

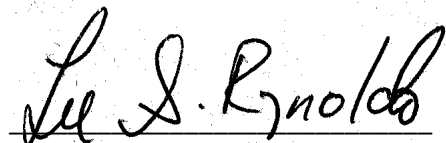
**Engineering Statement
In Support of an
Application for an Auxiliary License
KATT-FM, Channel 263C1, Oklahoma City, OK**

Citadel Broadcasting Company, the licensee of KATT-FM, channel 263C1 in Oklahoma City, Oklahoma, hereby files an application for an auxiliary construction permit. KATT-FM recently moved its main facility's location in BLH-20080324AAX. Citadel now seeks to use the old KATT-FM licensed facility (BLH-19841105DA) as its new auxiliary facility. The proposed facility will supersede the current KATT-FM auxiliary facility (BLH-19850227KC).

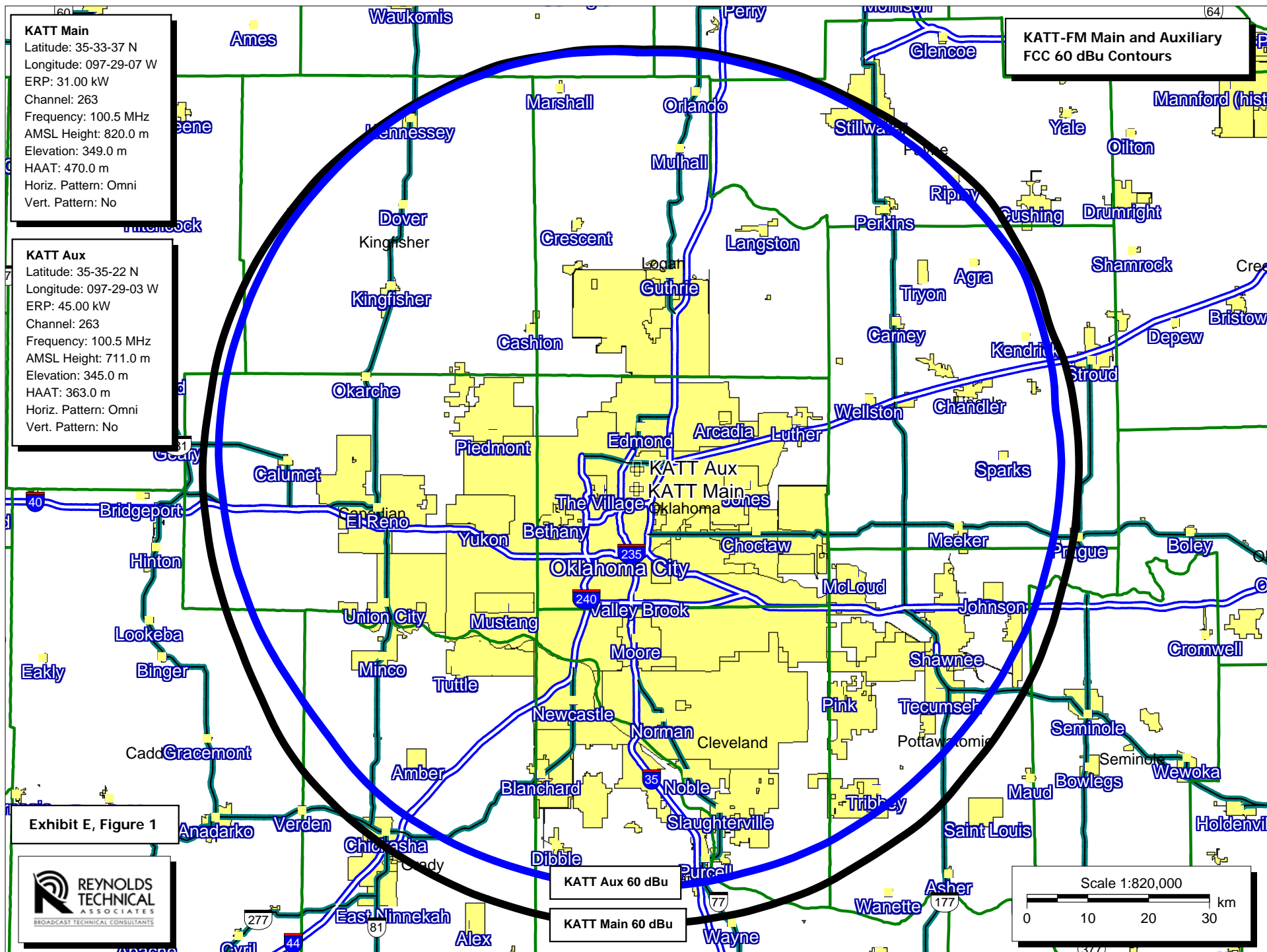
Exhibit E, Figure 1 is a map showing that if the ERP of the proposed auxiliary facility is 45 kW, the FCC 60 dBu contour of this new auxiliary facility will lie completely within the FCC 60 dBu contour of KATT's new main facility. Exhibit E, Figures 2 and 3 show the distances to the respective 60 dBu contours and the terrain and ERP upon which these distances were derived. Exhibit E, Figure 4 is a vertical sketch showing the pertinent elevations for the KATT antenna.

