



# Antenna Test Report

Client: Najingyun  
Project: W93  
Structure: Engineer  
Xiao (13316888409) |  
RF: Engineer Huang  
(13682667404) | Date:  
2026-4-13



# Antenna Test Report

Report Type:

Version: V1.0

Antenna Status:

Rigid wire

Frequency Band:

2.4 GHz BT

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

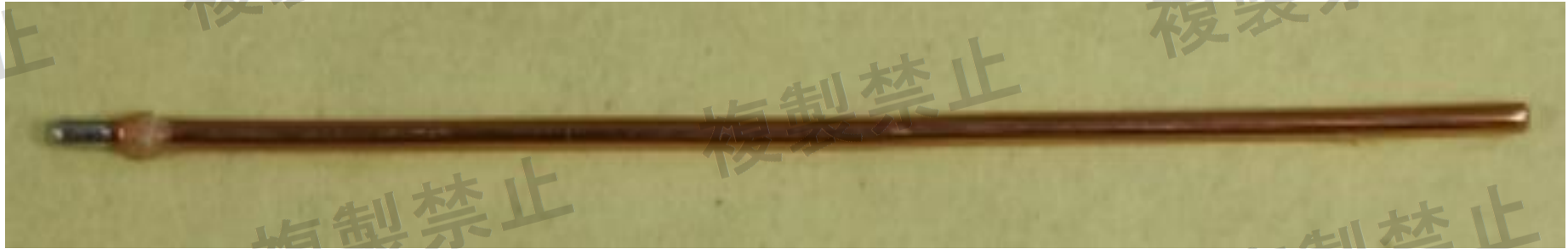
複製禁止

複製禁止

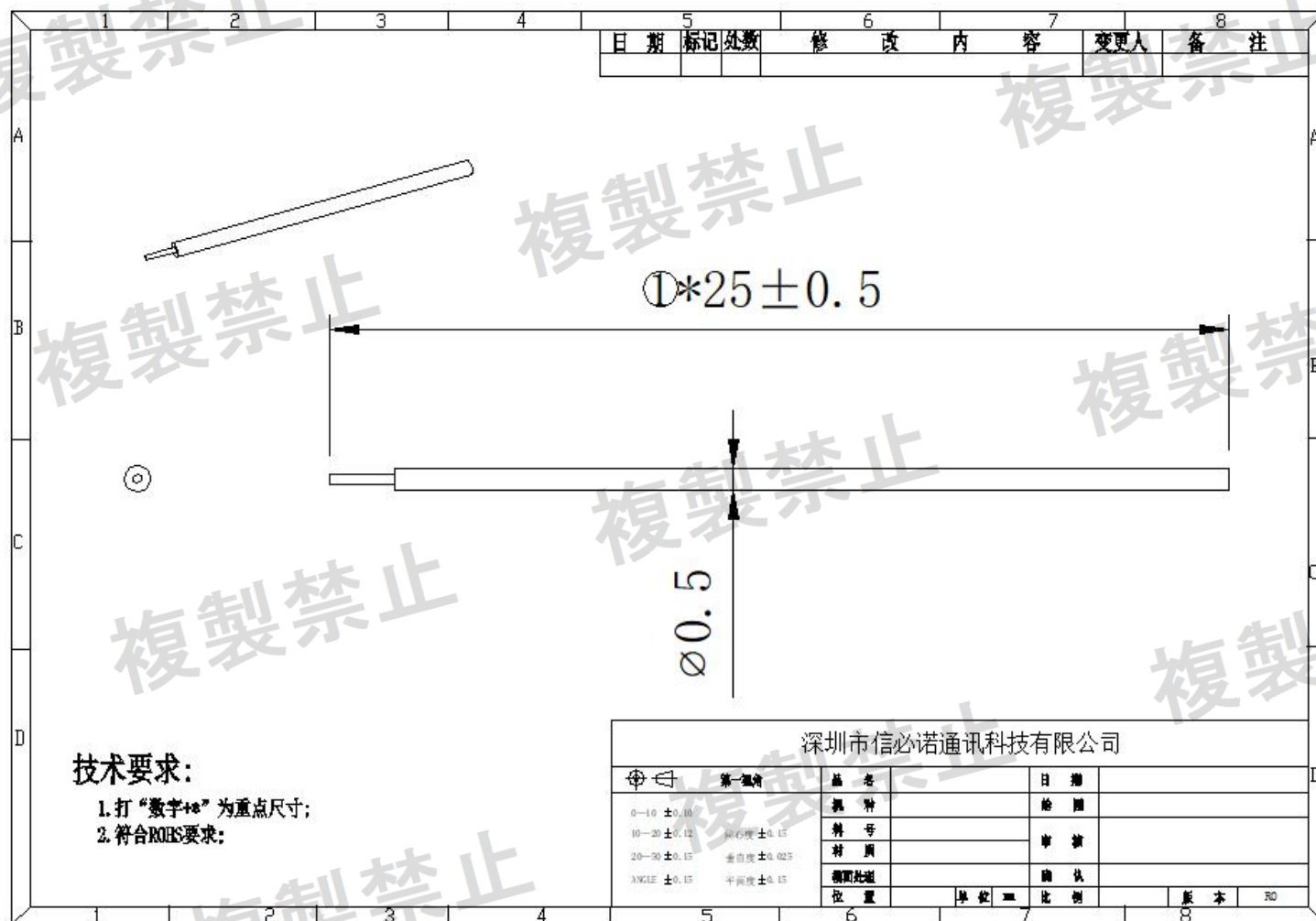
Machine debugging information: as shown in the figure.



