

KTCK - DALLAS TX

Freq: 1310 kHz / Class: B
Latitude: 32-56-41 N / Longitude: 096-56-25 W
Power: 25 kW / RMS: 2203.201 mV/m @1km
Towers: 4

**CO-CHANNEL
ALLOCATION CLEARANCE****GRAHAM BROCK, INC.**

BROADCAST TECHNICAL CONSULTANTS

KZIP +

0.5 mV/m

0.025 mV/m

KZIP - AMARILLO, TX

Freq: 1310 kHz / Class: D
Latitude: 35-11-02 N / Longitude: 101-58-11 W
Power: 1 kW / RMS: 308.99 mV/m @1km
Towers: 1

KAHL - SAN ANTONIO, TX

Freq: 1310 kHz / Class: B
Latitude: 29-24-53 N / Longitude: 098-20-36 W
Power: 5 kW / RMS: 648.57 mV/m @1km
Towers: 2

EXHIBIT #2C**MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP****KTCK AM RADIO STATION**

has: 1310 kHz - 5.0/9.0 kW - DA2

req: 1310 kHz - 5.0/25.0 kW - DA2

DALLAS, TEXAS**November 2009**

KTCK +

KBOK +

KZRG - JOPLIN, MO

Freq: 1310 kHz / Class: B
Latitude: 37-07-03 N / Longitude: 094-32-41 W
Power: 5 kW / RMS: 653.39 mV/m @1km
Towers: 2

KBOK - MALVERN, AR

Freq: 1310 kHz / Class: D
Latitude: 34-22-25 N / Longitude: 092-49-52 W
Power: 1 kW / RMS: 313.02 mV/m @1km
Towers: 1

KAHL +

Scale 1:5,000,000

0 70 140 210 km

MAP : FCC M-3

KTCK - DALLAS TX

Freq: 1310 kHz / Class: B
Latitude: 32-56-41 N / Longitude: 096-56-25 W
Power: 25 kW / RMS: 2203.201 mV/m @1km
Towers: 4

— 0.5 mV/m
— 0.25 mV/m

KCLI - CLINTON, OK

Freq: 1320 kHz / Class: D
Latitude: 35-29-00 N / Longitude: 098-58-54 W
Power: 1 kW / RMS: 339.91 mV/m @1km
Towers: 1

KAKC - TULSA, OK

Freq: 1300 kHz / Class: B
Latitude: 35-59-40 N / Longitude: 095-51-27 W
Power: 5 kW / RMS: 733.06 mV/m @1km
Towers: 3

KVET - AUSTIN, TX

Freq: 1300 kHz / Class: B
Latitude: 30-22-30 N / Longitude: 097-42-58 W
Power: 5 kW / RMS: 700.06 mV/m @1km
Towers: 3

**1st ADJACENT-CHANNEL
ALLOCATION CLEARANCE****GRAHAM BROCK, INC.**

BROADCAST TECHNICAL CONSULTANTS

KWHN - FORT SMITH, AR

Freq: 1320 kHz / Class: B
Latitude: 35-24-36 N / Longitude: 094-21-30 W
Power: 5 kW / RMS: 310.6 mV/m @1km
Towers: 1

KNCB - VIVIAN, LA

Freq: 1320 kHz / Class: D
Latitude: 32-54-07 N / Longitude: 093-58-58 W
Power: 5 kW / RMS: 321.87 mV/m @1km
Towers: 1

KSYB - SHREVEPORT, LA

Freq: 1300 kHz / Class: D
Latitude: 32-31-48 N / Longitude: 093-48-16 W
Power: 5 kW / RMS: 305.77 mV/m @1km
Towers: 1

