

**JCE LICENSES, L.L.C.**  
**KCKN (Proposed) Roswell, New Mexico**

**Exhibit EE4 Daytime Groundwave Allocation Study**

The following facilities, applications and authorizations were considered in developing the contours proposed in this application. Those that required further investigation or added to display the closest allocation on a given frequency, are marked with an asterisk. The marked facilities are shown on an allocation study in this exhibit.

**\*KSVP 990 32.4929 104.2359 1.00KWND1**  
**B BL ARTESIA NM**  
**DISTANCE(KM)= 71.8 AZIMUTH= 172.5IFRB LIST= 00**  
**RMS= 289.680000**

**\*KTNZ 1010 35.1103 101.4128 5.00KWDA2**  
**B BL880428AC AMARILLO TX**  
**DISTANCE(KM)= 321.0 AZIMUTH= 52.7IFRB LIST= 04**  
**RMS= 633.040000**

**\*XELO 1010 28.3723 106.0633 1.00KWND1**  
**B CHIHUAHUA CH**  
**DISTANCE(KM)= 559.7 AZIMUTH= 196.3IFRB LIST= 00**  
**RMS= 305.570000**

**\*XETX 1010 30.2530 107.5441 1.00KWND1**  
**B NUEVO CASAS GRANDES CH**  
**DISTANCE(KM)= 466.7 AZIMUTH= 224.5IFRB LIST= 00**  
**RMS= 239.620000**

**\*XENV 1010 29.3400 104.2400 .50KWND1**  
**B OJINAGA CH**  
**DISTANCE(KM)= 435.4 AZIMUTH= 178.5IFRB LIST= 00**  
**RMS= 216.028200**

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\*XEKD 1010 29.1818 100.5533 .50KWND1  
B CD.ACUÑA CI  
DISTANCE(KM)= 573.4 AZIMUTH= 142.8IFRB LIST= 00  
RMS= 179.039400

\*KCKN 1020 33.2753 104.2958 50.00KWDA2  
B BL14409 ROSWELL NM  
DISTANCE(KM)= .0 AZIMUTH= .0IFRB LIST= 04  
RMS= 2188.710000

\*KOKP 1020 36.1535 97.1301 .40KWDA2  
B BL880909AB PERRY OK  
DISTANCE(KM)= 733.2 AZIMUTH= 62.9IFRB LIST=  
RMS= 193.470000

