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Increase Wireless Reception

(NP121)

Increasing your wireless reception

If you are experiencing wireless reception drop outs or disconnections, another wireless network or device may be broadcasting on the same wireless channel as your own network.

You can usually resolve this by changing the wireless channel in use on your network.

This guide will take you through the steps required to change the wireless channel in use.

1. Open your web browser and go to the address <http://192.168.20.2>, using **admin** as the username and password.
2. Select **"Wireless"** from the menu on the lefthandside of the page.
3. Select **"Basic"** from top of the page.
4. Make sure **"Auto channel"** is set to **"Disable"**
5. Select a channel at the opposite end of the scale from the one you are currently using. This will mean you avoid any interference you are experiencing on your currently selected channel

The screenshot shows the NetComm Velocity Series web interface. On the left is a blue sidebar with the NetComm logo and navigation links: System, Wizard, **Wireless**, and Tools. The main content area has a green header with 'AP Mode' and a tabbed interface with 'Basic', 'Advanced', 'Security', 'Filter', 'WPS', and 'Client List'. The 'Basic' tab is active, displaying the text 'Basic wireless settings can be configured on the page below.' Below this are several configuration fields: 'Radio' (Enable/Disable), 'Mode' (AP), 'Band' (2.4 GHz (B+G+N)), 'Enable SSID#' (1), 'SSID1' (NP121-2560), 'Auto Channel' (Enable/Disable), and 'Channel' (a dropdown menu). The 'Channel' dropdown is open, showing a list of channels from 1 to 13, with channel 11 highlighted. The 'Auto Channel' field is set to 'Disable'. At the bottom right are 'Apply' and 'Cancel' buttons.

6. Once you have selected your new channel to use (for example: 11), click the **"Apply"** button at the bottom of the page.

If you are still experiencing wireless reception issues, there may be infrastructure (walls, floors, wiring, etc) impeding your wireless signal. Please try moving the wireless device to a position close to your modem / router and try connecting again.