

[VTECH]

**[2.4GHz Dipole Antenna]**

**Model: VM919 PU**

**Antenna description:**

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

**Ordering information:**

Model Number	Description
VM919 PU	2.4GHz Dipole Antenna

**Specification:**

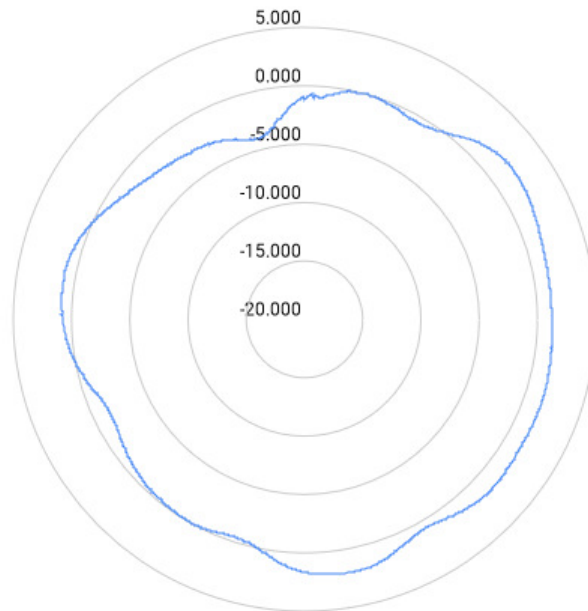
<b>Operation Frequency Range</b>	2405-2475 MHz
<b>Maximum Gain</b>	2 dBi
<b>Type</b>	Dipole
<b>Operation bandwidth</b>	70MHz
<b>Nominal Impedance</b>	~50 ohms
<b>Connectors</b>	-
<b>Dimensions</b>	98.1×13.8 mm

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

XY plane (gain theta)



Coordination:



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Physical Dimension:

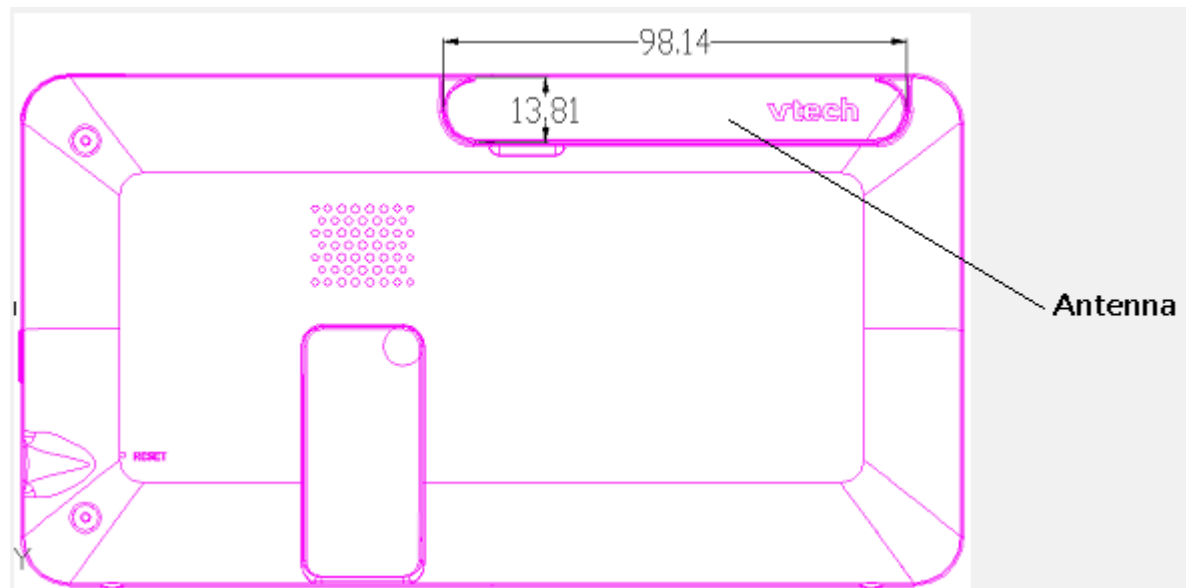


Figure 1 Physical dimension (mm)