



## Antenna specification

Manufacturer: Jiexuntong

Model: DC130-ANT

Frequency range: 2400-2500MHz

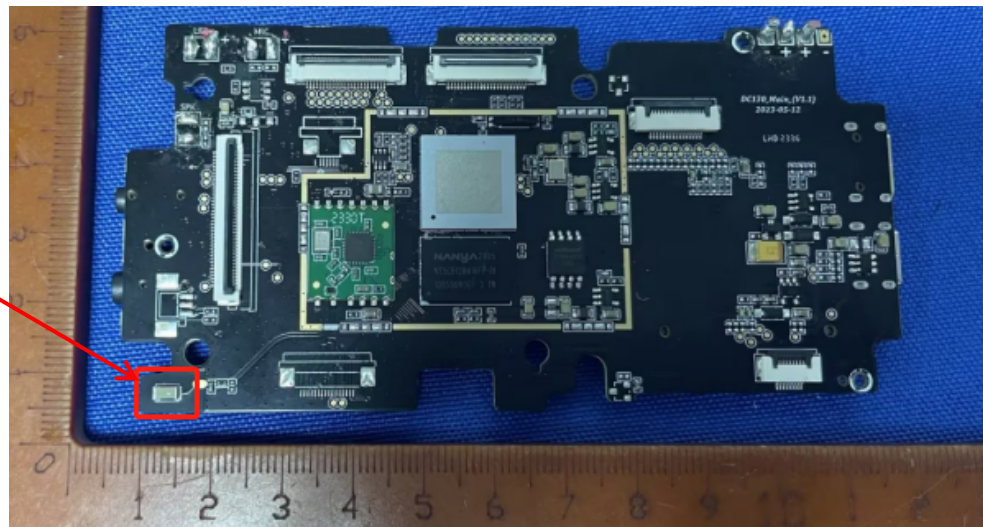
Max antenna gain: -1.68dBi

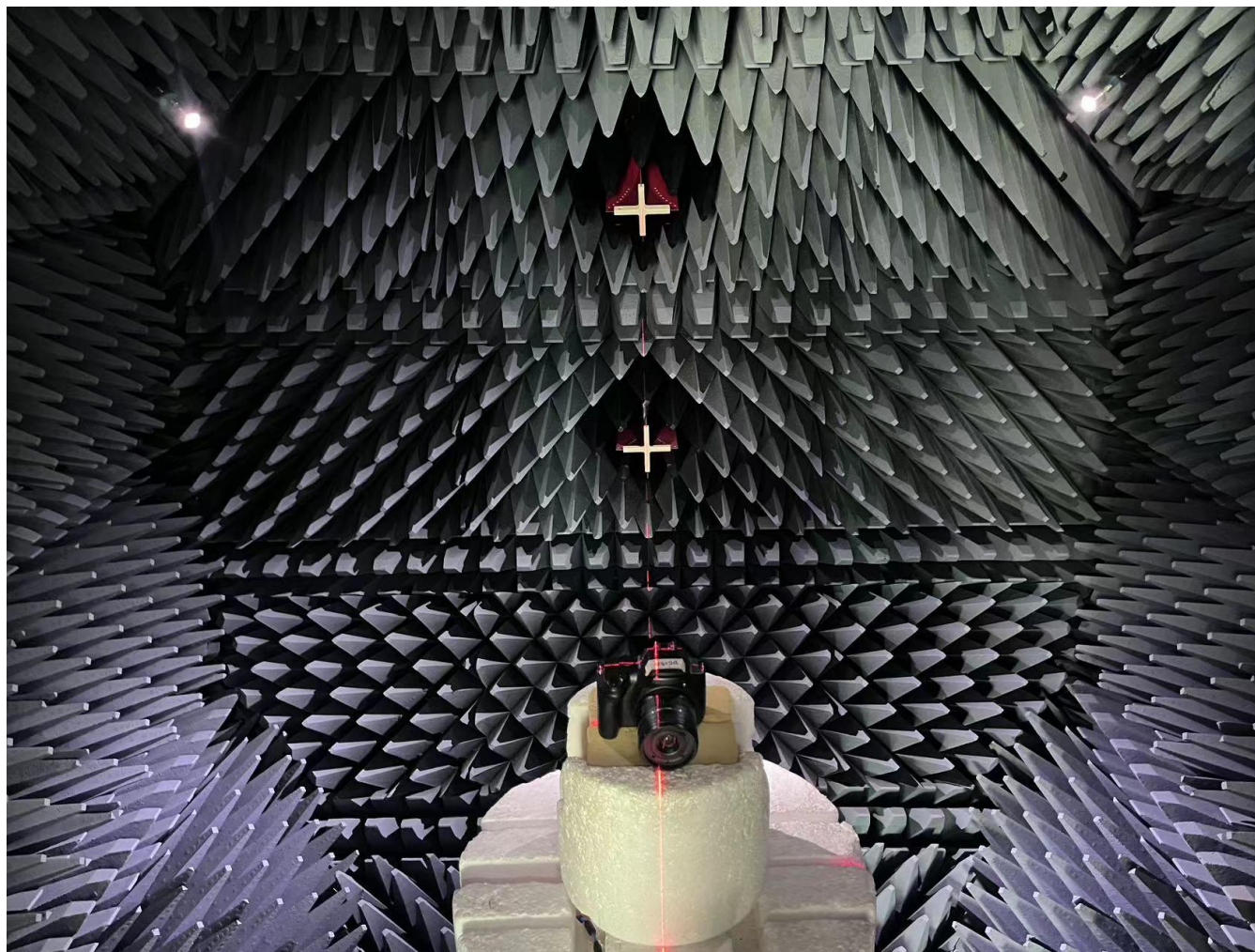
Test items and equipment systems

| Test project | Measuring parameter       | Test equipment                                                                           |
|--------------|---------------------------|------------------------------------------------------------------------------------------|
|              | VSWR; Return Loss; Smith; | 安捷伦E5071B                                                                                |
|              | TRP; TIS                  | R&S CMW500 (2/3/4/5G+NB-IoT+WIFI/BT) ;Anritsu MT8000A<br>Anechoic chamber: 3*3*3 GTS2800 |