\*NEW 1020 31.2000 110.5600 10.00KWDAN  
B NOGALES AZ  
DISTANCE(KM)= 649.4 AZIMUTH= 250.2IFRB LIST=  
RMS= 966.929600

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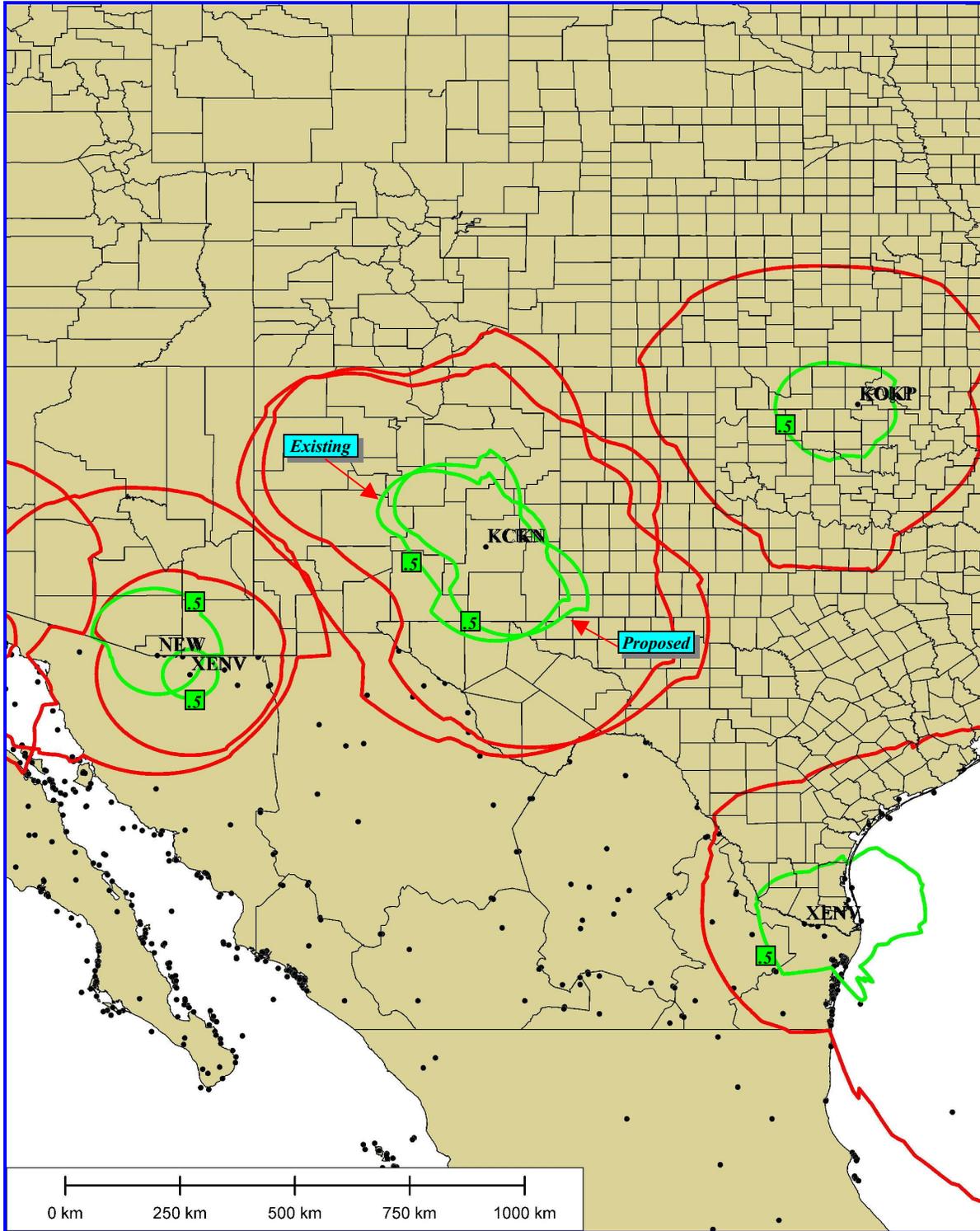
\*XENV 1020 30.5723 110.1728 1.00KWND1  
B CANANEA SO  
DISTANCE(KM)= 611.9 AZIMUTH= 244.5IFRB LIST=  
RMS= 303.080000

\*KBUF 1030 38.0001 100.5354 2.50KWDA2  
B BL050608JD HOLCOMB KS  
DISTANCE(KM)= 599.8 AZIMUTH= 31.8IFRB LIST= 00  
RMS= 493.426000

