

# WIT700A Antenna Data

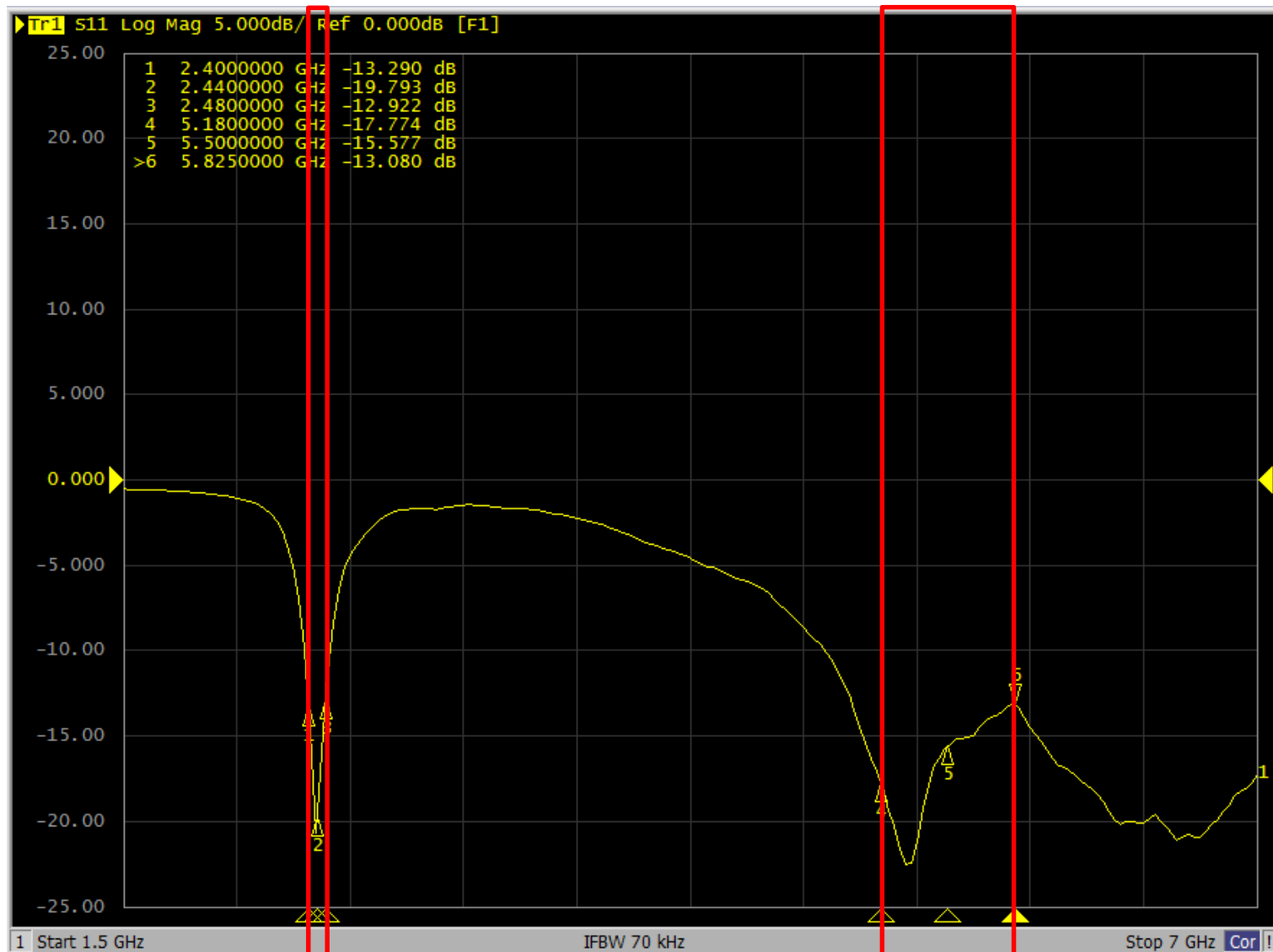
SJIT

Seongji Industrial Co., Ltd.  
54-33, Dongtanhana 1-gil, Hwaseong-si, Gyeonggi-do, Republic of Korea

