

## Technical description

| Description                      | Function                                                 | Component  |
|----------------------------------|----------------------------------------------------------|------------|
| Antenna                          | Transmit modulated RF signal                             | ANT1       |
| Filter                           | Suppression of spurious emissions                        | L3, C3, C9 |
| RF IC                            | Generate code signal to modulator                        | IC1        |
| Oscillator                       | Generate 49.86 MHz carrier                               | Y1, Q1     |
| RF power amplifier and modulator | Modulate the carrier and amplify the modulated RF signal | Q2         |

Antenna Type: Integral antenna with plastic enclosure

Antenna Gain: 0dBi

Modulation Type: Pulse modulation

The nominal conducted output power specified: -26.0dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -28.15dBm (+/- 3dB)