



SatCom Law LLC  
1317 F St. NW, Suite 400  
Washington, D.C. 20004  
T 202.599.0975  
[www.satcomlaw.com](http://www.satcomlaw.com)

September 4, 2020

**Objection of Sirius XM Radio Inc. to 3G Wireless Request for  
Experimental Special Temporary Authority, File No. 1254-EX-ST-2020**

Sirius XM Radio Inc. ("Sirius XM"), the licensed provider of Satellite Digital Audio Radio Service ("SDARS") in the 2320-2345 MHz frequencies requests that the Commission revoke or modify the Special Temporary Authority ("STA") granted to 3G Wireless, LLC ("3G Wireless") in the above-referenced proceeding. Because the STA authorizes operations to commence today, Sirius XM seeks expedited action on this request.

Sirius XM has analyzed the operations planned by 3G Wireless and is concerned that they will cause harmful interference to subscribers' reception of the Sirius XM signal. Sirius XM raised its concerns directly with 3G Wireless in an attempt to reach a mutually acceptable resolution, reaching out initially on August 24. After simply ignoring the Sirius XM request for more than a week, 3G Wireless today rejected it outright, stating that the "FCC has already granted the STA" and suggesting that 3G Wireless is entitled to operate absent a complaint of "actual interference." The relevant email chain is copied below.

3G Wireless has been granted authority to operate in two segments of the Wireless Communications Service ("WCS") frequencies: the 2312-2320 MHz band, immediately adjacent to the licensed Sirius XM frequencies and the 2352-2360 MHz band. 3G Wireless plans to use the spectrum to support video coverage of motor racing events which are likely to draw significant numbers of Sirius XM subscribers. Prior to the STA grant, Sirius XM asked 3G Wireless to notch out these two band segments to prevent interference with Sirius XM's service to those subscribers.

Sirius XM has also requested that 3G Wireless confirm whether it has obtained the consent of AT&T that is required under the STA grant prior to any operations in the WCS spectrum. 3G Wireless has not answered that question.

To ensure that Sirius XM subscribers are protected from interference, Sirius XM asks that the Commission revoke the above-referenced STA or modify it to remove the 2312-2320 MHz and 2352-2360 MHz frequencies. At the very least, the Commission should require that any operations in WCS spectrum comply with Section 27.53, consistent with Commission practice in experimental authorizations for these frequencies. *See, e.g., 3G Wireless, LLC, Call Sign WP9XSC, File No. 2258-EX-ST-2019, Grant at 16, Special Condition 5 ("Operations in the WCS bands (2305-2320 MHz and 2345-2360 MHz) must comply with the emission limits applicable to those bands. See 47 C.F.R. § 27.53(a).")*.

Any questions regarding this submission can be addressed to Karis Hastings, outside counsel for Sirius XM, at 202-599-0975, [karis@satcomlaw.com](mailto:karis@satcomlaw.com).

Attachment: Email Correspondence

Greg,

This is an extremely disappointing response to our repeated attempts to reach out to 3G Wireless and resolve our concerns with you. Given your refusal to cooperate we will be in touch with the FCC immediately to ask that they revoke or modify the STA grant, providing them a copy of this email correspondence.

With respect to your observations below, I note that as Sirius XM has previously advised you, SDARS operations are highly sensitive to interference from operations in the WCS frequencies adjacent to the SDARS band. The FCC has recognized this and imposed strict out-of-band emission limits on WCS providers, set forth in Section 27.53(a) of the rules, expressly to protect reception by Sirius XM subscribers. In addition, Sirius XM has a coordination agreement with AT&T, the WCS licensee, that regulates the amount of interference that can be caused to Sirius XM, and introduction of additional interfering signals from 3G Wireless would make it difficult if not impossible to ensure that the coordinated levels are maintained.

In light of this existing regulatory framework, Sirius XM is fully entitled to protection from the harmful interference that your operations in the WCS bands would create, and we do not have to wait for our subscribers to experience actual interference before objecting. I also note that the STA grant requires 3G to obtain the consent of AT&T prior to any operations in the WCS bands. Have you received such consent?

I will forward a copy of our objection when we have filed it with the FCC.

Best regards,  
Karis

Karis A. Hastings  
SatCom Law LLC  
202.599.0975  
[karis@satcomlaw.com](mailto:karis@satcomlaw.com)  
[www.satcomlaw.com](http://www.satcomlaw.com)



CONFIDENTIALITY. This e-mail and any attachments are confidential and may also be privileged. If you have received this message in error, please do not disclose the contents to anyone, but notify the sender by return e-mail and delete this e-mail (and any attachments) from your system.

Attachment: Email Correspondence

**From:** Greg Robinson <[GregR@3gwireless.tv](mailto:GregR@3gwireless.tv)>  
**Sent:** Friday, September 4, 2020 4:09 PM  
**To:** Karis Hastings <[karis@satcomlaw.com](mailto:karis@satcomlaw.com)>  
**Cc:** Stephen Tobias <[StephenT@3gwireless.tv](mailto:StephenT@3gwireless.tv)>; Greg Scheer <[GregS@3gwireless.tv](mailto:GregS@3gwireless.tv)>; Chris Imlay <[chris@imlaylaw.com](mailto:chris@imlaylaw.com)>  
**Subject:** RE: Sirius XM Request for Notch Out of 2312-2320 MHz and 2352-2360 MHz Frequencies from 3G Wireless Experimental STA Request, File No. 1254-EX-ST-2020

Hi Karis,  
FCC has already granted the STA. If there is an actual interference complaint 3G will be happy to address it at that time, but we don't have reason to believe that there will be any. Also, Sirius/XM is not entitled to out of band interference protection to the extent of 3G having to notch out the adjacent bands to those for DBS. 3G will make every effort to reduce the likelihood of interference by reducing our bandwidth and limiting the power level near the DBS band, 2320 to 2352 MHz.  
Please don't hesitate to contact me if you have any further questions.

