

MINOR MODIFICATION TO A CONSTRUCTION PERMIT
K221GF SAN ANTONIO, TX
FACILITY ID 138171
BMPF-20160129ABG

WAIVER REQUEST

This engineering statement is prepared on behalf of Carlos Lopez (Lopez). Lopez propose to move its transmitter site to existing tower registration # 1053689. Lopez proposes its antenna height center of radiation a.g.l. at 165 meters (540 feet). He will be within the service contours of KRTU-FM see channel study attached Lopez is requesting for a waiver of section 74.1204 of the rules towards stations KRTU-FM . The signal level arriving at the proposed site of Lopez from station KRTU is a 88.4 DBU licensed facility and cp facility is 77.0 DBU the translators interfering contour is 40 DBU (50,10) which together would be 117.0 DBU (50,10) worst case scenario . 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 KRTU-FM 118.2 DBU (free space contour method employed). See attached free space study Lopez is proposing the use of Nicom BKG 77 2 Bay half wave spaced at 100 meters a.g.l. The interfering contour does not touch ground. Lopez is respectfully requesting a waiver.

M. CELENZA COMMUNICATIONS CONSULTANT