

MINOR MODIFICATION TO A  
CONSTRUCTION PERMIT  
W296BT  
FACILITY ID 155888  
BNPFT-20030828APN  
WAIVER REQUEST

This engineering statement is prepared on behalf of APPLE 107.1 INC... Apple 107 propose to move its transmitter site to the N.W. by 1.63 KM to existing roof top at 40-42-19 N 74-00-34 NEW YORK. Apple 107 proposes its antenna height center of radiation a.g.l. at 227 meters (745 feet). Also they still will be within the service contours of WBLS FM and WLTW FM see channel study attached Apple 107 is continuing to request for a waiver of section 74.1204 of the rules towards both stations WBLS FM AND WLTW FM . The signal level arriving at the proposed site of APPLE 107 from station WBLS is a 97 DBU (50,50) and the translators interfering contour is 40 DBU (50,10) which together would be 137 DBU (50,10). See attached contour map. WLTW FM signal is a 98.6 DBU (50,50) and the translator interfering contour is a 40 DBU (50,10) which together would be 138.6 DBU (50,10) see attached contour map.

Using the undesired-to desired method for the purpose of determining lack of interference for an fm translator. The proposed interfering contours with respect to stations WBLS FM is 137 DBU and station WLTW is 138.6 DBU (free space contour method employed). This means that the 137 DBU and 138.6 DBU interfering signal would, in the worst case at maximum radial extend 3 meter from center of radiation, which is proposed at 227 meters a.g.l . The tower is located on roof top and the antenna will be mounted on a steel structure & pipe 20 meters above the roof the interfering contour will not extend more than 3 meters and will not touch roof or touch the ground. There are no other buildings of this height within 3 meters or 10 feet of this antenna in area. Apple 107 is respectfully requesting a waiver of rule 74.1204 .

M. CELENZA COMMUNICATIONS CONSULTANT