



CHINMORE INDUSTRY CO.,LTD

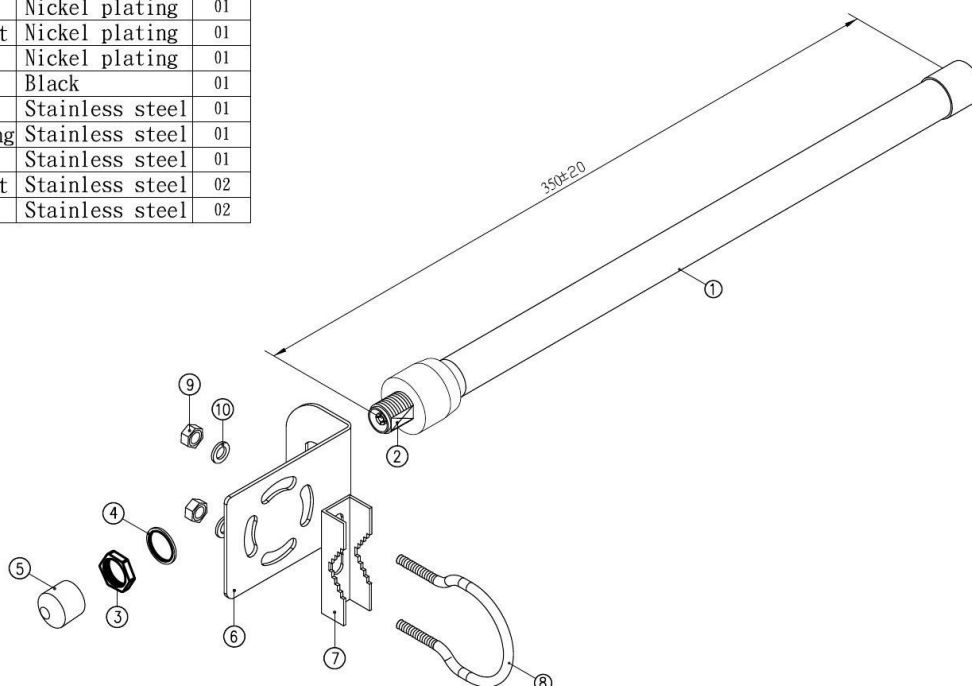
## Specification

1. Omni Antenna for 4G/LTE
2. Chinmore's No: EM-YG17F5ANT-635
3. Frequency: 690~960/1710~2170/2400~2700 MHz
4. Connector: N F

✂RoHS Compliant

✂ISO 9001 & ISO 14001

| NO. | NAME           | FINISH          | Q, TY |
|-----|----------------|-----------------|-------|
| 01  | Body           | White           | 01    |
| 02  | N(Female)      | Nickel plating  | 01    |
| 03  | Hexagonal nut  | Nickel plating  | 01    |
| 04  | Washer         | Nickel plating  | 01    |
| 05  | Cap            | Black           | 01    |
| 06  | L-Holder       | Stainless steel | 01    |
| 07  | Clip retaining | Stainless steel | 01    |
| 08  | U-Circlip      | Stainless steel | 01    |
| 09  | Hexagonal nut  | Stainless steel | 02    |
| 10  | Washer         | Stainless steel | 02    |



