

# Antenna Test Report

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

**EQUIPMENT :** ANTENNA

**BRAND NAME :** INPAQ

**MODEL NAME :** WIFI ANTENNA

**PART NUMBER :** LDS MDA-LB-008

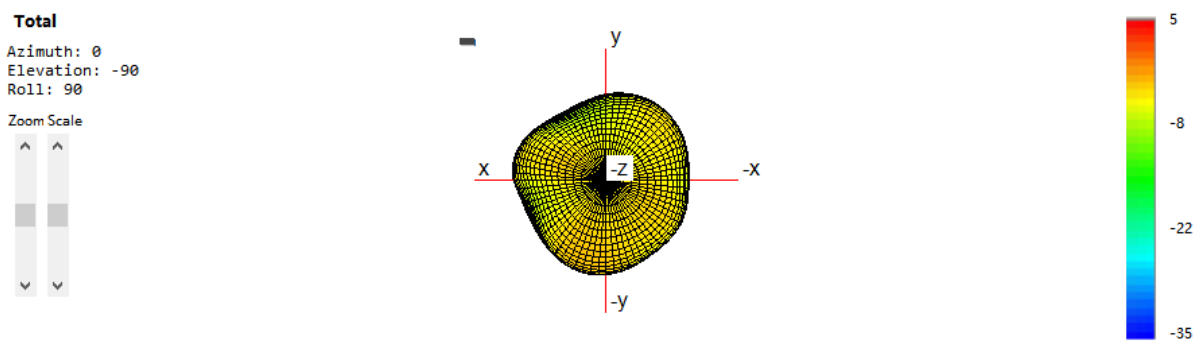
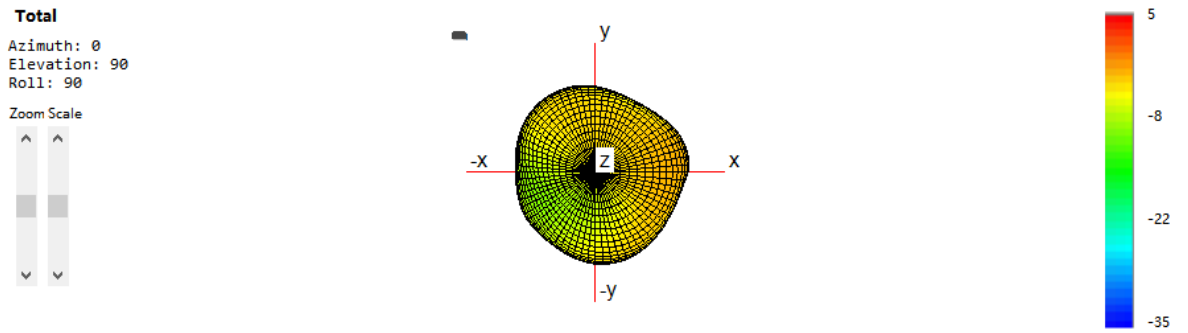
**Table of Contents**

1. TX Antenna Peak Gain -----3  
2. Gain Plots -----4  
3. Other information of antenna -----7

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	-2.1			-4.9	
WiFi 5G	5150-5250MHz	0.9			-4.1	
WiFi 5G	5250-5350MHz	1.3			-3.9	
WiFi 5G	5470-5725MHz	1.1			-3.9	
WiFi 5G	5725-5850MHz	1.1			-3.8	

