



**W17ER-D 27 Westmoreland, NH - Facility ID: 186687**  
**Application for CP, Minor Modification**

This is an application for a minor modification construction permit to change the location and antenna used by W27ER-D. The proposed site is a tower registered as ASR 1007044. The proposed site is an existing communications tower.

The distance between the Licensed and Proposed tower sites is 48.053 km (29.859 miles).

**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. 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 which exceeds the FCC Guideline value of 367.33 microwatts per square centimeter for uncontrolled RFR environments. Further, because the proposed facility is located in close proximity to a number of other television and radio broadcast stations, the cumulative power density of all the stations operating from the shared site must be considered.

In light of the above, once the proposed facility is authorized and installed, an RFR measurement survey will be undertaken to determine the effect of the proposed facility on the RFR environment. Any changes in necessary to the existing RFR safety



plan will be made accordingly. Further, the applicant is committed to reducing power or ceasing operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic fields in excess of FCC's occupational guidelines.

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

W27ER operates on UHF channel 27. 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).

  
Carl E. Gluck, CPBE

