

DPC100 BLE ANT DATA SHEET

DPC100 Antenna Datasheet

1. Basic Information

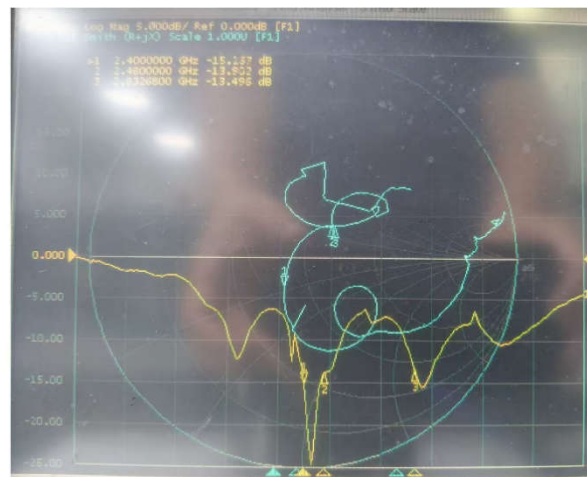
	Antenna Name	DPC100 Ant
●	Brand	AVINOX
●	Operation Frequency	2.4~2.483GHz;
●	Connector Type	None
●	Impedance	50ohm
●	Gain iformation	BT ANT 1: -1.07dBi@2.4~2.483 GHz BT ANT 2: -1.33dBi@2.4~2.483 GHz
●	VSWR	BT:≤ 3
●	Polarization type	Linear
●	3dB Beamwidth	Omnidirectional
●	Type	LDS

2、 BT Antenna data

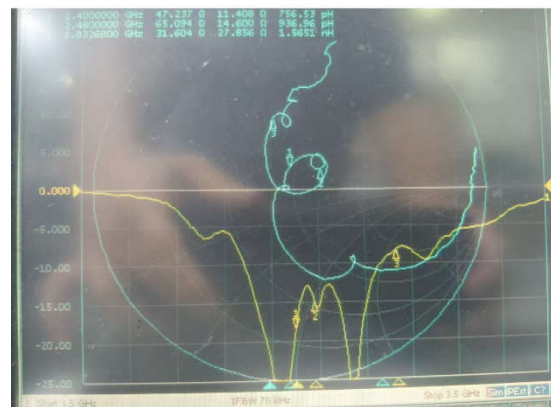
Radiation Pattern

Test lab: Satimo SG24

BT ANT 1:



BT ANT 2:



BT ANT 1:

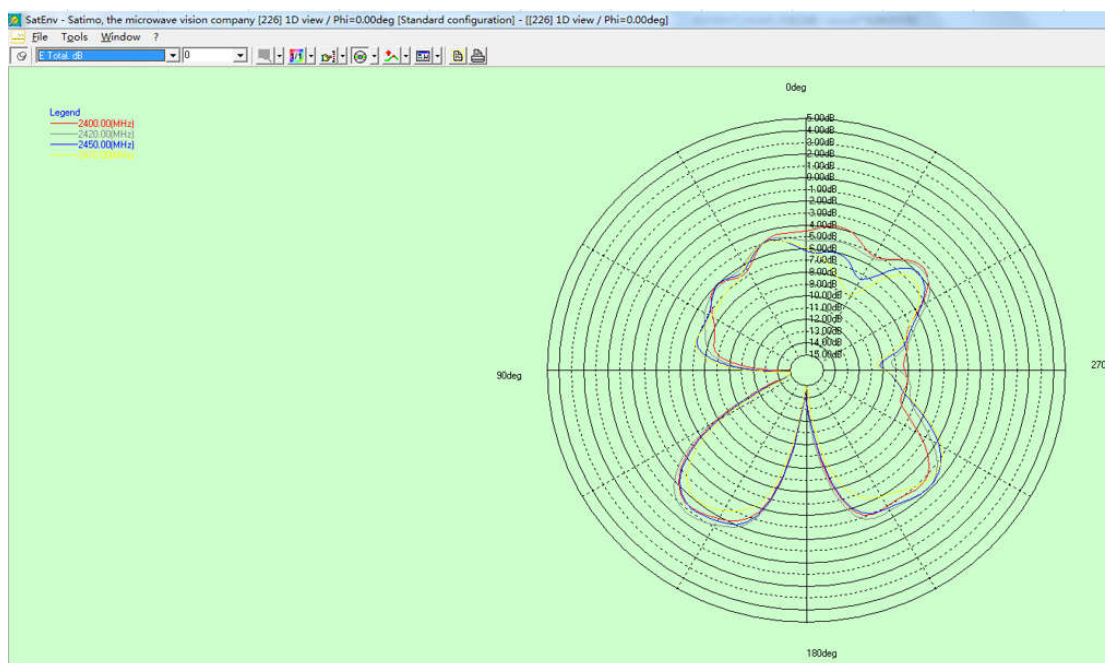
Fre(GHz)	Effic(%)	Gain
2.4000	17.7	-1.27
2.4100	17.4	-1.60
2.4200	18.8	-1.70
2.4300	19.2	-1.80
2.4400	20.8	-1.19
2.4500	22.4	-1.30
2.4600	23.5	-1.27

