



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: 753819DEC2011

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
WVPT
See exhibit A
Not required
Various
NRQZ ID 7538/19 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 **Monterey** station license limit the effective radiated power to 0.0014 watts DTV at Azimuth 295 degrees True.

To meet this special condition, the applicant shall:

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

The NRAO has no objection to the Elliott Knob facility as submitted, which indicated no change to the previously approved analysis under NRQZ ID 3563-2; therefore, this location is grandfathered.

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).



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 2 of 3
NRQZ ID: 753819DEC2011

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 okay

File: 7538.doc

Attachment: Exhibit "A"

Reference Copy



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 3 of 3
NRQZ ID: 753819DEC2011

Exhibit "A"

Site Name or Loc	Elliott Knob
Nearest City/State	Staunton Virginia
N Latitude	38 09 54.47
W Longitude	79 18 50.13
Ground Elevation (m)	1322.8
Frequency (MHz)	201
Emission Designator	Digital TV
Antenna 1 Type (Gain dBi)	On file
Height agl (m)	10
Orientation (degT)	150° true with 1° electrical tilt

Site Name or Loc	Monterey
Nearest City/State	Monterey Virginia
N Latitude	38 20 39
W Longitude	79 35 47
Ground Elevation (m)	1338
Frequency (MHz)	201
Emission Designator	Digital TV
Antenna 1 Type (Gain dBi)	Scala C L-713, 9 dBd
Height agl (m)	42.9
Orientation (degT)	355° true

Reference Copy