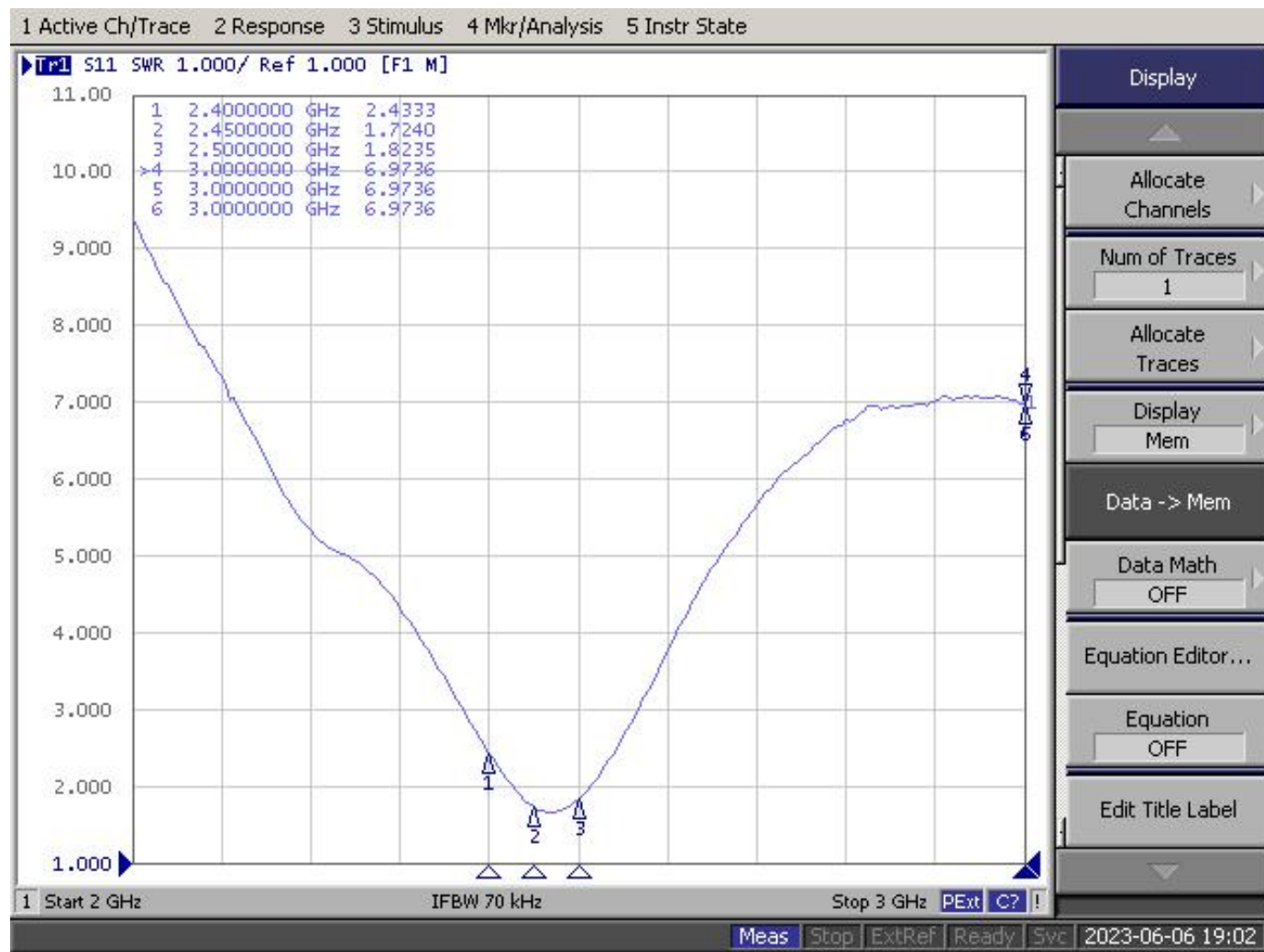


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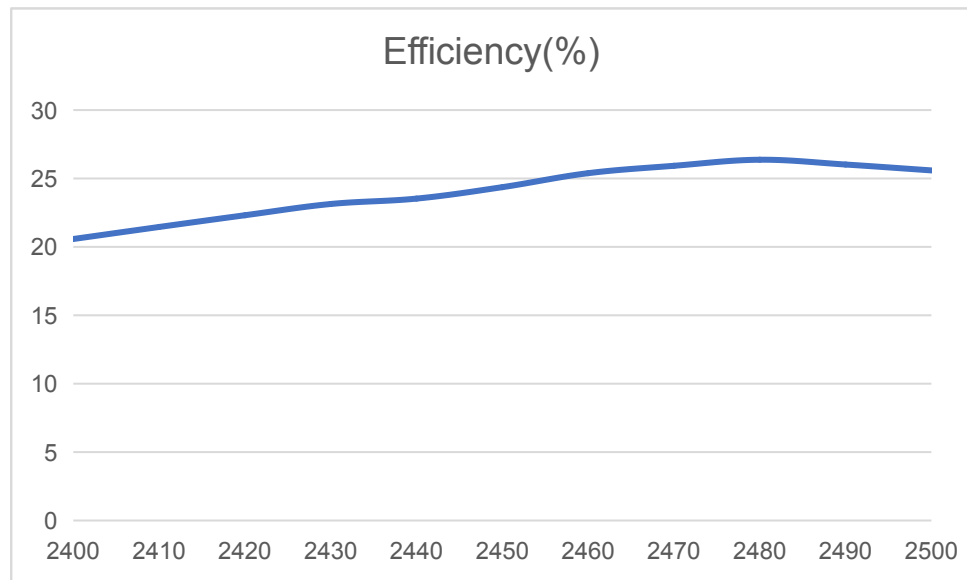
## VSWR



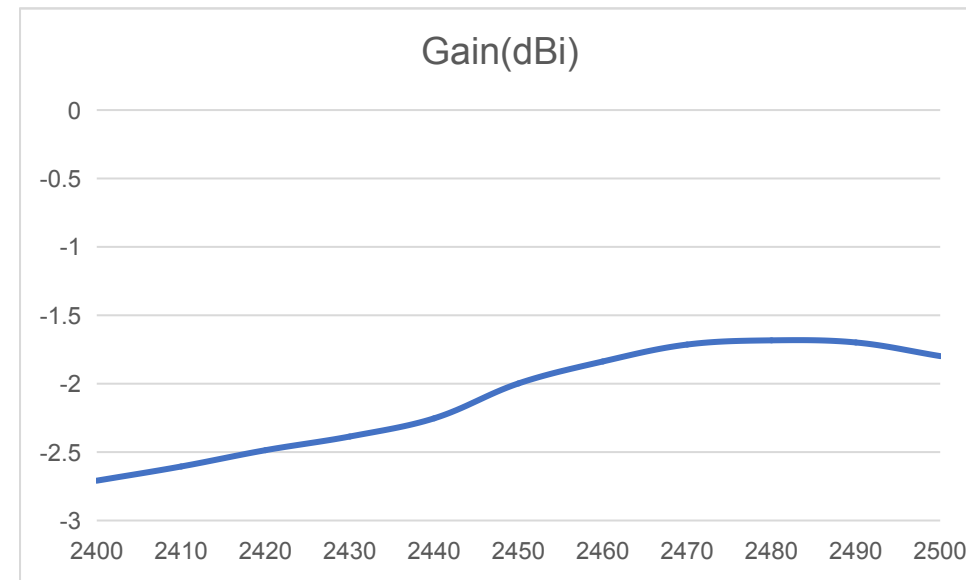
## Antenna Gain/ Efficiency

| Freq (MHz) | Gain (dBi)   | Efficiency (dB) | Efficiency (%) |
|------------|--------------|-----------------|----------------|
| 2400       | -2.708772234 | -6.866319277    | 20.57633739    |
| 2410       | -2.605248369 | -6.684511526    | 21.45600429    |
| 2420       | -2.485986576 | -6.514458626    | 22.31280333    |
| 2430       | -2.386061809 | -6.357215887    | 23.13547451    |
| 2440       | -2.253150409 | -6.283880547    | 23.52945919    |
| 2450       | -1.998026692 | -6.132120547    | 24.36620789    |
| 2460       | -1.837499222 | -5.953856943    | 25.38717085    |
| 2470       | -1.713856273 | -5.862380562    | 25.92757766    |
| 2480       | -1.683124826 | -5.788874656    | 26.37014601    |
| 2490       | -1.698594509 | -5.846974215    | 26.01971759    |
| 2500       | -1.79837951  | -5.919397931    | 25.58940612    |

Efficiency line chart



Gain line chart





THANKS FOR YOU