

TEB-HUNTSS762

Operational Statement:

This device is an integration of two existing products, 1) Landis + Gyr metrology circuit board and 2) Hunt Technologies Focus Module circuit board. The RF module will read the data from the metrology portion. The RF transmitter Gaussian Frequency Shift Keying (GFSK) signals to compatible receivers. It's transmit frequency is based on a table of at least 50 preset pseudo-random frequencies, stored in EEPROM. This table ensures that each of the frequencies are used the same number of times. The frequency synthesizer uses a crystal oscillator circuit as its reference to produce a frequency between 904 and 927.9, which is turned on and off by the modulator to produce a GFSK signal.