

# WellLinkage

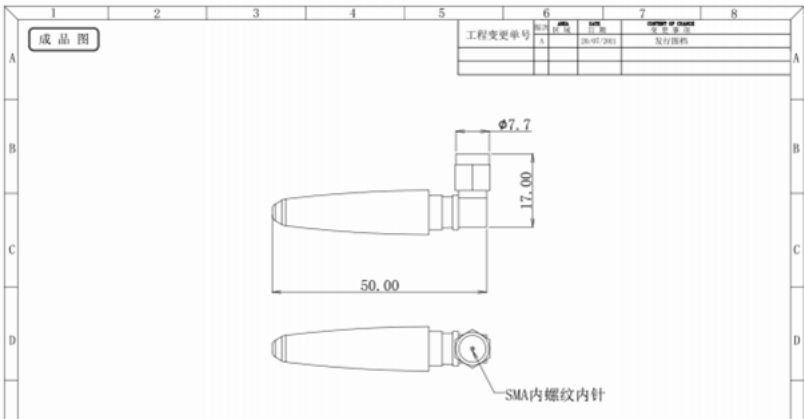
## Specification For 2.4G Dipole Antenna Rev. 1.0

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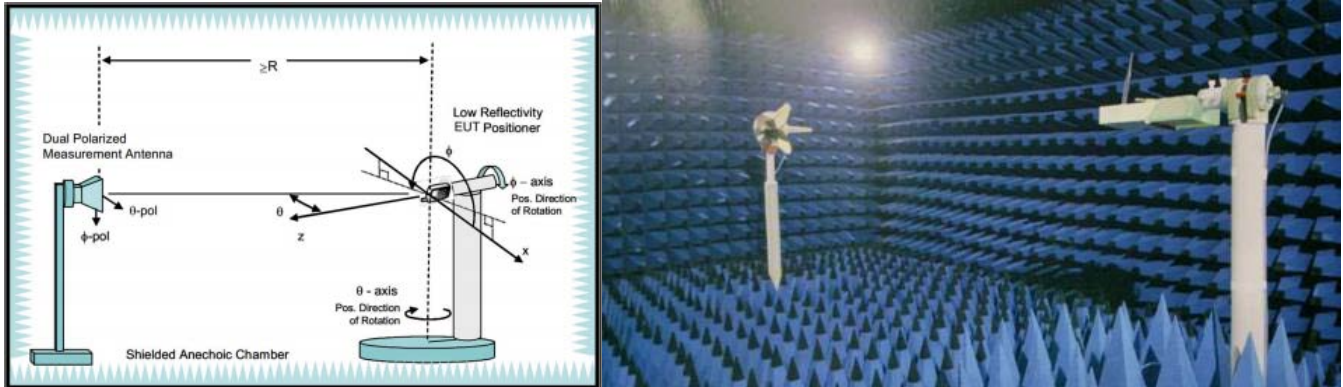
Specification are subject to change without notice

Antenna out looking:

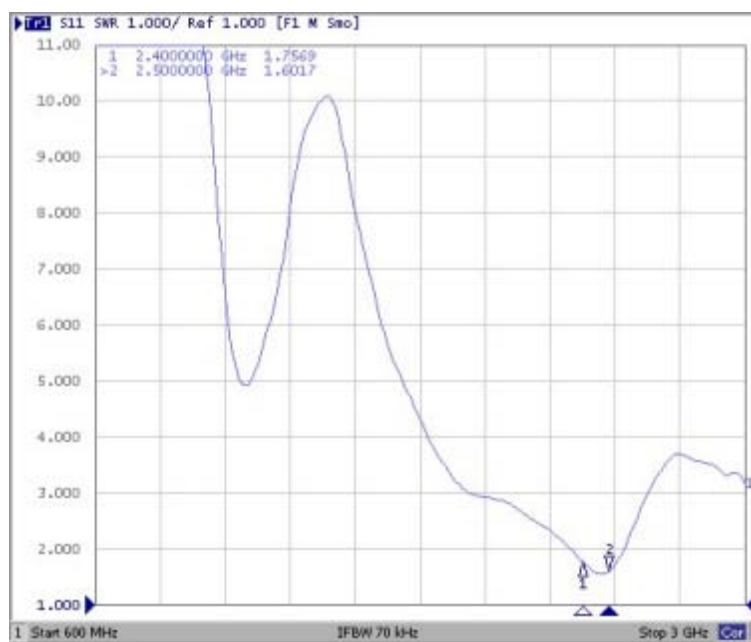


|                       |                 |
|-----------------------|-----------------|
| Frequency             | 2400MHz-2500MHz |
| VSWR                  | ≤2.0            |
| Antenna Gain          | 4.99dBi         |
| Impedance             | 50 ohm          |
| Polarization          | vertical        |
| Antenna size          | 47*8mm          |
| Connector             | SMA             |
| Operation temperature | -40 ~ 80℃       |
| Cover material        | ABS             |

## Testing Efficiency / Gain Data



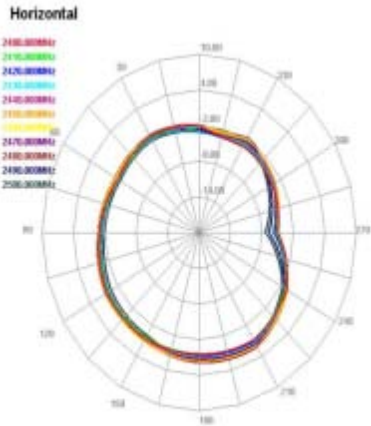
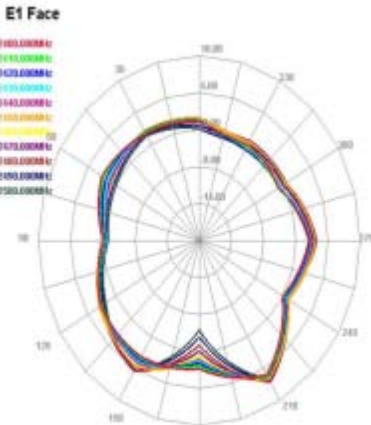
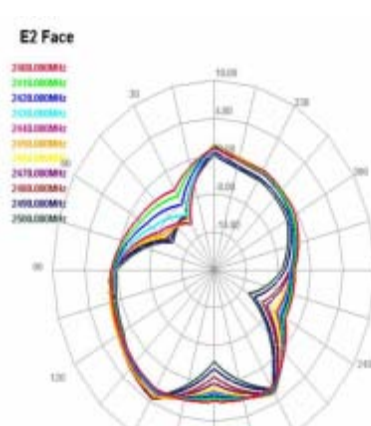
## VSWR:



## Efficiency / Gain Data :

| Freq  | Effi  | Effi  | Gain  |
|-------|-------|-------|-------|
| (MHz) | (%)   | (dB)  | (dBi) |
| 2400  | 75.52 | -1.21 | 4.17  |
| 2410  | 75.18 | -1.23 | 4.28  |
| 2420  | 74.8  | -1.26 | 4.49  |
| 2430  | 73.88 | -1.31 | 4.6   |
| 2440  | 74.06 | -1.3  | 4.66  |
| 2450  | 76.55 | -1.16 | 4.99  |
| 2460  | 79.55 | -0.99 | 4.92  |
| 2470  | 78.21 | -1.06 | 4.91  |
| 2480  | 75.36 | -1.22 | 5.18  |
| 2490  | 74.93 | -1.25 | 4.8   |
| 2500  | 70.64 | -1.5  | 4.61  |

Test Results – Radiation Pattern :

| Radiation Pattern      |          |                                                                                      |
|------------------------|----------|--------------------------------------------------------------------------------------|
| Fre(MHz)               |          |                                                                                      |
| 2400-2500<br>5100-5850 | XY Plane |    |
|                        | XZ Plane |   |
|                        | YZ Plane |  |

