

COMPLIANCE WITH §73.3801 (ATSC 1.0 SIMULCASTING)

The KOCB-DT full-power television facility (File Number BLCDT-20060615AAL) is licensed to operate on Channel 33 with an ERP of 900 kW using a Non-Directional antenna mounted on a tower with Antenna Structure Registration Number (ASRN) 1011337 located in Oklahoma City, OK. The KOKH-DT full-power television facility (File Number BLCDT-20041207ACV) is licensed to operate on Channel 24 with an ERP of 1,000 kW using a directional antenna mounted on a tower with ASRN 1011337 located in Oklahoma City, OK (co-located with KOCB). The KAUT-DT full-power television facility (File Number 0000072582) is licensed to operate on Channel 19 with an ERP of 635 kW using a Non-Directional antenna mounted on a tower with ASRN 1043710 located in Oklahoma City, OK. The three aforementioned stations plan to partner in a simulcasting arrangement for purposes of airing KAUT-DT's ATSC 1.0 Diginet signals where KOCB and KOKH shall be the ATSC 1.0 "Host" stations and KAUT-DT shall be the ATSC 1.0 "Tenant" station. All three stations are assigned to the same DMA (Oklahoma City, OK).

Pursuant to section 73.3801(f)(6)(i) of FCC Rules, the following information is required for this type of application.

- Stations serving as the host for KAUT ATSC 1.0 Diginets:

1) KOCB ([BLCDT-20060615AAL](#))

Technical facilities of the Host #1 station:

- Frequency: 587 MHz (Channel 33)
- ERP: 900 kW
- Antenna: Non-Directional
- Antenna Center Height: 465.4 m AGL
- Antenna Model: TFU-30GBH-R O8 DC
- Antenna Polarization: Horizontal
- Antenna Beam Tilt: 0.75°
- Coordinates: 35° 32' 58.2" N, 097° 29' 19.1" W
- ASRN: 1011337
- DMA: Oklahoma City, OK

2) KOKH ([BLCDT-20041207ACV](#))

Technical facilities of the Host #1 station:

- Frequency: 533 MHz (Channel 24)
- ERP: 1,000 kW
- Antenna: Directional
- Antenna Center Height: 483.4 m AGL
- Antenna Model: TFU-30GTH-R 6T170 DC
- Antenna Polarization: Horizontal
- Antenna Beam Tilt: 0.75°
- Coordinates: 35° 32' 58.2" N, 097° 29' 19.1" W
- ASRN: 1011337
- DMA: Oklahoma City, OK

Pursuant to section 73.3801(f)(6)(ii) of FCC Rules, the following information is also required for this type of application.

- Predicted population within the noise limited service contour served by the station's original ATSC 1.0 signal: **1,636,689 persons (See Exhibit 1)**
- Predicted population within the noise limited service contour served by the station's original ATSC 1.0 signal that will lose the station's ATSC 1.0 service as a result of the simulcasting arrangement, including identifying areas of service loss by providing a contour overlap map:
 - **KAUT Diginets at KOCB Host: 2,412 Persons (See Exhibits 1 thru 5)**
 - **KAUT Diginets at KOKH Host: 25,018 Persons (See Exhibits 1 thru 5)**
- Will the ATSC 1.0 simulcast signal aired on the host station serve at least 95% of station's original ATSC 1.0 population?
 - **KAUT Diginets at KOCB Host: Yes, it will serve 99.9% (See Exhibits 1 thru 5)**
 - **KAUT Diginets at KOKH Host: Yes, it will serve 98.5% (See Exhibits 1 thru 5)**

Pursuant to §73.3801(c) of FCC Rules, full power broadcasters that elect temporarily to relocate their ATSC 1.0 signal to the facilities of a host station for purposes of deploying ATSC 3.0 service

must continue to cover the station's entire community of license with the ATSC 1.0 simulcast signal and must be assigned to the same Designated Market Area (DMA) as the originating station. Referring to Exhibit 4, it can be seen that the KAUT-DT ATSC 1.0 "Tenant" station will continue to completely encompass its community of license (Oklahoma City, OK) with the KOCB-DT F(50,90) 48.0 dBu "Host" station's principal community contour. Referring to Exhibit 5, it can be seen that the KAUT-DT ATSC 1.0 "Tenant" station will continue to completely encompass its community of license (Oklahoma City, OK) with the KOKH-DT F(50,90) 48.0 dBu "Host" station's principal community contour. Also pursuant to §73.3801(c) of FCC Rules, the KAUT-DT "Tenant" station, the KOCB-DT "Host" station and the KOKH-DT "Host" station are all assigned to the same DMA (Oklahoma City, OK).

Accordingly, as demonstrated above and in enclosed Exhibits 1-5, the proposed KAUT-DT "tenant" facility operating with an ATSC 1.0 Diginet signals and sharing the frequency with the KOCB-DT ATSC 1.0 "host" station and the KOKH-DT ATSC 1.0 "host" station fully satisfies the FCC rules specified in §73.3801 and the application should therefore be granted with expedited processing in accordance with the streamlined 1-step process specified in the rules.

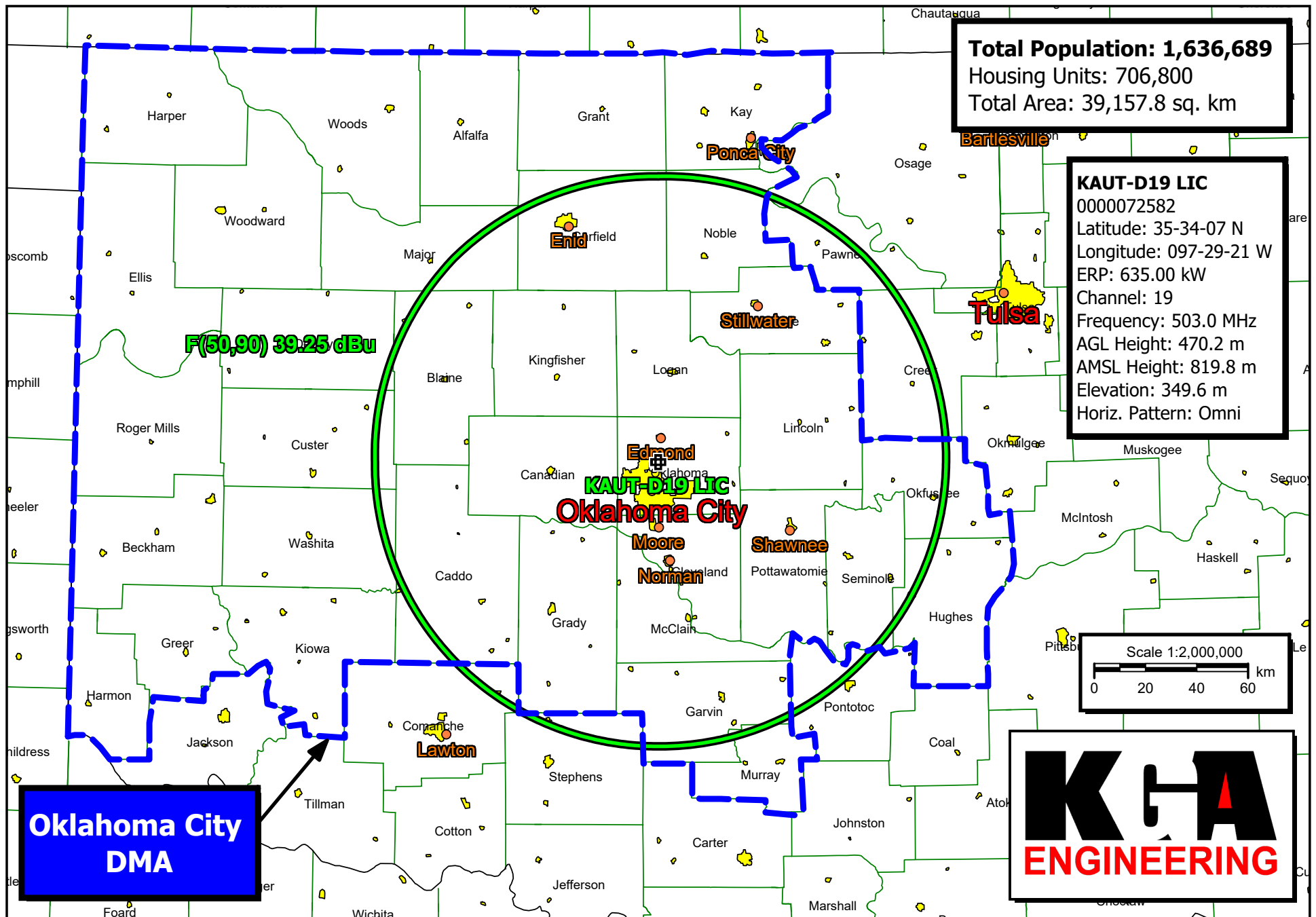
CERTIFICATION

This technical statement was prepared by William T. Godfrey, Jr., Engineering Associate with the firm Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida, and has been working with the firm in the field of radio and television broadcast consulting since 1998. Mr. Godfrey was a graduate from the University of North Florida and a Distinguished Military Graduate from the University of Florida. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.

