

Model: EL1101-x Handset Antenna

Antenna description:

This PCB Printed F antenna is optimized and used in the Handset unit. This antenna is directly connected to the ANT RF output in the main PCB.

Model Number	Description
EL1101-x Handset ANT	1.9GHz PCB Printed F antenna

Specification:

Operation Frequency Range	1921.536 to 1928.448 MHz
Maximum Gain	0 dBi
Type	Printed F
Operation bandwidth	10MHz
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-EL1101-x-P-DE-0

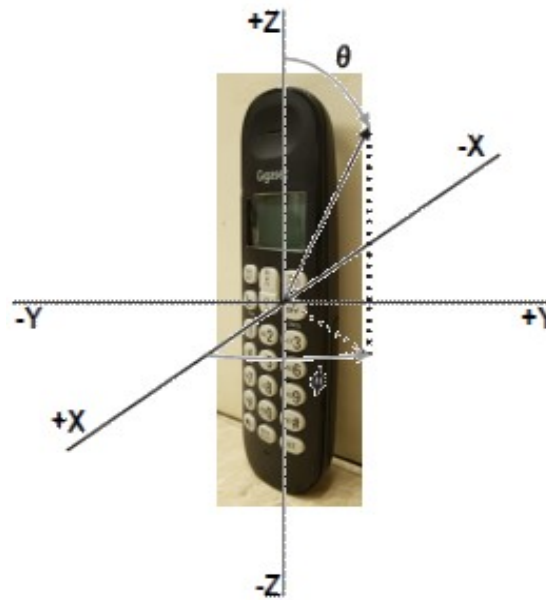
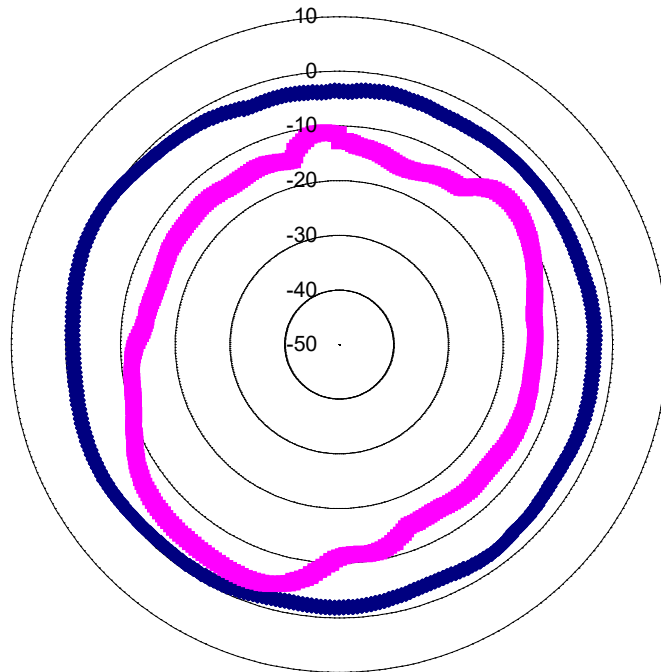
*NOTE: Frequency and Orientation with maximum Antenna Gain.

