

Shenzhen Qichen Communication Equipment Co., Ltd  
Address: Shenzhen City Longgang District Henggang Town  
Anliang Anxing Road 35-5F

*APPROVAL*

**Customer** : Tesida

**DESCRIPTION:**

**PART NO.:** QC-2.4/5.8G-2DB-108MM

**CUS PART NO.:**

**D A T E:** 2023.4.20

**Signature of proof**

ENGINEERING DEPARTMENT	Q C DEPARTMENT	SALES DEPARTMENT
Liuhan	Xiongyan	Xiongfang

**Customer Signature**

ENGINEERING DEPARTMENT	Q C DEPARTMENT	PURCHASING DEPARTMENT

Electrical Specifications		Electrical Specifications	
Frequency range	2485MHZ-5180MHZ-5850MHZ	Frequency Range	2485MHZ-5180MHZ-5850MHZ
VSWR	≤1.92	VSWR	≤1.92
antenna gain	2.0	antenna gain	2.0
Input Impedance	50 Ω	Input Impedance	50 Ω
Maximum Input Power	50W	Maximum Input Power	50W
Mechanical Specifications		Mechanical Specifications	
Antenna Color	BLACK	Antenna Color	BLACK
Input connector	SMA	Input connector	SMA
Cable length	108mm	Cable length	108mm
Working Temperature	-40°C~+85°C	Working Temperature	-40°C~+85°C
Working Humidity	20~80%	Working Humidity	20~80%

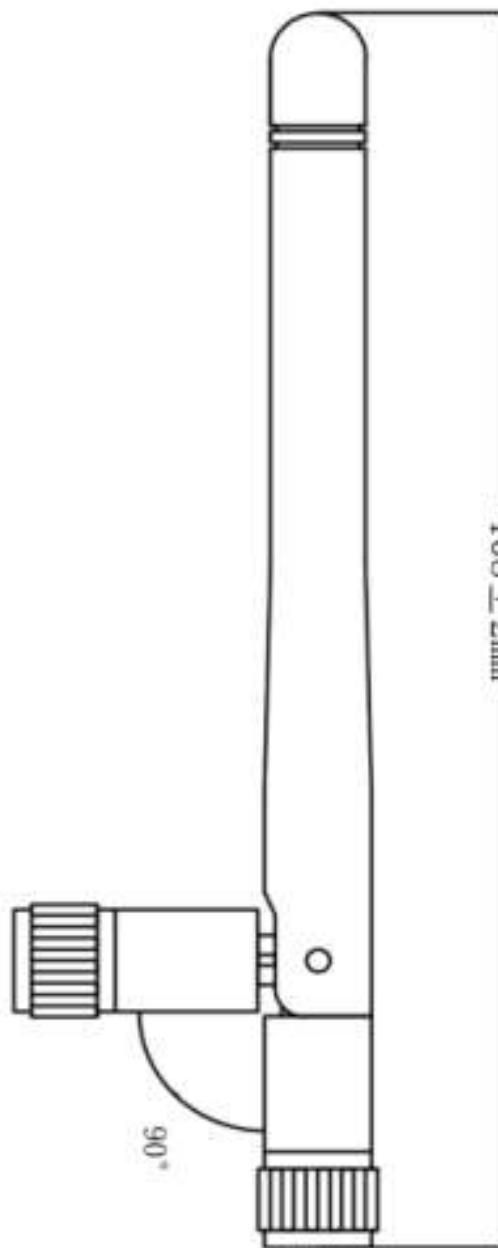
### Environmental Performance Test:

Project	Test conditions	Specification
Storage environment	Test temperature, humidity, and air pressure without specifying: 1. The temperature is -30 ° C + 80 ° C 2. Relative humidity is 45% -85% 3.5%. The pressure is 86 KPA-106 kpa	Electrical/mechanical properties
High/low temperature test	Five cycles were performed between 70 ° C and 40 ° C, and then the appearance quality was checked under normal conditions for 1-2 H.	Electrical/mechanical properties
Resistance to constant experir	The relative humidity was 95 ± 3% and the test temperature was 40 ° C. The electrical properties of the samples were determined within 5 minutes after the samples were taken out, and the appearance quality of the samples was examined after 1-2 hours under normal conditions	Electrical/mechanical properties
Vibration experiment	Vibration frequency range 10-55HZ, displacement amplitude: 0.35 mm, acceleration amplitude: 50.0 m/s, frequency sweep cycle number	Electrical/mechanical properties
Drop test	1m high in accordance with the vertical axis of each other free fall 3 times	Electrical/mechanical properties

RoHS  
Compliant

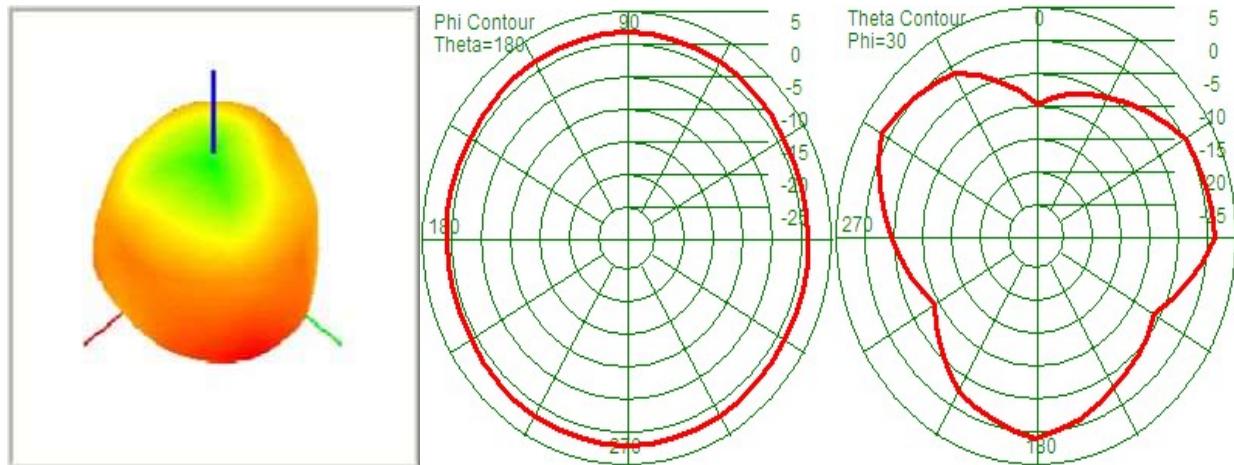
REV	DATE	DESCRIPTION	NAME
A.1			
A.2			

108 ± 2mm



操作频率 Frequency Range	2.4G-5.8G
输入阻抗 Impedance	50Ω/1M
驻波比 VSWR	<1.5
增益 Gain	30dBi
极化 Polarization	垂直
辐射模式 Radiation	全向

2.4G:



5G:

