

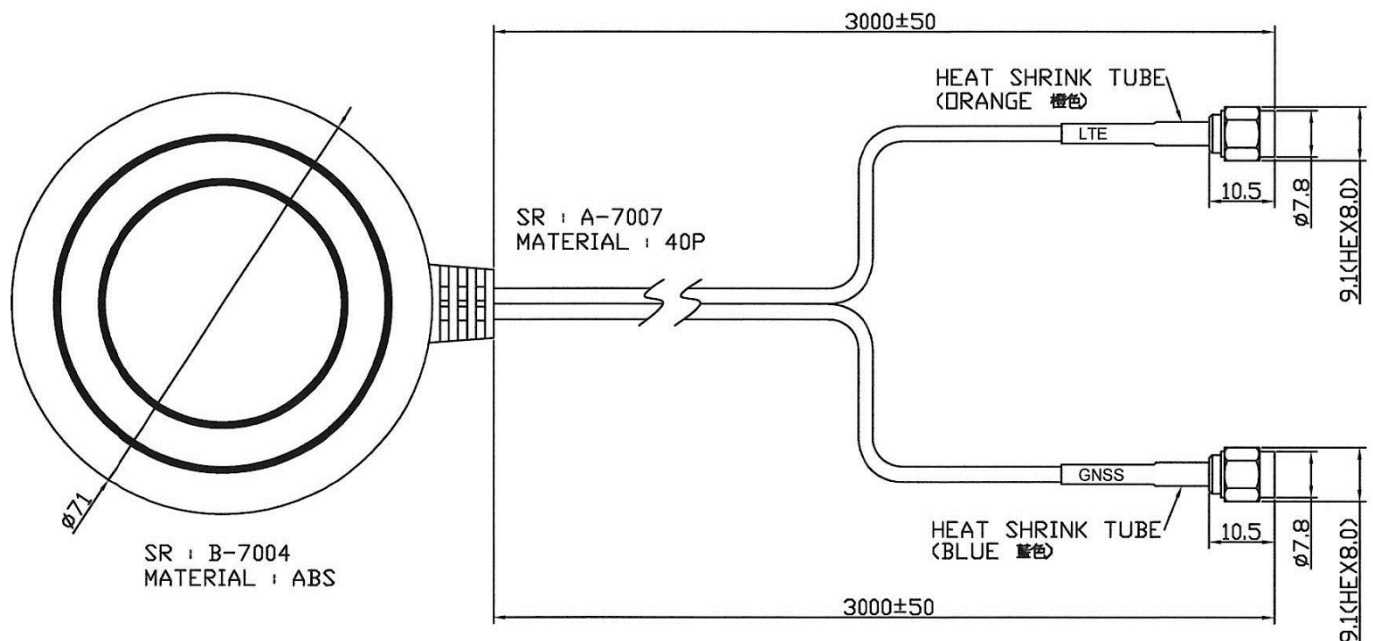


CHINMORE INDUSTRY CO.,LTD

*Specification*

1. Product Type: GPS/GNSS+LTE Antenna
2. *Chinmore* No: R40+RG174\*2+SMA M\*2
3. Frequency (GPS/GNSS): 1575.42 /1602MHz
4. Frequency (LTE): 700~2700 MHz
5. Cable: RG174U
6. Connector: SMA M for GPS/GNSS and LTE

