



W18EZ-D Delphi, IN - Facility ID: 186632
Application for a Minor Modification Construction Permit
Of License FCC File Number 0000155992

This is an application for a minor modification construction permit to relocate W18EZ-D about 20 miles, change its antenna, elevation and power. The proposed site is a tower registered as ASR 1274427. The proposed site is an existing communications tower.

47 C.F.R. Section 1.1306

As discussed below, 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 8.57 microwatts per square centimeter at two meters above ground level. This represents only 2.59% of the FCC Guideline value of 331.33 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.

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

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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)

W18EZ-D operates on UHF channel 18. Section 74.709 addresses land mobile protection requirements for channel 14-20. A copy of an Interference Check using TVStudy v2.2.5 is attached. That report includes a statement that reads “No land mobile station failures found”. Therefore, this application is compliant with 74.709. The interference check also demonstrates the stringent mask proposed meets the requirements of 74.793(e) (f) (g) and (h).

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