

FCC ID: YKGM00NB  
Model: MOON (Transmitter portion)  
Technical Description of Transmitter

The transmitter operates at 49.860 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: K1, K2, K3, K4, TXM-TX-2
2. A RF Oscillator (49.860MHz)  
Consisting: XT
3. A Filter Network  
Consisting: L2, C2, C7
4. A RF Modulator and Amplifier  
Consisting: Q1, Q2
5. A Power Supply  
Consisting: 3.0VDC (2 X 1.5V "AA" battery)

Antenna Gain: 0dBi  
Nominal rated field strength: 69.1dB $\mu$ V/m at 3m  
Maximum allowed field strength of production tolerance: +/- 3dB  
The transmitter uses an external and integral antenna.