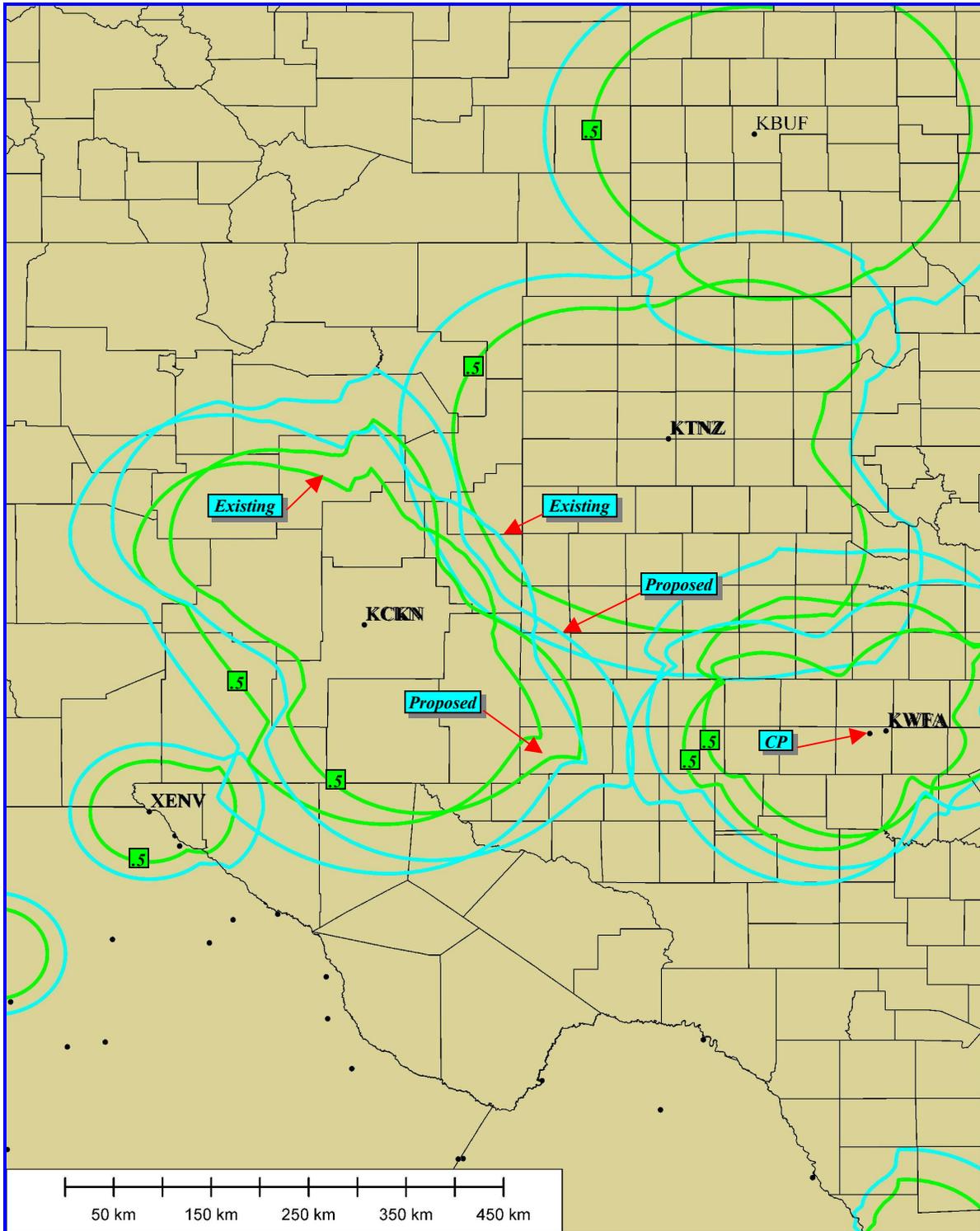
\*KWFA 1030 32.2901 99.4101 5.00KWDA2  
B 40130IGADBS ABILENE TX  
DISTANCE(KM)= 462.2 AZIMUTH= 102.3IFRB LIST= 00  
RMS= 696.170000

\*KWFA 1030 32.2737 99.5003 5.00KWDA2  
B BP870303AG TYE TX  
DISTANCE(KM)= 449.2 AZIMUTH= 103.1IFRB LIST= 00  
RMS= 747.690000

