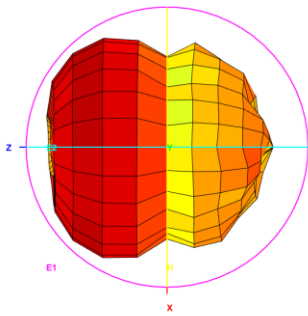
Total_3D_Left View_2.6GHz



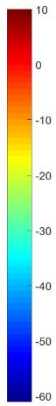
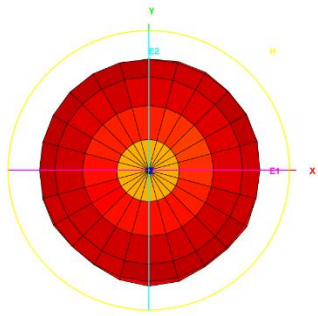
Total_3D_Side View 1_2.6GHz



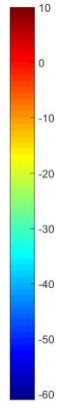
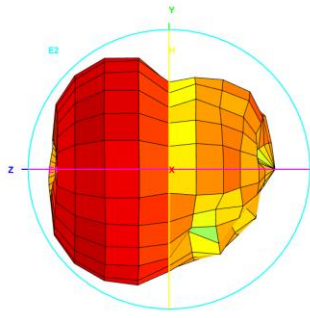
Total_3D_Top View_2.7GHz



Total_3D_Front View_2.7GHz



Total_3D_Left View_2.7GHz



Total_3D_Side View 1_2.7GHz

