

Specification

CUSTOMER: Rui jie Network Co., Ltd

CUSTOMER P/N:

DESCRIPTION:

JL P/N: C168-JL-6358

PART NO: NDS-5.8G Antenna

Revision: V1.1

Internal signature:

APPROVED BY	APPROVED BY	WRITED BY
Frank	Wensen	Sean
2023. 06. 30	2023. 06. 30	2023. 06. 30

Customer signature:

TESTED BY	APPROVED BY	APPROVED BY

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Version Description

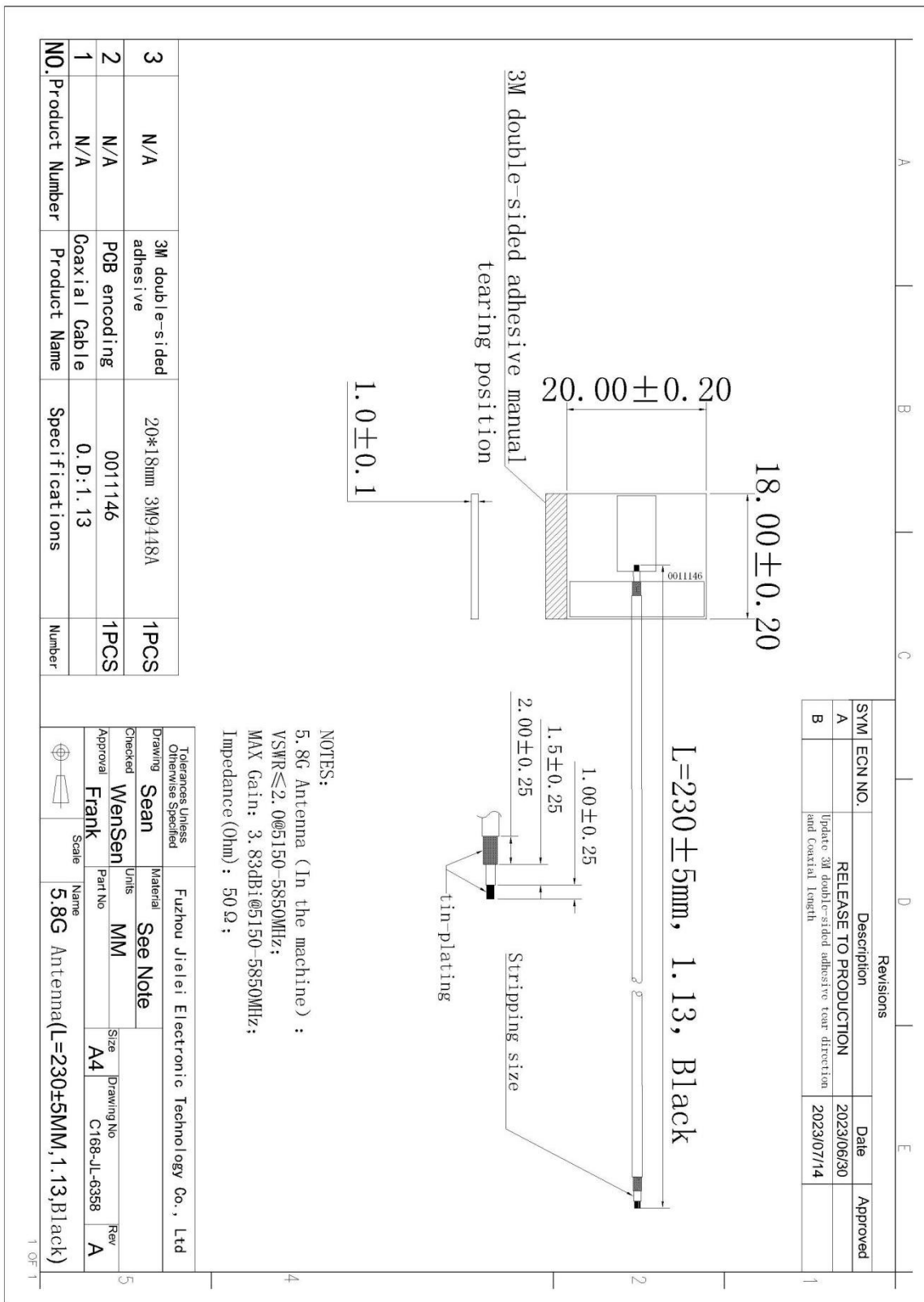
Data	Approve	version	describe
2023-07-14		V1.1	Update 3M double-sided adhesive tear direction and Coaxial length
2023-06-30		V1.0	first edition

2. Environmental Performance Test

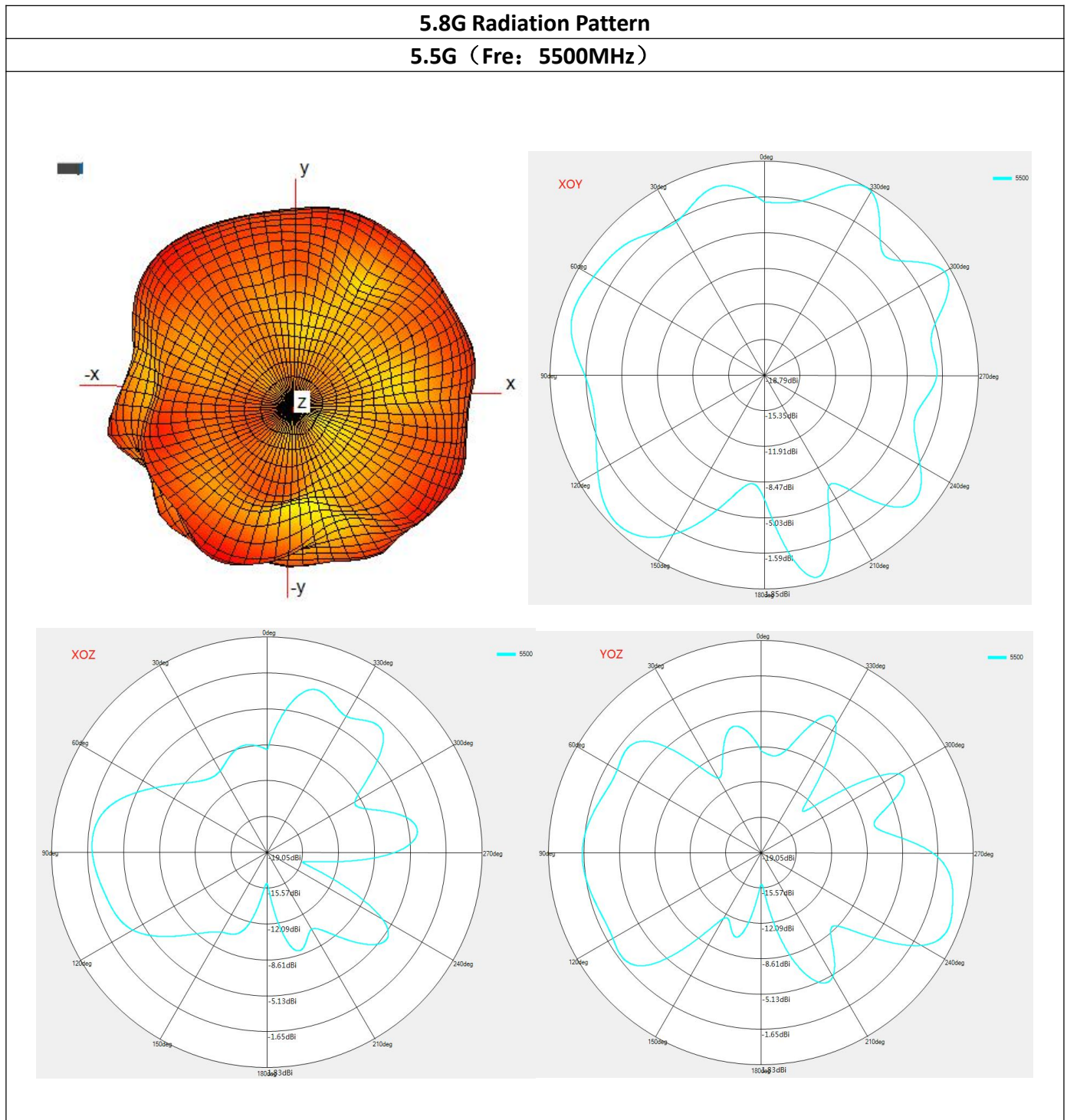
NO	项目 Item	测试条件 Test Condition	规格要求 Requirement	结论
1	Appearance	Visual by eye Light: >1.0 Lamp: 200~300Lx Space: 0.3~0.6m	1、 Plastic part: smooth and flat surface without discolor, broken, crack distortion defects is acceptable 2、 Metal part: No obvious mechanical damage and other defects on the surface 3、 PCB (or FPCB) : The surface is free of dirt, damage, oxidation, no obvious mechanical damage and other defects, screen printing clear. 4、 Wire: clearing surface without discolor, broken defects.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA
2	Terminal Retention Force	Apply axial pull out force at the speed rate of not more 25mm/min on the pin assembled in the housing.	12N MIN	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> NA
3	Solder Retention Force	Apply axial pull out force at the speed rate of not more 25mm/min on the pin assembled in the housing.	15N MIN	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA
4	Salt spray test	Refer to GB-T2423.17, NaCl solution with 5% concentration, PH 6.5-7.2, temperature 35 °C, test time 24 hours.	After drying at room temperature, check appearance, the sample surface no obvious corrosion and other abnormal phenomena or according to the drawing specifications.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA
5	High temperature test	Refer to GB-T2423.2, the temperature is 70 °C and the time is 28 hours.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA
6	Low temperature test	Refer to GB-T2423.1, the temperature is -40 °C for 28 hours.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA

7	High temperature and high humidity test	Refer to GB-T2423.3 specification, temperature 70℃, humidity 95% , time 48H.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA
8	Temperature shock test	Refer to GB-T2423.3 specification, temperature-30 ℃, 1 hour, temperature 75℃, 1 hour, total 22 cycles.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA
9	Drop test	One corner, three edges, six sides, free fall at an altitude of 1M.	Electrical and mechanical properties are normal.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA
10	Simulate transportation vibration	Testing according to ISTA standards	Electrical and mechanical properties are normal.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA

3. Mechanical Dimension Drawing



4.Sample Test Report



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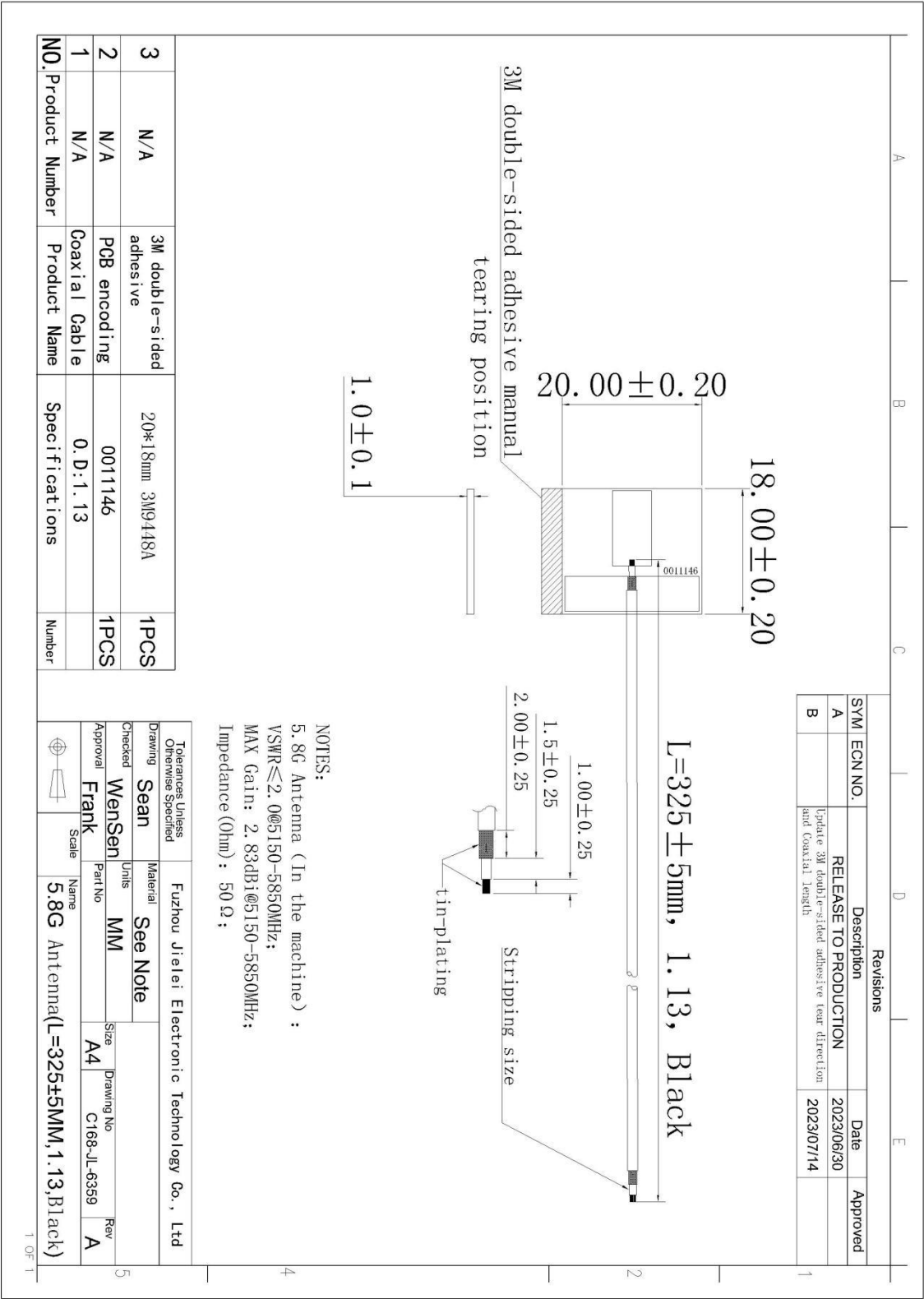
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3. Mechanical Dimension Drawing



4.Sample Test Report

5.8G Radiation Pattern

5.5G (Fre: 5500MHz)

