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Narrative for Conditional Use Review Application

November 20, 2025

In 2024, MMCTV (Mt Mansfield Community TV) applied for a noncommercial, Low Power FM (LPFM) radio station license with the Federal Communications Commission (FCC). Our application was approved, and we have a Construction Permit to build a nonprofit community radio station, WRUJ-LP, at the Richmond Town Center. Our FCC construction permit expires in April 2027, by which time station construction must be complete. Once on air, our frequency will be 100.5FM and the station will also stream over the internet. We are currently launching the beta version of our internet station at wruj.org. Low Power FM stations are truly "low power", operating at a mere 100 watts, with a coverage area of up to 15 miles depending on topography..

Before submitting our FCC application in Fall 2024 to locate our antenna at the Richmond Town Center, we received initial approval from the ***Town of Richmond*** to locate our antenna on the roof of the building ***(see Appendix 1 - MMCTV Engineering Study for FCC and Appendix 2 - Channel Information and Antenna Location Data)***. Our application proposes to attach a vertically polarized antenna on a 12-16' metal mast secured to metal strapping on the chimney of the building **(*see photos Appendix 3 - metal strapping on chimney***). We plan to use the existing strapping. The mast will be 2-2 ½" diameter, with a low-profile vertical antenna secured at 6-8' ***(Appendix 4 - potential antenna)***. There is currently an antenna on this chimney for the Highway Department two-way radio system ***(Appendix 5 - antenna on chimney)*.** There are also two active antennas on the post office roof for police communications (***Appendix 6 - antennas on post office roof***). We are in touch with the Police and Highway departments, and both are supportive of the radio station project - we have also communicated with Burlington Communications, which maintains the police and highway radio systems.

We propose to attach our mast to the chimney in the same manner as the mast currently there , reaching an overall height of 82' or less ***(Appendix 7 - building elevations)***. A cable would run from the antenna to a 100W transmitter on the 3rd floor, and then on to the radio station studio at MMCTV. We are working with a licensed radio broadcast engineer to design our antenna assembly, as well as to address and mitigate any potential interference with the existing radio systems at Richmond Town Center - there are filters that can be easily installed on transmission

lines, if necessary . We will also work with Burlington Communications to confirm frequencies and other information and generally ensure that the systems will all operate seamlessly from Richmond Town Center.

Our proposed project complies with the general and specific standards as outlined, and will not have an undue adverse effect on the capacity of community facilities, but will rather enhance our towns' emergency communications capacity during times of floods and other natural disasters. This small antenna assembly will not be visible from Bridge St, the view blocked by the cupola and higher roofs of the building facing east, having no adverse effect on the character of the area or building - and we are happy to adjust to further conceal the antenna if necessary. Our project will have no impact on traffic nor utilization of renewable energy resources, nor any of the specific standards as outlined (please see above for discussion of potential interference with existing critical communications systems at Richmond Town Center).

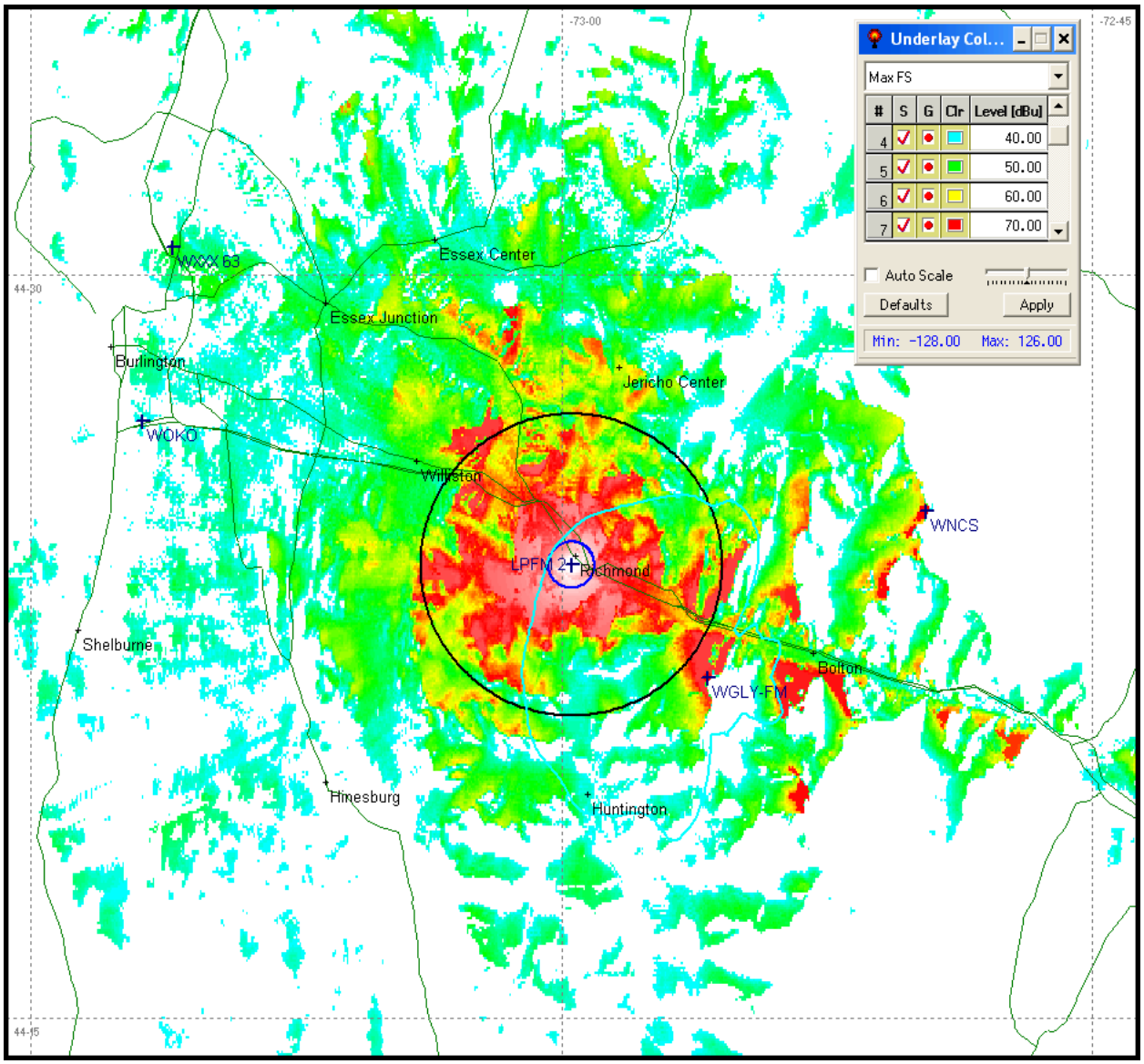
The radio station's studio will be located at MMCTV on the 3rd floor of Richmond Town Center, and would offer community members and organizations an opportunity to prepare and produce programming for broadcast on our station, including music, hyperlocal news and information, public affairs and special interest programming. As a participatory community station, people of all ages and perspectives are welcome to participate.

Emergency response messaging is a key part of our plan; we're building the station with an eye to the public being able to tune in on 100.5FM during emergencies, including power outages. MMCTV has applied for one-time Vermont state funding for community radio for emergency response work. We look forward to working with officials in Richmond and surrounding towns as a part of their Emergency Plans.

WRUJ-LP Draft Mission Statement: Our mission is to create a unique community resource, one that promotes connections, provides important information and fosters a sense of belonging. Our station also acts as a forum for people and issues that typically lack media access. We strive to promote positive social engagement.

ADDITIONAL INFO/CONTACT: WRUJ-LP gets its call numbers from "Richmond Underhill Jericho", MMCTV's three towns, but we will reach Richmond, as well as parts of Jericho, Essex, Williston, and other surrounding towns, depending on topography.
We've seen great community interest, with over 100 responses to our poll and some 14 volunteers actively involved in tech and outreach/fundraising committees, with individuals working on producing radio-friendly content.. We are operating an online version at www.wruj.org, which does not need an antenna.
Contact: Angelike Contis, MMCTV Exec. Director (802) 434-2550; angelike@mmctv15.org

Appendix 1 - MMCTV Engineering Study for FCC



Appendix 2 - Channel Information and Antenna Location Data

Channel and Facility Information

Section	Question	Response
Proposed Community of License	State	Vermont
	City	Richmond
	Channel	263
	Frequency	100.5

