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**Increase Wireless Reception**  
(NB5580W)

## 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://192.168.1.1>, using **admin** as the username and password.
2. In the **"Wireless"** section of the **"OnePage Setup"** page, 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

**Main Menu**

- OnePage Setup

**Advanced Function**

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- VPN Settings
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- Access Control
- Port Forward / UPnP
- Special Application
- DMZ Host
- Dynamic Routing
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- Wireless
- DDNS

**Management**

- Device Admin
- Status Monitor
- Log
- Backup & Restore
- Upgrade Firmware
- Diagnostic Ping/Tracer

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**Host Name:**  (Required by some ISPs)

**Domain Name:**  (Required by some ISPs)

**Time Zone:** (GMT+10:00) Canberra, Melbourne, Sydney

**Private IP Address** (MAC Address: 00-60-64-04-36-21)

**Device IP Address:** 192 168 1 1

**Subnet Mask:** 255.255.255.0

**Wireless** (MAC Address: 00-01-36-09-5C-C0)

☒ Enable ☐ Disable

**SSID:** wireless

**SSID Broadcast:** ☒ Allow ☐ Disallow

**Channel:** 9 (Domain: Europe / Australia)

**Wireless Security:** ☒ WPA-PSK ☐ WPA2-PSK ☐ WPA-Enterprise ☐ WPA2-Enterprise ☐ WEP ☐ Disable [Setting](#)

**VC Settings**

**VPI:**

**VCI:**

**Operation Mode:**

**ADSL Connection Type**

☒ Fixed IP ☒ Dynamic IP

**Service Name:**

**User Name:**

**Password:**

☒ Connect on Demand: Max Idle Time 5 Min.

☐ Keep Alive: Redial Period 30 Sec.

[Apply](#) [Cancel](#)

3. Once you have selected your new channel to use (for example: 9), 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.