Using RF Worksheet #1A, the amount of radiofrequency radiation 2 meters above ground at the base of the tower is 2.27% of the FCC's uncontrolled limit. Therefore, the proposed facility would not create any risk of human exposure to radiofrequency radiation.

For the applicant:


Lee S. Reynolds

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6930 Cahaba Valley Road, Suite 202
Birmingham, AL 35242
205-618-2020



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KATT Main Facility Terrain/Contour Study

Azimuth	Average			Distance to
(°T)	Terrain (m)	HAAT (m)	ERP (dBk)	F(50,50)
				60 dBu (km)
0.0	351.4	468.6	14.914	72.3
5.0	347.8	472.2	14.914	72.5
10.0	344.8	475.2	14.914	72.7
15.0	344.6	475.4	14.914	72.8
20.0	342.1	477.9	14.914	72.9
25.0	340.0	480.0	14.914	73.1
30.0	337.1	482.9	14.914	73.3
35.0	330.4	489.6	14.914	73.8
40.0	326.5	493.5	14.914	74.0
45.0	319.0	501.0	14.914	74.5
50.0	312.1	507.9	14.914	75.0
55.0	318.2	501.8	14.914	74.6
60.0	324.3	495.7	14.914	74.2
65.0	333.3	486.7	14.914	73.6
70.0	341.0	479.0	14.914	73.0
75.0	336.0	484.0	14.914	73.4
80.0	338.9	481.1	14.914	73.2
85.0	342.1	477.9	14.914	72.9
90.0	347.3	472.7	14.914	72.6
95.0	350.2	469.8	14.914	72.3
100.0	354.5	465.5	14.914	72.0
105.0	357.7	462.3	14.914	71.8
110.0	357.2	462.8	14.914	71.8
115.0	356.6	463.4	14.914	71.9
120.0	358.1	461.9	14.914	71.8
125.0	358.7	461.3	14.914	71.7
130.0	360.2	459.8	14.914	71.6
135.0	355.4	464.6	14.914	72.0
140.0	354.3	465.7	14.914	72.0
145.0	358.3	461.7	14.914	71.8
150.0	359.1	460.9	14.914	71.7
155.0	356.1	463.9	14.914	71.9
160.0	357.5	462.5	14.914	71.8

continued

Azimuth	Average			Distance to
(°T)	Terrain (m)	HAAT (m)	ERP (dBk)	F(50,50)
				60 dBu (km)
165.0	358.1	461.9	14.914	71.8
170.0	360.4	459.6	14.914	71.6
175.0	361.2	458.8	14.914	71.5
180.0	361.4	458.6	14.914	71.5
185.0	360.7	459.3	14.914	71.6
190.0	358.3	461.7	14.914	71.7
195.0	359.2	460.8	14.914	71.7
200.0	359.2	460.8	14.914	71.7
205.0	358.9	461.1	14.914	71.7
210.0	358.6	461.4	14.914	71.7
215.0	357.3	462.7	14.914	71.8
220.0	357.3	462.7	14.914	71.8
225.0	357.9	462.1	14.914	71.8
230.0	358.8	461.2	14.914	71.7
235.0	363.5	456.5	14.914	71.4
240.0	373.3	446.7	14.914	70.7
245.0	378.3	441.7	14.914	70.3
250.0	380.2	439.8	14.914	70.2
255.0	377.8	442.2	14.914	70.3
260.0	373.8	446.2	14.914	70.6
265.0	370.7	449.3	14.914	70.8
270.0	365.5	454.5	14.914	71.2
275.0	362.8	457.2	14.914	71.4
280.0	361.6	458.4	14.914	71.5
285.0	356.4	463.6	14.914	71.9
290.0	350.6	469.4	14.914	72.3
295.0	347.7	472.3	14.914	72.5
300.0	344.4	475.6	14.914	72.8
305.0	343.2	476.8	14.914	72.9
310.0	341.7	478.3	14.914	73.0
315.0	339.1	480.9	14.914	73.2
320.0	340.3	479.7	14.914	73.1
325.0	340.7	479.3	14.914	73.0
330.0	340.3	479.7	14.914	73.1
335.0	340.0	480.0	14.914	73.1
340.0	337.8	482.2	14.914	73.3
345.0	340.5	479.5	14.914	73.1
350.0	345.1	474.9	14.914	72.7
355.0	347.4	472.6	14.914	72.6

