



# V150 天线规格

## Antenna Specification

### Electrical Properties

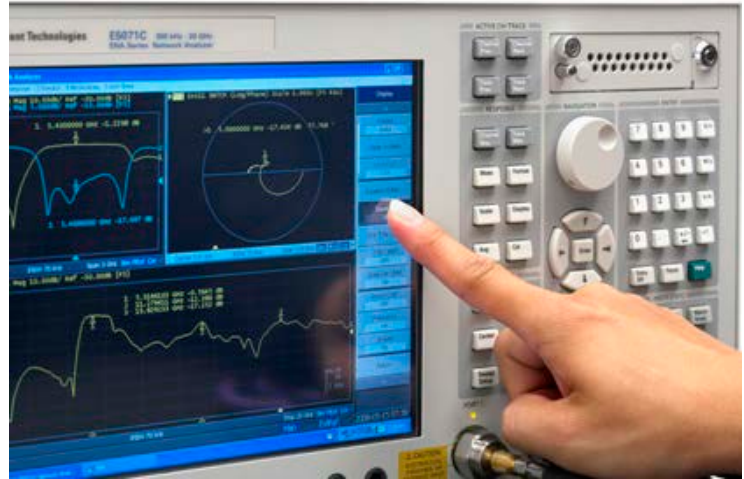
|              |                  |
|--------------|------------------|
| Frequency    | 2.4-2.5GHz       |
| Impedance    | 50 Ohm Nominal   |
| V.S.W.R      | 2.0 Max          |
| Gain         | 2.2 dBi          |
| Radiation    | Omni-directional |
| Polarization | Linear           |

### Physical Properties

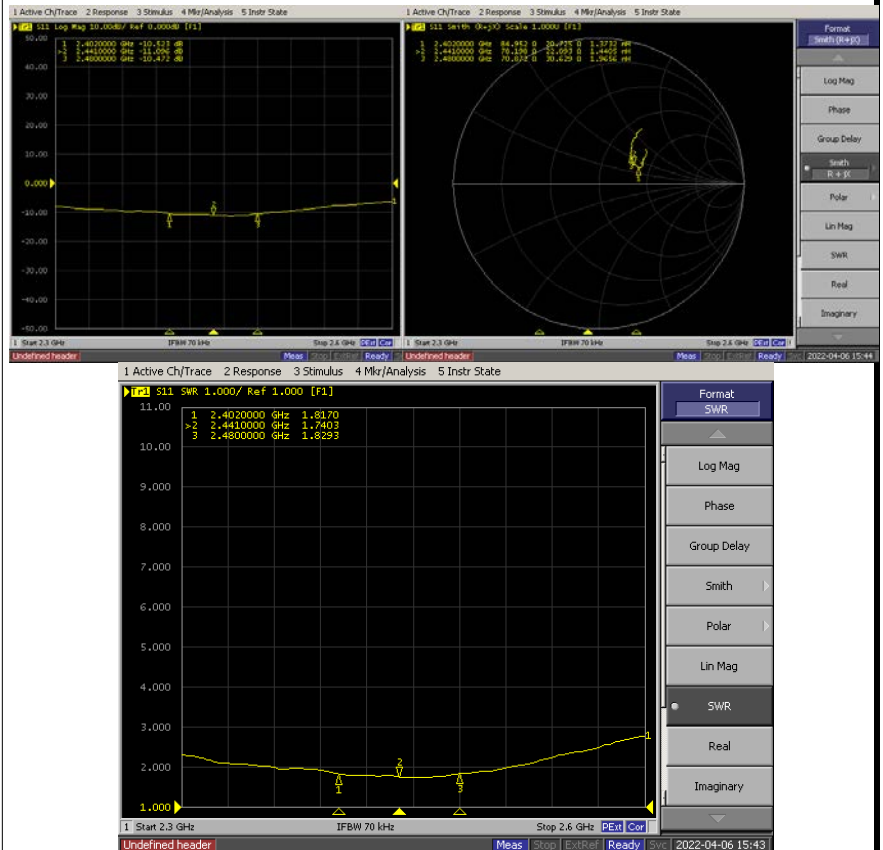
|                         |               |
|-------------------------|---------------|
| Connector               | NA            |
| Cable Type              | NA            |
| Cable Length            | NA            |
| Cable Color             | NA            |
| Operating Temp.         | -40 ~ +85 °C  |
| Storage Temp / Humidity | 25±5°C / <70% |

