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Received & Inspected

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FCC Mail Room

Julius Genachowski
Chairman
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Dear Chairman Genachowski:

I am writing in regards to FCC File No. SAT-MOD-20101118-00239, which would cause interference with the frequencies used by Global Positioning Systems (GPS) transmitters and receivers. These potentially affected GPS receivers are used by millions of people for navigation, public safety, emergency response and management, as well as recreation.

In January, the FCC granted a conditional waiver to LightSquared, a company that intends to provide wholesale mobile broadband services. LightSquared has radio spectrum licenses for use in communications satellites and now intends to install up to 40,000 high-powered, land-based transmitters that broadcast in the same band that its communications satellite channels now use. Unfortunately, this section of the spectrum, referred to as the L-band, is immediately adjacent to the section of the L-band used by GPS, and could cause detrimental interference to GPS receivers.

GPS has served us well for the last 30 years, in part because nearby frequencies have been preserved solely for space-to-earth communications. Protection of the GPS service for all users has to be the number-one priority in the FCC process. I urge the FCC to stop from issuing a Final Order in favor of LightSquared and prevent repurposing of the section of the L-band immediately adjacent to that used by GPS.

Thank you for your support.

Sincerely,



Ryan Smrha