

Operational Description-

The PT-1 transmitter generates a very low power pulsed CW signal on one operating frequency between 216.025Mhz and 235.000Mhz. The PT-1 is a synthesized design referenced to a .2PPM TCXO. The CPU controls the transmitter on/off switching and the PLL, which locks the VCO on the proper frequency. The output of the VCO feeds a single stage of amplification followed by a 5th order low pass filter connected to the antenna. The unit is powered by a CR2032 lithium battery.