



April 30, 2021

W20EB-D Westmoreland, NH - Facility ID: 186687
Construction Permit BNPDTL-20100514AIM
Displacement Application for Construction Permit

This is a displacement application for a construction permit to change W20EB-D CP to channel 27 and relocate it to a nearby tower site. The proposal changes the antenna elevation, antenna pattern, and effective radiated power. The proposed move is to a tower registered as ASR 1034694. The move is 7.9 kilometers (4.9 miles). The proposed site is an existing communications tower.

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 17.15 microwatts per square centimeter at two meters above ground level. This represents only 4.67% of the FCC Guideline value of 367.33 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. The permittee/licensee in coordination with other users of the site

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will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

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

W20EB-D proposes operation on channel 27, therefore 74.709 is not applicable. A copy of the FCC TVStudy software interference report is included with this application that demonstrates the stringent mask proposed meets the requirements of 74.793(e) (f) (g) and (h).


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