

Exhibit 18

CSSI Non-Profit Educational Broadcasting Corporation

NCE FM Interference To Television Channel 6

Weatherford, Texas

The purpose of this exhibit is to show compliance with Section 73.525 of the Commission's Rules. The Rules require that an applicant proposing operation on FM Channel 203, whose antenna location is less than 246 kilometers (152.86 miles) from a television Channel 6 facility, furnish a map and an engineering statement, with calculations, demonstrating compliance with the Rules with regard to interference to the reception of television channel 6.

The applicant proposes to locate its antenna 194.04 kilometers (120.57 miles) from television channel 6, KCEN-TV Temple, Texas. There is no overlap between the interfering contour of the KMQX and the 47 dBu of KCEN-TV, therefore it may be assumed that no interference exists.

The applicant proposes to locate its antenna 123.12 kilometers (76.50 miles) from television channel 6, KAUZ-TV Wichita Falls, Texas. Therefore, KAUZ-TV must receive consideration.

First, the relative HAAT figures were generated for KAUZ-TV using the NGDC 3 Second Database and the data from the FCC TV Database. The distance to the KAUZ-TV contours was predicted according to the procedures specified in 73.684 of the Commission's Rules, "Prediction of Coverage," using the $F(50,50)$ curves in Figure 9 of Section 73.699.

For each television Channel 6 field strength contour, the associated $F(50,10)$ FM interference contour was obtained from Figure 1 of Section 73.599. The distances to the applicable NCE-FM interference contours was predicted according to the procedures specified in "Prediction of Coverage," using the $F(50,10)$ curves

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in Figure 1 of Section 73.333 of the Rules, Radials were then computed every 5 degrees from the proposed new NCE-FM site to the point at which interference stops occurring. These calculations are based on the appropriate $F(50,50)$, $F(50,10)$ and FM/TV 6 protection ratio curves for an NCE-FM station operating with facilities of 0.312 kilowatts ERP at 10 meters HAAT. Free space calculations were used when computing the field strength for distances less than 1 mile.

An adjustment of 6 dB for television receiving antenna directivity was added to each NCE-FM interference contour of the TV Channel 6 station and within an arc defined by the range of angles, of which the FM transmitter site is the vertex, from 110° relative to the azimuth from the FM transmitter site to the TV Channel 6 transmitter site, counterclockwise to 250° relative to that azimuth. A plot of the proposed new NCE-FM ($F50,10$) interfering contours to the KAUZ-TV Television Channel 6 ($F50.50$) protected contours may be seen as Figure 1 of this exhibit.

Persons Within Interference Area

The predicted interference area was calculated according to Section 73.525(e) of the Commission's Rules. The area of interference as defined by Section 73,525(e)(1)(v) that would be created within the KAUZ-TV TV6 Grade B (47 dBu) area by KMQX from its proposed new site would affect 860.8 square kilometers. The total population (2000 Census) receiving interference is 268 persons.

The population figures given in this application have been derived from figures provided by the United States Bureau of the Census (2000 Census). The population residing within the Interference Area was determined by counting persons within each of the relevant

