

Model: D810WB 2.4G WIFI Antenna

Antenna description:

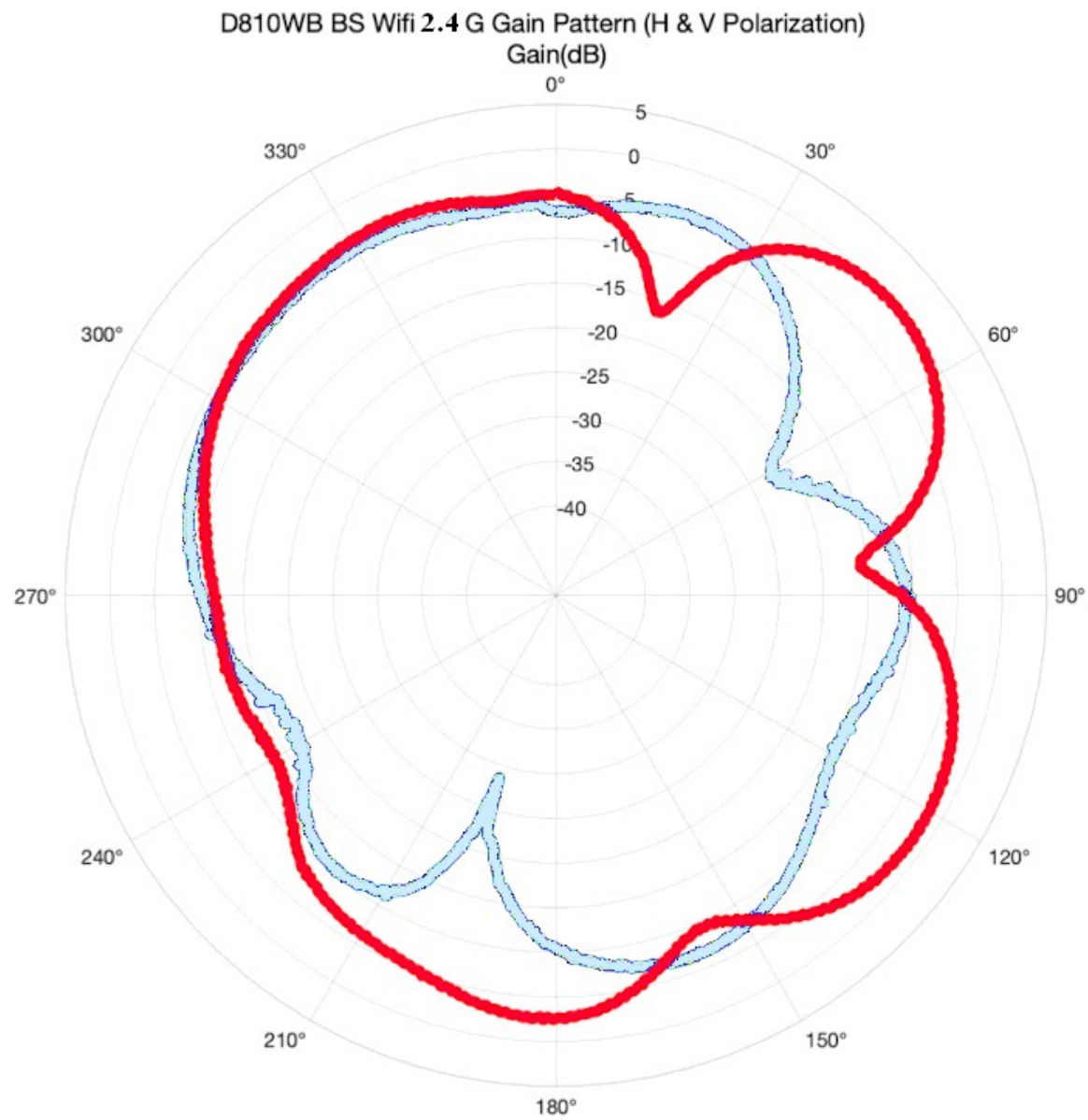
This Printed F antenna is optimized and used in the Base unit. This antenna is soldered to the 2.4G WIFI RF output port on the main PCB via a segment of coaxial cable.

