

2.0 **SYSTEM DESCRIPTION**

---

---

2.1 **Justification for Certification Per 15.101**

---

The Unintentional Radiator referenced in the report is subject to certification per paragraph 15.101. The device referenced herein is a Superregenerative receiver.

(Note: This device also contains a previously certified 2.4 GHz Transmitter Module FCC ID: MFEMODTX24-01.)

2.0 **SYSTEM DESCRIPTION**

---

2.2 **Circuit Description Per 2.1033(b)**

---

The super regenerative receiver referenced herein is part of a Wireless Audio/Video Communication system. This receiver operates at 438 MHz. The unit is powered by 12 VDC, 350 mA.

This unit receives the Channel Selection signal back from the Transmitter "Sattelite" unit.

**TABLE 1** **RECEIVER SPECIFICATION**

---

<i>Receiver Frequency</i>	<i>438 MHz</i>
<i>Power Supply</i>	<i>12 VDC, 350 mA</i>
<i>FCC Certification</i>	<i>Part 15</i>

2.0

## SYSTEM DESCRIPTION

---

2.3

### Photographs

---

- Photo #1 - *Front View of Receiver ("Base Station")*
- Photo #2 - *Side View*
- Photo #3 - *Rear View*
- Photo #4 - *Top View*
- Photo #5 - *Bottom View*
- Photo #6 - *Circuit Board, Top View (With Module)*
- Photo #7 - *Circuit Board, Top View (Without Module)*
- Photo #8 - *Circuit Board, Bottom View*
- Photo #9 - *Circuit Board, (Module) Top View*
- Photo #10 - *Circuit Board, (Module) Bottom View*
- Photo #11 - *Circuit Board, (With Shield) Top View*
- Photo #12 - *Circuit Board, (With Shield) Bottom View*
- Photo #13 - *Circuit Board, (Without Shield) Top View*
- Photo #14 - *Circuit Board, (Without Shield) Bottom View*