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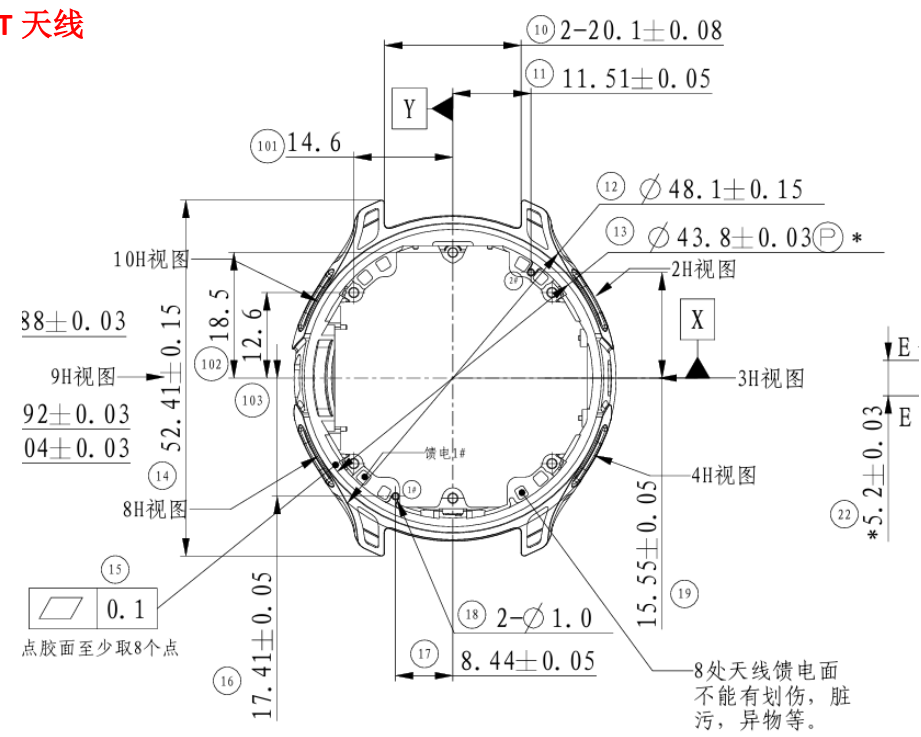
## Antenna specifications

