

DESCRIPTION**1. Transmitter Technical Characteristics -- Pursuant 2.1033 (d)**

- | | |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| A. RF Power Output | <u>Variable from 50 Watts to 150 Watts</u> |
| B. Frequency Range | <u>851 MHz to 870MHz</u> |
| C. Frequency Stability | <u>* (Determined by Accompanying Base Station)</u> |
| D. Emissions | <u>* Various (Determined by Accompanying Base Station)</u> |
| E. Spurious Emissions | <u>Better than -70.0 dBC</u> |
| F. DC Voltage and Current into the final RF amplifier stage/stages | <u>28.0 Volts</u>
<u>15.1 Amps (at maximum rated output power)</u> |
| G. Maximum Power Rating as per part 90 | |

2. Transmitter Application**A. Power Supply Available**

- | | |
|----------------------------------------------------------------------|---------------------------------------------------|
| <input checked="" type="checkbox"/> AC 120V 60 Hz | <input checked="" type="checkbox"/> AC 240V 60 Hz |
| <input checked="" type="checkbox"/> AC 120V 50 Hz | <input checked="" type="checkbox"/> AC 240V 50 Hz |
| <input checked="" type="checkbox"/> DC Supply ± 48 / 60 Volts DC | |

B. Squelch Type Available * (Determined by Accompanying Base Station)

- | | |
|----------------------------------------------------------|-------------------------------------------------------|
| <input checked="" type="checkbox"/> Carrier Squelch | <input checked="" type="checkbox"/> Tone Private Line |
| <input checked="" type="checkbox"/> Digital Private Line | |

C. Microphone Available * (Determined by Accompanying Base Station)

- | | |
|-----------------------------------------------------------|---------------------------------------------|
| <input checked="" type="checkbox"/> Handheld Conventional | <input checked="" type="checkbox"/> Handset |
|-----------------------------------------------------------|---------------------------------------------|

D. Maximum Channel Capability * (Determined by Accompanying Base Station)

All models are fully synthesized and capable of tuning 5 and 6.25 kHz increments to transmit channels within the range of 851 to 870 MHz.

E. Housing Styles Available

The transmitter is designed to be a cabinet mounted unit, as shown in the accompanying photos.

F. Digital Modulation Techniques * (Determined by Accompanying Base Station)

This transmitter is capable of digital modulation where the modulating signal is fed directly to the modulator.

3. Electro-Magnetic Exposure (EME) -- Pursuant 1.1307

This transmitter is intended for use at fixed base station sites only, and is not to be marketed for mobile use. As such, under Section 1.1307 of the FCC Rules, the transmitter is not currently subject to the Commission's environmental rules pertaining to the routine evaluation for RF exposure prior to equipment authorization.