

# PRODUCT SPECIFICATION

Model	Description
<b>AIR-Y13A_NFC</b>	IEEE802.15.4

APPROVAL	REMARK	APPENDIX	DESIGNED	CHECKED	APPROVED
			2025.05.14	2025.05.14	2025.05.14
			K.S.LEE	K.S.AN	I.U.KIM
	XX				

SPECIFICATION			
MODEL	AIR-Y13A_NFC	REV. No.	Rev 1.0
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## Revision History

## ANTENNA SPECIFICATION

1. Model : AIR-Y13A\_NFC
2. Application : Operating frequency of 13.56 MHz (Receiving Only)
3. Hardware specification and mechanical

MECHANICAL	SPECIFICATIONS	REMARK
Dimension	14.5mm x 22.4mm	#2. Attached

5. Company information

**ATEC IoT Co.,Ltd.**

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6. OPERATING TEMPERATURE

Temperature : - 20°C / + 60°C

Demands : Set Antenna for 48 hours each temperature.

No visual and mechanical changes.

Unchanged mechanically during the test.

The antenna shall satisfy the electrical data

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## 7. HUMIDITY Condition

Condition : 80% / +30°C ~ +50 °C

Measuring method

Antenna is placed in climatic chamber for 48 hours.

Antenna is taken out from the chamber and measured  
after another 24 hours in room temperature

Demands : No visual and mechanical changes.

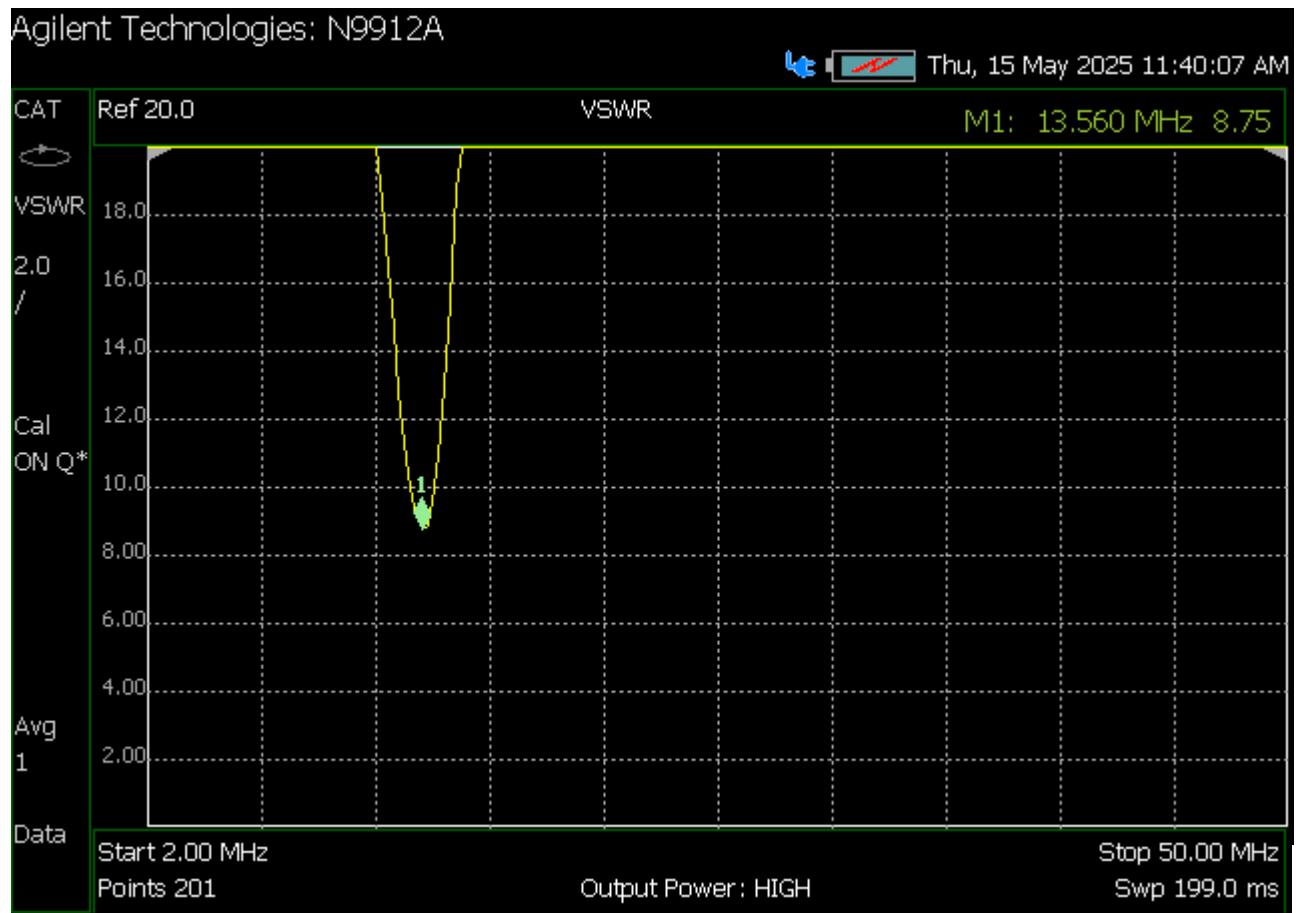
Unchanged mechanically during the test.

The antenna shall satisfy the electrical data.

## 8. TEST and Q/C

This specification is according to fixed demands and suitable *ATEC IoT* Q/C provision.

#1. Attached: VSWR



#2. Attached: Drawing paper

