

FCC ID: W89-SMARTKID-27

Model: 8801-1

Technical Description of Transmitter

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

The circuit of the transmitter comprises of,

1. An RF Oscillator
Consisting: Y1 (27.145MHz)
2. RF Amplifier and Modulator
Consisting: Q1, Q2
3. Encoder
Consisting: IC1 (SCTX2BS)
4. Filter
Consisting: L1, C1
5. Power Supply
Consisting: Two 1.5V "AA" batteries
6. Charging part
Consisting: Q3, Q4, Q5

The transmitter uses an external, dedicated.

The nominal rated field strength is 67.1dBuV/m @ 3m

Production tolerance of field strength is +/- 3dB

Antenna gain is 0dBi