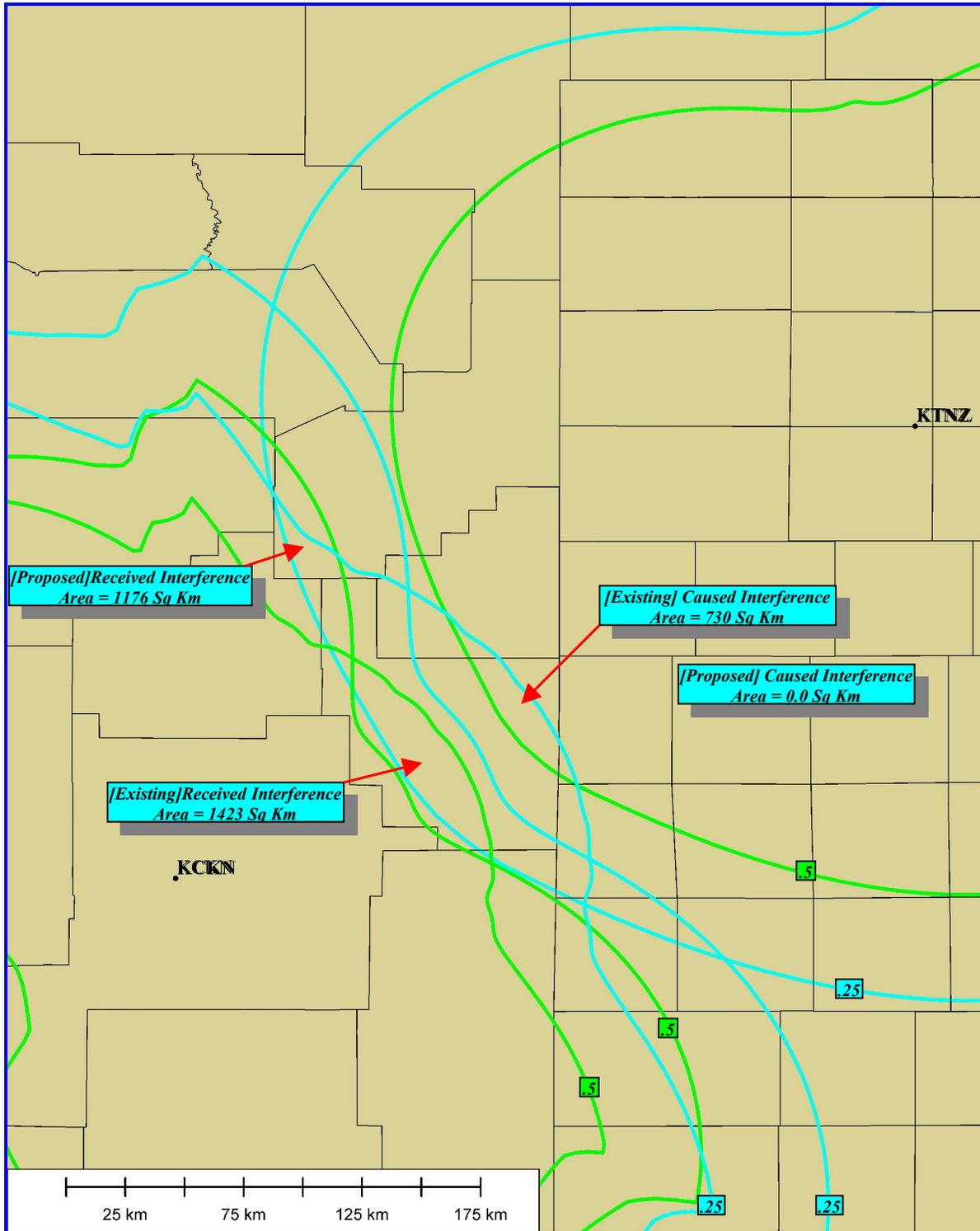
\*XENV 1030 31.4414 106.2908 1.00KWND1  
B CD.JUAREZ CH  
DISTANCE(KM)= 267.4 AZIMUTH= 224.6IFRB LIST= 00  
RMS= 305.520000