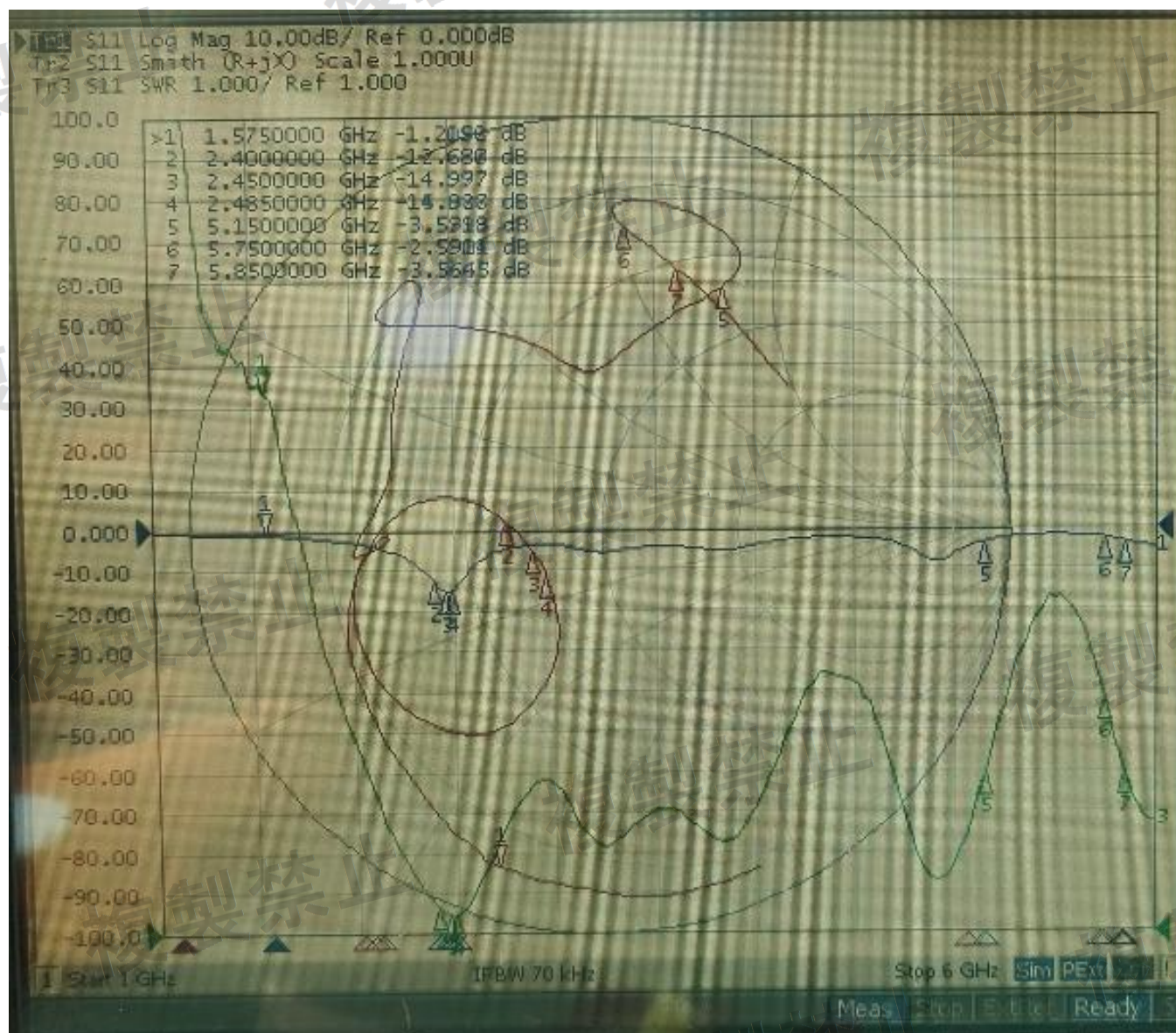
## 一. 天线pattern



## II. Antenna Specifications



## 3. Return Loss



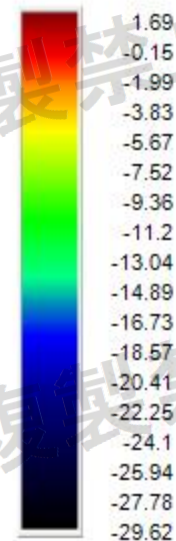
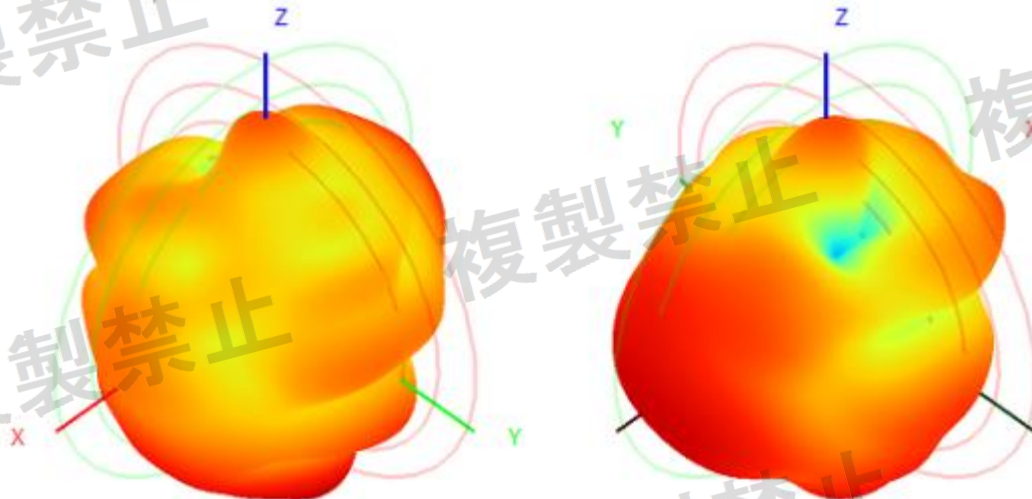
## 四.增益-Free Space.

| Freq.(MHz) | 2400 | 2410 | 2420 | 2430 | 2440 | 2450 | 2460 | 2470 | 2480 | 2490 | 2500 |
|------------|------|------|------|------|------|------|------|------|------|------|------|
| Gain(dBi)  | 1.69 | 2.14 | 2.48 | 2.12 | 1.99 | 2.37 | 2.07 | 2.41 | 2.49 | 2.52 | 2.78 |

