

# Antenna Test Report

**APPLICANT** : INNOWAVE

**EQUIPMENT** : **ANT**

**BRAND NAME** : INNOWAVE  
RX-T6100A-ANT3&ANT4

**MODEL NAME** : RX-T6100A-ANT0&ANT2  
RX-T6100A-ANT1

**ANTENNA TYPE** : PIFA

**MANUFACTURE** : INNOWAVE

**Test site** : INNOWAVE

**Test environment** : **General test GTS 1800**

**Test instrument** : **5071C**

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## Antenna Report

1.

### TX Antenna Peak Gain

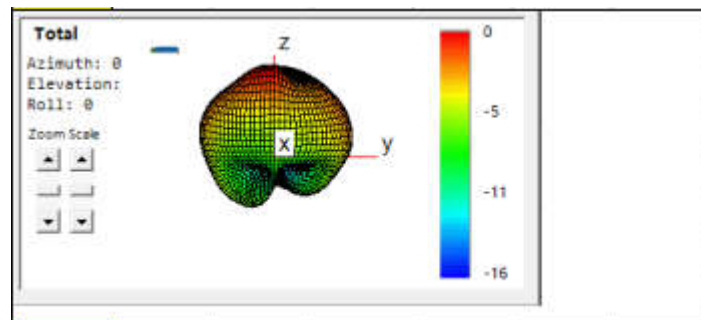
| Test / Position | Free Space         |                      |       |       |       |
|-----------------|--------------------|----------------------|-------|-------|-------|
| bands           | Frequency          | TX Antenna Peak Gain |       |       |       |
|                 |                    | Ant 1                | Ant 2 | Ant 3 | Ant 4 |
| WCDMA Band 1    | 1922.6-1977.4MHz   | 0.70                 |       |       |       |
| WCDMA Band 2    | 1747.4 - 1782.4MHz | 0.10                 |       |       |       |
| WCDMA Band 4    | 1710-1755MHz       | 0.70                 |       |       |       |
| WCDMA Band 5    | 824-849MHz         | 0.50                 |       |       |       |
| WCDMA Band 6    | 832.4 - 837.6MHz   | 0.40                 |       |       |       |
| WCDMA Band 8    | 902.6 - 912.4MHz   | 0.90                 |       |       |       |
| WCDMA Band 19   | 832.4 - 842.6MHz   | 0.50                 |       |       |       |
| LTE Band 1      | 1920-1980MHz       | 0.70                 |       |       |       |
| LTE Band 2      | 1810-1910MHz       | 0.10                 |       |       |       |
| LTE Band 3      | 1712.5-1782.5MHz   | -0.40                |       |       |       |
| LTE Band 4      | 1710-1755MHz       | 0.70                 |       |       |       |
| LTE Band 5      | 824-849MHz         | 0.50                 |       |       |       |
| LTE Band 7      | 2500-2570MHz       | 0.30                 |       |       |       |
| LTE Band 8      | 902.5-912.5MHz     | 0.90                 |       |       |       |
| LTE Band 18     | 817.5-827.5MHz     | 0.40                 |       |       |       |
| LTE Band 19     | 832.5-842.5MHz     | 0.50                 |       |       |       |
| LTE Band 20     | 832-862MHz         | 0.50                 |       |       |       |
| LTE Band 26     | 814-849MHz         | 0.50                 |       |       |       |
| LTE Band 28     | 720.5-745.5MHz     | -2.80                |       |       |       |
| LTE Band 38     | 2570-2620MHz       | 0.30                 |       |       |       |
| LTE Band 40     | 2300-2400MHz       | -0.70                |       |       |       |
| LTE Band 41     | 2455-2650MHz       | 0.30                 |       |       |       |
| LTE Band 66     | 1710-1780MHz       | 0.70                 |       |       |       |

*Antenna Report*

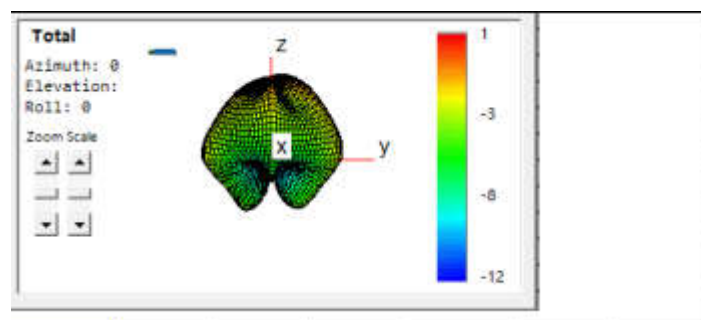
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| Test / Position | Free Space     |                      |       |       |       |
|-----------------|----------------|----------------------|-------|-------|-------|
| bands           | Frequency      | TX Antenna Peak Gain |       |       |       |
|                 |                | Ant 1                | Ant 2 | Ant 3 | Ant 4 |
| BT/WiFi 2.4G    | 2400-2483.5MHz | -1.5                 |       |       |       |
| WiFi 5G         | 5150~5250MHz   | -4                   |       |       |       |
| WiFi 5G         | 5250~5350MHz   | -4.5                 |       |       |       |
| WiFi 5G         | 5470~5725MHz   | -4.5                 |       |       |       |
| WiFi 5G         | 5725~5850MHz   | -5                   |       |       |       |

