

**Model: BL102BT BS BT ANT**

**Antenna description:**

This Printed F Antenna is optimized and used in the Base unit. This antenna is directly soldered to the BT ANT RF output in the main PCB.

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Model Number↵	Description↵
BL102BT BS BT ANT ↵	2.4GHZ Printed F Antenna↵

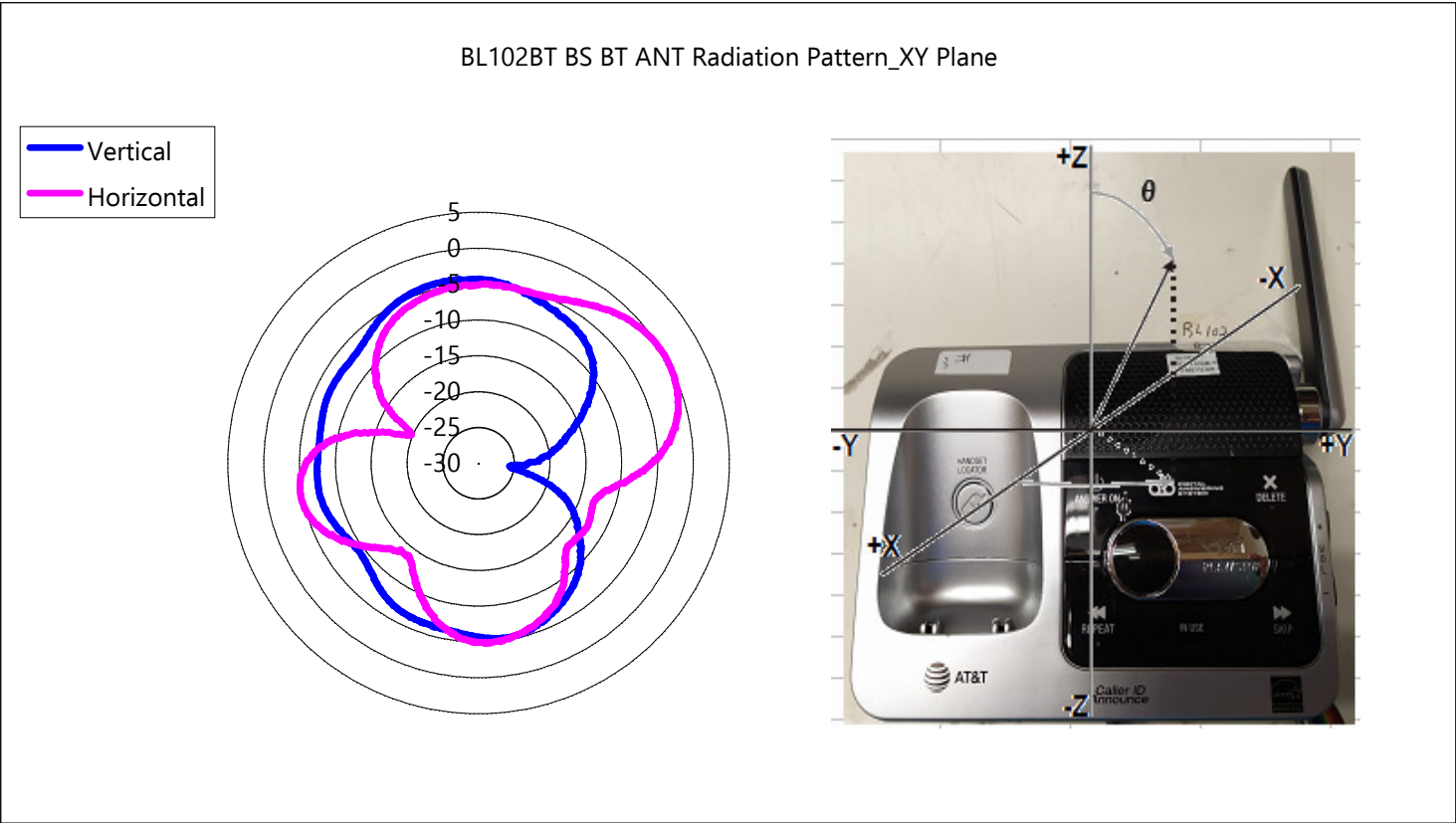
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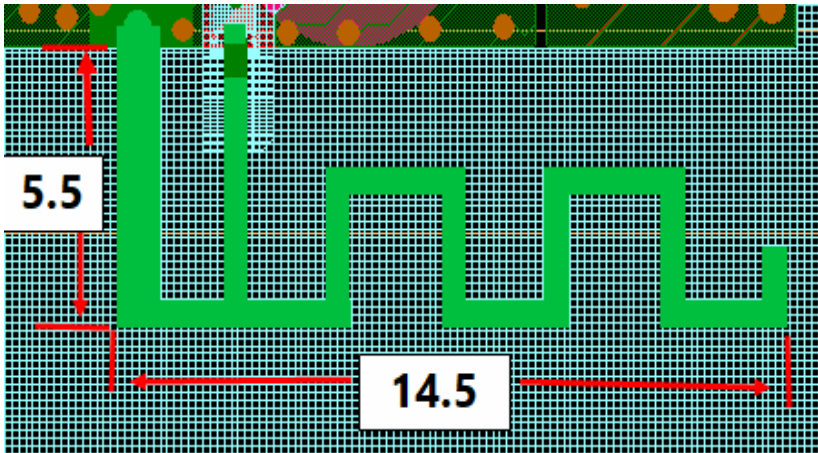
Specification:↵	
Operation Frequency Range↵	2402 to 2480 MHZ
Maximum Gain↵	0 dBi↵
Type↵	Printed F Antenna↵
Nominal Impedance ↵	~50 ohms↵
Manufacturer↵	Vtech Telecommunications Ltd↵
Manufacturer address↵	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong↵
Model number↵	ANT-BL102BT-F-BT-0↵

Frequency: 2480 MHZ (the frequency with maximum gain)

	Vertical	Horizontal
Antenna Gain (dBi)	-4.16	0.00



**BL102BT BS BT Antenna Dimensions in mm**



**Model: BL102BT BS ANT0**

**Antenna description:**

This monopole antenna is optimized and used in the Base unit. This antenna is directly soldered to the ANT0 RF output in the main PCB.

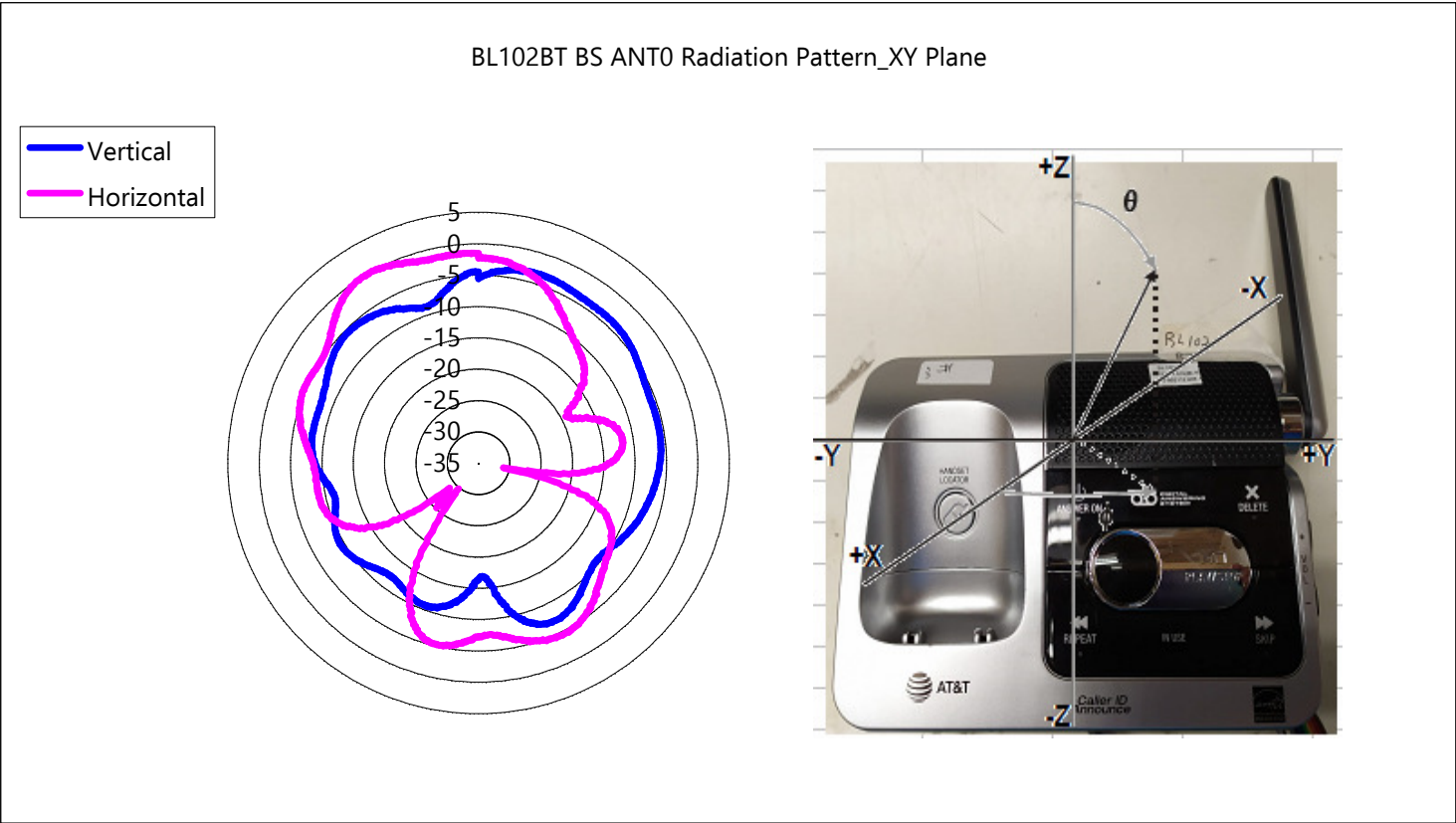
Model Number	Description
BL102BT BS ANT0	1.9GHZ Monopole Antenna

**Specification:**

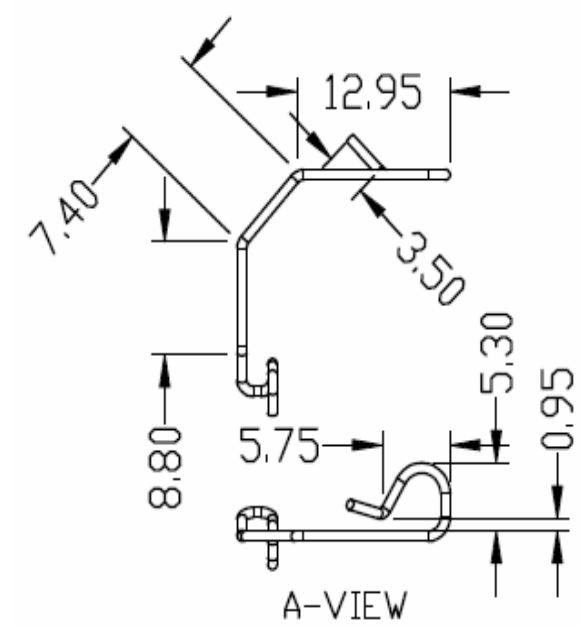
Operation Frequency Range	1921.536 to 1928.448 MHZ
Maximum Gain	0 dBi
Type	Monopole
Nominal Impedance	~50 ohms
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-BL102BT-F-DE-0

Frequency: 1924.992 MHz (the frequency with maximum gain)

	Vertical	Horizontal
Antenna Gain (dBi)	-3.30	0.00



**BL102BT BS ANT0 Dimensions in mm:**



**Model: BL102BT BS ANT1**

**Antenna description:**

This monopole antenna is optimized and used in the Base unit. This antenna is directly soldered to the ANT1 RF output in the main PCB.

