



# 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 JE810100322-0260 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:

Andrew Phillips

Annual Inspection Engineer:

Andrew Phillips

Site Code:

0849

Site Name:

A390 Tregolls Road, Truro (West)

Project ID:

P4734SR

Device Location:

50.2669, -5.0415

Initial Site Calibration Start Date:

12/02/2024

Annual Inspection Date:

12/01/2026

Radar Factory Calibration Date:

16/01/2024

Valid Until\*:

11/01/2027

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



Date	
Initial Site Calibration Start Date	12/02/2024
Annual Inspection Date	12/01/2026

Location	
Site Name	0849 - A390 Tregolls Road, Truro (West)
Device Location	50.2669, -5.0415

Asset Calibration	
Device Serial Number	JE810100322-0260
VECTOR Serial Number	SB161220-0157
Device Distance to Notional Stop Line (m)	28
Device Height (m)	5.29
Device Offset (m)	2.99
Site Calibrated by	Andrew Phillips
Site Inspected by	Andrew Phillips

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/66766
Radar Factory Calibration Date	16/01/2024
<b>Specified Radar Frequency (GHz)</b>	<b>Measured Radar Frequency (GHz)</b>
24.045	24.046
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

Initial Calibration Tools			
Measuring Tape	Calibration Date:	12/02/2024	Serial Number: AP001
Laser Measure	Calibration Date:	29/03/2023	Serial Number: 1082950506
Radar Alignment Tool	Calibration Date:	12/02/2024	Serial Number: 60028

Annual Inspection Tools			
Vbox	Calibration Date:	07/10/2025	Serial Number: 088629
Laser Measure	Calibration Date:	16/05/2025	Serial Number: 1022761252