Frequency: 1924.992 MHz

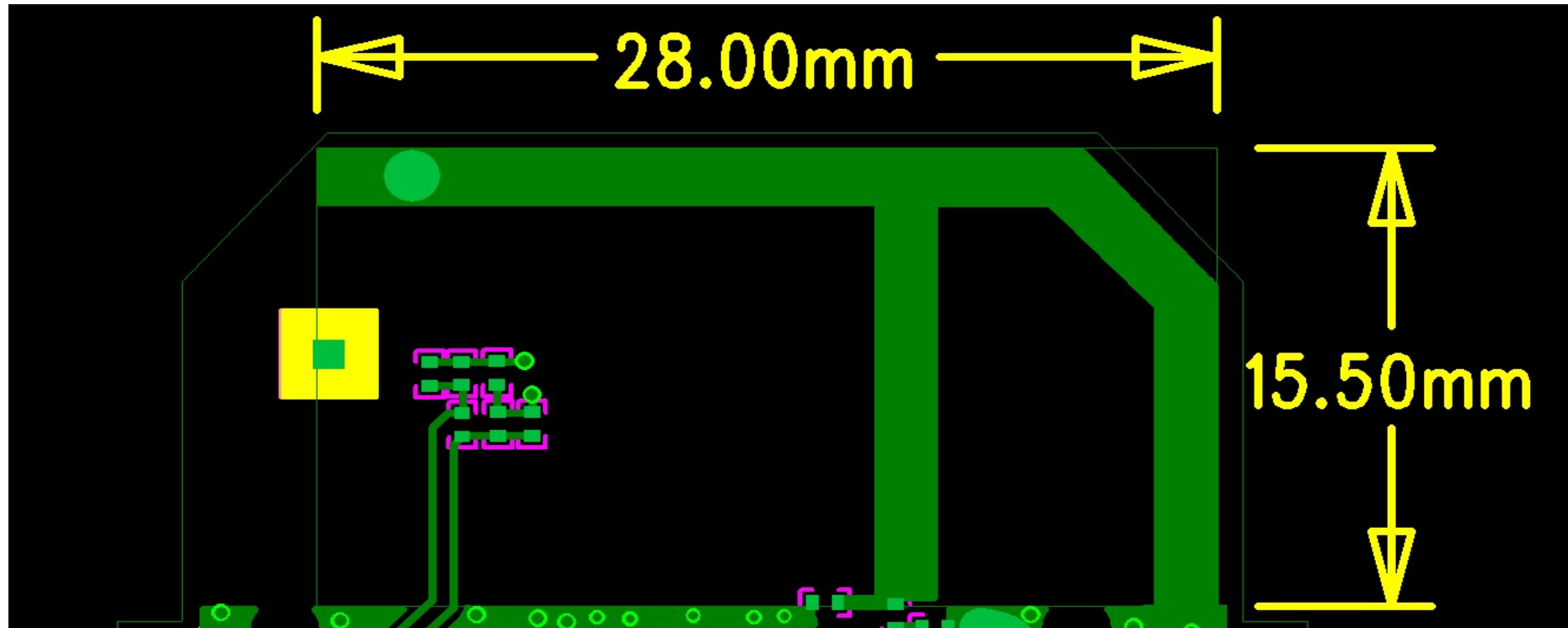
	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-3.96

EL1101-x Handset Radiation Pattern_XY Plane

◆ Vertical
■ Horizontal



EL1101-x Handset Antenna Dimensions in mm



Model: EL1101-x Base Antenna

Antenna description:

This wire Monopole antenna is optimized and used in the Base unit. This antenna is directly soldered to the ANT_1 RF output in the main PCB.

Model Number	Description
EL1101-x BS ANT_1	1.9GHz Monopole

Specification:

Operation Frequency Range	1921.536 to 1928.448 MHz
Maximum Gain	0 dBi
Type	Monopole
Operation bandwidth	10MHz
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-EL1101-x-F-DE-1

