

ATEC IoT CO., LTD.

Add: 289, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

March 12, 2024

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

In re : ATEC IoT CO., LTD.

FCC Application for FCC ID : 2AZKWAIR-R15A

To whom it may concern:

We hereby certify that the Supplier's conformity declaration procedure will be applied to the NFC receiving antenna of this composite document.

Sincerely,

A handwritten signature in black ink, appearing to be 'Inuk Kim', written on a light gray rectangular background.

Inuk Kim / Manager
ATEC IoT CO., LTD.

PRODUCT SPECIFICATION

Model	Description
AIR-R15A_NFC	IEEE802.15.4

APPROVAL	REMARK	APPENDIX	DESIGNED	CHECKED	APPROVED
			2023.11.01	2023.11.01	2023.11.01
			K.S.AN	J.B.KIM	I.U.KIM

ANTENNA SPECIFICATION

- 1. Model : AIR-R15A_NFC
- 2. Application : Operating frequency of 13.56 MHz (Receiving Only)
- 3. Hardware specification and mechanical

MECHANICAL	SPECIFICATIONS	REMARK
Dimension	18.7mm x 9.8mm	#2. Attached

- 5. Company information

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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

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.

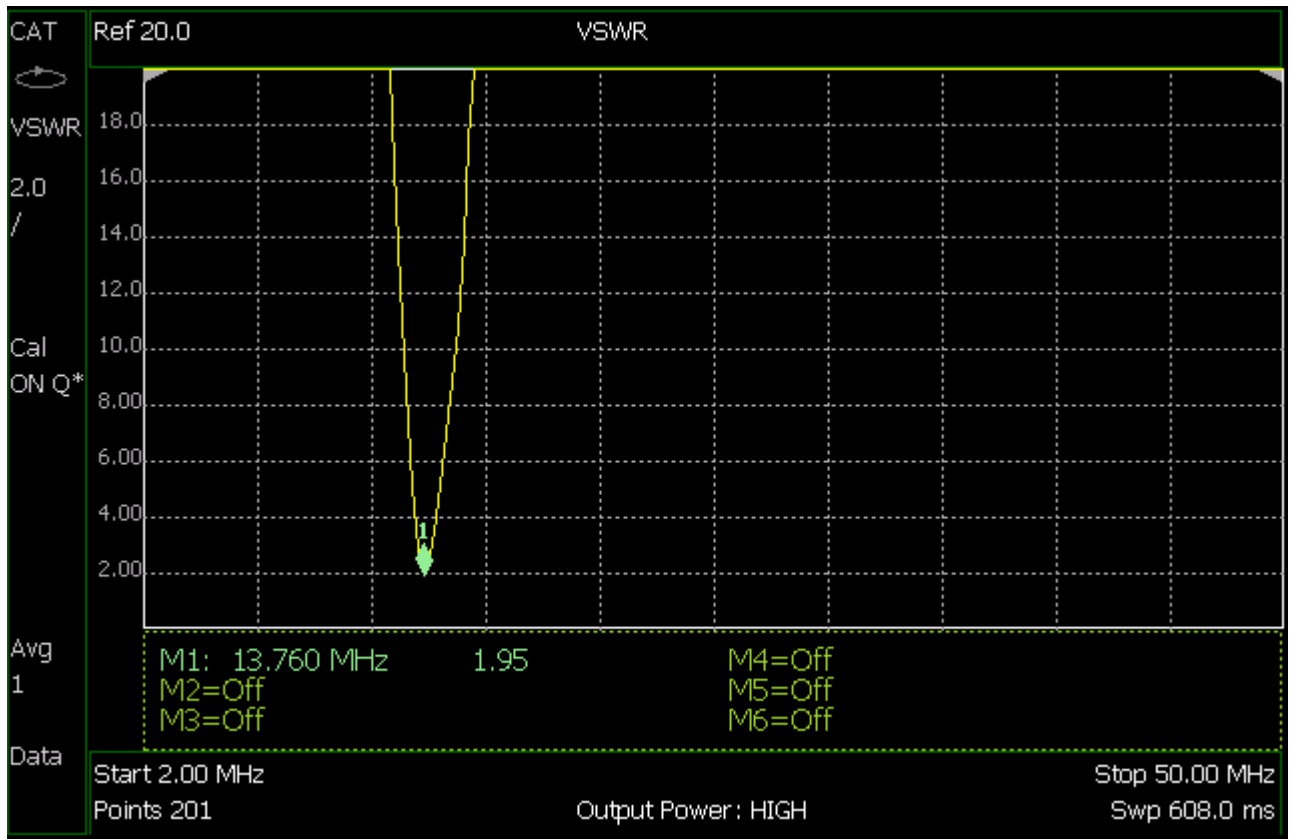
Unchanged mechanically during the test.

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

