

Model: EL1121-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
EL1121-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-EL1121-x-P-DE-0

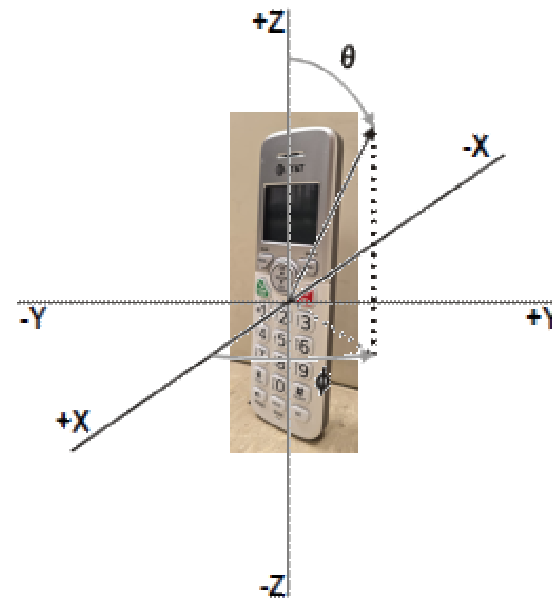
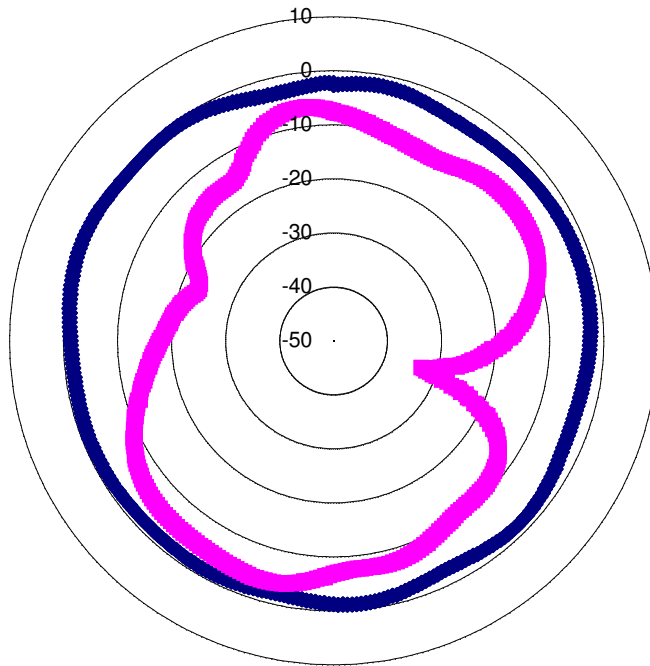
***NOTE: Frequency and Orientation with maximum Antenna Gain.**

