



# 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 JE810100720-0193 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", with a horizontal line underneath.

Derek Penn  
**Director of Operations**

Calibrating Engineer: Simon Kennington

Site Code: 747

Site Name: A548 Maesglas

Project ID: P4544M (P4566SR)

Device Location: 53.2885, -3.20562

Site Calibration Start Date: 07/01/2026

Radar Factory Calibration Date: 01/12/2025

Valid Until\*: 06/01/2027

\* 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	07/01/2026

Location	
Site Name	747 - A548 Maesglas
Device Location	53.2885, -3.20562

Asset Calibration	
Device Serial Number	JE810100720-0193
VECTOR Serial Number	SB160819-0095
Device Distance to Notional Stop Line (m)	30
Device Height (m)	5.2
Device Offset (m)	5.77
Site Calibrated by	Simon Kennington

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/66098
Radar Factory Calibration Date	01/12/2025
<b>Specified Radar Frequency (GHz)</b>	<b>Measured Radar Frequency (GHz)</b>
24.045	24.047
24.085	24.087
24.125	24.127
24.165	24.167
24.205	24.207
Radar Speed Test	
<b>Simulated Speed (km/h)</b>	<b>Measured Speed (km/h) Approach / Recede</b>
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:	07/01/2026	Serial Number:	SK001
Laser Measure	Calibration Date:	10/04/2025	Serial Number:	2444070518
Radar Alignment Tool	Calibration Date:	07/01/2026	Serial Number:	4910474