

V9330 Built in antenna spec.

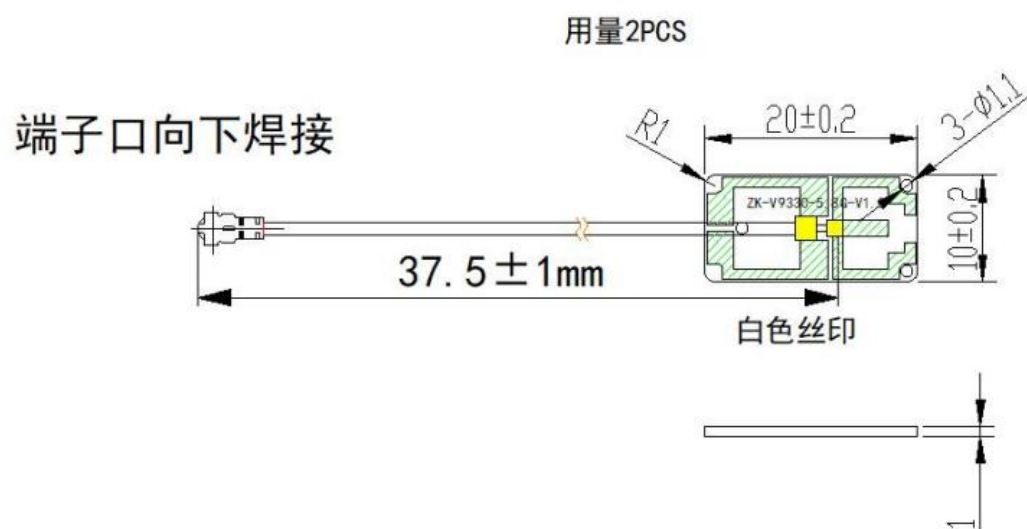
一：Antenna name：

Antenna name：9330 Built in antenna

二. Electrical and mechanical properties:

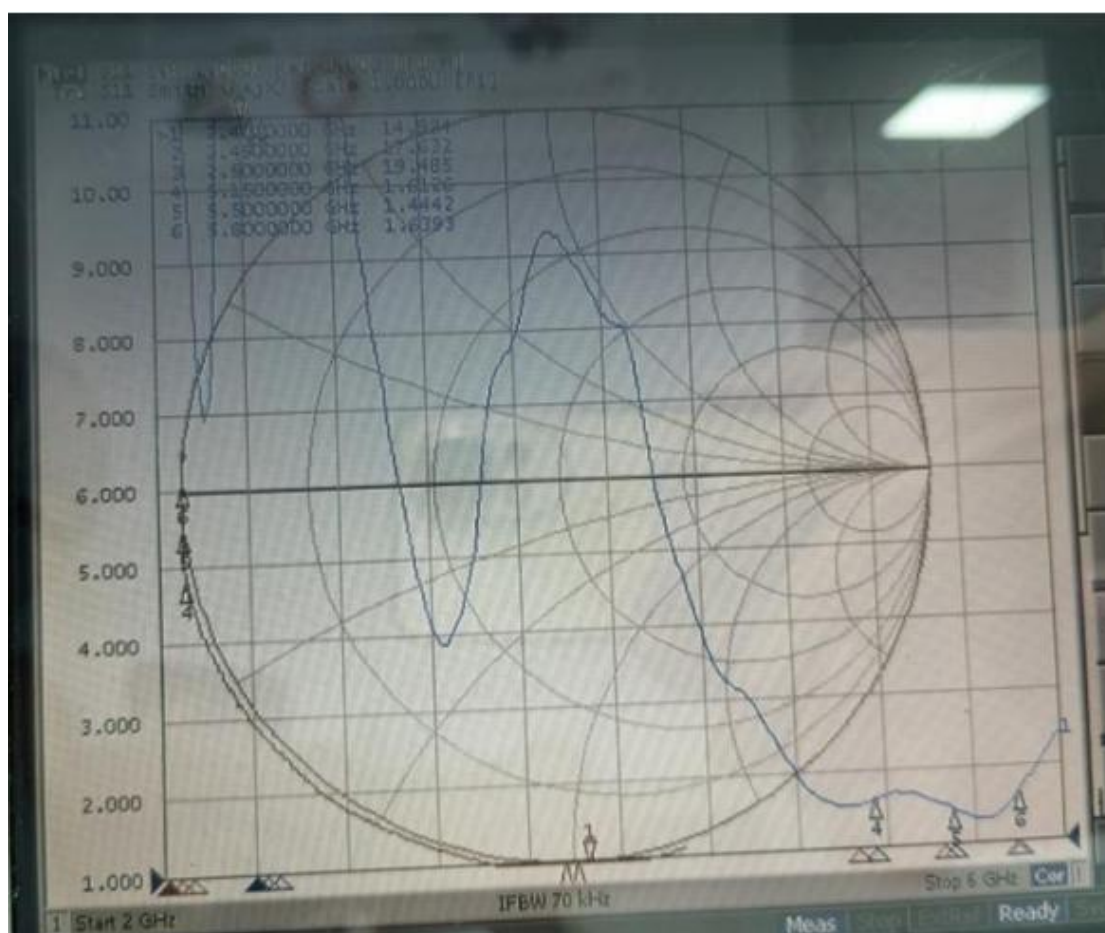
Electrical Specifications	
Frequency Range	5150-5850MHz
VSWR	≤ 2.0
GAIN	3.0dBi
Radiation	OMNI
Polarizatin	Vertical Polarization
Input Impedance	50 Ω
Mechanical Specifications	
Input connector	IPEX-1
Antenna materia	PCB
Working Temperature	-30°C~+85°C
Working Humidity	40~85%

