

## TX Operation Description

The transmitter of My First Scalextric - SCX is powered by 3\*1.5v AAA battery, it has radio frequency 27MHz. While push the left and the right key or the right controller key, car slow headway or full speed headway. Refer to the transmitter circuit design, the circuit description is listed as below :

- X1,Q1,C4,C7,R2,R6,R10,L2 and associate components are acted as local oscillator for modulation.
- Q3,C11,C12,C13,C14,R1,R7R8,L1,L3,L4,L5 and associate components are acted as RF power amplifier.
- U1 and associate components are acted as control signal encoder.