

[VTECH]

[2.4GHz Dipole Antenna]

Model: LF815 BU (WIFI)

Antenna description:

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

Ordering information:

Model	Description
LF815 BU (WIFI)	2.4GHz Dipole Antenna

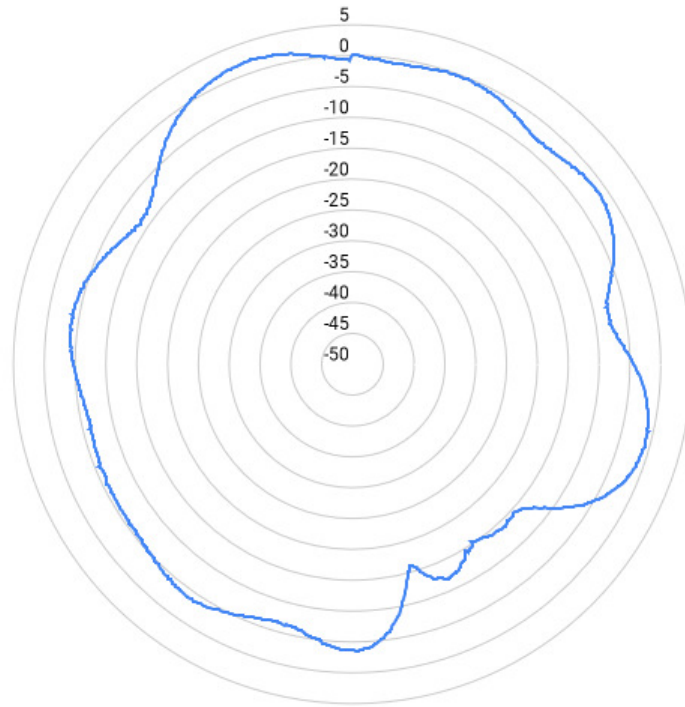
Specification:

Operation Frequency Range	2412-2472 MHz
Maximum Gain	2 dBi
Type	Dipole
Operation bandwidth	60MHz
Nominal Impedance	~50 ohms
Connectors	-
Dimensions	15×42 mm
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-LF815v2-F-WI-1

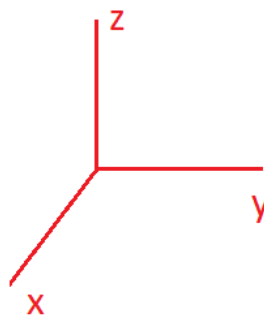
[VTECH] [2.4GHz Dipole Antenna]

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

XY plane (gain theta)



Coordination:



[VTECH]
[2.4GHz Dipole Antenna]

Physical Dimension:

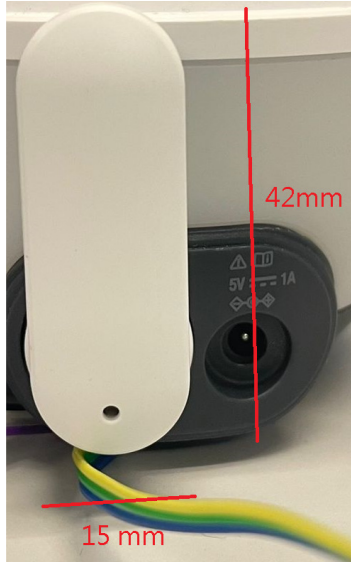


Figure 1 Physical dimension (mm)

[VTECH]

[2.4GHz Dipole Antenna]

Model: LF815 BU (FHSS)

Antenna description:

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

Ordering information:

Model	Description
LF815 BU (FHSS)	2.4GHz FPC dipole antenna

Specification:

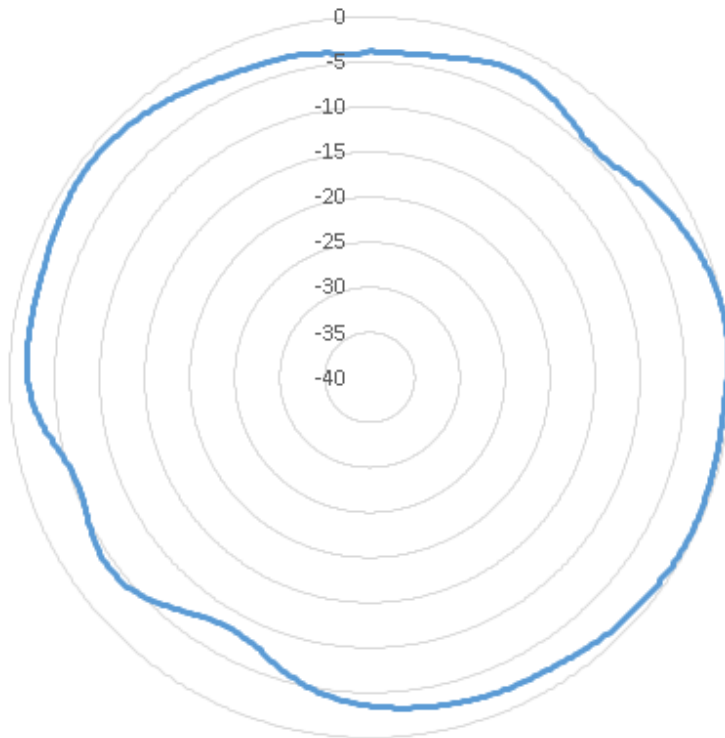
Operation Frequency Range	2405-2475 MHz
Maximum Gain	0 dBi
Type	FPC dipole
Operation bandwidth	70MHz
Nominal Impedance	~50 ohms
Connectors	-
Dimensions	14mm x 30mm
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-LF815v2-F-FH-1

[VTECH]

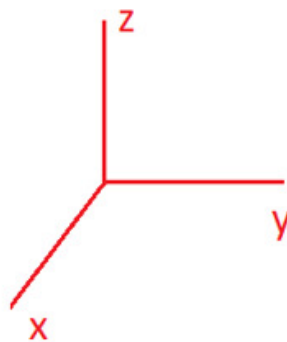
[2.4GHz Dipole Antenna]

Antenna pattern (2442MHz) (the frequency with maximum gain)

XY plane (gain theta)



Coordination:



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[2.4GHz Dipole Antenna]

Physical Dimension:

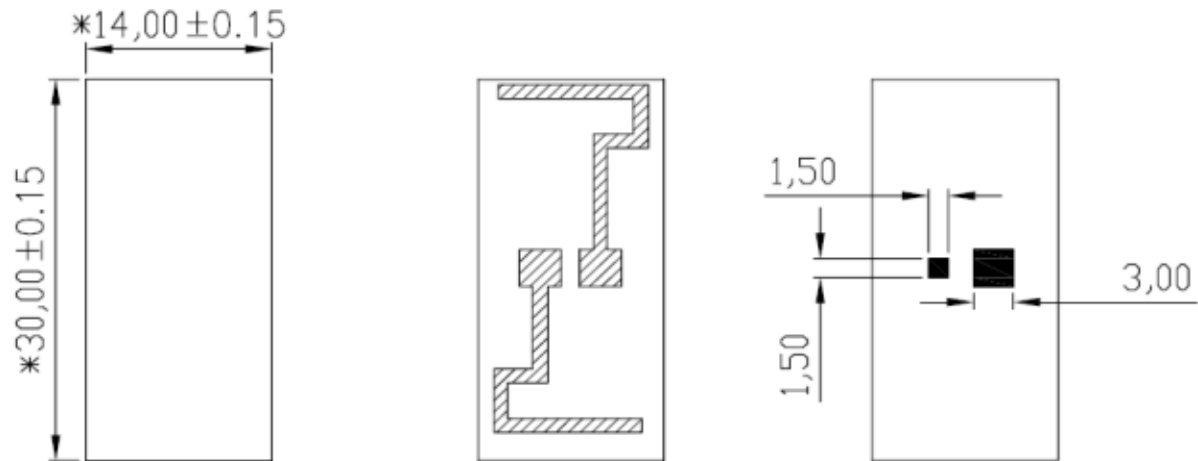


Figure 1 Physical dimension (mm)

[VTECH]

[2.4GHz Monopole Antenna]

Model: LF815 BU (BLE)

Antenna description:

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

Ordering information:

Model	Description
LF815 BU (BLE)	2.4GHz Monopole Antenna

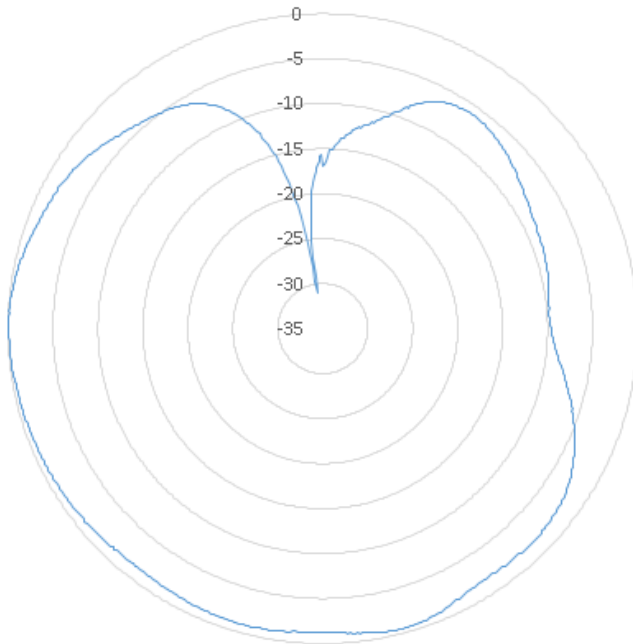
Specification:

Operation Frequency Range	2400-2480 MHz
Maximum Gain	0 dBi
Type	Monopole
Operation bandwidth	80MHz
Nominal Impedance	~50 ohms
Connectors	-
Dimensions	10mm x 20.5mm x 5mm
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-LF815v2-F-BT-1

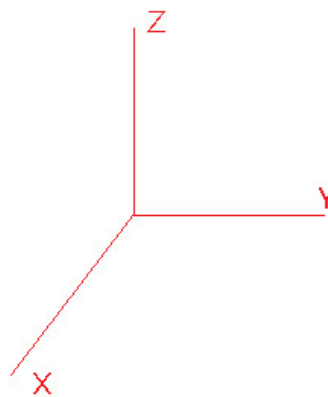
[VTECH] [2.4GHz Monopole Antenna]

Antenna pattern (2440MHz) (the frequency with maximum gain)

XY plane (gain theta)



Coordination:



[VTECH]

[2.4GHz Monopole Antenna]

Physical Dimension:

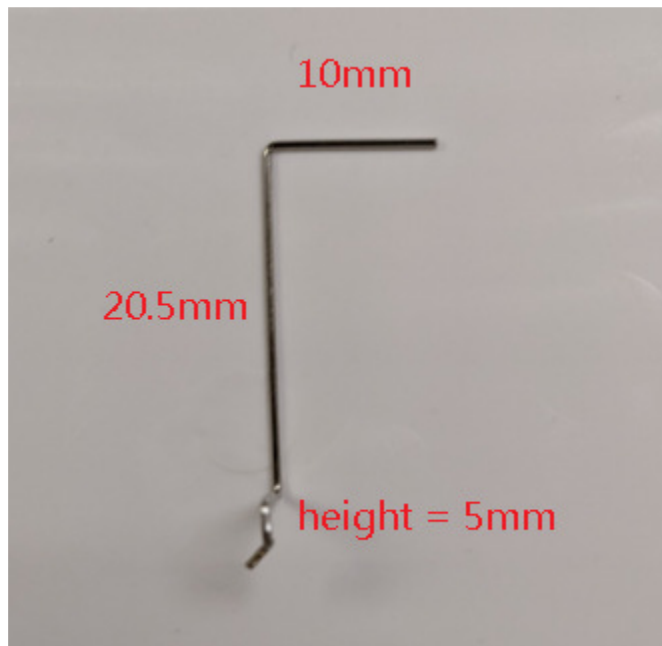


Figure 1 Physical dimension (mm)