Regards,  
Greg Robinson  
3G

**From:** Karis Hastings [<mailto:karis@satcomlaw.com>]  
**Sent:** Friday, September 04, 2020 3:58 PM  
**To:** Greg Robinson  
**Cc:** Stephen Tobias; Greg Scheer; Chris Imlay  
**Subject:** RE: Sirius XM Request for Notch Out of 2312-2320 MHz and 2352-2360 MHz Frequencies from 3G Wireless Experimental STA Request, File No. 1254-EX-ST-2020  
**Importance:** High

Sirius XM renews its request that 3G Wireless comply with the notch out requested below. As I indicated in the telephone message I left Stephen Tobias, if I do not hear from the company this afternoon, Sirius XM will notify the FCC regarding 3G's failure to respond and ask that the STA be modified or suspended.

Best regards,  
Karis

Karis A. Hastings  
SatCom Law LLC  
202.599.0975  
[karis@satcomlaw.com](mailto:karis@satcomlaw.com)  
[www.satcomlaw.com](http://www.satcomlaw.com)



CONFIDENTIALITY. This e-mail and any attachments are confidential and may also be privileged. If you have received this message in error, please do not disclose the contents to anyone, but notify the sender by return e-mail and delete this e-mail (and any attachments) from your system.

Attachment: Email Correspondence

**From:** Karis Hastings <[karis@satcomlaw.com](mailto:karis@satcomlaw.com)>  
**Sent:** Wednesday, September 2, 2020 3:41 PM  
**To:** 'Greg Robinson' <[GregR@3gwireless.tv](mailto:GregR@3gwireless.tv)>  
**Cc:** 'Stephen Tobias' <[StephenT@3gwireless.tv](mailto:StephenT@3gwireless.tv)>; 'Greg Scheer' <[GregS@3gwireless.tv](mailto:GregS@3gwireless.tv)>;  
'Chris Imlay' <[chris@imlaylaw.com](mailto:chris@imlaylaw.com)>  
**Subject:** RE: Sirius XM Request for Notch Out of 2312-2320 MHz and 2352-2360 MHz  
Frequencies from 3G Wireless Experimental STA Request, File No. 1254-EX-ST-2020  
**Importance:** High

Gentlemen,

I have not received a response to my email below. Please confirm as soon as possible whether 3G Wireless will comply with the notch out Sirius XM has requested. Otherwise, Sirius XM will file an objection with the FCC.

Best regards,  
Karis

Karis A. Hastings  
SatCom Law LLC  
202.599.0975  
[karis@satcomlaw.com](mailto:karis@satcomlaw.com)  
[www.satcomlaw.com](http://www.satcomlaw.com)



CONFIDENTIALITY. This e-mail and any attachments are confidential and may also be privileged. If you have received this message in error, please do not disclose the contents to anyone, but notify the sender by return e-mail and delete this e-mail (and any attachments) from your system.

Attachment: Email Correspondence

**From:** Karis Hastings <[karis@satcomlaw.com](mailto:karis@satcomlaw.com)>  
**Sent:** Monday, August 24, 2020 11:51 AM  
**To:** 'Greg Robinson' <[GregR@3gwireless.tv](mailto:GregR@3gwireless.tv)>  
**Cc:** 'Stephen Tobias' <[StephenT@3gwireless.tv](mailto:StephenT@3gwireless.tv)>; 'Greg Scheer' <[GregS@3gwireless.tv](mailto:GregS@3gwireless.tv)>; 'Chris Imlay' <[chris@imlaylaw.com](mailto:chris@imlaylaw.com)>  
**Subject:** Sirius XM Request for Notch Out of 2312-2320 MHz and 2352-2360 MHz Frequencies from 3G Wireless Experimental STA Request, File No. 1254-EX-ST-2020

Greg,

As you know, I am outside counsel for Sirius XM, the satellite digital audio radio service (SDARS) provider. Sirius XM has previously advised you that any operations by 3G Wireless in the 2310-2355 MHz range are problematic for Sirius XM because of the risk of interference to Sirius XM's licensed SDARS operations. The above-referenced experimental STA request includes two band segments within that range: the 2312-2320 MHz band immediately adjacent to the licensed Sirius XM spectrum and the 2352-2360 MHz band. 3G Wireless seeks to use these frequencies during motor racing events which are likely to draw significant numbers of Sirius XM subscribers. Sirius XM is concerned that at the power levels proposed, the 3G Wireless transmissions in these frequency bands would interfere with Sirius XM's service to those subscribers.

To prevent this harmful interference, Sirius XM requests that 3G Wireless notch out the 2312-2320 MHz and 2352-2360 MHz bands from this STA request.

Can you please get in touch with me regarding this matter? My contact information is below. As we have done before, we would prefer to resolve our concerns directly with 3G Wireless if possible, but if we do not hear from you, we will submit an objection to the FCC.

Best regards,  
Karis

Karis A. Hastings  
SatCom Law LLC  
202.599.0975  
[karis@satcomlaw.com](mailto:karis@satcomlaw.com)  
[www.satcomlaw.com](http://www.satcomlaw.com)



CONFIDENTIALITY. This e-mail and any attachments are confidential and may also be privileged. If you have received this message in error, please do not disclose the contents to anyone, but notify the sender by return e-mail and delete this e-mail (and any attachments) from your system.