

Antenna Test Report

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

EQUIPMENT : **ANTENNA**

BRAND NAME : **INPAQ**

MODEL NAME : **WIFI ANTENNA**

PART NUMBER : **MDA-LB-012**

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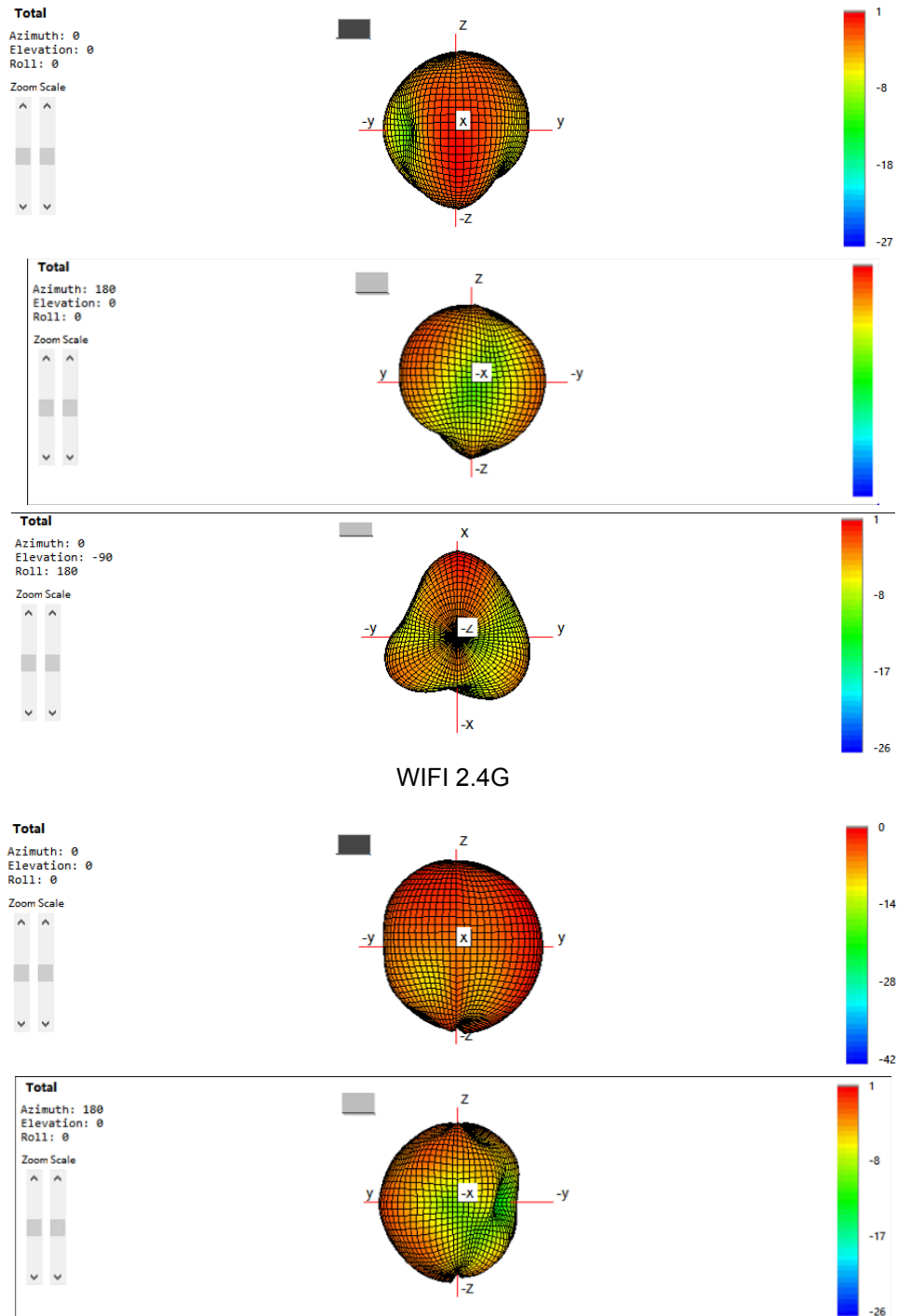
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1. TX Antenna Peak Gain

