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,

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

ATEC IoT
에이텍아이오티

SPECIFICATION			
MODEL	AIR-R15A_NFC	REV. No.	Rev 1.0
REG. DATE	2023.11.01	PAGE	5
REV. DATE	-	-	-

Revision History

Revision	Date	Contents of Revision Change	Remark
1.0	’23.11.01	First release	

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

ATEC IoT Co.,Ltd.

289, Pangyo-ro, Bundan-gu, Seongnam-si,Gyeonggi, Republic of Korea

TEL : +82-31-696-9815

PAX : +82-31-696-9899

6. OPERATING TEMPERATURE

Temperature : - 20℃ / + 60℃

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℃ ~ +50 ℃

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.

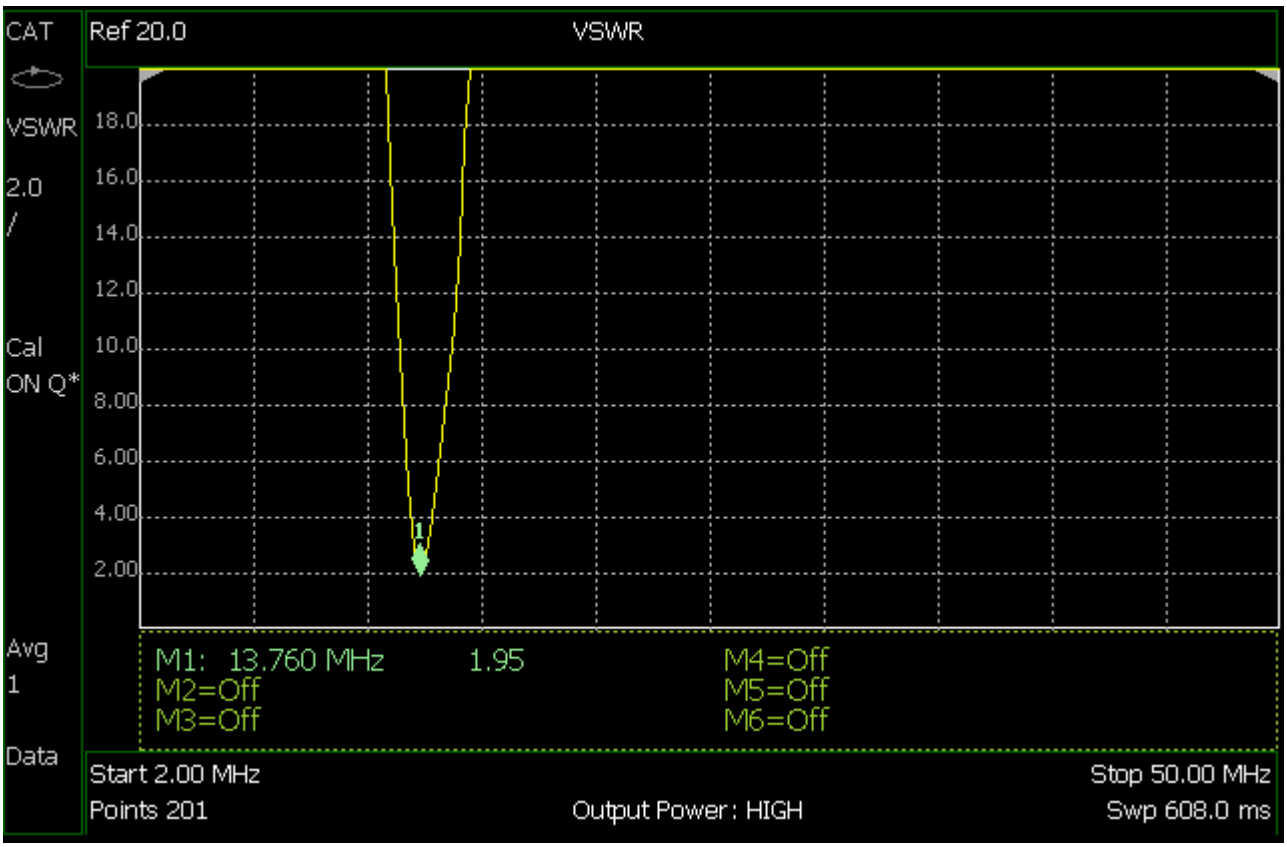
Unchanged mechanically during the test.

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