2023. 12. 04

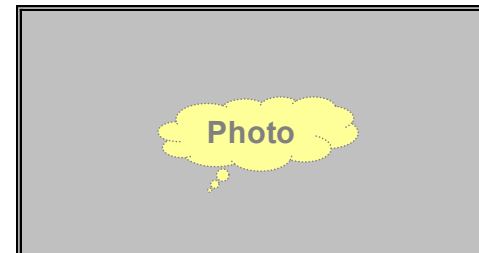


# WIT700A Passive TEST - Return Loss

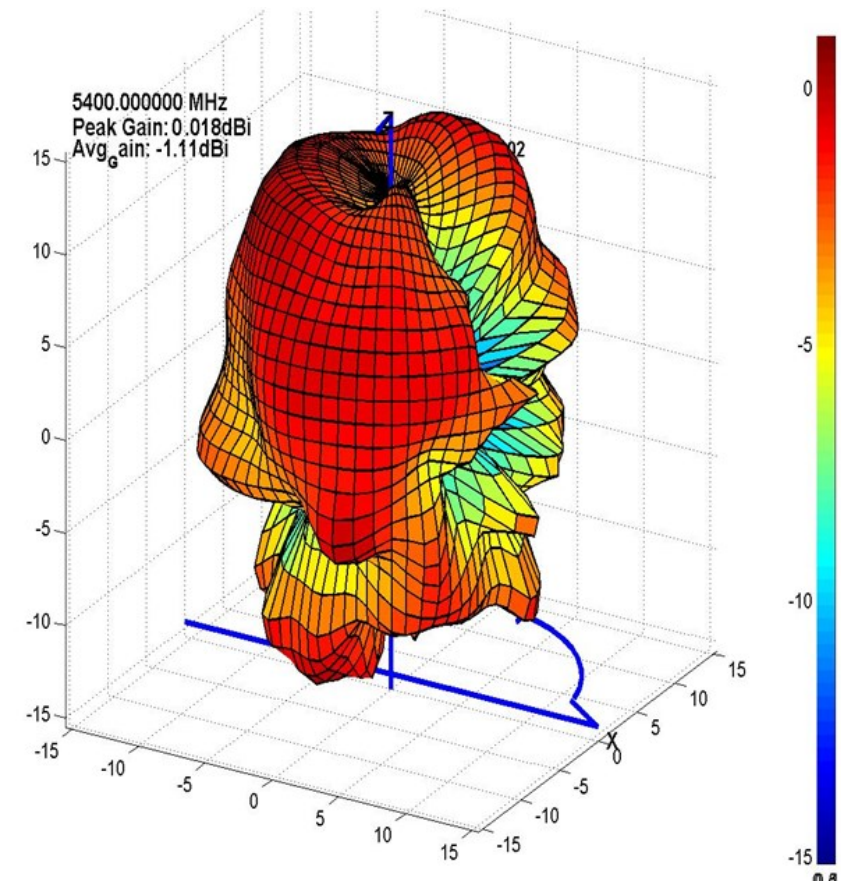
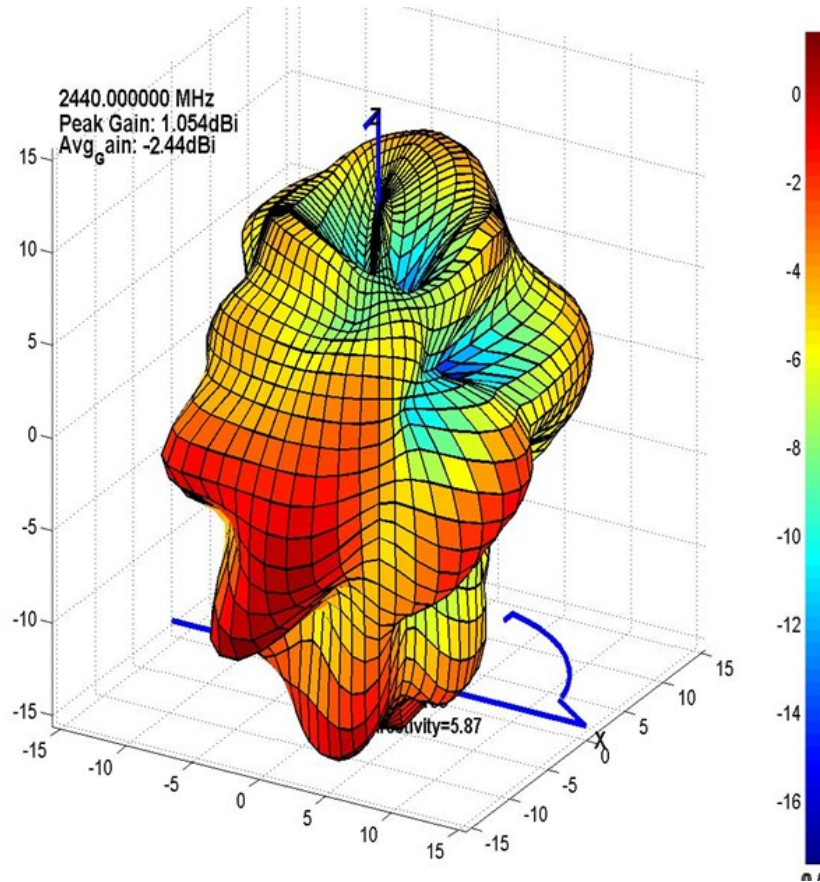


