



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Product Specifications Approval Sheet

Product Description: External WIFI Desk Antenna 2450MHz BW 100MHz Size196mm
TST Parts No.: TQ0107AA0000

Customer Parts No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Nina Chen *Nina Chen*

Approved by: _____ Kazuma Lee *Kazuma Lee*

Date: _____ 2022/12/09

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



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External WIFI Desk Antenna 2450MHz BW 100MHz Size 196mm

MODEL NO.: TQ0107AA0000

REV. NO.:1.0

A. Maximum Rating:

1. Operating Temperature: -20°C to +70°C
2. Storage Temperature: -20°C to +80°C
3. Moisture Sensitivity Level: Level 1 (MSL 1)

RoHS Compliant
Lead free
Lead-free soldering

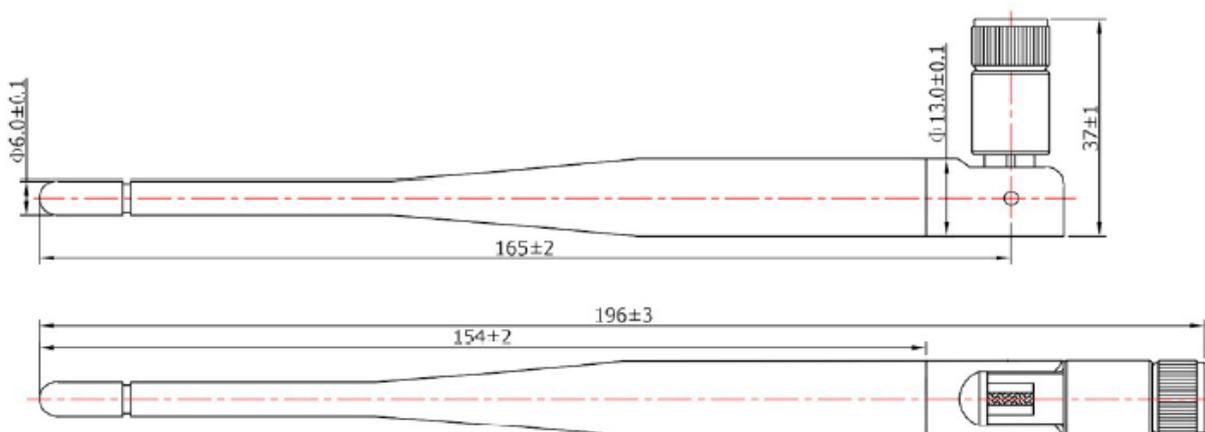
Electrostatic Sensitive Device (ESD)

B. Electrical Characteristics:

Item	Spec
Working Frequency	2400~2500 MHz
VSWR	1.9 max
Radiation	Omni-Directional
Peak Gain	5 dBi
Polarization	Linear
Connector Type	SMA(M)
Body Material	TPEE/RG178
Color	Black

C. Dimension:

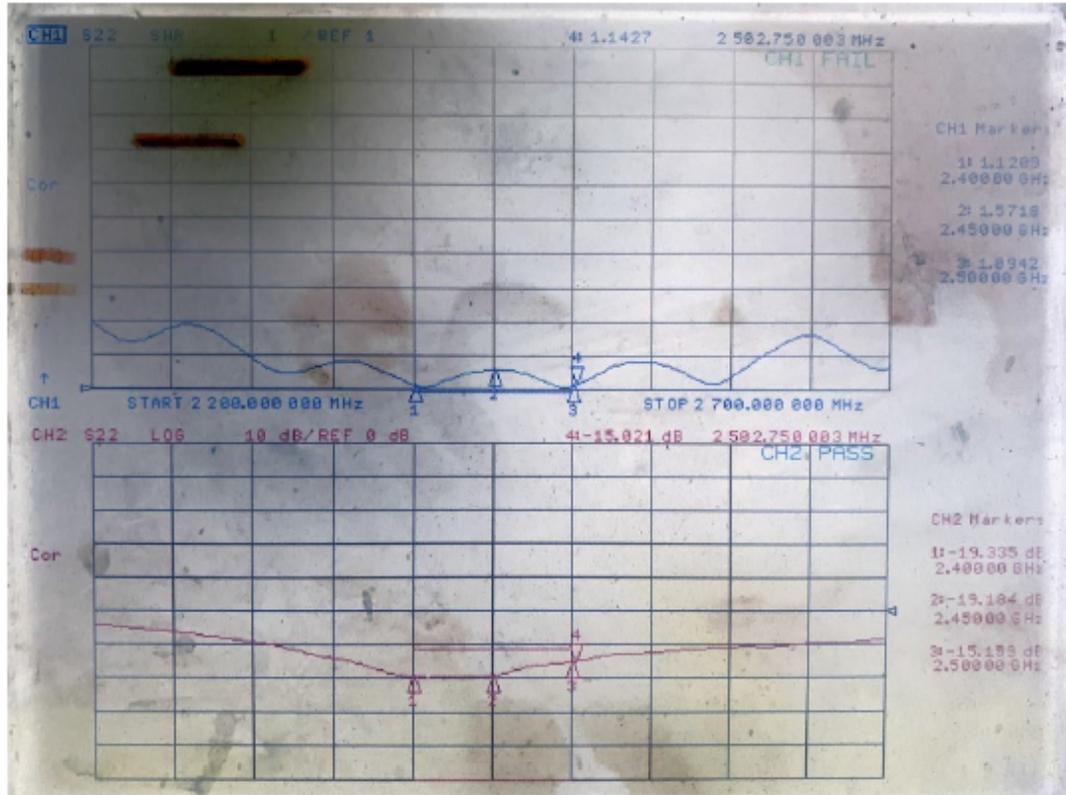
Antenna drawing (Unit: mm):



20pcs/bag, 400pcs/carton

D. Frequency Characteristics:

S11 Response curve



Efficiency & Peak Gain:

Frequency (MHz)	2400	2450	2500
Efficiency (%)	80.00	82.02	77.84
Average Gain(dB)	3.98	4.48	4.05
Peak Gain (dBi)	-0.97	-0.86	-1.09

