



## Sample specification sheet

Antenna Model Name: RTX1290

Antenna Type: FPC

Gain (dBi): 2.82

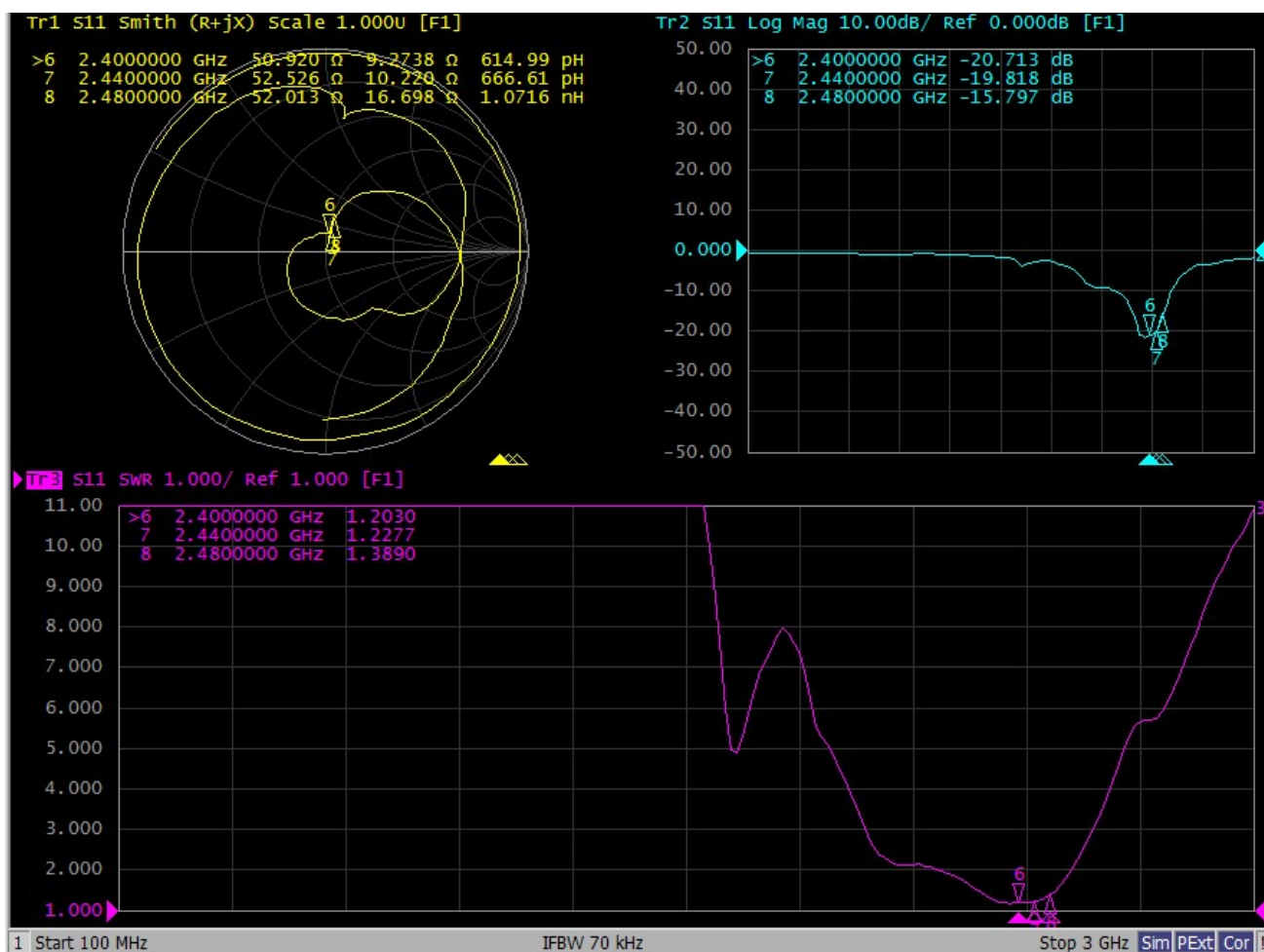


# 1. Passive test report



Angilent E5071C

## BT antenna S parameters

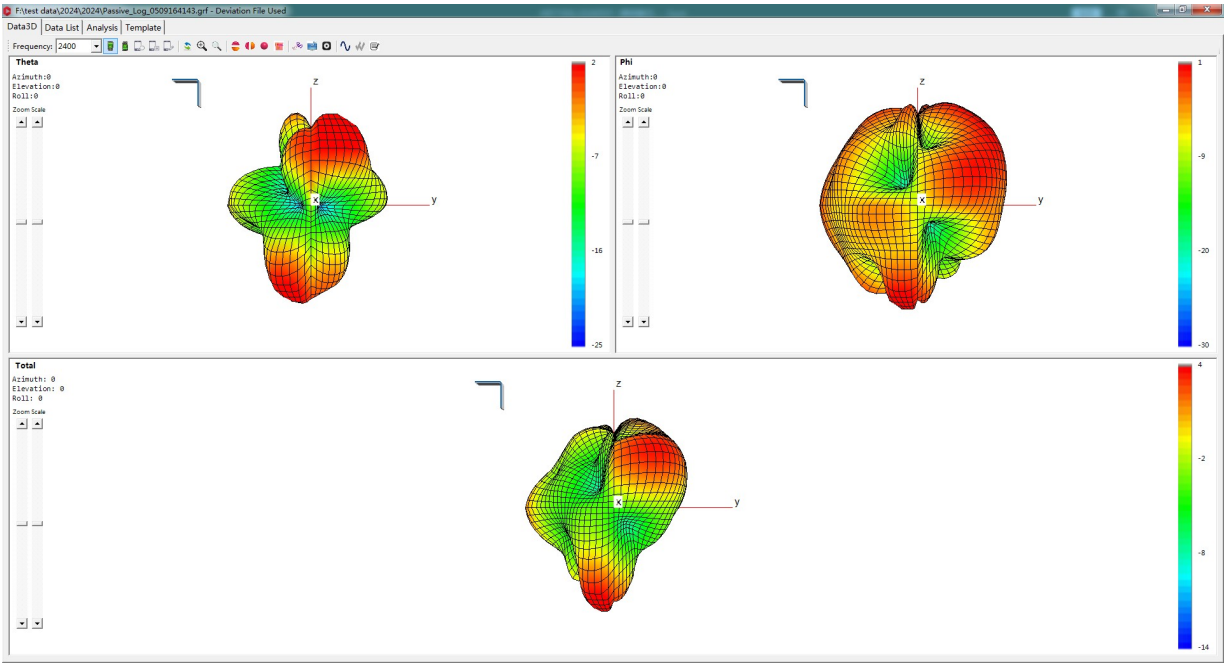




Passive efficiency of BT antenna

| Fre. | Gain: dBi | Efficiency db | Efficiency % |
|------|-----------|---------------|--------------|
| 2400 | 2.74      | -2.89         | 51.38        |
| 2410 | 2.82      | -2.83         | 52.09        |
| 2420 | 2.80      | -2.77         | 52.86        |
| 2430 | 2.72      | -2.88         | 51.49        |
| 2440 | 2.53      | -2.94         | 50.78        |
| 2450 | 2.28      | -2.92         | 51.08        |
| 2460 | 1.96      | -3.02         | 49.92        |
| 2470 | 2.09      | -2.82         | 52.27        |
| 2480 | 2.08      | -2.75         | 53.07        |
| Avg. | 2.45      | -2.87         | 51.66        |

