

# Antenna Test Report

**APPLICANT** : INPAQ

**EQUIPMENT** : Antenna

**BRAND NAME** : INPAQ

**MODEL NAME** : WIFI Antenna

**PART NUMBER** : AS1000215

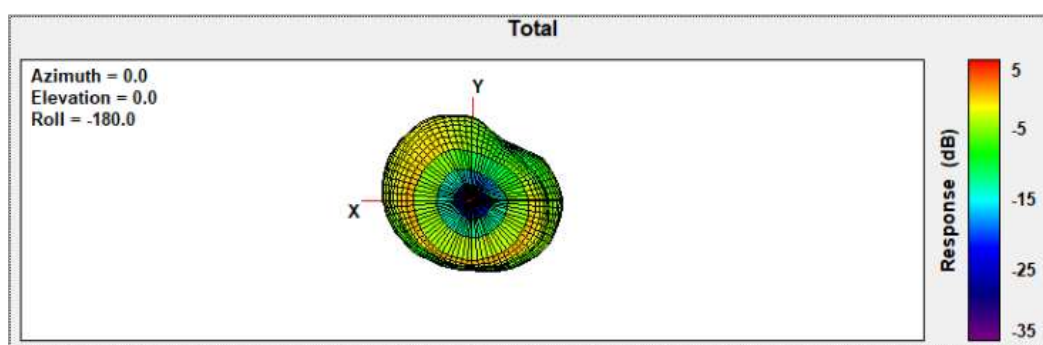
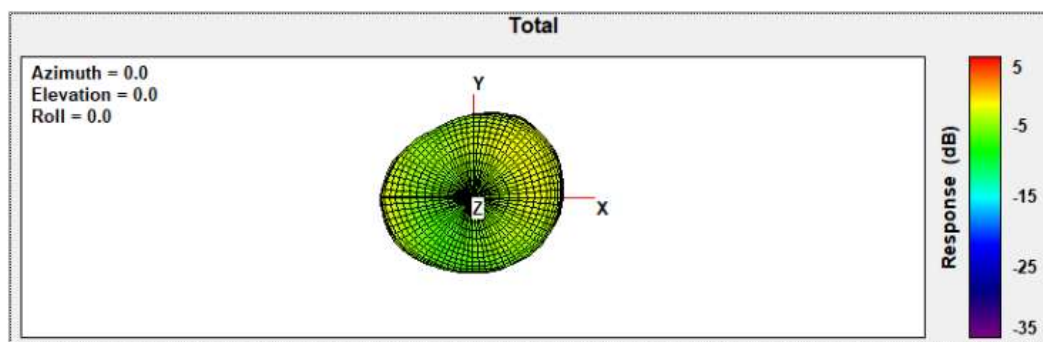
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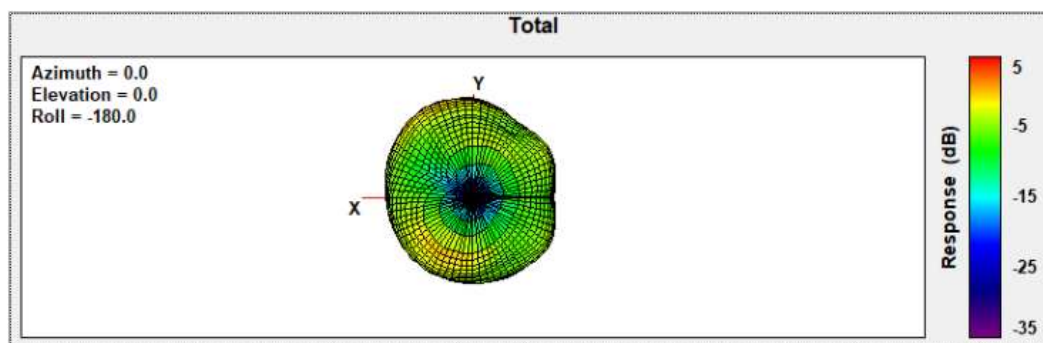
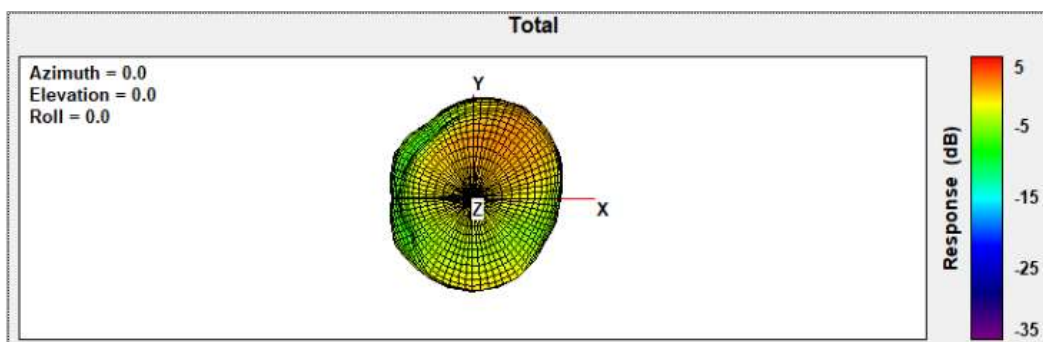
**1. TX Antenna Peak Gain**

