

### **PD2-TX-100-C Tune-Up Procedure**

The PD2-TX-100-C is calibrated at the factory to the customer requested frequencies (per the purchase order) and nominal 0.1 Watt of RF power at each frequency using a DTC proprietary PC-based programming application and Graphic User Interface (GUI). There are no user-accessible hardware calibration controls.

Within the programming application, there is a calibration function that is password protected (set at factory) that is not visible to the end user. The calibration function allows the factory to establish maximum output limits and frequency spectrum limits in order to prevent the end-user from setting the output power above 0.125 Watts or set the frequency outside the authorized band. The installation and use of the DTC programming application are complex and outside the scope of this document.

In the user mode, the user is able to set the frequency to a resolution of 0.25MHz. The output level can be changed in 0.25dB steps, subject to the maximum constraint as noted above.

There is no method by which the customer can increase the output power over 0.125 Watts, or force the unit to operate outside the advertised limits, or cause a condition that would allow the unit to operate out of the advertised specifications.

Per the requirements of 2.1033 (c) Item (9), the Factory Tune-up Procedure is included in this report.

ATTACHMENT FILE: H25PD2TX100C\_TP1910655REVQ.PDF