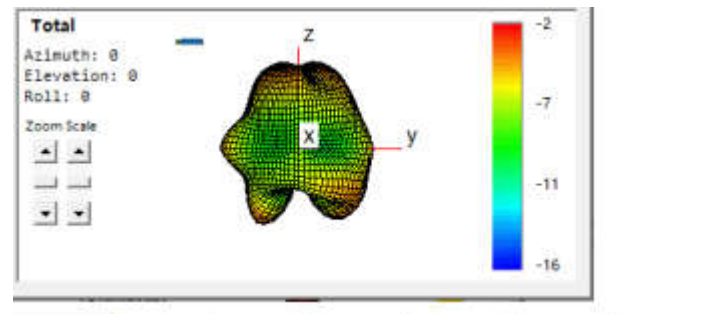
## **2. Gain Plots**



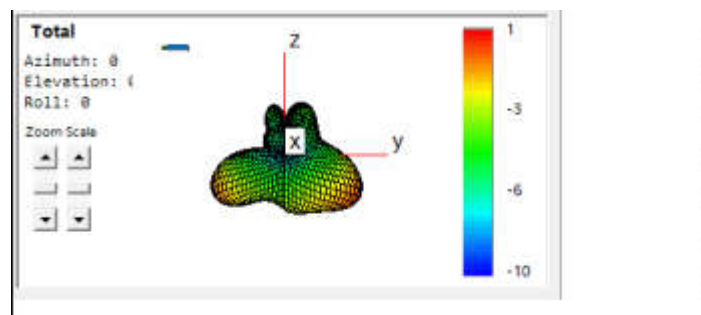
WCDMA Band 1



WCDMA Band 2

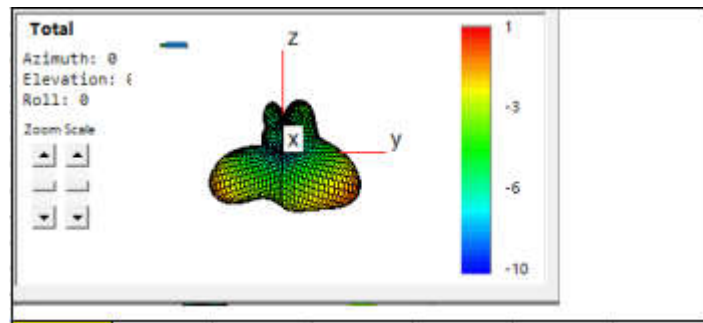


WCDMA Band 4

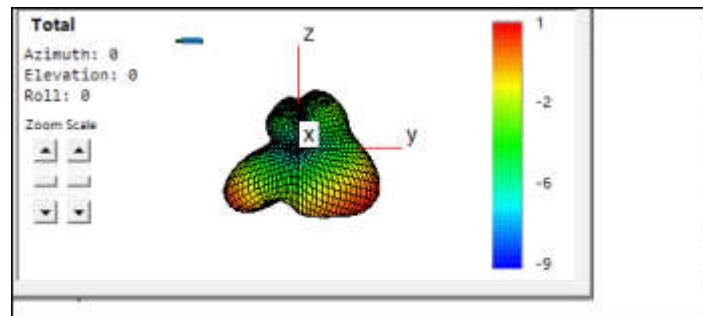


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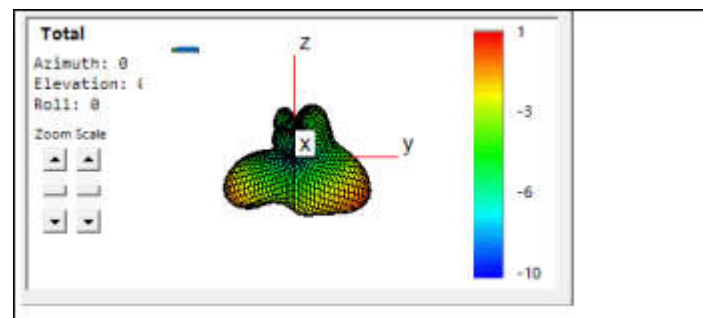
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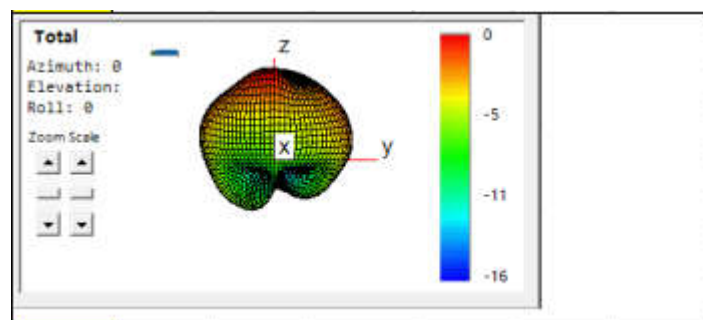
WCDMA Band 6



WCDMA Band 8

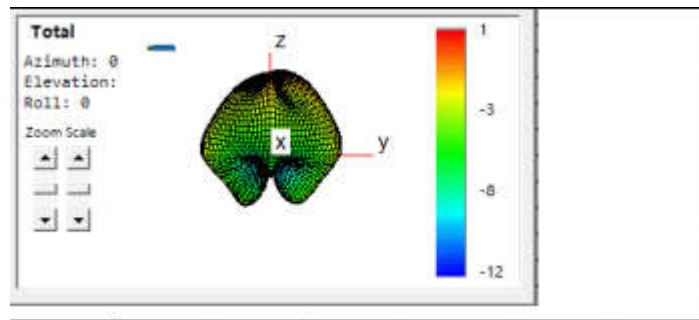


WCDMA Band 19

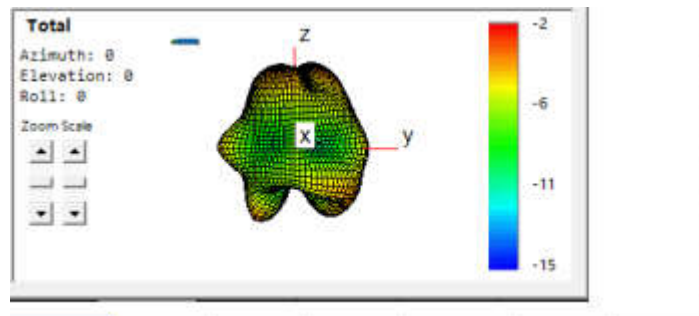


LTE Band 1

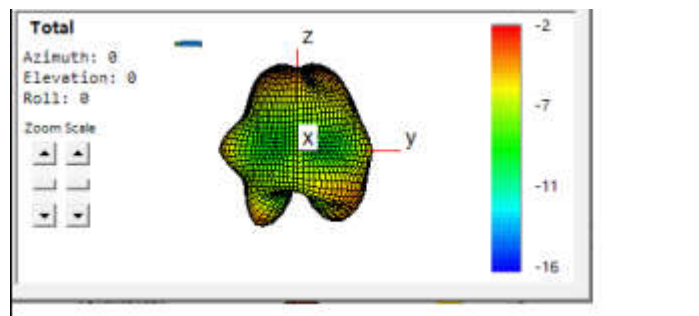
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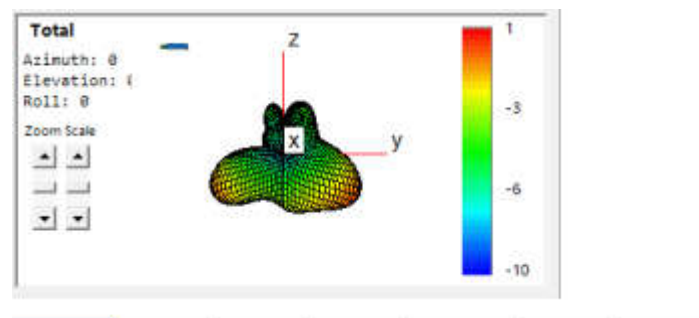
LTE Band 2



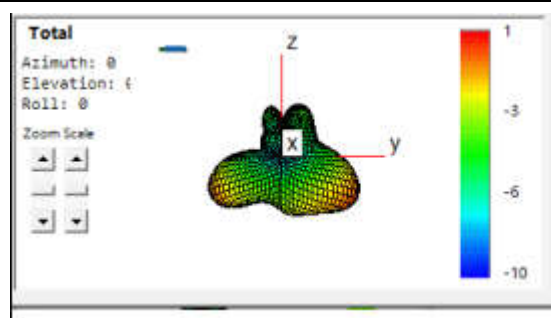
LTE Band 3



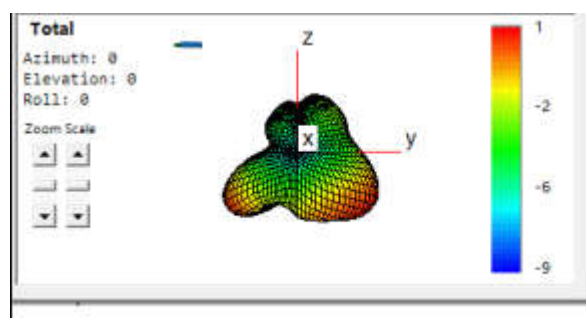
LTE Band 4



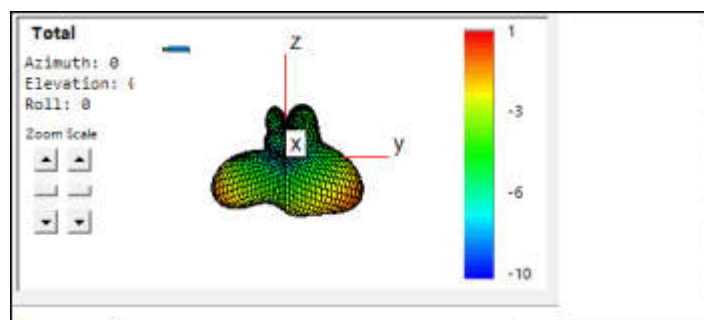
LTE Band 5



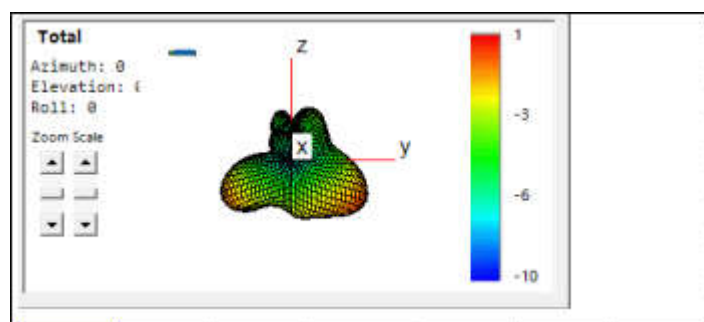
LTE BAND 7



LTE BAND 8



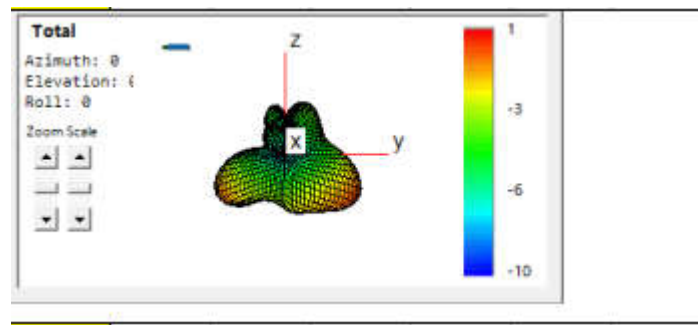
LTE BAND 18



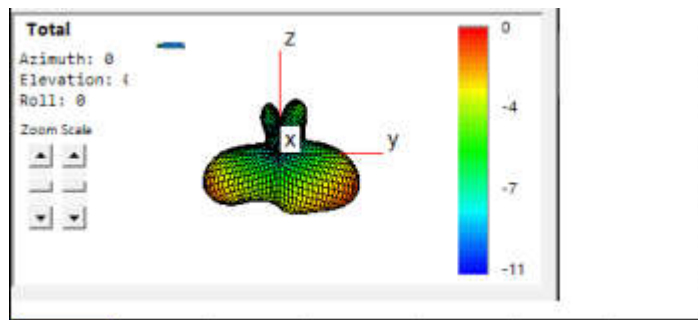
LTE BAND 19

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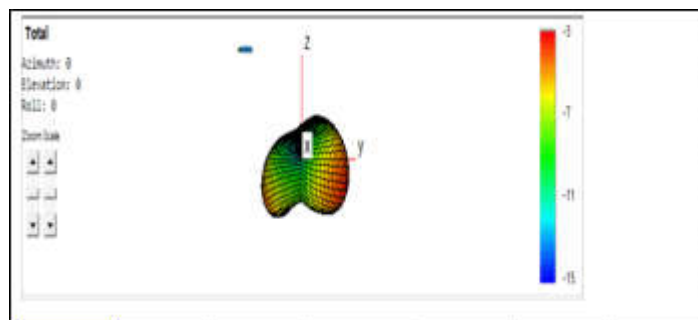




