

FCC ID: OTM15643TX-49
Model: 1026021 (Transmitter portion)
Technical Description of Transmitter

The transmitter operates at 49.86 MHz, and controls the corresponding receiver to move forward, backward and turn right.

The circuit of the transmitter comprises of,

1. An Encoding circuit

Consisting: S1, S2, R1, R2, R4, R5, R6, R7, C5, C6, C7, Q3, Q4

2. A RF Oscillator (49.86MHz)

Consisting: X1, Q2

3. A Filter Network

Consisting: L1, C2,

4. A RF Modulator and Amplifier

Consisting: Q1

5. A Power Supply

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

Antenna Gain: 0dBi

Nominal rated field strength: 69.5dB μ V/m at 3m

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

The transmitter uses an external, integral antenna