



NATIONAL RADIO ASTRONOMY OBSERVATORY

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January 24, 2018

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NRQZ ID: 11282 19JAN2018

Shenandoah Valley Group

PO Box 275

Mount Jackson, VA 22842

Application Reason/Purpose	Concurrence of an FCC application prior to FCC submission
File/Docket/Assignment #	BNPFT - 20171205ABD
Applicant Name	Shenandoah Valley Group
Call Sign	WSVG
Site Name or Loc	Mount Jackson
Nearest City/State	Mount Jackson, VA
N Latitude	38 46 22.9 (38.77302778)
W Longitude	78 37 32.3 (78.62563889)
Ground Elevation (m)	291.4 (956.0')
Frequency (MHz)	97.9
Emission Designator	FM
Transmitter Power Out W	250
Antenna 1 Type (Gain dBi)	BKG-77 (2.15)
Height agl (m)	84.0 (275.6')
Orientation (degT)	ND
Frequency Coordinator	None Listed
Previous NRAO Coordination No.	NRQZ ID None - New analysis
Current NRAO Coordination No.	NRQZ ID 11282 19JAN2018

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 National Radio Astronomy Observatory (NRAO), Green Bank, WV, has no objection to this application.

The Sugar Grove Research Station, Sugar Grove, WV has no objections.

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,

Paulette W. Woody
NRQZ Administrator
PWW:pww

cc: Larry Waggoner

file: 11282.docx

NOTE: This concurrence remains valid provided the data contained within is consistent with the applicant's filing at the FCC. 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 or power requires re-coordination. If the FCC has questions regarding the validity of this or any concurrence, please direct inquiries to nrqz@nrao.edu or 304-456-2107.