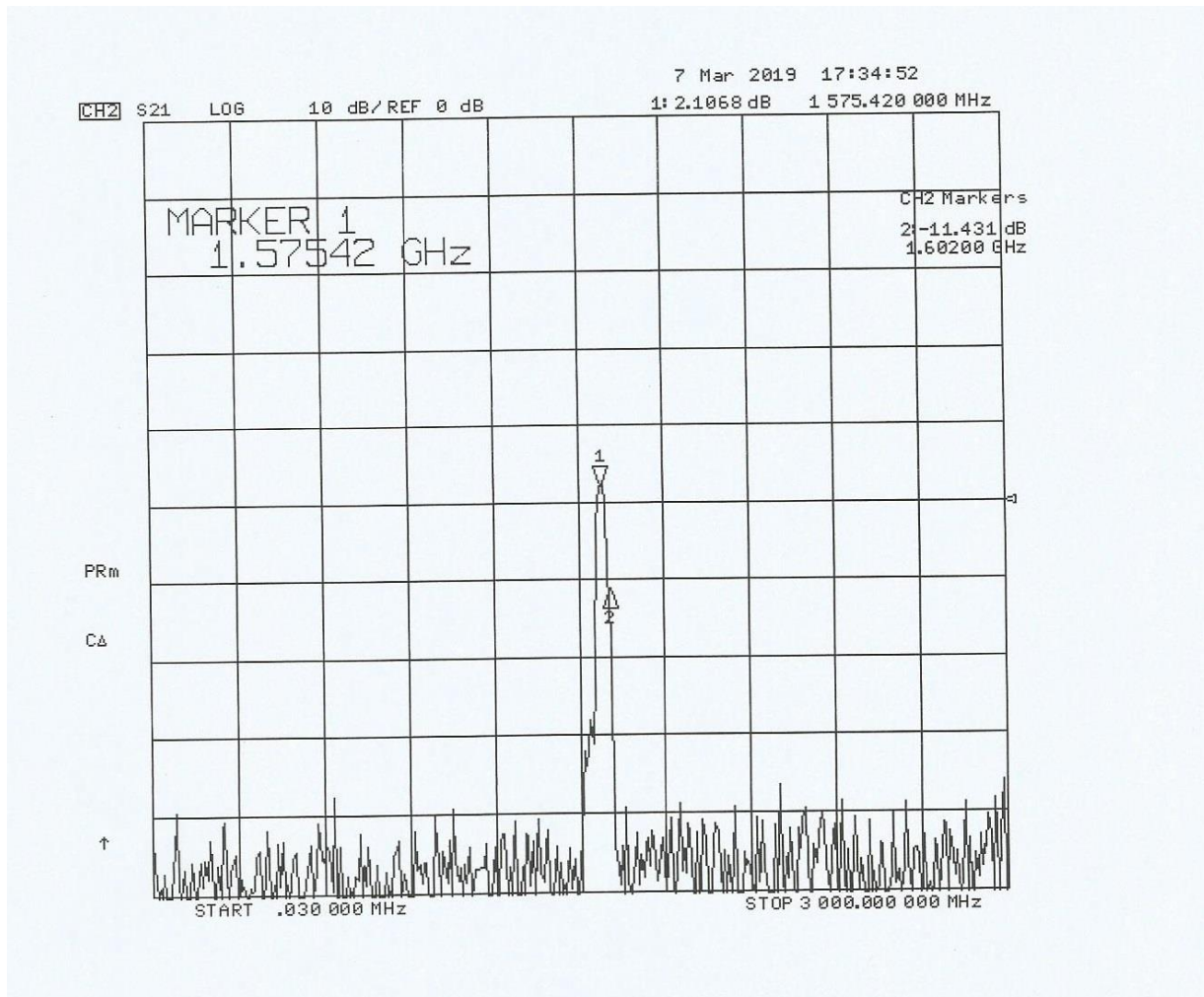
※RoHS Compliant

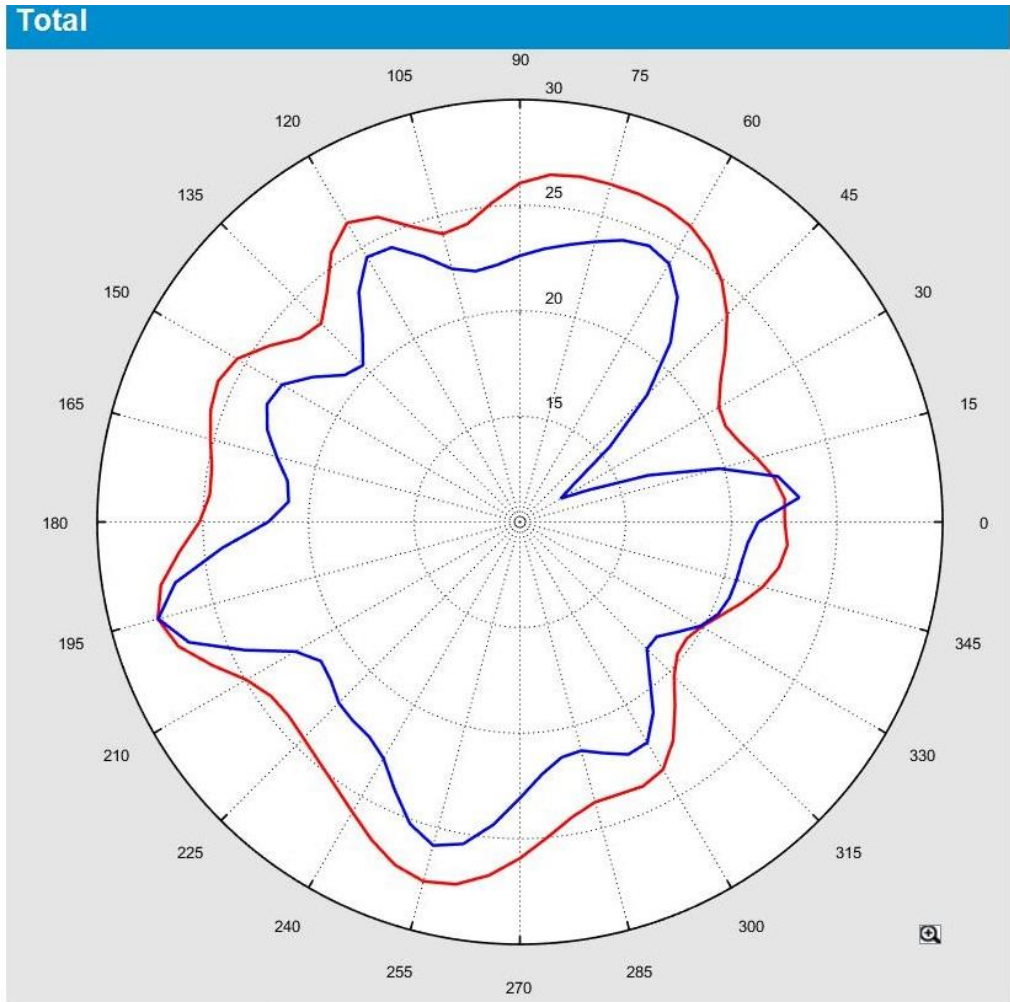


# ELECTRICAL

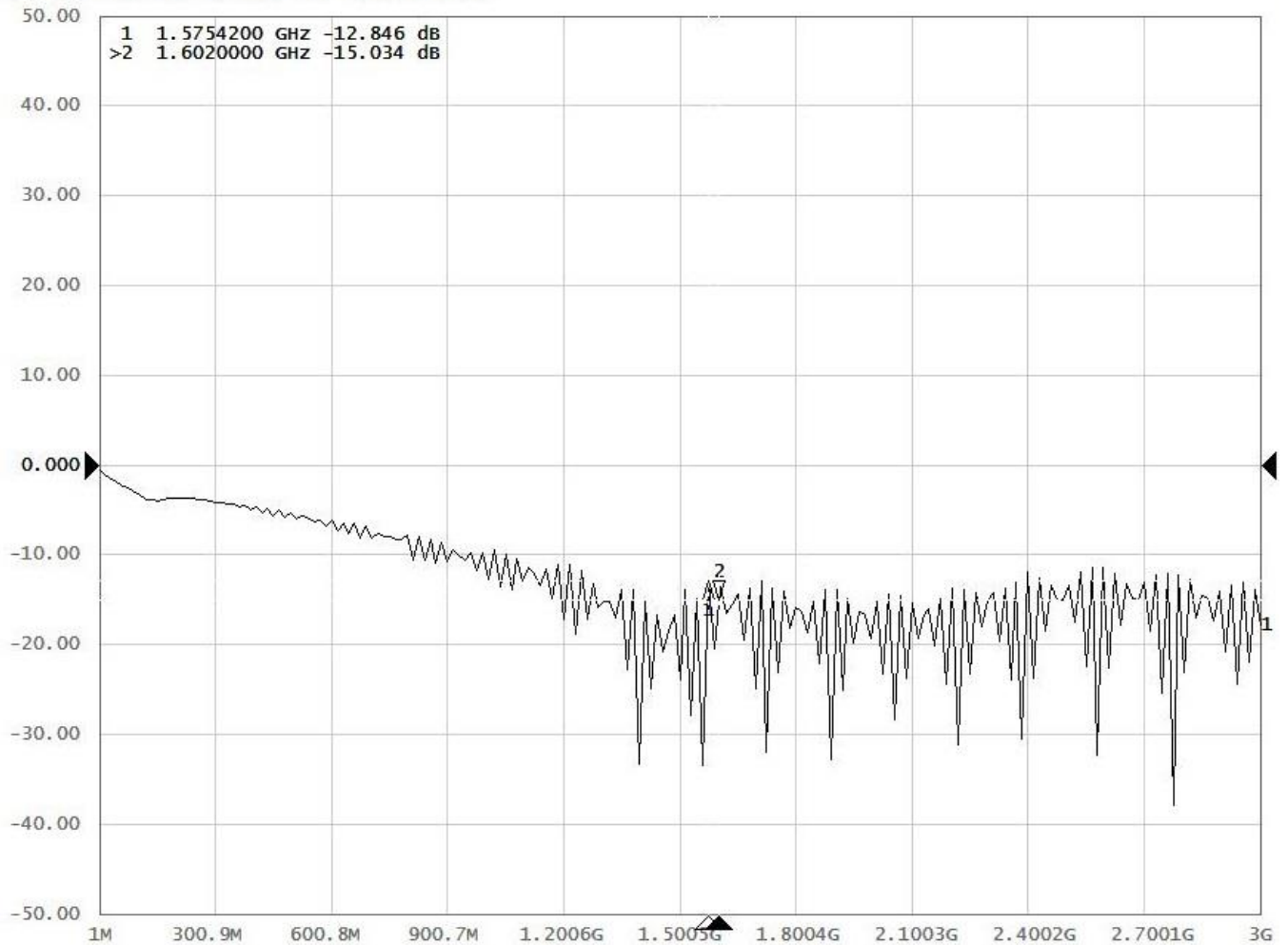
| Frequency (MHz) | Return Loss (dB) | VSWR | Efficiency (%) | Gain (dBi) |
|-----------------|------------------|------|----------------|------------|
| 1575.42(GPS)    | -12.84           | 1.59 | -----          | 29.32      |
| 1602(GLONASS)   | -15.03           | 1.46 | -----          | 27.76      |
| 700(LTE)        | -11.33           | 1.73 | 37.24          | -1.02      |
| 824             | -15.74           | 1.42 | 41.02          | 1.49       |
| 960             | -10.20           | 1.88 | 37.5           | 2.66       |
| 1710            | -26.15           | 1.11 | 81.47          | 5.17       |
| 1880            | -18.32           | 1.26 | 74.64          | 5.34       |
| 2170            | -18.84           | 1.28 | 49.2           | 3.69       |
| 2600            | -16.01           | 1.38 | 64.86          | 6.66       |
| 2700            | -22.03           | 1.17 | 77.27          | 6.75       |

