

FCC ID: V9Q-91810F27  
Model: 91811 (Transmitter portion)  
Technical Description of Transmitter

The transmitter operates at 27.145 MHz, and controls the corresponding receiver to move forward, backward, left and right.

The circuit of the transmitter comprises of,

1. An Encoding circuit

Consisting: IC1 (TX2C)

2. Control buttons

Consisting: LEFT, RIGHT, BACKWARD, FORWARD

3. A RF Oscillator (27.145MHz)

Consisting: X1, Q1

4. A Filter Network

Consisting: L3, L4, C3, C7, C8

5. A RF Modulator and Amplifier

Consisting: Q2

6. A Power Supply

Consisting: 3VDC (2 X "1.5V" AA batteries)

Antenna Gain: 0dBi

Nominal rated field strength: 77.5dB $\mu$ V/m at 3m

Maximum allowed field strength of production tolerance: +/- 3dB

The transmitter uses an external and integral antenna.