

**SIRIUS SATELLITE RADIO INC.**  
1221 Avenue of the Americas, 36<sup>th</sup> Floor  
New York, NY 10020

**XM RADIO INC.**  
1500 Eckington Place, NE  
Washington, DC 20002

**Filed Electronically**

May 23, 2008

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

**Re: IB Docket No. 95-91, WT Docket No. 07-293, GEN. Docket No. 90-357,  
RM No. 8610**

Dear Ms. Dortch:

On May 23, 2008, James Blitz of XM Radio Inc. ("XM"), Alan Pate of Sirius Satellite Radio Inc. ("Sirius"), Robert Pettit, Carl Frank and Michael Lewis (consultant) of Wiley Rein LLP, counsel for Sirius, and Peter Rohrbach of Hogan & Hartson LLP, counsel for XM, met with Renee Crittendon, legal advisor to Commissioner Jonathan Adelstein, and separately with Bruce Gottlieb, legal advisor to Commissioner Michael Copps. The points made by XM and Sirius during the course of the meetings are reflected in their earlier filings in the dockets and in the attached. In particular, XM and Sirius discussed how data from a joint testing program, supervised by the staff, would further resolve technical issues and expedite completion of these dockets.

Sincerely,

*/s/ Patrick L. Donnelly*  
Patrick L. Donnelly  
Executive Vice President, General Counsel  
& Secretary  
Sirius Satellite Radio Inc.  
1221 Avenue of the Americas, 36<sup>th</sup> Floor  
New York, NY 10020  
(212) 584-5100

*/s/ James S. Blitz*  
James S. Blitz  
Vice President, Regulatory Counsel  
XM Radio Inc.  
1500 Eckington Place, NE  
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(202) 380-4000

cc: Bruce Gottlieb  
Renne Crittendon



## SATELLITE RADIO AND WCS: THE GULF BETWEEN

<b>ISSUE</b>		<b>SATELLITE RADIO</b>	<b>WCS</b>
<b>OVERLOAD INTERFERENCE</b>	<b>Measurement Data</b>	A satellite radio receiver experiences muting from a 250 mw WCS device at distances between 55 and 128 feet (17 and 39 meters).	No muting is experienced by a satellite radio receiver at distances greater than 13 feet (less than 4 meters) from a 250 milliwatt WCS device.
	<b>Proposal for Control</b>	Limit WCS mobile devices to power levels between 1 mw and 10 mw.	Allow WCS mobile devices up to 2 W.
<b>OUT-OF-BAND EMISSIONS INTERFERENCE</b>	<b>Measurement Data</b>	Using the mask proposed by the WCS Coalition, a 250 mw WCS device increases the satellite radio noise floor by 1 db at more than 860 meters.	A satellite radio receiver would experience no impairment from WCS devices operating at the proposed OOB levels.
	<b>Proposal for Control</b>	Relax OOB mask to $103 + 10 \log(P)$ on condition that mobile power limits described above are also adopted.	Relax OOB mask to $55 + 10 \log(P)$ .
<b>SERVICE FROM EXISTING REPEATERS</b>	<b>Data</b>	Current networks do not interfere with WCS operations.	Satellite radio claims regarding interference and expenses related to new repeaters are overstated.
	<b>Proposal</b>	Adopt ground based limits based on -35 dBm.	Require satellite radio terrestrial repeaters to reduce power to 2000 watts average power.