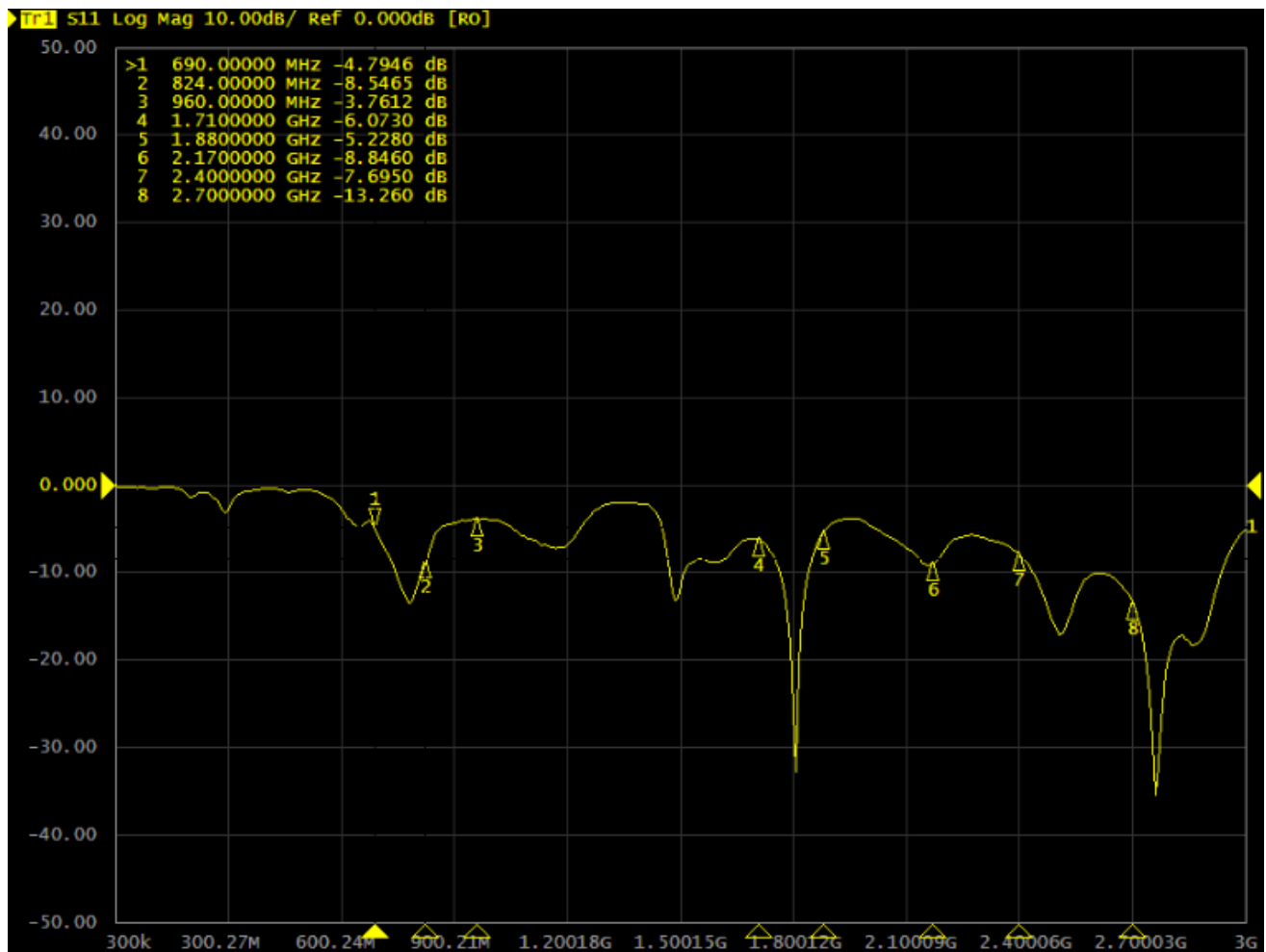
FREQUENCY: 690~960/1710~2170/2400~2700MHz

