

16 February 2015

Mr Perrin Gilbert  
[Fyi-request-2471-08572217@requests.fyi.org.nz](mailto:Fyi-request-2471-08572217@requests.fyi.org.nz)

Dear Mr Gilbert

I refer to your Official Information Act request of 5 February 2015. You requested information relating to Infringement Notice PC12223285. In particular you requested the calibration test for the speed camera and a copy of photographic evidence.

Copies of the calibration test report for speed camera 141, dated 08/10/2014 and of the speed camera image are attached.

Yours sincerely



Inspector Mark Stables  
Manager, Police Calibration Services

**Safer Communities Together**

**CALIBRATION SERVICES**

32 Glover Street, Ngauranga Gorge, PO Box 3017, Wellington  
Phone: 64-4-494 9043 Fax: 64-4-494 9042



91812

**COPY**

### Certificate of Accuracy Approved Vehicle Surveillance Equipment

New Zealand Police District **WAITEMATA/HARBOUR BRIDGE**

Model	REDFLEXradarcam NZTMR	Serial No:	<b>141</b>
Computer Model	REDFLEXradarcam NZRCU	Serial No:	<b>119</b>
Camera Model	REDFLEXradarcamNZTMC	Serial No:	<b>180</b>
Manufacturer	<b>Redflex Traffic Systems PTY Ltd</b>		

#### Result of Laboratory Tests

Applied True Speed km/h	50	100	150	200
Measured Speed km/h	49	99	149	199
Operating Frequency	24.035 GHz			

I certify that I tested this Approved Vehicle Surveillance Equipment at the speeds specified in the Laboratory Tests panel above and found the device to be producing accurate speeds. This device has a measurement uncertainty of  $\pm 1$  km/h when measuring an unknown speed. This device was also subjected to a road test and the images produced by this camera indicated the device was functioning correctly and producing accurate speed readings. This REDFLEXradarcam camera system was tested with a calibrated tuning fork.

I, being a member of the New Zealand Police duly authorised for the purpose by the Commissioner of Police, certify pursuant to Section 146 of the Land Transport Act 1998 that the said device was tested on the date below and is accurate.

Signed 

Officer's Name **Robert Lewis GARDNER**  
Police Employee

Date of Test **08 Oct 2014**



TEMP 20.1 °C  
**TEMP COPY**

**REDFLEX  
RADARCAM TEST REPORT**

*M*  
04 NOV 2014

District Waitemata Station Harbour Bridge

RADAR NZTMR S/n 141 CAMERA NZTMC S/n 180  
COMPUTER NZRCU S/n 119 SOFTWARE VERSION 6.0.21  
LABORATORY DVD S/n 918121

VISUAL INSPECTION  TUNING FORK S/n 12511 FREQ 3599 Hz

LASER ALIGNMENT  RADIO FREQUENCY 24 .0351 GHz

FLASH FUNCTION TEST

GPS TIME 2:42:05 DEVICE TIME 2:42:05

DEVICE TIME CORRECTED  Yes

SIMULATION TEST 

50	<u>49</u>	100	<u>99</u>	150	<u>149</u>	200	<u>199</u>
----	-----------	-----	-----------	-----	------------	-----	------------

LABORATORY TEST RESULTS ATTACHED

FUNCTION TEST PHOTOS ATTACHED  -

FUNCTION TEST DVD S/n 918122

CLEAN D: TEMP

COMMENTS

CALIBRATION UNIT  91 Vehicle Reg. Number DQA 384

OFFICER CONDUCTING TESTS R Green I.D. 15W Q.C.

DATE OF TEST 8-10-14

# NZ Police Calibration Services

## Laboratory Speed Simulation Test Results for Speed Camera: MR141

Date: 08/10/2014 Laboratory Report Number: 91812

### Applied Speed 50km/h

Speed Results	45	46	47	48	49	50	51	52	53	54	55
Number Recorded					19						

### Applied Speed 100km/h

Speed Results	95	96	97	98	99	100	101	102	103	104	105
Number Recorded					25						

### Applied Speed 150km/h

Speed Results	145	146	147	148	149	150	151	152	153	154	155
Number Recorded					28						

### Applied Speed 200km/h

Speed Results	195	196	197	198	199	200	201	202	203	204	205
Number Recorded					25						

### Power Supply Voltage Variation Test 11.5-13.1-14.5 volts at applied speed 110km/h

Speed Results	106	107	108	109	110	111	112	113	114
Number Recorded				9					

### Radio Energy Exposure Frequencies 75-140-500-900 MHz at applied speed 120km/h

Speed Results	116	117	118	119	120	121	122	123	124
Number Recorded				14					

### Speed outside above test windows

Speed Results	
Number Recorded	