

FCC NOTIFICATION REPORT

for

Transportation Safety Devices, Inc.

FCC ID: NVX-TSD-RT-MPX

1.0 Introduction

This report has been prepared on behalf of Transportation Safety Devices, Inc. to support the attached Application for Equipment Authorization. The test and application are submitted for an Unintentional Radiator under Part 15 of the FCC Rules and Regulations. The Equipment Under Test was the Transportation Safety Devices, Inc. Amplifier-Sequenced Hybrid (ASH) Receiver.

All measurements herein were performed according to the 1992 version of ANSI C63.4. The measurement equipment conforms to ANSI C63.2 Specifications for Electromagnetic Noise and field Strength Instrumentation. Calibration checks are made periodically to verify proper performance of the measuring instrumentation.

All measurements are performed at Washington Laboratories, Ltd. test center in Gaithersburg, MD. Site description and site attenuation data have been placed on file with the FCC's Sampling and Measurements Branch at the FCC laboratory in Columbia, MD. Washington Laboratories, Ltd. has been approved by the FCC and NIST NVLAP (NVLAP Lab Code: 200066-0) as an independent test laboratory.

The results reported herein relate only to the item tested. This report shall not be used to claim product endorsement by NVLAP or any agency of the US Government.

1.1 Summary

The Transportation Safety Devices, Inc. ASH Receiver complies with the limits for an unintentional radiator under Section 15.109(a).

2.0 Description of Equipment Under Test (EUT)

The Transportation Safety Devices, Inc. receiver is a 418 MHz ASH receiver that is used as part of a wireless remote control for tow trucks. The system is used to control the tow truck bed or crane. The battery powered unit has two different models, one with 8 outputs and one with 16 outputs. Both models are identical, including the circuit board layouts, except for the number of relays installed on the circuit board.

The unit also contains an internal F-type coaxial connector which is cabled out to a BNC coaxial connector that attached to an external antenna, 8 or 16 internal "quick connect" headers (depending on model) for connection to the tow truck hydraulic systems, two sets of internal 4-connection terminal blocks, and two internal terminals for connection of DC supply power from the vehicle battery. The receiver is used with a transmitter, concurrent application (FCC ID: NVX-TSD-RR-MPX), that is mounted in the vehicle.