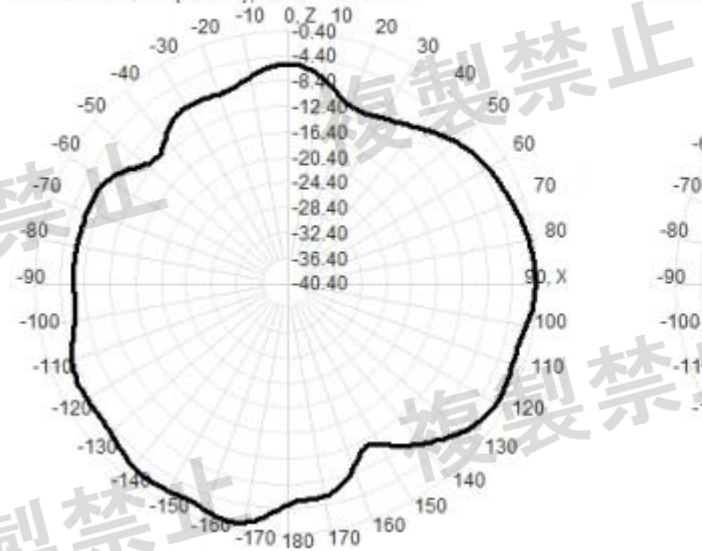
## 5. 3D Models

2400.0MHz Total, Eff: 25.7%

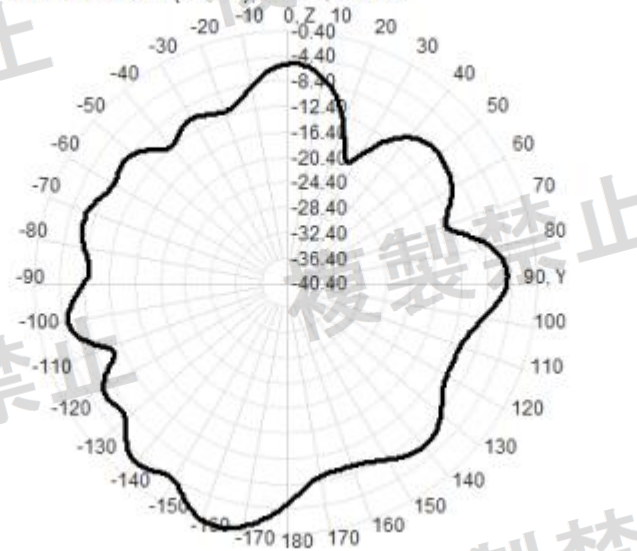
Back View



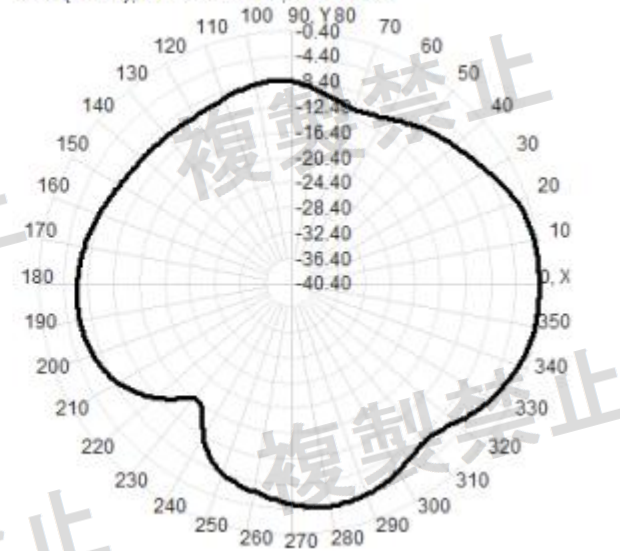
2400.0MHz Total(E1-XZ), Max=-1.02dBi



2400.0MHz Total(E2-YZ), Max=-0.40dBi



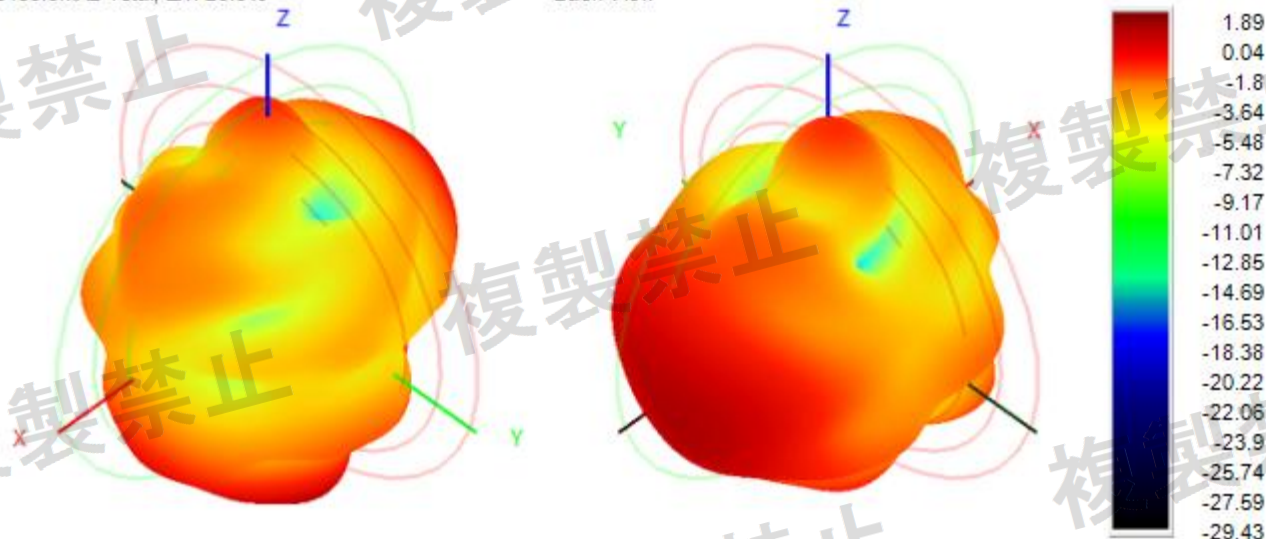