2.4700	24.3	-1.23
2.4800	23.8	-1.07
2.4900	24.3	-1.8
2.5000	23.4	-1.19

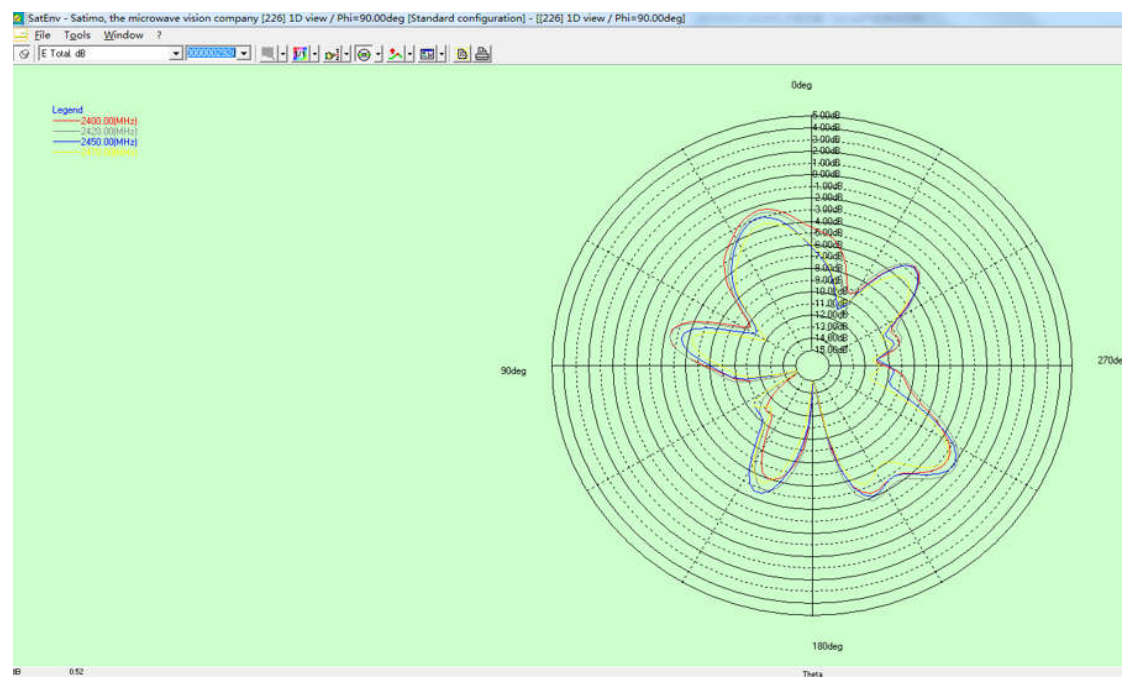
BT ANT 2:

