

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.)

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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>

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SYSTEM DESCRIPTION

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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