

FCC Docket 11-109

Greetings,

I am a fourth generation corn and soybean farmer from northwestern Iowa who uses GPS and auto guidance in my farming operation. I can't express how concerned I am about the damage the Light Squared system will cause me and farmers like me.

I use no-till and indexed farming systems. With accurate GPS guided equipment, I can precision place fertilizer in strips such that my corn crop rows effectively capture the nutrients. Accurate GPS auto steering allows me to place the crop row correctly in index with the fertilizer. This reduces my environmental footprint.

With accurate GPS, I am able to plant with an efficient sized planter yet still get work done by operating past daylight hours. Unreliable GPS due to degraded signals would limit me in this respect. Owning larger equipment will cost me money.

Having to change GPS equipment to deal with interference from the Light Squared system will cost me tens of thousands of dollars. I feel like I am here first. I was a user of the L1 and L2 bands long before Light Squared existed. It is not fair to place the burden of proving damage on those of us who have been using those frequencies first.

Light Squared should not be allowed to build their system and degrade the bands that current users find critical in their everyday business.

Sincerely,

Thomas E. Oswald

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