



NATIONAL RADIO ASTRONOMY OBSERVATORY

POST OFFICE BOX 2
GREEN BANK, WV 24944-0002
NRQZ OFFICE TELEPHONE (304) 456-2107
HTTP://WWW.GB.NRAO.EDU/

FAX (304) 456-2276
NRQZ@NRAO.EDU

September 26, 2022
Page 1 of 2
NRQZ ID: 220912G

Viasat, Inc.
6155 El Camino Real
Carlsbad, CA 92009

Application Reason/Purpose	Prior coordination notification
File Number	220912G
Applicant Name	Viasat, Inc.
Call Sign	['0']
Site Name or Loc	['Little Calf Pasture Highway, Augusta Springs, VA 24430']
Previous NRAO Coordination No.	
Current NRAO Coordination No.	220912G

Dear Applicant:

The National Radio Quiet Zone (NRQZ) has evaluated these facilities to determine the interference impact on our highly sensitive radio astronomy operations.

The NRQZ Office requests that:

1. This Letter of Concurrence be attached to the FCC application.
2. The FCC application should indicate to the FCC that the assignment should be modified to include the current NRQZ ID in the supplementary details line (e.g. "SUP: NRQZ COORD COMPLETE 2022 SEP 26/NRQZ ID 220912G").
3. The applicant provides the NRQZ Office (nrqz@nrao.edu) with notice of its official filing with the FCC per section 47CFR1.924 (a) (2).
4. The FCC should email the NSF Electromagnetic Spectrum Management Unit (esm@nsf.gov) when the supplemental details have been modified to include the NRQZ ID as this will facilitate faster approval of the application.



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The National Radio Astronomy Observatory (NRAO) site located at Green Bank, Pocahontas County, WV, has no objection to this frequency assignment.

The Sugar Grove Research Station, the former Naval Radio Research Observatory (NRRO), located at Sugar Grove, Pendleton County, WV has no objections to this frequency assignment.

This letter constitutes coordination of assignment in the National Radio Quiet Zone as required by the FCC Rules and Regulations 47CFR1.924.

If I may be of assistance, please feel free to contact me.

Sincerest regards,

Sheldon Wasik
NRQZ Program Administrator

cc: nrgz@nrao.edu, esm@nsf.gov, Sugar Grove Research Station Spectrum Management Group

Attachments: Site Specific Data

This concurrence remains valid provided the data contained within is consistent with the applicant's filing at the Commission. Any discrepancy in system parameters, such as geographical coordinates (Latitude, Longitude, AMSL), antenna height above ground level (AGL), antenna gains or directivity (orientation), channel (operating frequency or frequency bands), emission type, and power requires re-coordination. If the Commission has questions regarding the validity of this or any concurrence, please direct inquiries to nrgz@nrao.edu or 304-456-2107.

NRQZ ID	Site Name	Lat N NAD83	Lon W NAD83	MSL (m)	Max TX Pwr (W)	# TX per Sector	# TX per Facility	Freq Low (MHz)	Freq High (MHz)	Bandwidth (MHz)	Max Gain (dBi)	Antenna Model	AGL (m)	Az ° True	Mechanical-DT	Electrical-DT	Max eRPd of facility (W)	NRAO ERPd Limit (W)
220912 G	Little Calf Pastur e Highw ay, Augus ta Spring s, VA 24430	38 05 29.7 00	-79 20 36.01 0	488 .00 677	62.3734 83548	1	1	2750 0.0	2835 0.0	325.0	52.4	13001xx	2. 39 99 99 99 99 98	311.3	0	0	6606934.5	4.5e+1 0