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Model Number↵	Description↵
BL102BT BS ANT1↵	1.9GHZ Sleeve Dipole Antenna↵

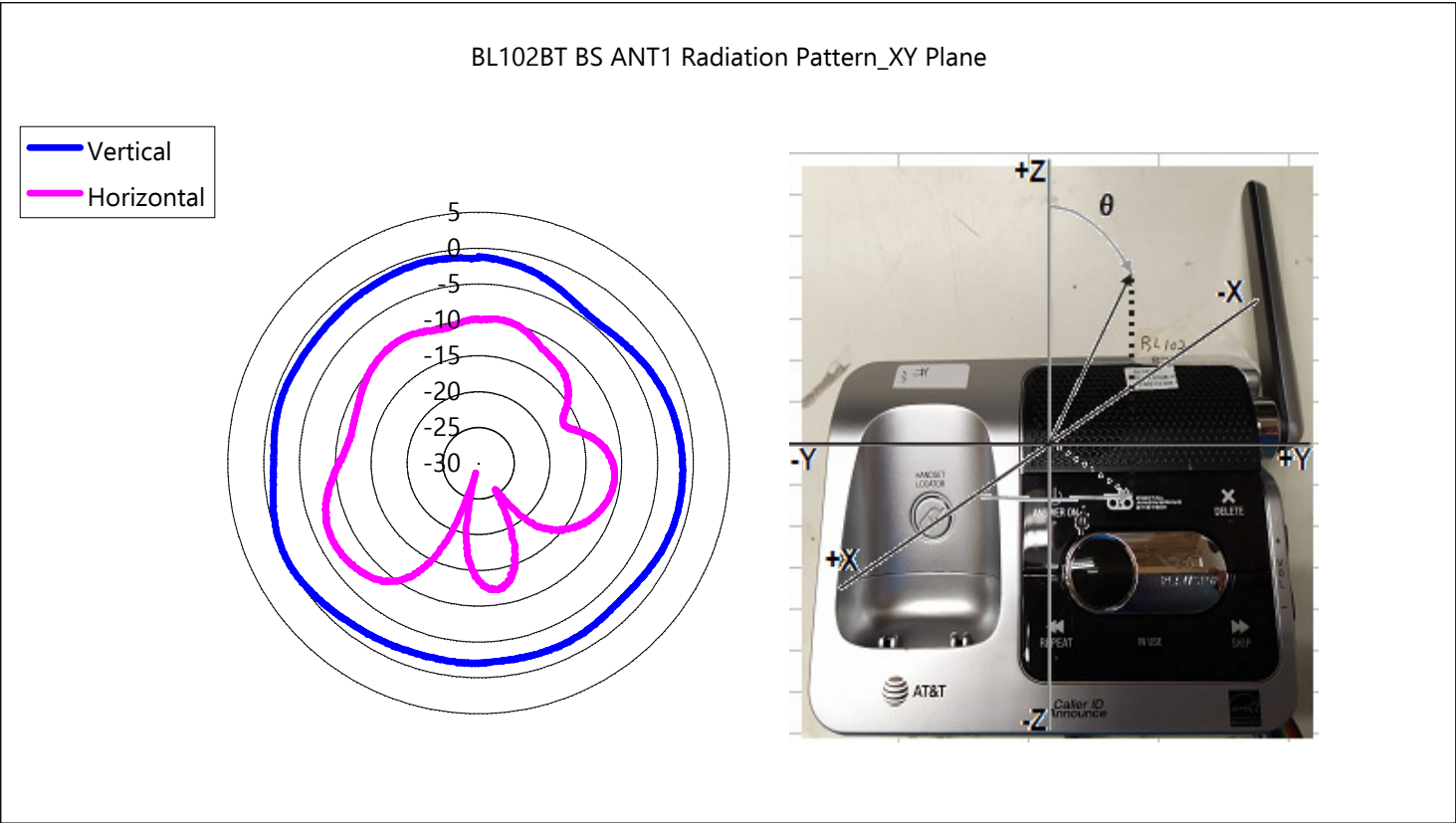
↵

↵  
**Specification:↵**

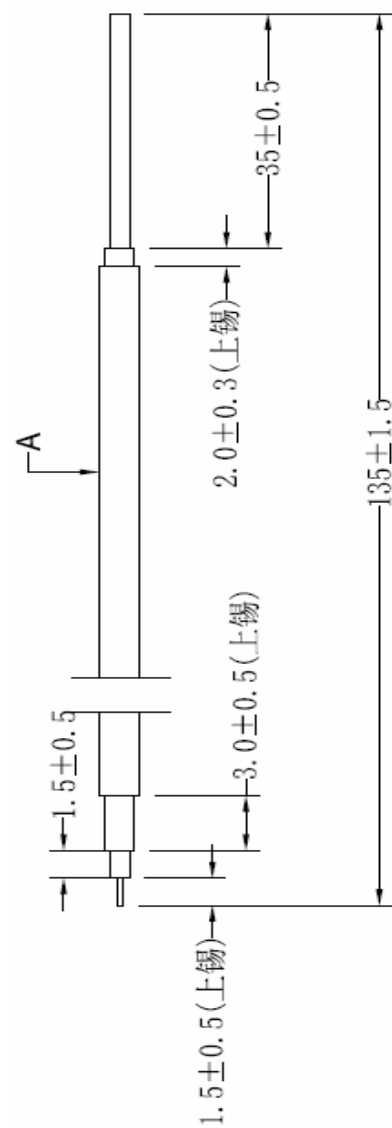
Operation Frequency Range↵	1921.536 to 1928.448 MHZ↵
Maximum Gain↵	0 dBi↵
Type↵	Sleeve Dipole Antenna↵
Nominal Impedance ↵	~50 ohms↵
Manufacturer↵	Vtech Telecommunications Ltd↵