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KATT Auxiliary Facility Terrain/Contour Study

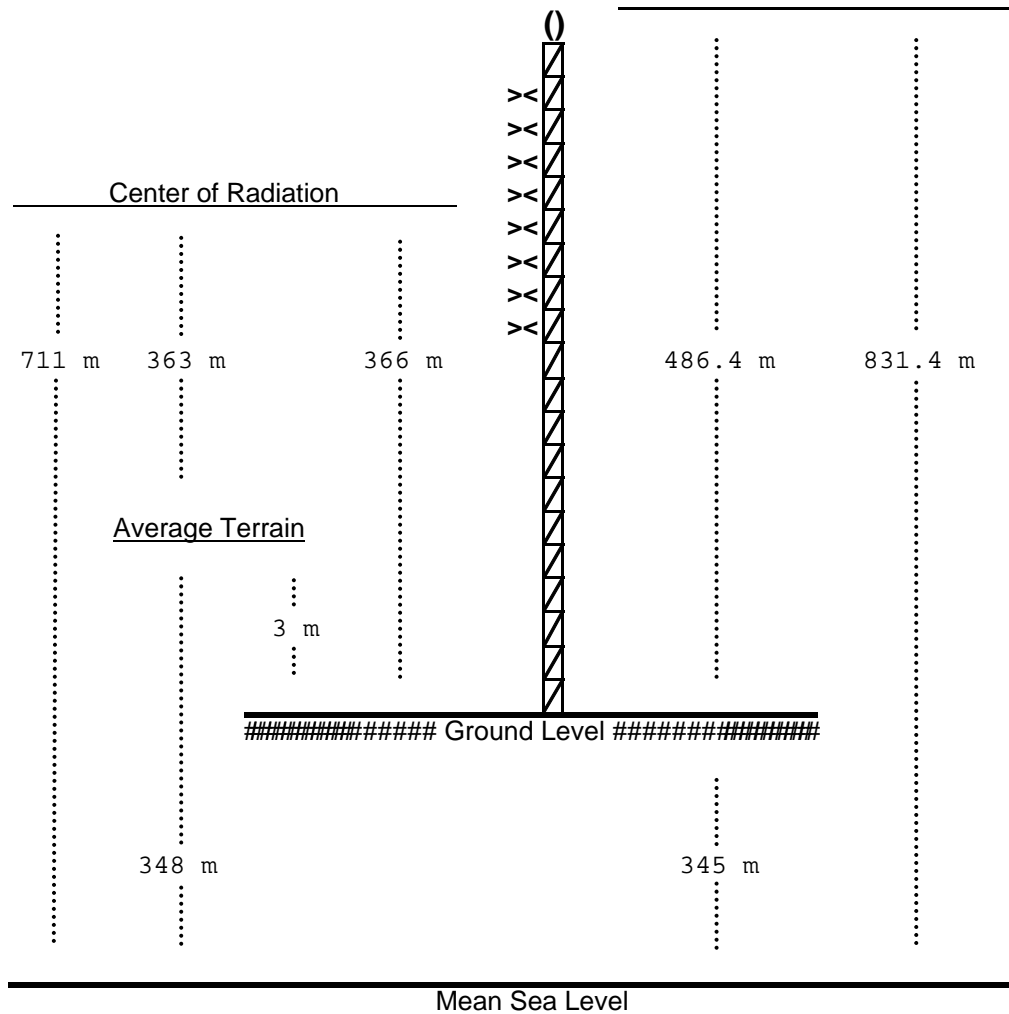
Azimuth	Average			Distance to
(°T)	Terrain (m)	HAAT (m)	ERP (dBk)	F(50,50)
				60 dBu (km)
0.0	353.4	357.6	16.532	68.5
5.0	350.2	360.8	16.532	68.7
10.0	347.1	363.9	16.532	68.9
15.0	347.4	363.6	16.532	68.9
20.0	344.2	366.8	16.532	69.1
25.0	341.4	369.6	16.532	69.3
30.0	339.1	371.9	16.532	69.5
35.0	337.9	373.1	16.532	69.6
40.0	334.6	376.4	16.532	69.8
45.0	331.3	379.7	16.532	70.0
50.0	329.0	382.0	16.532	70.2
55.0	322.5	388.5	16.532	70.6
60.0	314.7	396.3	16.532	71.2
65.0	315.3	395.7	16.532	71.1
70.0	323.3	387.7	16.532	70.6
75.0	328.0	383.0	16.532	70.3
80.0	336.0	375.0	16.532	69.7
85.0	336.7	374.3	16.532	69.7
90.0	336.1	374.9	16.532	69.7
95.0	339.3	371.7	16.532	69.5
100.0	341.2	369.8	16.532	69.3
105.0	343.7	367.3	16.532	69.2
110.0	343.6	367.4	16.532	69.2
115.0	346.9	364.1	16.532	68.9
120.0	348.3	362.7	16.532	68.8
125.0	351.2	359.8	16.532	68.7
130.0	352.3	358.7	16.532	68.6
135.0	352.5	358.5	16.532	68.6
140.0	351.8	359.2	16.532	68.6
145.0	350.4	360.6	16.532	68.7
150.0	349.9	361.1	16.532	68.7
155.0	349.2	361.8	16.532	68.8
160.0	350.2	360.8	16.532	68.7

