2610S Working Principle

When any of the key of 2610S is pressed, the hardware circuit will control the circuit board to be powered on, the single chip will test the key and compile the corresponding key information to MMCall special code, and output the data with TTL level,at the same time use the high frequency power amplifier. The wave via transfiguration diode, transforming the voltage signal to capacitance, this change through the crystal oscillator-triode three-point oscillation, modulate the data to 2FSK, the frequency as 433.5Mhz high frequency signal(overtone crystal oscillator N times frequency), high frequency signal through sound table filter, filtering the neighboring channels' interference, via high frequency power amplifier, to reach the transmitting power needed, revia band-pass and low-pass filter, filtering the harmonic wave, transmit through the tune antenna.

Finally single chip power off the PA power supply, waiting for the next time transmitting.

Here it's a process of transmitting.