

# 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>	201602000920
<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: Gatso  
 Type: RT4  
 Serial number: 201602000920  
 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 + PCIepress MXI + NI 5783  
 Frequency counter: Tektronix MCA3027

Part	Version	Checksum
RT4_CPU1	2.8.1	C5DF17B999C89468FC3A2EC71B81845F
RT4_CPU2	2.8.1	63C228A55FAF7DE01AFB50D6EB80F9A
RT4_FPGA	1.5.1.0	BEC83AEB8A10C6CA0F8CE276463AD43C

**Examination results:**

Simulated speed	Direction	+20°C (68°F)									Measured values											
		Lane 1			Lane 2			Lane 3			Measured values			Measured values			Measured values					
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	km/h	mph	
22 (13.7)	Receding	22	13.7	22.1	13.7	22.1	13.7	22.1	13.7													
50 (31.1)	Receding	50.2	31.2	50.2	31.2	50.4	31.3	50.4	31.3													
100 (62.1)	Receding	100.4	62.4	100.4	62.4	100.4	62.4	100.4	62.4													
150 (93.2)	Receding	150.6	93.6	150.6	93.6	150.6	93.6	150.6	93.6													
200 (124.3)	Receding	200.9	124.8	200.9	124.8	200.5	124.6	200.5	124.6													
247 (153.5)	Receding	248	154.1	248.1	154.2	248.1	154.2	248.1	154.2													
-22 (-13.7)	Approaching	-22.3	-13.9	-22.2	-13.8	-22.2	-13.8	-22.2	-13.8													
-50 (-31.1)	Approaching	-50.4	-31.3	-50.4	-31.3	-50.3	-31.3	-50.3	-31.3													
-100 (-62.1)	Approaching	-100.3	-62.3	-100	-62.1	-99.9	-62.1	-99.9	-62.1													
-150 (-93.2)	Approaching	-150	-93.2	-149.7	-93.0	-149.5	-92.9	-149.5	-92.9													
-200 (-124.3)	Approaching	-200	-124.3	-199.5	-124.0	-199.2	-123.8	-199.2	-123.8													
-247 (-153.5)	Approaching	-247.1	-153.5	-246.4	-153.1	-246.8	-153.4	-246.8	-153.4													

Start Tx Frequency (MHz)	+20°C (68°F)	20°C (68°F)	+55°C (131°F)
24.008			
24.243			