



Certificate of Calibration

VECTOR SR

Speed and/or Traffic Signals Enforcement Device

"I confirm that the VECTOR SR Enforcement System for Speed and/or Traffic Signals described below has been calibrated to the documented parameters as recorded below using measurement devices calibrated to National Standards in accordance with the Home Office Type Approval for the VECTOR SR device.

All parts and components used in Device Serial Number JE810100325-0468 including any replaced are identical to those used in the device as Type-Approved"

Signed by:

A handwritten signature in black ink, appearing to read "Derek Penn".

Derek Penn
Director of Operations

Calibrating Engineer:

Nigel Payne

Site Code:

5417

Site Name:

A4059 Jct with B4275, Cross Valley Link Road,
Mountain Ash, SB

Project ID:

P5423P (P5423SR)

Device Location:

51.6786, -3.36994

Site Calibration Start Date:

03/04/2025

Radar Factory Calibration Date:

03/03/2025

Valid Until*:

02/04/2026

* Site Calibration Valid until up to one year from Site Calibration Start Date, or three years from Radar Factory Calibration Date, whichever is sooner.



| Date | |
|-----------------------------|------------|
| Site Calibration Start Date | 03/04/2025 |

| Location | |
|-----------------|---|
| Site Name | 5417 - A4059 Jct with B4275, Cross Valley Link Road, Mountain Ash, SB |
| Device Location | 51.6786, -3.36994 |

| Asset Calibration | |
|---|------------------|
| Device Serial Number | JE810100325-0468 |
| VECTOR Serial Number | SB161124-0433 |
| Device Distance to Notional Stop Line (m) | 30.3 |
| Device Height (m) | 5.34 |
| Device Offset (m) | 3.38 |
| Site Calibrated by | Nigel Payne |

| Radar Factory Calibration Report | |
|--|--|
| FST3 Radar Serial Number | 590-113/80792 |
| Radar Factory Calibration Date | 03/03/2025 |
| Specified Radar Frequency (GHz) | Measured Radar Frequency (GHz) |
| 24.045 | 24.048 |
| 24.085 | 24.088 |
| 24.125 | 24.127 |
| 24.165 | 24.167 |
| 24.205 | 24.207 |
| Radar Speed Test | |
| Simulated Speed (km/h) | Measured Speed (km/h) Approach / Recede |
| 10 | 10.1 / 10.1 |
| 50 | 50.1 / 50.1 |
| 100 | 100.2 / 100.2 |
| 200 | 199.8 / 199.8 |
| 250 | 249.9 / 249.9 |
| 300 | 300.0 / 300.0 |

| Calibration Tools | | | | |
|----------------------|-------------------|------------|----------------|----------------|
| Measuring Tape | Calibration Date: | 03/04/2025 | Serial Number: | NPJEN02 |
| Laser Measure | Calibration Date: | 01/11/2024 | Serial Number: | 1074251431 |
| Radar Alignment Tool | Calibration Date: | 03/04/2025 | Serial Number: | W465-000/60066 |