

## NX-5300 K5, K6, F5, and F6 only:

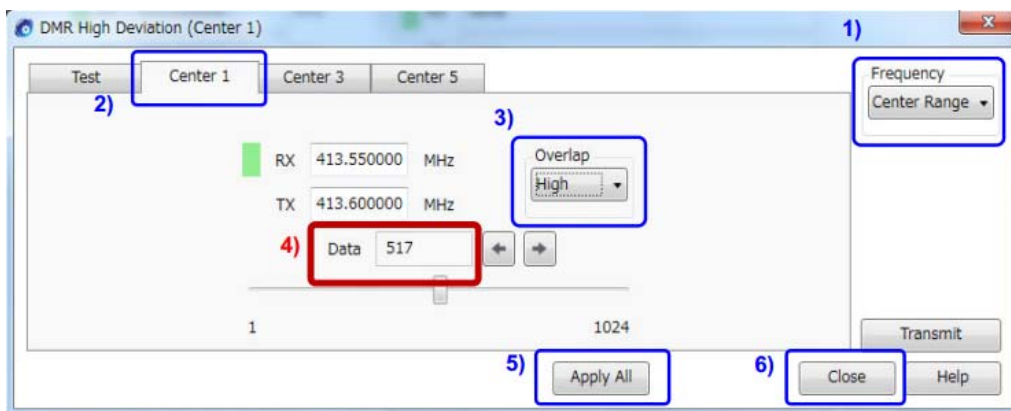
### DMR High Deviation alignment is necessary if the Firmware was upgraded to Version K2.00.00

When upgrading Features to Firmware Version K2.00 Only the DMR High Deviation Test point must be adjusted. This must be done using KPG-D1N Version 2.00 or higher.

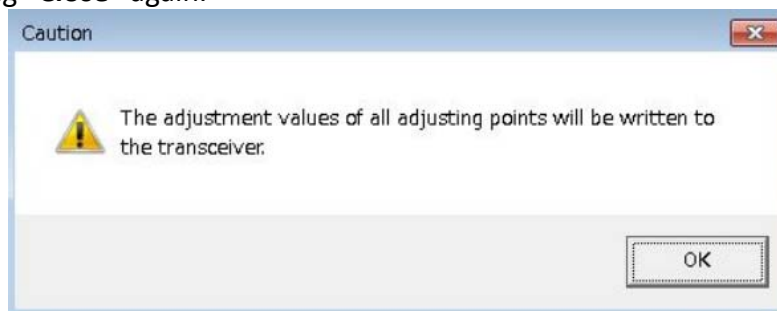
Note - Firmware Versions K2.01 and Higher will not require adjustments to the DMR High Deviation.

The following procedure will explain the adjustment procedure for Firmware Version K2.00:

- A. Connect the NX-5300 to a PC using the KPG-46U or KPG-46X programming cable.
- B. Open KPG-D1N Version 2.00 or later on your PC.
- C. Power on the NX-5300 and execute **Read Data from the Transceiver** from the Program Menu.
- D. Next from the Program Menu execute **Test Mode**.
- E. In the Test Mode Window locate and double click the adjustment item of **“DMR High Deviation”**.
- F. Implement the following steps in the **“DMR High Deviation”** window:

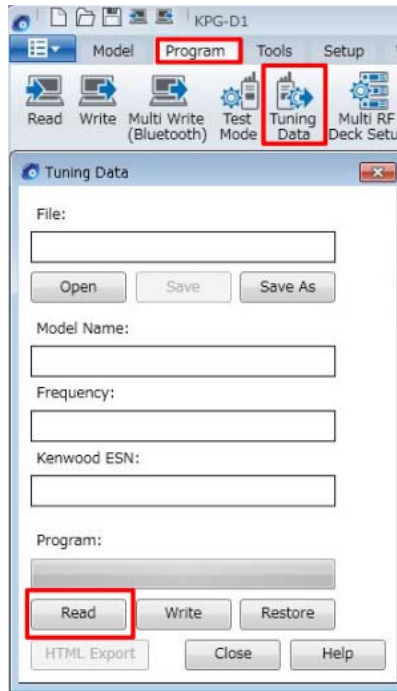


- 1) Select **“Center Range”** from the **Frequency** selection.
- 2) Select the **“Center 1”** tab.
- 3) Select **“High”** on the **Overlap** selection.
- 4) Change (Align) the value of **“Data”** to **“517”** with ← → buttons.
- 5) Click the **“Apply All”** button. A caution window will appear (see below) and click **“OK”**.
- 6) Click the **“Close”** button to go back to the Test Mode Window and then exit Test Mode by pressing **“Close”** again.

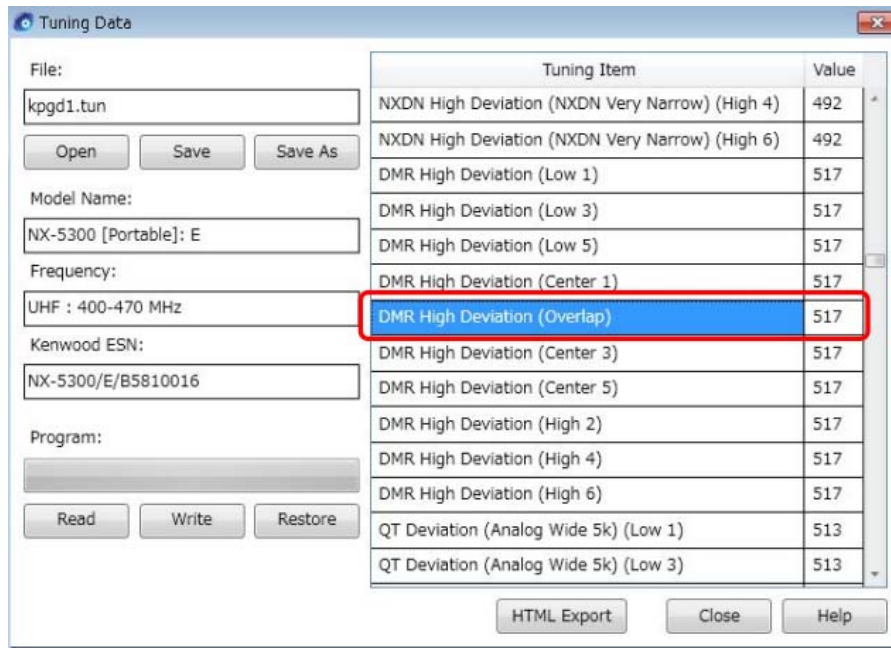


The following steps are to provide confirmation that the data value for “DMR High Deviation” was changed to the correct value. The NX-5300 needs to still be connected to the PC as mentioned previously then execute the following:

- A. In KPG-D1N Version 2.00 or Higher select “Program” then “Tuning Data” and click “Read”.



- B. Once the Read process is completed the following window will appear and from this scroll down the Tuning Items and Verify the “DMR High Deviation(Overlap)” is set to “517”.



The procedure outlined in this bulletin is not authorized for Warranty Compensation.