

## PRODUCT SPECIFICATION

Customer: Shenzhen Xianzhi IOT Technology Co., Ltd.

Customer's part number: ANT000074

Product description: 5G Antenna

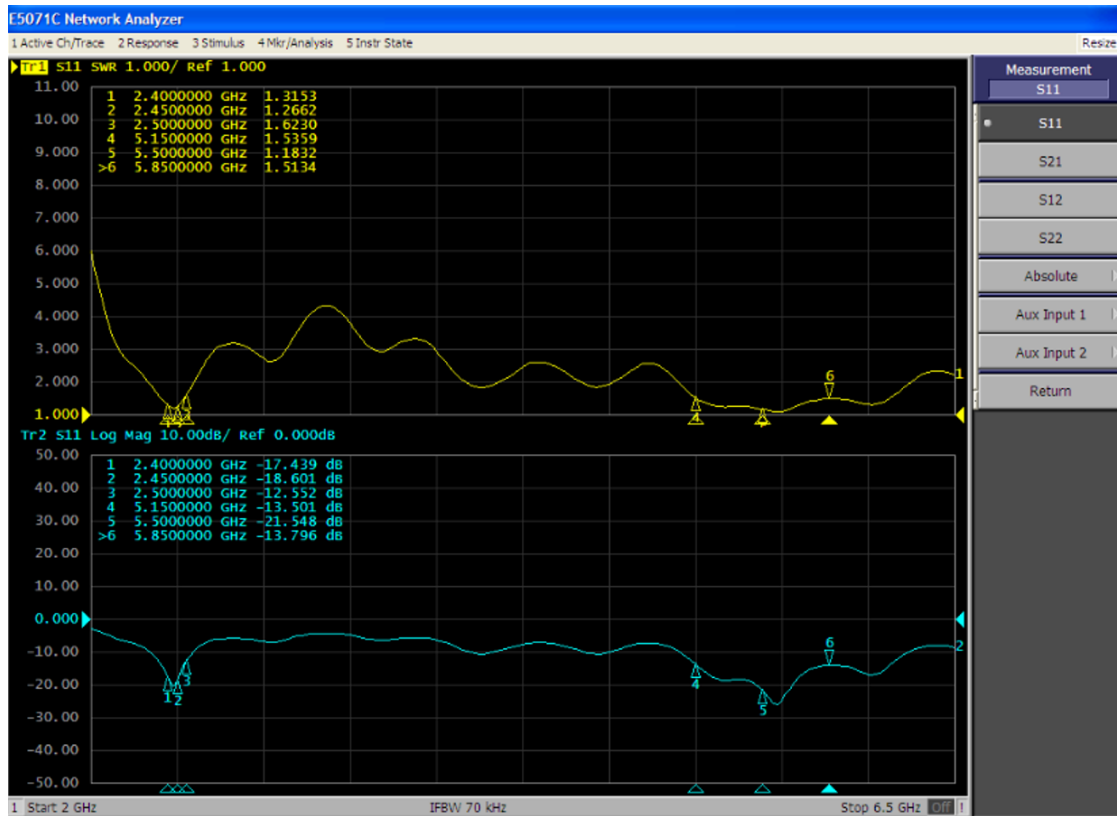
Manufacturer: Shenzhen RedbirdTek Technology Co., Ltd.

### 1、PRODUCT TECHNICAL SPECIFICATION

Electrical Specifications	
Frequency Range (MHz)	5150-5350/5700-5850
Bandwidth (MHz)	350
Input Impedence ( $\Omega$ )	50
V.S.W.R	$\leq 2.0$
Gain (dBi)	5.2G: <2.98 5.8G: <2.98
Polarization Type	Vertical
Mechanical Specifications	
Antenna Length (mm)	21.5*3.5*4.5mm
Radiator	Steel
Connect Type	DIP
Working Temp( $^{\circ}$ C)	-20~90
Storage Temperature( $^{\circ}$ C)	-40~95
Radome Color	Silver
Weight (g)	0.5



## 4、STATIONARY WAVE PATTERN

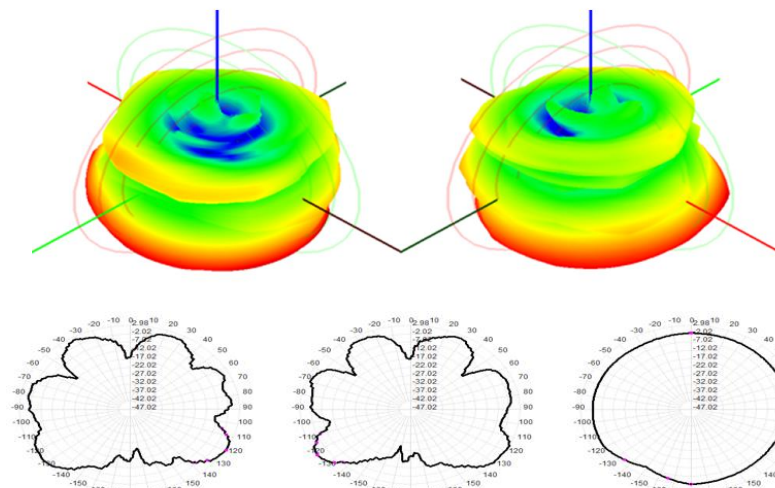


## 5. Gain and Efficiency:

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
2.01	1.93	2.98	1.56	1.23	1.45	1.32	1.87	1.67	2.01	2.12	1.98	1.78	2.08	2.98
48.20	49.10	52.10	49.67	49.21	36.56	52.11	48.76	45.65	39.23	45.62	48.76	51.22	49.12	45.78

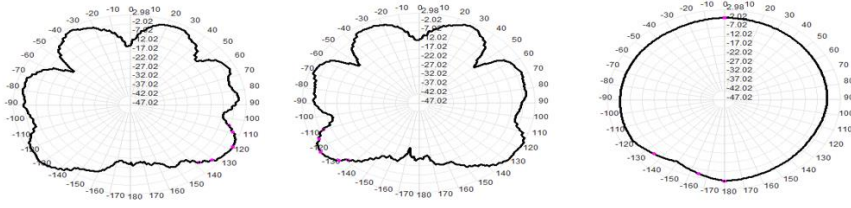
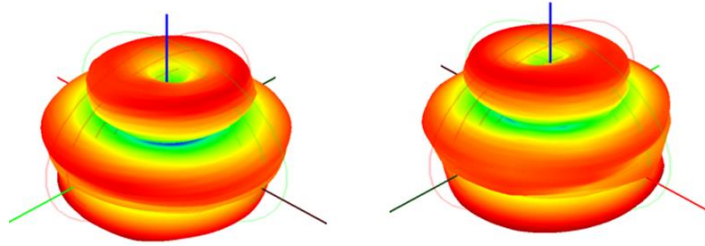
## 6. Field Pattern:

5250MHz:



unit: mm

5850MHz:



Unit: dBi