

## Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Filter	Suppression of spurious emissions	L3, C11
RF power amplifier and modulation	Modulate the carrier and amplify the modulated RF signal	Q2
Oscillator	Generate 27.145 MHz carrier	Y1, Q1
Encoder IC	Generate code signal to modulator	U1

Antenna Type: telescope antenna with unique antenna connector

Antenna Gain: 0dBi

Modulation Type: Pulse modulation

The nominal conducted output power specified: -14.00dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -16.15dBm (+/- 3dB)