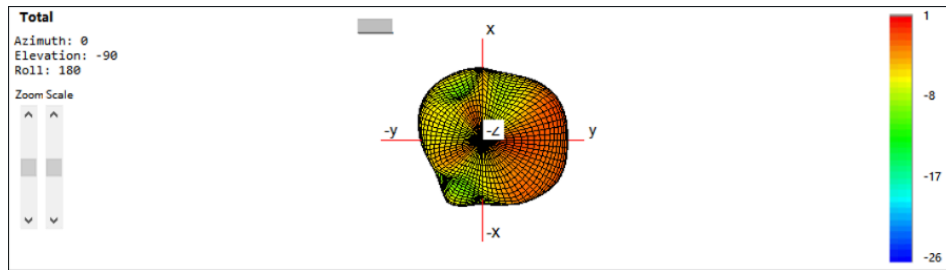
Test / Position	FS				
bands	Frequency	TX Antenna Peak Gain			Average Gain (dB)
		Ant 1	Ant 2	Ant 3	Ant 1
WiFi 2.4G	2400-2500MHz	0.87			-3.7
WiFi 5G W52	5180-5240MHz	-0.23			-4.0
WiFi 5G W53	5260-5320MHz	0.82			-4.2
WiFi 5G W56	5500-5700MHz	1.56			-4.5
WiFi 5G U-NII-3	5725-5850MHz	2.08			-4.1

Test / Position	Body				
bands	Frequency	TX Antenna Peak Gain			Average Gain (dB)
		Ant 1	Ant 2	Ant 3	Ant 1
WiFi 2.4G	2400-2500MHz	-0.7			-6.9
WiFi 5G W52	5180-5240MHz	2.0			-4.9
WiFi 5G W53	5260-5320MHz	1.6			-5.1
WiFi 5G W56	5500-5700MHz	1.2			-5.3
WiFi 5G U-NII-3	5725-5850MHz	2.7			-5.2

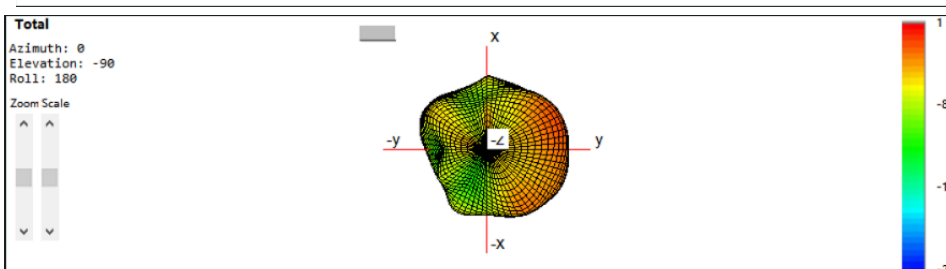
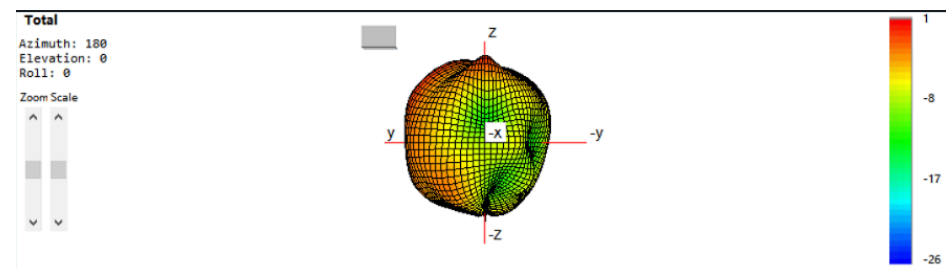
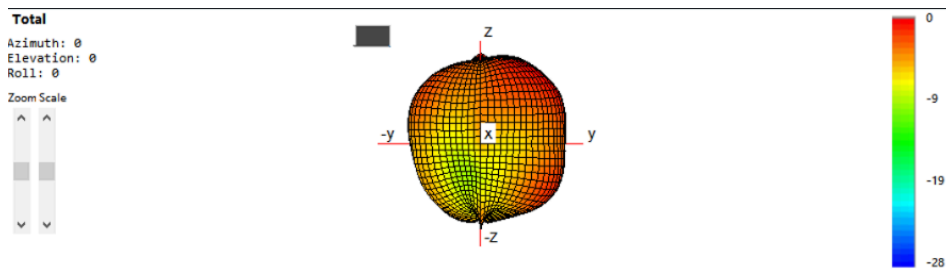
2. Gain Plots/FS



