

## Technical description

Description Function	ion	Component
Antenna	Transmit modulated RF signal	ANTENNA
Filter	Suppression of spurious emissions	L1, C7, C8, C9
RF IC	Generate code signal to modulator	IC
Oscillator	Generate 27.145 MHz carrier	XT, Q1
RF power amplifier and modulator	Modulate the carrier and amplify the modulated RF signal	Q2

Antenna Type: telescope antenna with unique antenna connector

Antenna Gain: 0dBi

Modulation Type: Pulse modulation

The nominal conducted output power specified: -39.00dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -41.15dBm (+/- 3dB)