## 2. Gain Plots



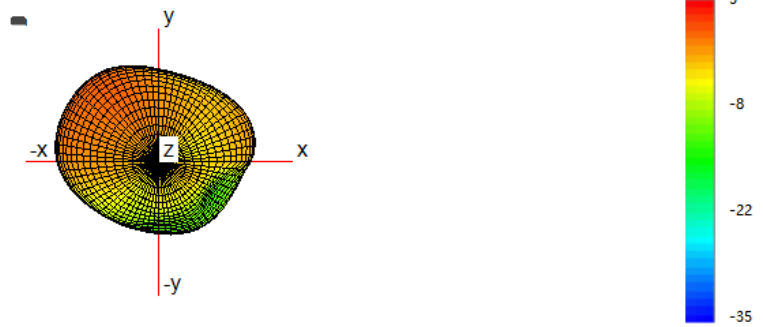
WIFI 2.4G-FS

# Antenna Report

## Total

Azimuth: 0  
Elevation: 90  
Roll: 90

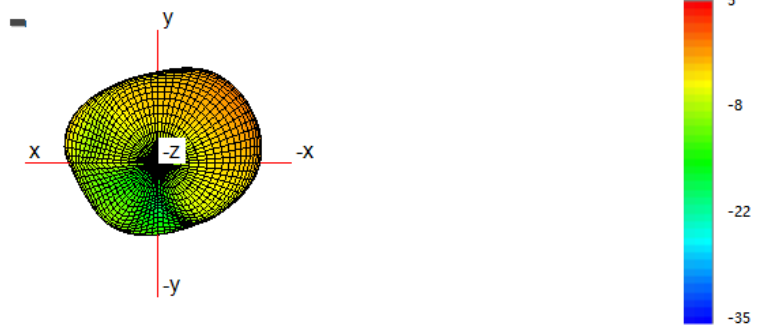
Zoom Scale



## Total

Azimuth: 0  
Elevation: -90  
Roll: 90

Zoom Scale

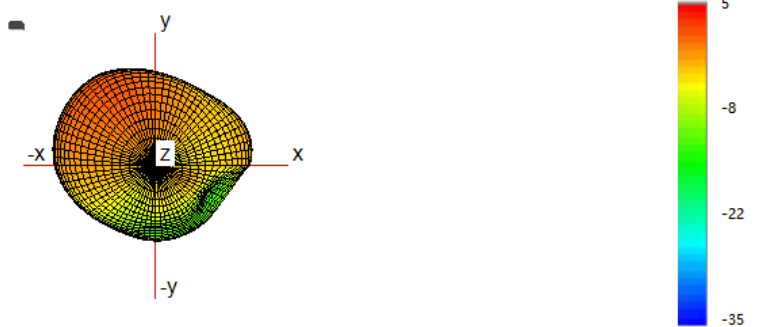


WIFI 5G 5150-5250-FS

## Total

Azimuth: 0  
Elevation: 90  
Roll: 90

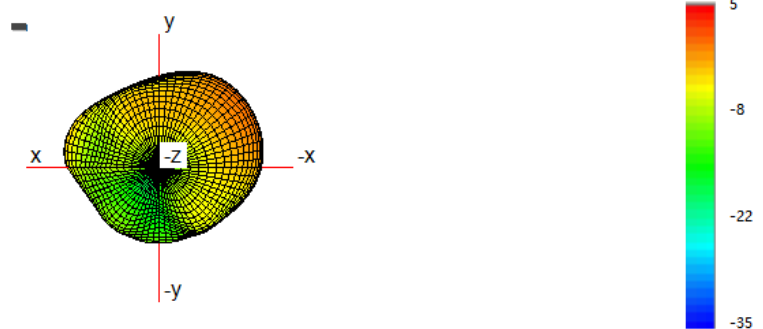
Zoom Scale



## Total

Azimuth: 0  
Elevation: -90  
Roll: 90

Zoom Scale



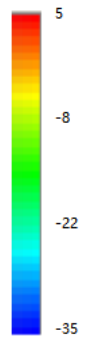
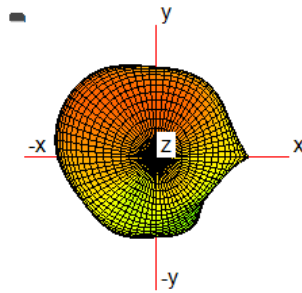
WIFI 5G 5250-5350-FS

# Antenna Report

## Total

Azimuth: 0  
Elevation: 90  
Roll: 90

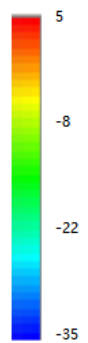
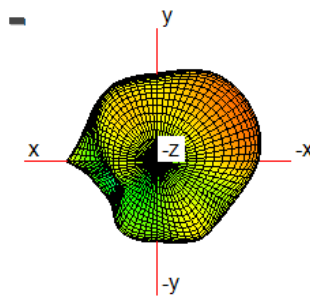
Zoom Scale



## Total

Azimuth: 0  
Elevation: -90  
Roll: 90

Zoom Scale

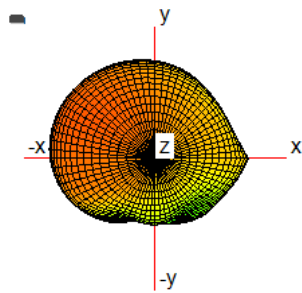


WiFi 5G 5470-5725-FS

## Total

Azimuth: 0  
Elevation: 90  
Roll: 90

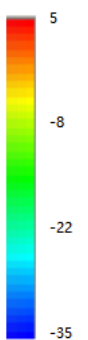
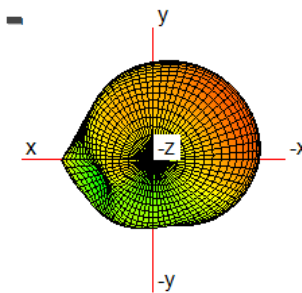
Zoom Scale



## Total

Azimuth: 0  
Elevation: -90  
Roll: 90

Zoom Scale



WiFi 5G 5725-5850-FS

### 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: LDS MDA-LB-008

Antenna Type and Antenna connector: PIFA antenna、 spring connector

Test environment:

1) Stand-alone:

Test equipment: ROHDE&SCHWARZ ZND

2) Test equipment: ETS-AMS-8923, Agilent E5071C

Test software EMQuest Data Acquisition and Analysis Software

3) Calibration status: last time 2022-11-7、 next time 2023-11-6