三、Antenna size diagram:



四.Antenna performance testing:

a.S11:

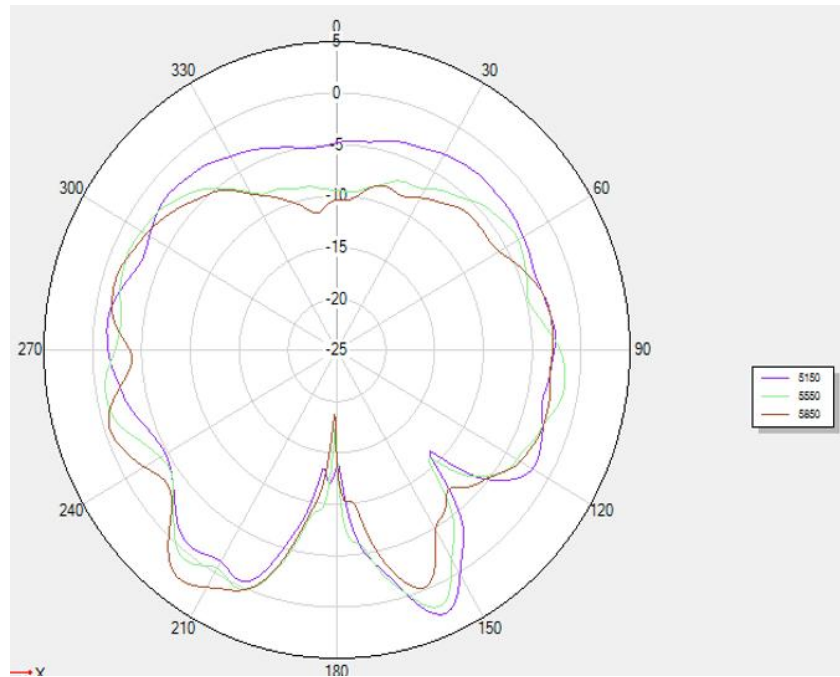


b.Whole machine gain efficiency:

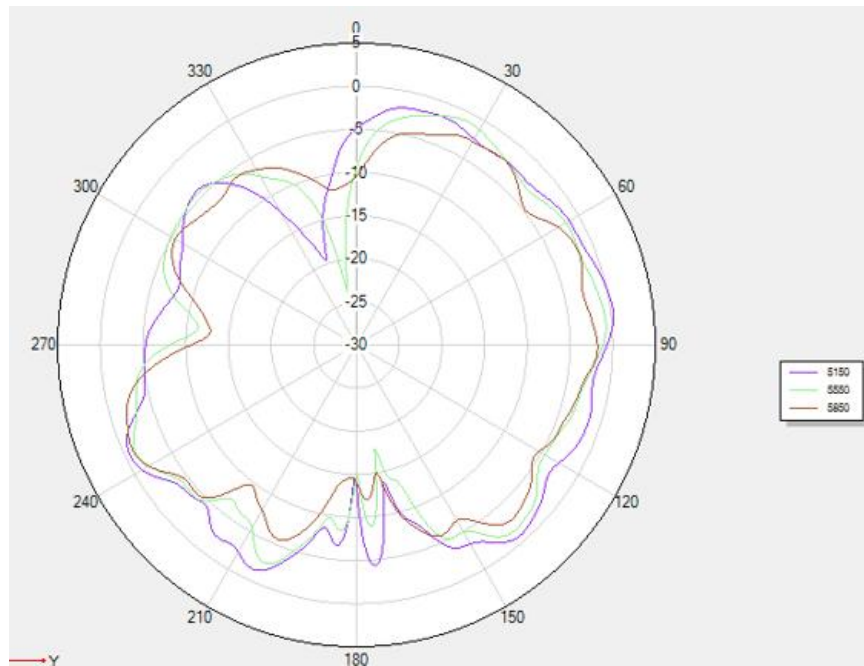
Frequency/Mhz	Efficiency / %	MaxGain/dBi
5150	69.18	4.77
5200	64.86	4.41
5250	65.77	4.24
5300	66.68	4.74
5350	64.42	4.73
5400	62.09	4.32
5450	63.83	4
5500	67.3	3.95
5550	65.61	4.14
5600	61.94	3.85
5650	63.97	3.83
5700	63.68	3.79
5750	64.12	3.98
5800	62.81	4.21
5850	64.12	3.61

C . direction diagram:

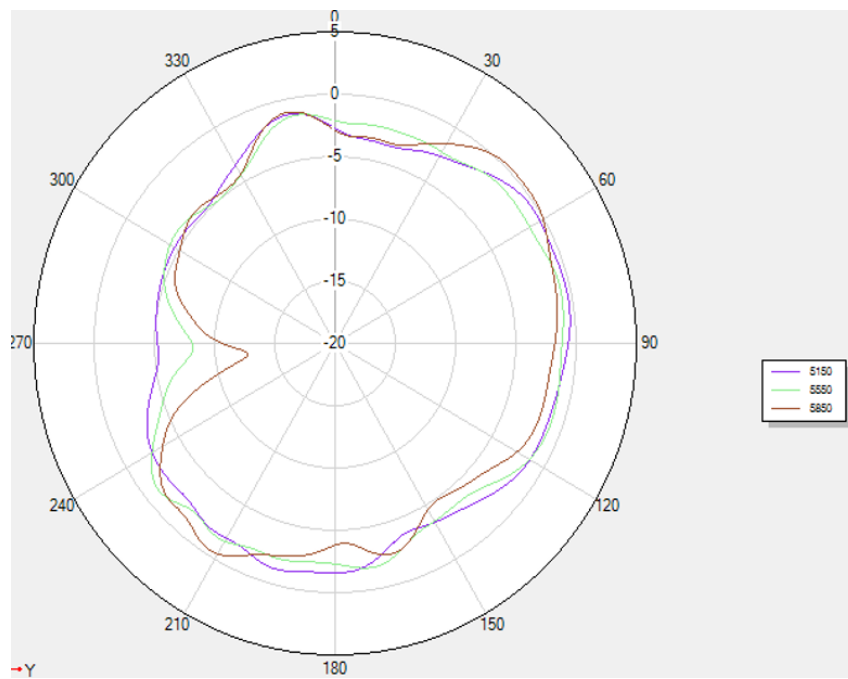
2D:



