

Model: EL2131 Handset Antenna

Antenna description:

This monopole antenna is optimized and used in the Handset unit. This antenna is solder connected to the ANT RF output in the main PCB.

Model Number	Description
EL2131 Handset ANT	1.9GHz monopole antenna

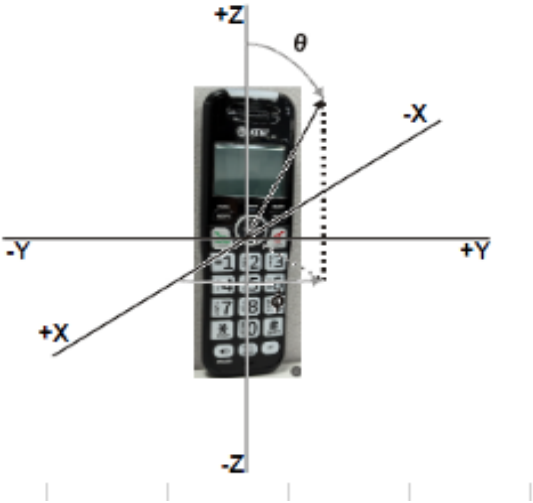
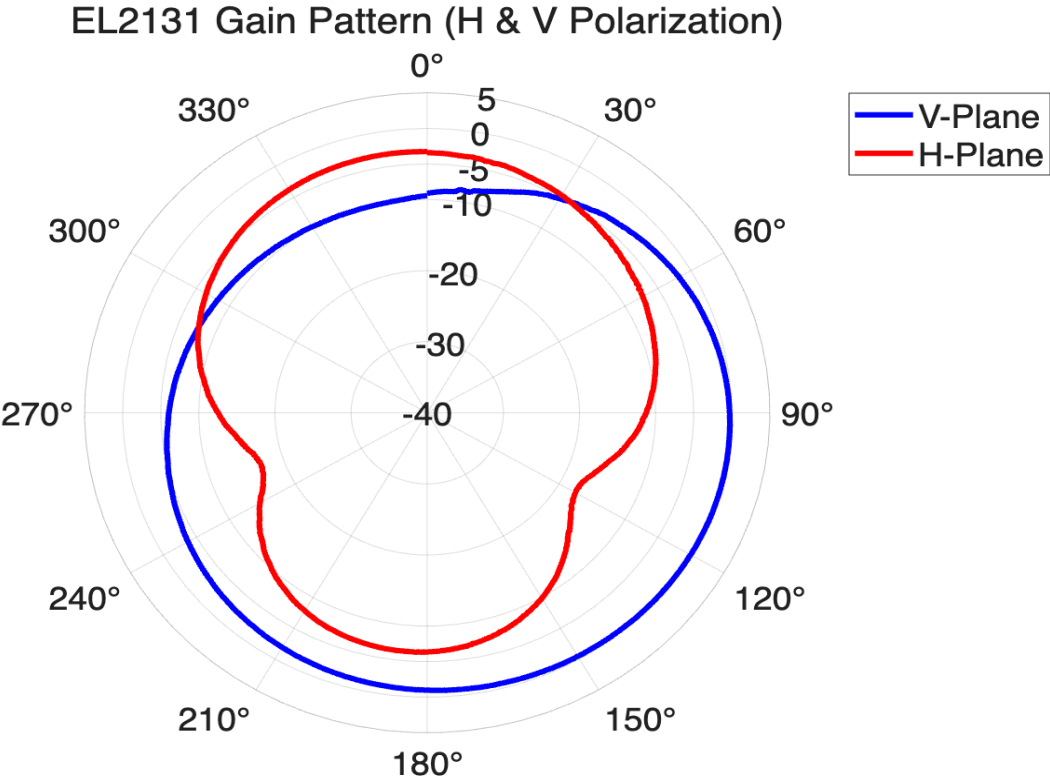
Specification:

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-EL2131-P-DE-0

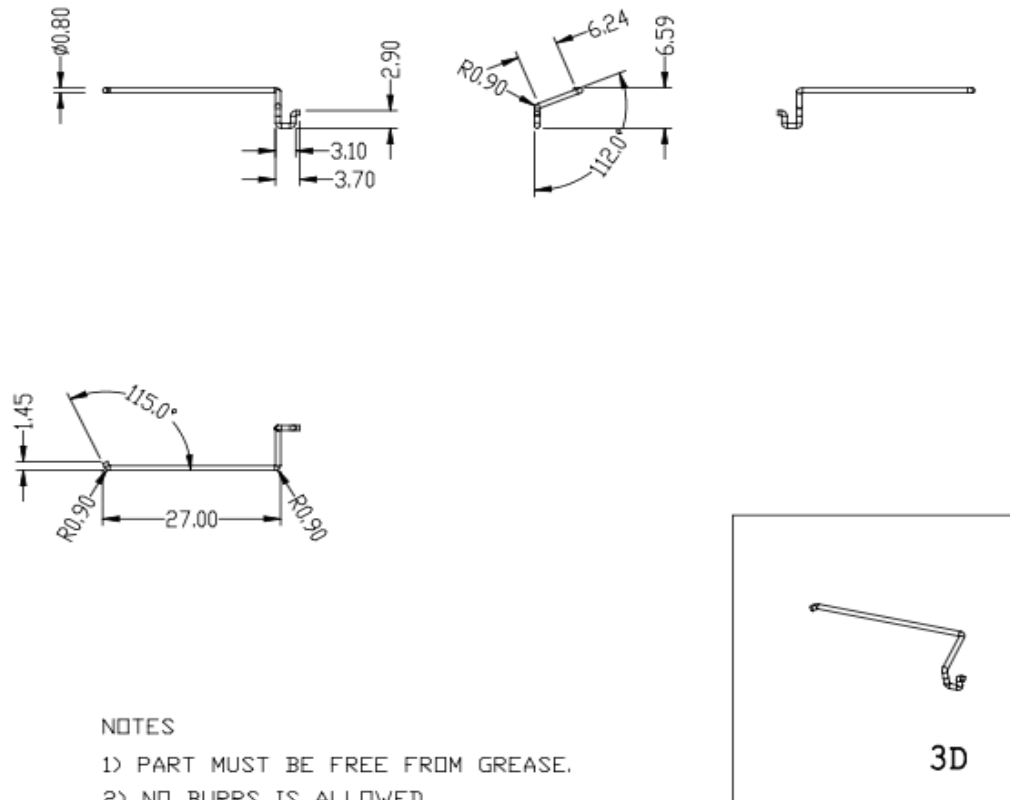
***NOTE: Frequency and Orientation with maximum Antenna Gain.**

Frequency: 1924.992 MHz

	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-3.22



EL2131 Handset Antenna Dimensions in mm



NOTES

- 1) PART MUST BE FREE FROM GREASE.
- 2) NO BURRS IS ALLOWED.
- 3) NO SURFACE IMPERFECTION ALLOWED
- 4) PART W/ PLATING MUST BE PACKED BY CLEAN BLISTER TRAY.
- 5) THE PART MUST CONFORM TO ROHS AND REACH REQUIREMENTS.

Model: EL2131 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		
L2131 BS ANT 0			1.9GHz Monopole		

Specification:

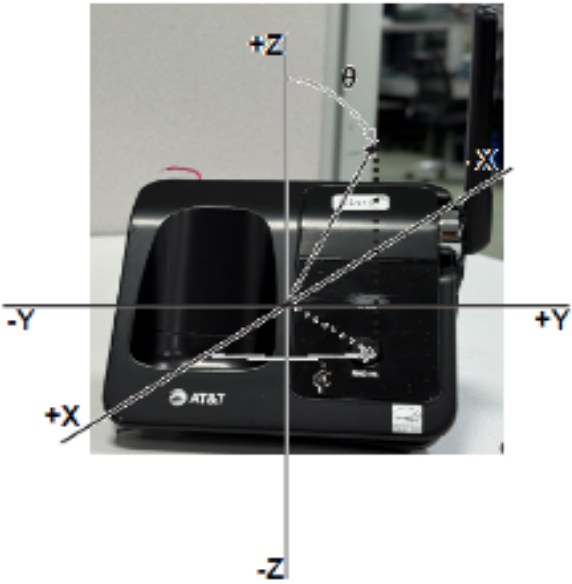
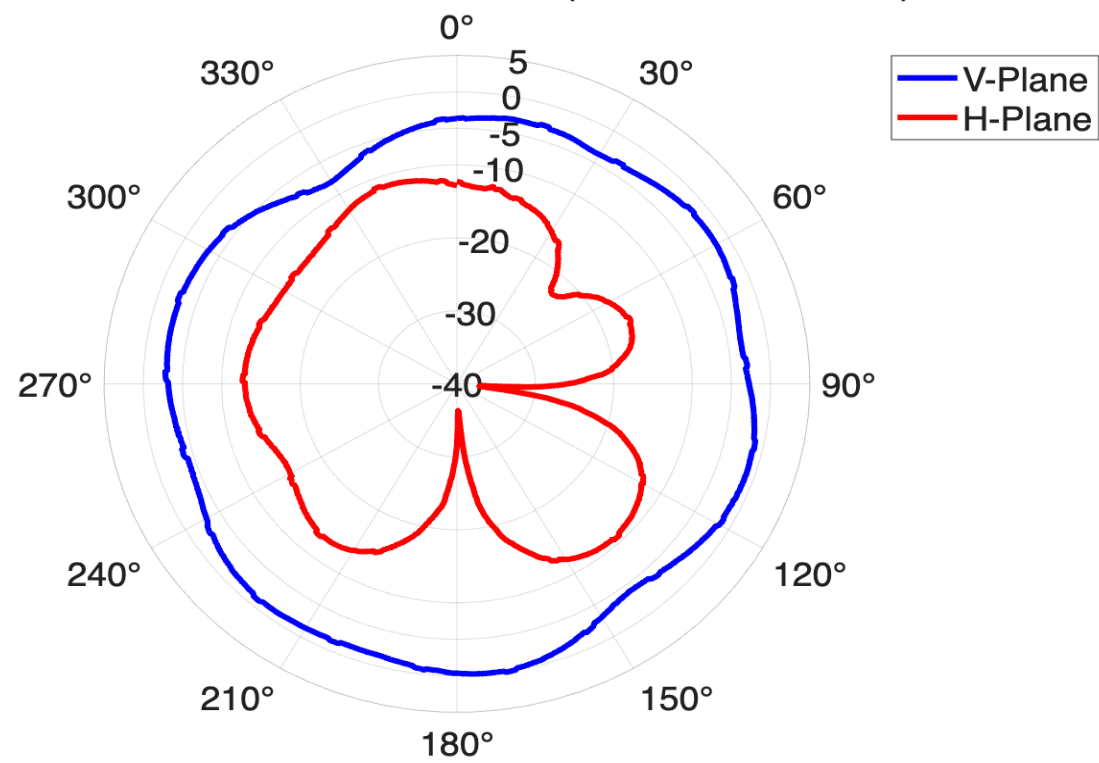
tion Frequency Range		1921.536 to 1928.448 MHz							
Maximum Gain							0 dBi		
Type			Monopole						
eration bandwidth			10MHz						
ominal Impedance			~50 ohms						
Manufacturer			Vtech Telecommunications Ltd						
Manufacturer address							23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong		
Model number							ANT-EL2131-F-DE-1		

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

Frequency: 1924.992 MHz

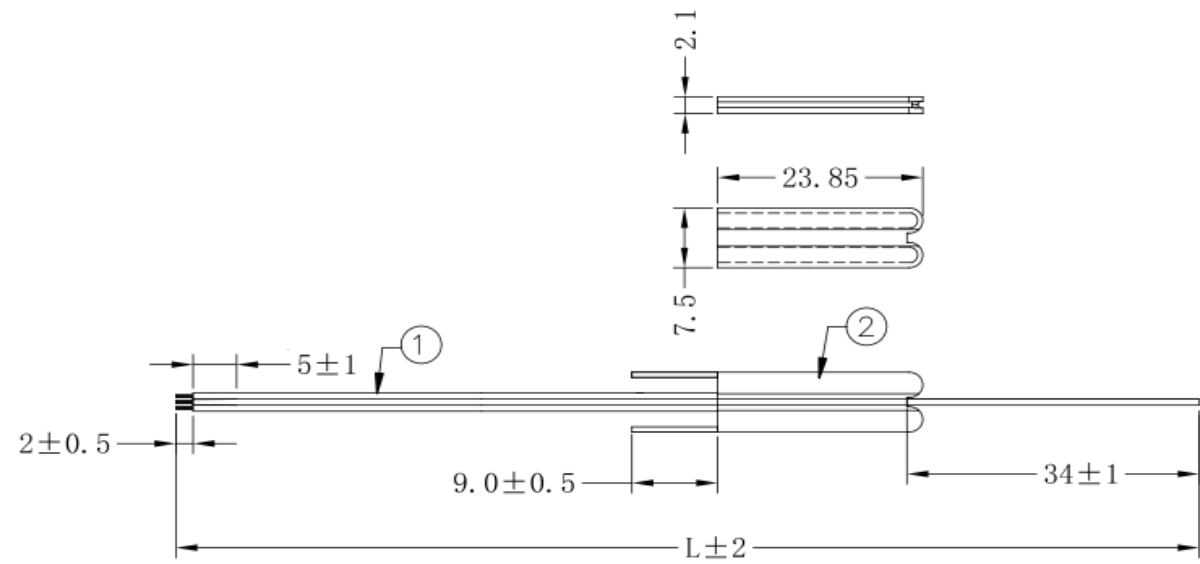
	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-10.00

EL2131 BS ANT0 Gain Pattern (H & V Polarization)



EL2131 BS ANT0 Antenna Dimensions in mm

APPROVE:



Model: EL2131 Base Bluetooth Antenna

Antenna description:

This IFA antenna is optimized and used in the Base unit. This antenna is layout on the Bluetooth RF output in the main PCB.

