



# CERTIFICATE OF VERIFICATION

<b>Applicant</b>	Gatso USA Inc. 900 Cummings Ctr 222T 01915 Beverly MA, USA
<b>Equipment</b>	<b>T-Series</b>
<b>Manufacturer</b>	Sensys Gatso Group
<b>Type</b>	RT4
<b>Serial number</b>	201504002936
<b>Verification method</b>	The above stated equipment is verified according the SGG instruction: VI_48-05_RT4_Verification
<b>Date of verification</b>	17 November 2017
<b>Due date of verification</b>	16 November 2018
<b>Results</b>	The verification complies to the specifications as described in the stated verification method. See for detailed results the verification report attached to this certificate
<b>Traceability</b>	The verification is executed with calibrated measurement instruments which are traceable to the (inter)national standards of the country of origin. Sensys Gatso measurement instruments are controlled and calibrated according the applicable ISO 9001 procedure O-05.00 Control of measurement instruments.
<b>Haarlem</b>	17 November 2017  Signed for and behalf of Sensys Gatso E. Hoffman   Quality Assurance Officer

## VI-48-05 RT4 verification results

**Manufacturer:** Gatsco  
**Type:** RT4  
**Serial number:** 201504002936  
**Power supply:** 12VDC  
**Measuring range:** 20 - 250 km/h (12.5 - 156.2 mph)  
**Operating temperature range:** -20°C - +55°C (-4°F - +131°F)

**Verification type:**  Initial  Periodic  
**Verification date:** 17-11-2017  
**Executed by:** S van Leeuwen

**Measurement instruments**  
 Vehicle simulator hardware PXI + PCIeexpress MXI + NI 5783  
 Frequency counter Tektronix MCA3027

Part	Version	Checksum
RT4_CPU1	2.6.1	0DD23E03946C180FE2542BE32FE808BF9A
RT4_CPU2	2.6.1	EC069AE8521267B9F7EB3FE69C82ECB9
RT4_FPGA	1.4.6.0	13A2A6DAD9BAC6E156829478CD64D85

### Examination results:

Simulated speed	Direction	+20°C (68°F)									Measured values								
		Lane 1			Lane 2			Lane 3			Lane 1			Lane 2			Lane 3		
km/h (mph)		km/h	mph	km/h	mph	km/h	mph	km/h	mph	km/h	mph	km/h	mph	km/h	mph	km/h	mph	km/h	mph
22 (13.7)	Receding	22	13.7	22	13.7	22	13.7	22	13.7	22	13.7	22	13.7	22	13.7	22	13.7	22	13.7
50 (31.1)	Receding	50.1	31.1	50.2	31.2	50.2	31.2	50.2	31.2	50.4	31.4	50.4	31.4	50.4	31.4	50.4	31.4	50.4	31.4
100 (62.1)	Receding	100.4	62.4	100.4	62.4	100.4	62.4	100.4	62.4	100.4	62.4	100.4	62.4	100.4	62.4	100.4	62.4	100.4	62.4
150 (93.2)	Receding	150.7	93.6	150.7	93.6	150.8	93.7	150.8	93.7	150.8	93.7	150.8	93.7	150.8	93.7	150.8	93.7	150.8	93.7
200 (124.3)	Receding	200.9	124.8	200.9	124.8	201	124.9	201	124.9	201	124.9	201	124.9	201	124.9	201	124.9	201	124.9
247 (153.5)	Receding	248.1	154.2	248.2	154.2	248.4	154.3	248.4	154.3	248.4	154.3	248.4	154.3	248.4	154.3	248.4	154.3	248.4	154.3
-22 (-13.7)	Approaching	-22.3	-13.9	-22.3	-13.9	-22.3	-13.9	-22.3	-13.9	-22.3	-13.9	-22.3	-13.9	-22.3	-13.9	-22.3	-13.9	-22.3	-13.9
-50 (-31.1)	Approaching	-50.4	-31.3	-50.4	-31.3	-50.3	-31.3	-50.3	-31.3	-50.3	-31.3	-50.3	-31.3	-50.3	-31.3	-50.3	-31.3	-50.3	-31.3
-100 (-62.1)	Approaching	-100.3	-62.3	-100.3	-62.3	-100.2	-62.3	-100.2	-62.3	-100.2	-62.3	-100.2	-62.3	-100.2	-62.3	-100.2	-62.3	-100.2	-62.3
-150 (-93.2)	Approaching	-150.6	-93.6	-150.6	-93.6	-150.6	-93.6	-150.6	-93.6	-150.6	-93.6	-150.6	-93.6	-150.6	-93.6	-150.6	-93.6	-150.6	-93.6
-200 (-124.3)	Approaching	-201.2	-125.0	-200.8	-124.8	-200.6	-124.6	-200.6	-124.6	-200.6	-124.6	-200.6	-124.6	-200.6	-124.6	-200.6	-124.6	-200.6	-124.6
-247 (-153.5)	Approaching	-248	-154.1	-248.1	-154.2	-248.1	-154.2	-248.1	-154.2	-248.1	-154.2	-248.1	-154.2	-248.1	-154.2	-248.1	-154.2	-248.1	-154.2

	+20°C (68°F)	20°C (68°F)	+55°C (131°F)
Start Tx Frequency (MHz)	24.023		
Stop Tx Frequency (MHz)	24.244		