## Test Data(GPS+GLONASS)

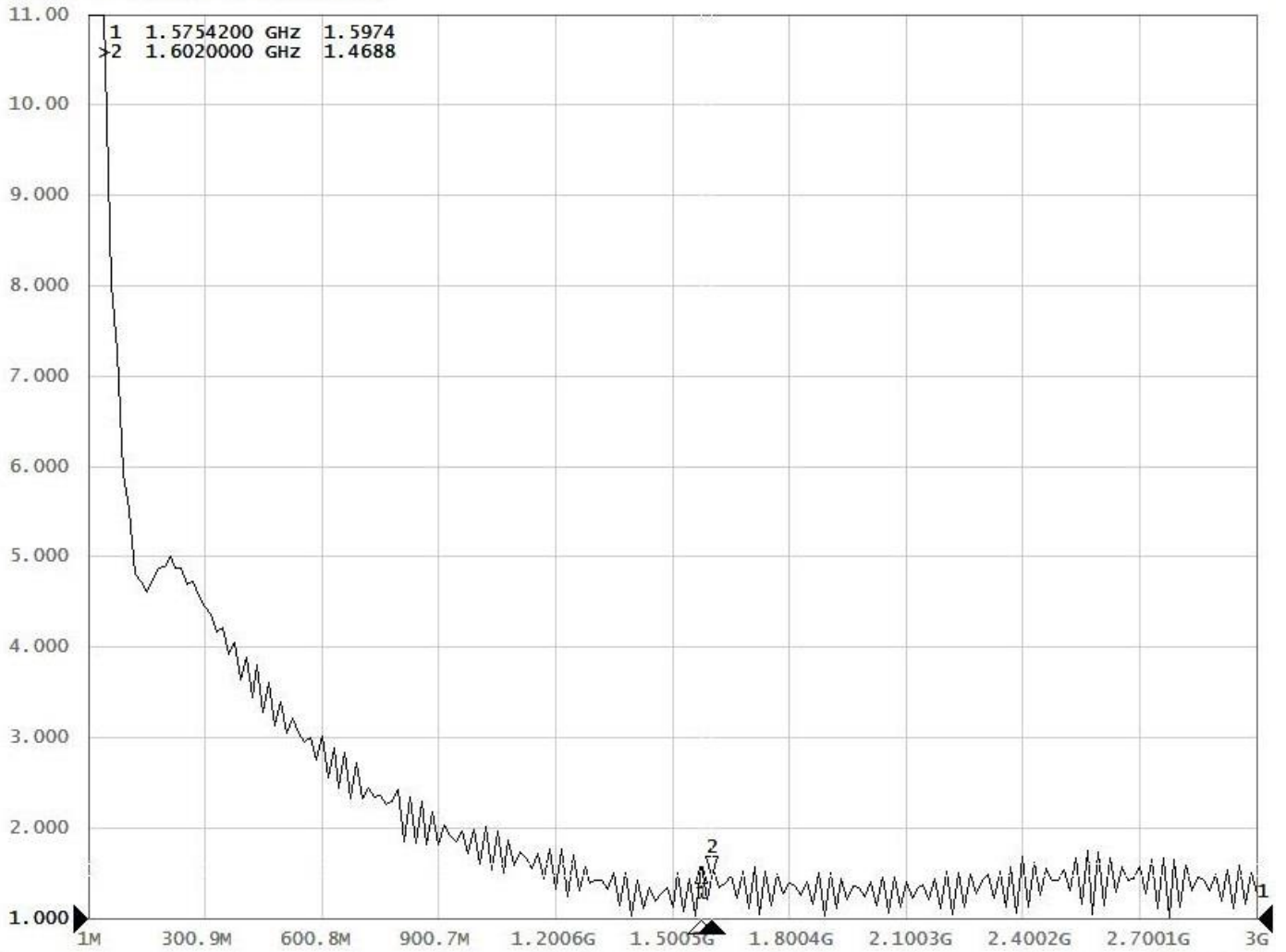




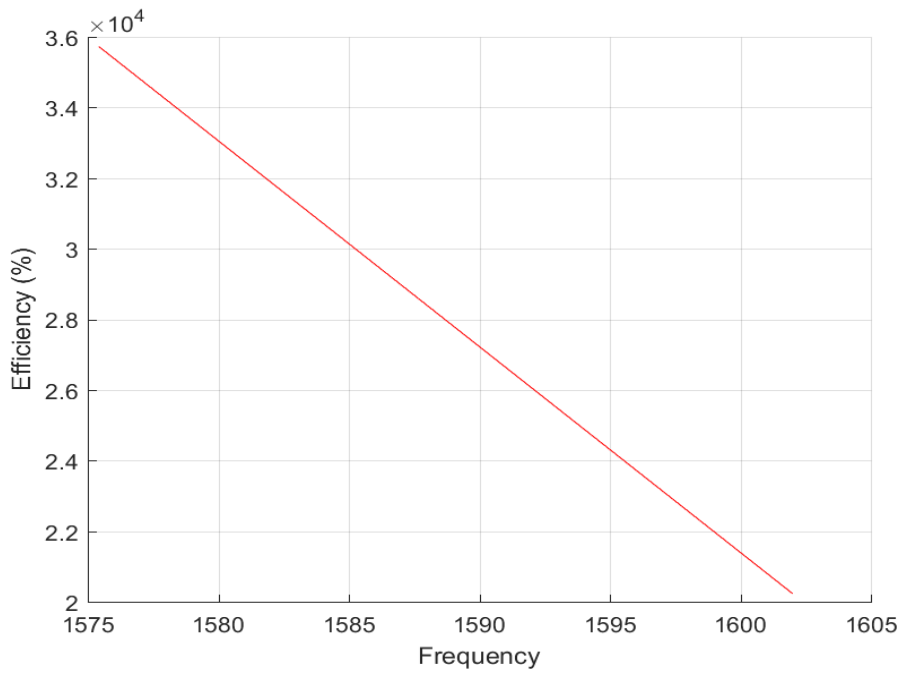