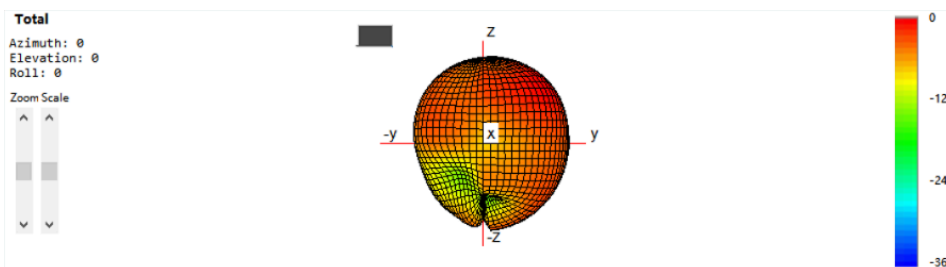
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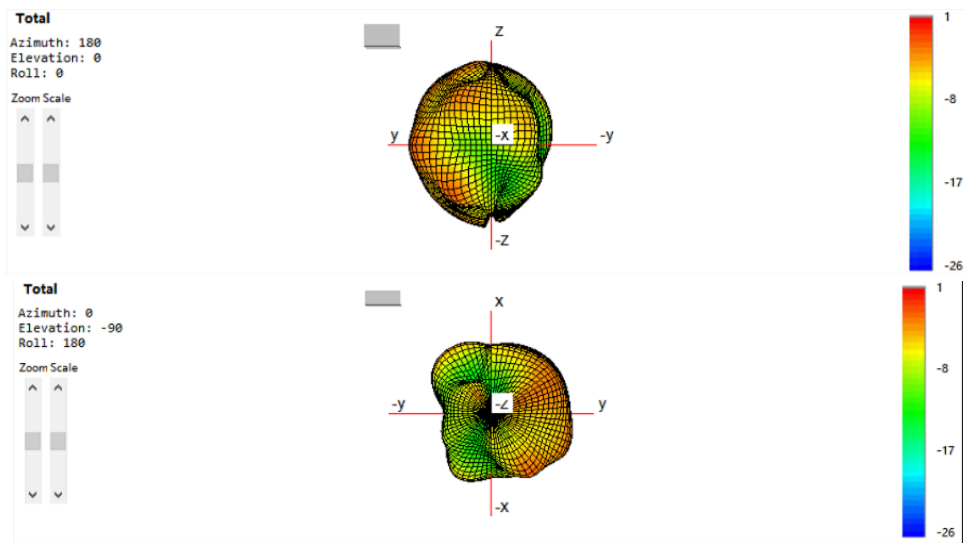
WIFI 5G W52



