

MINOR MODIFICATION TO A  
LICENSED FACILITY  
W268AN PLAINVIEW, NY  
FACILITY ID 151700  
BLFT-20110103AAG

WAIVER REQUEST

This engineering statement is prepared on behalf of Apple Community Broadcasting, Inc.. Apple propose to move its transmitter site to the west by 22 KM to existing tower registration # 1043283. Apple proposes its antenna height center of radiation a.g.l. at 107 meters (351 feet). Also they still will be within the service contours of WCBS and station WEMP see channel study attached Apple is continuing to request for a waiver of section 74.1204 of the rules towards these stations. The signal level arriving at the proposed site of Apple from station WCBS is a 76.7 DBU (50,50) and the translators interfering contour is 40 DBU (50,10) which together would be 116.7 DBU (50,10). See attached contour map. The signal level from WEMP is 76.5 DBU and the translator interfering contour is 40 DBU (50,10) which together would be 116.5. Using the undesired-to desired method for the purpose of determining lack of interference for an fm translator. The proposed interfering contour with respect to station WCBS is 116.7 DBU and WEMP is 116.5 DBU (free space contour method employed). This means that the 116.7 DBU interfering signal would, in the worst case at maximum radial extend 30 meter from center of radiation, and the 116.5 DBU interfering would, in the worst case at maximum radial extend 33 meters which is proposed at 107 meters a.g.l. The interference contour of 33 meter begins at 74 meters a.g.l. This interfering contour does not touch ground. Apple is respectfully requesting a waiver.

M. CELENZA COMMUNICATIONS CONSULTANT