Frequency: 1924.992 MHz

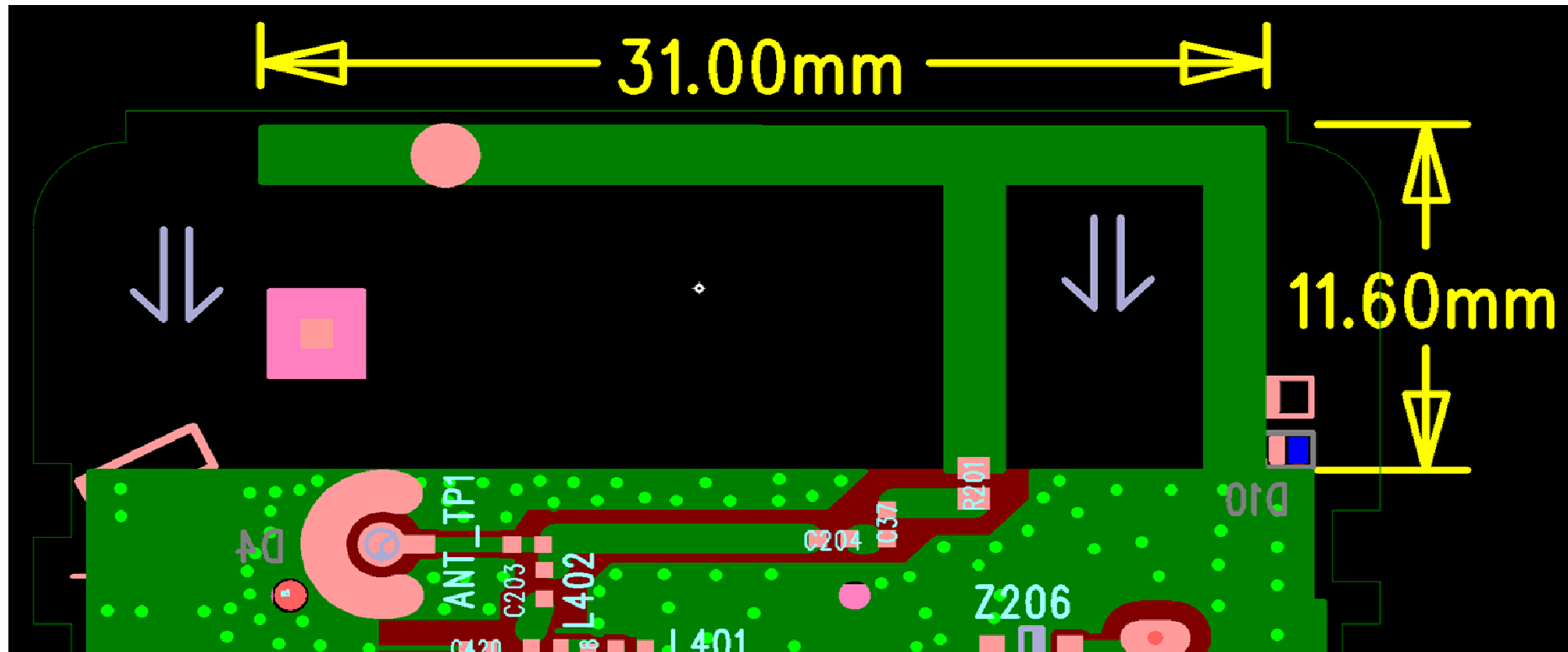
	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-3.78

EL1121-x Handset Radiation Pattern_XY Plane

—◆— Vertical
—■— Horizontal



EL1121-x Handset Antenna Dimensions in mm



Model: EL1121-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_0 RF output in the main PCB.

Model Number	Description
EL1121-x BS ANT_0	1.9GHz Monopole

Specification:

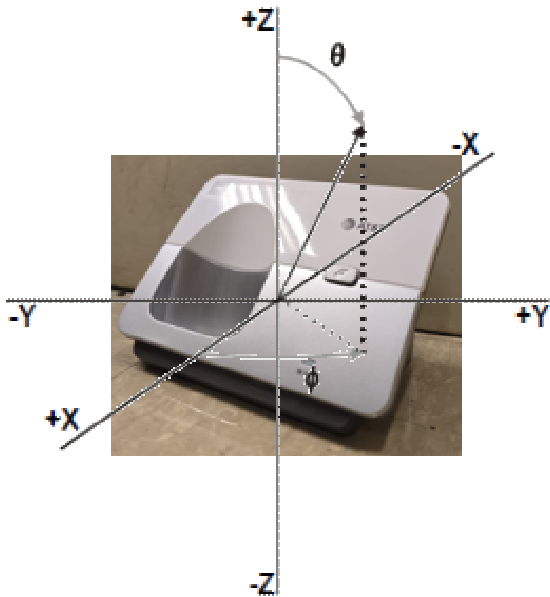
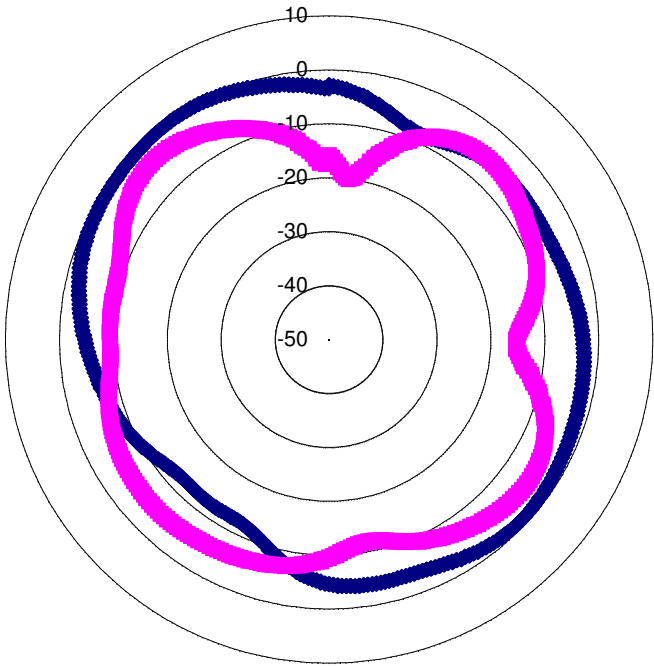
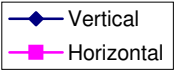
Operation Frequency Range	1921.536 to 1928.448 MHz
Maximum Gain	0 dBi
Type	Monopole
Operation bandwidth	10MHz
Nominal Impedance	~50 ohms
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-EL1121-x-F-DE-1