**TR1** S11 Log Mag 10.00dB/ Ref 0.000dB [R0]



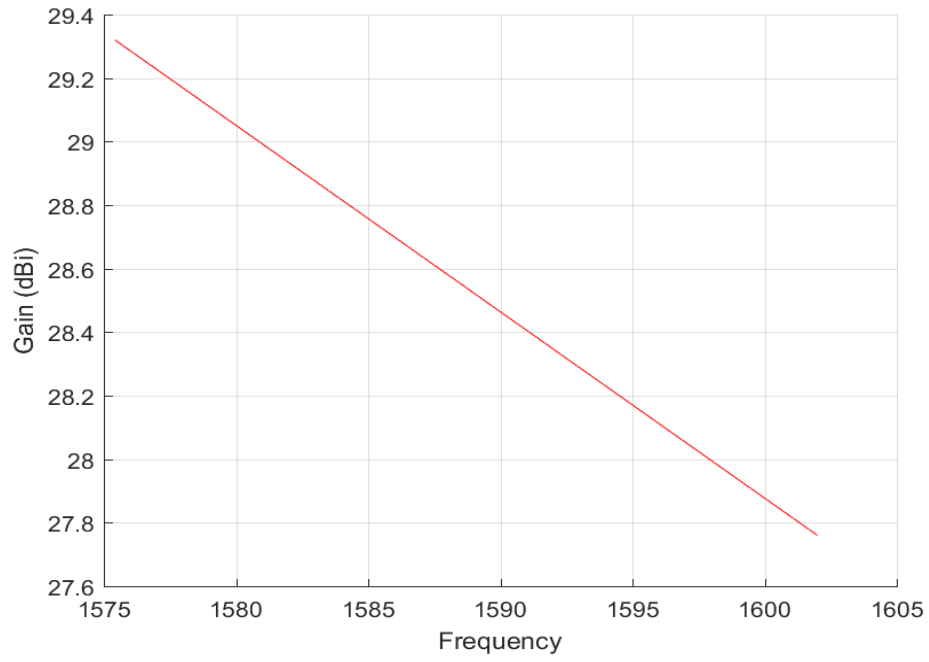
S11 SWR 1.000/ Ref 1.000 [RO]



