

FILED

MAR 23 2022

KIRKLAND MUNICIPAL COURT



KUSTOM SIGNALS, INC.

1010 WEST CHESTNUT, PO BOX 947 CHANUTE, KS 66720-0947

CERTIFICATE OF CALIBRATION

This is to certify that on the 18 day of March, 2022 the instrument below was tested and meets the manufacturer's specifications.

Manufacturer: KUSTOM SIGNALS, INC.

Model: Talon

Serial Number: _____ Transmitter Frequency Measured

Indicator T1543

Antenna 1 _____ 35.541 GHz

Antenna 2 _____ GHz

(Frequency tolerance allowed: X-Band 10.500 - 10.550 GHz, K-Band 24.050 - 24.250 GHz, Ka-Band 35.400 - 35.600 GHz)

MPH KM/H _____ KNOTS _____

Calibration Speed	Speed Registered
<u>35</u>	<u>35</u>
<u>50</u>	<u>50</u>
<u>65</u>	<u>65</u>

FREQUENCIES CHECKED USING: HEWLETT PACKARD FREQUENCY COUNTER MODEL NO. 5352B SERIAL NO. 2816A01331

The instrument(s) used to certify the accuracy of the above radar has been calibrated within the previous year and is traceable to the National Institute of Standards and Technology.

Calibration performed by Technician Brenda Myer

Calibration verified by: Kevin J. Unrein

FCC license number: PG-17-21280

Expiration date: NO EXPIRATION DATE

Subscribed and sworn to me this 18 day of March, 2022

Renate B. Capocasa
NOTARY PUBLIC



FILED

MAR 23 2022
KIRKLAND
MUNICIPAL COURT

Kustom Signals, Inc.

Tuning Fork Certification of Accuracy

This is to Certify that

Kustom Ka-Band Tuning Fork S.N. 7632 has been tested* and found to oscillate at 5889 HERTZ at 25°C. When used with a Kustom Ka-Band Doppler traffic radar operating at 35.50 GHz will cause a calibration signal of 55 MPH.

(Temperature correction factor:-0.02MPH/Degree C)

Date March 18, 2022

Certified By Brenda Myer

*Traceable to National Institute of Standards and Technology

KUSTOM SIGNALS, INC., 1010 W. CHESTNUT, CHANUTE, KANSAS 66720

MAR 23 2022
KIRKLAND
MUNICIPAL COURT

Kustom Signals, Inc.

Tuning Fork Certification of Accuracy

This is to Certify that

Kustom Ka-Band Tuning Fork S.N. 7633 has been tested* and found to oscillate at 5898 HERTZ at 25°C. When used with a Kustom Ka-Band Doppler traffic radar operating at 35.50 GHz will cause a calibration signal of 55 MPH.

(Temperature correction factor:-0.02MPH/Degree C)

Date March 18, 2022

Certified By *Brenda Myer*

*Traceable to National Institute of Standards and Technology

KUSTOM SIGNALS, INC., 1010 W. CHESTNUT, CHANUTE, KANSAS 66720

Kustom Signals, Inc.

Tuning Fork Certification of Accuracy

This is to Certify that

Kustom Ka-Band Tuning Fork S.N. 7635 has been tested* and found to oscillate at 3209 HERTZ at 25°C. When used with a Kustom Ka-Band Doppler traffic radar operating at 35.50 GHz will cause a calibration signal of 30 MPH.

(Temperature correction factor:-0.02MPH/Degree C)

Date March 18, 2022

Certified By Brenda Myer

*Traceable to National Institute of Standards and Technology

KUSTOM SIGNALS, INC., 1010 W. CHESTNUT, CHANUTE, KANSAS 66720

FILED

MAR 23 2022

KIRKLAND
MUNICIPAL COURT

Kustom Signals, Inc.

Tuning Fork Certification of Accuracy

This is to Certify that

Kustom Ka-Band Tuning Fork S.N. 7637 has been tested* and found to oscillate at 3207 HERTZ at 25°C. When used with a Kustom Ka-Band Doppler traffic radar operating at 35.50 GHz will cause a calibration signal of 30 MPH.

(Temperature correction factor:-0.02MPH/Degree C)

Date March 18, 2022

Certified By *Brenda Myers*

*Traceable to National Institute of Standards and Technology

KUSTOM SIGNALS, INC., 1010 W. CHESTNUT, CHANUTE, KANSAS 66720

FILED
MAR 23 2022
KIRKLAND
MUNICIPAL COURT