***NOTE:** Frequency and Orientation with maximum Antenna Gain.

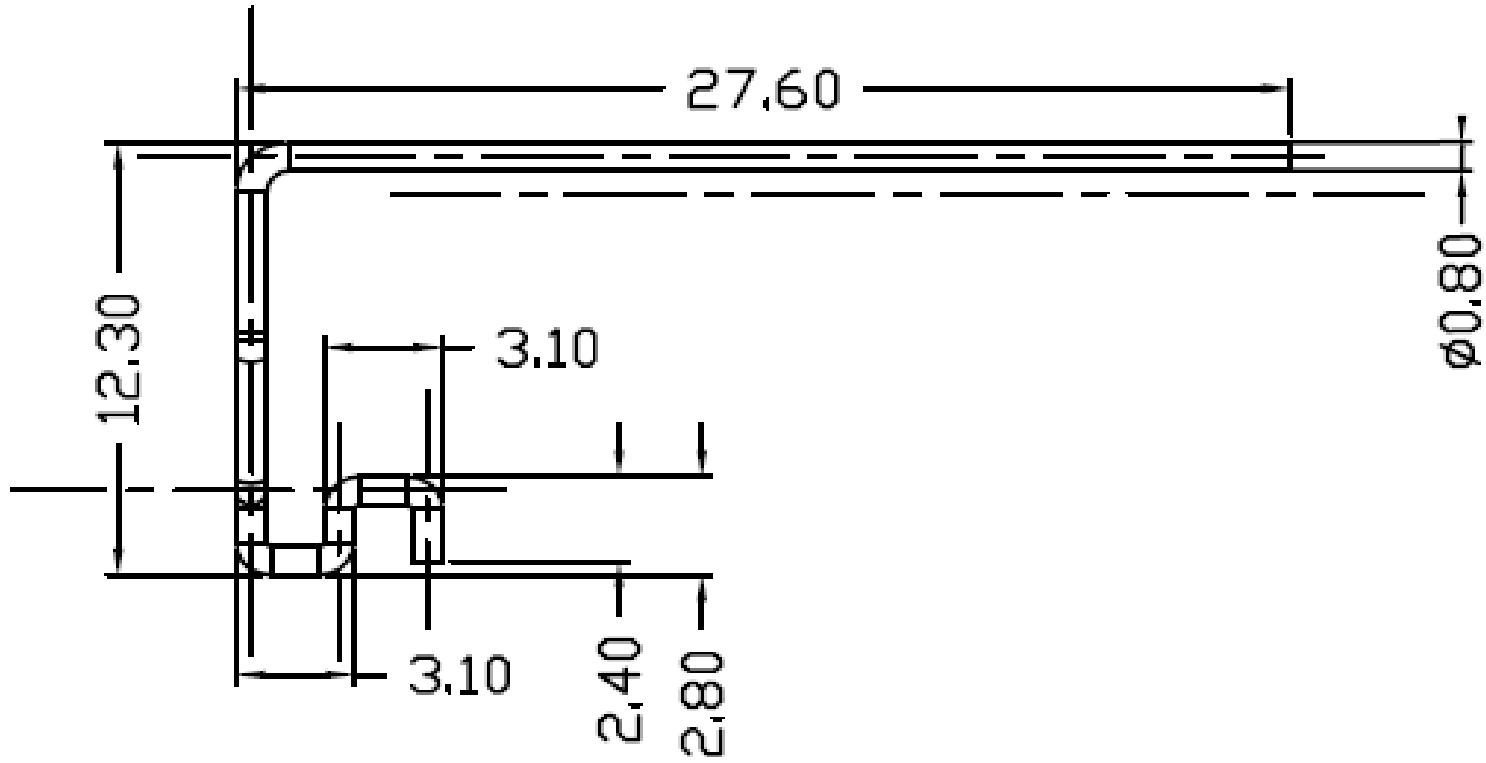
Frequency: 1924.992 MHz

	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-3.52

EL1121-x BS ANT1 Radiation Pattern_XY Plane



EL1121-x BS ANT0 Antenna Dimensions in mm



Model: EL1121-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
EL1121-x BS ANT_1	1.9GHz Monopole

Specification:

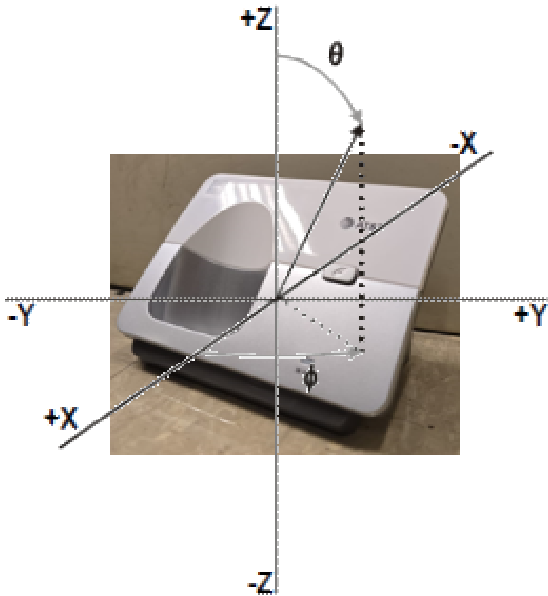
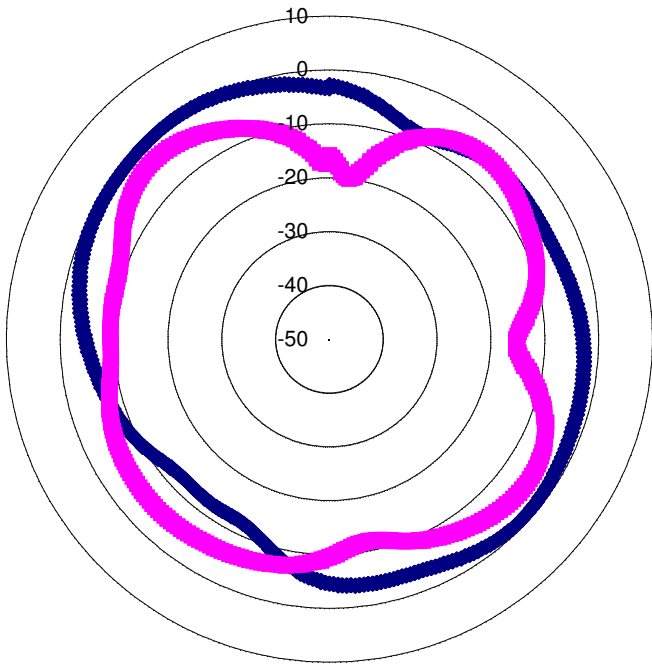
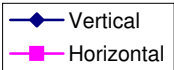
Operation Frequency Range	1921.536 to 1928.448 MHz
Maximum Gain	0 dBi
Type	Monopole
Operation bandwidth	10MHz
Nominal Impedance	~50 ohms
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-EL1121-x-F-DE-1

