1. Circuit description

Q4 Q5 C18 C22 R19 R20 R21 VR4 Q11 Q6 Q7 Q8 VR3 D3 D5 D4 and RC generates code modulation signals which are shaped via Q_{10} Q_3.

Q_2 T_4 X1(26.995MHz) form signal frequency oscillation circuit. A carrier signal of 26.995MHz is amplified via pulse Q_{14} , which drives amplifier Q_1.

A matched network circuit is formed by L_1 C_4 T_2 T_1 and C21 They enable the best coupling state of the high frequency carrier signal and the antenna.

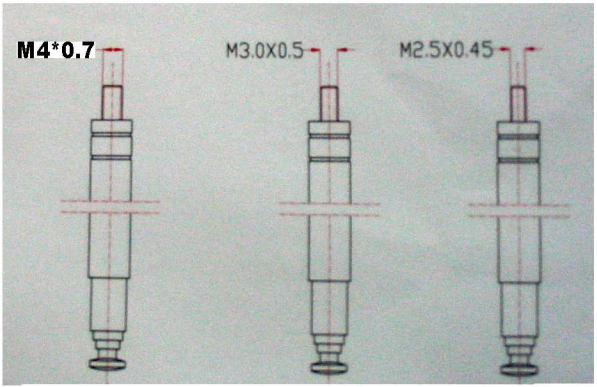
2.Antenna ground and power source.

The antenna consists of a 1.1m long telescopic chrome over brass tubing. There is no external ground connection. The ground is only that of the printed circuit board . Electric current is supplied by 12 Volts Primary storage ceil.

FCC TEST ABOUT 09xx ANTENNA:

The antenna screw of 09XX is of M4x0.7 specifications.This specification of the antenna screw is different from the common specifications found in the market M2.5x0.45 and M3X0.5,which are incompatible.

The antenna fixing nut in the 09XX transmitter is of M4x0.7 specifications.This specification of the transmitter's nut is different from the common specification found in the market M2.5X0.45 and M3X0.5,which are incompatible.



09xx USING ANTENNA	COMMON ANTENNA	COMMON ANTENNA