

[VTECH]

[2.4GHz Antenna]

**Model: 2478**

**Antenna description:**

This antenna is optimized and used in the Bluetooth part in the device. This PCB antenna is directly connected to the RF output in the main PCB.

**Ordering information:**

Model Number	Description
2478	2.4GHz PCB Inverted F-ant

**Specification:**

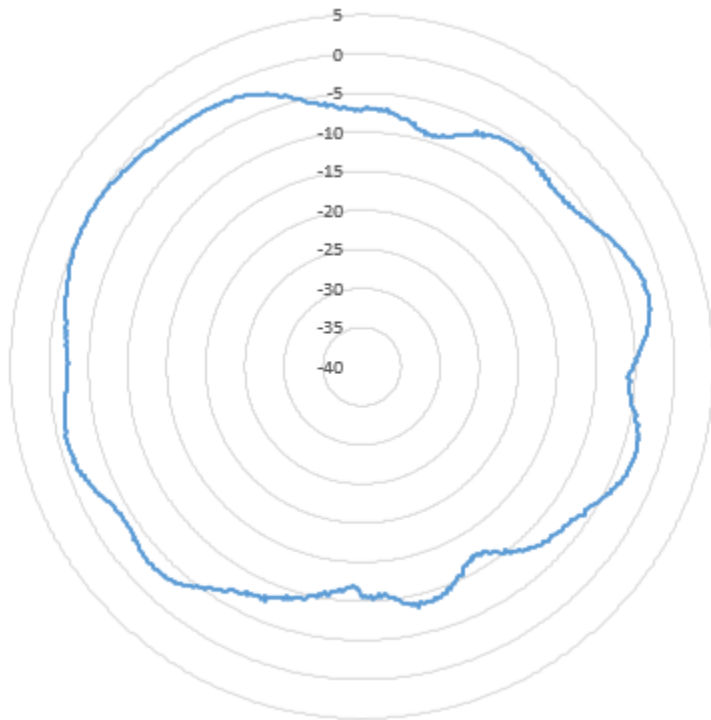
<b>Operation Frequency Range</b>	2402-2480 MHz
<b>Maximum Gain</b>	0 dBi
<b>Type</b>	PCB Inverted F-ant
<b>Operation bandwidth</b>	78MHz
<b>Nominal Impedance</b>	~50 ohms
<b>Connectors</b>	-
<b>Dimensions</b>	15.2mm x 5.2mm (figure 1)
<b>Manufacturer</b>	Vtech Electronics Ltd
<b>Manufacturer address</b>	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
<b>Model number</b>	ANT-2478-P-FH-1

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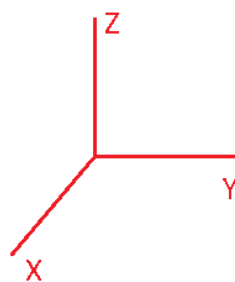
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Antenna pattern (2441MHz) (the frequency with maximum gain)

XY plane (gain theta)



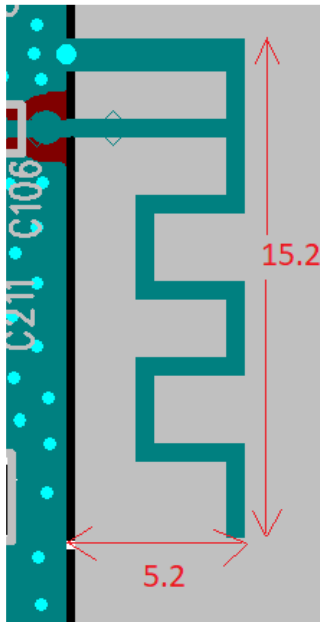
Coordination:



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**Physical Dimension:**



*Figure 1 Physical dimension (mm)*