| Test / Position | Free Space   |                      |       |       |       |
|-----------------|--------------|----------------------|-------|-------|-------|
| bands           | Frequency    | TX Antenna Peak Gain |       |       |       |
|                 |              | Ant 1                | Ant 2 | Ant 3 | Ant 4 |
| BT              | 2402-2480MHz | 1.14                 |       |       |       |
| WiFi 2.4G       | 2412-2462MHz | 1.14                 |       |       |       |
| WiFi 5G W52     | 5150-5250MHz | 1.37                 |       |       |       |
| WiFi 5G W53     | 5250-5350MHz | 1.96                 |       |       |       |
| WiFi 5G W56     | 5470-5725MHz | 3.53                 |       |       |       |
| WiFi 5G U-NII-3 | 5725-5850MHz | 4.10                 |       |       |       |

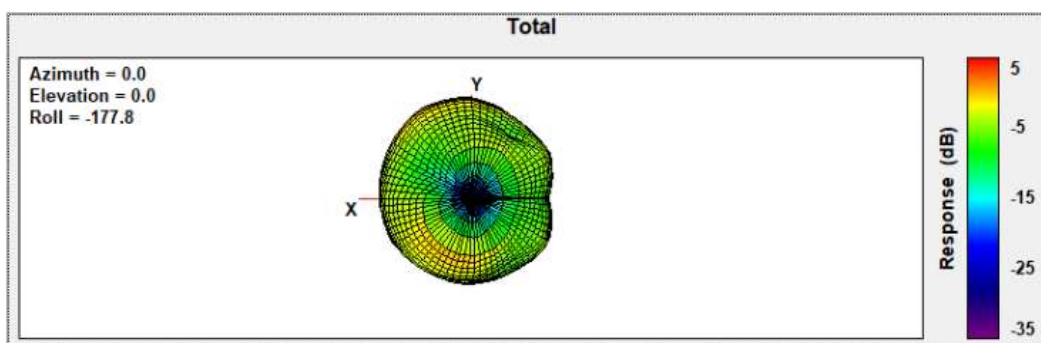
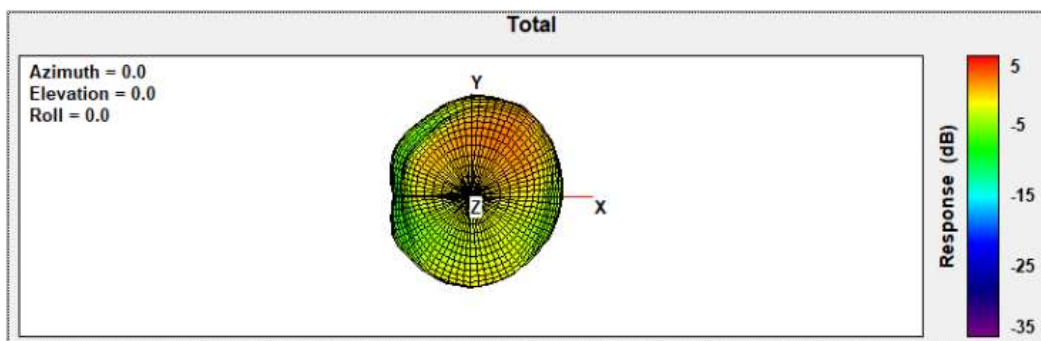
## 2. Gain Plots



