

MINOR MODIFICATION TO A
LICENSED FACILITY
K292FK
FACILITY ID 155742
BLFT-20100928AAA
WAIVER REQUEST

This engineering statement is prepared on behalf of Carlos Lopez.

Carlos proposes to move its transmitter site to the North by 18.4 KM to existing tower registration number 1224070 at 29-07-51 N 98-26-14 W. Carlos proposes its antenna height center of radiation a.g.l. at 71 meters (233 feet). Also they will be within the service contours of KSMG FM see channel study attached Carlos is requesting for a waiver of section 74.1204 of the rules towards both stations KSMG FM.

The signal level arriving at the proposed site of Carlos from station KSMG FM is a 89 DBU (50,50) and the translators interfering contour is 40 DBU (50,10) which together would be 129 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 KSMG FM is 129 DBU and station (free space contour method employed). This means that the 129 DBU interfering signal would, in the worst case at maximum radial extend 39 meter from center of radiation, which is proposed at 71 meters a.g.l. .
The tower is located in a rural area there are no buildings of this height within 39 meters or 128 feet of this antenna area. Carlos Lopez is respectfully requesting a waiver of rule 74.1204 .

M. CELENZA COMMUNICATIONS CONSULTANT