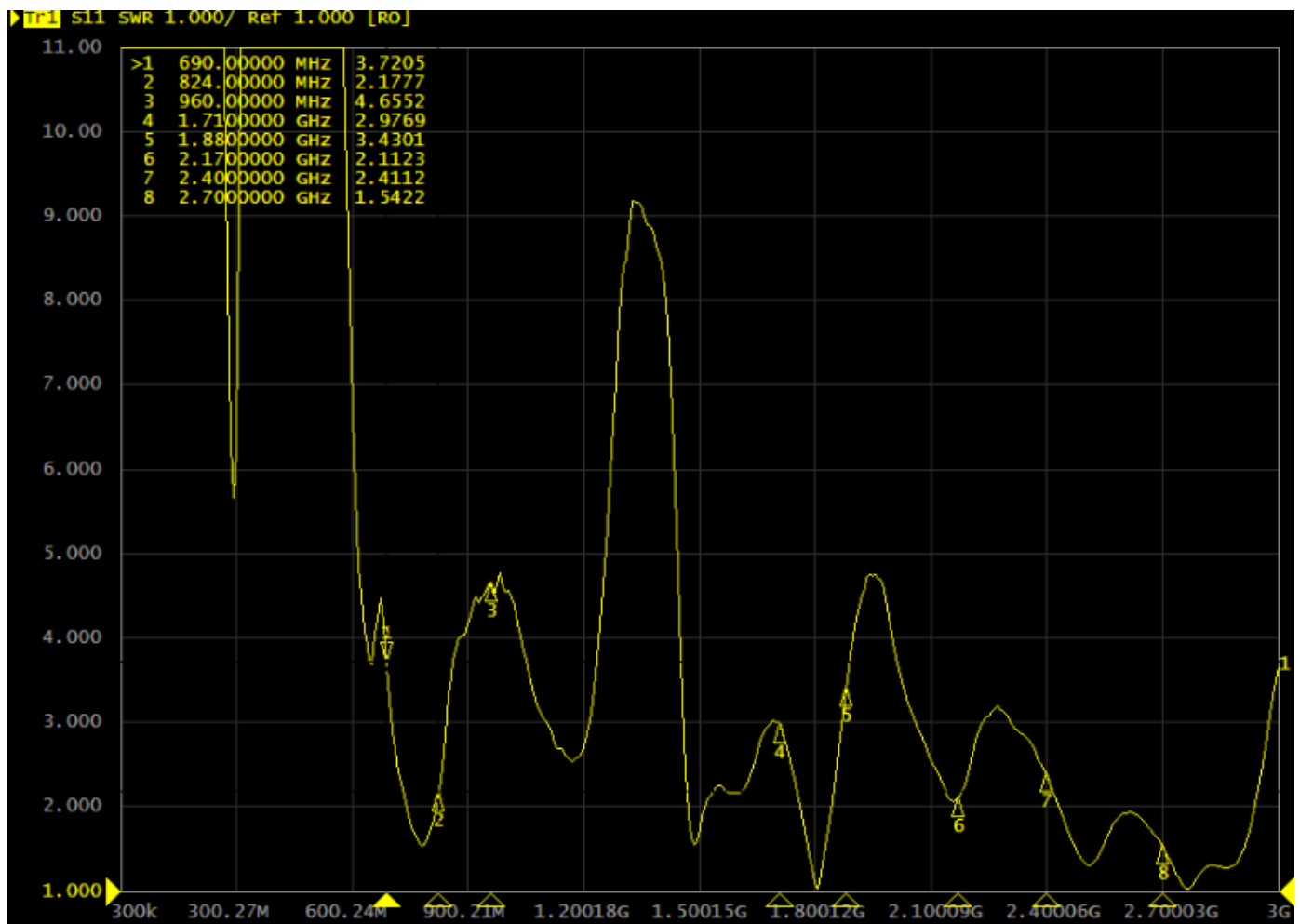
PARTS NUMBER EM-YG17F5ANT-635

|                            |                   |            |              |           |          |         |          |          |
|----------------------------|-------------------|------------|--------------|-----------|----------|---------|----------|----------|
| <br>Third angle projection | CUSTOMER'S        | MODEL      | PARTS NUMBER | FREQUENCY | UNIT     | SCALE   | DATE     | VERSION  |
|                            |                   |            |              |           | M/M      |         | 20200320 | 1        |
| <br>表面粗糙度                  | TOLERANCE         | X. XX±0.15 | NAME         |           | APPROVED | CHECKED | DRAWING  | DESIGNED |
|                            | SURFACE ROUGHNESS | S          | APPEARANCE   | YG-17F-5  |          |         |          |          |

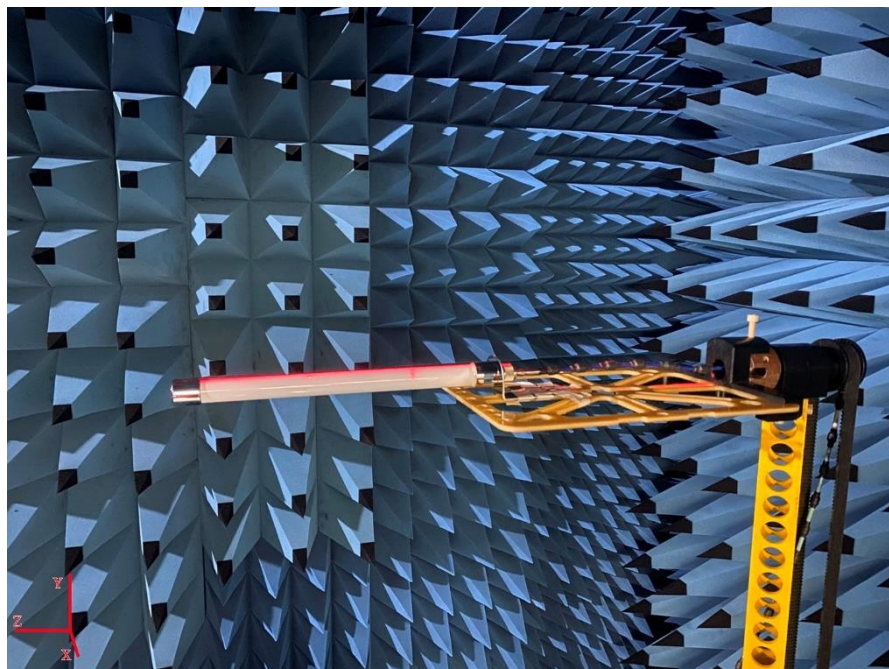
| Frequency (MHz) | Return Loss (dB) | VSWR | Efficiency (%) | Gain (dB) |
|-----------------|------------------|------|----------------|-----------|
| 690 MHz         | -4.79            | 3.72 | 67.61          | 1.16      |
| 824 MHz         | -8.54            | 2.17 | 66.22          | 1.63      |
| 960 MHz         | -3.76            | 4.65 | 55.72          | 2.14      |
| 1710 MHz        | -6.07            | 2.97 | 47.42          | 2.04      |
| 1880 MHz        | -5.22            | 3.43 | 60.12          | 2.19      |
| 2170 MHz        | -8.84            | 2.11 | 68.87          | 2.14      |
| 2400 MHz        | -7.69            | 2.41 | 70.96          | 3.2       |
| 2700 MHz        | -13.26           | 1.54 | 90.99          | 4.79      |