Model Number	Description
EL2131 BS BT ANT	2.4GHz Wire Monopole Antenna

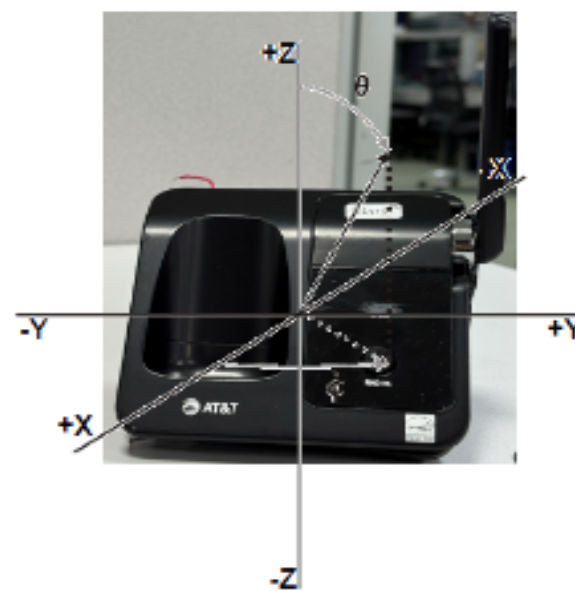
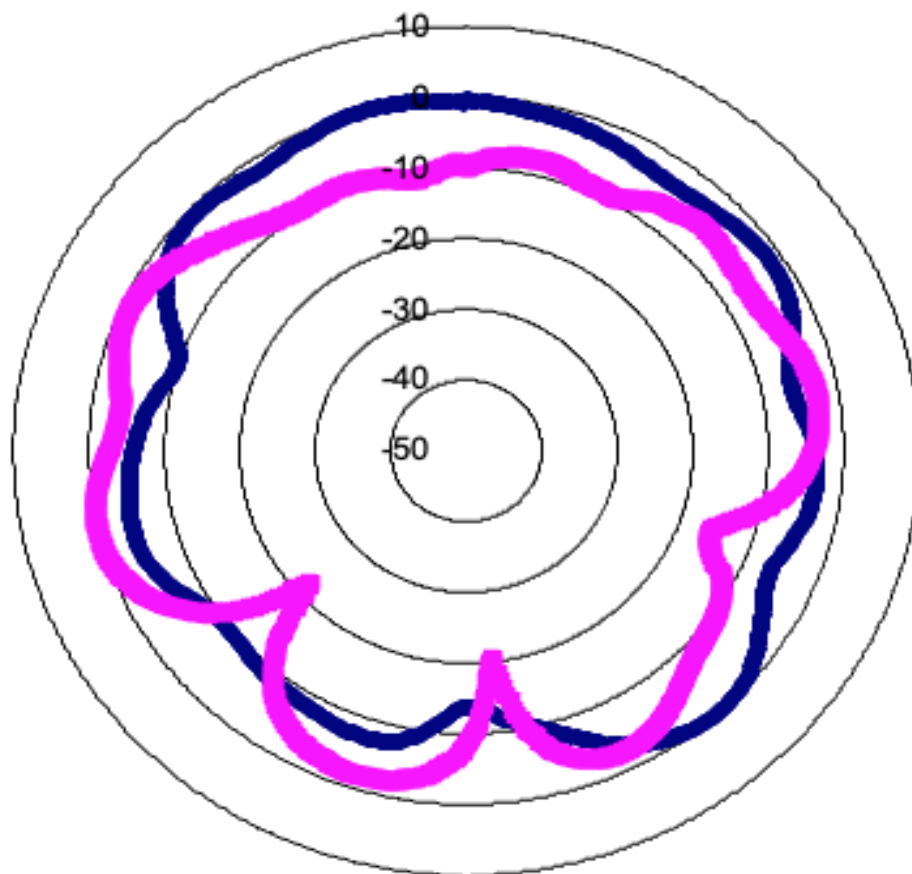
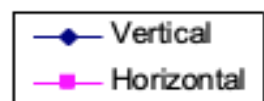
Specification:

Operation Frequency Range	2402 to 2480 MHz
Maximum Gain	0 dBi
Type	Print IFA
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-EL2131-F-BT-0

***NOTE: Frequency and Orientation with maximum Antenna Gain.**
Frequency: 2440MHz

	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-0.14

EL2131 BS BT Radiation Pattern_XY Plane



Model Name	EL2131
Target HS ant gain	0
Target BS ant0 gain	0
Target BS ant1 gain	0
Targe BS BT gain	0