

Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT1
Filter	Suppression of spurious emissions	L1, C1, C2
RF IC	Generate code signal to modulator	U1
Oscillator	Generate 27.145 MHz carrier	X1, Q2
RF power amplifier and modulator	Modulate the carrier and amplify the modulated RF signal	Q1

Antenna Type: dedicated antenna

Antenna Gain: 0dBi

Modulation Type: Pulse modulation

The nominal conducted output power specified: -48.0dBm (+/- 3dB)

The nominal radiated output power (e.r.p) specified: -50.15dBm (+/- 3dB)