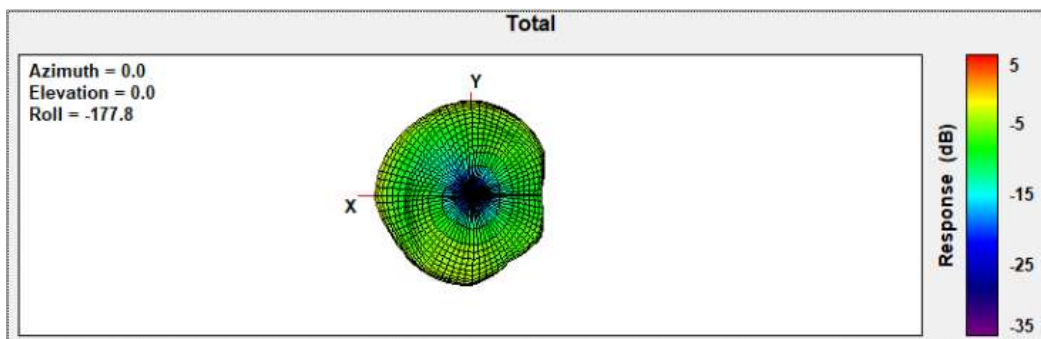
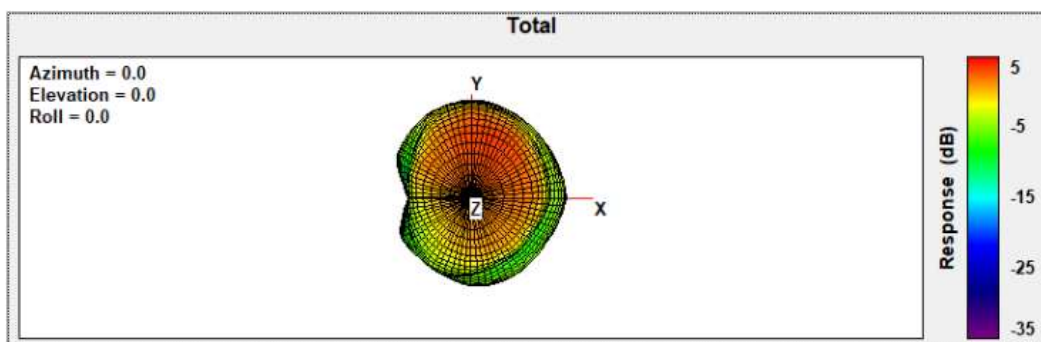
BT/WIFI 2.4G



WIFI 5G W52



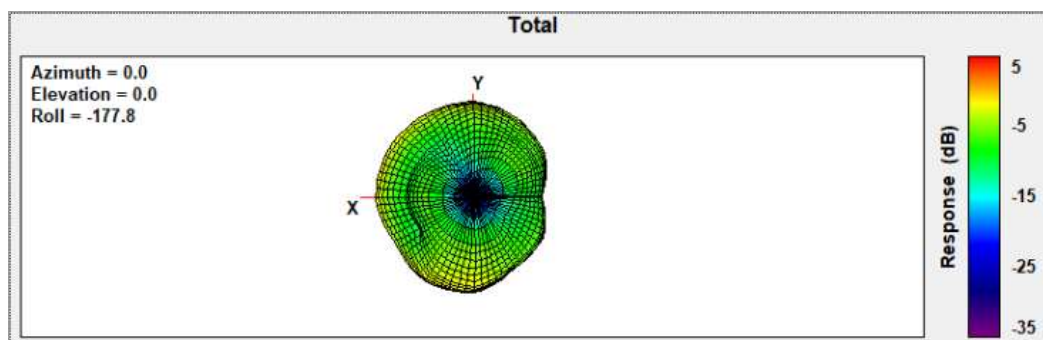
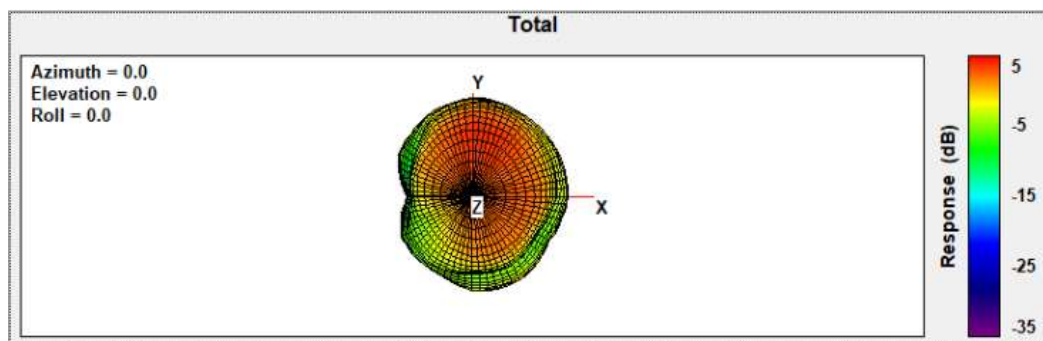
WIFI 5G W53



