

# Antenna Specification

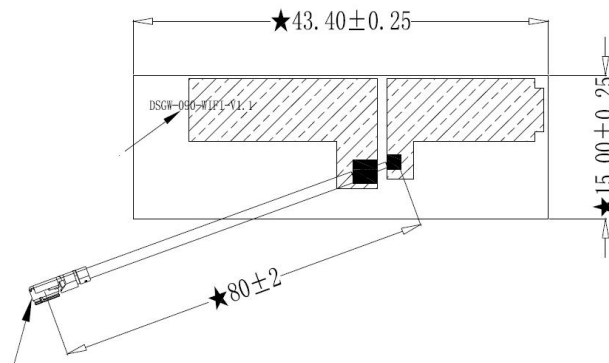
## Specifications

### Summary

| ITEM                 | SPEC.            |
|----------------------|------------------|
| Model Name           | DSGW-090-WIFI    |
| Center Frequency     | 2440MHz          |
| MAX. GAIN            | 0.95 dBi         |
| Polarization         | Horizontal       |
| Azimuth Beam Pattern | Omni-directional |
| Impedance            | 50 $\Omega$      |
| Antenna Length       | 43 mm            |
| BRAND                | DUSUN            |
| ANTENNA TYPE         | FPC              |
| Connect type         | IPEX             |

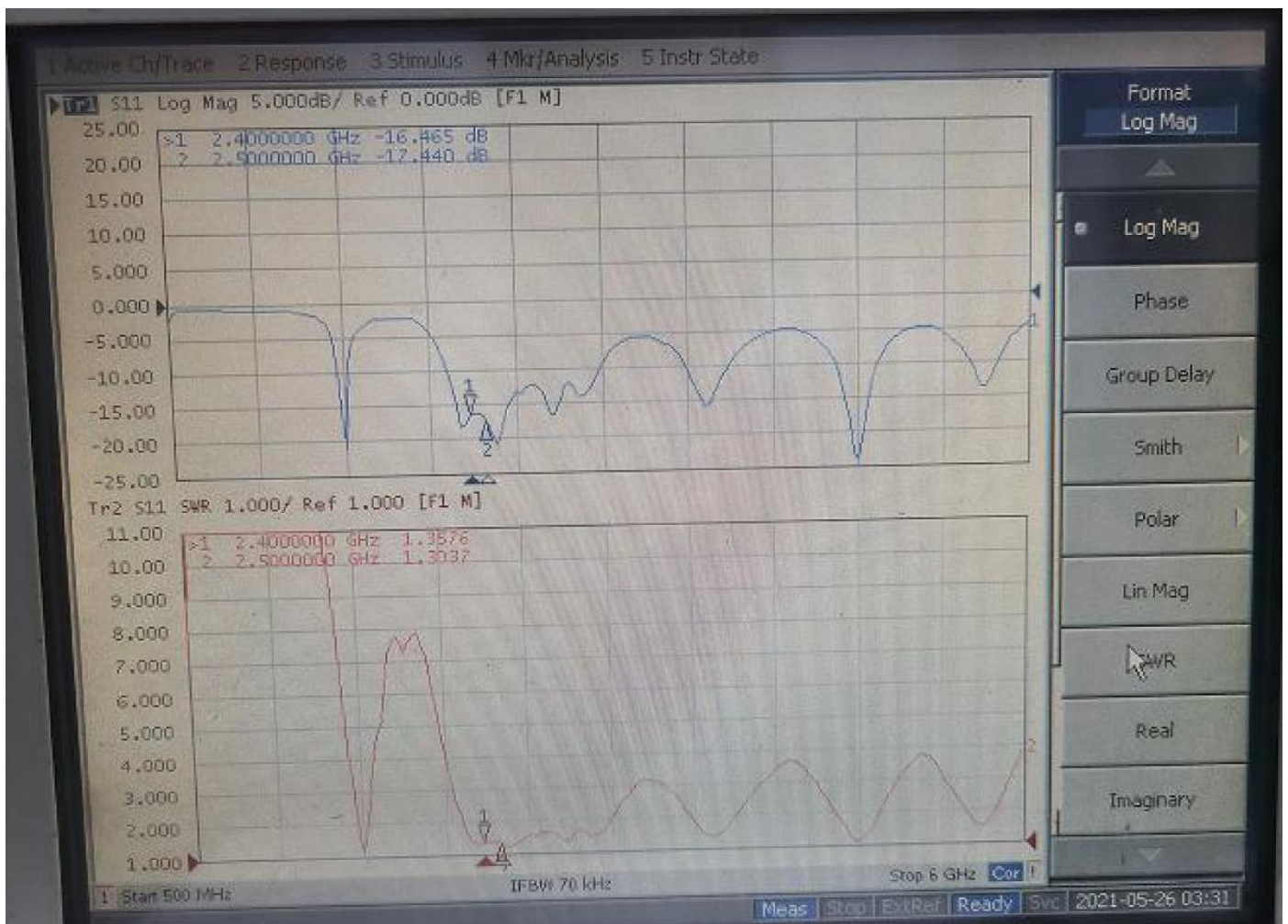
## Antenna Photo & Length

43.4mm\*15mm



## VSWR:

2440Mhz VSWR = 1.3



**Gain and efficiency**

| Freq(MHz) | Gain(dBi) | Efficiency(dB) | Efficiency(%) |
|-----------|-----------|----------------|---------------|
| 2400      | 0.95      | -3.58          | 43.81         |
| 2410      | 0.89      | -3.64          | 43.30         |
| 2420      | 0.71      | -3.66          | 43.01         |
| 2430      | 0.65      | -3.66          | 43.10         |
| 2440      | 0.65      | -3.63          | 43.40         |
| 2450      | 0.81      | -3.42          | 45.45         |
| 2460      | 0.88      | -3.34          | 46.33         |
| 2470      | 0.72      | -3.20          | 47.87         |
| 2480      | 0.59      | -3.17          | 48.19         |
| 2490      | 0.48      | -3.10          | 48.97         |
| 2500      | 0.24      | -3.23          | 47.59         |