Model Number	Description
D810WB 2.4G WIFI	2.4G printed F-Antenna

Specification:

Operation Frequency Range	2412 to 2485 MHZ
Maximum Gain	0 dBi
Type	printed F-Antenna
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-D810WB-2.4GW-DE-0

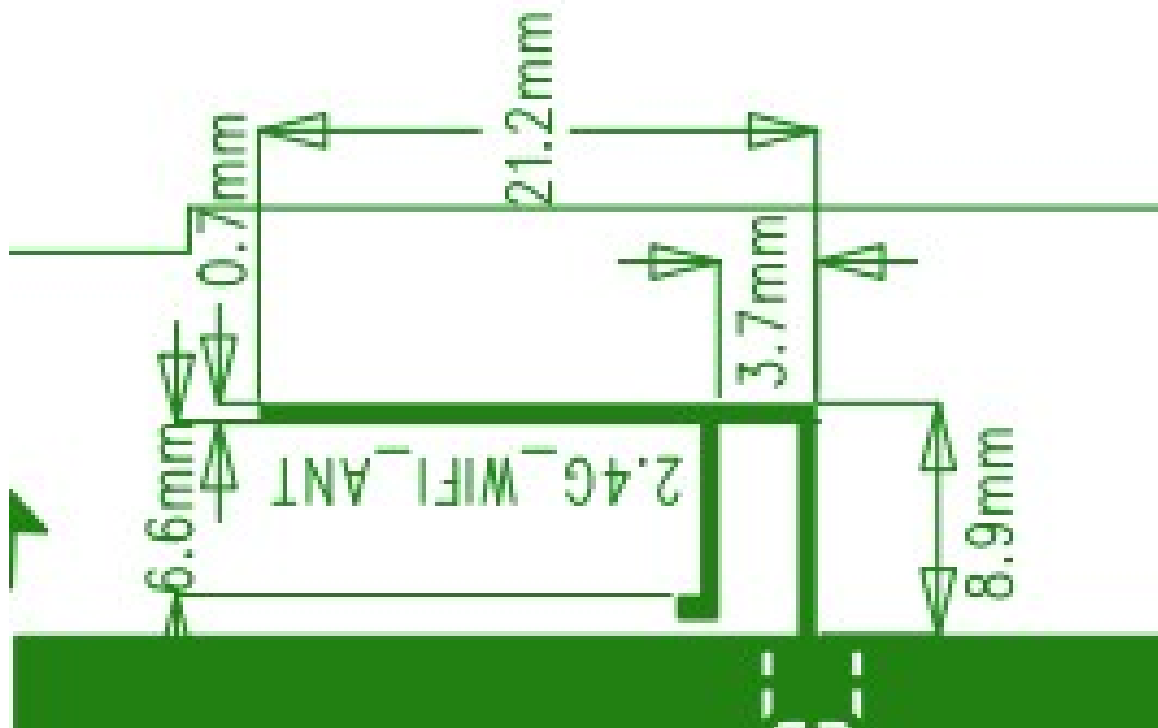
*NOTE: 2.4G WIFI Frequency and Orientation with maximum Antenna Gain.



Frequency: 2442 MHZ

	Vertical	Horizontal
Antenna Gain (dBi)	-4.8	0

D810WB 2.4G WIFI Antenna Dimensions in mm



Model: D810WB 5G WIFI Antenna

Antenna description:

This PIFA antenna is optimized and used in the Base unit. This antenna is directly soldered to the 5G RF output in the main PCB.

