

## [VTECH]

### [2.4GHz Dipole Antenna]

**Model:** RM5766\_V2 PU

#### **Antenna description:**

This antenna is optimized and used in the Parent in the baby monitor models. This antenna is directly soldered to the RF output in the main PCB.

#### **Ordering information:**

| Model        | Description           |
|--------------|-----------------------|
| RM5766_V2 PU | 2.4GHz Dipole Antenna |

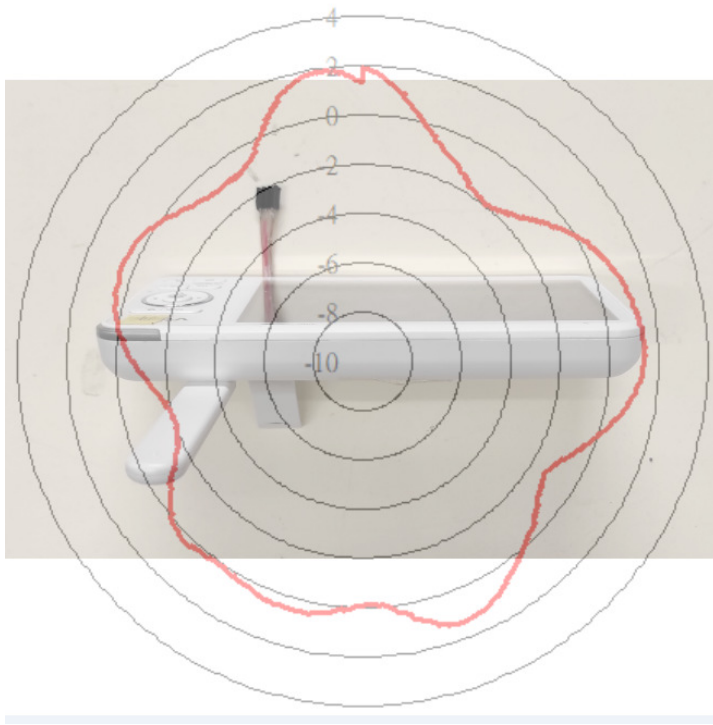
#### **Specification:**

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| <b>Operation Frequency Range</b> | 2405-2475 MHz                                                                  |
| <b>Maximum Gain</b>              | 2 dBi                                                                          |
| <b>Type</b>                      | Dipole                                                                         |
| <b>Operation bandwidth</b>       | 70MHz                                                                          |
| <b>Nominal Impedance</b>         | ~50 ohms                                                                       |
| <b>Connectors</b>                | -                                                                              |
| <b>Dimensions</b>                | 84x14mm                                                                        |
| <b>Manufacturer</b>              | Vtech Telecommunications 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-RM5766-P-FH-1                                                              |

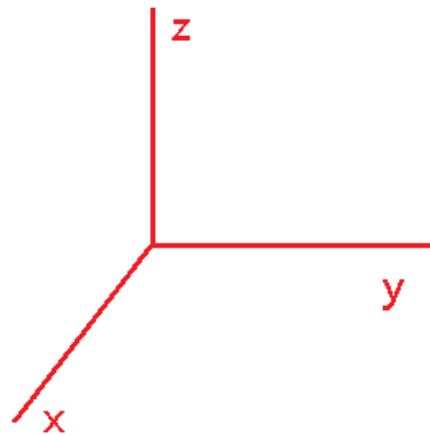
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Antenna pattern (2436MHz) (the frequency with maximum gain)

XY plane (gain theta)



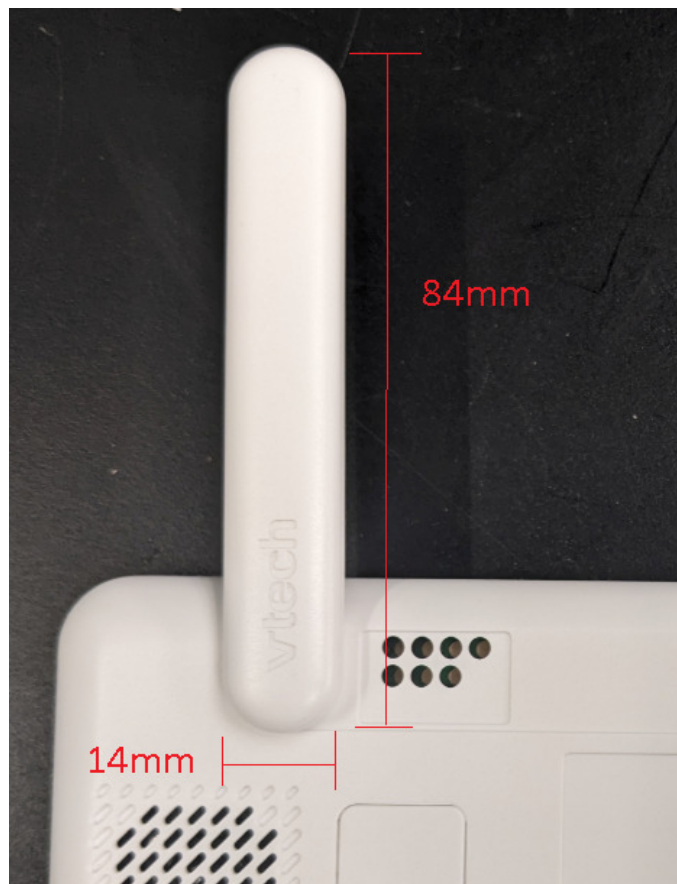
Coordination:



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Physical Dimension:



*Figure 1 Physical dimension (mm)*