

CCIA Feedback on the EU's Positions for WRC-27

Modernising Power Limits for GSO-NGSO Spectrum Sharing

The Computer & Communications Industry Association (CCIA Europe) and CCIA's Space & Spectrum Policy Center welcome the opportunity to provide feedback to the European Commission's [consultation](#) to develop a common EU position for the upcoming World Radiocommunication Conference 2027 (WRC-27).

We applaud the Commission's proactive and inclusive approach to collecting stakeholder feedback ahead of the conference, which will help shape the rules that govern the global use of radio spectrum and satellite orbits.

CCIA's Research Center released a [report](#) in April 2026 that details the technical merits of updating the Equivalent Power Flux Density (EPFD) limits between geostationary orbit (GSO) satellites and non-geostationary orbit (NGSO) satellites.

In particular, the report demonstrates that modern NGSO satellite systems can safely coexist with GSO networks under significantly more flexible interference limits. This finding calls into question the International Telecommunication Union (ITU) framework currently governing EPFD rules. While originally designed to protect GSO systems, today these rules impose substantial and unnecessary costs on next-generation satellite operators, limiting the efficacy of low-Earth-orbit (LEO) telecommunications without delivering meaningful additional protection.

This is particularly relevant for smaller constellations such as IRIS², as the current EPFD protection criteria limit the number of satellite beams that can simultaneously serve any given location using the same frequencies. The current criteria also restrict spectrum reuse and capacity by eliminating the use of satellites even when they are well outside the GSO arc. This forces NGSO operators to launch more satellites in additional orbital planes to avoid service discontinuities, significantly raising the financial barriers to market entry. Updating the EPFD limits would enable smaller operators to enter the market to provide greater competition and address a wider range of end-users.

CCIA Europe and the Space & Spectrum Policy Center support an update of the EPFD rules in the context of the upcoming WRC-27. Modernising this framework will allow for rules that reflect the latest technological advancements, as detailed in the report we are submitting as an integral part of our consultation response.

We urge the European Commission to champion such an update to ensure new rules can support advancement in this field.

About CCIA Europe

The Computer & Communications Industry Association (CCIA) is an international, not-for-profit association representing a broad cross section of computer, communications, and internet industry firms.

As an advocate for a thriving European digital economy, CCIA Europe has been actively contributing to EU policy making since 2009. CCIA's Brussels-based team seeks to improve understanding of our industry and share the tech sector's collective expertise, with a view to fostering balanced and well-informed policy making in Europe.

Visit ccianet.eu, x.com/CCIAEurope, or linkedin.com/showcase/cciaeurope to learn more.

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About CCIA's Space & Spectrum Policy Center

CCIA's Space & Spectrum Policy Center champions sensible policies that foster the growth of the satellite broadband industry. Recognising the transformative power of low earth orbit (LEO) constellations to connect people and the critical importance of spectrum as a finite resource, we advocate for regulatory frameworks that encourage deployment, competition, and innovation.

CCIA aims to ensure that satellite broadband can reach underserved and remote regions while maintaining high performance and reliability. Our growing partnerships across government and industry help shape global policy debates and enable a resilient, connected future.

Visit [CCIA Space & Spectrum Policy Center](https://ccianet.org/space-spectrum-policy-center) to learn more.

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