***NOTE:** Frequency and Orientation with maximum Antenna Gain.

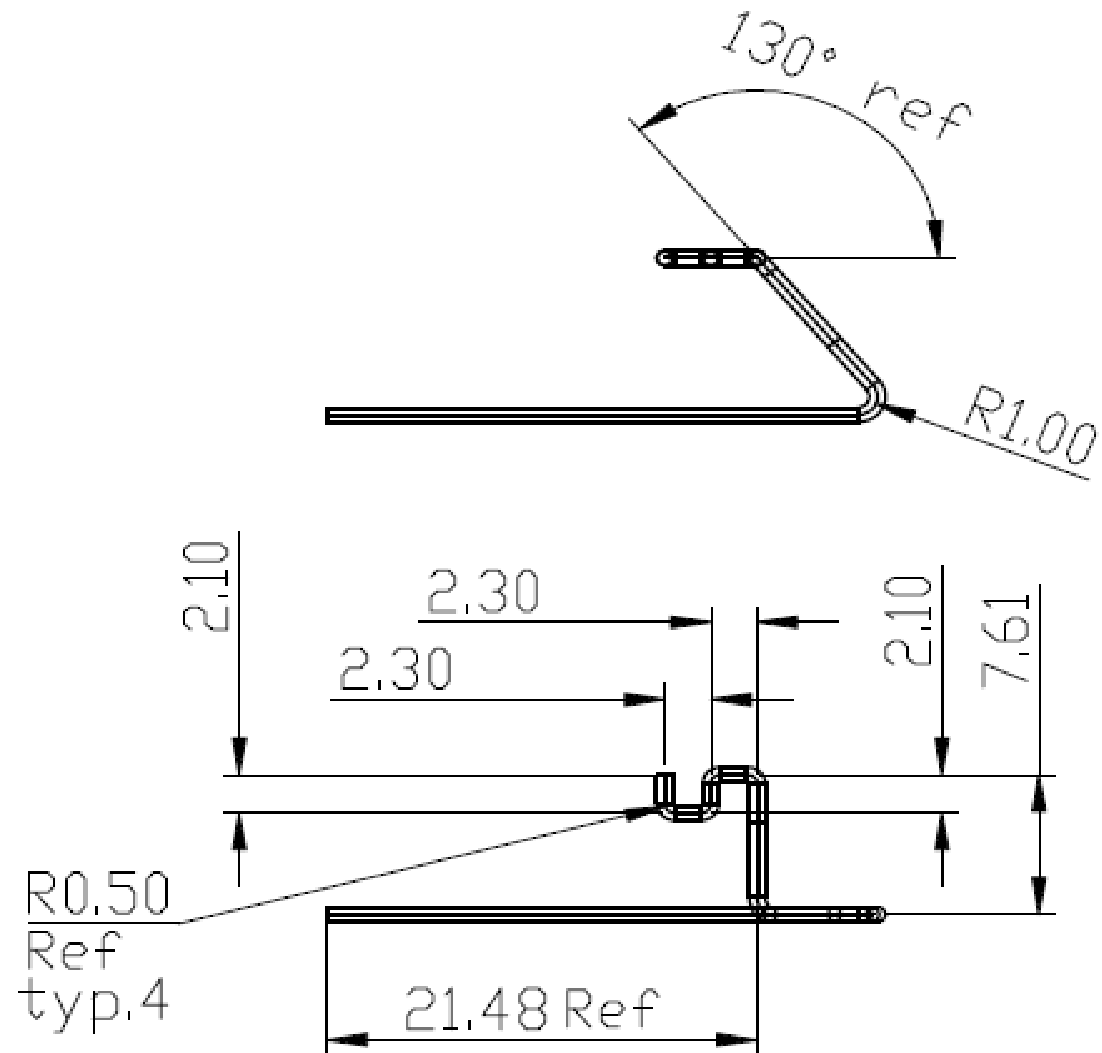
Frequency: 1924.992 MHz

	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-3.52

EL1121-x BS ANT1 Radiation Pattern_XY Plane



EL1121-x BS ANT1 Antenna Dimensions in mm



Model: EL1121-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
