

# Antenna Test Report

**MANUFACTURER** : INPAQ (INPAQ TECHNOLOGY (SUZHOU)  
Co.,LTD.)

**EQUIPMENT** : ANTENNA

**BRAND NAME** : INPAQ

**MODEL NAME** : WIFI ANTENNA

**PART NUMBER** : MDA-LTE10LB-001

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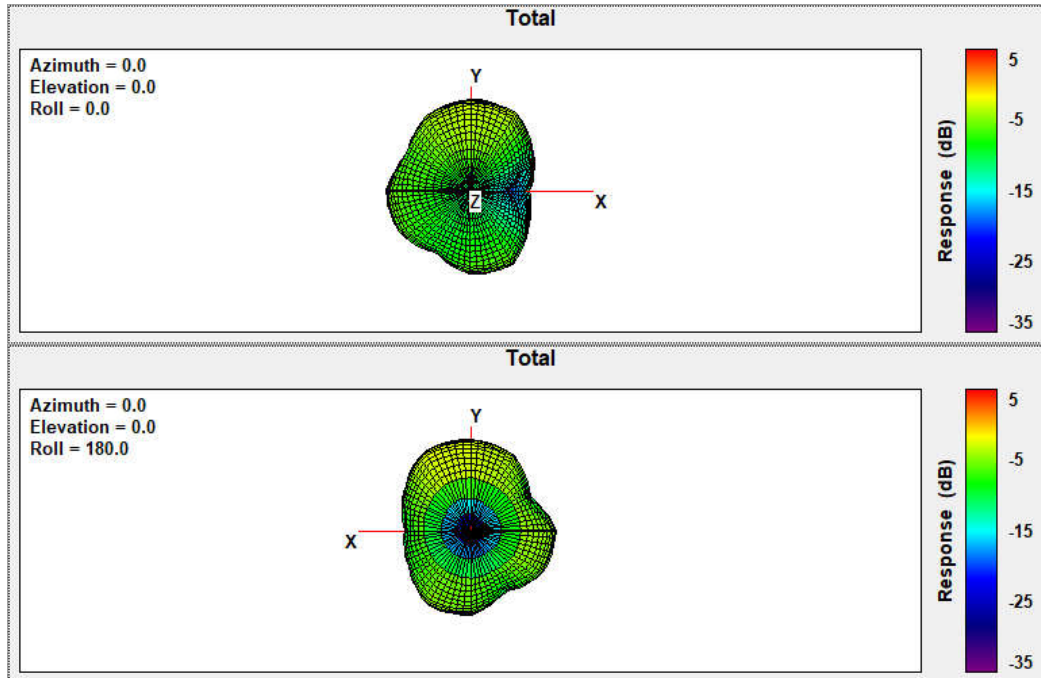
## Antenna Report

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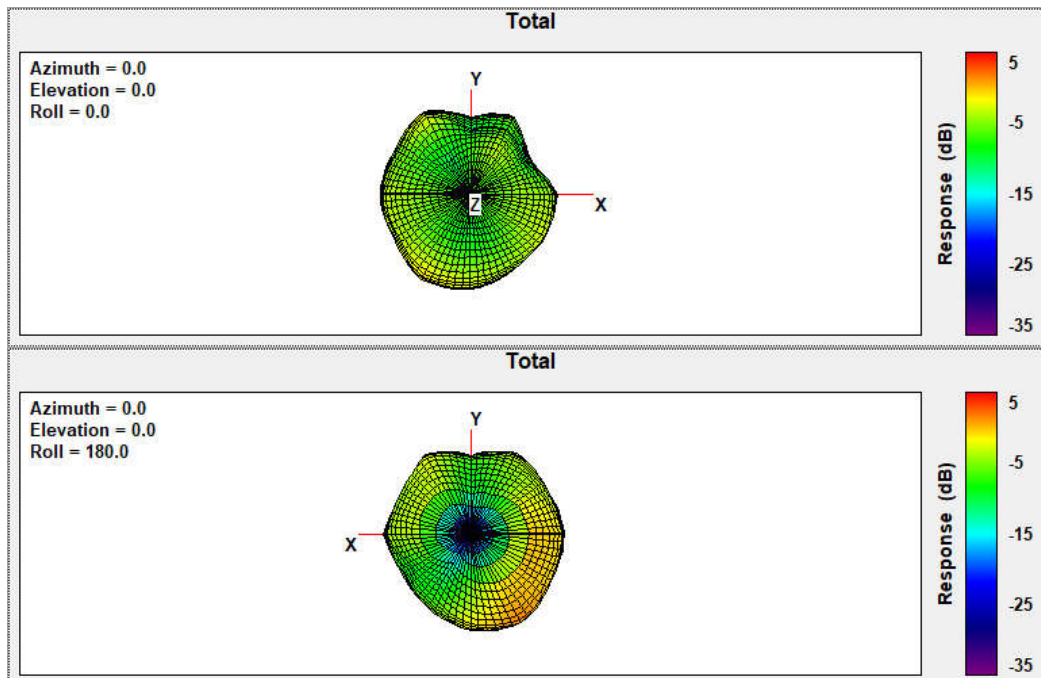
### 1. TX Antenna Peak Gain

| Test / Position | FS           |                      |       |       |                   |
|-----------------|--------------|----------------------|-------|-------|-------------------|
| bands           | Frequency    | TX Antenna Peak Gain |       |       | Average Gain (dB) |
|                 |              | Ant 1                | Ant 2 | Ant 3 | Ant 1             |
| WiFi 2.4G       | 2400-2500MHz | -2.4                 |       |       | -6.2              |
| WiFi 5G W52     | 5180-5240MHz | 1.8                  |       |       | -3.9              |
| WiFi 5G W53     | 5260-5320MHz | 1.5                  |       |       | -4.1              |
| WiFi 5G W56     | 5500-5700MHz | 0.4                  |       |       | -4.7              |
| WiFi 5G U-NII-3 | 5725-5850MHz | -2.4                 |       |       | -6.6              |

## 2. Gain Plots

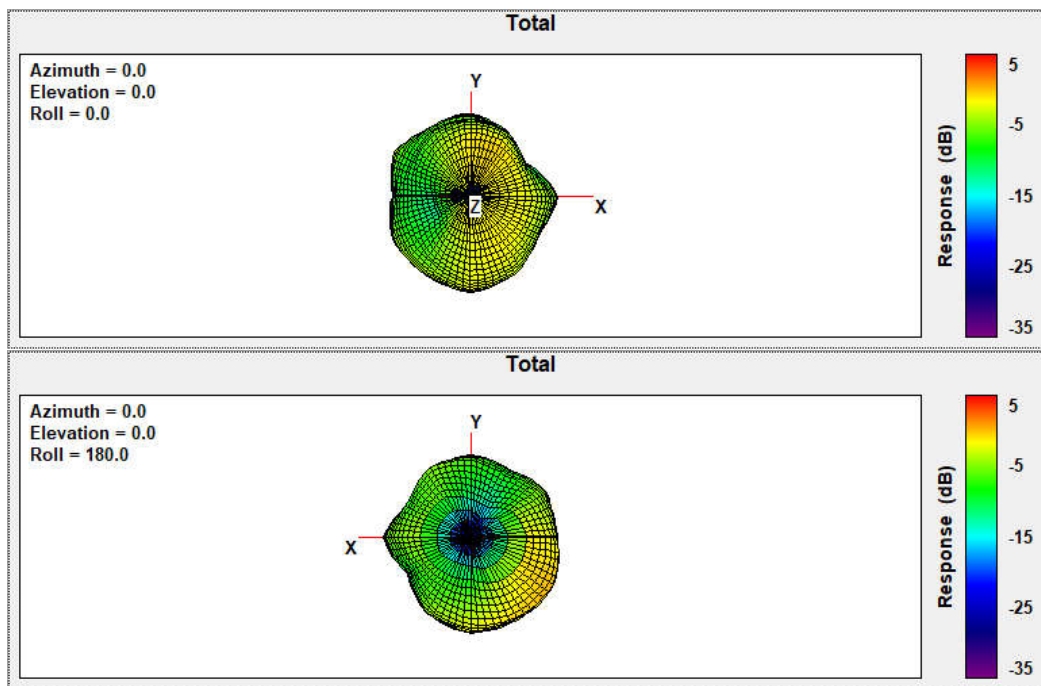
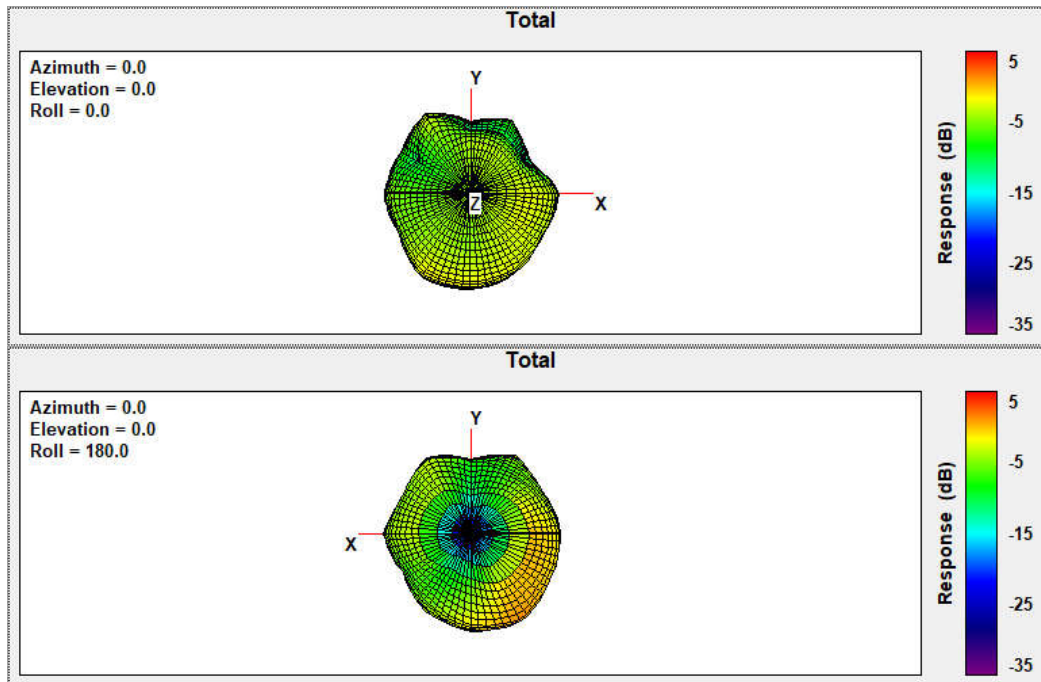


WIFI 2.4G



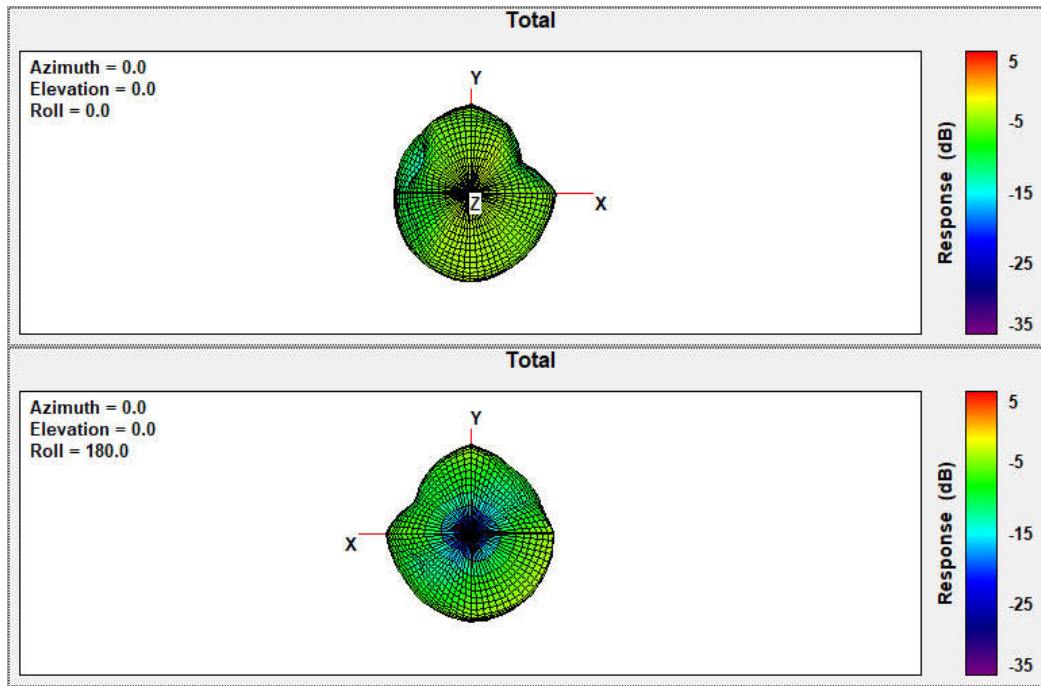
WIFI 5G W52

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### 3. Other information of antenna

Antenna manufacturer : Inpaq Technology (Suzhou) Co.,Ltd. (Address : No.5,Chunqiu Road,Panyang IndustrialParkHuangdai Town,Xiangcheng Zone,Suzhou)

Antenna model number : MDA-LTE10LB-001

Antenna Type and Antenna connector: PIFA antenna、spring connector

Test environment :

- 1) Stand-alone:  
Test equipment: ROHDE& SCHWARZ ZND
- 2) Bulding with device:  
Test equipment: ETS-AMS-8923, Agilent E5071C  
Test software EMQuest Data Acquisition and Analysis Software
- 3) Calibration status: last time 2023-11-6、next time 2024-11-4

