



## CERTIFICATE OF TEST OF A SPEED MEASURING DEVICE

**Device description:** REDFLEX MR101  
**Serial number:** 102813-0010  
**Date and time of test:** 26/05/2022 @ 11:30  
**Date of expiry:** 26/05/2023  
**Test results:** As stated in SGS Report TC220871  
**Uncertainty of value(s):** As stated in SGS Report TC220871  
**Customer:** Queensland Police Service

The test confirmed that the device was compliant in accordance with the manufacturer's specification and the requirements of AS2898.2.

Following satisfactory completion of these tests, the device's speed computing unit was sealed using tamper evident adhesive seal.

**Signature:** CTPI

**Date:** 27/05/2022

**Name of signatory:** CTPI

**Position of signatory:** Approved Signatory

**Testing laboratory:** SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628  
10/585 Blackburn Road, Notting Hill VIC 3168



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SGSPAPER  
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## Calibration Report

<b>Report Reference Number</b>		TC220871
<b>Test Scope</b>		Certification of Radar Speed Measuring Device
<b>Date of Issue</b>		27/05/2022
<b>Date and Time of Test</b>		26/05/2022 @ 11:30
<b>Compiled by</b>	CTPI [REDACTED]	CTPI [REDACTED] Calibration Engineer
<b>Approved by</b>	CTPI [REDACTED]	CTPI [REDACTED] Calibration Engineer
<b>Testing Laboratory</b>		
SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628		
10/585 Blackburn Road, Notting Hill VIC 3168		
<b>Applicant</b>		
Queensland Police Service		
20 Pickering Street, Alderley, QLD 4051		
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## Summary of Results

The device under test is Compliant with the requirements of AS2898.2 Section 2.2 and SGS test procedure PR-TE-626-1.

### Comments:

- A compliant result indicates that the measurement results fall within specification limits by an amount at least equivalent to the uncertainty of measurement.
- No adjustments were performed on the device.

## Device Under Test Description

### Description:

REDFLEX MR101 317-107-000 S/N:102813-0010

### Condition:

- The device under test was found to be in a satisfactory physical condition.

## Test Equipment

Item	ID	Calibration Due Date
Anechoic Chamber	2059	Calibrated Before Use
Hygrometer	2139	25/11/2022
Pendulum Microwave Counter/Analyzer	2058	Checked Before Use
Rubidium Frequency Standard	1840	22/06/2022
Tektronix Arbitrary/Function Generator	1942	Checked Before Use

## Environmental Conditions

The ambient temperature and humidity at the time of test are shown below:

Ambient temperature (°C) +/-1 °C	Relative humidity (%) +/-4%
22.3	50.9

## Test Results

### Antenna Frequency Test:

Measured Centre Frequency(GHz)	24.12476
Measured Occupied Bandwidth (MHz)	42.0

QPS Right to Information Unit

**Speed Simulation Test (End to End):**

Simulated Speed (km/h)*	Simulated Range (m)	DUT Indicated Speed (km/h)	DUT Indicated Range (m)	DUT Indicated Direction**
-20.00	6.80	19.96	6.34	R
20.00	6.80	20.03	5.83	A
-50.00	6.80	49.90	6.70	R
50.00	6.80	49.93	6.16	A
-100.00	6.80	99.93	6.80	R
100.00	6.80	100.00	6.35	A
-150.00	6.80	150.09	6.77	R
150.00	6.80	150.10	6.55	A
-200.00	6.80	200.01	6.78	R
200.00	6.80	200.09	6.54	A
-250.00	6.80	249.99	6.80	R
250.00	6.80	250.00	6.59	A
-20.00	20.40	19.90	20.46	R
20.00	20.40	20.10	20.48	A
-50.00	20.40	49.90	20.43	R
50.00	20.40	50.00	20.45	A
-100.00	20.40	99.89	20.46	R
100.00	20.40	100.05	20.45	A
-150.00	20.40	150.01	20.39	R
150.00	20.40	150.17	20.49	A
-200.00	20.40	200.00	20.38	R
200.00	20.40	200.10	20.51	A
-250.00	20.40	249.90	20.40	R
250.00	20.40	250.00	20.48	A
-20.00	40.80	19.80	40.89	R
20.00	40.80	20.20	40.89	A
-50.00	40.80	49.80	40.86	R
50.00	40.80	50.01	40.89	A
-100.00	40.80	99.80	40.85	R
100.00	40.80	100.15	40.93	A
-150.00	40.80	149.93	40.83	R
150.00	40.80	150.20	40.89	A
-200.00	40.80	199.95	40.83	R
200.00	40.80	200.10	40.92	A
-250.00	40.80	249.90	40.81	R
250.00	40.80	250.02	40.95	A
-20.00	71.40	19.70	71.50	R
20.00	71.40	20.30	71.50	A
-50.00	71.40	49.79	71.50	R
50.00	71.40	50.11	71.55	A
-100.00	71.40	99.70	71.51	R
100.00	71.40	100.29	71.51	A



Simulated Speed (km/h)*	Simulated Range (m)	DUT Indicated Speed (km/h)	DUT Indicated Range (m)	DUT Indicated Direction**
-150.00	71.40	149.80	71.53	R
150.00	71.40	150.30	71.50	A
-200.00	71.40	199.90	71.48	R
200.00	71.40	200.20	71.55	A
-250.00	71.40	249.80	71.52	R
250.00	71.40	250.10	71.53	A

\*A negative speed indicates a receding vehicle and a positive speed indicates an approaching vehicle

\*\*A is approaching and R is receding.

QPS Right to Information Unit

## Tamper Evident Seals

The device under test was sealed with SGS tamper evident seals **CTPI**



Photo 1



Photo 2

## Uncertainty of Measurement

The estimated uncertainty of values quoted, at 95% confidence level, with a coverage “k” factor of 2 is:

- Radar Frequency:  $\pm 0.00057\text{GHz}$  at measured frequency
- Speed:  $\pm 0.36\text{km/h}$  from 20km/h to 250km/h

QPS Right to Information Unit



## Calibration Report

<b>Report Reference Number</b>		TC220872
<b>Test Scope</b>		Certification of Radar Speed Measuring Device
<b>Date of Issue</b>		27/05/2022
<b>Date and Time of Test</b>		26/05/2022 @ 12:00
<b>Compiled by</b>	CTPI [Redacted]	CTPI [Redacted] Calibration Engineer
<b>Approved by</b>	CTPI [Redacted]	CTPI [Redacted] Calibration Engineer
<b>Testing Laboratory</b>		
SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628		
10/585 Blackburn Road, Notting Hill VIC 3168		
<b>Applicant</b>		
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20 Pickering Street, Alderley, QLD 4051		
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## Summary of Results

The device under test is Compliant with the requirements of AS2898.2 Section 2.2 and SGS test procedure PR-TE-626-1.

### Comments:

- A compliant result indicates that the measurement results fall within specification limits by an amount at least equivalent to the uncertainty of measurement.
- No adjustments were performed on the device.

## Device Under Test Description

### Description:

REDFLEX MR101 340-505-000 S/N:102814-0005

### Condition:

- The device under test was found to be in a satisfactory physical condition.

## Test Equipment

Item	ID	Calibration Due Date
Anechoic Chamber	2059	Calibrated Before Use
Hygrometer	2139	25/11/2022
Pendulum Microwave Counter/Analyzer	2058	Checked Before Use
Rubidium Frequency Standard	1840	22/06/2022
Tektronix Arbitrary/Function Generator	1942	Checked Before Use

## Environmental Conditions

The ambient temperature and humidity at the time of test are shown below:

Ambient temperature (°C) +/-1 °C	Relative humidity (%) +/-4%
22.3	51.2

## Test Results

### Antenna Frequency Test:

Measured Frequency (GHz)	24.09069
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QPS Right to Information Unit



**Speed Simulation Test (End to End):**

<b>Simulated Speed (km/h)*</b>	<b>DUT Indicated Speed (km/h)</b>	<b>DUT Indicated Direction**</b>
20.00	20.00	A
20.00	20.00	A
20.00	20.00	A
50.00	49.91	A
50.00	49.91	A
50.00	49.91	A
100.00	99.98	A
100.00	99.99	A
100.00	99.99	A
150.00	149.90	A
150.00	149.90	A
150.00	149.90	A
200.00	199.86	A
200.00	199.87	A
200.00	199.86	A
250.00	249.82	A
250.00	249.82	A
250.00	249.82	A
-20.00	20.00	R
-20.00	20.00	R
-20.00	20.00	R
-50.00	49.91	R
-50.00	49.91	R
-50.00	49.91	R
-100.00	99.99	R
-100.00	99.99	R
-100.00	99.98	R
-150.00	149.90	R
-150.00	149.90	R
-150.00	149.90	R
-200.00	199.86	R
-200.00	199.86	R
-200.00	199.86	R
-250.00	249.82	R
-250.00	249.82	R
-250.00	249.82	R

\*A negative speed indicates a receding vehicle and a positive speed indicates an approaching vehicle

\*\*A is approaching and R is receding.

## Tamper Evident Seals

The device under test was sealed with SGS tamper evident seals CTPI [REDACTED].



Photo 1

## Uncertainty of Measurement

The estimated uncertainty of values quoted, at 95% confidence level, with a coverage "k" factor of 2 is:

- Radar Frequency:  $\pm 0.00057$ GHz at measured frequency
- Speed:  $\pm 0.36$ km/h from 20km/h to 250km/h



## CERTIFICATE OF TEST OF A SPEED MEASURING DEVICE

**Device description:** REDFLEX MR101  
**Serial number:** 102814-0005  
**Date and time of test:** 26/05/2022 @ 12:00  
**Date of expiry:** 26/05/2023  
**Test results:** As stated in SGS Report TC220872  
**Uncertainty of value(s):** As stated in SGS Report TC220872  
**Customer:** Queensland Police Service

The test confirmed that the device was compliant in accordance with the manufacturer's specification and the requirements of AS2898.2.

Following satisfactory completion of these tests, the device's speed computing unit was sealed using tamper evident adhesive seal.

**Signature:** 

**Date:** 27/05/2022

**Name of signatory:** 

**Position of signatory:** Approved Signatory

**Testing laboratory:** SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628  
10/585 Blackburn Road, Notting Hill VIC 3168



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Speed Camera Trailer Set-Up Checklist

Operator:		Site No:		Trailer No:		
CTPI		387915		<del>524UDB</del> 158UDB		
Item	Pre Deployment	Yes	No	N/A		
1	Ensure Work Order received with checklists and fact sheet attached	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2	Equipment required -					
	-Suitably rated vehicle for towing trailer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	-Jerry can filled with diesel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	-Truecam & measuring tape	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	-Trailer keys	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	-4X Wooden blocks for trailer stability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	-Laptop Notebook	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	-MR101 camera and modem	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Deployment - Physical Setup						
1	Confirm posted speed signs are correct in drive by (photograph)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2	Release Speed Camera Trailer (STC) from vehicle -					
	- Lower jockey wheel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	-Engage mechanical brake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	- Disconnect electrical and mechanical couplings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	- Disconnect safety chain	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3	Manually parallel SCT to road (< 5cm difference F to R, photograph)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4	Measurements					
	- FWD: 1.46m - REAR: 1.45m					
5	Switch on breakers -					
	- Front and rear trailer legs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	- Camera mast	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6	Level trailer to camber of the road, using trailer legs (ensure one wheel on the ground)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7	Remove jockey wheel and store in trailer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8	Lock wheel using chain and Police padlock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9	Remove pin and foldback towing arm, lock with Police padlock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10	Ensure camera is fixed to housing and is locked in position	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11	Before installing, manually set camera angle on top of camera	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
12	Install and connect camera to housing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
13	Raise camera/solar/security mast	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
14	Isolate Breakers -					
	- Front and rear trailer legs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	- Camera mast	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
15	Camera housing locked in 22° to road (photograph)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
16	Switch on breakers -					
	- Camera and flash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	- Modem	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
17	Spray-paint around legs with florescent paint	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
18	Take photos of SCT - front, rear, sides & legs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Generator Setup						
1	Ensure SCT is fuelled with diesel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2	Check oil level of generator (approx. 1/2 to 3/4), when cold	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		



**ROAD SAFETY CAMERA OFFICE – FIXED CAMERA OPERATIONS GROUP**

<b>3</b>	Align generator for automatic operation (Generator Control Panel)			
	- Key switch on	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Ensure green GCB LED is flashing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Depress auto pushbutton (orange LED on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Residential switch set for location	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>4</b>	On main breaker board ensure auto generator breaker is on	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5</b>	Generator run hours (if trailer has a generator)			
<b>Security Setup</b>				
<b>1</b>	Adjust security motion detectors for angle and sensitivity and test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2</b>	On main breaker board ensure quiet mode correct for location	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3</b>	Functionally test security system	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Deployment - Notebook Setup</b>				
<b>1</b>	Open program mRemoteNG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2</b>	Select correct camera to set up	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3</b>	Select deployment set up wizard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>4</b>	Select or check;			
	- Site Details/Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	- Site Layout Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	- Image	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	- Camera Alignment (adjust camera position as required)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5</b>	Speed validations - minimum of 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6</b>	Select <b>Start</b> to start deployment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Deployment - Post Physical Setup</b>				
<b>1</b>	Ensure all compartments are locked	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2</b>	Ensure all key/tools/equipment returned to vehicle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3</b>	Turn security alarm on (Mobile App)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Deployment - Quality Assurance</b>				
<b>1</b>	Review deployment notebook setup	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2</b>	Confirm data being received	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3</b>	Enter site into ICMS and enable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Additional Comments:</b>				
<b>Damage Inspection:</b>				
<b>Signature:</b> CTPI		<b>CTPI</b>		<b>Date:</b> 12/09/22





ROAD SAFETY CAMERA OFFICE – FIXED CAMERA OPERATIONS GROUP

Trailer: BRUNDA 158 UDE

Site: 387915

Date: 12/09/22

Operator: CTPI

Speed Camera Trailer Deployment Hazard Check List

Item	Administration	Yes	No	N/A
1	Work Order Number: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<b>Environment and Climate Pre-Deployment</b>			
8	Conduct location inspection prior to activity and identify potential hazards (minimising if possible) (Google Earth)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Provide briefing to personnel involved on potential hazards and obstacles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Check Monitor Bureau of Meteorology (BOM) website prior to deployment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Personnel to wear fluorescent vests/Hi-Vis clothing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Fire extinguisher available and compliant to AS 1851	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Choose hard surfaces for parking areas where possible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Assess suitability of grassed parking areas after or during wet weather	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Deployment vehicles are required to have flashing amber/Red blue lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	All deployment vehicles to have headlights on	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	<b>Health and Safety</b>			
24	Personnel must declare they are medically and physically fit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	Two personnel required to deploy trailer at all times	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Safe Work Method statement developed and briefing provided to personnel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	If required, sign onto contractors Safe Work Method Statement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Consultation with stakeholders including QPS RSCO, the relevant road authority and the Contractor during deployment planning process	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Traffic Management plan (TMP) prepared by accredited Traffic control contractor when road closure required	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
34	Equipment inspection/check conducted prior to the deployment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	Select access to site that does not involve potentially dangerous road crossings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39	All electrical outlets to be considered live unless disproved	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41	No equipment to be used that appears badly maintained or damaged	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44	No hot refuelling of generators to take place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45	No spare fuel to be stored in the proximity of the generator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47	<b>Deployment and Infrastructure</b>			
49	Check the strength of phone networks at the deployment site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52	New hazards that arise during the deployment will be subject to risk assessment and incorporated into the risk management plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72	All work in public conducted as planned in a professional manner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73	<b>Human Resources</b>			
74	QPS and Contractor staff assigned on the basis of skill and experience	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75	Briefing and instruction provided on roles and responsibilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76	Staff not to be engaged in high risk work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77	Staff not to be rostered for excessive hours	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78	<b>Traffic and Transport</b>			
79	Ensure consideration to traffic flow and peak hour times are considered	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments:

Signature: CTPI

CTPI

Date: 12/09/22



**Queensland Police Service  
Road Safety Camera Office**

40 Tank Street  
BRISBANE QLD 4001

**Redflex MR101 (Speed Camera Trailer) Validation Test Report  
Start Deployment Validation**

<b>Site Number:</b>	387915	<b>Test Date:</b>	12/09/2022
<b>Location:</b>	Pacific Motorway, Upper Coomera	<b>Test Time:</b>	12:23

Device	Serial Number	Calibration Date	Operator
Photographic Detection Device (PDD)	NK7-LX System: K7LX 0366	N/A	CTPI
	Speed Radar: 102814-0005	26/05/2022	
	Tracking Radar: 102813-0010	26/05/2022	
Validation Radar/LIDAR	TC003305	05/05/2022	
Trailer Registration	158UDB	Survey: 19/08/2022	N/A

Validation Test	PDD – Speed (km/h)	Radar/LIDAR – Speed (km/h)
1	98	97
2	79	79
3	97	95
4	99	97
5	100	98
6	96	95

*Speed validation testing was completed with a secondary independent traceable speed measurement device. On completion of this validation testing, the Photographic Detection Device was found to be producing accurate results.*

**QUALITY CONTROL**

**Report Date:** 12/09/2022

CTPI  
Signature: [Redacted]

Signature:

Print Name: CTPI

**Report Date:** 12/09/2022

CTPI  
Signature: [Redacted]

Signature:

Print Name





**Queensland Police Service  
Road Safety Camera Office**

40 Tank Street  
BRISBANE QLD 4001

**Redflex MR101 (Speed Camera Trailer) Validation Test Report  
End Deployment Validation**

<b>Site Number:</b>	387915	<b>Test Date:</b>	02/02/2023
<b>Location:</b>	Pacific Motorway, Upper Coomera	<b>Test Time:</b>	08:54

Device	Serial Number	Calibration Date	Operator
Photographic Detection Device (PDD)	NK7-LX System: K7LX 0366	N/A	CTPI
	Speed Radar: 102814-0005	26/05/2022	
	Tracking Radar: 102813-0010	26/05/2022	
Validation Radar/LIDAR	TC003305	19/10/2022	
Trailer Registration	158UDB	Survey: 19/08/2022	N/A

Validation Test	PDD – Speed (km/h)	Radar/LIDAR – Speed (km/h)
1	109	107
2	59	58
3	90	89
4	110	108
5	106	106
6	91	90

*Speed validation testing was completed with a secondary independent traceable speed measurement device. On completion of this validation testing, the Photographic Detection Device was found to be producing accurate results.*

**QUALITY CONTROL**

**Report Date:** 02/02/2022  
CTPI  
Signature: [Redacted]  
Print Name: CTPI

**Report Date:** 02/02/2022  
CTPI  
Signature: [Redacted]  
Print Name: CTPI