



W19ET-D Bath, NY - Facility ID: 43452
Application for CP, Minor Modification of Construction Permit

This is an application for a minor modification construction permit to change the antenna type, antenna height, and effective radiated power of W19ET-D Bath, NY. The proposed site is unchanged: the existing tower registered as ASR 1053378. The antenna will be a single KAT Scala 4DR-4S aimed at 80 degrees true. The effective radiated power will be 800 watts.

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 335.33 microwatts per square centimeter for uncontrolled RFR environments. Further, because the proposed facility is located in close proximity to other radio and television 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)

W19ET-D operates on UHF channel 19. Section 74.709 addresses land mobile protection requirements for UHF channels 14-20. The attached report from a TVStudy Interference Check states “No land mobile station failures found”. Therefore this application is compliant. A copy of the FCC TVStudy software interference report is included with this application that demonstrates the simple mask proposed meets the requirements of 74.793(e) (f) (g) and (h).


Carl E. Gluck, CPBE

