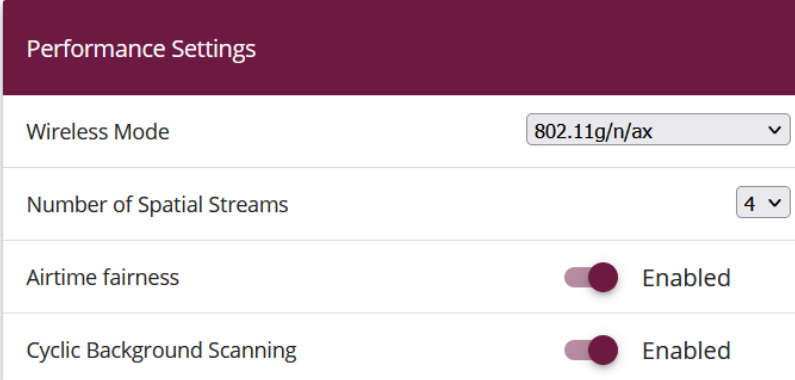


## Notes on operating bintec elmeg Wi-Fi 6 access points on the WLAN controller

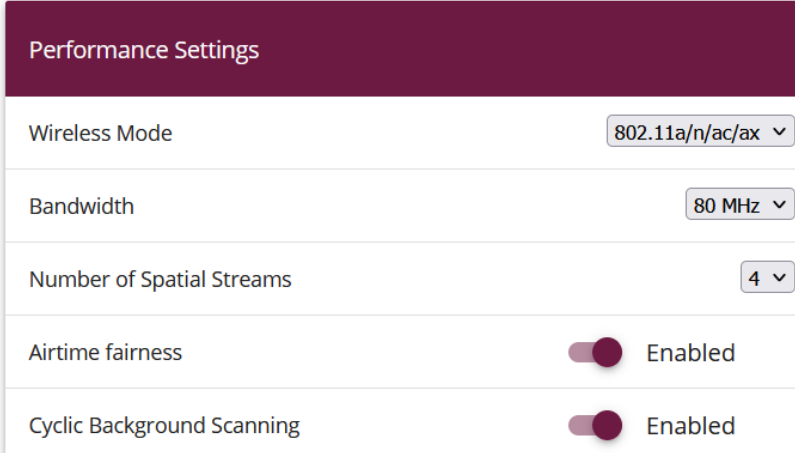
If you want to manage a bintec elmeg Wi-Fi 6 access point (W2022ax, W2044ax) with the WLAN controller, some requirements must be met.

- The bintec router or the be.IP used as WLAN controller must be operated with system software release 10.2.9 or later.
- Mixed operation of Wi-Fi 6 access points together with older access points (W1003n, W2003ac, W2022ac, ... ) is possible. The access points W2022ac and W2022ac-ext require release 2.4.3.4 or newer for this.
- The radio profiles of the WLAN controller may have to be adapted for 2.4GHz and for 5GHz:
  - In the 2.4 GHz profile, the **Wireless Mode** must be set to **802.11g/n/ax** and the **Number of Spatial Streams** must be set to 4:



Performance Settings	
Wireless Mode	802.11g/n/ax
Number of Spatial Streams	4
Airtime fairness	<input checked="" type="checkbox"/> Enabled
Cyclic Background Scanning	<input checked="" type="checkbox"/> Enabled

- In the 5 GHz profile, the **Wireless Mode** must be set to **802.11a/n/ac/ax**, the **Number of Spatial Streams** must be set to 4:



Performance Settings	
Wireless Mode	802.11a/n/ac/ax
Bandwidth	80 MHz
Number of Spatial Streams	4
Airtime fairness	<input checked="" type="checkbox"/> Enabled
Cyclic Background Scanning	<input checked="" type="checkbox"/> Enabled

In addition, in the **Frequency Settings**, the **Channel Plan** value must

be set to *No weather radar channels*:

Frequency Settings

Channel Plan  ▼  
(36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 132, 136, 140)