

March 31, 2023

VIA ECFS

Chairwoman Jessica Rosenworcel
Federal Communications Commission
45 L Street NE
Washington, DC 20554

Re: Unlicensed Use of the 6 GHz Band, ET Docket No. 18-295; Expanding Flexible Use in Mid-Band Spectrum Between 3.7 and 24 GHz, GN Docket No. 17-183

Dear Chairwoman Rosenworcel:

The undersigned parties, representing incumbent public safety, critical infrastructure (“CII”), and other enterprise licensees, provide this *ex parte* filing detailing the concrete steps that the Commission can take to protect fixed operations from harmful interference from unlicensed use of the 6 GHz band. Incumbent public safety, CII, and other enterprise licensees are not opposed to sharing the 6 GHz band with unlicensed devices, but such sharing requires the proper protections to prevent harmful interference from unlicensed use.

Collectively and individually, incumbent licensees have made numerous good-faith filings seeking the Commission’s assistance in ensuring the integrity of crucial microwave links operated by primary incumbent users, and we remain committed to assisting the Commission to find the best path forward. New documented information has been provided on the record since the Commission’s initial decision that suggest the following actions are necessary for coexistence in the 6 GHz band:

- Action on the longstanding petition for rulemaking, including cost recovery for incumbent licensees in the 6 GHz band, an issue which has not been examined as part of this proceeding;
- Improvements in interference detection, identification, reporting, tracking, and elimination for the 6 GHz band, including the creation of a centralized interference reporting point that is publicly available;
- Public comment opportunity on extending the Automated Frequency Coordination (“AFC”) requirements to *all* uses of the 6 GHz band to support the interference detection, identification, reporting, tracking, and elimination process;
- Sufficient time provided for review and completion of real-world testing of AFC systems before implementation;
- Tolling of additional rule changes for unlicensed use of the 6 GHz band until AFC systems are deployed and demonstrated to work under existing rules;
- Real-world testing and measurements of existing Wi-Fi 6E systems and other planned unlicensed devices (with Commission participation);

- Publication of all simulation information (not just inputs/outputs) to allow all stakeholders an opportunity to fully understand and confirm modeling of the interference environment; and
- Provision of solutions to protect incumbent systems operating pursuant to emergency special temporary authority from AFC-governed standard power devices.

By taking these actions, the Commission can assure incumbents that their vitally important systems will be protected from harmful interference while simultaneously allowing use of the 6 GHz band by unlicensed devices. This approach would allow the Commission to move forward in a thoughtful, fully transparent, and technically sound way, and it would form a basis for future efforts to share spectrum among different users.

We look forward to discussing these actions in greater detail and will reach out to schedule meetings for that purpose.

Respectfully submitted,

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