

样品承认书

Parts Approval Sheet

Supplier: _____

Type/Spec: **TMK007-01**

Brand: **NQI**

Send out Date: **2023/12/11**

Approve Date: _____

NQI Parts No: **NQI-W3PRO-BF274X-ASM-V0**

Quantity: _____

Document No: **NQI-RD-SPEC-20231209**

Version: **V0**

Parts Name: **NFCAntenna**

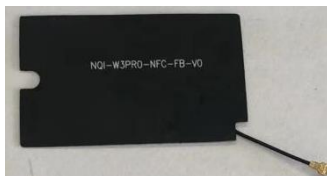
Supplier		Customer	
Approved By	Prepared By	Engineering Dept	Quality Dept

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一. Samples and instructions:



二. Whole machine image:

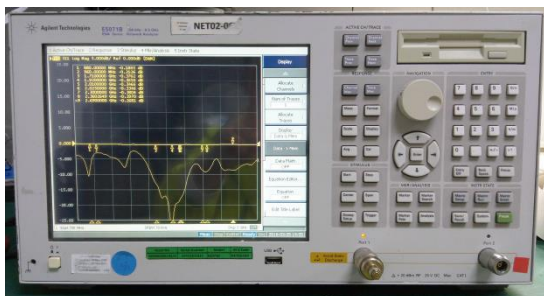
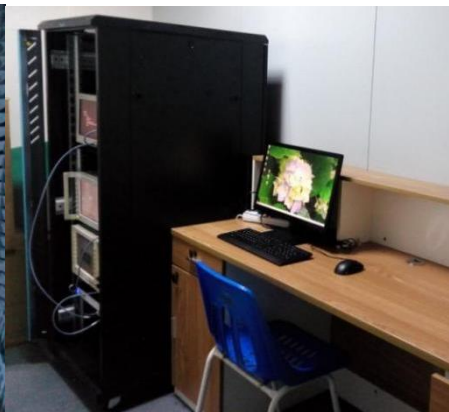
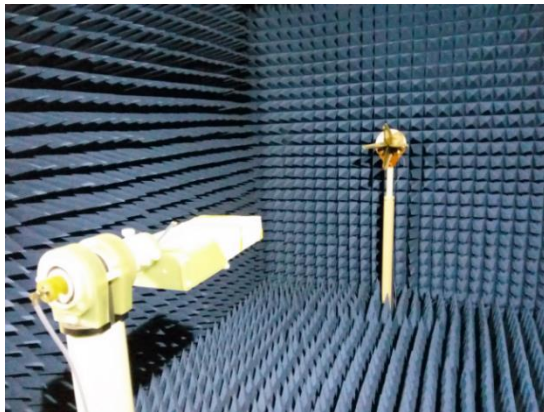


三. Testing equipment and projects:

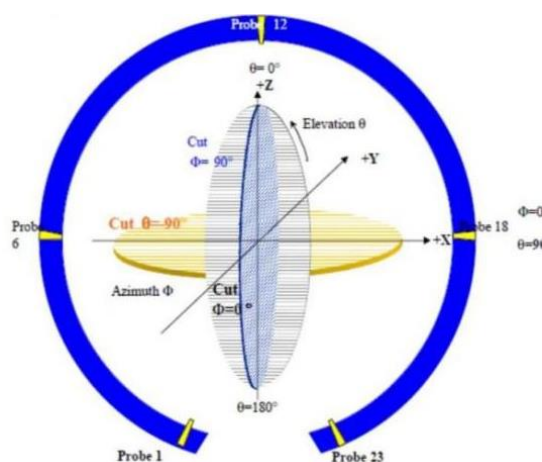
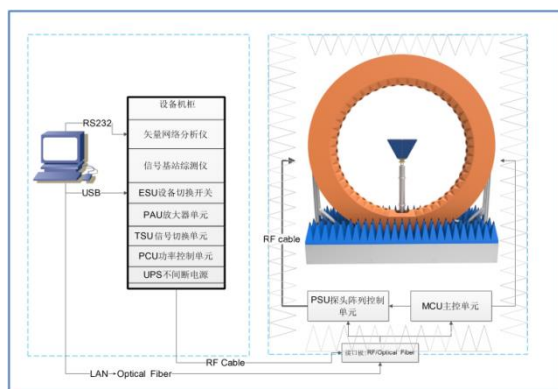
Class	Test item	Equipment
1. Sparameter	1. RL 2. VSWR 3. Smith chart	VNA: Agilent E5071B R&S ZVB8 Protek A333
2. Coupling testing	1. MAX Power 2. MIN Sens	1. 2G/3G Tester: Agilent 8960 2. The coupling box: TESCOM TC-5060A 3. 3D Chamber: ETS3D Chamber (5x3x3)
3. 3D Passive Test	1. Efficiency 2. Gain 3. radiation pattern	1. 3D Chamber: TEM24 3D Chamber (5x5x5) ETS3D Chamber (5x3x3) 2. VNA: Agilent E5071B R&S ZVB8



3DActive Test	1. 3D TRP 2. 3D TIS 3.Throughput rate	1. 3D Chamber: TEM24 3D Chamber (5x5x5) ETS3D Chamber (5x3x3) 2.2G/3G Tester: Agilent 8960 3.4G Tester: MT8820C/CMW500 4.WIFI/BT/NB-iot Tester: CMW500 5.5G Tester: SP9500-CTS 6.Head: HEAD-P10 (FACE-P10)
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四. Chamber connection and coordinates:



五. Antenna assembly method and environmental treatment:

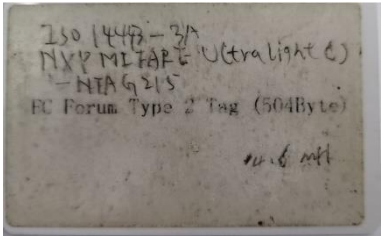




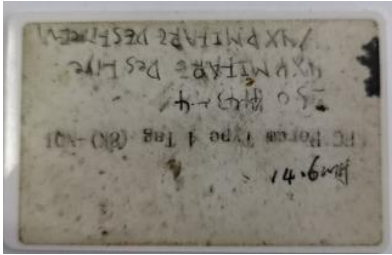
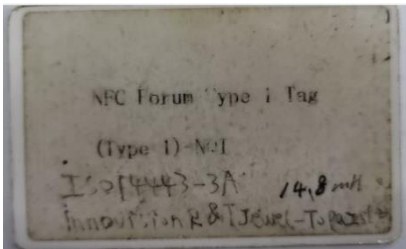
六. Card Mode Test:



7.1 Reading mode card reading distance

Card number	Distance	Card number	Distance
	16mm		36mm
	20mm		8mm
	35mm		38mm

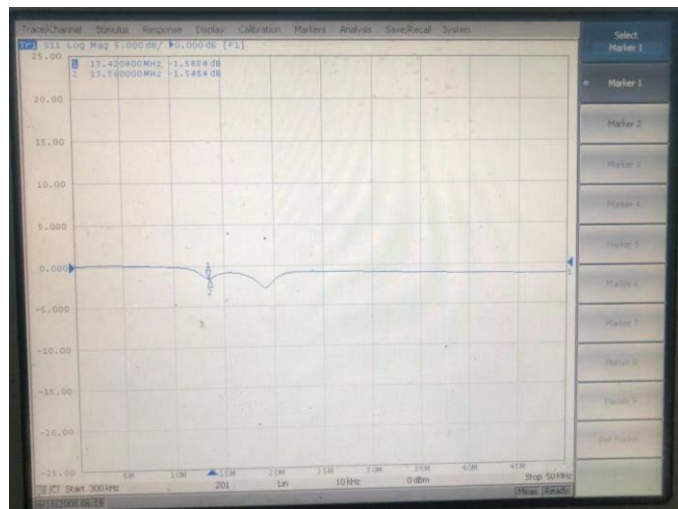


	27mm		45mm
	35mm		65mm
ID card	16mm		

7.2 Card Mode Swipe Distance

card reader	Distance	Standard card swiping distance
	105mm	105mm±15mm

7.3 NFC Antenna induction frequency





八. Antenna structure drawing:

