

## Technical description

| Description                      | Function                                                 | Component |
|----------------------------------|----------------------------------------------------------|-----------|
| Antenna                          | Transmit modulated RF signal                             | ANT       |
| Filter                           | Suppression of spurious emissions                        | L1, C9    |
| RF IC                            | Generate code signal to modulator                        | IC1       |
| Oscillator                       | Generate 27.145 MHz carrier                              | X1, 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: -29.00dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -31.15dBm (+/- 3dB)