

PRODUCT SPECIFICATION

Model	Description
AIR-R21A_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

SPECIFICATION

MODEL	AIR-R21A_NFC	REV. No.	Rev 1.0
REG. DATE	2023.11.01	PAGE	5
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Revision History

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

ANTENNA SPECIFICATION

- 1. Model : AIR-R21A_NFC

- 2. Application : Operating frequency of 13.56 MHz (Receiving Only)

- 3. Hardware specification and mechanical

MECHANICAL	SPECIFICATIONS	REMARK
Dimension	21.3mm x 9.9mm	#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°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.

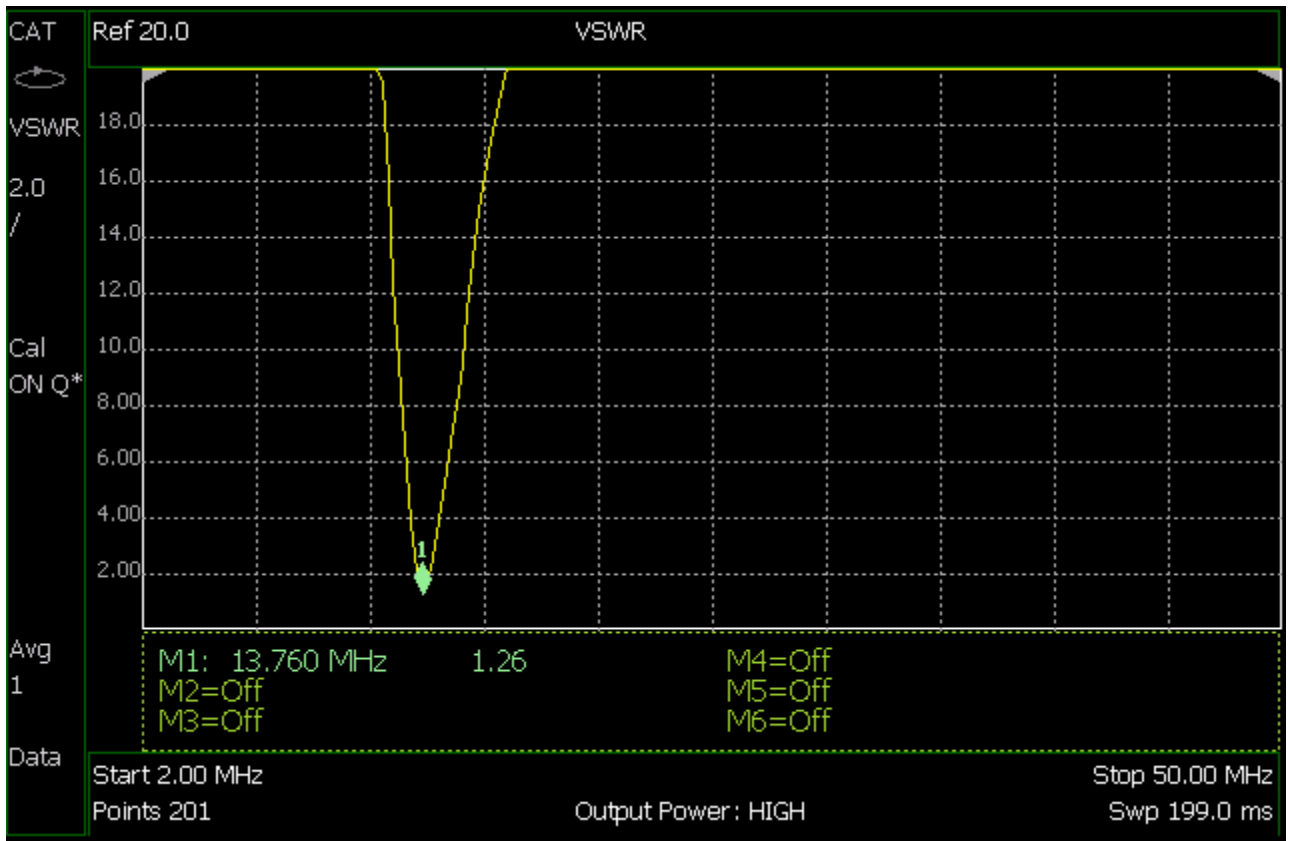
Unchanged mechanically during the test.

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