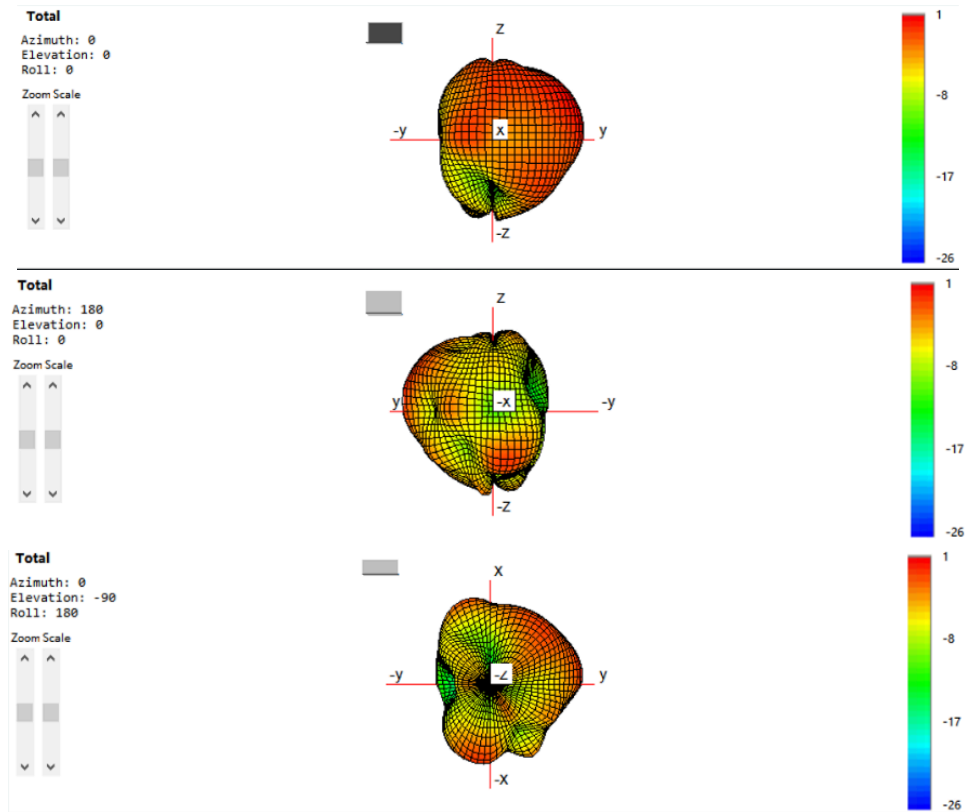
WIFI 5G W53



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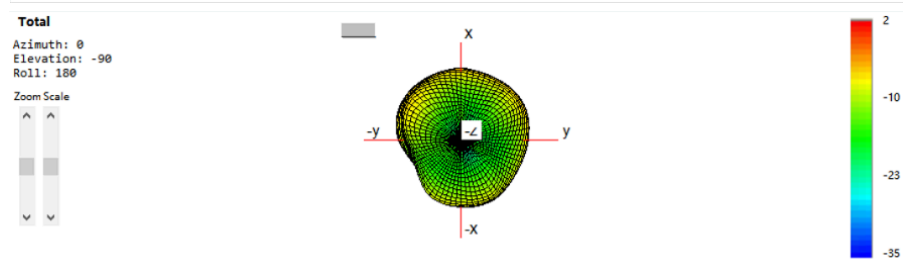
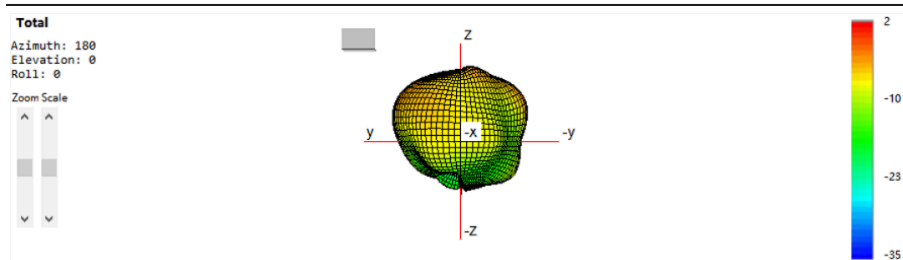
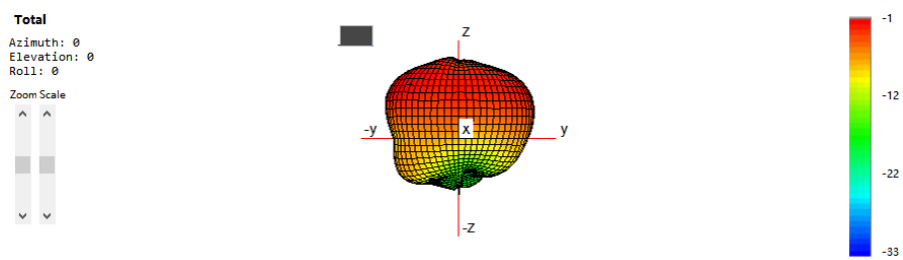


