

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)	
)	ET- Docket No. 01-278
Review of Part 15 and other Parts of the)	RM-9375
Commission’s Rules)	RM-10051
)	

REPLY COMMENTS OF SIRIUS SATELLITE RADIO INC.

Sirius Satellite Radio Inc. (“Sirius”), through its attorneys, hereby offers the following Reply Comments on the Notice of Proposed Rulemaking and Order (“Notice of Proposed Rulemaking”) in this proceeding.¹

In response to the Commission’s Notice of Proposed Rulemaking, XM filed comments requesting that the Commission update the limits on out-of-band emissions from unlicensed devices to protect satellite digital audio radio service (“SDARS”) customers.² Specifically, XM urged the Commission to adopt an out-of-band emission limit into the 2320-2345 MHz band (“SDARS band”) of no more than 18 $\mu\text{V}/\text{m}$ at 3m measured in a 2 MHz bandwidth for all unlicensed devices operating exclusively inside of vehicles and 8.6 $\mu\text{V}/\text{m}$ at 3m measured in a 1 MHz interval for unlicensed devices operating in all other environments.³ Sirius fully supports XM’s recommendations. As Sirius noted in its Comments⁴ and its Petition for Rulemaking,⁵ the current out-of-band emissions limit does not sufficiently protect SDARS receivers from interference by unlicensed devices, and if the limit is not increased, the

¹ *In the Matter of Review of Part 15 and Other Parts of the Commission’s Rules*, Notice of Proposed Rulemaking and Order, FCC 01-290 (rel. Oct. 15, 2001).

² Comments of XM, ET Docket No. 01-278, RM-9375, RM-10051 (filed Feb. 12, 2002).

³ *Id.* at 1.

⁴ Comments of Sirius Satellite Radio Inc. (filed Feb. 12, 2002).

deployment and quality of advanced digital audio radio services may be significantly compromised.

Satellite providers operating in other frequency bands also have joined Sirius and XM in requesting that the Commission more generally address the insufficiency of the current out-of-band emission limits in protecting satellite operators from potential interference caused by unlicensed devices. Sirius appreciates the support of the Satellite Industry Association and SES Americom in urging the Commission to revisit this important issue.

For the reasons stated above, and given the support of other satellite providers operating in bands outside of the SDARS band, Sirius urges, as it did in its Petition for Rulemaking, that the Commission either broaden the scope of this proceeding, or initiate a separate proceeding, to ensure that SDARS receivers and other satellite services are protected from interference by unlicensed Part 15 and Part 18 devices.

Respectfully submitted,

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⁵ Petition for Rulemaking, filed by Sirius Satellite Radio Inc. (dated Jan. 23, 2002).

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