

# Rapport de Test - Carte 2603019-004



## Informations Générales

- **Board Serial Number:** 2603019-004
- **Reference:** 6451776
- **Tester:** PETIT Vincent
- **Date of Test:** 2026-03-14
- **BOM + BOM Revision:** Not communicated
- **Procedure Reference + Revision:** SCRD-0520\_Rev C1 Main board\_3 wires\_NGT\_PCB6151608\_H
- **SAFTY Test FW:** Safety\_Dev11.26.00.hex
- **HMI Test FW:** HMI\_Dev\_11.00.11.hex
- **NRF Test FW:** PRG\_TELEDYNE\_FREEDOM\_V0.8.7\_241106\_initial\_flash\_-8dbm

## 1. Programmation et Vérifications

| Étape / Composant | Statut attendu | Résultat final |
|-------------------|----------------|----------------|
| HMI PROG          | Validation     | PASS           |
| SAFETY PROG       | Validation     | PASS           |
| BLE PROG          | Validation     | PASS           |
| FW VERSION HMI    | Validation     | PASS           |
| FW VERSION SFT    | Validation     | PASS           |
| BLUETOOTH DETECT  | Validation     | PASS           |

## 2. Mesures Électriques

| Point de Test | Description            | Tolérance      | Mesure    | Statut |
|---------------|------------------------|----------------|-----------|--------|
| Courant Total | Consommation Vin=24.0V | 20.0 à 40.0 mA | 27.000 mA | PASS   |
| TP22          | Mesure TP22            | 4.8 à 5.2 V    | 4.980 V   | PASS   |
| TP20          | Mesure TP20            | 3.13 à 3.17 V  | 3.155 V   | PASS   |
| TP23          | Mesure TP23            | 18.5 à 19.5 V  | 18.930 V  | PASS   |
| TP28          | Mesure TP28            | 12.5 à 13.5 V  | 13.319 V  | PASS   |

|                     |                     |               |         |             |
|---------------------|---------------------|---------------|---------|-------------|
| <b>IOUT1 (4mA)</b>  | Mesure IOUT1 (4mA)  | 0.38 à 0.42 V | 0.397 V | <b>PASS</b> |
| <b>IOUT1 (20mA)</b> | Mesure IOUT1 (20mA) | 1.98 à 2.02 V | 1.986 V | <b>PASS</b> |

### 3. Contrôles Visuels

| Élément contrôlé                   | Résultat    |
|------------------------------------|-------------|
| OBSERVATION LCD                    | <b>PASS</b> |
| OBSERVATION FRONT LED (RGB)        | <b>PASS</b> |
| OBSERVATION STATUS LED & BACKLIGHT | <b>PASS</b> |
| OBSERVATION PIN2 J3 (0 to 5V)      | <b>PASS</b> |
| OBSERVATION MAGNET SENSOR          | <b>PASS</b> |