EXHIBIT #2D
MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

KVET

KTCK

KNCB

KSYB

KAKC

KCLI

KWHN

Scale 1:5,000,000

0 70 140 210 km

MAP: FCC M-3

KTCK - DALLAS TX

Freq: 1310 kHz / Class: B

Latitude: 32-56-41 N / Longitude: 096-56-25 W

Power: 25 kW / RMS: 2203.201 mV/m @1km

Towers: 4

— 25.0 mV/m

— 5.0 mV/m

**2nd & 3rd ADJACENT-CHANNEL
ALLOCATION CLEARANCE****GRAHAM BROCK, INC.**

BROADCAST TECHNICAL CONSULTANTS

KSWA - GRAHAM, TX

Freq: 1330 kHz / Class: D

Latitude: 33-07-37 N / Longitude: 098-35-35 W

Power: 0.5 kW / RMS: 310.6 mV/m @1km

Towers: 1

KAND - CORSICANA, TX

Freq: 1340 kHz / Class: C

Latitude: 32-06-53 N / Longitude: 096-27-47 W

Power: 1 kW / RMS: 241.4 mV/m @1km

Towers: 1

+
KSWA+
KTCK+
KAND

15

8

30

4

EXHIBIT #2E
MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

Scale 1:2,500,000

0 30 60 90 km

MAP : FCC M-3

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2F

KZIP, Amarillo, TX - 1310 kHz - 1.0 kW - ND

North Latitude: 35° 11' 02"
West Longitude: 101° 58' 11"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.025			.500	.025
60.0	308.99	119.99	308.18	135.0	308.99	119.99	325.14
65.0	308.99	119.99	302.35	140.0	308.99	119.99	312.49
70.0	308.99	119.99	295.46	145.0	308.99	119.99	303.25
75.0	308.99	112.22	271.04	150.0	308.99	119.99	297.56
80.0	308.99	112.45	271.27	155.0	308.99	119.99	293.09
85.0	308.99	113.91	272.73	160.0	308.99	119.99	287.43
90.0	308.99	116.96	275.78	165.0	308.99	119.99	281.46
95.0	308.99	119.99	279.67	170.0	308.99	119.68	278.50
100.0	308.99	119.99	284.61	175.0	308.99	118.83	277.65
105.0	308.99	119.99	291.01	180.0	308.99	118.28	277.10
110.0	308.99	119.99	304.25	185.0	308.99	118.03	276.85
115.0	308.99	119.99	325.14	190.0	308.99	118.09	276.91
120.0	308.99	119.99	325.14	195.0	308.99	118.45	277.27
125.0	308.99	119.99	325.14	200.0	308.99	119.24	278.07
130.0	308.99	119.99	325.14				

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.										
Azimuth										
60.0	30.0E	210.9	15.0E	283.9	30.0E	650.4	15.0E	988.8	8.0E	1158.6
65.0	30.0E	195.4	15.0E	291.9	30.0E	630.9	15.0E	802.2	8.0E	1064.1
70.0	30.0E	174.4	15.0E	302.0	30.0E	619.1	15.0E	690.9	8.0E	1099.4
75.0	30.0E	97.5	15.0E	314.1	30.0E	466.7	8.0E	548.2	15.0E	634.6
80.0	30.0E	98.1	15.0E	329.9	30.0E	412.6	15.0E	436.4	30.0E	442.4
85.0	30.0E	102.3	15.0E	354.3	30.0E	408.3	15.0E	628.9	8.0E	1150.8
90.0	30.0E	111.1	15.0E	381.9	30.0E	456.9	15.0E	756.9	4.0E	938.6
95.0	30.0E	122.5	15.0E	343.5	30.0E	472.6	15.0E	723.3	4.0E	970.9
100.0	30.0E	137.8	15.0E	333.7	30.0E	478.0	15.0E	635.2	4.0E	960.8
105.0	30.0E	158.7	15.0E	337.9	30.0E	473.8	15.0E	568.8	30.0E	635.0
110.0	30.0E	209.2	15.0E	327.4	30.0E	631.1	8.0E	830.2	15.0E	912.4
115.0	30.0E	429.1	15.0E	512.9	30.0E	631.9	8.0E	908.4	15.0E	982.3
120.0	30.0E	382.0	15.0E	545.9	30.0E	635.2	8.0E	690.6	4.0E	796.3
125.0	30.0E	370.7	15.0E	646.4	4.0E	802.3	8.0E	930.5	30.0E	993.0
130.0	30.0E	362.9	15.0E	661.0	4.0E	842.7	15.0E	870.1	30.0E	903.5
135.0	30.0E	339.3	8.0E	358.3	15.0E	611.2	30.0E	674.6	15.0E	895.5
140.0	30.0E	158.1	15.0E	193.4	30.0E	317.3	8.0E	356.8	15.0E	540.1
145.0	30.0E	145.2	15.0E	208.3	30.0E	309.2	8.0E	364.5	15.0E	454.2
150.0	30.0E	137.1	15.0E	218.2	30.0E	302.5	8.0E	708.2	15.0E	851.3
155.0	30.0E	130.8	15.0E	224.5	30.0E	290.8	15.0E	332.4	8.0E	694.5
160.0	30.0E	126.0	15.0E	231.5	30.0E	271.6	15.0E	352.2	8.0E	681.7
165.0	30.0E	122.4	15.0E	242.6	30.0E	253.7	15.0E	355.1	8.0E	861.8
170.0	30.0E	119.1	15.0E	362.3	8.0E	677.7	3.0E	1077.6	1.5E	1300.0
175.0	30.0E	116.5	15.0E	377.1	8.0E	605.7	3.0E	931.3	1.5E	1300.0
180.0	30.0E	114.9	15.0E	365.8	8.0E	597.2	3.0E	742.7	1.5E	1113.6
185.0	30.0E	114.2	15.0E	345.2	8.0E	604.9	3.0E	682.5	1.5E	953.8
190.0	30.0E	114.3	15.0E	330.2	8.0E	699.7	1.5E	916.8	4.0E	1272.8
195.0	30.0E	115.4	15.0E	318.7	8.0E	681.3	1.5E	806.7	4.0E	1179.9
200.0	30.0E	117.7	15.0E	310.6	8.0E	666.9	1.5E	772.9	4.0E	1092.9