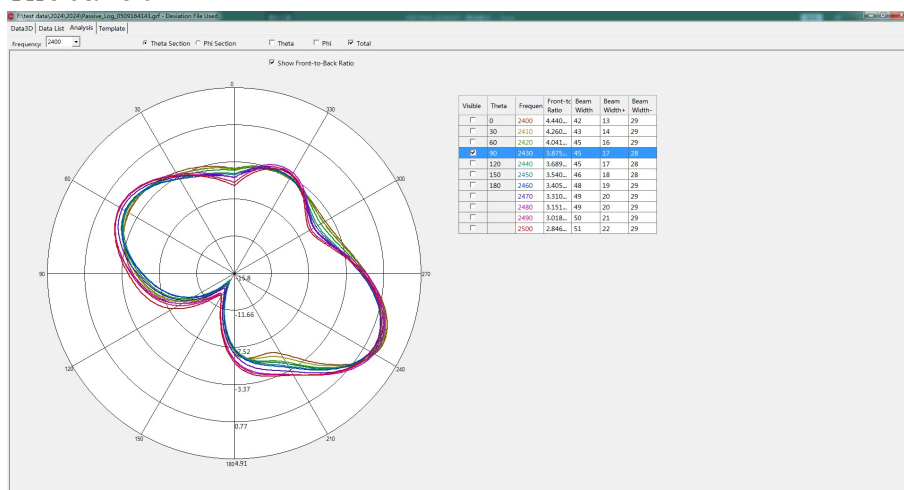
BT antenna passive 3D antenna diagram



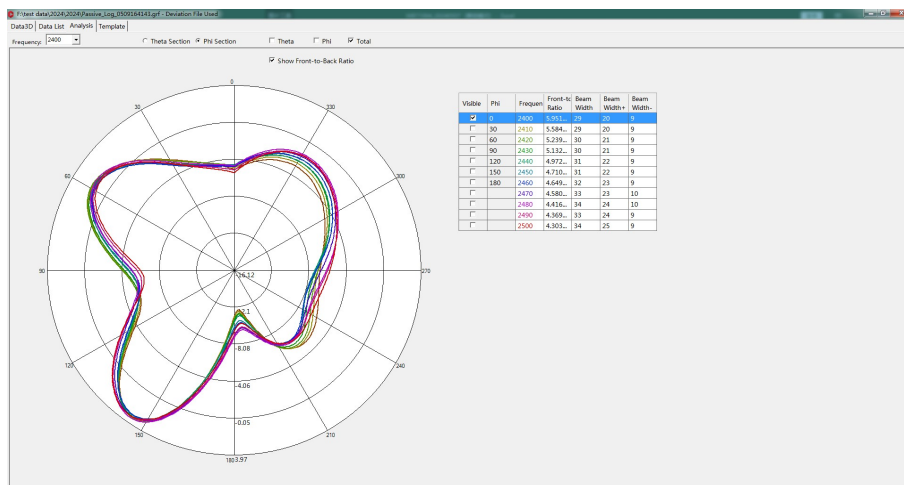


# BT antenna passive 2D antenna diagram

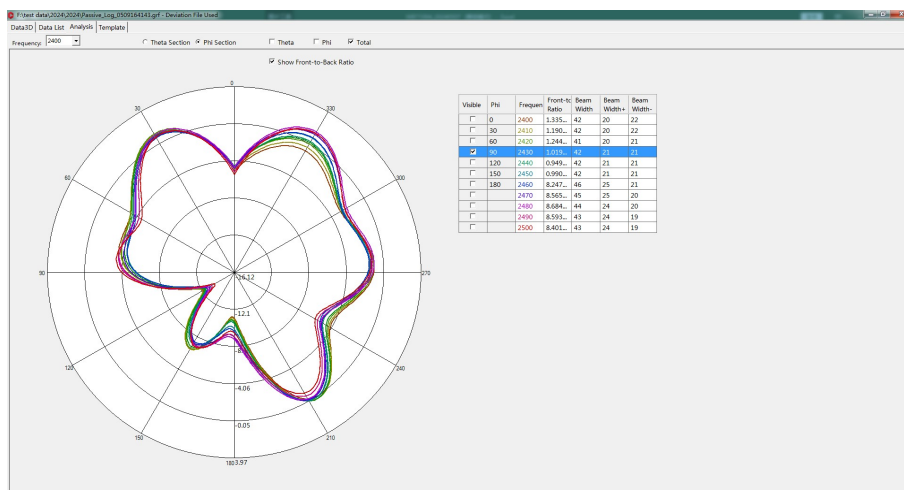
Theta=90°



Phi=0°



Phi=90°





## 2. Structural file diagram