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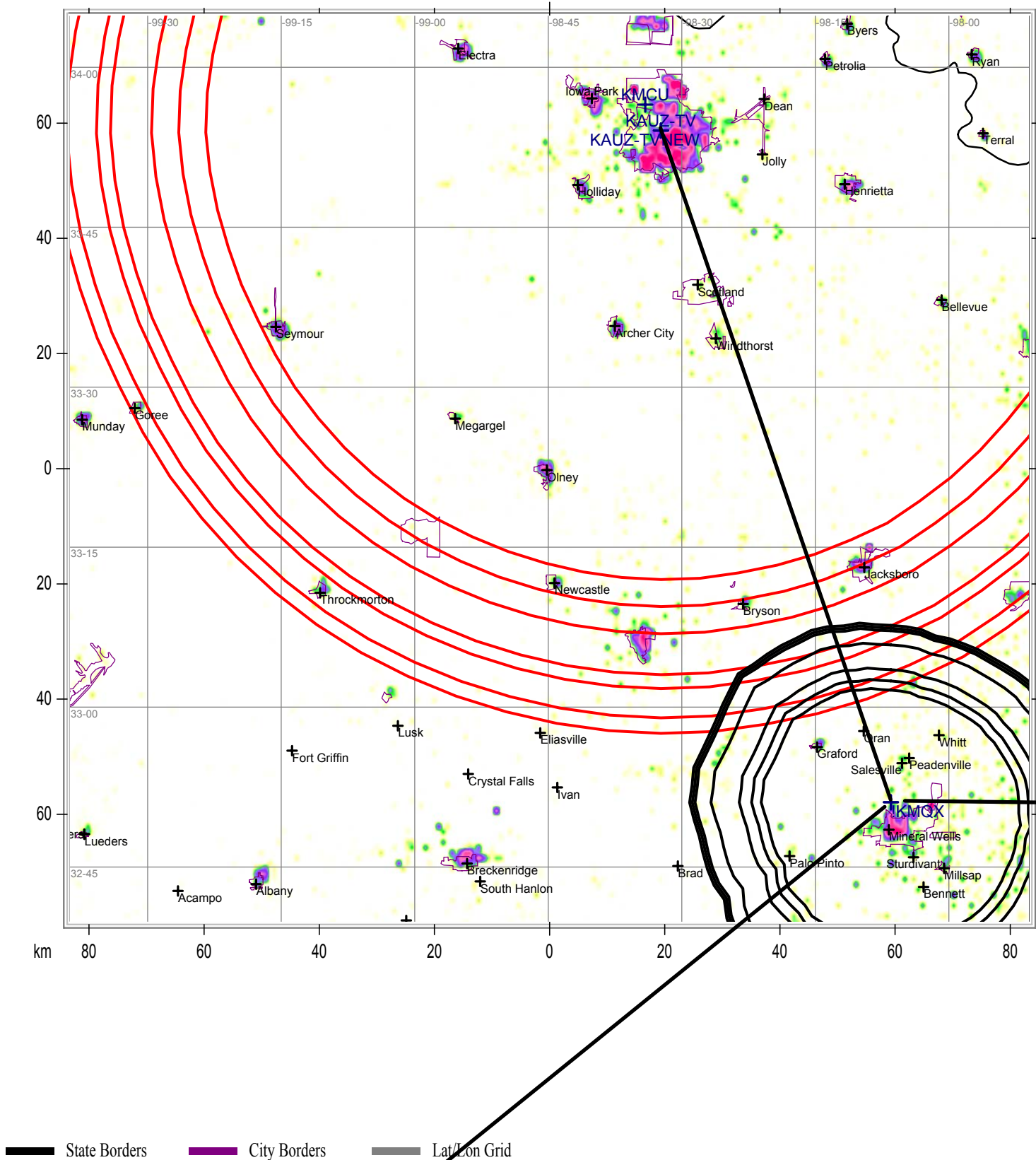
census blocks, the smallest unit of population measure of the Census Bureau. This method is now commonly used to complete various types of broadcast application exhibits and it is used here to produce consistent, reliable, and independently verifiable population data.

Therefore, it may be concluded that the operation of KMQX at its proposed new site will not cause interference to the reception of KAUZ-TV Witchita Falls, Texas, TV Channel 6, and the application complies with Section 73,525 of the Commission's Rules as pertains to interference to the reception of TV Channel 6 by NCE-FM stations.

