

Antenna specification

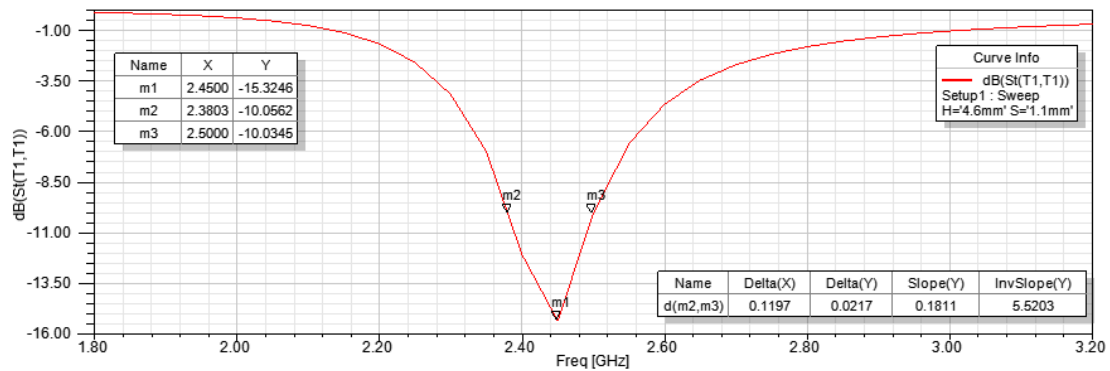
1. Technical indicators of products

| | |
|---------------------------------------|-----------------|
| Frequency Range (MHz) | 2400–2500 |
| Band Width (MHz) | 100 |
| Impedance (Ω) | 50 |
| VSWR | 1.91 MAX |
| Return Loss (dB) | -15.3 |
| Peak Gain (dBi) | 2.0 |
| Polarization | Linear Vertical |
| Antenna Material | PCB |
| Operating Temp ($^{\circ}\text{C}$) | -20~65 |
| Storage Temp ($^{\circ}\text{C}$) | -30~75 |

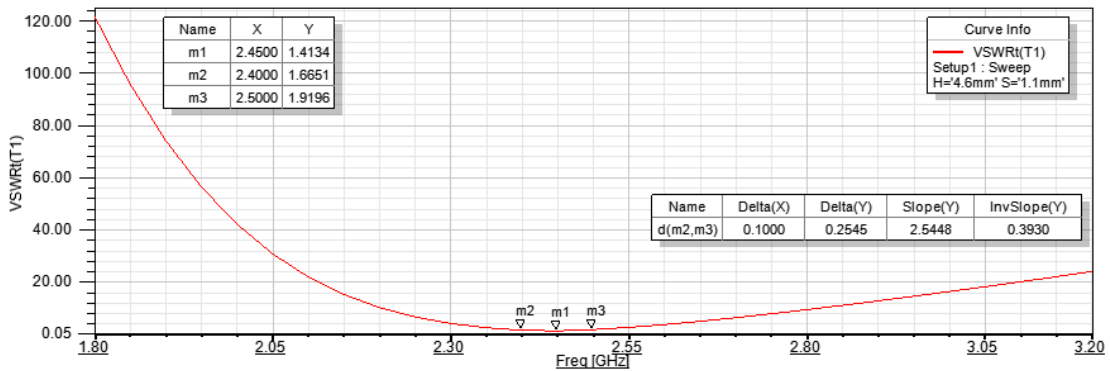
2. Product picture



3. Return Loss



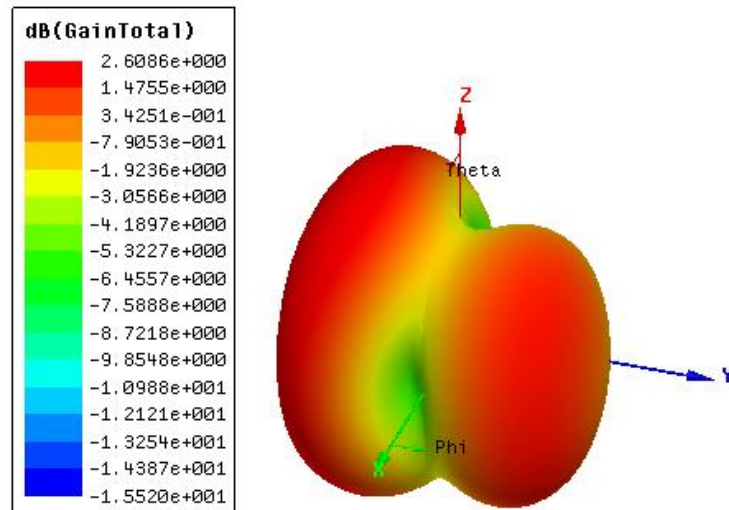
4. VSWR



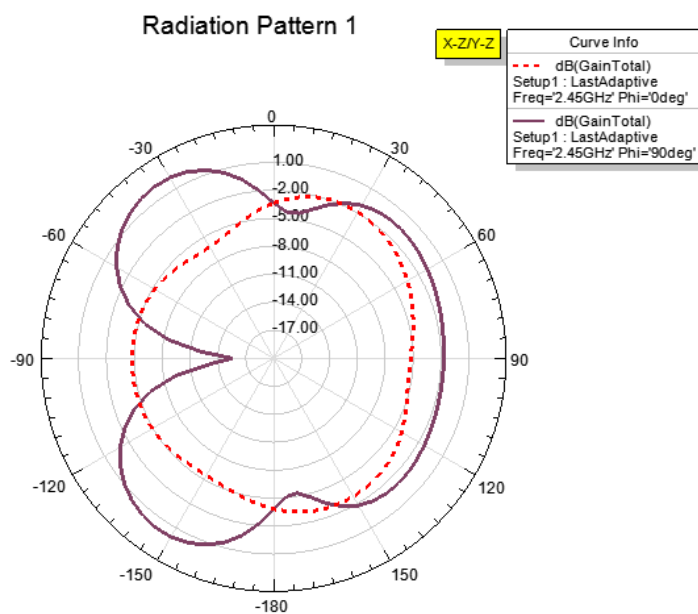
5. test data

| Freq_MHz | Directivity | Gain_dBi | Efficiency_dB | Efficiency_Pcent |
|----------|-------------|----------|---------------|------------------|
| 2400 | 5.30 | 1.81 | -2.21 | 60.06 |
| 2410 | 5.33 | 1.83 | -2.09 | 61.84 |
| 2420 | 5.26 | 1.90 | -2.13 | 61.20 |
| 2430 | 5.19 | 2.00 | -2.26 | 59.38 |
| 2440 | 5.18 | 1.98 | -2.38 | 57.81 |
| 2450 | 5.15 | 1.96 | -2.35 | 58.22 |
| 2460 | 5.21 | 1.92 | -2.15 | 60.95 |
| 2470 | 5.20 | 1.92 | -2.06 | 62.18 |
| 2480 | 5.15 | 1.93 | -2.13 | 61.25 |
| 2490 | 5.14 | 1.90 | -2.09 | 61.79 |
| 2500 | 5.15 | 1.88 | -2.02 | 62.75 |

6. 3D gain pattern



7. E ,h plan



Radiation Pattern 2

