

Certificate of Calibration

CERTIFICATE NUMBER: C201604000013 - 1012 - 20220920

Type/model:

RS-GS11-UK FIP modular

Radar 24 antenna

GS11 camera

Decision Unit

FIP scope

Set serial number: 1012

Sensys Gatso object code: 201604000013

Serial no: 201604000022

Serial no: 201606000261

Serial no: 201604000032

Serial no: 201603001353

Date from: 20 September 2022

Date to: 19 September 2023

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 | 500 ms | 500ms ± 5.0ms |
| Radar frequency for UK | 24.123 GHz | 24.110 ± 25 MHz |
| Speed 18 mph | 18 mph | 18 mph ± 1 mph |
| Speed 43 mph | 43 mph | 43 mph ± 1 mph |
| Speed 74 mph | 74 mph | 74 mph ± 1 mph |
| Speed 112 mph | 112 mph | 112 mph ± 1 mph |
| Speed 149 mph | 149 mph | 149 mph ± 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 (No4) Approval 2012. 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: 20 September 2022

E. Hoffman
Quality Assurance Officer