

# Certificate of Calibration



**CERTIFICATE NUMBER: C 201503000007 -119 - 20190423**

|                         |   |            |
|-------------------------|---|------------|
| <b>Type/model:</b>      | <b>Set serial no: 119</b>                     |            |
| <b>Radar 24 IDC set</b> | <b>Sensys Gatso object code: 201503000007</b> |            |
| <b>Radar 24 antenna</b> | <b>Serial no: 3538 / 119</b>                  | <b>A/D</b> |
| <b>Control box</b>      | <b>Serial no: 3538 / 119</b>                  | <b>B</b>   |
| <b>IDC camera</b>       | <b>Serial no: 00C03A21603B</b>                | <b>C</b>   |
| <b>Decision box</b>     | <b>Serial no: 0000005B089E</b>                | <b>D</b>   |

**Date from: 23 April 2019**

**Date to: 22 April 2020**

**Calibrated by: ViTc**

The SGG equipment subject to this certificate has been calibrated by manufacturer Sensys Gatso Netherlands using equipment traceable to standards.

Table 1 shows the equipment used for measuring and testing:

| ID   | Description                 | Serial number | Type        |
|------|-----------------------------|---------------|-------------|
| 1398 | Handheld DMM                | 98950160      | Fluke 175   |
| 1357 | Timer / Counter             | SM713         | PM6665      |
| 1302 | Handheld DMM                | 61650069      | Fluke 73-II |
| 1358 | Timer / Counter             | SM791815      | PM6666      |
| 1511 | Microwave Frequency counter | US40490255    | 53149A      |
| 1266 | Microwave Frequency counter | US40490167    | 53149A      |

*Table 1 Calibration test equipment*

Table 2 shows a summary of the results recorded during this calibration test:

| Description              | Result     | Tolerance           |
|--------------------------|------------|---------------------|
| Shutter timing           | 499 ms     | 500 ms $\pm$ 50 ms  |
| Antenna frequency for UK | 24.138 GHz | 24.110 $\pm$ 25 MHz |
| Speed 15 mph             | 15 mph     | 15 mph $\pm$ 1 mph  |
| Speed 45 mph             | 45 mph     | 45 mph $\pm$ 1 mph  |
| Speed 78 mph             | 78 mph     | 78 mph $\pm$ 1 mph  |

*Table 2 Summary of results*

The calibration tests summarized in table 2 meet the tolerance for the equipment subject to this certificate; the device is hereby certified to measure within the stated tolerance of the device throughout its specified range.

### Statement of conformity

This device conforms to the device specification as per the Home Office Type Approval for: The Radar Speed Measuring Device Conditional Approval 2008. Any components, if required, used in repair and maintenance are identical to those in the schedule.

Signed for and on behalf of  
Sensys Gatso and the executing engineer:

Date: 23 April 2019

  
E. Hoffman  
Quality Assurance Officer