

Certificate of Calibration

Product: CAT4 GPS
Serial Number: 10/C4EN03-26336
Order Number: -

Date of Issue: 24/05/2023
Calibration Due Date: 24/05/2024

Customer:
 john@jbsales.co.uk - JB Sales Ltd, Jaques House, Unit 1 Fircroft, Edenbridge, Kent, UK, TN8 6EL

Reference Calibration

Date of Reference Calibration: 28/01/2022

Location of Calibration: Radiodetection Ltd, Western Drive, Bristol, BS14 0AF, United Kingdom
Environmental Temperature: N/A **Relative Humidity:** N/A
Test Procedure: CAT4 T2 GPS (REV6).xml **Revision:** 6.7.4

Traceability Information:

Technician ID: TimW
Equipment Used at Reference Calibration:

Model Number	Model Description	Serial Number	Last Cal Date	Cal Due Date
33220A	Hewlett Packard Function Generator	MY44063516	26/08/2021	26/08/2022
34401A	Hewlett Packard Digital Multimeter	MY41022044	25/08/2021	25/08/2022
QL355TP	Thurlby Thandar Power Supply	388187	16/11/2021	16/11/2022

Calibration Results:

Frequency	Measured Value	Measurement Uncertainty	High Limit	Low Limit	Pass/Fail
635.0	0.9832	0.0005	1.10	0.88	PASS
8172.0	0.9957	0.0005	1.10	0.88	PASS
22070.0	1.0082	0.0005	1.10	0.88	PASS
32758.0	1.0186	0.0005	1.10	0.88	PASS
65500.0	1.0491	0.0005	1.10	0.88	PASS
131000.0	0.9842	0.0005	1.10	0.88	PASS

1. This certifies that the above product was tested and calibrated to the company's specifications and that the purpose built equipment performing these functions has been calibrated by instruments whose calibration is traceable to national standards.
2. The calibration was performed using procedures that are subject to periodic review.
3. The Company's Quality Management System is in accordance with BS EN ISO 9001:2008 Cert Number FM12608.

eCERT Calibration

Traceability Information:

Operator Name: john@jbsales.co.uk
Operator Function: Service Technician
Operator ID: 000

Calibration Validation Results:

Frequency	Factory Top	Factory Bottom	Measured Top	Measured Bottom	Pass/Fail
High	0.05996931	0.0561518	0.06044974	0.05648872	PASS
Low	0.096454	0.09514277	0.09697332	0.09561028	PASS

Note: This certificate has been produced using the eCert remote calibration program. eCert does not perform a complete functional check of the unit and cannot check the mechanical integrity of the unit under test, or the correct operation of the mechanical controls and LCD screen. Under the eCert program, Radiodetection cannot accept responsibility for validating these areas, and the operator should thoroughly check these areas for issues or damage before use. eCAT users should also periodically check the time and date accuracy of their unit. The unit should be returned to a Radiodetection approved service centre in the case of any concern.