



# 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

July 11, 2018  
Page 1 of 1  
NRQZ ID: 11510\_06JUN2018

Christopher P. Goyne  
570 Edgmont Road  
Charlottesville, VA 22904

Application Reason/Purpose	Coordination of tabled assignment
File/Docket/Assignment #	<b>ULS 0240-EX-CN-2018</b> / NG-214748 / J1417835
Applicant Name	University of Virginia (UVA)
Call Sign	2XMR
Site Name or Loc	Charlottesville
Nearest City/State	Charlottesville, VA
N Latitude	38 01 57
W Longitude	78 30 40
Ground Elevation (m) / AGL (m)	166 / 13
Frequency (MHz)	401.0300 – 401.0500
Emission Designator	20K00G1D
Transmitter Power Out W / ERP	25 Watts / 688.3 Watts
Antenna 1 Type (Gain dBi) / Orientation (degT)	Not provided / ND
Previous NRAO Coordination No.	None – New frequency assignment
Current NRAO Coordination No.	NRQZ ID 11505_06JUN2018 (NTIA assignment) <b>NRQZ ID 11510_06JUN2018 (ULS assignment)</b>

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) site located at Green Bank, Pocahontas County, WV, has no objections to this frequency assignment.

The Sugar Grove Research Station, formerly the 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(a).

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

Sincerest regards,

Paulette W. Woody  
NRQZ Office Administrator  
PWW:pww

cc: Mai Tran, FCC; Mike Miller for applicant file: 11510.docx

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