

**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:                                      Fresh 9 volt alkaline battery

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 battery

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 uV/Mtr at 3 meters.         |
| 6.1(c) Bandwidth (20 dB down)             | <0.010 % Complies                                  |
| 6.1(d) Frequency Stability                | N/A per regulations<br>+/- 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)<br>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                                       |