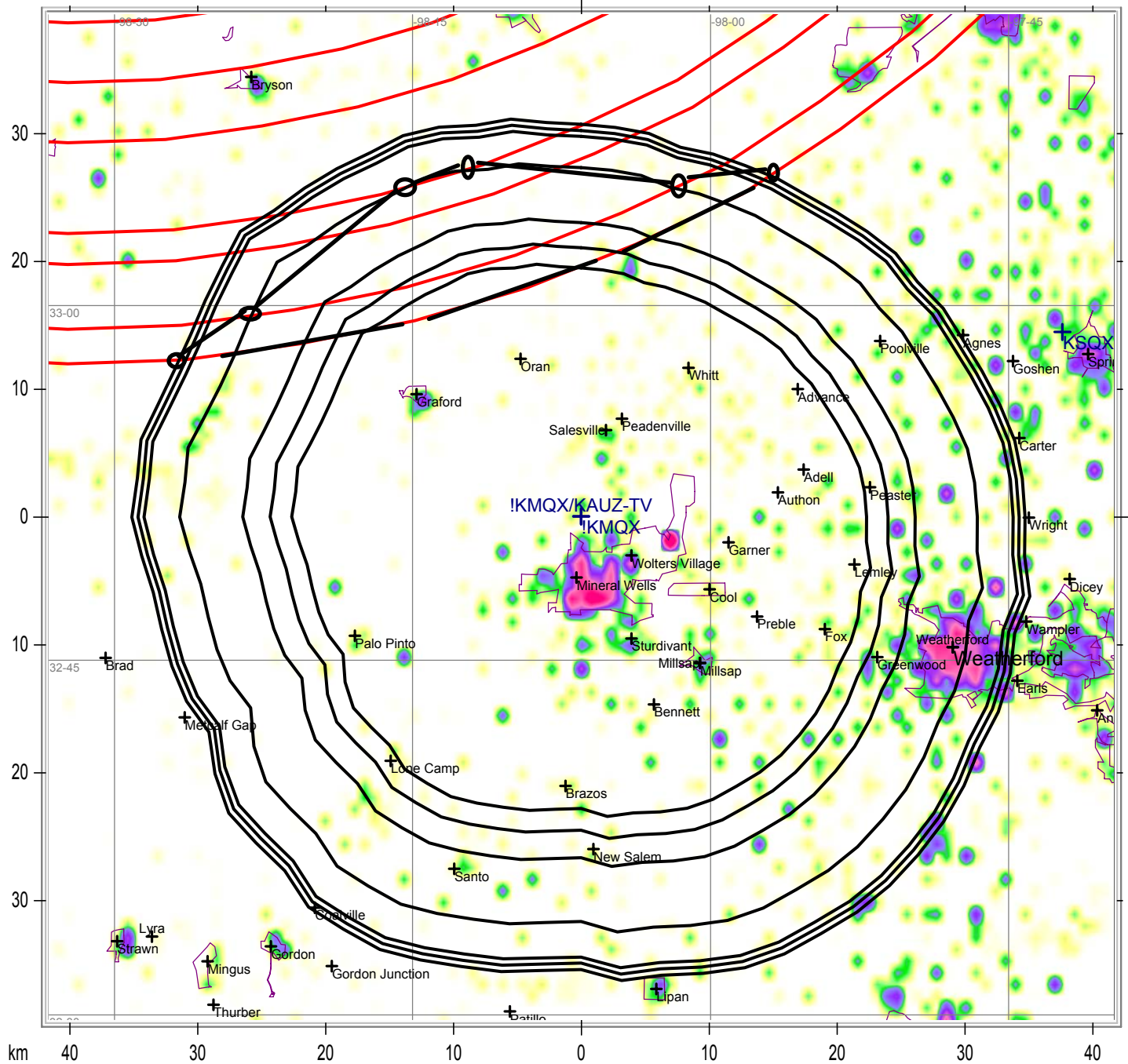
Construction of Interference Zone

TV Signal	U/D Ratio	U/D Ratio	FM Signal
F(50,50) - dBu	dB	+6 dB	F(50,10) dBu
47	6.5	12.5	59.5
51	4.5	10.5	61.5
54	4.5	10.5	64.5
56	5.25	11.25	67.25
58	2.00	8.00	66.00
50	3.75	9.75	59.75
48	6.00	12.00	60.00

KMQX to KAUZ-TV Interference Area - OVERVIEW



KMQX to KAUZ-TV Interference Area - DETAILED



State Borders
 City Borders
 Lat/Lon Grid

Map Scale: 1:464054 1 cm = 4.64 km V/H Size: 78.64 x 83.30 km

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