Wi-Fi Automatic Channel Selection Guide
Wi-Fi Automatic Channel Selection

In the new firmware a change has been made to allow the router to change the channel without a reboot, however it will only do so when there is either no or next to no usage over Wi-Fi. You can also start a manual scan and change but this will drop ALL Wi-Fi connected devices at that point.

This feature is disabled by default and can be turned on via the WEB GUI.
1. Enter [http://192.168.1.1/](http://192.168.1.1/) into your browser whilst you are connected to your Vodafone Home Broadband.

2. The password to login is **vodafone**
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The new option can be found in “Expert Mode” under “Wi-Fi” then settings on the left.
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Under 2.4 GHz and 5GHz you will see two extra options:

- Update Channel, as a click box
- Periodic Autoscan, as a drop down box
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<table>
<thead>
<tr>
<th>WiFi Mode</th>
<th>Mixed 802.11b/g/n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth</td>
<td>20MHz</td>
</tr>
<tr>
<td>Channel</td>
<td>1</td>
</tr>
</tbody>
</table>

If the “Channel” drop down is not set to “Auto” the new options will not show as they only apply in Auto mode when the router is making the channel choice.
**Wi-Fi Automatic Channel Selection**

You will see the extra options, including the current channel the router has selected.

The Autoscan is Off by default.

When the “Update Channel” button is pressed the router will perform a scan for congestion then change the channel to a free one if needed.

If the channel changes ALL connected devices will drop and reconnect. 2.4GHz and 5GHz are done independently. So updating 2.4GHz will not drop 5GHz and vice versa.

<table>
<thead>
<tr>
<th>Channel</th>
<th>Auto</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Channel</td>
<td>6</td>
</tr>
<tr>
<td>Update Channel</td>
<td></td>
</tr>
<tr>
<td>Periodic Autoscan</td>
<td>Off</td>
</tr>
<tr>
<td>Current Channel</td>
<td>11</td>
</tr>
<tr>
<td>Update Channel</td>
<td></td>
</tr>
<tr>
<td>Channel</td>
<td>Auto</td>
</tr>
<tr>
<td>Current Channel</td>
<td></td>
</tr>
</tbody>
</table>
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If you would like to leave the router to manage the channel changing then you’ll need to use the “Periodic Autoscan” drop down to select a time interval.

Scan interval times can be seen here.
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Any interval selected will be triggered that many minutes from the moment you click the page “Apply” button. So with the above 60 minutes after clicking apply (and every 60 minutes beyond) the router will scan for local congestion and look to change the channel if needed.

Again this option is independent for 2.4GHz and 5GHz, so if you would like both to auto scan it needs applying to both in Wi-Fi settings.

It’s important to note that connect devices will drop and reconnect when the channel is changed. The router however, will look at the level of traffic over the Wi-Fi and will ONLY change the channel if this is low or none if seen. Meaning if you are using the Wi-Fi for anything then the router will NOT change the channel as it will see traffic.
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This feature is useful if you are living in busy Wi-Fi areas and may not have the ability to use an app to scan for yourself.

Notes:

• The router by default has this feature off.

• You can manually start a channel update but ALL devices connected to that band (2.4/5GHz) will be dropped and reconnect if the channel changes. If the router sees the current channel is not congested no change will be made.

• With the Periodic Autoscan enabled you can still start a manual update.

• The router will still NOT change the channel automatically if the Wi-Fi band is in use.