

## Technical description

| Description                       | Function   | Component |
|-----------------------------------|--|-----------|
| Antenna                           | Transmit modulated RF signal                             | ANT       |
| Filter                            | Suppression of spurious emissions                        | L1, C1    |
| RF power amplifier and modulation | Modulate the carrier and amplify the modulated RF signal | Q1        |
| Oscillator                        | Generate 27.145 MHz carrier                              | Y1, Q2    |
| Encoder IC                        | Generate code signal to modulator                        | IC1       |

Type of antenna: Integral antenna

Antenna Gain: 0dBi

Type of modulation: Pulse modulation

The nominal conducted output power specified: -35dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -37.15dBm (+/- 3dB)