Operational Description

The 450 MHz Band Telerange RF module is used in receive mode only. The microprocessor communicates with the CC1020 radio via SPI and UART to receive data communication over the air. Data is FSK-modulated on a carrier frequency from 450 to 470MHz. The CC1020 uses an internal mixing circuit with an IF of 307.2KHz. This module uses a Larsen LM450C-W155 external antenna with a gain of 3.4dBd /5.6dBi.