



## NATIONAL RADIO ASTRONOMY OBSERVATORY

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March 01, 2016  
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NRQZ ID: 10153 18FEB2016

Attention: FCC Regulatory Group  
Positive Alternative Group  
PO Box 889  
Blacksburg, VA 24063-0889

Application Reason/Purpose	Concurrence of an FCC application prior to FCC submission
File/Docket/Assignment #	BMPFT - 20151112XPP
Applicant Name	Positive Alternative Radio
Call Sign	No value
Site Name or Loc	W224CH Harrisonburg
Nearest City/State	North of Massanutten, VA
N Latitude	38 26 40.4 (38.44455556)
W Longitude	78 44 04.1 (78.73447222)
Ground Elevation (m)	949.0 (3113.5')
Frequency (MHz)	Channel 227 operating on 103.3 MHz
Emission Designator	FM Translator
Effective Radiates Power W	10.00
Antenna 1 Type (Gain dBi)	NIC Model BKG-77
Height agl (m)	13.0 (42.7')
Orientation (degT)	ND
Frequency Coordinator	None Listed
Previous NRAO Coordination No.	NRQZ ID None
Current NRAO Coordination No.	NRQZ ID 10153 18FEB2016

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  
NRAO NRQZ Administrator  
PWW:pww  
cc: Robert Branch; Robert Gates, FCC  
file: 10153.docx

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](mailto:nrqz@nrao.edu) or 304-456-2107.