### Electrical Characteristics Description

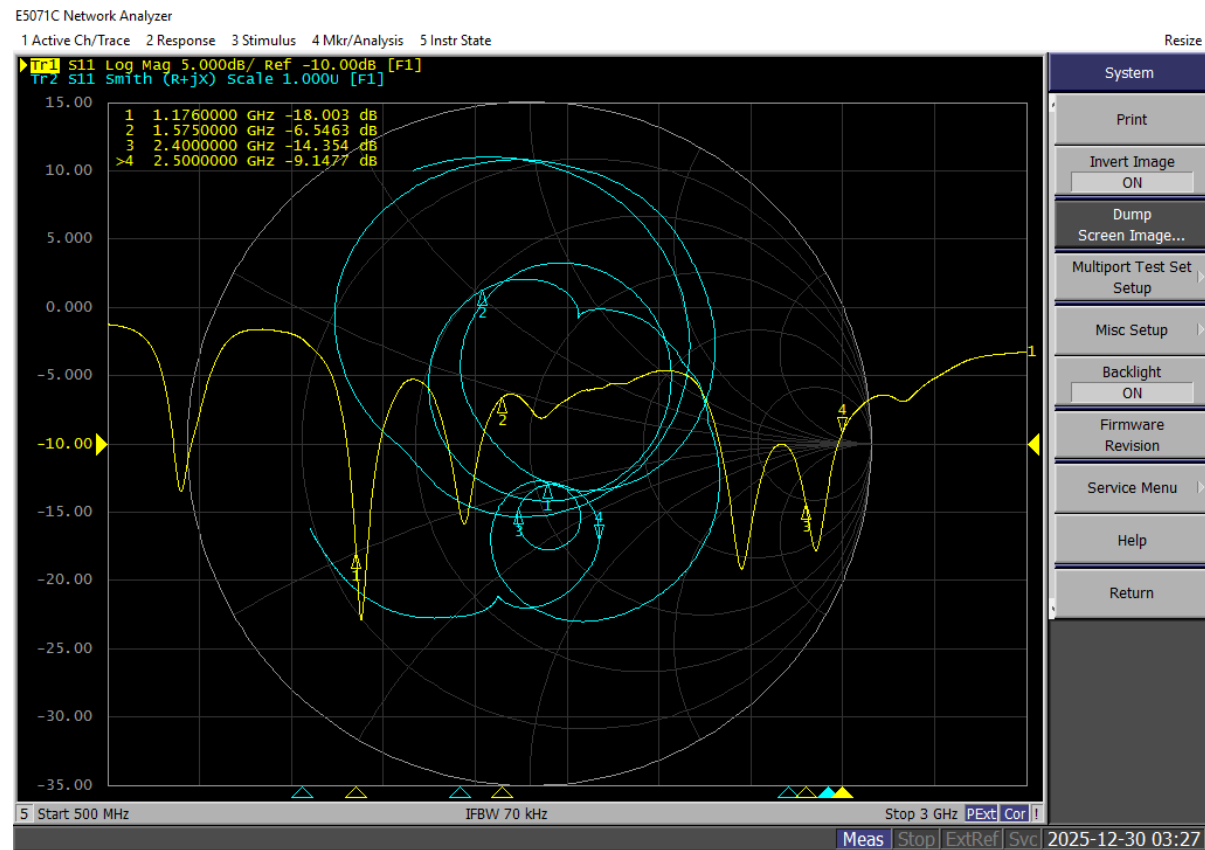
|                               |                       |                                 |                                              |
|-------------------------------|-----------------------|---------------------------------|----------------------------------------------|
| <b>Model:</b>                 | Windermere BT antenna |                                 |                                              |
| <b>Transmitter Frequency:</b> | 2400 MHz-2483.5 MHz   |                                 |                                              |
| <b>Receiver Frequency:</b>    | 2400 MHz-2483.5 MHz   |                                 |                                              |
| <b>Antenna information:</b>   | <b>Antenna Name</b>   | <b>Model(s)/Type(s)</b>         |                                              |
|                               | RF Antenna Assembly   | Model/Part Number:              | Windermere BT                                |
|                               |                       | Manufacturer:                   | Anhui Huami Information Technology Co., Ltd. |
|                               |                       | Frequency Range:                | 2400 MHz-2483.5 MHz                          |
|                               |                       | Connector Type/<br>Maximum Gain | -4.37dBi                                     |
|                               |                       | Antenna Type/<br>Pattern:       | metal antenna                                |
|                               |                       | Antenna Size                    | 中框: C=151.34mm                               |
|                               |                       | Measurement:                    | See below                                    |

Dimensions See Fig.1 .

金属中框为 BT 天线



## Electrical Performance



S11 parameter test result as Fig.2.

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Table 1 shows the emission efficiency and the maximum gain of the antenna at different frequencies changes.

| 频率/MHz | 效率/dB  | 增益/dBi | 效率/%  |
|--------|--------|--------|-------|
| 2400   | -9.8   | -4.72  | 10.46 |
| 2410   | -9.56  | -4.53  | 11.05 |
| 2420   | -9.35  | -4.42  | 11.61 |
| 2430   | -9.18  | -4.37  | 12.09 |
| 2440   | -9.07  | -4.37  | 12.39 |
| 2450   | -9.04  | -4.45  | 12.48 |
| 2460   | -9.14  | -4.67  | 12.18 |
| 2470   | -9.32  | -4.91  | 11.69 |
| 2480   | -9.53  | -5.21  | 11.13 |
| 2490   | -9.83  | -5.61  | 10.4  |
| 2500   | -10.15 | -5.98  | 9.65  |

Table 1Max. Gain and Efficiency Vs. Frequency(Free space)