WiFi 5G W56

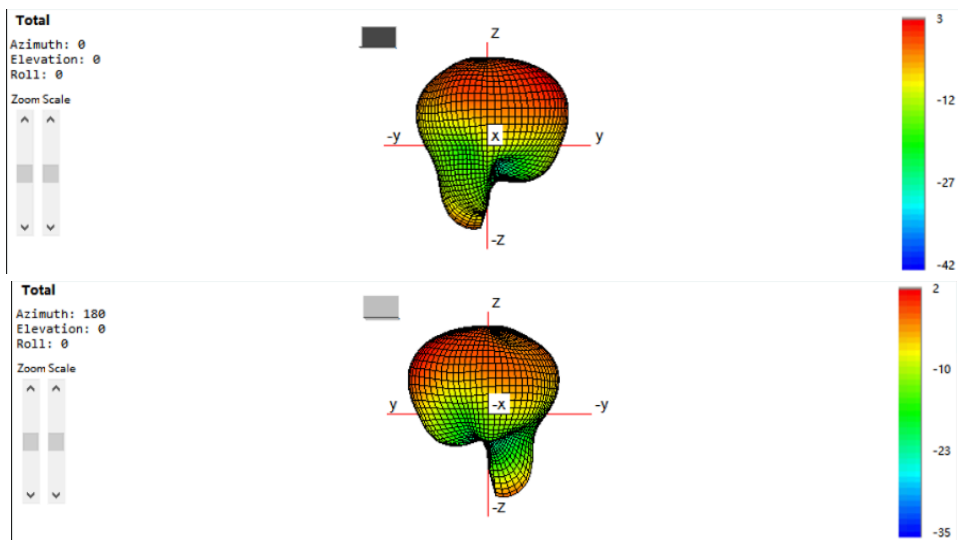


WiFi 5G U-NII-3

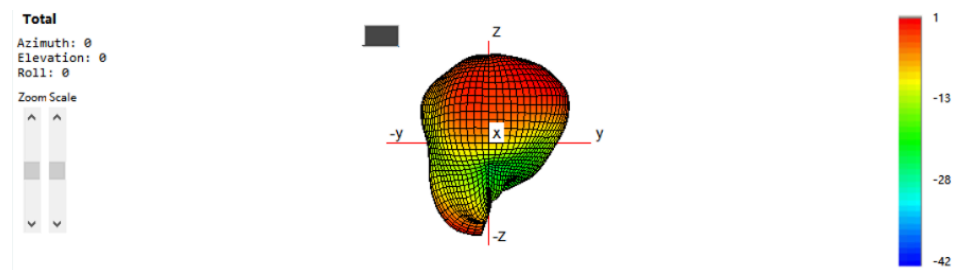
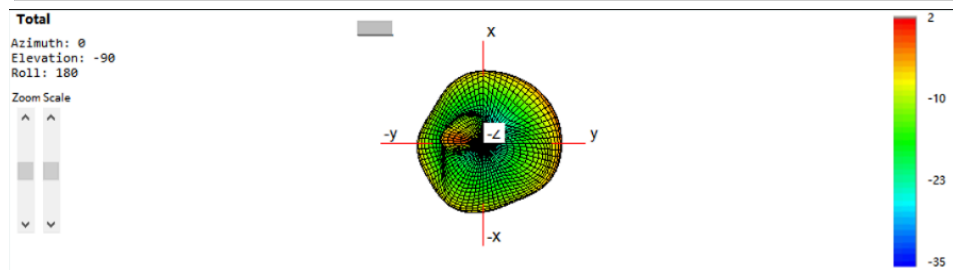
