

ENGINEERING STATEMENT

This Engineering Statement supports this amendment to minor modification application 0000142974 for WJKF-CD, Facility ID 4754, licensed to the Applicant herein.

Amendment

The Applicant proposes to amend 0000142974 as follow:

- Change Height of Radiation Center Above Ground Level from 228.6 meters to 220.1 meters.
- Correct typo in antenna model. The correct antenna model is ATC-BCC62M-V0-11.
- Change antenna rotation from 0 degrees to 295 degrees.
- Use of Cell Study cell size: 0.50 km
- Use of Profile point spacing: 0.05 km

The proposed facility was studied using TVStudy v2.2.5. It is believed that the proposed facility complies with 47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h).

Digital TV and Class A Station Protection and Interference Acceptance

The proposed facility causes less than 0.5% interference to surrounding digital and Class A television stations and allotments and facilities (i.e., “*de minimis*”) based on TVStudy v2.2.5. It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards.

Low Power TV and TV Translator Station Protection

The proposed facility causes less than 2.0% interference to surrounding low power assignments and allotments (i.e., “*de minimis*”) based on TVStudy v2.2.5. It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards.

Environment Effect

The proposed facility is deemed individually and cumulatively to have no significant effect on the quality of the human environment and are categorically excluded from environmental processing as defined by 47 C.F.R. § 1.1306. Additionally, the Applicant certifies that it will reduce power or cease operation as necessary to protect any persons from having RF exposure in excess of FCC guidelines.