

WTVJ Next Gen Host Station Application -- 47 CFR Section 73.3801(f)(5) Compliance
October 27, 2022

WTVJ ATSC 1.0 Coverage Loss On WSCV ATSC 1.0 Host

This exhibit demonstrates the WTVJ application to become a Next Gen Host and move its ATSC 1.0 service to WSCV will comply with FCC 47 CFR Section 73.3801(f)(5), which states:

“An application filed in accordance with the streamlined process in paragraph (f)(3) of this section will receive expedited processing provided, for stations requesting to air an ATSC 1.0 signal on the facilities of a host station, the station will provide ATSC 1.0 service to at least 95 percent of the predicted population within the noise limited service contour of its original ATSC 1.0 facility.”

Coverage for WTVJ and ATSC 1.0 Host WSCV was calculated using TVStudy 2.2.5 with default parameters and the LMS database dated October 27, 2022. The tvixstudy.txt exhibits for both stations are attached. The current ATSC 1.0 coverage of WTVJ, Facility ID 63154, Miami, FL, licensed to NBC Telemundo License LLC (FCC File Number BLCDDT20030707ABG) includes 5,458,451 people in its noise limited service area and the same number of people in its terrain-limited coverage. Interference free coverage is 5,431,262 people. The proposed ATSC 1.0 Host station for WTVJ is WSCV, Facility ID 64971, licensed to NBC Telemundo License LLC (FCC File Number BLCDDT20090720ADZ) includes 5,465,435 people in its noise limited service area and terrain-limited coverage. WSCV interference free coverage is also 5,465,435 people.

TVStudy data from both studies was plotted to determine coverage loss and the results are shown on the attached map. Total population loss due to differences in the WTVJ and WSCV noise limited service contours 2,966 people, or 0.054% of the people in the current WTVJ noise limited service area. A total of 204 people in this area are predicted to have no reception of WTVJ due to interference from WINK-TV, resulting in a total of 2,762 people losing service as a result of moving WTVJ's ATSC 1.0 service to WSCV.

The study results show the station will provide ATSC 1.0 service to at least 95 percent of the predicted population within the noise limited service contour of its original ATSC 1.0 facility and thus qualifies for streamline processing under 47 CFR Section 73.3801(f)(5).

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