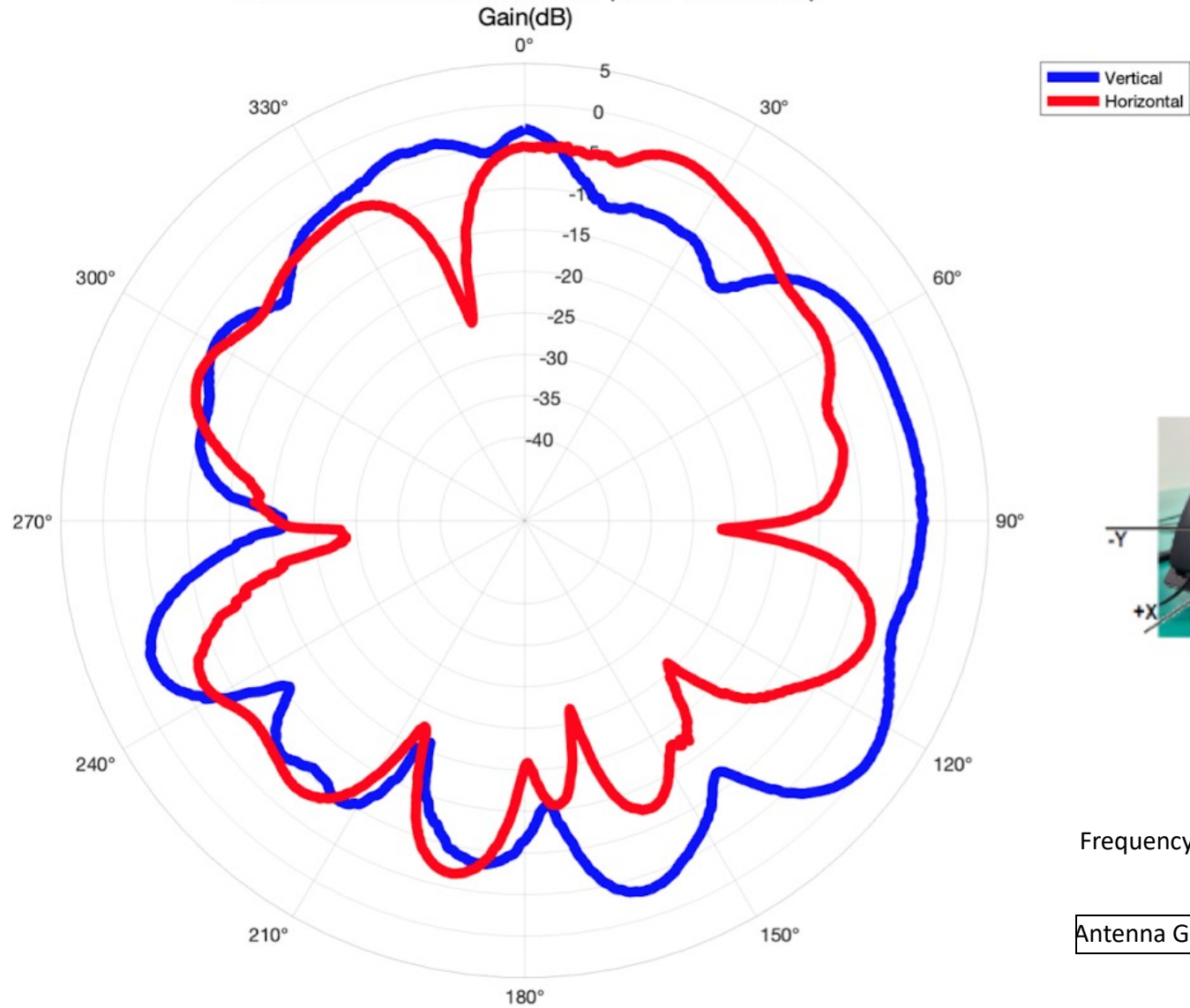
Model Number	Description
D810WB 5G WIFI ANT	5G PIFA Antenna

Specification:

Operation Frequency Range	5120 to 5850 MHZ
Maximum Gain	0 dBi
Type	PIFA
Operation bandwidth	900MHz
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-D810WB-5GW-DE-0

*NOTE: Base 5G WIFI Frequency and Orientation with maximum Antenna Gain.

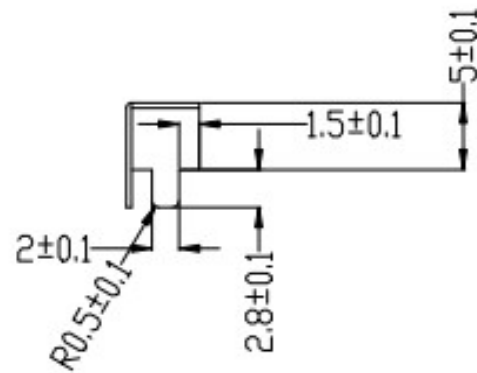
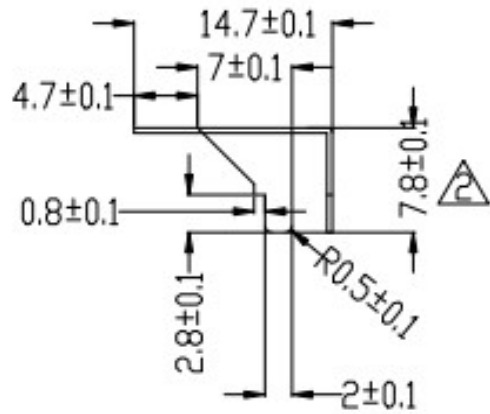
D810WB BS Wifi 5G Gain Pattern (H & V Polarization)



Frequency: 5190 MHZ

	Vertical	Horizontal
Antenna Gain (dBi)	0	-2.81

D810WB 5G WIFI Antenna Dimensions in mm:



Model: D810WB BT Antenna

Antenna description:

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

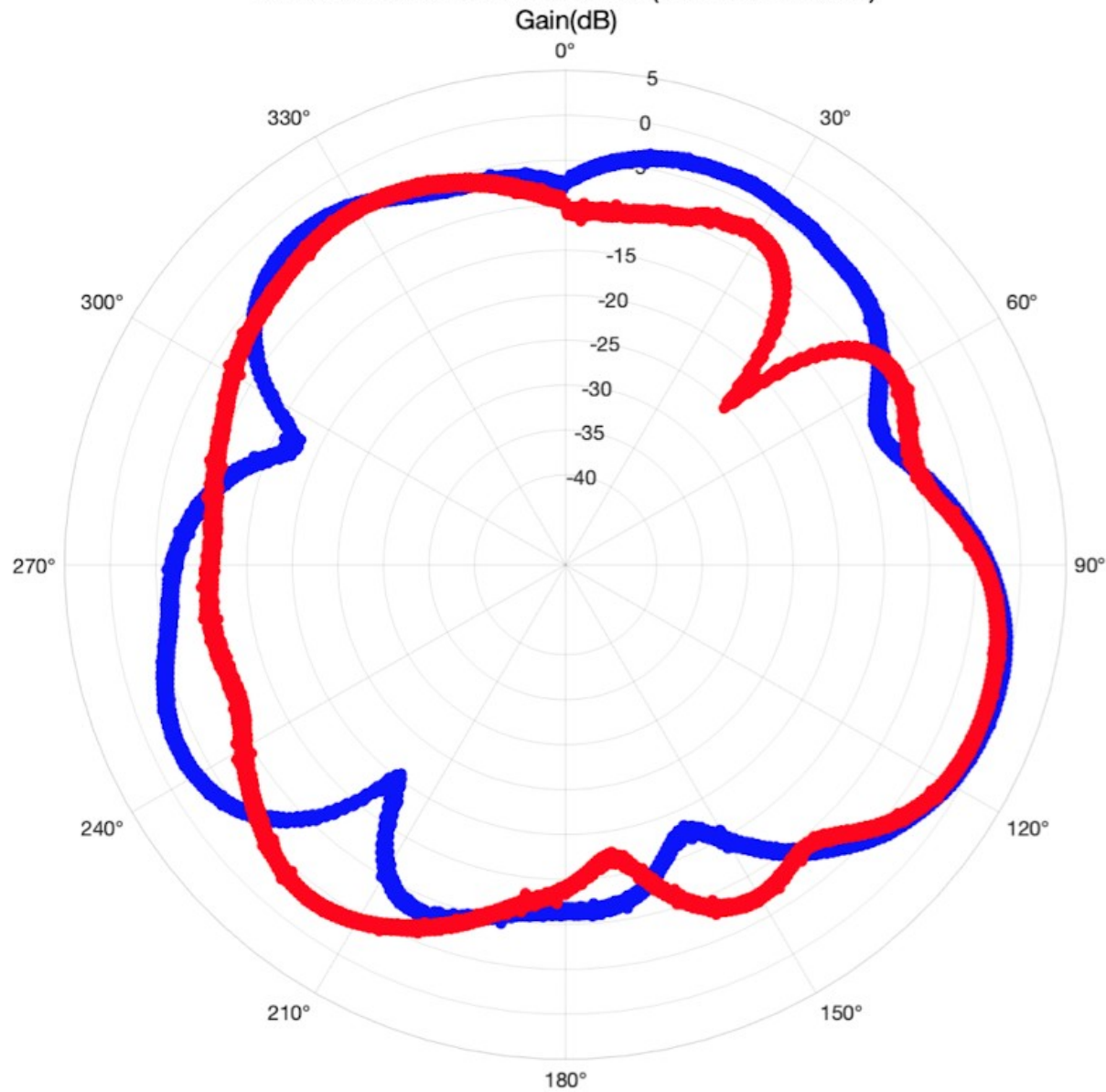
Model Number	Description
D810WB BT ANT	2.4G BT monopole Antenna

Specification:

Operation Frequency Range	2402 to 2480 MHZ
Maximum Gain	0 dBi
Type	monopole Antenna
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-D810WB-BT-DE-1

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

D810WB BlueTooth Gain Pattern (H & V Polarization)



Vertical
Horizontal



Frequency: 2442 MHZ

	Vertical	Horizontal
Antenna Gain (dBi)	0.00	-0.74

D810WB BT Antenna Dimensions in mm:

