

I urge the FCC not to change the rules governing spurious emissions from satellites and satellite networks. The proposed changes will restrict research in radioastronomy and, ultimately, will reduce mankind's ability to learn about the universe we're a part of.

Mankind's windows to our universe include regions of the optical and radio spectrum. The immense dimensions of the universe means cosmic information comes primarily as electromagnetic information through these windows. We can't go there.

The encroachment of out-of-band and spurious radio emission from satellites reduces these windows, thereby limiting even more mankind's ability to explore our universe.

Furthermore, these spurious emissions are avoidable by carefully engineering the satellite transmission systems. Their occurrence is due to carelessness and, perhaps, an unneighborly and cavalier attitude toward adjacent spectral services.

Please disallow these changes. Short-term expediency is simply too expensive in terms of mankind's ability to explore the universe in which we live.

Sincerely,

Mark A. Gordon