Technical specifications

All the transmitters

Center frequency: 433.92 MHz ± 100 kHz
Oscillator:26MHz
Modulation: AM (OOK)
Code: a train of pulses lasting 52 bit followed by a pause of 18ms.
      Start bit = 1.5ms, stop bit = 1.5ms
      Bit = 1 -> 1ms ON and 0.5ms OFF
      Bit = 0 -> 0.5ms ON and 1ms OFF
      Calculation of correction in worst case (all bit =1): 1.5ms + 1.5ms + 52 x 1ms = 55ms
      DC = Duty-Cycle = 55/100 = 0.55
      Correction = 20 x log (DC) = 20 x log (0.55) = -5.1dB
Radiated power: < 80.8dBµV/m (average)
Working temperature: from -20°C to +55°C

Instructions Manual

For details, please read S0333A01MM_14-01-2015 and addendum IST240R01.4851_01-08-2012