### Test Report (Return Loss & VSWR)



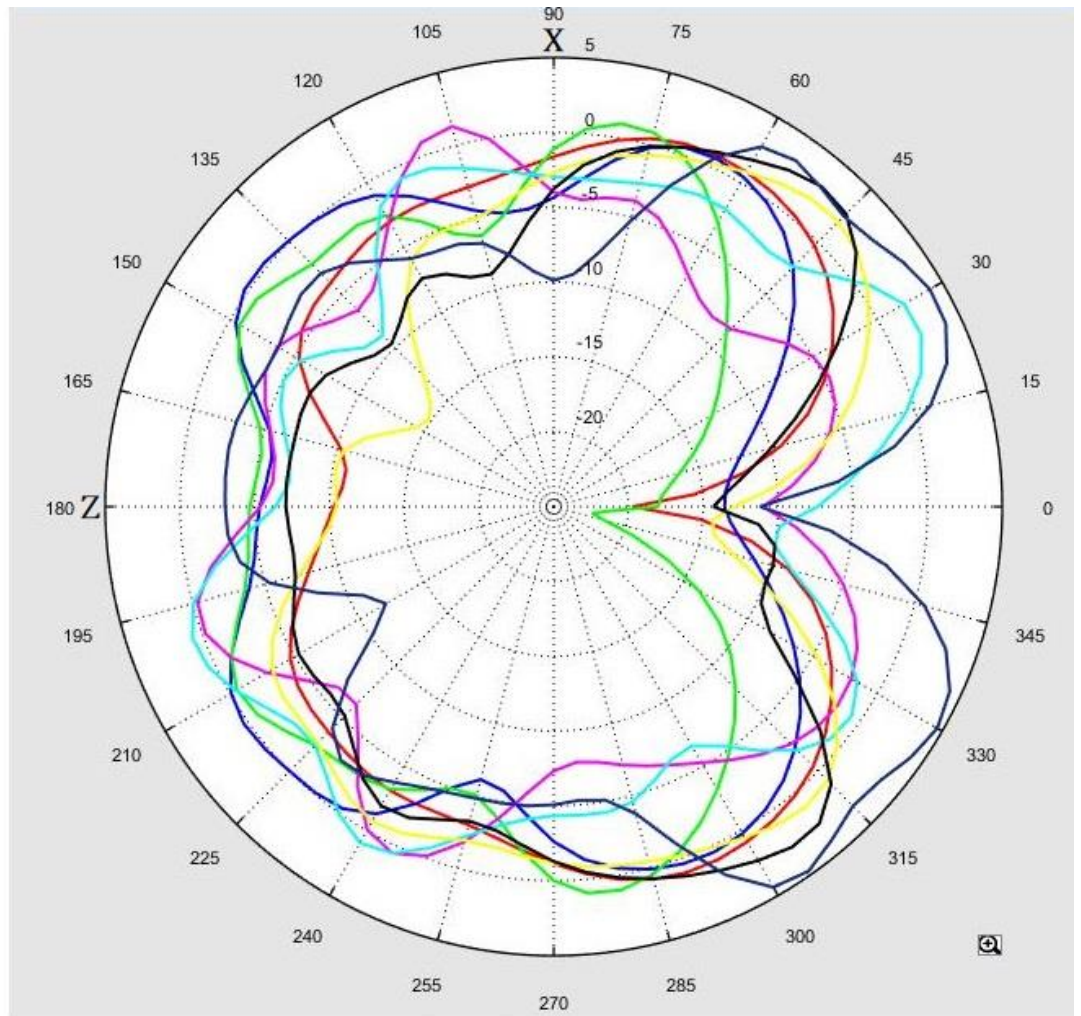


3D Test Photo

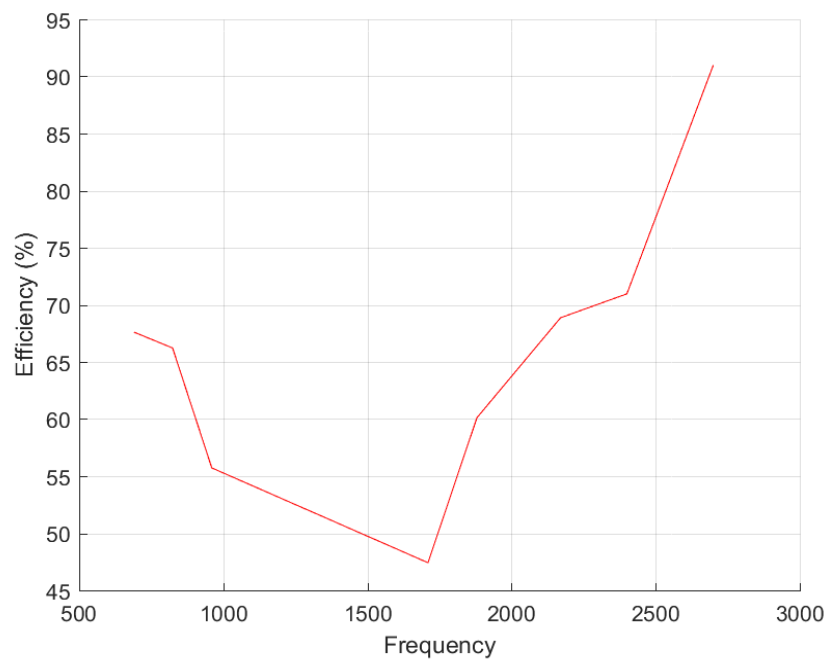


### 3D Test Data

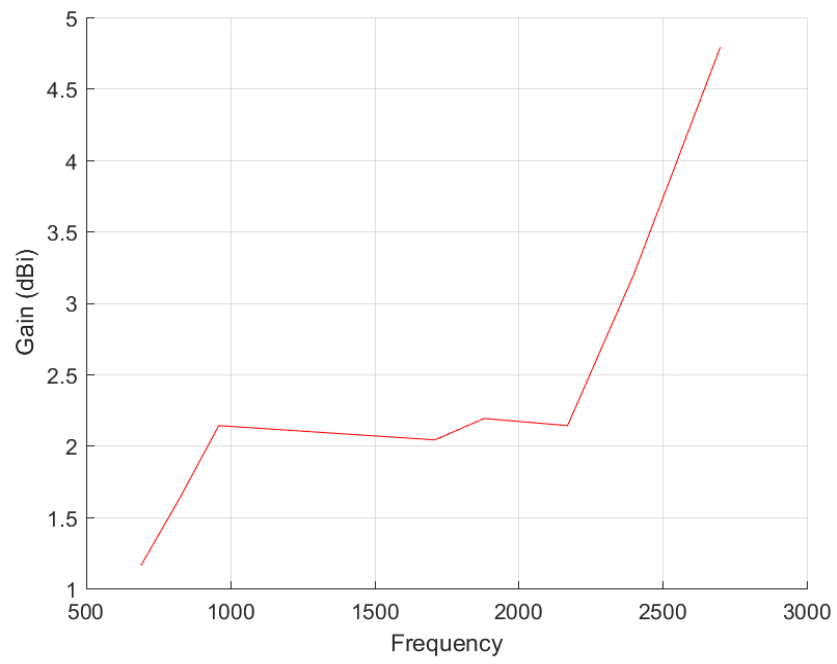
| Freq. / Chan. | Color      |
|---------------|------------|
| 690MHz        | 000        |
| 824MHz        | 0000       |
| 960MHz        | 00000      |
| 1.71GHz       | 000000     |
| 1.88GHz       | 0000000    |
| 2.17GHz       | 00000000   |
| 2.4GHz        | 000000000  |
| 2.7GHz        | 0000000000 |



