



# 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

March 16, 2012

Page 1 of 3

NRQZ ID: 7546/21 December 2011

Shenandoah Valley Educational Television Corporation  
298 Port Republic Rd.  
Harrisonburg, Virginia 22801-3052

Application Reason/Purpose  
File/Docket/Assignment #  
Applicant Name  
Call Sign  
Site Name or Loc  
Frequency Coordinator  
Previous Evaluations  
NRAO Coordination

Pre-coordination of existing call signs  
Shall be provided by the applicant  
Addressee  
WVPY  
See Exhibit A  
Not required  
Various  
NRQZ ID 7546/21 December 2011

Dear Applicant:

The National Radio Quiet Zone (NRQZ) office evaluated the proposed facilities as shown in Exhibit A to determine the possible interference impact on our highly sensitive radio astronomy operations.

## SPECIAL CONDITION

The National Radio Astronomy Observatory (NRAO), Green Bank, WV, objects unless and until the special condition of the station license limit the effective radiated power as follows:

Luray, Virginia to 0.5 watts DTV at Azimuth 260.3° true.

Fulks Run, Virginia 24.9 W DTV at Azimuth 256.9° true

To meet this special condition, the applicant shall:

1. Use the final engineering submitted by Doug Vernier on 13 March 2012 indicating that these facilities will meet the requested ERPd limit.
2. Arrange for a site inspection to verify implementation of the submitted and approved engineering.

## Regulatory

The NRQZ office requests that:

1. The FCC places a special condition on the station license.
2. This Letter of Concurrence be attached to the FCC application.
3. The applicant provides the NRQZ office notice of their official filing with the FCC per section 47CFR1.924 (a) (2).



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Page 2 of 3  
NRQZ ID: 7546/21 December 2011

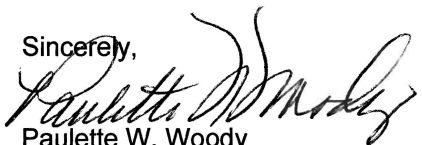
The National Radio Astronomy Observatory, Green Bank, WV, has no objections provided the special condition is met.

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 can be of assistance, please feel free to contact me.

Sincerely,

  
Paulette W. Woody  
Interference Office  
NRQZ Administrator  
PWW:pww

cc: Doug Vernier  
File: 7546.doc  
Attachment: Exhibit "A"



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Page 3 of 3

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## Exhibit "A"

Site Name or Loc	Luray
Nearest City/State	Luray Virginia
N Latitude	38 36 05
W Longitude	78 37 57
Ground Elevation (m)	899
Frequency (MHz)	515
Emission Designator	Digital TV
Antenna 1 Type (Gain dBi)	Scala CL-1469 8 dBd gain antenna
Height agl (m)	59
Orientation (degT)	100° true

Site Name or Loc	Fulks Run
Nearest City/State	Fulks Run, Virginia
N Latitude	38 36 31.5
W Longitude	78 54 06.1
Ground Elevation (m)	640
Frequency (MHz)	515
Emission Designator	Digital TV
Antenna 1 Type (Gain dBi)	Scala CL-1469 8 dBd gain antenna
Height agl (m)	40
Orientation (degT)	0° true

Reference Copy