continued

Azimuth (°T)	Average Terrain (m)	HAAT (m)	ERP (dBk)	Distance to F(50,50) 60 dBu (km)
165.0	352.1	358.9	16.532	68.6
170.0	350.7	360.3	16.532	68.7
175.0	351.8	359.2	16.532	68.6
180.0	352.4	358.6	16.532	68.6
185.0	352.9	358.1	16.532	68.5
190.0	352.7	358.3	16.532	68.5
195.0	353.9	357.1	16.532	68.5
200.0	354.0	357.0	16.532	68.5
205.0	353.6	357.4	16.532	68.5
210.0	354.9	356.1	16.532	68.4
215.0	354.8	356.2	16.532	68.4
220.0	359.2	351.8	16.532	68.1
225.0	366.8	344.2	16.532	67.5
230.0	375.1	335.9	16.532	67.0
235.0	377.1	333.9	16.532	66.8
240.0	375.6	335.4	16.532	66.9
245.0	371.2	339.8	16.532	67.2
250.0	367.9	343.1	16.532	67.5
255.0	364.8	346.2	16.532	67.7
260.0	361.4	349.6	16.532	67.9
265.0	357.8	353.2	16.532	68.2
270.0	351.6	359.4	16.532	68.6
275.0	347.4	363.6	16.532	68.9
280.0	344.6	366.4	16.532	69.1
285.0	342.2	368.8	16.532	69.3
290.0	341.2	369.8	16.532	69.3
295.0	338.2	372.8	16.532	69.5
300.0	335.9	375.1	16.532	69.7
305.0	333.5	377.5	16.532	69.9
310.0	333.8	377.2	16.532	69.8
315.0	333.2	377.8	16.532	69.9
320.0	332.5	378.5	16.532	69.9
325.0	332.5	378.5	16.532	69.9
330.0	334.0	377.0	16.532	69.8
335.0	335.7	375.3	16.532	69.7
340.0	337.7	373.3	16.532	69.6
345.0	339.5	371.5	16.532	69.5
350.0	341.9	369.1	16.532	69.3
355.0	347.7	363.3	16.532	68.9

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Vertical Sketch



Proposed Location: 35° 35' 22" N. Lat. 97° 29' 03" W. Long. [NAD27]

NOT DRAWN TO SCALE

Proposed Antenna: 8 elements

ASRN: 1057883