

FCC ID: O5301208TX27

Model: 01208

Technical Description of Transmitter

The Equipment Under Test (EUT) is a transmitter for toy operating at 27.145 MHz, which is controlled by a crystal and powered by 9.0V battery. There are four switches: Forward and Backward, turn left, turn right

The circuit of the transmitter comprises of,

-Q1, X1 (27.145MHz crystal) and associated circuit act as oscillator

-Q2 and associated circuit act as modulator.

-U2 and associated circuit act as encoder IC.

The transmitter uses an external, integral, non-detachable and telescope-type antenna.

Antenna Gain: 0dBi

Nominal rated field strength: 75.8dB $\mu$ V/m at 3m

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