

**Technical Exhibit
94.1 PARTNERSHIP
Minor Modification K231CZ
Facility ID#148525
.25 kW Vertical
Austin, TX**

Purpose Of Application

94.1 PARTNERSHIP, ("94.1") the licensee of K231CZ proposes through this instant application to modify a K231CZ. This proposal is change channel to a non mutually exclusive channel, Ch 270, due to the frequent interference from KTFM Ch 231C2, Floresville, T, FID 2543... The proposed facility utilizes the same ASR 12267314 of the existing licensed facility at a height at a height of 477.3 m COR and 198 m AGL with a power of .25 kW vertical with a directional antenna. NED 03 second terrain data was used for all contour calculations. The antenna used for the proposed facility is the Kathrein/Scala CL FM V single section log periodic utilized by the existing facility.

Interference To Other Facilities

This proposed facility complies with 47CFR 74.1204 of the Commission's rules for interference to other facilities. There is no overlap of the proposed facility's interfering contours with the protected contours of any other application or facility, with the exception of second adjacent Ch. 268C2 KROX-FM Buda, TX FID 54659, and second adjacent Ch, 272C2 KPEZ Austin, TX FID 11935. 94.1 demonstrates in this application that no actual interference will occur as the interference contour never reaches ground level in the area where the proposed translator has an interfering signal 40 dB more than that of the contour of the protected facility.

KROX-FM is .2km distant from the proposed location and has a calculated contour of 134.187 dBu 50-50 at the translator location. The interference contour of the proposed facility, 174.17 dBu 50-10, is calculated by free space 198 meters above ground level worst case. Likewise, KPEZ which is licensed on a tower 11.4 km away from the proposed in this application has a calculated contour of 89.36 dBu 50-50 at the tower base. The proposed translator interference contour 129.36 dBu 50-10 never reaches ground level.

Environmental

The proposed location is an existing tower. The antenna proposed above was studied using the OET FM model program. Using this program with the EPA Antenna Type 1 and the worst case for the single bay antenna mounted at 198 meters above ground level operating with 250 W vertical only, the worst-case power density at 2 meters above ground level was found to be .2 microwatts/cm², which occurs 45 meters from the base of the support structure. This is .1% of the maximum level for the general population uncontrolled exposure level and exempts the facility from further study, as it is an insignificant contributor.

K231CZ

0000201940
Latitude: 30-19-24 N
Longitude: 097-47-59.70 W
ERP: 0.25 kW
Channel: 231
Frequency: 94.1 MHz
AMSL Height: 447.3 m
Elevation: 249.3 m
Horiz. Pattern: Directional
Vert. Pattern: No

KTFM

0000088184
Latitude: 29-19-38.90 N
Longitude: 098-21-18 W
ERP: 19.00 kW
Channel: 231
Frequency: 94.1 MHz
AMSL Height: 418.0 m
Elevation: 151.0 m
Horiz. Pattern: Omni
Vert. Pattern: No

K231CZ License 60 dBu 50-50

KTFM 40 dBu 50-10 Interference Contour

Scale 1:750,000

0 10 20 30 km

K231CZ Minor Modification
94.1 Partnership

REFERENCE
30 19 24.00 N.
97 47 59.70 W.

CH# 270D - 101.9 MHz, Pwr= 0.25 kW DA, HAAT= 0.0 M, COR= 447.3 M
Average Protected F(50-50)= 7.09 km
Standard Directional

DISPLAY DATES
DATA
SEARCH 11-23-22

CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
270C1 San Antonio	KQXT-FM	LIC _CN TX	213.4 33.1	120.10 BLH20070817ACA	29 25 06.80 98 29 02.10	100.000 202	159.8 408	62.2 Ihm Licenses, LLC	-53.4*	19.4
268C2 Buda	KROX-FM	LIC _CN TX	228.4 48.4	0.15 0000129844	30 19 20.70 97 48 04.00	12.500 253	5.0 476	48.6 waterloo Media Group, L.P.	-7.6*	-48.5*
272C2 Austin	KPEZ	LIC _CN TX	193.6 13.6	11.38 BMLH19980327KA	30 13 24.80 97 49 40.00	26.000 209	6.0 433	53.3 Ihm Licenses, LLC	-8.2*	-42.5*
270D Round Rock	K270CO	LIC _CN TX	23.5 203.5	33.63 BLFT20170504ABD	30 36 05.00 97 39 35.00	0.250	27.2 410	8.1 Royal Flush, LLC	0.9	14.8
270L1 Marble Falls	KFGG-LP	LIC _CN TX	301.3 121.1	53.41 BLL20180312AAI	30 34 18.60 98 16 35.00	0.100 8	305	22.0 Rockpile Church		33.1
270A Lometa	KACQ	LIC _CN TX	334.1 153.8	113.52 BLH19950623KB	31 14 33.60 98 19 20.10	6.000 100	86.5 511	28.1 Debra L. Witcher	24.5	74.7
270A Wixon Valley	KBXT	LIC _CN TX	67.1 247.7	138.49 BLH20090615AFI	30 48 05.70 96 27 58.90	2.500 156	85.4 258	30.1 Brazos Valley Communicatio	38.7	77.3
269C3 Temple	KLTD	LIC _CN TX	20.1 200.3	112.33 BLH19951106KB	31 16 24.60 97 23 32.00	16.500 125	60.8 340	40.4 Townsquare Media Killeen-T	45.7	67.7
271D Burnet	K271BC	LIC _CN TX	318.7 138.4	65.23 BLFT20060127AFQ	30 45 48.70 98 15 04.10	0.250 96	14.0 484	10.0 Richard Herring	48.6	50.9

