

Horizon Series Roam Threshold Deviation

Customizing the Roam Threshold Deviation changes the level of hysteresis applied to the roam action. The lower the value of the Roam Threshold Deviation the more often a radio will roam.

1. Access the Horizon's web page using your computer's web browser. Select **Advanced** Tab. From the **Wireless LAN Setting** section, select **WLAN0 Device** (Figure 1) and push the **Next** button.

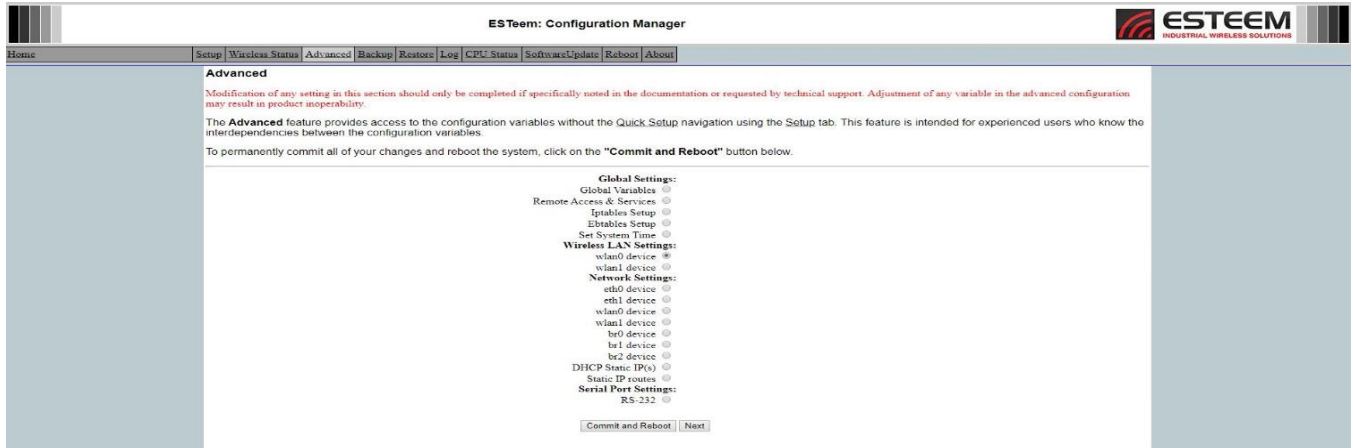


Figure 1: Advanced Screen

2. Select **Advanced Settings** (Figure 2) and push the **Setup** button

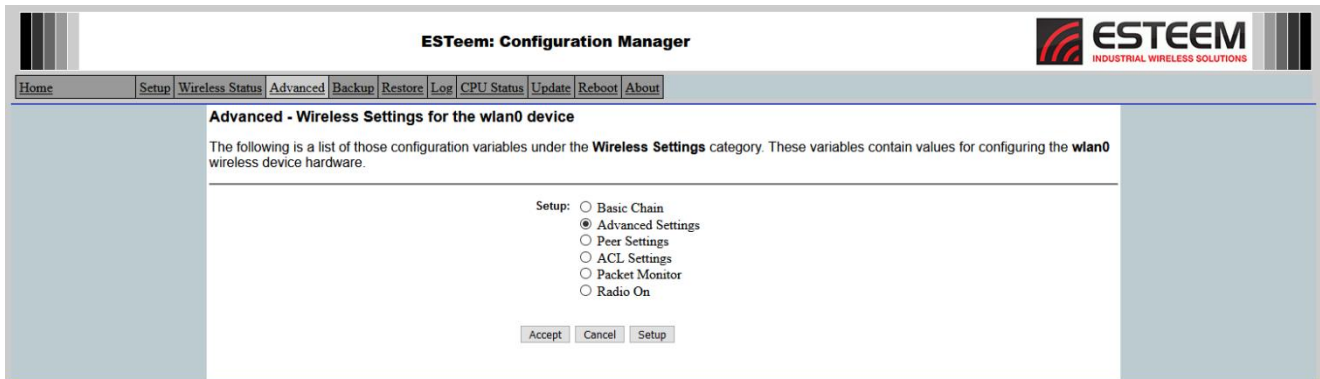
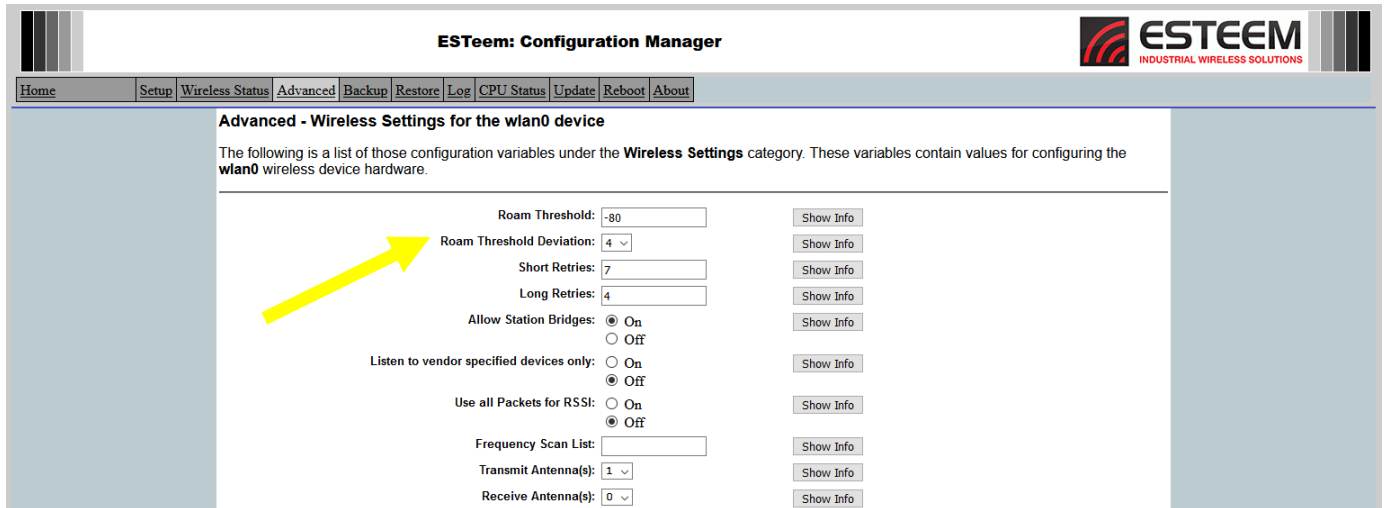


Figure 2: Advanced Settings

3. Change the Roam Threshold Deviation as required at the location indicated by the arrow then scroll down and press **Accept** when done. (Figure 3).



ESTeem: Configuration Manager

Home Setup Wireless Status **Advanced** Backup Restore Log CPU Status Update Reboot About

Advanced - Wireless Settings for the wlan0 device

The following is a list of those configuration variables under the **Wireless Settings** category. These variables contain values for configuring the **wlan0** wireless device hardware.

Roam Threshold:	<input type="text" value="-80"/>	Show Info
Roam Threshold Deviation:	<input type="text" value="4"/>	Show Info
Short Retries:	<input type="text" value="7"/>	Show Info
Long Retries:	<input type="text" value="4"/>	Show Info
Allow Station Bridges:	<input checked="" type="radio"/> On <input type="radio"/> Off	Show Info
Listen to vendor specified devices only:	<input type="radio"/> On <input checked="" type="radio"/> Off	Show Info
Use all Packets for RSSI:	<input type="radio"/> On <input checked="" type="radio"/> Off	Show Info
Frequency Scan List:	<input type="text"/>	Show Info
Transmit Antenna(s):	<input type="text" value="1"/>	Show Info
Receive Antenna(s):	<input type="text" value="0"/>	Show Info

Figure 3: Roam Threshold Deviation

4. Select **Accept** again then **Commit and Reboot**. The radio will then reboot with the new Roam Threshold Deviation settings.