

W279CI at Georgetown, CT

Technical Statement

Fill-In Translator Status

The translator will provide fill-in service for WSHU-FM at Fairfield, CT. As shown in Figures 1 and 2 below, the proposed 60 dBu service contour (heavy green) substantially overlaps presently authorized W279CI service contour (thin green), and lies entirely within that of proposed primary station WSHU-FM (also thin green.)

74.1204 Study

All facilities not meeting the spacing requirements of Section 73.207 with respect to the proposed Channel 279 facility considered as a Class A were studied. These include:

<u>Call Sign</u>	<u>Location</u>	<u>Channel</u>	<u>Protected Service Contour</u>
WKTU	Lake Success, NY	278B	54 dBu
WNNJ	Newton, NJ	279B1	57 dBu
WVEI-FM	Westerly, RI	279B	54 dBu
BNPL-20131107AAG	Pawling, NY	279LP100	60 dBu
WNBM	Bronxville, NY	280A	60 dBu
WMRQ-FM	Waterbury, CT	281B	54 dBu
WAXQ	New York, NY	282B	54 dBu

Figure 1 illustrates the absence of prohibited overlap between the proposed translator interfering contour and the pertinent service contours of each of these stations. Figure 2 provides greater detail where contours are close. (Key: same colors may not overlap.)

Environmental Considerations

The proposed antenna will be mounted on an existing structure with no new construction. RFR compliance was determined through the use of the RF worksheets in Appendix.

Respectfully submitted,



Dennis Jackson
August 2, 2014

Figure 2 – 74.1204 Study – Closeup Detail

Proposed interfering contours do not overlap pertinent service contours of any nearby co-channel or 1st, 2nd or 3rd adjacent station.

Proposed service contour (heavy green) substantially overlaps presently authorized W279CI service contour (thin green), and lies entirely within that of proposed primary station WSHU-FM (also thin green.)