EL1121-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-EL1121-x-F-BT-0

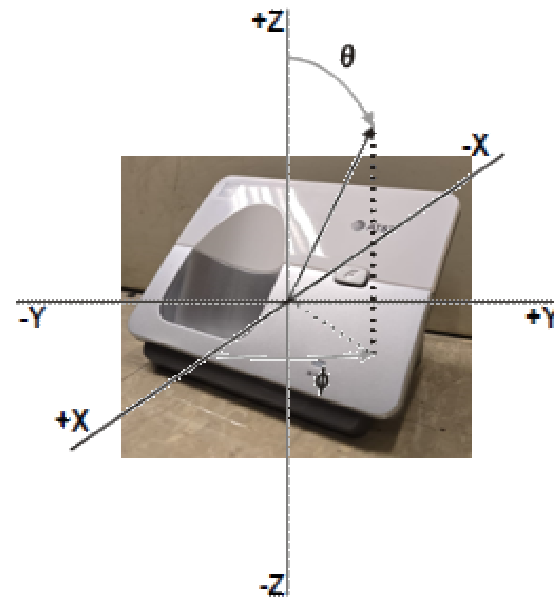
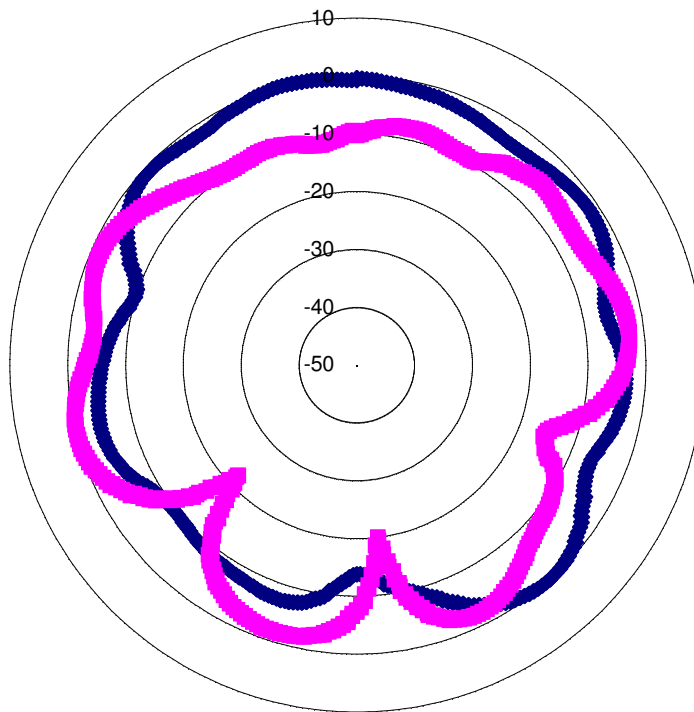
***NOTE:** Frequency and Orientation with maximum Antenna Gain.

Frequency: 2440MHz

	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-0.14

EL1121-x BS BT Radiation Pattern_XY Plane

◆ Vertical
■ Horizontal



EL1121-x BS BT Antenna Dimensions in mm	
---	--

