

HP 00105-6032 REPAIR 1

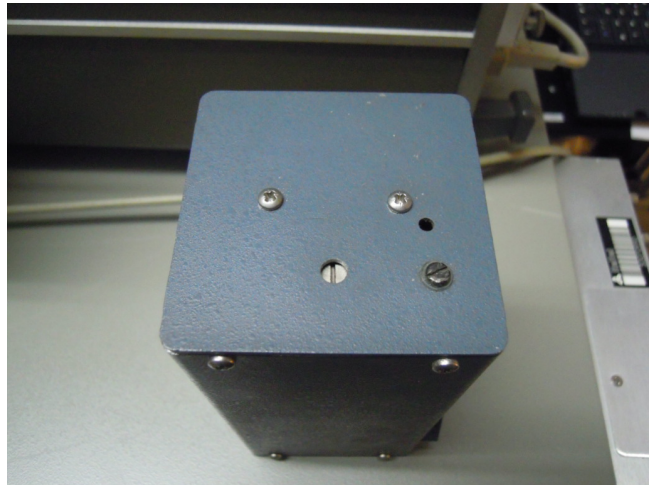
I 've had to repair this OCXO used in early models of the HP5065A. The symptoms were the lack of the RF output of 5 MHz.

The failure was due to lack of power of the oscillator. The 220uH inductance L1, connected between the input of +20 Volts and the oscillator module, was opened. That which pointed me towards a quick solution was the lack of + 15Volts are generated within the oscillator module.

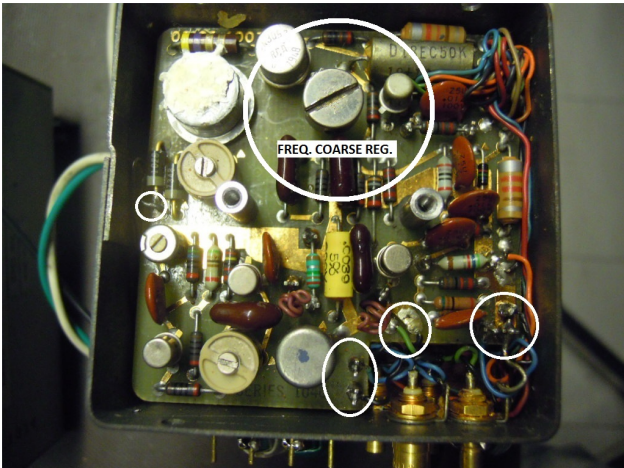
Some pictures help to understand how to disassemble the OCXO.



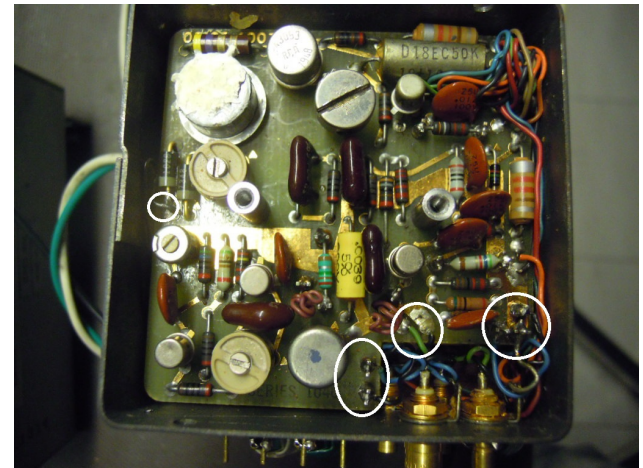
OCXO location



Open this side 6 screws



Remove the top of the coarse regulation



Disconnect these wires

