

MINOR MODIFICATION TO A
LICENSE FACILITY
W227BZ CHAMBERSBURG, PA.
FACILITY ID 145587
BLFT20070413AFO

WAIVER REQUEST DISPLACEMENT OF CHANNEL

This engineering statement is prepared on behalf of Mr. Michael Pittenger. Mr Pittenger proposes to move its frequency to a second adjacent because they were displaced by a full power fm station WYPM Chambersburg, PA. . By doing this they are proposing using the undesired to desired method they will fall within service contour of WYPM and he request a waiver of rules section 74.1204 towards station WYPM.

The signal level arriving at Mr. Pittenger site from station WYPM is a 74 DBU (50,50) and the translators interfering contour is 40 DBU (50,10) which together would be 114 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 contour with respect to station WYPM is 114 DBU (free space contour method employed). This means that the 114 DBU interfering signal would, in the worst case at maximum radial extend 221 meters from center of radiation, which is proposed at 15 meters a.g.l.. The tower is located in a populated area. This interfering contour does interfere with multiple people residence around the site .So Mr Pittenger is displaced again and is requesting the FCC to grant the following channel change to 243.965 MHz. see channel study exhibit meets all FCC requirements and with all the same parameters as W227BZ antenna height above ground level at 15 meters and power still at .250kw. vertical and .250 kw. Horizontal. By allowing this move Mr. Pittenger can go ahead and serve the community once again with local retransmission of a community radio station.

M. CELENZA COMMUNICATIONS CONSULTANT

