

# Tico1.2\_ Airoha

## Antenna Spec & RF Spec

*MERRY Sounds Excellent*

*Presented by : Merry RF*

*Date : 2022.11.15*

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- RF antenna spec

# RF antenna spec(A00178)

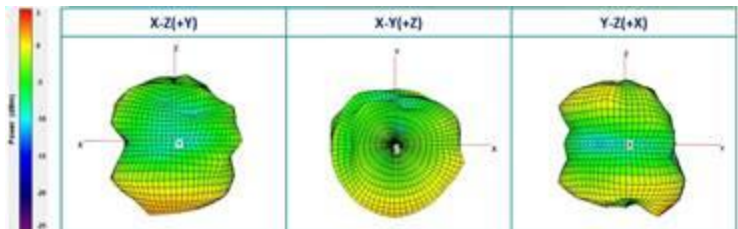
## A00178 **Headset** Antenna for Bluetooth /2.4GHz

- 1) Antenna Material : Metal  
(Antenna Type : Loop Antenna)
- 2) Operating Frequency : 2.4GHz-2.5GHz
- 3) Input Impedance : 50Ω
- 4) Standing-Wave Ratio : 2:1
- 5) Antenna Gain : 2.5 dBi
- 6) Polarization Type : Linear polarization
- 7) Connect Type : Welding

# RF antenna spec(A00178)

**A00178 Headset** Antenna for Bluetooth /2.4GHz

8 ) Antenna pattern (2D or 3D):



9 ) table of calibrated :E5071C ENA Vector Network Analyzer – Keysight

Calibration Date: 2022/02/14

10 ) Names of test personnel : Oscar Chu

11 ) Test date:2022/9/7

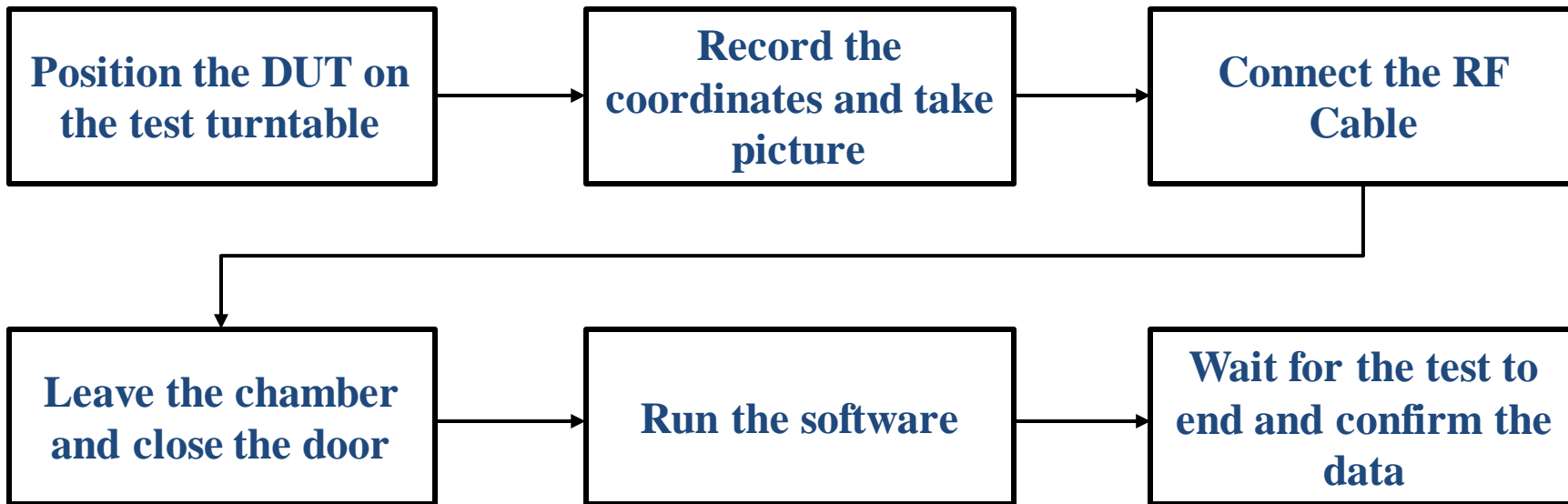
# RF antenna spec(A00178)

**A00178 Headset Antenna for Bluetooth /2.4GHz**  
**12) names of commercial test software being used :**  
**ETS-Lindgren EM Quest**

# RF antenna spec(A00178)

## A00178 **Headset** Antenna for 2.4GHz

### 13 ) description of how measurements are made:



# ***Thank You***

Delivering Fidelity Sound to Enrich Human's Life

