Frequency Alignment Procedure of #630174 Real Shuttle Commander

1. **Transmitter**
   a) Connect the transmitter unit to the DC power supply (+6VDC);
   b) Use the Spectrum Analyzer to monitor the frequency;
   c) Adjust the coil L5 on the PCB unit the frequency reading on the Spectrum Analyzer is 107.7MHz +/-0.05MHz;
   d) Use the wax to seal and fix the coil L5.

2. **Receiver**
   a) Connect the receiver unit to the DC power supply (+4.5VDC);
   b) Use the Sweep Generator to generate a RF signal of 107.7MHz, and connect the speaker output of the receiver unit to the input of the Sweep Generator, there will be a “S” curve display on the Sweep Generator
   c) Adjust the coil L1 to align the center point of the “S” curve on the Sweep Generator to the frequency point of 107.7MHz +/- 0.1MHz;
   d) Use the wax to seal and fix the coil L1.