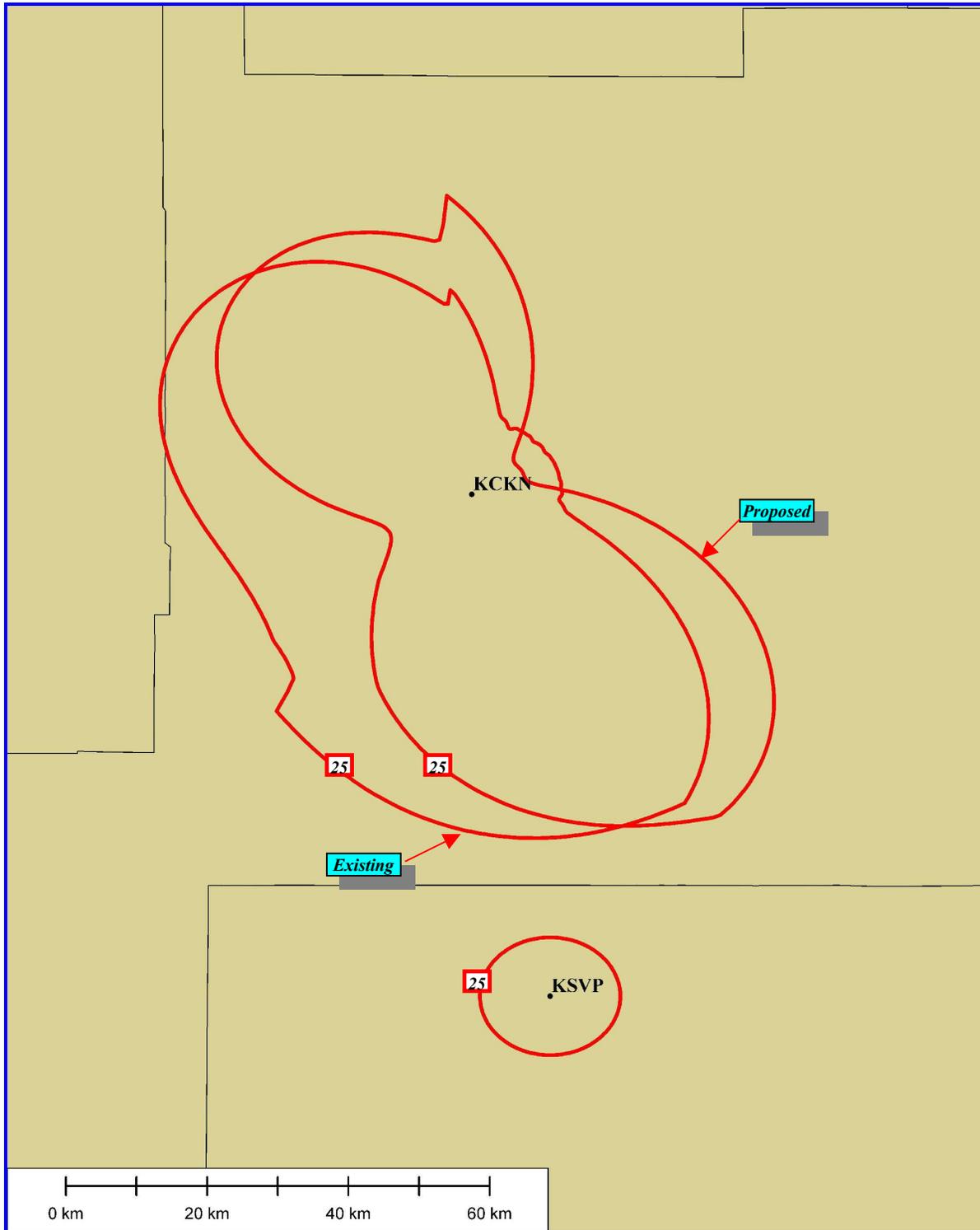
**Exhibit EE4A**  
*Salient Co Channel Allocations*



**Exhibit EE4B**  
*Salient First Adjacent Channel Allocations*



**Exhibit EE4C**  
*First Adjacent Channel Interference Analysis*



**Exhibit EE4D**  
*Salient 2<sup>nd</sup>/3<sup>rd</sup> Adjacent Channel Allocations*