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Broadcasting LED Flashing Lights

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Draft To: dro@fcc.gov

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Dear FCC,

I have a federally recognized disability called Autism Spectrum Disorder. This means that I am sensitive to light and sound. The switch to LED lights, and especially LED flashing lights, has made my life nearly unlivable. LED flashing lights are dangerous for my nervous system and may cause me to have a panic attack severe enough to be taken to the hospital.

Here are two examples of where live TV stations are broadcasting rapidly flashing LED lights that cause panic attacks, epileptic seizures, migraines, and other negative neurological reactions.

1) The NBA arenas now use LED flashing strobe lights at nearly all games. When these LED flashing strobe lights are broadcast, the impact on the viewer is possible life-threatening injury. I find them unbearable and fear that I will suffer a panic attack.

2) The TV news stations often broadcast the LED flashing lights from police cars. Viewing these rapidly flashing/strobing LED lights will certainly cause epileptic seizures.

There is no way to keep the public safe from viewing these LED flashing lights other than to prohibit broadcasters from showing them to the viewer. This is an official request that the FCC research the connection between the peak luminance and flash rate of LED lights and their impacts on those with disabilities. LED flashing lights may now be as high as 100,000,000 nits of peak luminance, and the 10 times per second flash rate, and the multiple emitters shown at once will interfere with the human nervous system.

As a result of the report, the FCC must prohibit the broadcasting of LED flashing lights to protect public safety.

Sincerely,

Mark Baker
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