



WYCX-CD 2 Manchester, Etc. VT. - Facility ID: 26996
Application for a Construction Permit

This is an application for a construction permit for minor modification of the WYCX-CD License, FCC File Number 0000152019. The proposal relocates the facility 37.6 kilometers (23.36 miles) to the south, southwest. The proposed support structure is an existing communications tower, FCC ASR 1041624.

47 C.F.R. Section 1.1306

A Commission grant of authorization for this location would not be an action which may have a significant environmental effect. The subject station's predicted power density contribution at the multiple-use site is not considered significant and does not require consideration. Based on worst-case calculations and considering a very conservative vertical relative field factor of 0.3 pursuant to OET Bulletin 65, the proposed television facility is predicted to produce a maximum power density of only 0.074 microwatts per square centimeter at two meters above ground level. This represents only 0.04% of the FCC Guideline value of 200.0 microwatts per square centimeter for uncontrolled RFR environments. Pursuant to Section 1.1307(b)(3) of the FCC Rules, because the proposed facility would contribute less than 5% of the uncontrolled limit and controlled exposure limit, the proposal's power density contribution is insignificant.

WYCX-CD 2 Manchester, VT - Minor Modification Application – Sheet Two

Further, the Applicant will continue to cooperate/coordinate with other site users and reduce power and/or cease operation during times of service or maintenance of the transmission systems as necessary to avoid potentially harmful exposure to personnel. In light of the above, the proposed facility should be categorically excluded from RF environmental processing under Section 1.1307(b) of the Commission's Rules.

47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h)

WYCX CD operates on VHF channel 2. Section 74.709 addresses land mobile protection requirements for UHF channels 14-20. Therefore this application is compliant. A copy of the FCC TVStudy software interference report is included with this application that demonstrates the full service mask proposed meets the requirements of 74.793(e) (f) (g) and (h).

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