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= West Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
Reference station has protected zone issue: Mexico

K231CZ Austin, Texas, Showing Protection to KPEZ, Channel: 272
 Geographic Coordinates: N. 30 19 24.00 W. 97 47 59.70
 74.1204(d) Study - Using NED 03 SEC Terrain Database
 Translator Maximum Licensed ERP = 0.25 kW, Channel: 270
 Translator Antenna Height AG = 198 meters
 K231CZ Antenna Azimuth Model = Vertical Model Name = CLFMV

Protected Station's Contour = 89.36413 dBu
 Translator's full Interference contour 129.36413

Review Azimuth = 140 Degrees True
 Horizontal Relative Field at Review Azimuth = 1.000
 Translator ERP on the horizontal at Review Azimuth = 0.25 kW
 Distance between stations = 11.4 km
 Protected Station= KPEZ, 26 kW, 433 M meters COR AMSL

Depression Angle From Degree(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	1.0	0.2500	037.7367	037.7367	198.000
05.00	0.977	1.0	0.2386	036.8687	036.7284	194.787
10.00	0.915	1.0	0.2093	034.5290	034.0045	192.004
15.00	0.815	1.0	0.1661	030.7554	029.7074	190.040
20.00	0.689	1.0	0.1187	026.0006	024.4325	189.107
25.00	0.549	1.0	0.0754	020.7174	018.7764	189.244
30.00	0.405	1.0	0.0410	015.2833	013.2358	190.358
35.00	0.269	1.0	0.0181	010.1512	008.3153	192.178
40.00	0.149	1.0	0.0056	005.6228	004.3073	194.386
45.00	0.051	1.0	0.0007	001.9246	001.3609	196.639
50.00	0.023	1.0	0.0001	000.8679	000.5579	197.335
55.00	0.071	1.0	0.0013	002.6793	001.5368	195.805
60.00	0.097	1.0	0.0024	003.6605	001.8302	194.830
65.00	0.099	1.0	0.0025	003.7359	001.5789	194.614
70.00	0.075	1.0	0.0014	002.8302	000.9680	195.340
75.00	0.049	1.0	0.0006	001.8491	000.4786	196.214
80.00	0.024	1.0	0.0001	000.9057	000.1573	197.108
85.00	0.015	1.0	0.0001	000.5660	000.0493	197.436
90.00	0.015	1.0	0.0001	000.5660	000.0000	197.434

K231CZ Austin, Texas, Showing Protection to KROX-FM, Channel: 268
 Geographic Coordinates: N. 30 19 24.00 W. 97 47 59.70
 74.1204(d) Study - Using NED 03 SEC Terrain Database
 Translator Maximum Licensed ERP = 0.25 kW, Channel: 270
 Translator Antenna Height AG = 198 meters
 K231CZ Antenna Azimuth Model = Vertical Model Name = CLFMV

Protected Station's Contour = 134.1875 dBu
 Translator's full Interference contour 174.1875

Review Azimuth = 140 Degrees True
 Horizontal Relative Field at Review Azimuth = 1.000
 Translator ERP on the horizontal at Review Azimuth = 0.25 kW
 Distance between stations = 0.2 km
 Protected Station= KROX-FM, 12.5 kW, 476 M meters COR AMSL

Depression Angle From Degree(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	1.0	0.2500	000.2166	000.2166	198.000
05.00	0.977	1.0	0.2386	000.2116	000.2108	197.982
10.00	0.915	1.0	0.2093	000.1982	000.1951	197.966
15.00	0.815	1.0	0.1661	000.1765	000.1705	197.954
20.00	0.689	1.0	0.1187	000.1492	000.1402	197.949
25.00	0.549	1.0	0.0754	000.1189	000.1078	197.950
30.00	0.405	1.0	0.0410	000.0877	000.0760	197.956
35.00	0.269	1.0	0.0181	000.0583	000.0477	197.967
40.00	0.149	1.0	0.0056	000.0323	000.0247	197.979
45.00	0.051	1.0	0.0007	000.0110	000.0078	197.992
50.00	0.023	1.0	0.0001	000.0050	000.0032	197.996
55.00	0.071	1.0	0.0013	000.0154	000.0088	197.987
60.00	0.097	1.0	0.0024	000.0210	000.0105	197.982
65.00	0.099	1.0	0.0025	000.0214	000.0091	197.981
70.00	0.075	1.0	0.0014	000.0162	000.0056	197.985
75.00	0.049	1.0	0.0006	000.0106	000.0027	197.990
80.00	0.024	1.0	0.0001	000.0052	000.0009	197.995
85.00	0.015	1.0	0.0001	000.0032	000.0003	197.997
90.00	0.015	1.0	0.0001	000.0032	000.0000	197.997