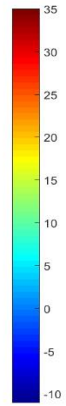
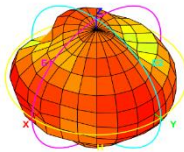
Total\_Efficiency (%)



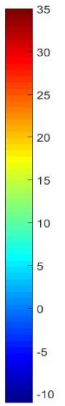
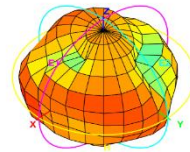
# Total\_Gain (dBi)



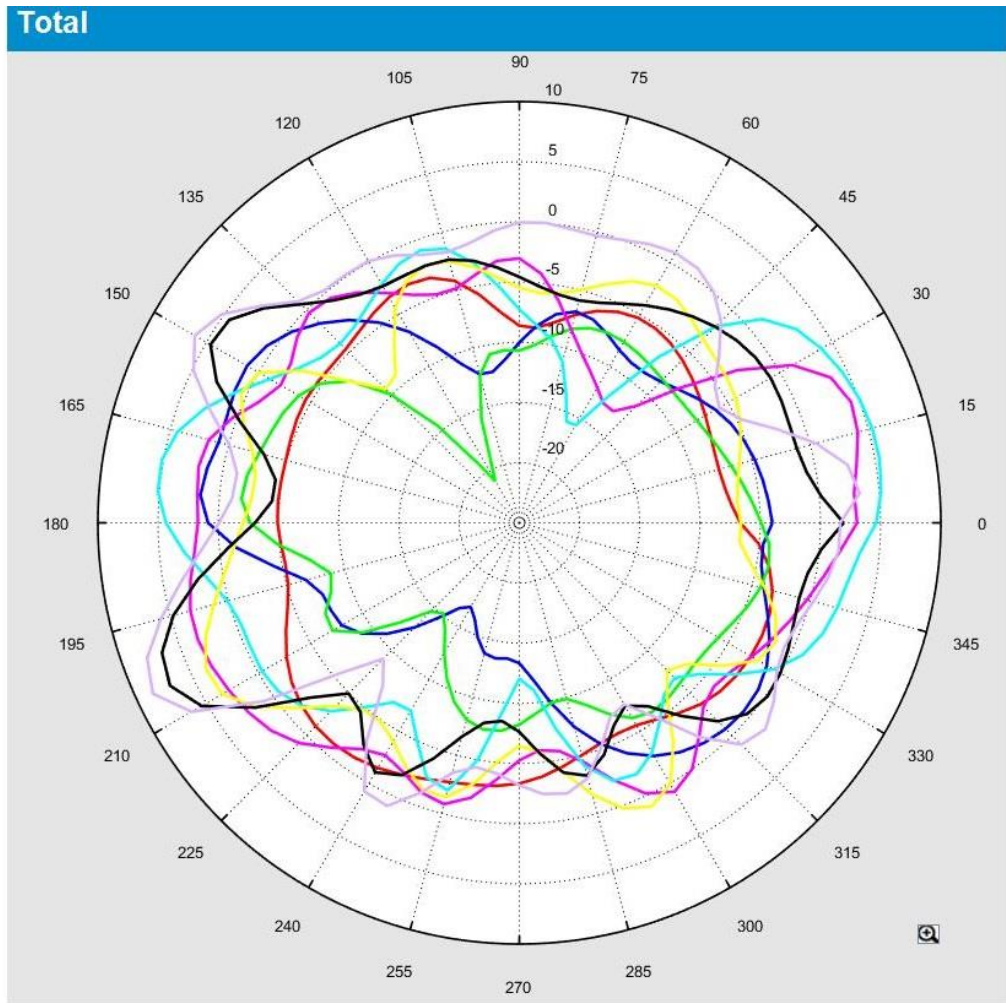
Total\_3D\_Side View 1\_1.57542GHz



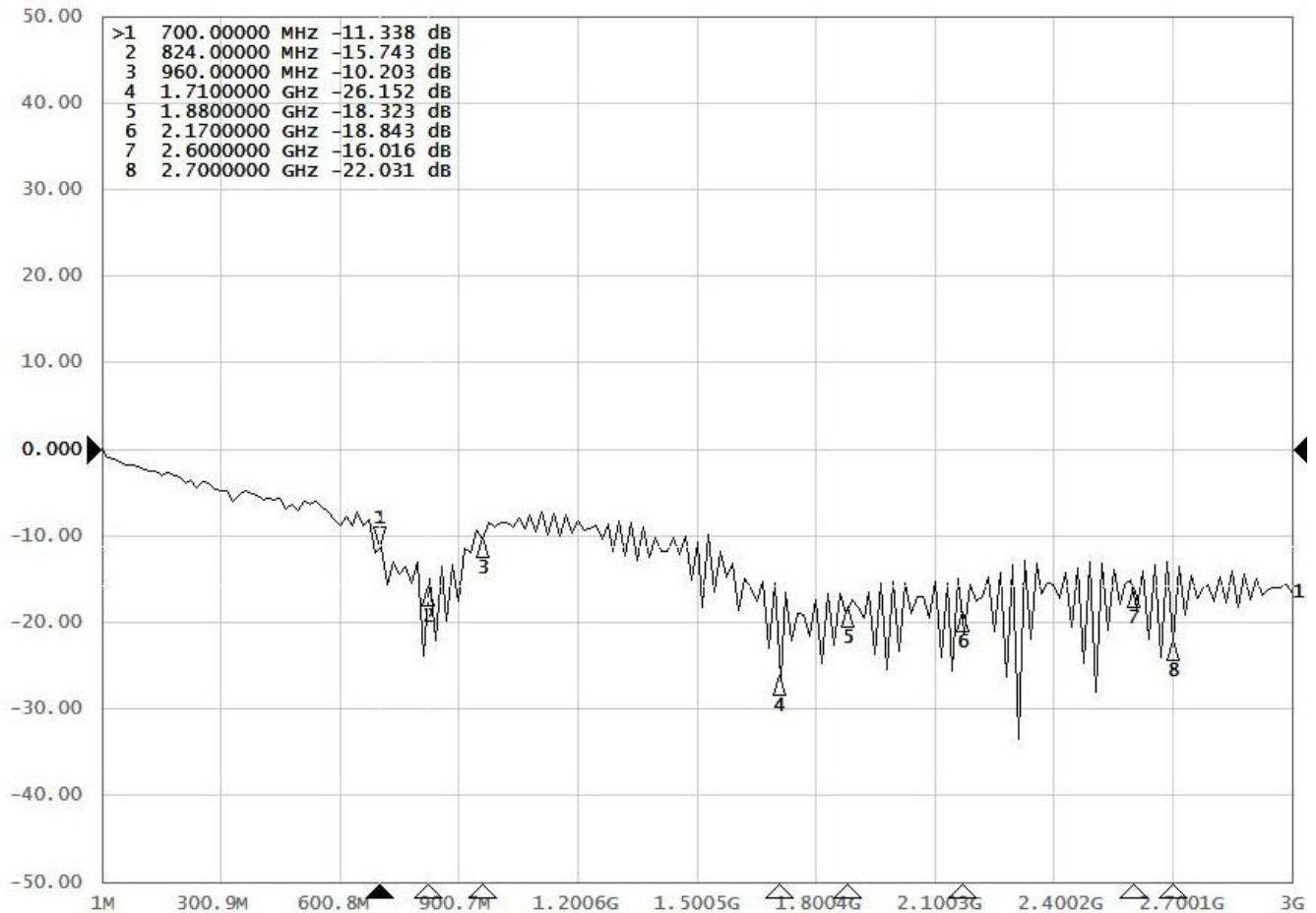
Total\_3D\_Side View 1\_1.602GHz



# Test Data(LTE)



**771** S11 Log Mag 10.00dB/ Ref 0.000dB [R0]



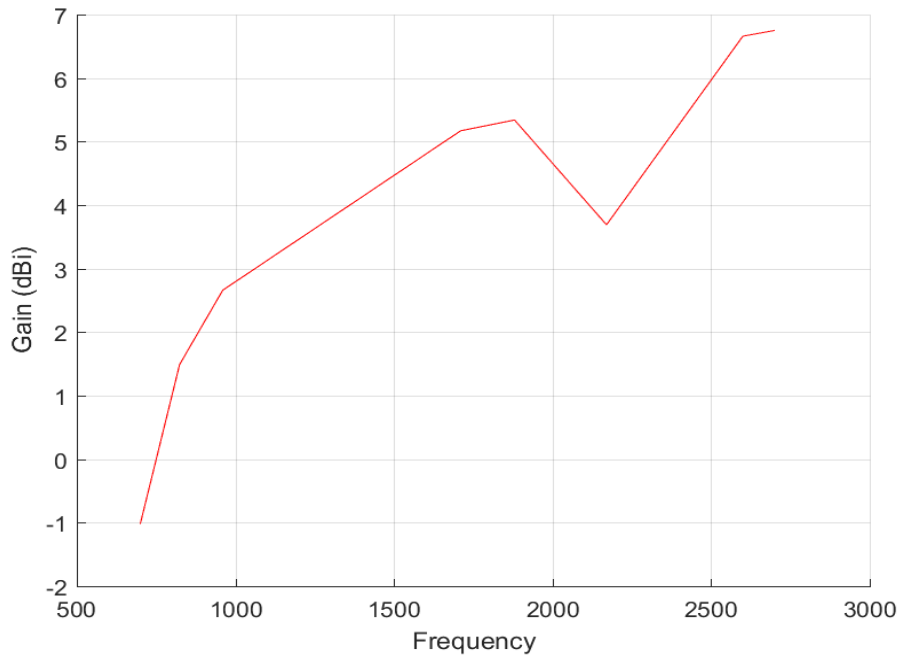