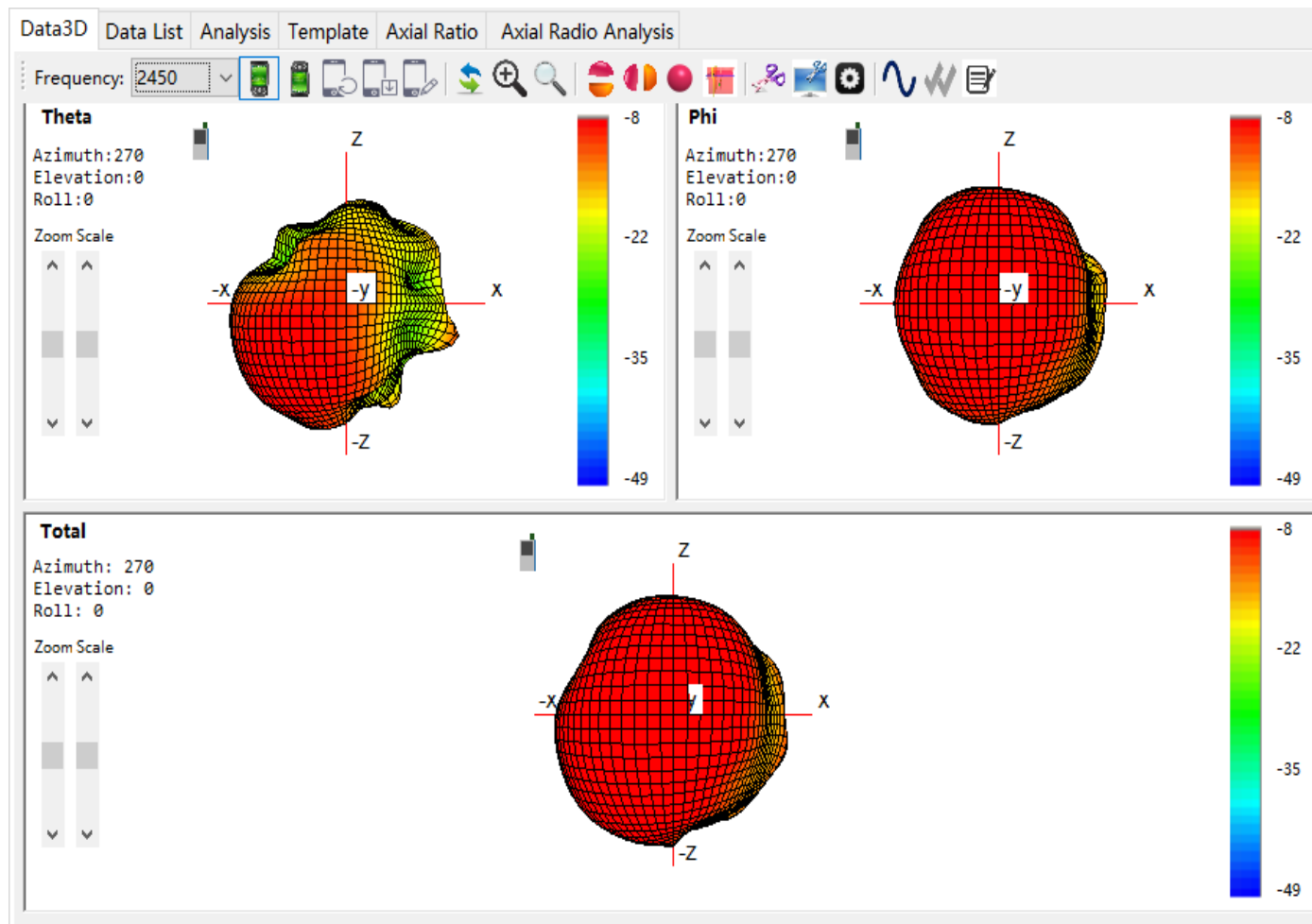


Fig. 3 antenna radiation pattern diagram