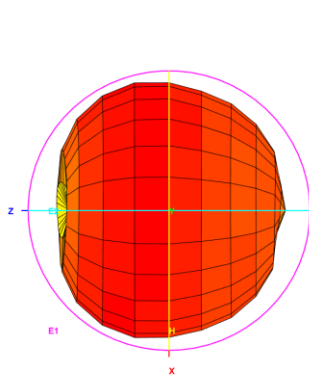
Total\_Efficiency (%)



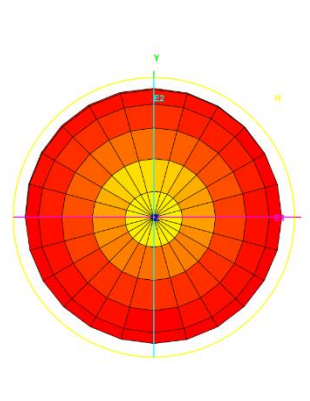
Total\_Gain (dBi)



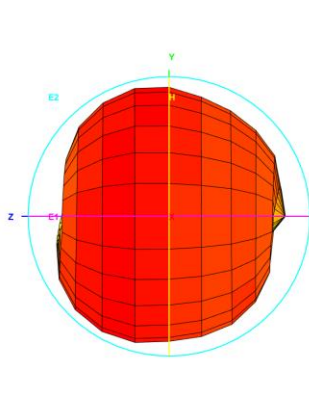
Total\_3D\_Top View\_690MHz



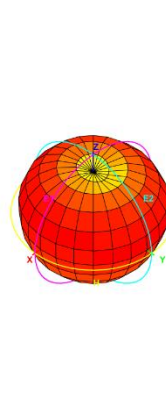
Total\_3D\_Front View\_690MHz



Total\_3D\_Left View\_690MHz

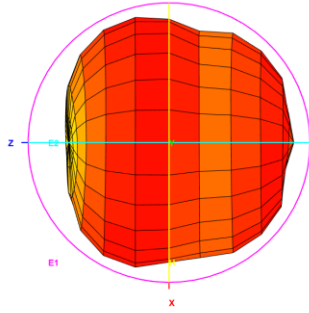


Total\_3D\_Side View 1\_690MHz

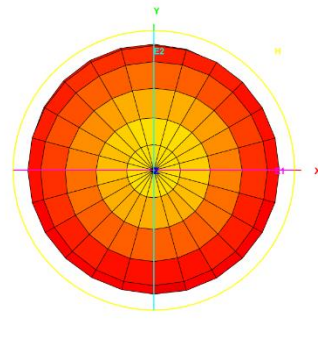




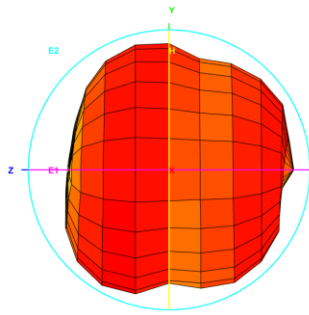
Total\_3D\_Top View\_824MHz



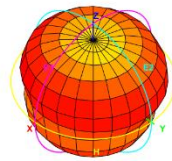
Total\_3D\_Front View\_824MHz



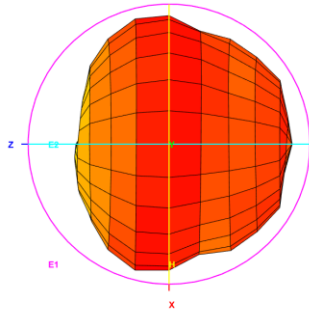
Total\_3D\_Left View\_824MHz



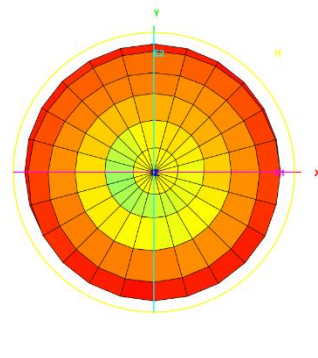
Total\_3D\_Side View 1\_824MHz



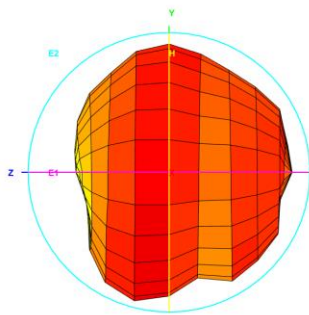
Total\_3D\_Top View\_960MHz



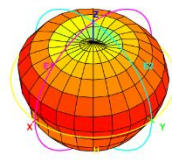
Total\_3D\_Front View\_960MHz



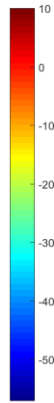
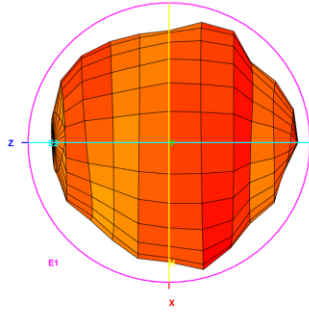
Total\_3D\_Left View\_960MHz



