



Fidelity Solutions

32110 Botts Drive
 Black Diamond, WA 98010
 253-258-1200

CERTIFICATE OF ACCURACY

Unit Information and Certification Summary

Manufacturer: Kustom Signals	Date Certified: 09/12/2022
Model: Raptor RP-1	Expiration Date: 09/12/2024
Serial Number: RP05672	Technician Name: Jorge Marciano
Agency: Puyallup Police Department	Signature: <i>J. Marciano</i>

By my signature above, I do hereby certify, under the penalty of perjury that all statements herein are true and correct. All applicable tests and measurements were made on the following RADAR Speed Measuring Device (SMD) equipment and it was found to meet or exceed all manufacturer's specifications.

Signed at Puyallup, Washington, on 10/26/23

Operational Tests

Controls Operational	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
RFI Indicator	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

Tuning Forks Number of Forks Tested: 2

#1	Serial Number:	Operating Band:	Tested Frequency:
	51454	Ka	3201 Hz
#2	Serial Number:	Operating Band:	Tested Frequency:
	51441	Ka	5881 Hz
		Stated Speed:	Tested Speed:
		30.0 MPH	30.2 MPH
		Stated Speed:	Tested Speed:
		55.0 MPH	55.5 MPH

Antenna Tests Number of Antennas Tested: 2

Antenna 1 S/N: <u>RN90097</u>						Antenna 2 (if applicable) S/N: <u>RN17094</u>					
Operating Band: <u>Ka</u>						Operating Band: <u>Ka</u>					
Stated Center Frequency: <u>35.500</u> GHz						Stated Center Frequency: <u>35.500</u> GHz					
Tested Center Frequency: <u>35.511</u> GHz						Tested Center Frequency: <u>35.493</u> GHz					
Stationary Mode		Moving Mode				Stationary Mode		Moving Mode			
Expected	Actual	Expected		Actual		Expected	Actual	Expected		Actual	
		Patrol	Target	Patrol	Target			Patrol	Target	Patrol	Target
25.0	24.0	35.0	30.0	34.0	30.0	25.0	24.0	35.0	30.0	34.0	30.0
35.0	34.0	35.0	75.0	34.0	74.0	35.0	34.0	35.0	75.0	34.0	74.0
45.0	45.0	65.0	30.0	65.0	30.0	45.0	45.0	65.0	30.0	65.0	30.0
55.0	54.0	65.0	75.0	65.0	74.0	55.0	54.0	65.0	75.0	65.0	74.0
65.0	65.0					65.0	65.0				
75.0	74.0					75.0	74.0				
95.0	95.0					95.0	95.0				

This certificate supersedes previous versions and is valid from the original Date Certified as stated above.