DESCRIPTION

1. Single Channel -- Transmitter Technical Characteristics -- Pursuant 2.983 (d)

A.	RF Power Output	**Variable from 5 Watts to 40 Watts (Average)**
B.	Frequency Range	**851 MHz to 870 MHz**
C.	Frequency Stability	**0.00001 %**
D.	Emissions	**17K7D7W**
E.	Spurious Emissions	**Better than –59 dBC**
F.	DC Voltage and Current into the final RF amplifier stage/stages	**28.6 Volts** **7.5 Amps maximum**
G.	Maximum Power Rating	**215 Watts maximum**

2. Transmitter Application

A. Power Supply Available

( ) AC 120V 60 Hz ( ) AC 240V 60 Hz
( ) AC 120V 50 Hz ( ) AC 240V 50 Hz
(x) DC Supply ±48 / 60 Volts DC

B. Squelch Type Available

( ) Carrier Squelch ( ) Tone Private Line
( ) Digital Private Line

C. Microphone Available

( ) Handheld Conventional ( ) Handset

D. Maximum Channel Capability

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 rack mounted unit, as shown in the accompanying photos.

F. Digital Modulation Techniques

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.