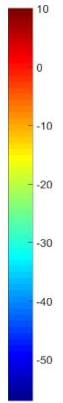
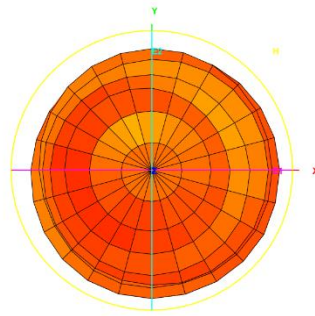
Total\_3D\_Side View 1\_960MHz



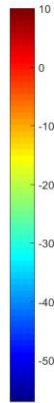
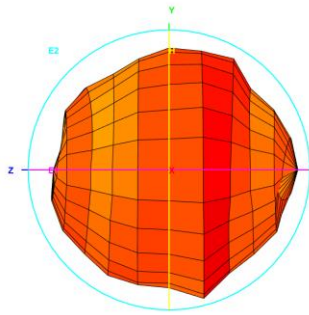
Total\_3D\_Top View\_1.71GHz



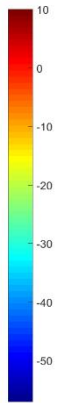
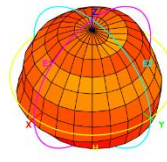
Total\_3D\_Front View\_1.71GHz



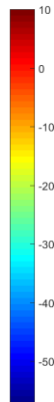
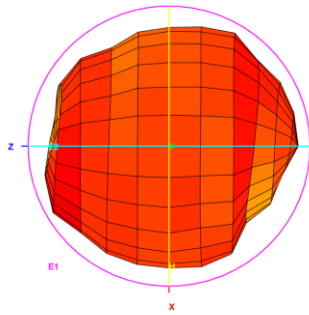
Total\_3D\_Left View\_1.71GHz



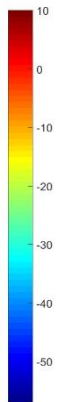
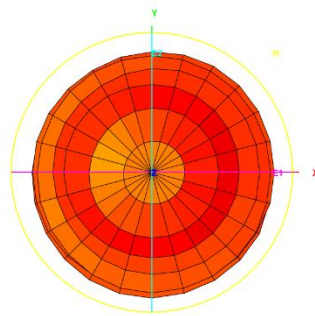
Total\_3D\_Side View\_1.71GHz



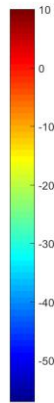
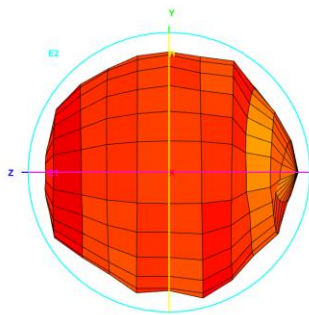
Total\_3D\_Top View\_1.88GHz



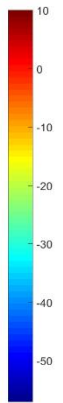
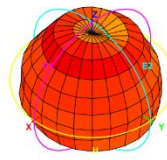
Total\_3D\_Front View\_1.88GHz



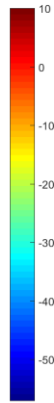
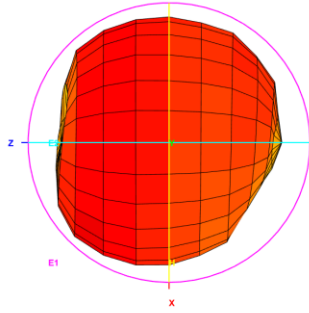
Total\_3D\_Left View\_1.88GHz



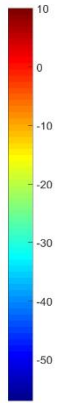
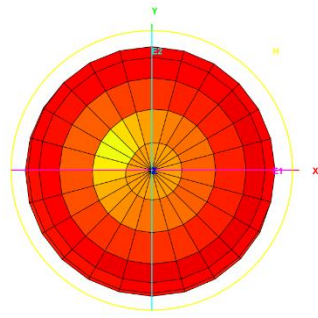
Total\_3D\_Side View\_1.88GHz



