

OPERATIONAL DESCRIPTION

I. Transmitter Technical Characteristics -- Pursuant 2.1033(c)

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|---|---|
| A. RF Power Output | 5 - 30 Watts Variable Power |
| B. Frequency Range | 403-433 MHz |
| C. Frequency Stability | 0.00015% |
| D. Emissions | 16K0F3E, 11K0F3E, 8K10F1E, 8K10F1D, 20K0F1E |
| E. Spurious Emissions | -28.99 dBm |
| F. DC Voltage and Current into
the final RF amplifier stage/stages | 13.8 Volts
10 A max |

II. Transmitter Application

This transmitter is primarily intended for use as a portable suitcase Repeater station. The station is characterized by the following features, options, and accessories.

A. Power Supply Available

1. NiCad Battery _____, DC X, Alkaline Battery _____,
AC X, Lead Acid Battery _____.

B. Antenna Available

1. Helical _____, Telescopic _____, Whip _____, Dipole _____,
Dribble External _____, External X.

C. Squelch Types Available

1. Carrier Squelch X.
2. Tone "Private Line" X.
3. Digital "Private Line" X.

D. Microphone - Control

1. Handset/Palm Microphone X.
2. 600 Ohm wireline control X.

E. Maximum Transmit Channel Capability 1.

F. Housing

The transmitter will be housed as shown in the accompanying photographs.

G. Other Options

1. Single Tone Encoder
2. Multiple Single Tone Encoder
3. Touch Code Encoder
4. Unit ID Encoder
5. EMS Telemetry Encoder
6. Time out Timer X
7. Voice Encryption
8. Digital Signaling
9. Sel-Call Decode
10. Trunking