

APPROVAL SHEET

Customer Name SHENZHEN XIAOMI LLET COMMUNICATION Co.,LTD

Product Model NR09

Customer P/N

Specifications PCB antenna, NFC, 1.37 gray RFcable L=155mm

Southstar P/N 3. N101. 1660

Production date 2024. 10. 30

Revision V1.0

Southstar		
FICTION	DQE	R&D
Customer		
PUR	QC	R&D

Manufacturers: DONGGUAN SOUTH STAR TECHNOLOGY CO.,LTD

Production address: 3, Chigang Nanfang 1st Road, Humen Town, Dongguan City,
Guangdong Province

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Http: //www.southstar-tech.com

History

Version	Date	Change Description	Note
V1.0	2024.10.30	Initial version	

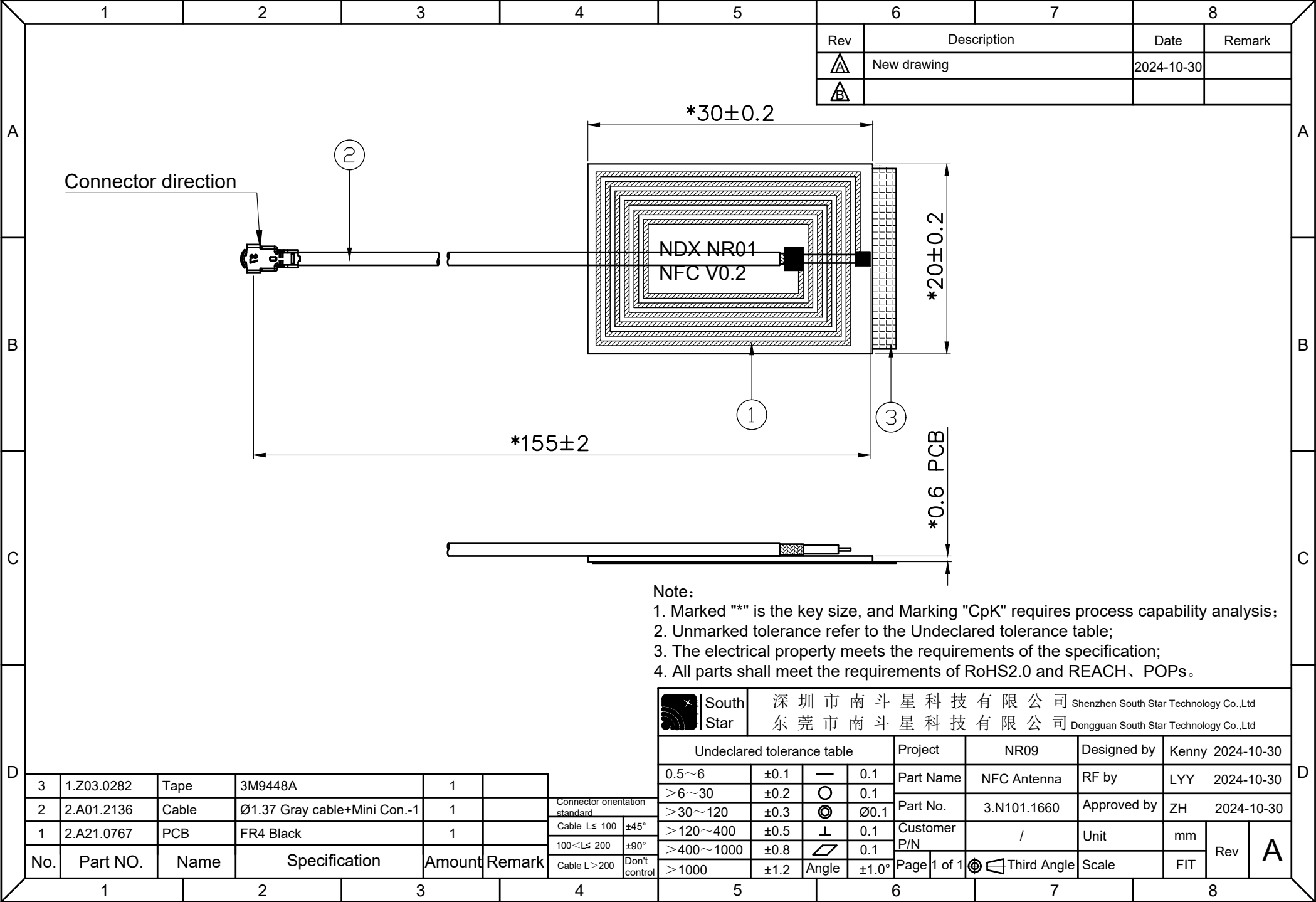
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The basic parameters:

A. Electrical Characteristics	
Frequency	13.56MHz
VSWR	/
Efficiency	/
Impedance	50 Ohm
Polarization	Linear
Peak Gain	/
Note:	
B. Material & Mechanical Characteristics	
Material of Radiator	PCB
Cable Type	Ø1.37mm gray
Connector Type	IPEX
C. Environmental	
Operation Temperature	-40°C ~ +70°C
Storage Temperature	-40°C ~ +70°C





Test Equipment & Conditions:

1. NetWork Analyzers:

Keysight E5071C

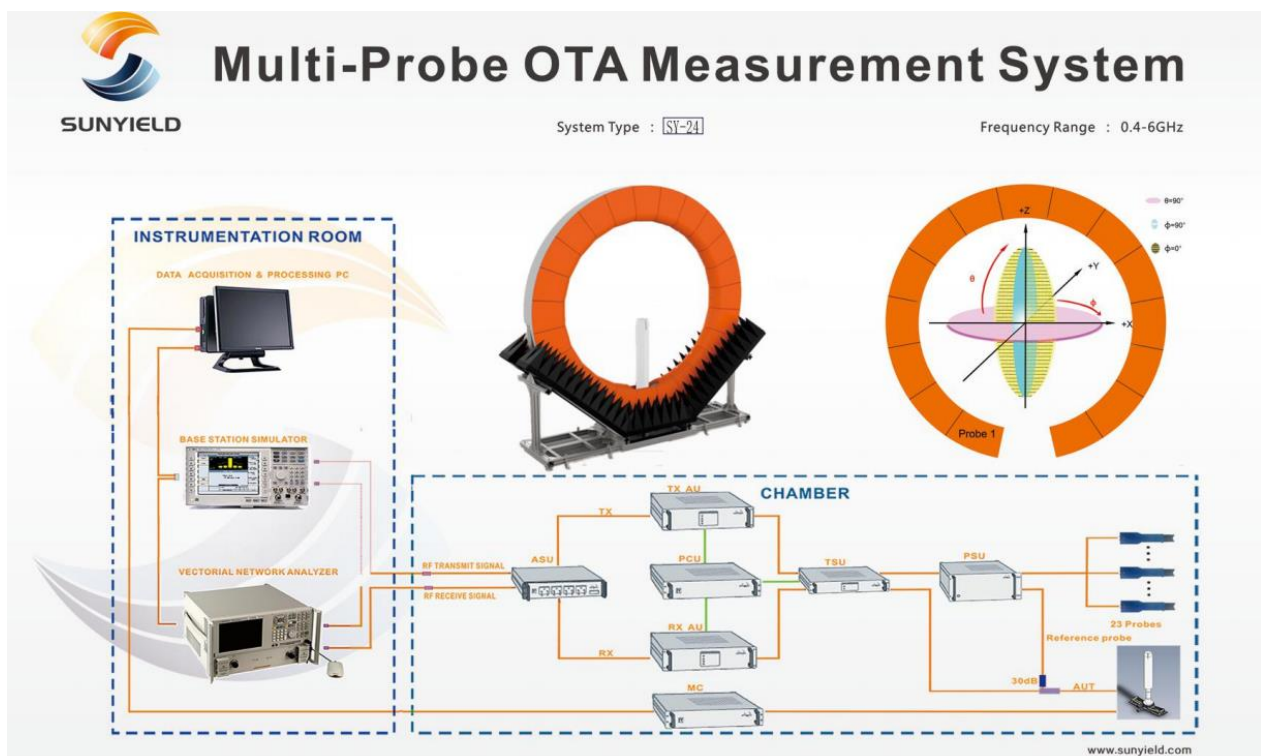
2. Comprehensive tester:

CMW500 、 MT8000A、 MT8862A

3. 3D Chamber Test System

4. Calibration time

2024. 03. 26~2025. 03. 25





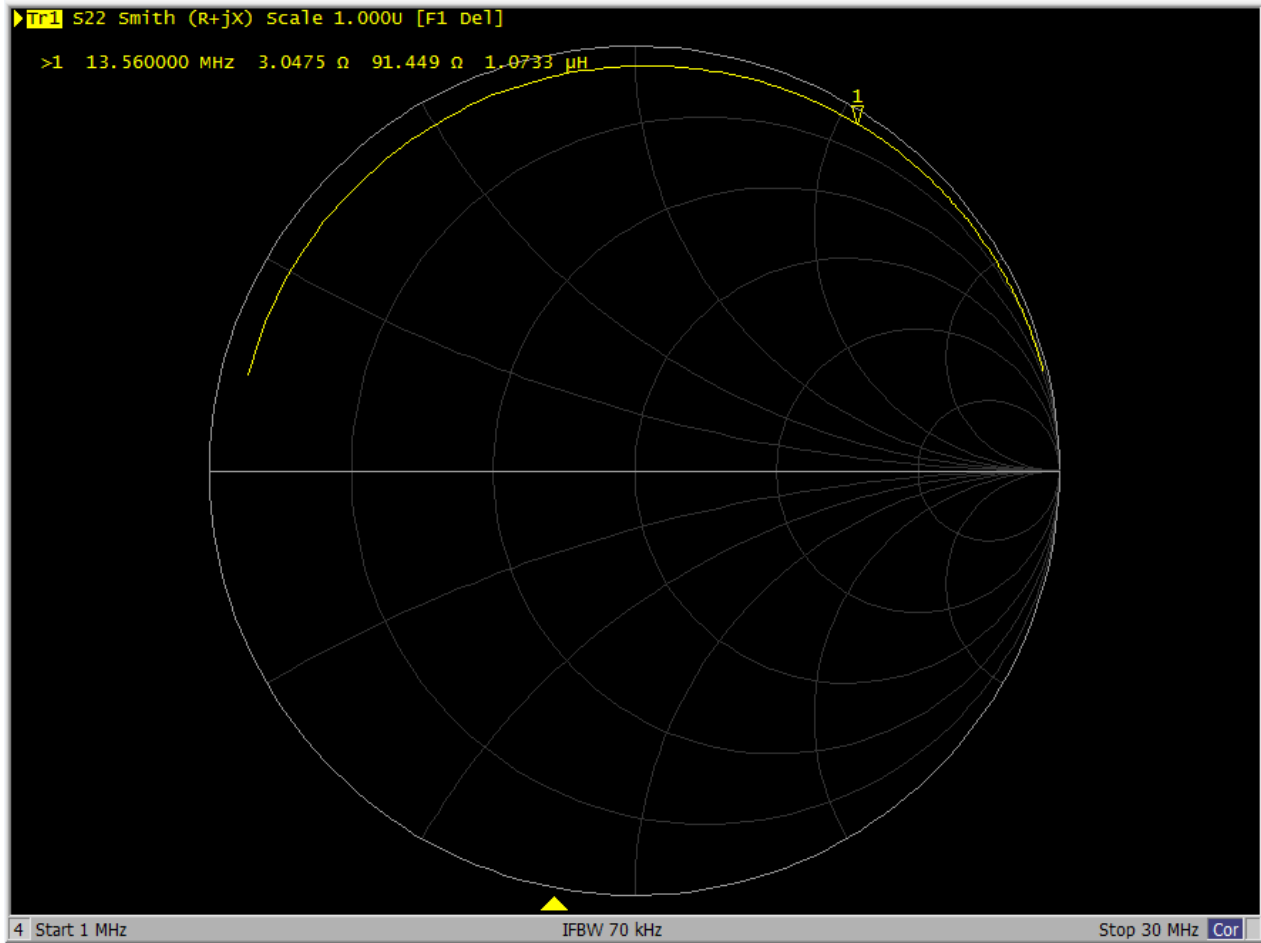
Antenna Impedance: S11

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

► Tr1 S22 Smith (R+jX) Scale 1.000U [F1 Del]

>1 13.560000 MHz 3.0475 Ω 91.449 Ω 1.0733 μH





**South
star**

SHENZHEN SOUTH STAR TECHNOLOGY CO.,LTD

Antenna assembly picture:



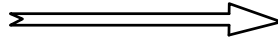


Date: 2024-10-30

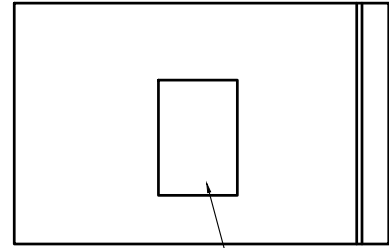
page: 1 of 1

Name : NR09 Antenna	Version: A
	Customer:

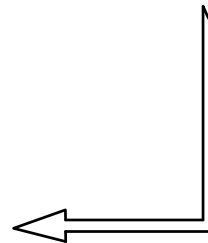
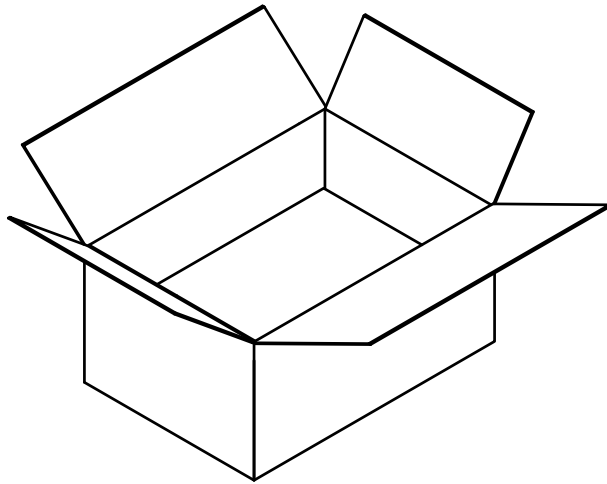
1. The Product



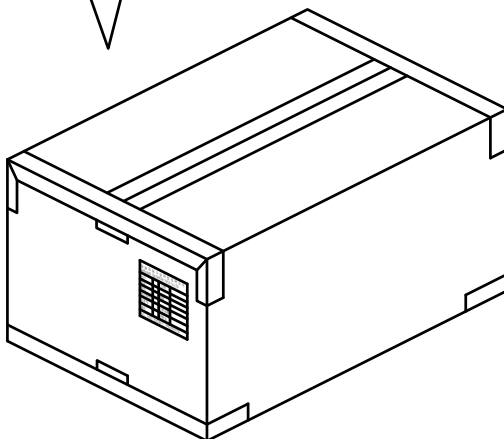
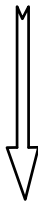
2. 100PCS/per Bag



Label



3. Packing (subject to actual packing) .



DESIGNED By: Kenny

APPROVED By: ZH