WIFI 5G W56

## Antenna Report

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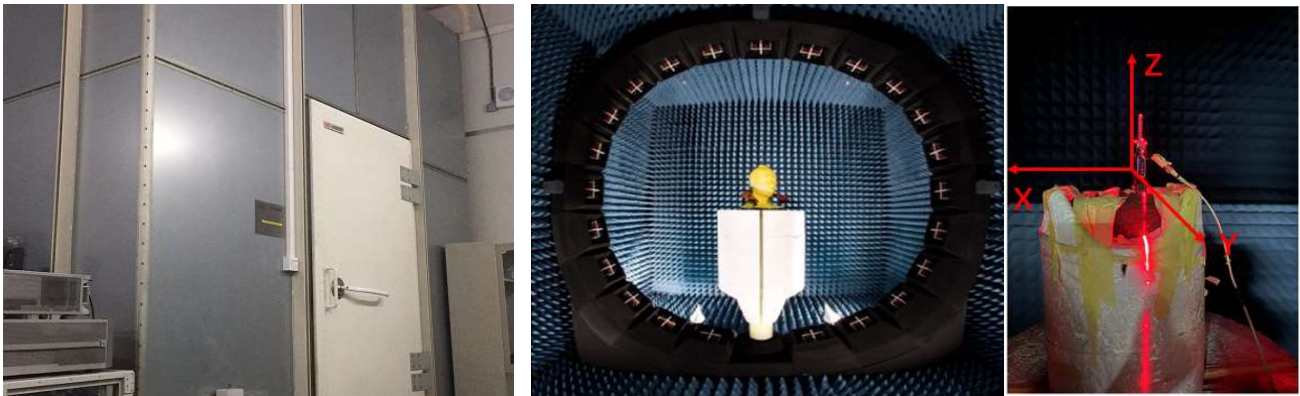
WIFI 5G U-NII-3

### 3. Other information of antenna

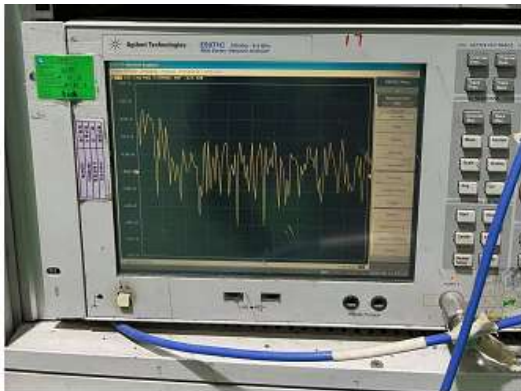
**Antenna manufacturer:** Inpaq Technology (Suzhou) Co.,Ltd (Address: No.5, Chunqiu Road, Panyang Industrial Park, Huangdai Town, Xiangcheng Zone, Suzhou City 215143 ,Jiangsu Province, China)

**Antenna Type:** WLAN Antenna (FPC Antenna)

**Test environment:** ETS-AMS-8923



**Test equipment:** Agilent E5071C (Calibration Date: 2022/11/7)



**Test Software:** EMQuest