

Technical specifications

All the transmitters

Center frequency: 433.92 MHz $\pm$ 20 kHz

Oscillator: 30 MHz

Modulation: GFSK

Rate = 40 kbit/sec

Code: A train of pulses lasting 17.6 ms followed by a pause of 82.4 ms.

Radiated power (ERP): $< 76.7 \text{ dB}\mu\text{V/m @ 3m}$

Error power: $\pm 0.5 \text{ dB}$

$\text{DC} = 17.6/100 = 0.176$

$20 * \text{Log}(\text{DC}) = -15.09 \text{ dB}$

Correction average power: -15.09 dB

Working temperature: from -20°C to $+55^\circ\text{C}$