

Bridgelight, LLC

Minor Modification to Licensed Facility

W232AL, Pomona, NY

Facility ID 24106, Ch 232, 65w ERP (H&V DA), 40-50-50.5N, 73-56-1.7 W (NAD83), 155 Meters RCAMSL

The applicant is proposing a minor change modification to licensed facility, W232AL, Pomona, NY. The application is proposing antenna, height, coordinates, directional pattern and ERP changes in the instant application.

Interference Compliance Statement and Exhibits

The facility proposed in the instant application is compliant with 47 CFR Section 74.1204 with respect to co-channel, first-adjacent, second-adjacent and third-adjacent protections and I.F. Channel protections of all current applications and authorizations.

The applicant acknowledges second-adjacent channel overlap with Facility ID 20886, Licensed Main Facility, WNSH, Newark, NJ. The amount of signal from WNSH Licensed Main Facility arriving at the applicant's proposed transmitter site is 74 dBu. Using the 40 dB Undesired-to-Desired ratio method for determining second or third adjacent channel interference, the pertinent interfering contour is 114 dBu. The applicant has attached an aerial photograph exhibit showing the interfering contour and showing that the entire area within the interfering contour is completely absent of population. In addition, the applicant has attached an elevation drawing showing that the interfering contour in either the elevation or the horizontal plan covers no population. Any structures in the vicinity of the tower site are cleared of the interfering contour. Since the map shows that there is no population in the interfering contour, this application is compliant with 47 CFR Section 74.1204 with respect to second adjacent channel interference.

The applicant acknowledges second or third adjacent channel overlap with WNSH Construction Permit 0000131143. The amount of signal from the WNSH CP arriving at the applicant's proposed transmitter site is 85 dBu. Using the 40 dB Undesired-to-Desired ratio method for determining second or third adjacent channel interference, the pertinent interfering contour is 125 dBu. Since the attached map in the above statement complies with the more stringent interference requirements, then the 125 dBu protection is compliant with the interference standards for second adjacent interference. Since the map shows that there is no population in the interfering contour, this application is compliant with 47 CFR Section 74.1204 with respect to second adjacent channel interference.

The applicant acknowledges second or third adjacent channel overlap with Facility ID 73355, WNYC-FM, New York, NY, BLH-20110815ADD. The amount of signal from the WNYC-FM arriving at the applicant's proposed transmitter site is 87 dBu. Using the 40 dB Undesired-to-Desired ratio method for determining second or third adjacent channel interference, the pertinent interfering contour is 127 dBu. Since the attached map in the above statement complies with the more stringent interference requirements, then the 127 dBu protection is compliant with the interference standards

for second adjacent interference. Since the map shows that there is no population in the interfering contour, this application is compliant with 47 CFR Section 74.1204 with respect to second adjacent channel interference.

RF and Environmental Statement

The antenna proposed in the instant application is to be located on an existing communications tower or structure with the equipment to be located in an existing communications shelter. The applicant has proposed an ERP of below 100 watts. Therefore, the instant application is categorically excluded from environmental processing.

Fill-In Translator Exhibit

The applicant has proposed fill-in operation of commercial Class B Station WPLJ-FM, New York, NY. Attached is a map showing that the f(50,50) 54 dbu contour of the proposed facility does not exceed the f(50,50) 54 dbu contour of the originating station in any azimuth.

Maximum Elevation Pattern Contours in Vertical Plane

Attached is the maximum proposed elevation pattern data for the antenna type specified.

Deg	RMS	Power	Distance to 114 dBu Contour
0	1.000	65w	113m
5	0.894	52w	101m
10	0.618	25w	70m
15	0.273	4.8w	31m
20	0.027	<0.1w	<4m
25	0.202	2.7w	23m
30	0.236	3.6w	27m
35	0.163	1.7w	18m
40	0.043	0.1w	4m
45	0.067	0.3w	8m
50	0.135	1.2w	15m
55	0.155	1.6w	18m
60	0.137	1.2w	15m
65	0.100	0.7w	12m
70	0.060	0.2w	6m
75	0.028	0.1w	4m
80	0.009	<0.1w	<4m
85	0.001	<0.1w	<4m
90	0.000	<0.1w	<4m

Statement about adjacent building second-adjacent-channel interference.

Per the aerial photograph, the only adjacent tall building is proposed to be between in the direction of 280 and 320 degree true with respect to the proposed antenna location and at a distance 72 meters from the proposed antenna location. The applicant has reduced power in the direction of the entire building (280 to 320 degrees) to 22 watts ERP in the stated azimuths, so that the 114 dBu contour extends 66 meters. This calculation was performed on the FCC online computer program "FM and TV Propagation Curves". The only tall building within the 114 dBu maximum contour is the adjacent building shown in the aerial photo exhibit. The other buildings in the 113 meter radius are less than 30 meters in height and clear of the elevation contour shown in the elevation exhibit.

Statement with Respect to WSBP-LP

The applicant acknowledges contour overlap with Facility ID 195228, WSBP-LP, Wood Ridge, NJ. On Friday, April 9, 2021, the licensee requested cancellation of WSBP-LP. A copy of the letter submitted to the Audio Division staff is attached. Thus no protection is required for WSBP-LP in the instant application. There is not, has never been and will never be compensation or any agreement between the parties with respect to the instant application and the cancellation of WSBP-LP. A copy of the letter was supplied as a courtesy by the engineer for WSBP-LP.

****End of Narrative****