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My name is Nick Harris, I am a production sound mixer and utility/second sound assistant in Chicago, IL

My work spans corporate industrials, political ads, commercials and major television shows such as NBC's Chicago Fire, Chicago PD, USA's Sirens, and Fox's Empire, and I can speak for all in saying that this filing raises concern in its potential limitations of UHF wireless output to 50mw.

Every production I am on defaults its UHF wireless transmitters to 100mw, this is essential for maintaining signal through set walls and at regular distances that are an everyday obstacle during these shows productions. Often we set them to 250mw to deal with long distances and RF blocking materials.

To limit this would make many production situations impossible to record wirelessly, such as the frequent driving scenes where wireless signal must penetrate a vehicle. Sound has been increasingly marginalized in the fast paced, multi-camera television production environment, where there is no time or resources to work with wired microphones anymore. To force this upon sound engineers would not only affect us, but the entire film and television business.