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Increase Wireless Reception

(N3G007W)

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://192.168.123.254>, using the system password of **"admin"**
2. Select **"Wireless"** from the menu on the lefthandside of the page.
3. Make sure **"Auto Select Channel"** is set to **"Disable"**.
4. 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 N3G007W 3G Router with 11g WiFi administrator interface. The 'Wireless Settings' tab is active. The 'Channel' dropdown menu is open, showing a list of channels from 1 to 13, with channel 11 highlighted. The 'Auto Select Channel' option is set to 'Disable'. The 'Save' button is visible at the bottom.

Item	Setting
Wireless	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
WMM Capable	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
SSID	netcomm n3g series
Channel	auto
Auto Select Channel	<input checked="" type="radio"/> Disable
Security	<input checked="" type="radio"/> WPA-PSK
WEP Encryption	<input type="radio"/> 128 bit
Key 1	a1b2c3d4e5
Key 2	
Key 3	
Key 4	

5(64 bit) or 13(128 bit) ascii characters eg: passwd or thisisapasswd
10(64 bit) or 26(128 bit) hexadecimal characters eg: 0123456789 or 01234567890123456789012345

5. Once you have selected your new channel to use (for example: 11), click the **"Save"** 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.