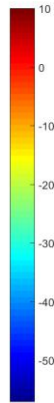
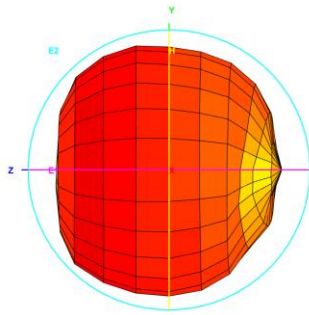
Total\_3D\_Top View\_2.17GHz



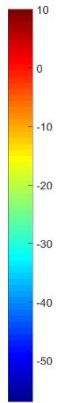
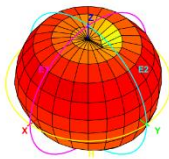
Total\_3D\_Front View\_2.17GHz



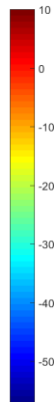
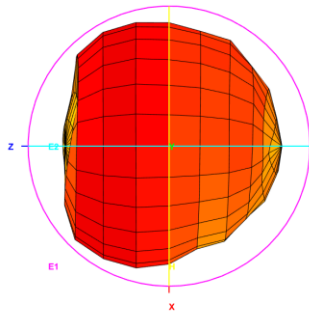
Total\_3D\_Left View\_2.17GHz



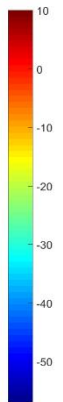
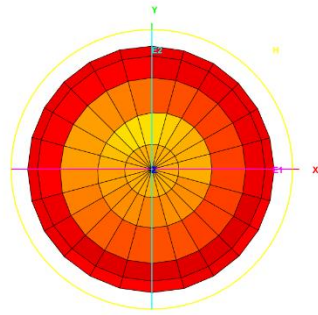
Total\_3D\_Side View 1\_2.17GHz



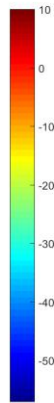
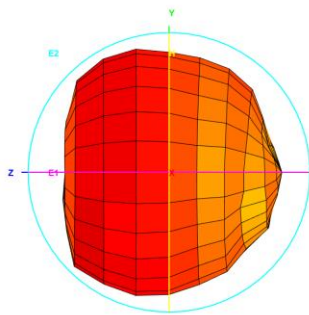
Total\_3D\_Top View\_2.4GHz



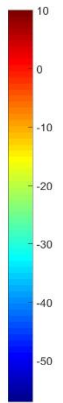
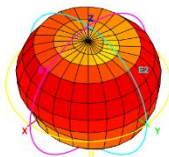
Total\_3D\_Front View\_2.4GHz



Total\_3D\_Left View\_2.4GHz

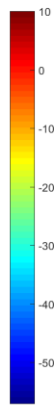
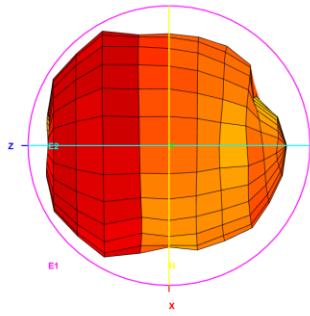


Total\_3D\_Side View 1\_2.4GHz

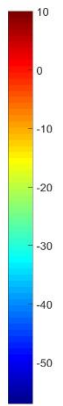
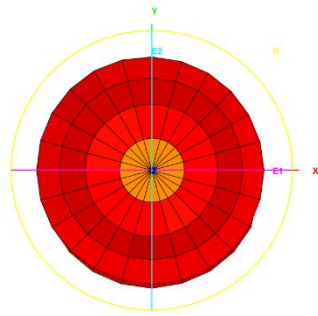




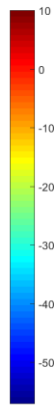
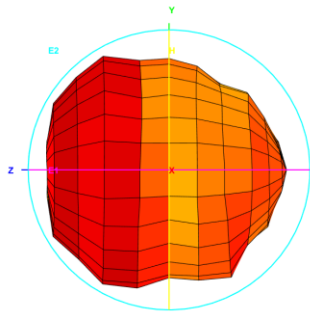
Total\_3D\_Top View\_2.7GHz



Total\_3D\_Front View\_2.7GHz



Total\_3D\_Left View\_2.7GHz



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

