

## Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Filter	Suppression of spurious emissions	L3, C4
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: Dedicated antenna with unique antenna connector

Antenna Gain: 0dBi

The nominal conducted output power specified: -34.0dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -36.15dBm (+/- 3dB)

Modulation Type: Pulse modulation