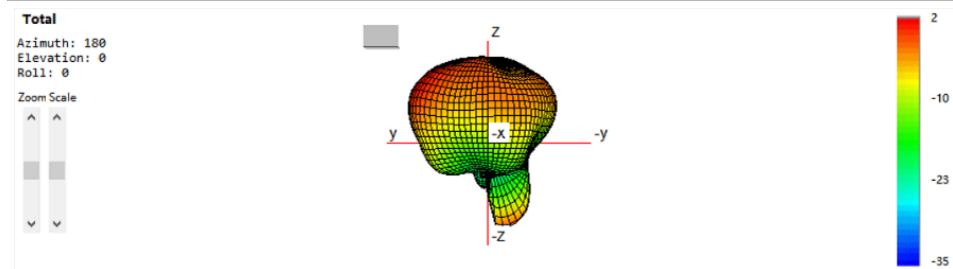
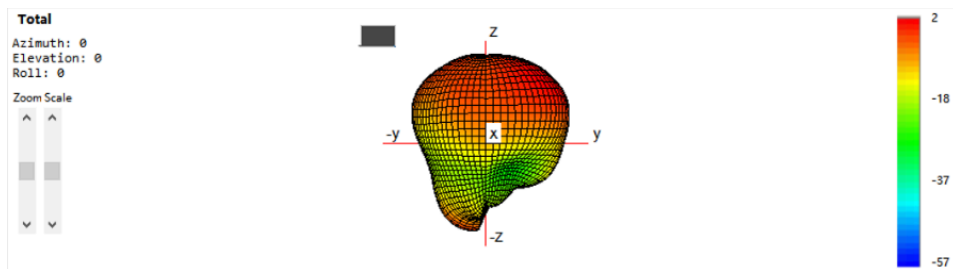
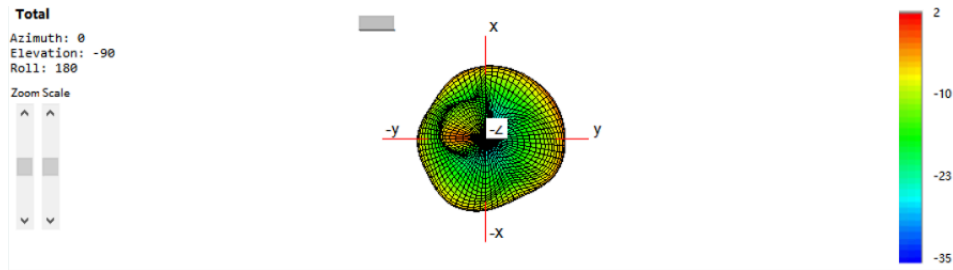
2-2Gain Plots/Body