Phi 0 2D

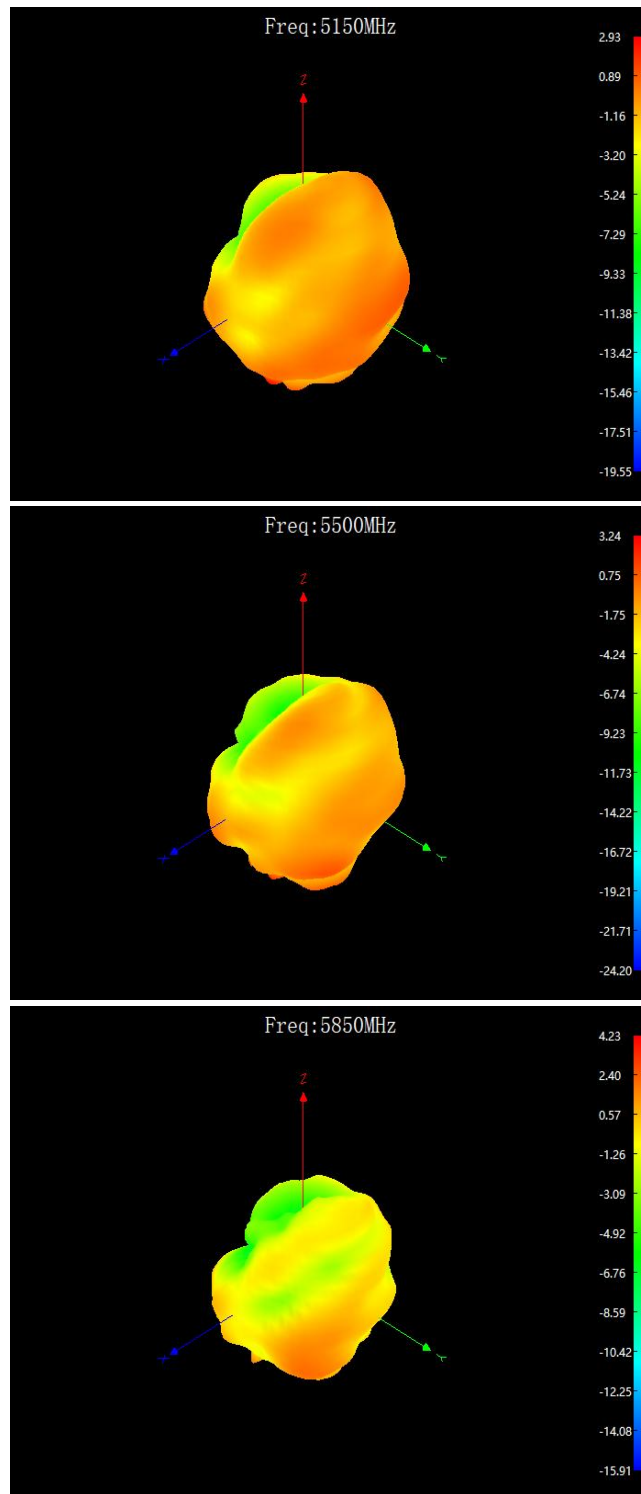


Phi 90 2D



Theta 90 2D

3D:



3D Etotat

五 . Manufacturer information:

Manufacturer: Shenzhen Zhongke Wireless Technology Co., Ltd;

Address: 1st Floor, Building A, Jinrui Zhonghe Industrial Park, Dalang Street, Longhua District, Shenzhen

六 . Antenna image:

