

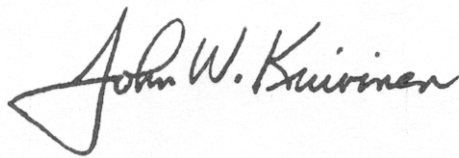
Summary of Test Results  
in accord with FCC Rules Part 15 and C63.4-2003

|   |   |
|---|---|
| Equipment Model:                                      | SST00123  |
| Transmitter Tested to C63.4-2003 Section:             | FCC Rules 15.231  |
| Field Strength at a distance of 3 meters:             | 3320 uV/Mtr (- 5.2 dB below limit) @ 315 MHz                                |
| Peak to Average Ratio:                                | 20 dB - Fixed Duty Cycle  |
| Test Conditions:                                      | Radiated (Sections 11 & 13)   |
| Transmitter:  |   |
| Transmitter Frequency:                                | 315.0 MHz Nominal (Factory Tuned Only)                                      |
| Bandwidth (20 dB down)                                | < 0.020% of Center Freq.  |
| Frequency Tolerance:                                  | N/A (Nominal +/- 0.02 MHz)  |
| Frequency Stability:                                  | N/A (Nominal +/- 0.02 MHz)  |
| Transmitter Spurious at 3 meters:<br>(Worst Harmonic) | 130 uV/Mtr (- 13.5 dB below limit)  |
| Frequency:  | 2835 MHz  |
| Momentary Operation (Yes/No)                          | Yes   |
| Holdover time after manual release:                   | 0.8 seconds (maximum), 8 data words on<br>any short (>120 mSec. activation) |
| Duration of transmission after activation:            | 30 seconds (maximum) on any single manual<br>activation                     |

Attestation:

The radio apparatus identified in the application has been subject to all the applicable test conditions specified in FCC Rules Part 15 and all of the requirements of the Standard have been met.

Regulatory Compliance Engineer



John W. Kuivinen, P.E. \_\_\_\_\_

Date: October 11, 2010

LINEAR LLC  
FCC ID:EF4LRW

**Radio Standard Specification  
Low Power Communication Devices  
C63.4-2003 and FCC Rules Part 15**

1.0 General:

1.2, Exclusions to TV Broadcast Freq.   Complies

2.0 Related Documents:

Reference Documents for Application:   CFR 47, FCC Rules Part 15

3.0 Test Equipment:

|                     |   |
|---------------------|---|
| Supply Voltage:     | One 2032 - 3 volt lithium battery           |
| Test Equipment List | See Test Equipment                          |
| Signal Detector:    | Peak with 20 dB peak to average conversion. |

4.0 Certification and Test Results:

|                        |   |
|------------------------|---|
| Summary of Results per | FCC and Industry Canada Rules and Regulations |
|------------------------|---|

5.0 General Technical Requirements:

|                         |  |
|-------------------------|--|
| 5.1 Testing Methods:    | Peak Signal pulse position modulated A1D signal. |
| 5.1 Reference Standard: | C63.4-2003 (FCC Procedure)                       |
| 5.2 Modulation:         | Pulse Position 10K0 A1D, AM Modulation           |
| 5.3 Type of Antenna:    | Integral to Transmitter Case - Tuned Loop        |
| 5.4 External Controls:  | One Push Button<br>No user serviceable parts.    |
| 5.5 Accessories:        | NONE   |
| 5.6 TX Bandwidth:       | <0.020 %, See Test Measurements                  |
| 5.7 Equipment Labels:   | See Label Facsimilie                             |
| 5.8 Manual Disclaimer:  | Provided in attached draft copy of manual        |
| 5.9 Usage Restrictions: | Digital Pulse Code Only                          |

## 6.0 Transmitter Characteristics and Tests:

|   |   |
|---|---|
| 6.1 Momentary Operated Devices:           | Complies  |
| 6.1(a) Types of Signals:                  | Manual Push to Transmit   |
| 6.1(a) Automatic Activation:              | Optional  |
| 6.1(a) Five Second Max. upon release:     | Complies  |
| 6.1(b) Field Strengths:                   | Per 15.231, 315 MHz = 6042 uV/Mtr maximum at 3 meters.            |
| 6.1(c) Bandwidth (20 dB down)             | <0.020 % Complies   |
| 6.1(d) Frequency Stability                | N/A per regulations<br>+/- 0.02 MHz Crystal Controlled Oscillator |
| 6.1(e) Reduced Field Strength             | N/A   |
| 6.2 Non-Momentary Operated Devices:       | N/A   |
| 6.2.1 Frequency Bands:                    | Complies  |
| 6.3 Restricted Bands:                     | Complies  |
| 6.5 Pulsed Operation:                     | Complies (20 dB Peak/Average)<br>See Test Measurements            |
| 6.6 Wireline Conducted Emissions:         | N/A   |
| 7.0 Receivers                             | N/A   |
| 8.0 Self Certification:                   | N/A   |
| 9.0 AC Wireline Conducted Emissions:      | N/A   |
| 10.0 Terminated Measurement Method:       | N/A   |
| 11.0 Radiated Measurement Method:         | See Test Equipment Report   |
| 11.1 Measuring Distance:                  | Complies  |
| 11.2 Open Field Test Site:                | Complies, C63.4-2003  |
| 11.3 Equipment Test Platform:             | See Test Equipment List   |
| 11.4 Measurement Method:                  | Complies, See Test Equipment Report                               |
| 12.0 DC Power Consumption Methods:        | N/A   |
| 13.0 Near Field Measurement for < 30 MHz: | N/A   |
| 14.0 Test Report Submission:              | See Attached Test Equipment Report                                |