Fre	Effi (%)	Gain
2.4000	14.20	-2.07
2.4100	15.20	-1.90
2.4200	17.10	-1.70
2.4300	18.80	-1.80
2.4400	19.20	-1.39
2.4500	19.60	-1.50
2.4600	18.80	-1.47
2.4700	19.80	-1.50
2.4800	20.70	-1.37
2.4900	21.20	-1.33
2.5000	20.20	-1.35

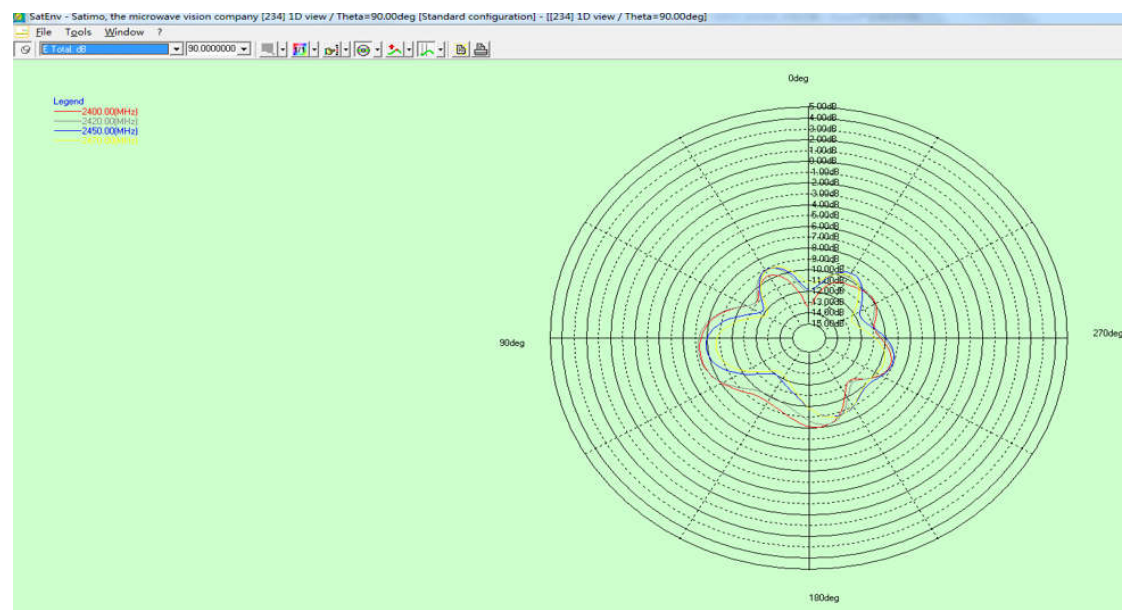
BT ANT 1



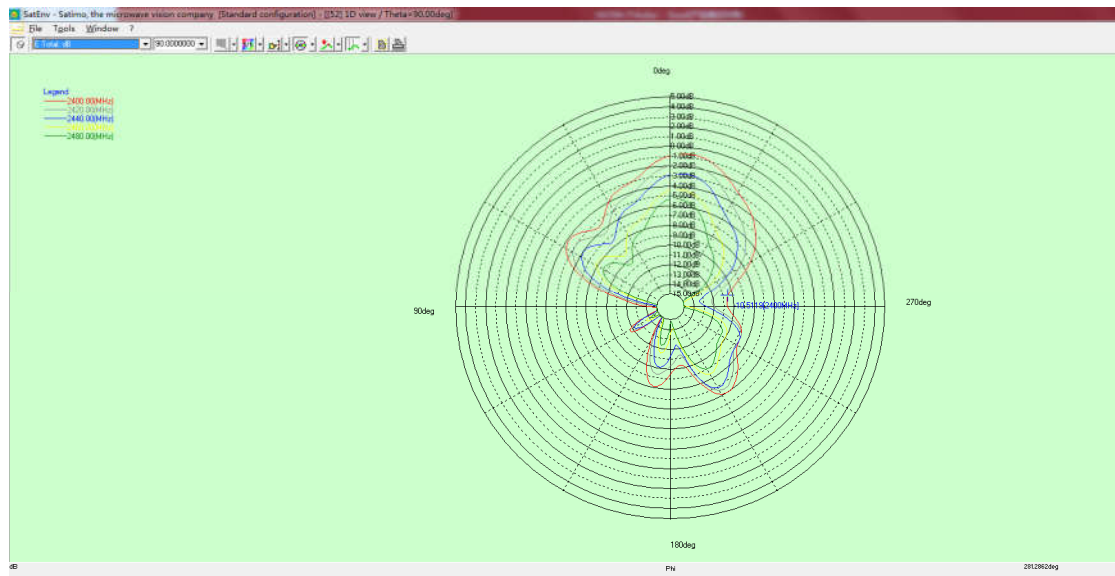
Phi =0



Phi = 90

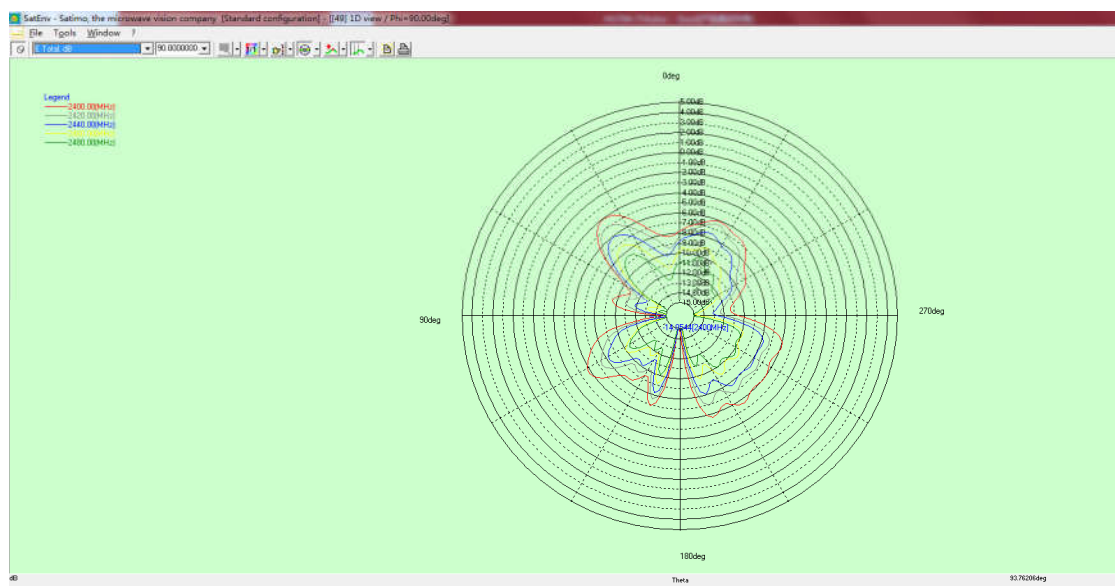


Theta = 90

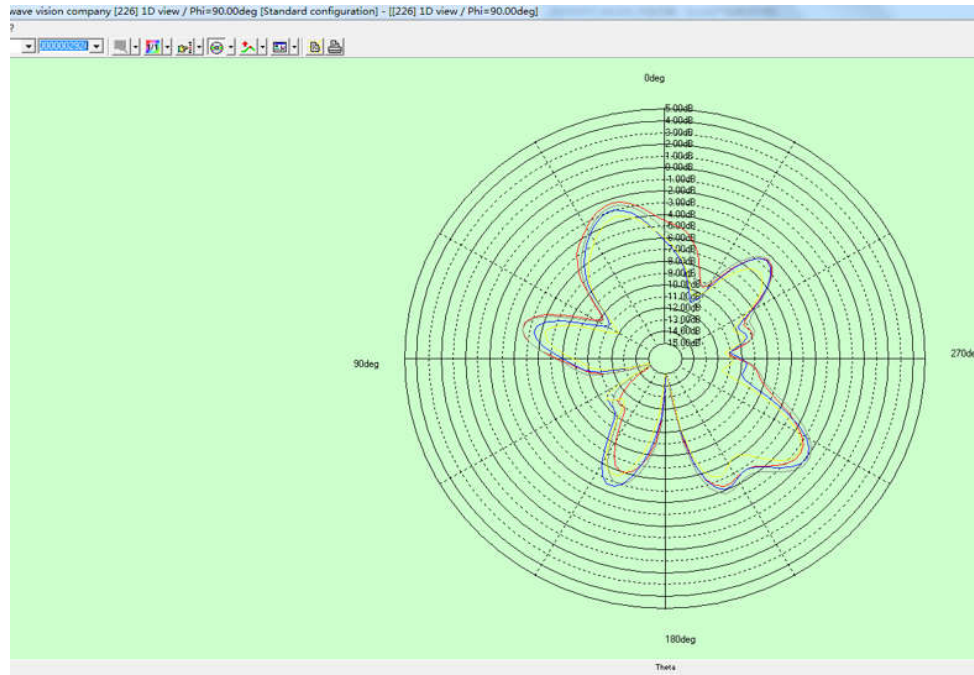


BT ANT 2:

Phi =0

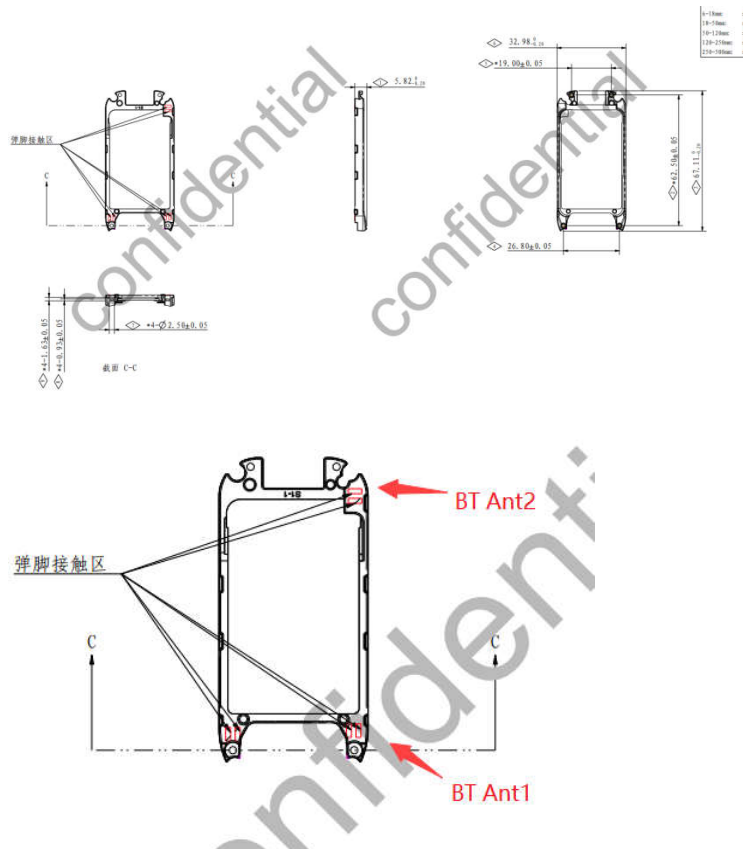


Phi =90



Theta = 90

3 、Structure drawing



4、Manufacturer Information

Manufacturer: Huizhou Speed Wireless Technology Co., Ltd.

Address: Huizhou Zhongkai High-tech Zone Chenjiang Street Electronics Science & Technology Park