Manufacturer address↵	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong↵
Model number↵	ANT-BL102BT-F-DE-0↵

Frequency: 1924.992 MHZ (the frequency with maximum gain)

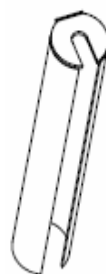
	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-6.91



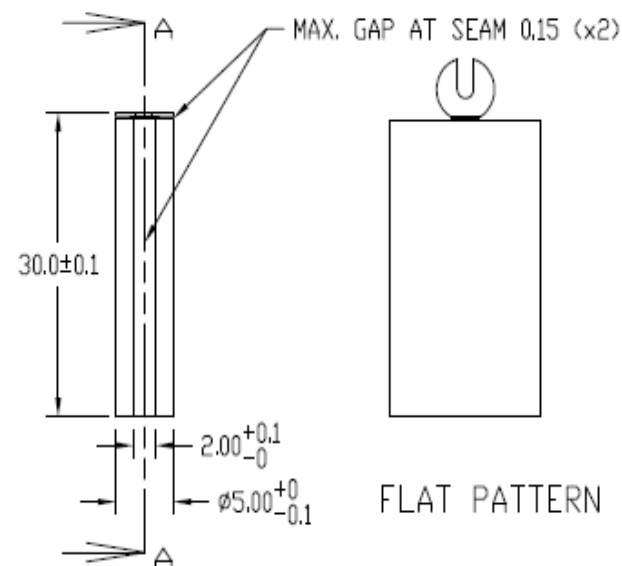
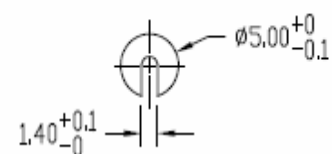




**BL102BT BS ANT1 Dimensions in mm**



SECTION A-A



FLAT PATTERN