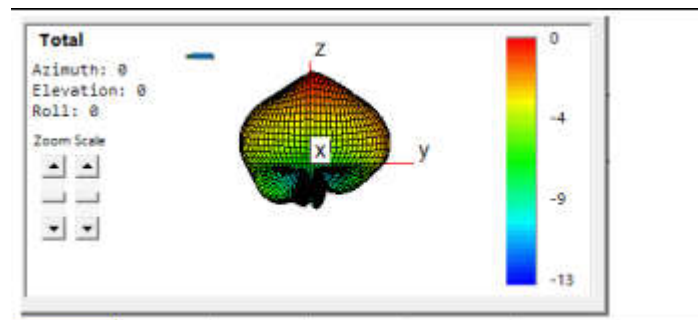
LTE BAND 20



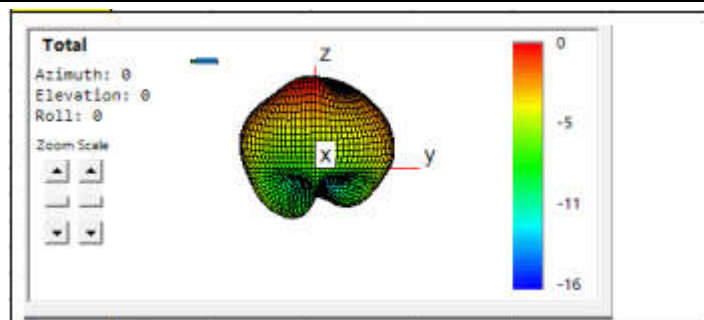
LTE BAND 26



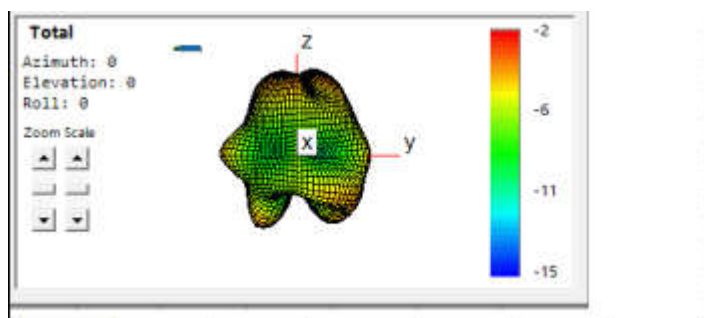
LTE BAND 28



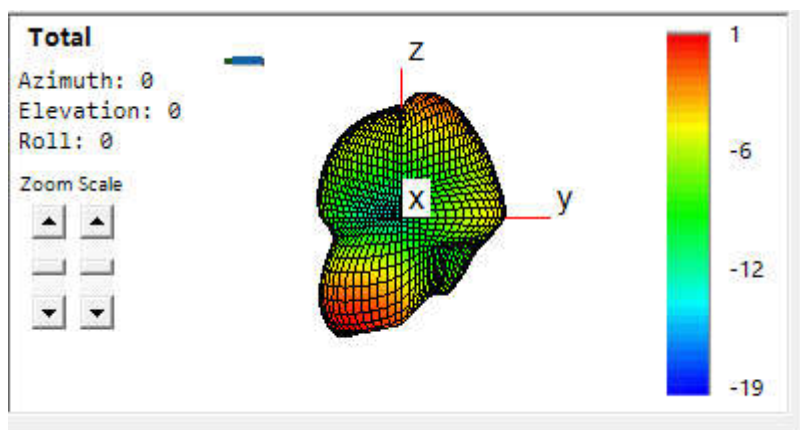
LTE BAND 34



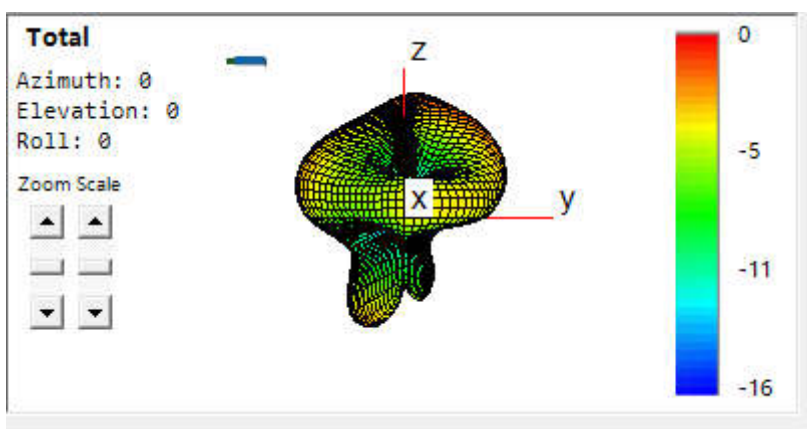
LTE BAND 38



LTE BAND 66



2.4G WiFi



5G WIFI