

MINOR MODIFICATION TO A CONSTRUCTION PERMIT
K221GF SAN ANTONIO, TX
FACILITY ID 138171
BPFT-20170227AAE
WAIVER REQUEST

This engineering statement is prepared on behalf of Carlos Lopez (Lopez).

Lopez this licensed facility was part of the AM revitalization window in 2016 and is proposing to change frequency to 100.7 channel 264 from new FCC rule changes and increase E.R.P. to 99 watts its transmitter site will remain at current licensed site. Lopez proposes a different antenna also the antenna height center of radiation a.g.l. at 165 meters (540 feet) and will continue to rebroadcast KCHL AM and will continue to be a fill in. He will be within the service contours of KONO-FM and KCYY see channel study attached Lopez is requesting for a waiver of section 74.1204 of the rules towards stations KRTU-FM and KONO. The signal level arriving at the proposed site of Lopez from station KONO is a 85.0 DBU and for KCYY is a 85.0 DBU licensed facility the translators interfering contour is 40.0 DBU (50,10) which together would be 125.0 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 KONO-FM and KCYY is 125.0 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 165 meters a.g.l. The interfering contour does not touch ground. Lopez is respectfully requesting a waiver.

M. CELENZA COMMUNICATIONS CONSULTANT