S11 SWR 1.000/ Ref 1.000 [R0]



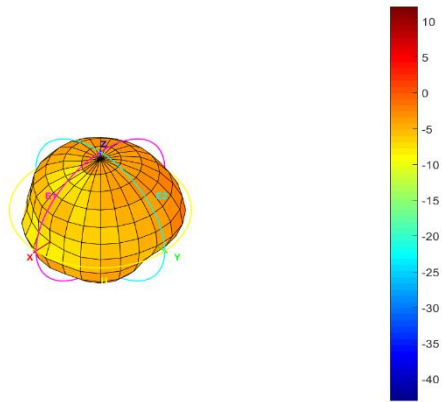
Total\_Efficiency (%)



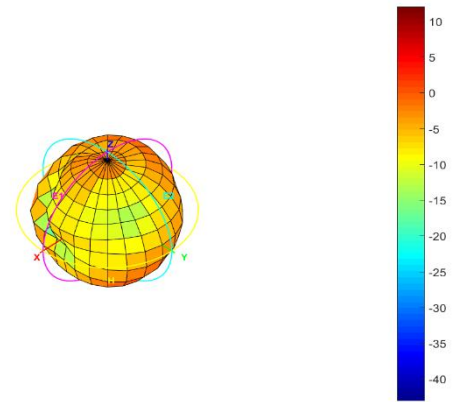
# Total\_Gain (dBi)



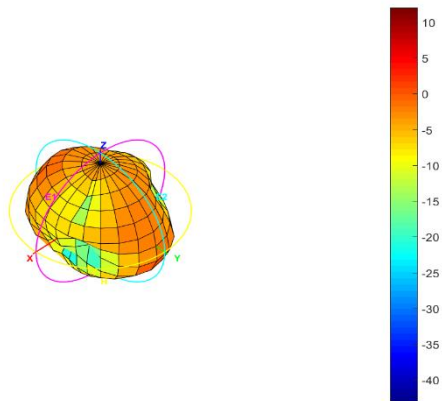
Total\_3D\_Side View 1\_700MHz



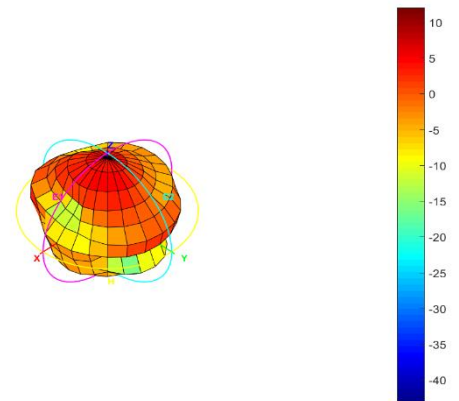
Total\_3D\_Side View 1\_824MHz



Total\_3D\_Side View 1\_960MHz

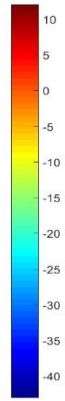
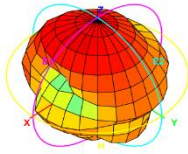


Total\_3D\_Side View 1\_1.71GHz

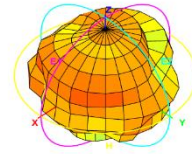




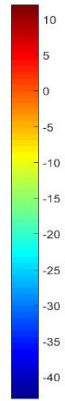
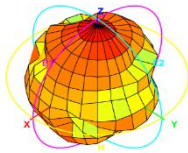
Total\_3D\_Side View 1\_1.88GHz



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



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



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

