

**Radio Standard Specification
Low Power Communication Devices
C63.4-1992 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 #2016 3 volt lithium batteries

Test Equipment List See Section 6

Signal Detector: Peak with 15.6 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: C63.4-1992 (FCC Procedure)

5.2 Modulation: Pulse Position A1D, AM Modulation

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

5.4 External Controls: Push Buttons
No user serviceable parts except
for replacement of batteries.

5.5 Accessories: NONE

5.6 TX Bandwidth: <0.010 % (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:	N/A
6.1(a) Five Second Max. upon release:	Complies
6.1(b) Field Strengths:	Table 1 318 MHz = 6167 μ V/Mtr at 3 meters.
6.1(c) Bandwidth (20 dB down)	<0.010 % Complies
6.1(d) Frequency Stability	N/A per regulations +/- 0.250 MHz Maximum Error
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 (15.6 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, C63.4-1992
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