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Dear FCC,

My name is John Weiss and I live in Hopewell Junc., NY.

The principles of user choice and control are vitally important for a vibrant wireless ecosystem. But as written, the NPRM threatens to undermine these ideals by limiting what users can do with their devices. That's a concern, because I want to be able to update my own wireless software?not rely on slow manufacturers shipping updates.

The draft rules could enable device manufacturers to forbid third-party software, which would keep me from using my custom wireless configuration.

I've been using custom firmwares on my wireless routers for well over 10 years now. I originally did so to take advantage of advanced network monitoring features (SNMP), something that the router manufacturers. do not now and NEVER will provided in their firmware. I've used these monitoring features to diagnose problems in my home network, but to assist my internet provider find damaged wiring in my neighborhood (chewed on by mice, actually). None of this would be possible with the manufacturer-provided firmware.

I have also used capabilities of custom wireless router firmware to increase the security of my wireless network. I would completely lose all of that added security if the NPRM passes.

Lastly, I fail to see any need for this new regulation. There are only 2 or 3 Open-source router firmware projects. They all try to comply with FCC regulation that exists today. Furthermore, the FCC could just as easily require the Manufacturers to use only radio-chipsets that are restricted to certain frequencies. The router manufacturers then only need to produce 2 different models, one for the US market and the other for global distribution --- otherwise identical except for a single chip. This would place only a small inconvenience on the router manufacturers rather than a large burden on the consumers who want the added security that open-source firmwares provide.

Sincerely,

John Weiss