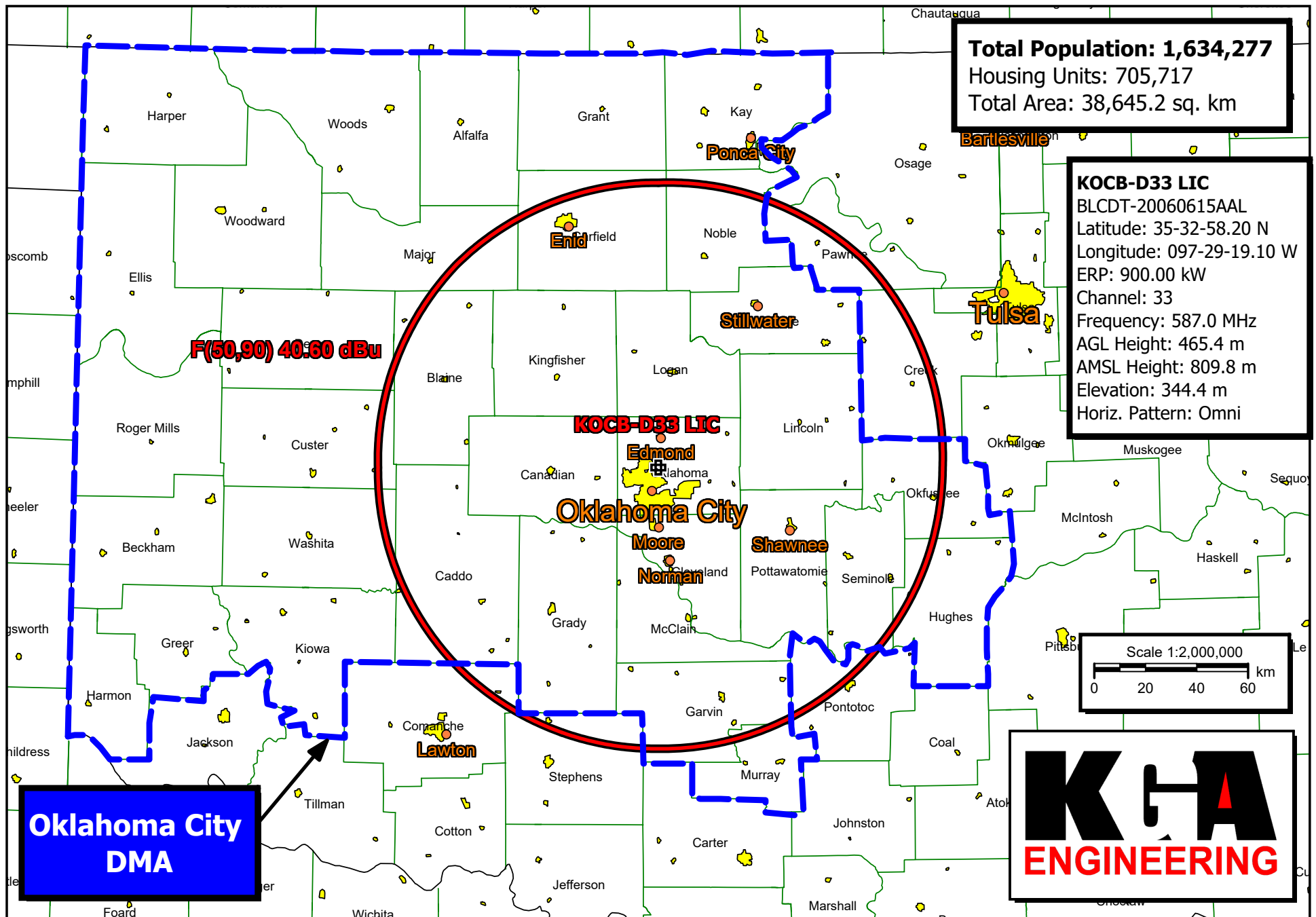


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