Total(H-XY), Max=-1.00dBi, CirD=15.77



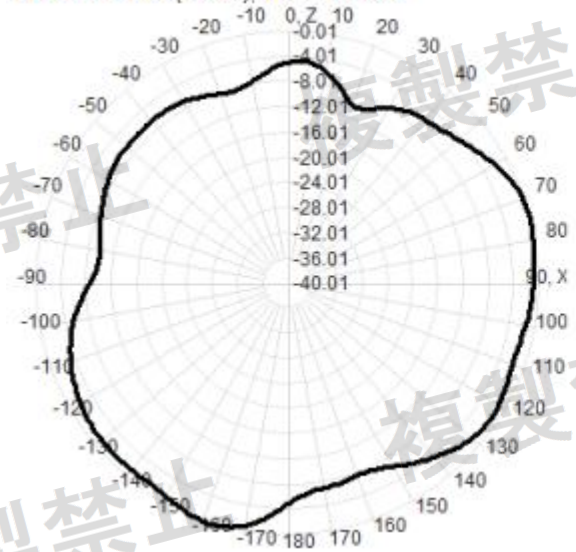
## 5. 3D Model

2460.0MHz Total, Eff: 26.9%

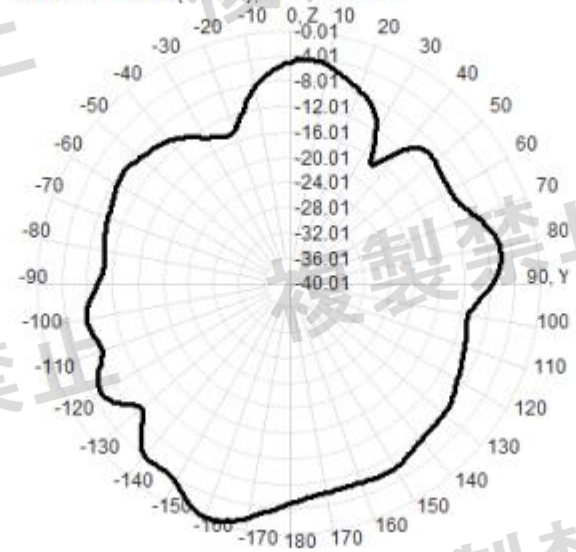
Back View



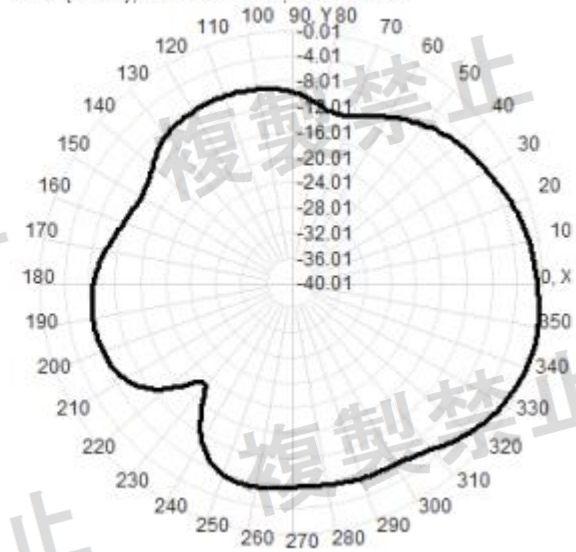
2460.0MHz Total(E1-XZ), Max=-0.01dBi



2460.0MHz Total(E2-YZ), Max=-0.58dBi



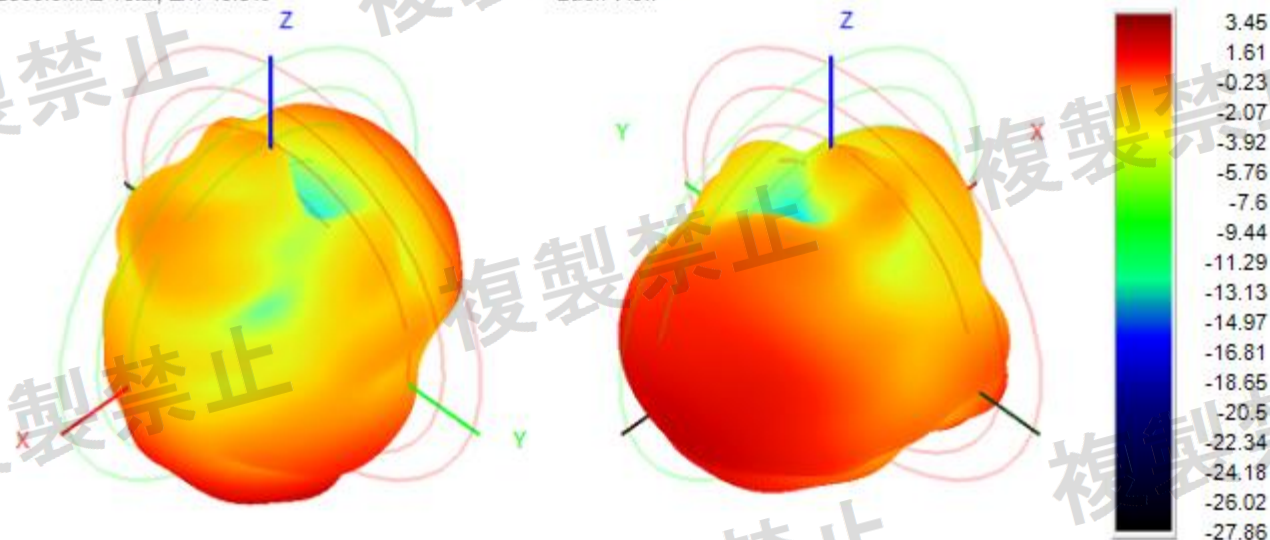
