

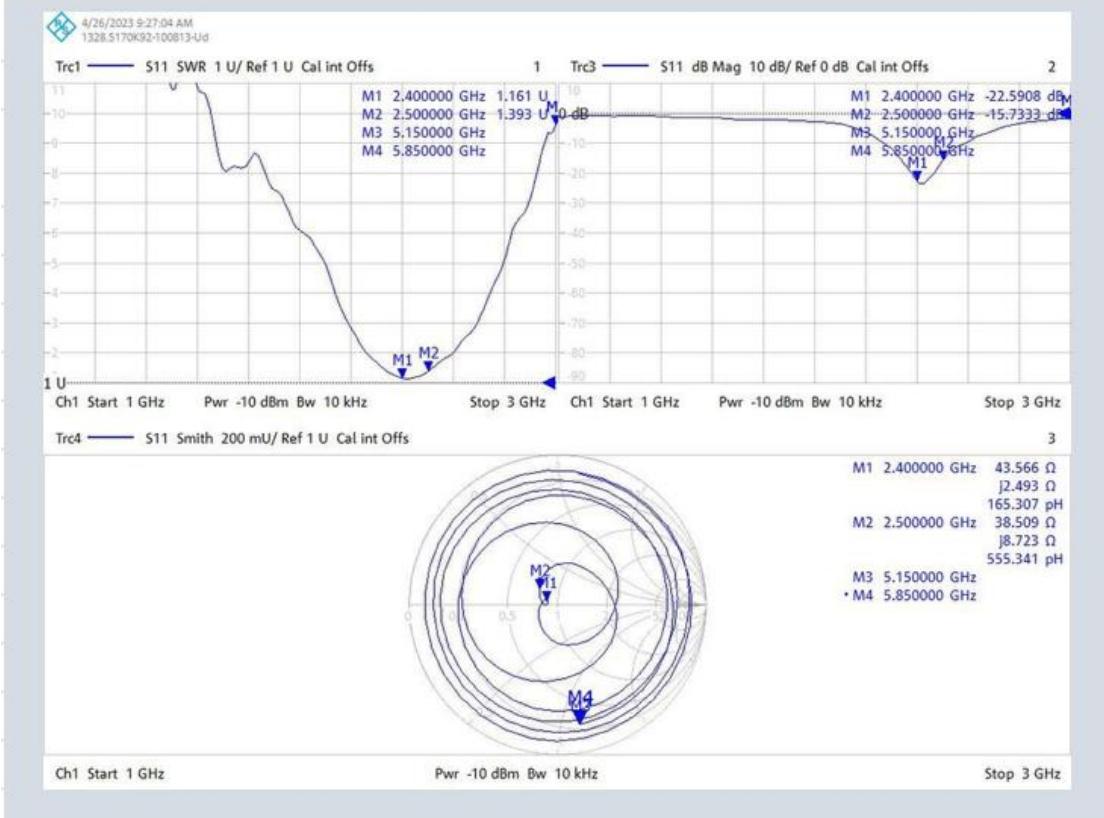
| Product Information | | | | |
|---------------------|---|-------------------|-------------------|----------------------|
| Client | LDS | | Protocol | WiFi/BT |
| Project Number | 空气加湿器 | | Sample Quantity | 1 |
| Model Number | | | PCB Version | V2.0-Y1 |
| Chip Type | | | Structure Version | 正式模 |
| Sample Pictures |  | | | |
| Summary | | | | |
| No. | Item | Index | | Test Result |
| 1 | Efficiency (%) | A ($\geq 45\%$) | B (25%~44.99%) | C ($\leq 24.99\%$) |
| 2 | VSWR | ≤ 2.5 | | 1.5 |
| 3 | Distance Test | WiFi 100M | BLE 10M | Zigbee 40M |
| Author | | DeYun Li | | Test Date |
| Verifier | | DeYun Li | | Review Date |
| Version | | V1.0 | | Reviser Content |
| | | | | Reviser |

SY-16M Test System



VNA Data

VSWR & Return Loss & Smith Chart

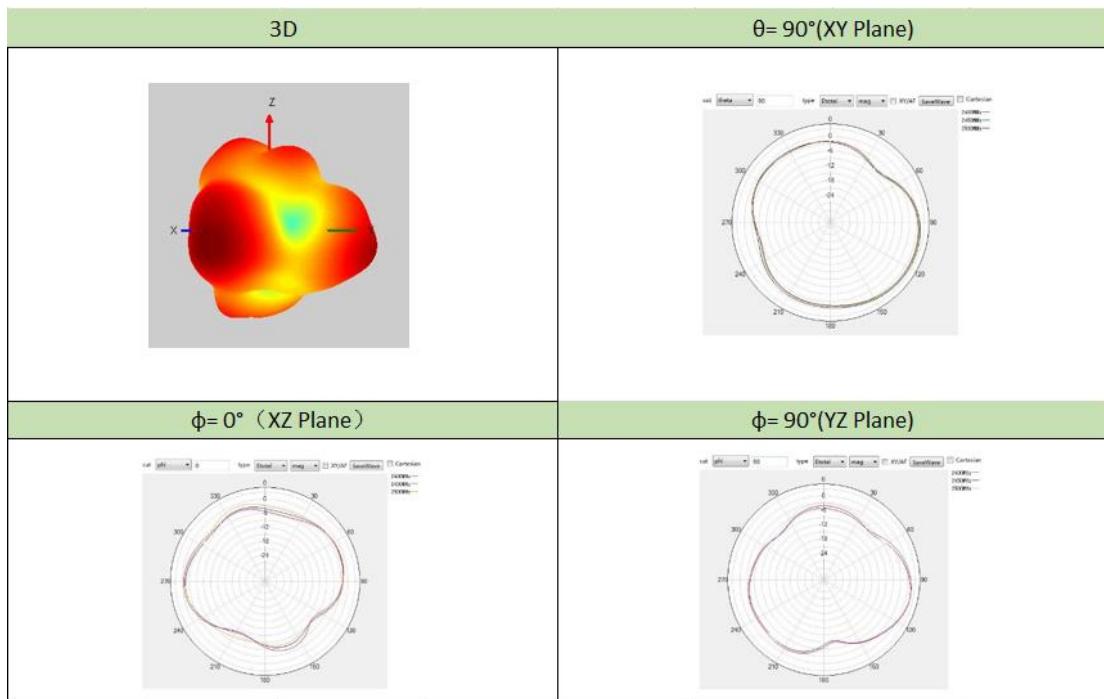




Chamber Data

Gain & Efficiency

| Frequency (MHz) | Gain (dBi) | Efficiency (dB) | Efficiency (%) |
|-----------------|------------|-----------------|----------------|
| 2400 | 2.30 | -3.42 | 45.50 |
| 2410 | 2.31 | -3.35 | 46.24 |
| 2420 | 2.25 | -3.19 | 47.97 |
| 2440 | 2.19 | -3.37 | 46.03 |
| 2450 | 2.15 | -3.36 | 46.13 |
| 2460 | 1.88 | -3.26 | 47.21 |
| 2470 | 1.71 | -3.25 | 47.32 |
| 2480 | 1.73 | -3.30 | 46.77 |
| 2490 | 1.64 | -3.25 | 47.32 |
| 2500 | 1.64 | -3.09 | 49.09 |
| MIN | 1.75 | -3.04 | 49.66 |
| Max | 2.31 | -3.09 | 49.09 |
| AVG | 1.98 | -3.28 | 46.96 |



Manufacturer: Welov life limited

Address: 6/F Manulife Place, 348 Kwun Tong Road, Kowloon, Hong Kong