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	44° 24' 09.0" N+
	Longitude	072° 59' 43.0" W-
	Structure Type	BANT-Building with antenna on top
	Overall Structure Height	25 meters
	Support Structure Height	25 meters
	Ground Elevation (AMSL)	93 meters
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:22 meters Vertical:22 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:115 meters Vertical:115 meters
	Minimum Effective Radiated Power	Horizontal: 50.0 W Vertical: 50.0 W
	Maximum Effective Radiated Power	Horizontal: 100.0 W Vertical: 100.0 W

Antenna Technical Data

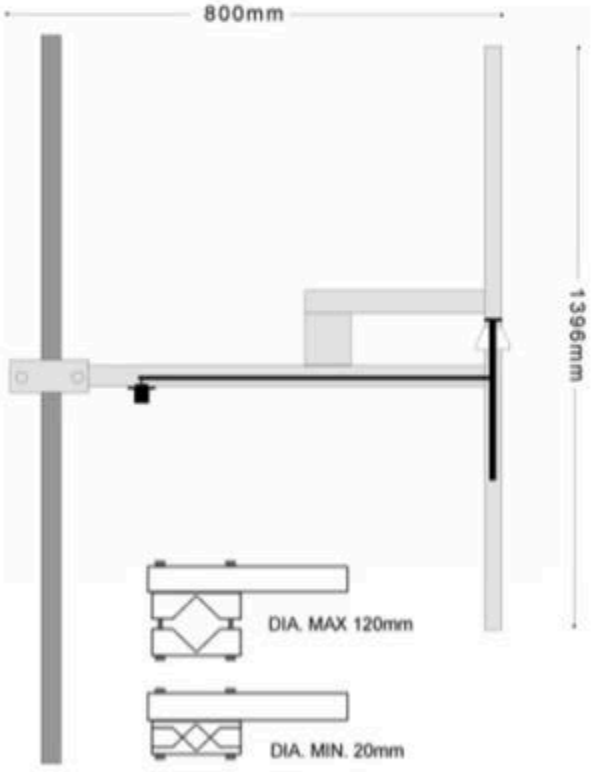
Section	Question	Response
Antenna Type	Antenna Type	Non-Directional

Appendix 3 - metal strapping on chimney

Appendix 4 - potential antenna

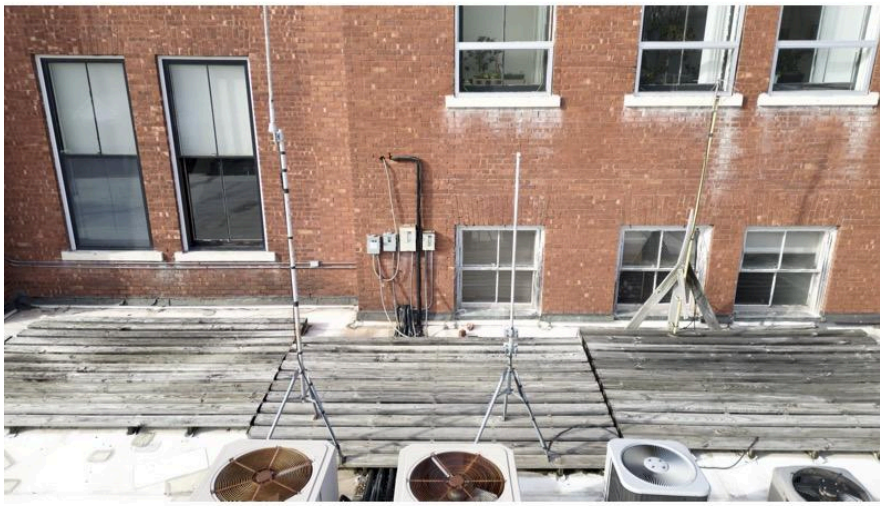
ANTENNAS > BKG1P

Overview: **Medium Power Portable Broadband FM Dipole.**
Broadband 88-108 MHz band
Vertical Polarization Dipole
Stainless Steel Construction



Appendix 5 - antenna on chimney

Appendix 6 - antennas on post office roof



Appendix 7 - Building elevations with roof heights