

I am writing in reference to proceeding RM-9740, which deals with unwanted emissions from satellites. These emissions threaten the ability of radio astronomers to carry out scientific research using the portion of the electromagnetic spectrum that has been allocated to them. The radio astronomy bands are an important scientific resource, and the ability to make good use of this resource is vital to the continued exploration of the universe by this technique.

It is important to note that radio astronomers do not seek exclusive use of the spectrum. We only seek careful management that will allow all users to make good the best use of their spectrum allocation. Accordingly, we support the guidelines provided by the Radio Communication Sector of the International Telecommunications Union for regulating emissions in the radio astronomy bands. Specifically, the unwanted emissions should not exceed the levels listed in ITU-R RA.769. I hope that the FCC will follow this regulation as their guideline in any modification to section 25.202(f) of the Commission's Rules.