

# Antenna

*Equipment : Antenna*

*Test Model : PCB Antenna*

*Manufacturer : WATA Electronics Co.,Ltd.*

*Address : 142.TanShenNan Road, lanZhou Town, ZhongShan City,  
GuangDong, P.R. China*

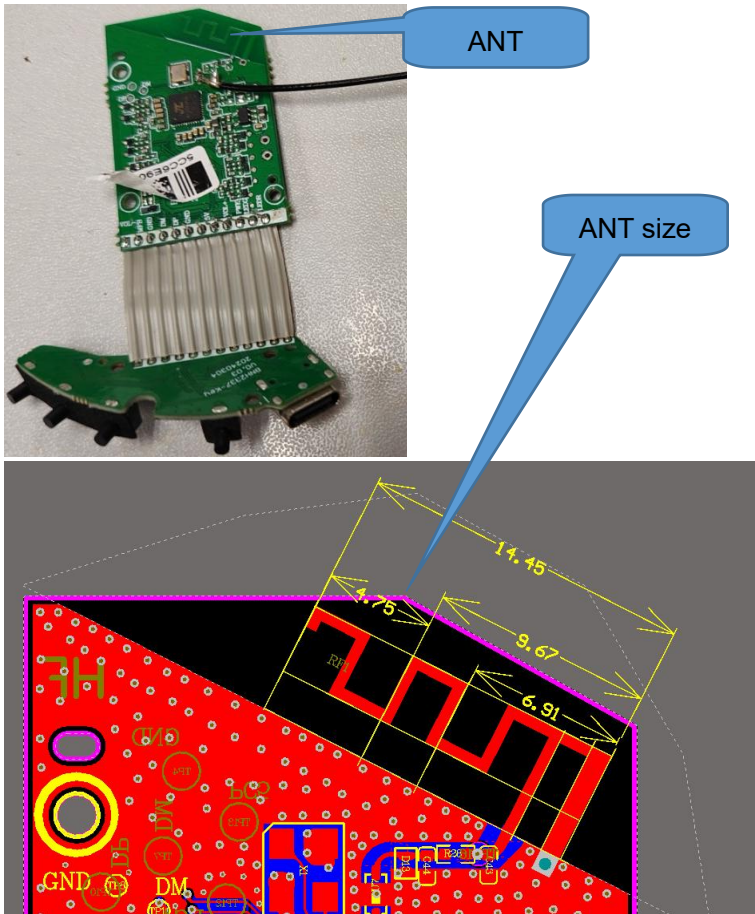
*Factory : WATA Electronics Co.,Ltd.*

*Address : 142.TanShenNan Road, lanZhou Town, ZhongShan City,  
GuangDong, P.R. China*

General Information

|                  |                         |
|------------------|-------------------------|
| Item             | Antenna                 |
| Test Model       | PCB Antenna             |
| Series Model     | N/A                     |
| Model Difference | N/A                     |
| Antenna Type     | PCB                     |
| Max. Gain (dBi)  | 2 (2400 MHz~2483.5 MHz) |