## Antenna Pattern & Gain Report

|              |                        |
|--------------|------------------------|
| Manufacturer | SJIT                   |
| Model Name   | WIT700C                |
| Tester Name  | JWYang                 |
| Test Date    | 2023-09-19 오전 11:09:28 |
| IF BW        | 100 Hz                 |
| Port Power   | 0.00 dBm               |
| Meas Step    | 15 `                   |



| Frequency       | Efficiency | Max Gain |          |          | Max Position    | Directivity |
|-----------------|------------|----------|----------|----------|-----------------|-------------|
|                 |            | Ver      | Hor      | Total    |                 |             |
| 2400.000000 MHz | 31.8 %     | -6.9 dBi | -2.6 dBi | -2.2 dBi | Theta90/Pie315  | 1.67 dB     |
| 2410.000000 MHz | 38.7 %     | -6.4 dBi | -2.0 dBi | -1.4 dBi | Theta90/Pie300  | 1.96 dB     |
| 2420.000000 MHz | 39.7 %     | -6.2 dBi | -1.9 dBi | -1.2 dBi | Theta90/Pie300  | 2.08 dB     |
| 2430.000000 MHz | 38.8 %     | -6.4 dBi | -1.9 dBi | -1.1 dBi | Theta90/Pie300  | 2.22 dB     |
| 2440.000000 MHz | 38.3 %     | -6.5 dBi | -1.8 dBi | -1.1 dBi | Theta90/Pie300  | 2.33 dB     |
| 2450.000000 MHz | 39.2 %     | -6.4 dBi | -1.8 dBi | -0.9 dBi | Theta90/Pie300  | 2.41 dB     |
| 2460.000000 MHz | 39.0 %     | -6.3 dBi | -1.8 dBi | -0.8 dBi | Theta90/Pie300  | 2.49 dB     |
| 2470.000000 MHz | 39.1 %     | -6.1 dBi | -1.8 dBi | -0.8 dBi | Theta90/Pie300  | 2.53 dB     |
| 2480.000000 MHz | 49.5 %     | -5.2 dBi | -1.1 dBi | -0.1 dBi | Theta90/Pie300  | 2.57 dB     |
| 5180.000000 MHz | 62.6 %     | -1.5 dBi | -0.9 dBi | 0.9 dBi  | Theta135/Pie255 | 2.83 dB     |
| 5260.000000 MHz | 53.6 %     | -2.1 dBi | -1.9 dBi | 0.2 dBi  | Theta135/Pie255 | 2.66 dB     |
| 5320.000000 MHz | 53.5 %     | -2.4 dBi | -1.9 dBi | 0.0 dBi  | Theta135/Pie255 | 2.40 dB     |
| 5400.000000 MHz | 55.2 %     | -2.3 dBi | -1.6 dBi | 0.0 dBi  | Theta135/Pie255 | 2.33 dB     |
| 5500.000000 MHz | 41.6 %     | -2.9 dBi | -2.2 dBi | -0.8 dBi | Theta135/Pie255 | 2.36 dB     |
| 5600.000000 MHz | 45.0 %     | -2.4 dBi | -2.0 dBi | -0.4 dBi | Theta120/Pie270 | 2.50 dB     |
| 5785.000000 MHz | 43.1 %     | -2.7 dBi | -2.4 dBi | -0.7 dBi | Theta135/Pie255 | 2.42 dB     |
| 5825.000000 MHz | 36.9 %     | -3.2 dBi | -2.8 dBi | -1.2 dBi | Theta135/Pie255 | 2.33 dB     |
|                 |            |          |          |          |                 |             |
|                 |            |          |          |          |                 |             |
|                 |            |          |          |          |                 |             |
|                 |            |          |          |          |                 |             |
|                 |            |          |          |          |                 |             |
|                 |            |          |          |          |                 |             |
|                 |            |          |          |          |                 |             |



감사합니다.