

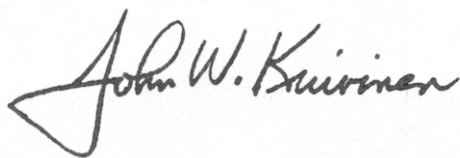
Summary of Test Results  
in accord with FCC Rules Part 15 and C63.4-2001

Equipment Model:	SST00121
Transmitter Tested to C63.4-2003 Section:	FCC Rules 15.231
Field Strength at a distance of 3 meters:	1200 uV/Mtr (- 14 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 +/- 0.25 MHz)
Frequency Stability:	N/A (Nominal +/- 0.25 MHz)
Transmitter Spurious at 3 meters: (Worst Harmonic)	350 uV/Mtr (- 4.8 dB below limit)
Frequency:	1890 MHz
Momentary Operation (Yes/No)	Yes
Holdover time after manual release:	0.8 seconds (maximum), 8 data words on any short (>120 mSec. activation)
Duration of transmission after activation:	10 seconds (maximum) on any single manual 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: August 29, 2008

**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:                               Two 2032 - 3 volt lithium batteries

Test Equipment List                         See Section 6

Signal Detector:                             Peak with 20 dB peak to average conversion.

**4.0 Certification and Test Results:**

Summary of Results per                     See Page 1 of this Report

**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 16K0 A1D, AM Modulation

5.3 Type of Antenna:                       Integral to Transmitter Case - Tuned Loop

5.4 External Controls:                     Four Push Buttons  
No user serviceable parts, except for battery changing.

5.5 Accessories:                            NONE

5.6 TX Bandwidth:                         <0.020 % (See Section 8)

5.7 Equipment Labels:                    See Section 2

5.8 Manual Disclaimer:                    See 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:	Table 1 315 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 +/- 0.25 MHz SAW Resonator Oscillator
6.1(e) Reduced Field Strength	N/A
6.2 Non-Momentary Operated Devices:	N/A
6.2.1 Frequency Bands:	Refer to Table 1
6.3 Restricted Bands:	Complies
6.5 Pulsed Operation:	Complies (20 dB Peak/Average) See Section 8
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 Section 8
11.1 Measuring Distance:	Complies
11.2 Open Field Test Site:	Complies, C63.4-2003
11.3 Equipment Test Platform:	See Section 8
11.4 Measurement Method:	Complies, See Section 8
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