

PRODUCT SPECIFICATION

Model	Description
AIR-R75A_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-R75A_NFC
2. Application : Operating frequency of 13.56 MHz (Receiving Only)
3. Hardware specification and mechanical

MECHANICAL	SPECIFICATIONS	REMARK
Dimension	28mm x 24.65mm	#2. Attached

5. Company information

<p style="text-align: center;">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</p>

6. OPERATING TEMPERATURE

<p>Temperature : - 20°C / + 60°C</p> <p>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</p>
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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.

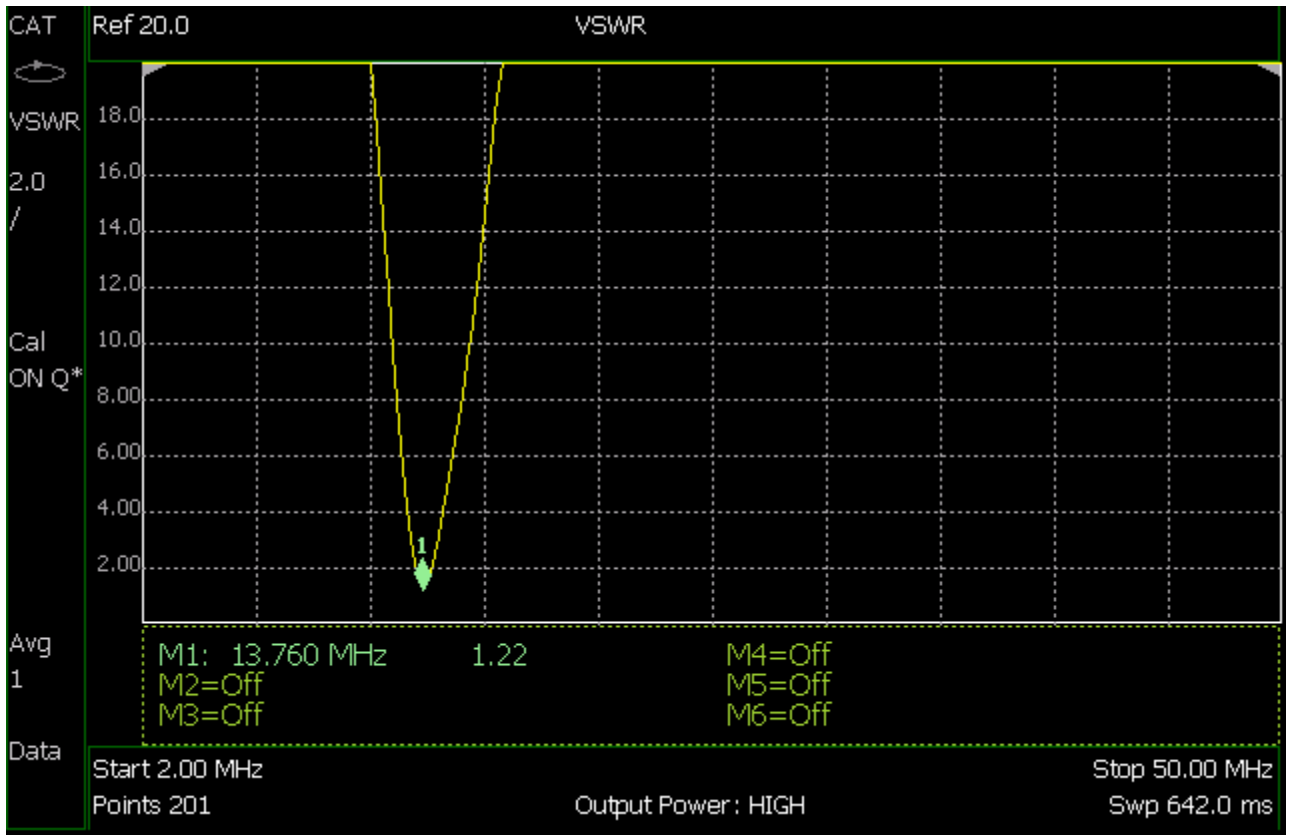
Unchanged mechanically during the test.

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

