DESCRIPTION

EMITTER DESCRIPTION

1. Emitter Power Voltage: D.C.9V
2. Frequency: 3.58MHZ
3. Emissive Frequency: 27.145MHZ Modulating manner: AM
4. **Work process:**

While connecting the power switch, R7 and Z1 output power 3.9V steadily to U1 EM789156 (The frequency of U1 is 3.58MHZ). Then, U1 13 outputs two kinds of codes for right-and-left and speed separately, which were modulated by VR1 and VR2 respectively. Q3(945) and crystal Y2(27.145MHZ) produce carrier frequency and transmit the two codes to Q3(945)□T1□C5□C12□L2. After amplified and leached, they were sent out by antenna out to space.

RECEIVER WORKING PROCESS

1- Power voltage: DC 9.6v

2- Receiving Way: Super Revival

3- Signal is input via C1 coupling-in from the antenna, Q1(c380),L1, L2, C23,R23,R1,C3 is resultant into super revival receiver. The received rudder code and speed code coupled via R3,C7,C25 input to second degree amplifier, which is made up by Q2 and Q3, the amplificatory signal is input to the trilby 4 of U1, According to the pulse width of the received rudder code and speed code, U1 is putout different voltage. Rudder code is putout from the trilby 1 and 2 of U1, magnified by Q10~Q15, to control the motor to turn right and left. Speed code is output by Q4~Q9, to control motor to go forward and backward.