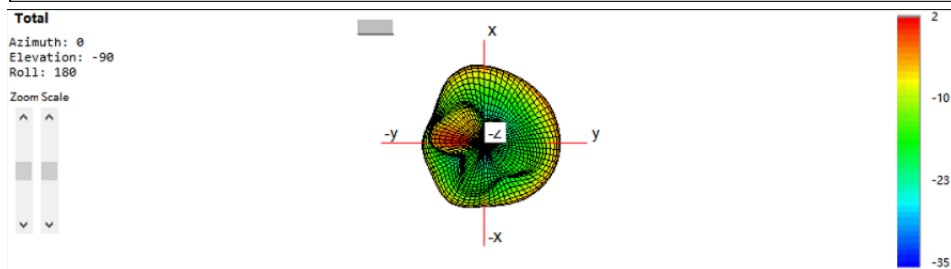
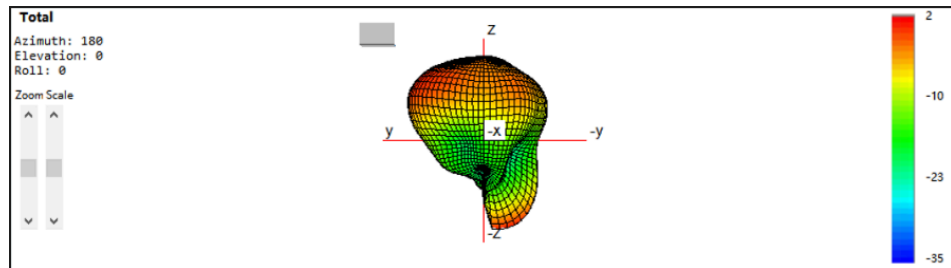
WIFI 2.4G



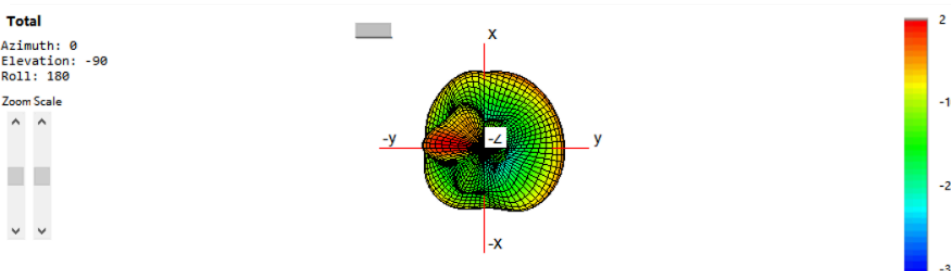
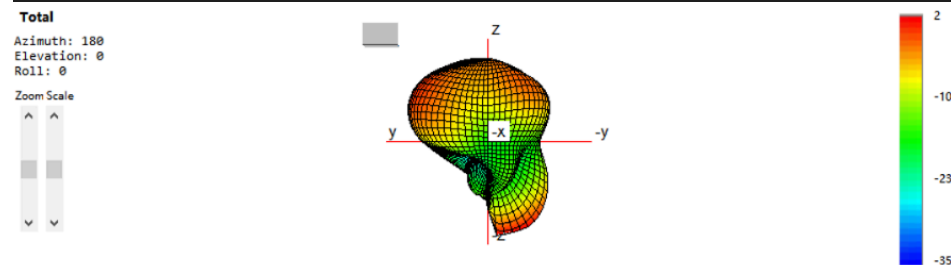
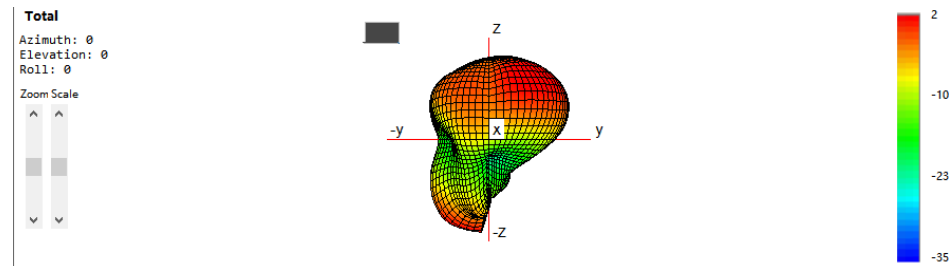
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WiFi 5G W56



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)

Antenna model number: MDA-LB-012

Antenna Type and Antenna connector: PIFA antenna, LDS

Test environment:

- 1) Stand-alone:

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Test equipment: ROHDE& SCHWARZ ZND

2) Bulding with device:

Test equipment: GTS2000, Agilent E5071C

Test software EMQuest Data Acquisition and Analysis Software

3) Calibration status: last time 2025-11-6, next time 2026-11-4

