

TDFM-9100 TRANSCEIVER

P/N 121270-x

ACCEPTANCE TEST DATA SHEET

DOCUMENT No. 146607
REVISION: D
DATE OF ISSUE: 10 Oct. 2021

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|--|--|--------|--------------------------|---------------|--|
| TESTED IN ACCORDANCE WITH DOCUMENT NUMBER: 146606 Rev. ____ | | ACCEPT | <input type="checkbox"/> | SERIAL NUMBER | |
| | | REJECT | <input type="checkbox"/> | | |
| TEST TECHNICIAN: | | | | DATE: | |
| QUALITY CONTROL: | | | | DATE: | |



Technisonic Industries **Limited**

240 Traders Boulevard, Mississauga, Ontario L4Z 1W7
Tel: (905) 890-2113 Fax: (905) 890-5338
www.til.ca

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TDFM-9100 TEST DATA SHEET

Power Up Tests:

| | | |
|-------------------------------------|--|----|
| Software version: | | |
| Model number displayed at start up: | | |
| Current draw during normal display: | | mA |

| | RF Module 1 Tests | RF Module 2 Tests | |
|-----------------------------------|-------------------|-------------------|---------|
| Maximum audio level: | | | Vrms |
| Audio distortion at volume 16: | | | % |
| RX SINAD at -116 dbm: | | | dB |
| Squelch LED lights with signal: | | | (Y/N) |
| Channel selector works: | | | (Y/N) |
| Dimmer control works: | | | (Y/N) |
| Soft keys and home key works: | | | (Y/N) |
| TX LED lights up during transmit: | | | (Y/N) |
| Transmit frequency: | | | MHz |
| DTMF / number keys work: | | | (Y/N) |
| Normal deviation: | | | +/- kHz |
| Maximum deviation: | | | +/- kHz |
| Transmit distortion: | | | % |
| Transmit power: (LO) | | | Watts |
| Transmit power: (HI) | | | Watts |

MCP Mod 14 Checks:

| | | |
|----------------------------|--|-------|
| B4/B5 External PTT Works: | | (Y/N) |
| B4 RX Audio Works: | | (Y/N) |
| B5 RX Audio Works: | | (Y/N) |
| B4 RX Led Works: | | (Y/N) |
| B5 RX Led Works: | | (Y/N) |
| B4 Mic Audio Works: | | (Y/N) |
| B5 Mic Audio Works: | | (Y/N) |
| B4 Sidetone Audio works: | | (Y/N) |
| B5 Sidetone Audio works: | | (Y/N) |
| Remote S200 RXD/TXD works: | | (Y/N) |

Final Checks:

| | | |
|--|--|-------|
| Combined Audio port works: | | (Y/N) |
| Keyloading works: | | (Y/N) |
| FPP works: | | (Y/N) |
| Check to see if Backlight works: | | (Y/N) |
| RC-9100 data port works: | | (Y/N) |
| Radio turns off and is drawing no current: | | (Y/N) |
| Radio looks good - no scratches, etc: | | (Y/N) |
| Checked for loose hardware inside: | | (Y/N) |