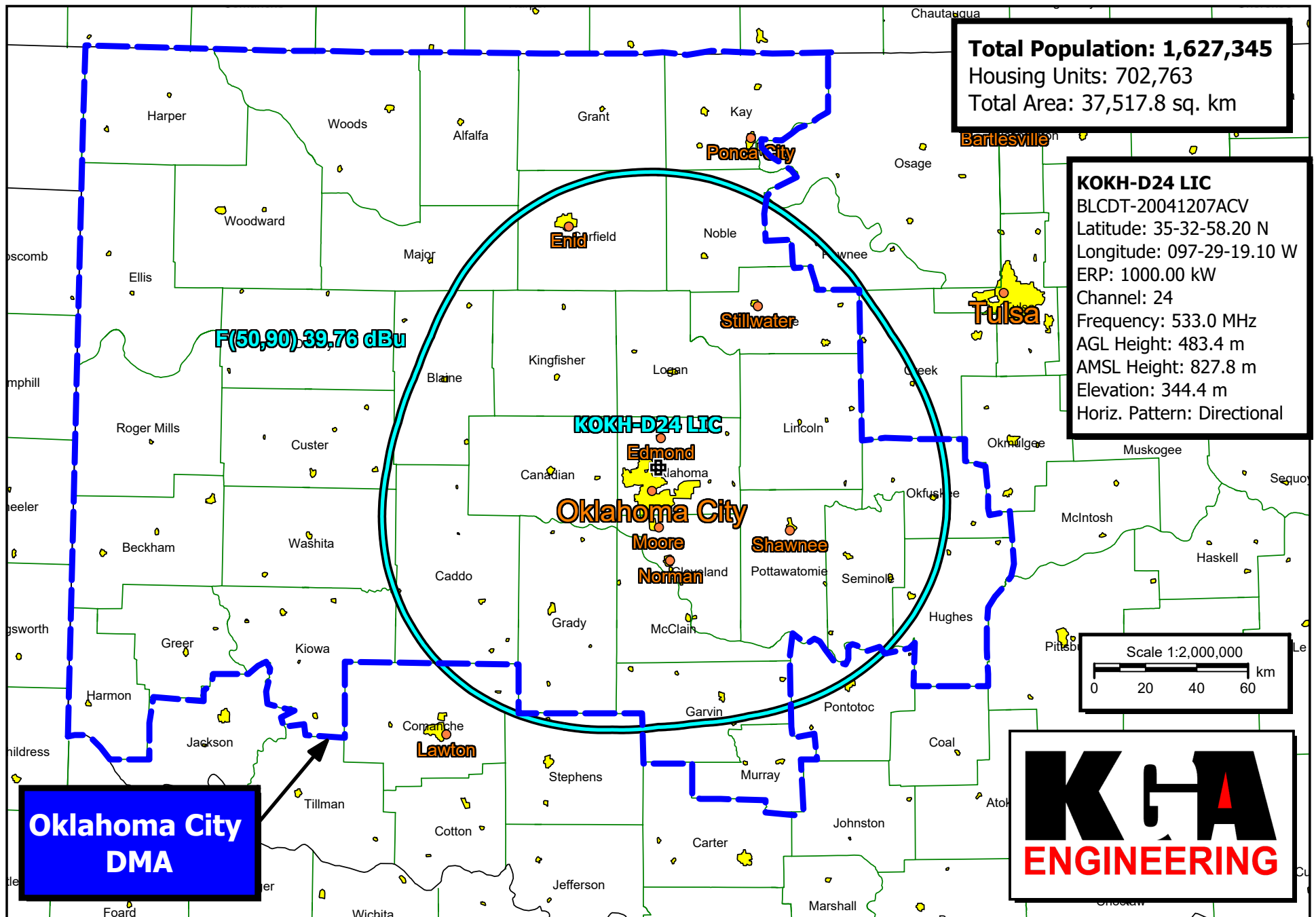
September 18, 2020



