



## Sharing The 5Ghz Band

As many of you know, we deliver your internet service primarily on the license free 5Ghz band. Most new home routers are “DualBand” meaning that they broadcast both on the 2.4Ghz band and the 5Ghz band.

Unfortunately, these routers out of the box broadcast a 5Ghz signal that is 80Mhz to 160Mhz wide which will interfere with the SDWISP signal coming to your home, resulting with a bad internet experience for you and the neighbors. (This is 4 to 8 times more spectrum than is needed, SDWISP uses 20Mhz to deliver your internet)

We are asking for your help in preserving the 5Ghz spectrum by down tuning the 5Ghz band on your home router. SDWISP reserves channel 36(5180Ghz) for customers and we ask that you select the 20Mhz channel width (some routers change the channel width by lowering the data rate) to help keep interference to a minimum.

As more and more people install wireless equipment that has not been down tuned from the factory settings, it makes it very difficult to deliver quality internet service to you and your neighbors. Please do your part by either down tuning your 5G wireless equipment, or by simply turning off the 5Ghz frequency and just use the 2.4Ghz band for your Wi-Fi needs as SDWISP is not on the 2.4Ghz. The benefits of 2.4ghz is it will provide better coverage in your house and speeds up to 60mbps.

We appreciate your help as we strive very hard to provide the best internet possible and interference is our biggest obstacle.

Thank you

SDWISP Support Team

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