Total(H-XY), Max=-0.24dBi, CirD=18.88



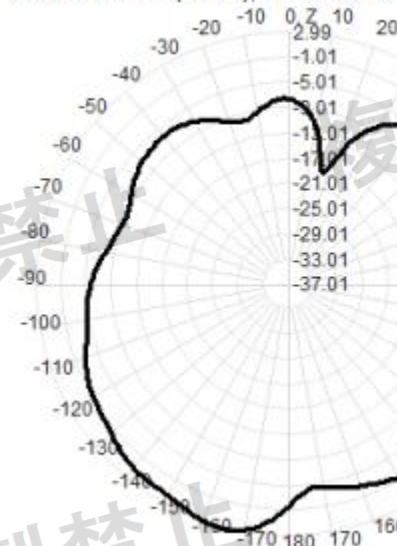
## 5. 3D Models

2500.0MHz Total, Eff: 40.3%

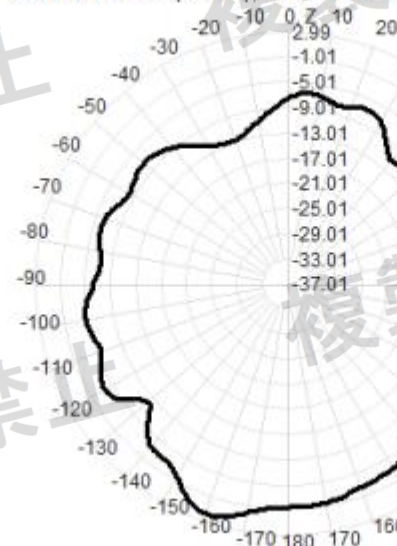
Back View



2500.0MHz Total(E1-XZ), Max= 2.99dBi



2500.0MHz Total(E2-YZ), Max= 1.46dBi



Total(H-XY), Max= 0.84dBi, CirD=18.39

