# Increase Wireless Reception

(3G21WB)

# 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. Navigate to http://10.0.0.138 in a web browser.

2. Enter '**admin**' as both the username and the password and click Ok.

3. Mouse over '**Wifi**' and select '**Configuration**'.

4. Check the current channel used and select a different channel number. Where possible use a channel at the opposite end of the scale. For example if the current channel used is channel 11 try using channel 1 or 2.



**BIGPOND ELITE™ WIRELESS BROADBAND NETWORK GATEWAY**

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**Wi-Fi > Configuration**

This page allows you to configure advanced features of the wireless LAN interface. You can select a particular channel on which to operate, force the transmission rate to a particular speed, set the fragmentation threshold, set the RTS threshold, set the wakeup interval for clients in power-save mode, set the beacon interval for the access point, set XPress mode and set whether short or long preambles are used.
Click "Apply/Save" to configure the advanced wireless options.

Band: 2.4GHz
Channel: Auto          Current: 11
Auto
1
2          Both Bands   Current: 20MHz
3                        Current: None
4
5
6
7
8
9
10
11

Auto Channel Timer(min)
802.11n/EWC:
Bandwidth:
Control Sideband:
802.11n Rate:
802.11n Protection:
Support 802.11n Client Only:
54g™ Rate:
Multicast Rate:
Basic Rate:
Fragmentation Threshold: 2346
RTS Threshold: 2347
DTIM Interval: 1
Beacon Interval: 100
Global Max Clients: 16
XPress™ Technology: Disabled
Transmit Power: 100%

Apply/Save

5. Press **Apply/Save**.

6. Having made changes to the settings of your 3G21WB router by changing the wireless channel you will need to reconnect any wireless devices connected to the 3G21WB using the new wireless settings.  You will need to remove the stored settings of the SSID (network name) on your computer that has the previous channel settings stored and then reconnect to the router using the new settings broadcast by the router. Please see the 3G21WB Wireless Setup Guide if you need instructions to do this.

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.