LS RESEARCH, LLC
Wireless Product Development

To: FCC / IC

Regarding: FCC ID: T5E-201211 & IC: 6453A-201211

With the guidance of FCC KDB 996369 D01 Module Certification Guide v01r03, Section VII. Question 1 Answer 1 A. (File for a new FCC ID) (page 7-8) the intent of the submitted application is to gain product certification of a device containing a 127 kHz low power transmitter that also uses a previously certified 2.4 GHz module. The transmitters are less than 20 cm apart and can transmit simultaneously.

The application for certification of the Scott Safety Queue Interface Model 201211 contains a 127 kHz (Low power RFID) transmitter and a 2.4 GHz module previously certified as TFB-APEXLT / 5969A-APEXLT.

Testing has been performed on the 127 kHz transmitter with the 2.4 GHz module integrated into the host device. The transmitters are within 20 cm so co-location testing has been tested and reported. The co-location testing includes the 127 kHz transmitter operation while the 2.4 GHz transmitter was set into continuous transmit modulated mode. This data can be seen in submitted test report, "TR 313086 A FCCICTX V2". Also in this test report is data supporting the continued compliance of the 2.4 GHz transmitter installed in the host with regards to spurious harmonics in restricted bands which also applies as co-location test data.

Since the 127 kHz transmitter is continuously operating regardless of 2.4 GHz transmissions, test report, "TR 313086 B FCCICTX V1" contains all 127 kHz data with the addition of the 2.4 GHz spurious emissions in restricted bands as tested in host device as well as RF conducted output power verification showing continued compliance based on the original certification of TFB-APEXLT / 5969A-APEXLT. A statement from the manufacturer as well as the original report for TFB-APEXLT / 5969A-APEXLT has been submitted as pointed out in FCC KDB 996369.

The submitted for the original 2.4 GHz module as well as the Scott Safety product exhibits, applications for a composite device, and RF Exposure considerations should demonstrate compliance of this device.

Thank you,

Thomas T. Smith
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