

I support the Petition.

I believe any modem that has a variable bandwidth (any variable bandwidth), should not be allowed on frequencies below 28 MHz, unless they can determine algorithmically that the frequencies that it is expanding to, are not in use by any authorized mode.

I would also like to counter the claim that modem owners will have lost investment, if this petition were to pass. This is incorrect. The modems that have a variable bandwidth algorithm are all written in software, and the firmware can be easily upgraded.

I've operated wide-band modems for years, and while the dream of data throughput was exciting, the facts are that modems that operate in 2.4 kHz of bandwidth are very tempermental. They don't propagate as well as the four color advertisement would allude, and finding 2.4 kHz to operate in is fleeting. They are bandwidth pigs, that offer very little in advanced or even emergency communications.

Respectfully Submitted,
Steve Sampson, K5OKC