

Modification of License for Next Gen Host Station WTVJ
47 CFR Section 73.3801(f)(5) Compliance

October 12, 2023

WTVJ ATSC 1.0 Coverage Loss On WSCV ATSC 1.0 Host

This exhibit demonstrates that the instant application to modify the Next Gen licensed facilities of host station WTVJ is eligible for expedited processing pursuant to 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 Next Gen host station WTVJ, Facility ID 63154, Miami, FL, licensed to NBC Telemundo License LLC, and its ATSC 1.0 simulcast host station WSCV, Facility ID 63154, Miami, FL, licensed to NBC Telemundo License LLC, was calculated using TVStudy 2.2.5 with default parameters and the LMS database dated October 10, 2023. The tvixstudy.txt exhibits for both stations are attached. Both stations serve the Miami-Fort Lauderdale DMA. The current ATSC 1.0 coverage of WTVJ (FCC LMS File Number 0000221487) includes 5,450,611 people in its noise limited service area and the same number of people in its terrain-limited coverage. The coverage of ATSC 1.0 simulcast host station WSCV (FCC LMS File Number 0000204992) includes 5,465,435 people in its noise limited service area and terrain-limited coverage. The attached map compares the noise limited contours for WTVJ and WSCV.

The WTVJ noise limited service area loss on the WSCV ATSC 1.0 host is 1,306.73 square kilometers and 587 people.

The study results show that WTVJ will provide ATSC 1.0 service to 99.99 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).

Doug Lung
October 12, 2023

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