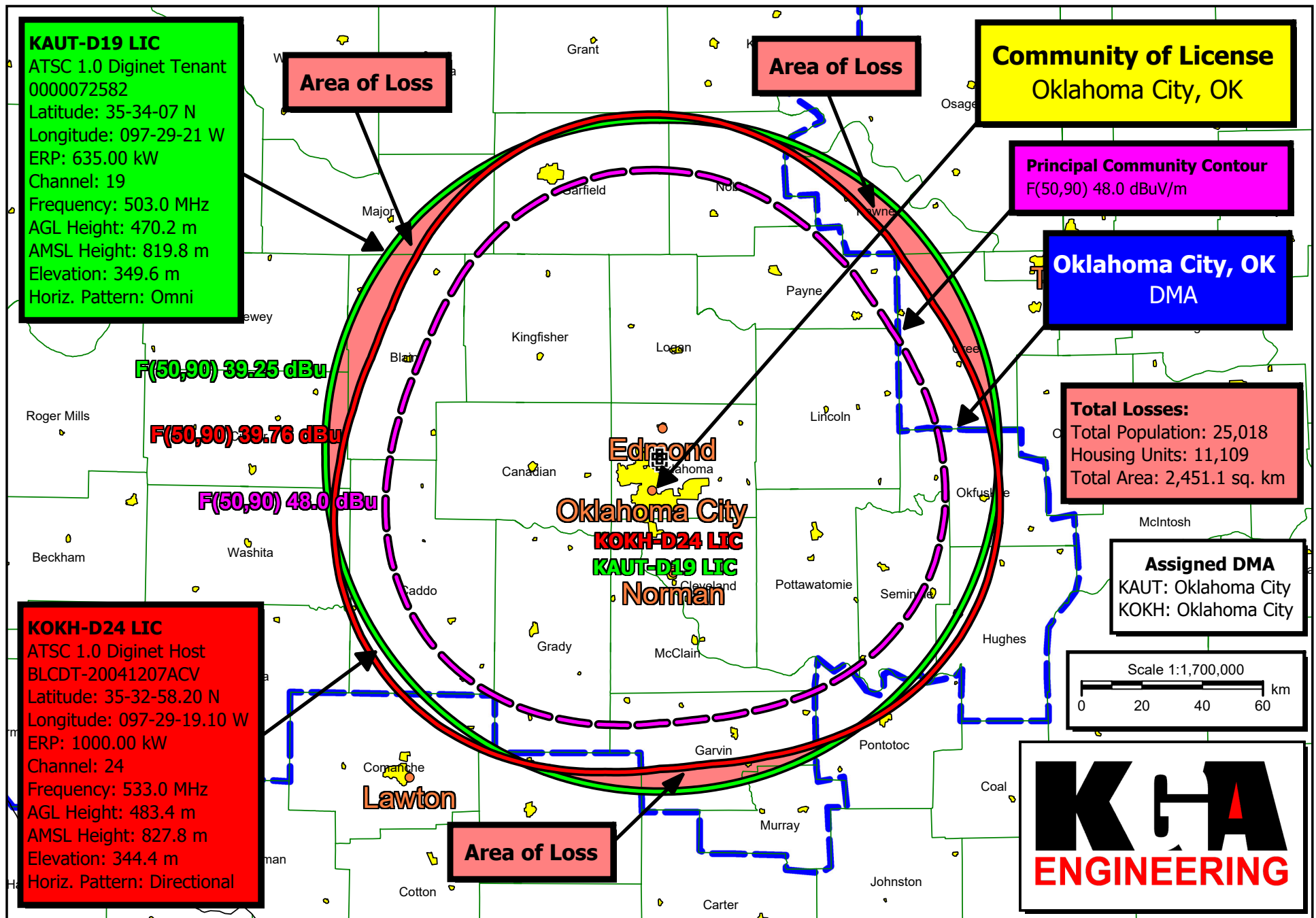
KAUT-DT Channel 19 License Population Within Protected Noise Limited Contour EXHIBIT 1



KOCB-DT Channel 33 License Population Within Protected Noise Limited Contour EXHIBIT 2



KOKH-DT Channel 24 License Population Within Protected Noise Limited Contour EXHIBIT 3



KAUT Original ATSC 1.0 Population Loss as Tenant Station (0.1% Loss)