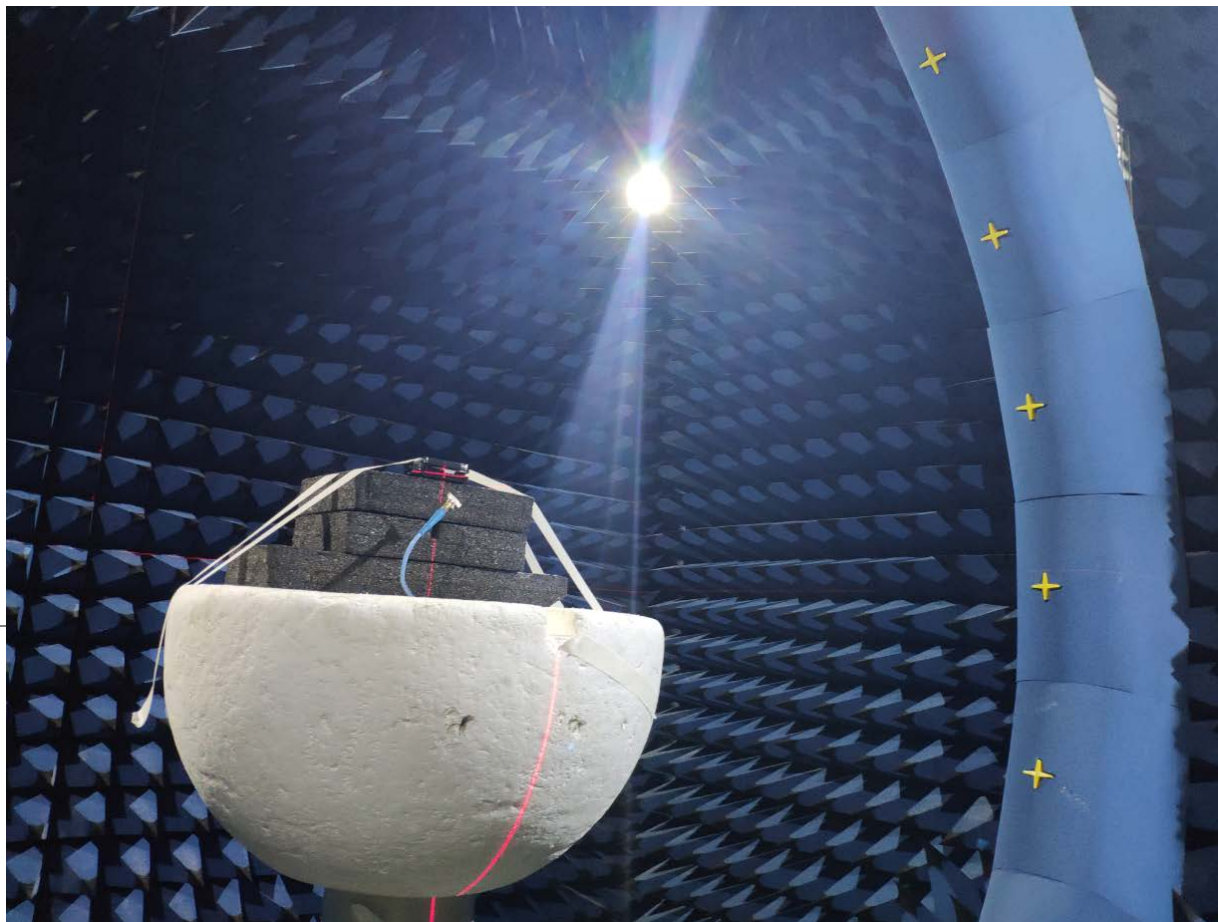


# Agilent E5071B



# S Parameter Test // BT Antenna







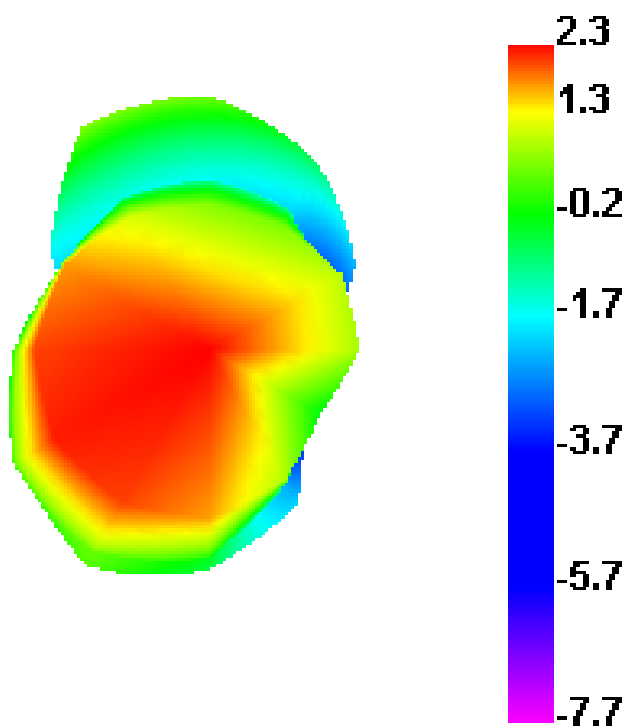
## Passive Test For BT

| Freq<br>(MHz) | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) |
|---------------|-------------|--------------|---------------|
| 2400          | 48.1        | -3.1         | 2.1           |
| 2410          | 48.9        | -3.0         | 2.2           |
| 2420          | 49.0        | -3.0         | 2.2           |
| 2430          | 49.0        | -3.1         | 2.01          |
| 2440          | 49.4        | -3.2         | 2.01          |
| 2450          | 49.8        | -2.9         | 2.03          |
| 2460          | 49.8        | -2.9         | 2.03          |
| 2470          | 49.8        | -2.8         | 2.11          |
| 2480          | 49.9        | -2.8         | 2.1           |
| 2490          | 50          | -2.7         | 2.1           |
| 2500          | 50          | -2.7         | 2.1           |



## Radiation Pattern For BT Antenna

**2450.000MHz**





*Device*



# ***BT Antenna***

