

## [VTECH]

### [2.4GHz F Antenna]

**Model:** 5510

#### **Antenna description:**

This antenna is optimized and used in 5510. This antenna is an on-board PCB antenna, which is directly connect to the RF output in the PCB.

#### **Ordering information:**

| Model | Description      |
|-------|------------------|
| 5510  | 2.4GHz F Antenna |

#### **Specification:**

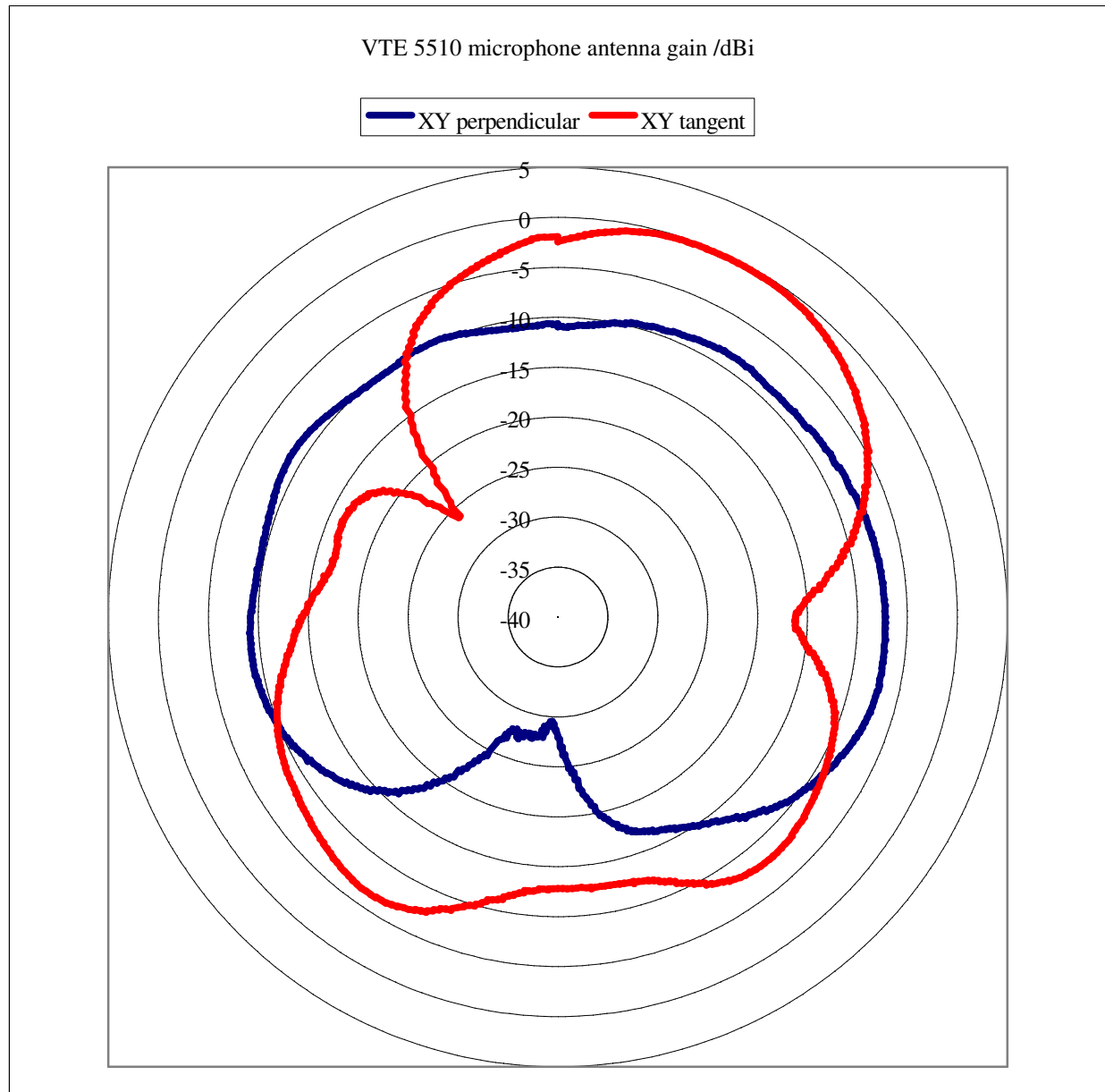
|                                  |  |
|----------------------------------|--|
| <b>Operation Frequency Range</b> | 2402-2480 MHz  |
| <b>Maximum Gain</b>              | 0 dBi  |
| <b>Type</b>                      | F antenna  |
| <b>Operation bandwidth</b>       | 78MHz  |
| <b>Nominal Impedance</b>         | ~50 ohms   |
| <b>Connectors</b>                | -  |
| <b>Dimensions</b>                | 18x6mm (show in figure 1)  |
| <b>Manufacturer</b>              | Vtech Electronics Ltd  |
| <b>Manufacturer address</b>      | 23/F, Tai Ping Industrial Centre, Blk1,<br>57 Ting Kok Road, Tai Po, Hong Kong |
| <b>Model number</b>              | ANT-V5510-F-WI-1   |

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Antenna pattern (2402MHz) (the frequency with maximum gain)

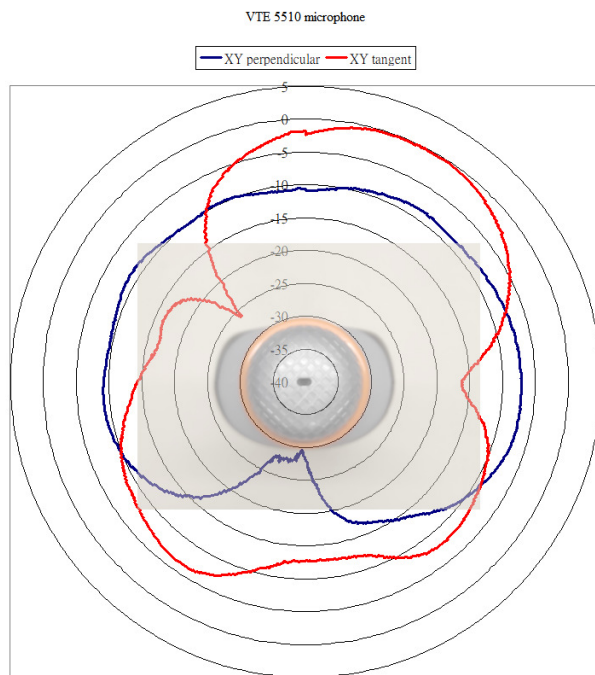
XY plane (gain dBi)



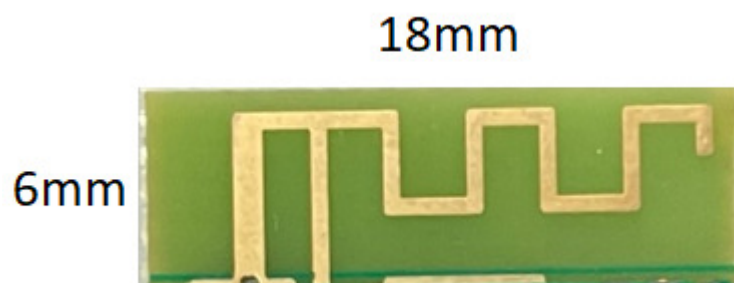
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Coordination:



**Physical Dimension:**



*Figure 1 Physical dimension (mm)*