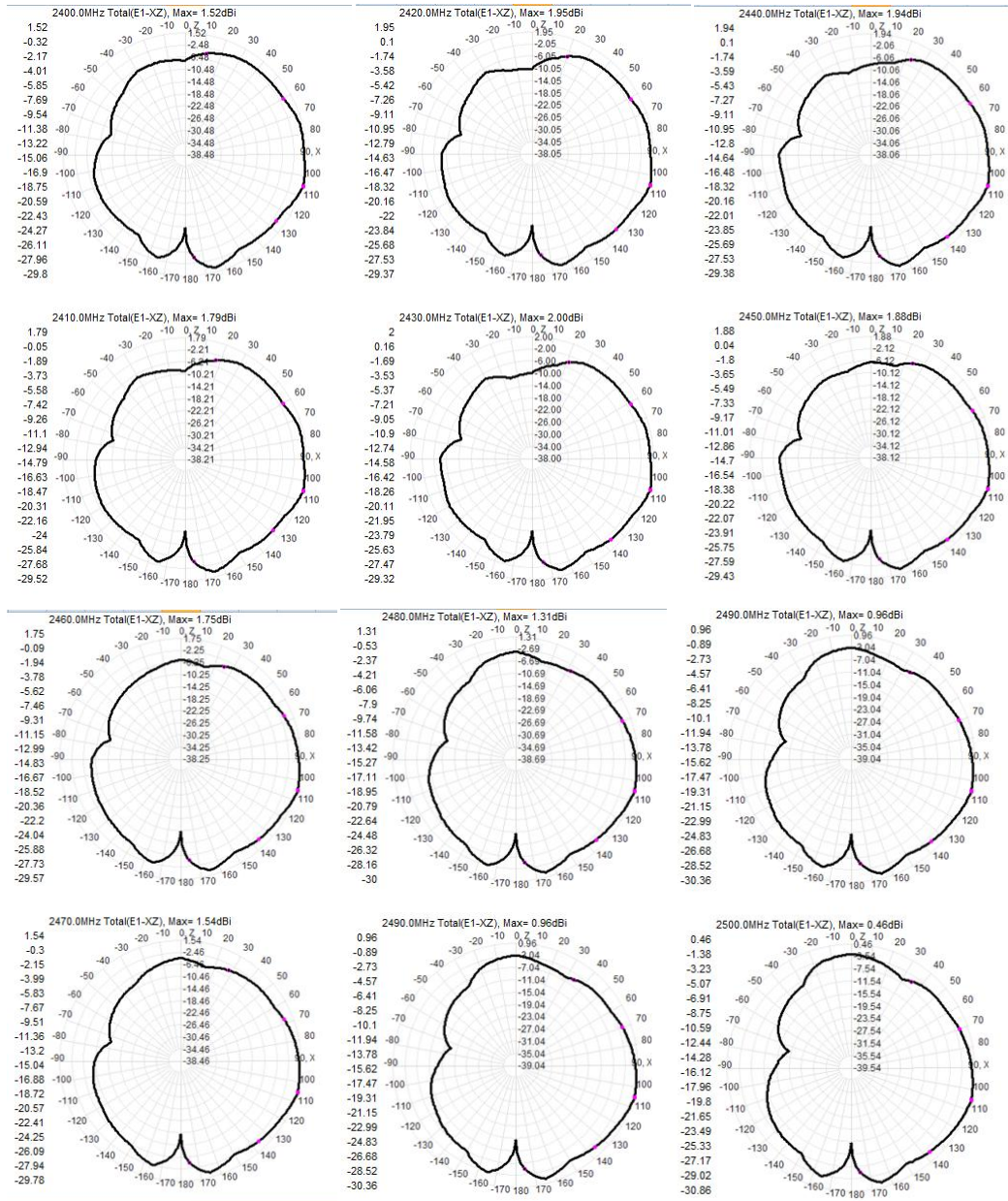
Antenna Photo

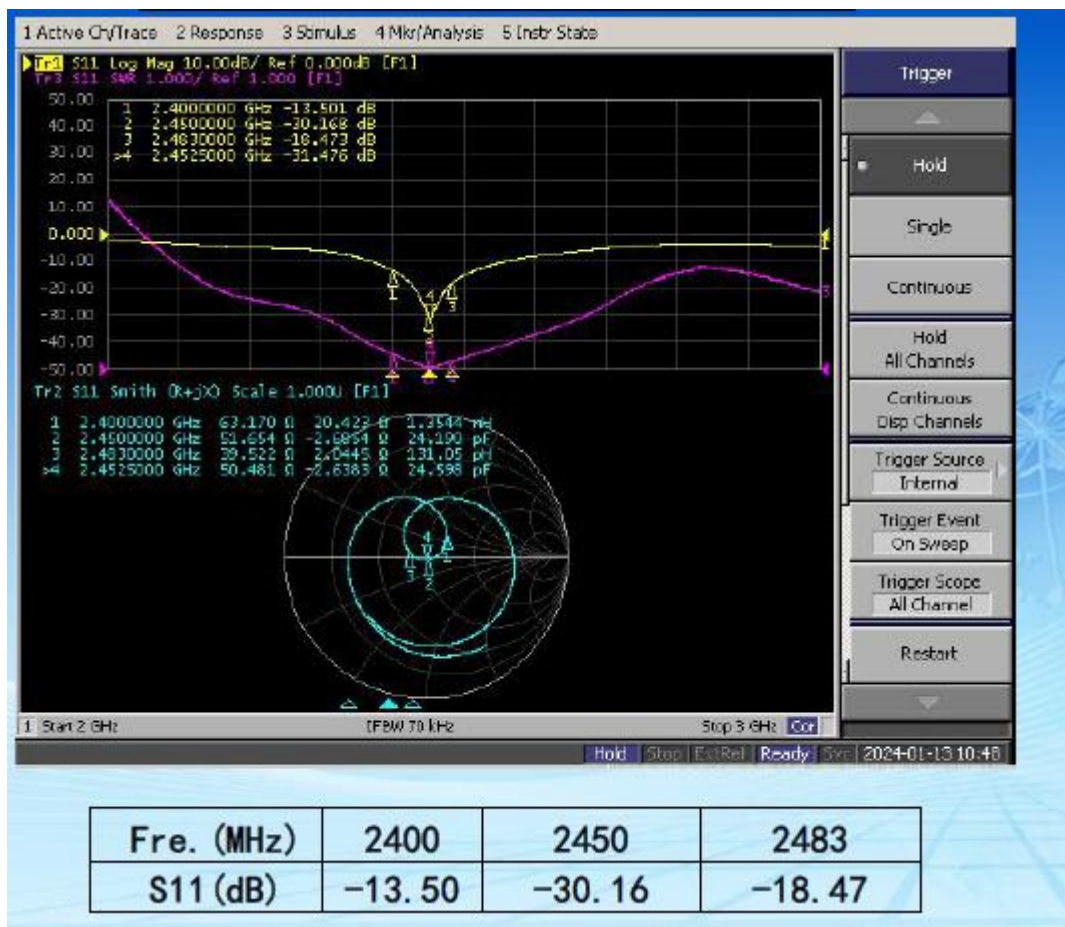


Gain & Pattern

|                  |        |        |        |        |        |        |        |        |        |        |        |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency ID     | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     |
| Frequency (MHz)  | 2400.0 | 2410.0 | 2420.0 | 2430.0 | 2440.0 | 2450.0 | 2460.0 | 2470.0 | 2480.0 | 2490.0 | 2500.0 |
| Efficiency (dBi) | -4.32  | -4.15  | -4.04  | -3.99  | -3.99  | -4.04  | -4.19  | -4.38  | -4.61  | -4.94  | -5.33  |
| Gain (dBi)       | 1.52   | 1.79   | 1.95   | 2.00   | 1.94   | 1.88   | 1.75   | 1.54   | 1.31   | 0.96   | 0.46   |
| Efficiency (%)   | 37.00  | 38.48  | 39.41  | 39.92  | 39.91  | 39.41  | 38.13  | 36.47  | 34.57  | 32.08  | 29.31  |

Theta=90 Phi=90





## Test Photos