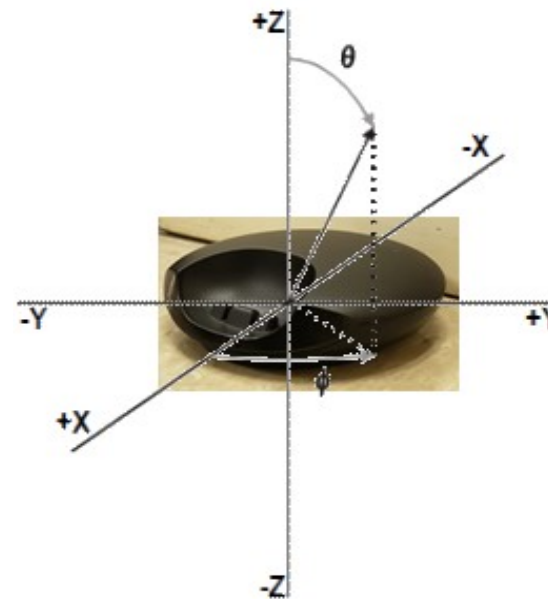
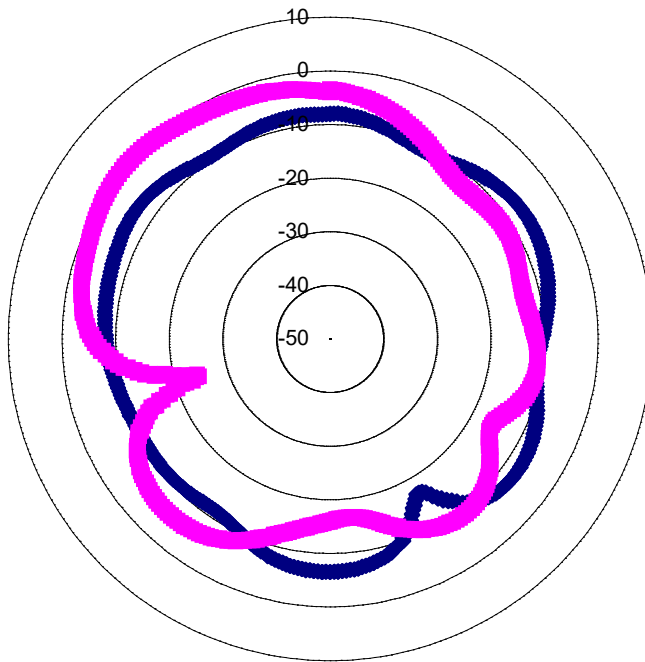
*NOTE: Frequency and Orientation with maximum Antenna Gain.

Frequency: 1924.992 MHz

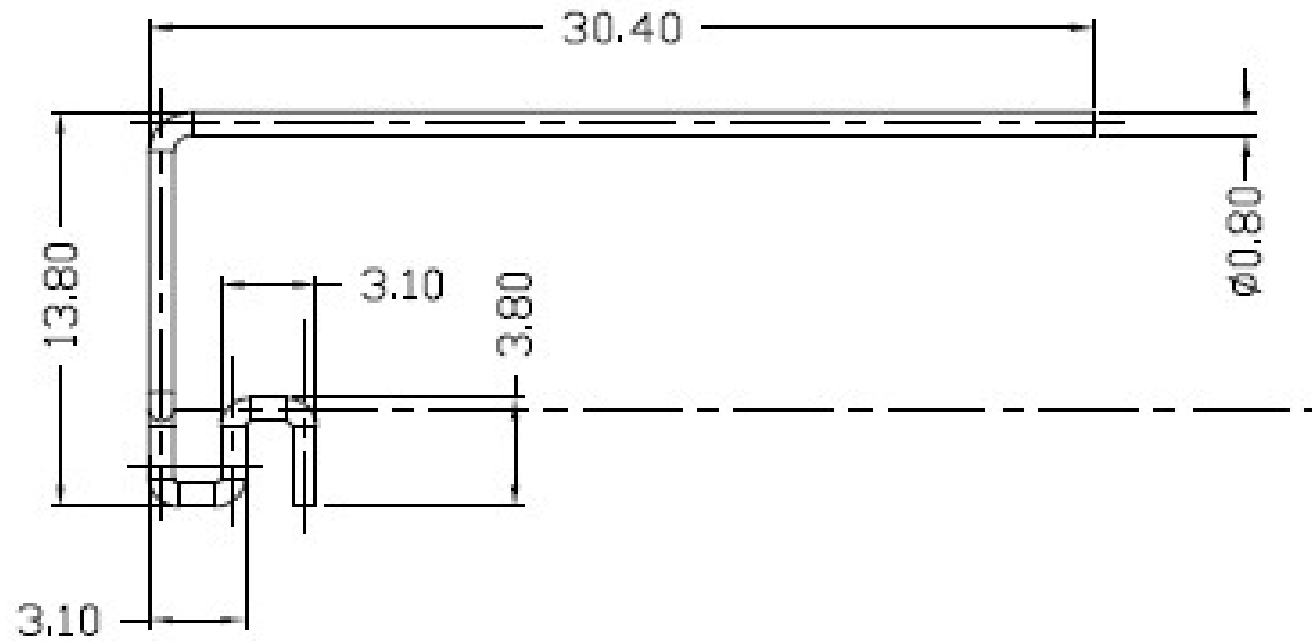
	Vertical	Horizontal
Antenna Gain (dBi)	-6.43	0.00

