

## [VTECH]

### [2.4GHz inverted F antenna]

**Model:** 5524

#### **Antenna description:**

This inverted F antenna is optimized and used in the Bluetooth speaker model. This antenna is integrated in main PCB.

#### **Ordering information:**

<b>Model</b>	<b>Description</b>
5524	<b>2.4GHz inverted F antenna</b>

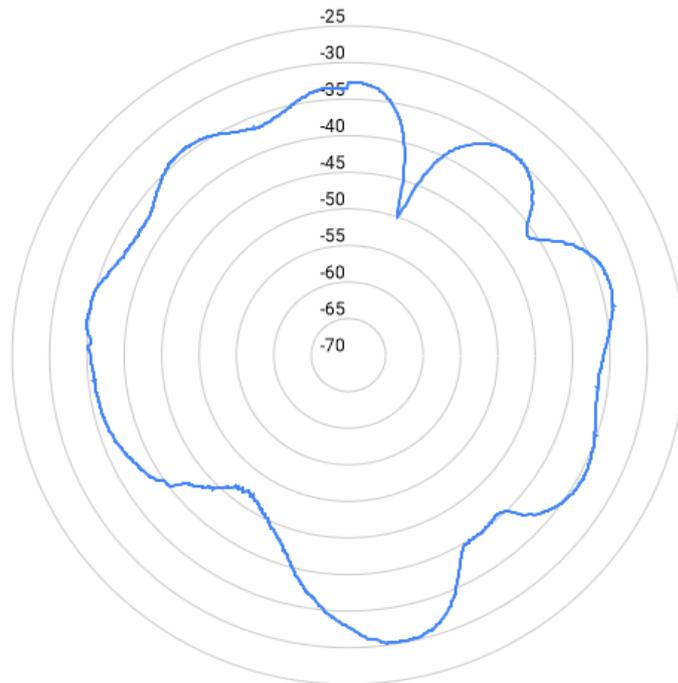
#### **Specification:**

<b>Operation Frequency Range</b>	2400-2480 MHz
<b>Maximum Gain</b>	0 dBi
<b>Type</b>	inverted F antenna
<b>Operation bandwidth</b>	80MHz
<b>Nominal Impedance</b>	~50 ohms
<b>Connectors</b>	-
<b>Dimensions</b>	14.7 x 5.7 mm
<b>Manufacturer</b>	Vtech Telecommunications 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-5524-F-BT-1

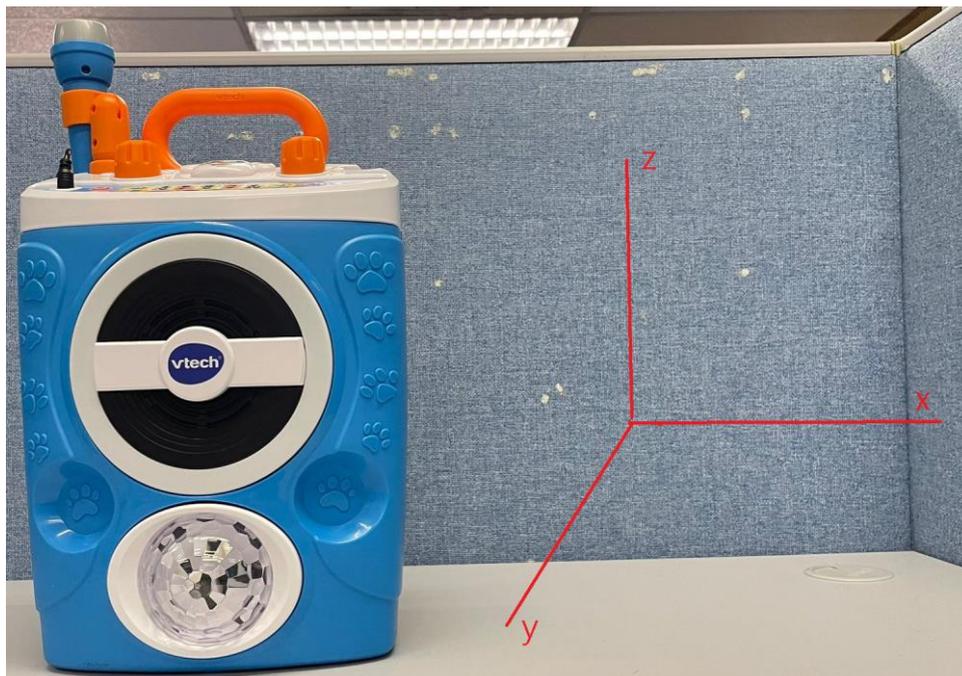
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Antenna pattern (2436MHz) (the frequency with maximum gain)

XY plane (gain theta)



Coordination:



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[2.4GHz inverted F antenna]

Physical Dimension:

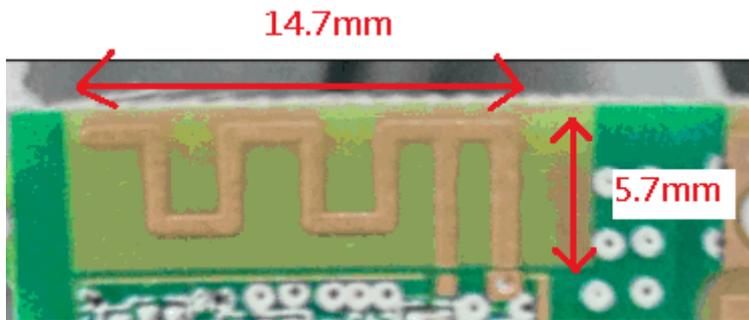


Figure 1 Physical dimension (mm)