EL1101-x BS ANT1 Radiation Pattern_XY Plane

—●— Vertical
—■— Horizontal



EL1101-x BS ANT1 Antenna Dimensions in mm



Model: EL1101-x Base Bluetooth Antenna

Antenna description:

This Wire Monopole antenna is optimized and used in the Base unit. This antenna is directly soldered to the Bluetooth RF output in the main PCB.

Model Number	Description
EL1101-x BS BT ANT	2.4GHz Wire Monopole Antenna

Specification:

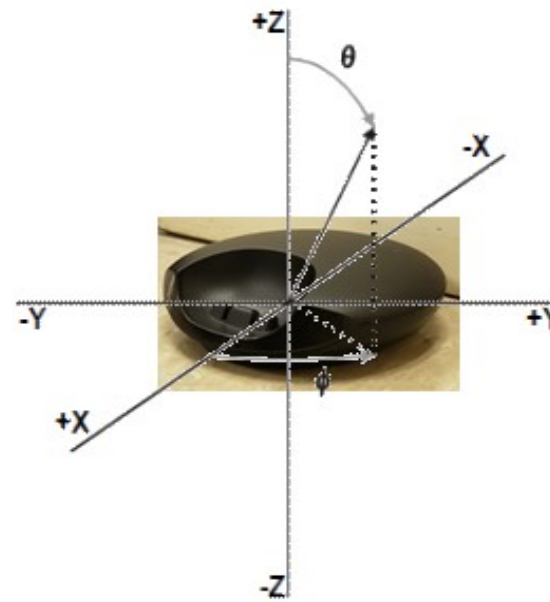
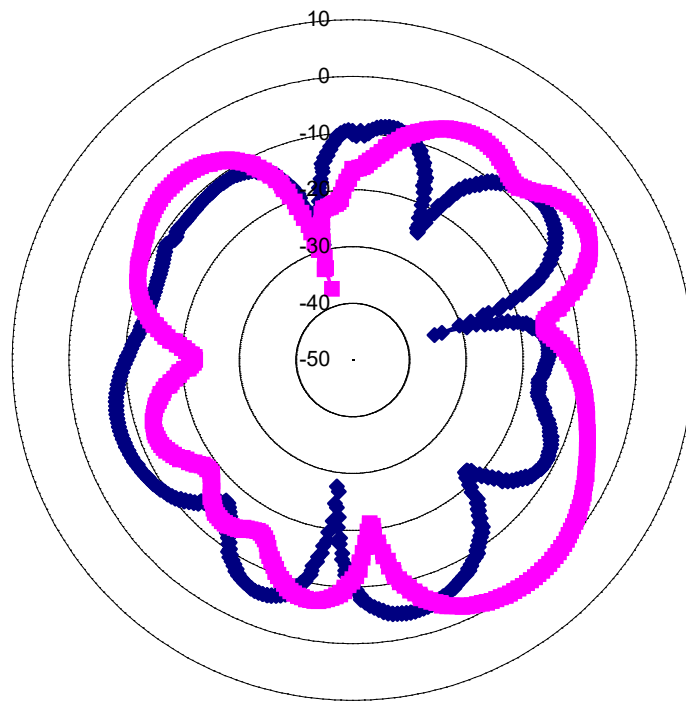
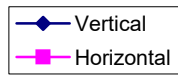
Operation Frequency Range	2402 to 2480 MHz
Maximum Gain	0 dBi
Type	Monopole
Operation bandwidth	90MHz
Nominal Impedance	~50 ohms
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-EL1101-x-F-BT-0

*NOTE: Frequency and Orientation with maximum Antenna Gain.

Frequency: 2440MHz

	Vertical	Horizontal
Antenna Gain (dBi)	-4.31	0.00

EL1101-x BS BT Radiation Pattern_XY Plane



EL1101-x BS BT Antenna Dimensions in mm