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2G

KAHL, San Antonio, TX - 1310 kHz - 5.0 kW - DA

North Latitude: 29° 24' 53"
West Longitude: 98° 20' 36"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.025			.500	.025
305.0	943.98	97.17	270.69	20.0	130.18	46.49	142.20
310.0	924.94	95.80	268.54	25.0	90.28	41.53	125.16
315.0	896.07	94.16	265.70	30.0	61.88	37.44	109.97
320.0	857.69	92.22	262.11	35.0	44.99	33.88	119.31
325.0	810.52	89.94	257.53	40.0	38.63	31.17	116.90
330.0	755.63	87.32	252.08	45.0	37.71	30.76	115.84
335.0	694.37	84.34	245.77	50.0	37.74	30.77	115.87
340.0	628.43	81.03	238.47	55.0	39.26	31.45	117.61
345.0	559.94	77.43	230.17	60.0	47.44	34.85	126.27
350.0	490.68	73.56	220.89	65.0	66.65	41.51	143.17
355.0	422.17	69.53	210.74	70.0	96.82	49.70	163.78
0.0	355.70	65.34	199.55	75.0	136.40	58.06	184.54
5.0	292.30	60.94	187.19	80.0	184.06	66.12	204.17
10.0	232.90	56.32	173.61	85.0	238.69	73.70	226.67
15.0	178.43	51.50	158.59				

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.									
Azimuth									
300.0	15.0E	28.1	8.0E	753.9	4.0E	989.5	8.0E	1065.3	4.0E 1221.4
305.0	15.0E	25.7	8.0E	738.5	4.0E	865.5	15.0E	1033.8	8.0E 1233.8
310.0	15.0E	23.8	8.0E	415.3	15.0E	747.2	8.0E	859.2	15.0E 1107.3
315.0	15.0E	22.3	8.0E	402.1	15.0E	798.1	8.0E	889.2	15.0E 1124.8
320.0	15.0E	21.1	8.0E	391.6	15.0E	960.1	2.0E	1057.1	4.0E 1110.1
325.0	15.0E	20.2	8.0E	381.6	15.0E	656.0	30.0E	704.3	15.0E 1004.4
330.0	15.0E	19.6	8.0E	396.9	15.0E	438.6	30.0E	500.0	15.0E 608.9
335.0	15.0E	19.1	8.0E	421.7	30.0E	515.4	15.0E	577.9	30.0E 803.0
340.0	15.0E	18.7	8.0E	324.3	15.0E	372.3	8.0E	418.7	30.0E 880.7
345.0	15.0E	18.6	8.0E	261.6	15.0E	386.3	8.0E	413.9	30.0E 601.8
350.0	15.0E	18.5	8.0E	244.1	15.0E	402.4	30.0E	557.5	15.0E 828.2
355.0	15.0E	18.9	8.0E	231.9	15.0E	422.5	30.0E	528.6	15.0E 770.7
0.0	15.0E	19.7	8.0E	222.4	15.0E	447.2	30.0E	532.1	15.0E 534.7
5.0	15.0E	20.7	8.0E	215.3	15.0E	453.9	30.0E	637.6	15.0E 660.1
10.0	15.0E	22.0	8.0E	210.1	15.0E	457.9	30.0E	651.1	15.0E 702.3
15.0	15.0E	23.7	8.0E	206.2	15.0E	462.4	30.0E	502.2	15.0E 701.9
20.0	15.0E	25.8	8.0E	203.4	15.0E	391.9	30.0E	500.6	15.0E 1300.0
25.0	15.0E	28.7	8.0E	169.3	30.0E	258.6	15.0E	344.4	30.0E 534.0
30.0	15.0E	32.5	8.0E	116.9	15.0E	124.8	30.0E	257.4	15.0E 346.3
35.0	15.0E	51.9	8.0E	61.4	15.0E	138.3	30.0E	246.0	15.0E 344.3
40.0	15.0E	183.3	30.0E	227.7	15.0E	237.4	4.0E	369.5	8.0E 568.4
50.0	15.0E	227.2	4.0E	425.5	8.0E	555.6	15.0E	641.0	4.0E 831.2
55.0	15.0E	224.9	4.0E	462.9	8.0E	551.1	15.0E	619.2	4.0E 735.8
60.0	15.0E	226.9	4.0E	358.0	8.0E	542.4	15.0E	597.3	4.0E 671.1
65.0	15.0E	230.9	4.0E	344.6	8.0E	531.4	15.0E	583.7	4.0E 647.3
70.0	15.0E	238.6	4.0E	254.5	15.0E	256.2	4.0E	334.7	8.0E 524.9
75.0	15.0E	327.4	30.0E	341.5	8.0E	532.5	15.0E	598.0	8.0E 749.3
80.0	15.0E	176.7	30.0E	176.8	15.0E	323.2	30.0E	449.5	8.0E 486.9
85.0	15.0E	163.4	30.0E	186.3	15.0E	279.6	30.0E	323.4	5000.0E 353.6

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2H

KZRG, Joplin, MO - 1310 kHz - 5.0 kW - DA

North Latitude: 37' 07' 03"
West Longitude: 94' 32' 41"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.025			.500	.025
160.0	999.80	92.73	272.51	215.0	360.81	78.33	242.73
165.0	1039.54	94.21	279.37	220.0	325.62	77.16	238.09
170.0	1045.96	94.44	281.69	225.0	318.54	78.00	232.66
175.0	1020.12	93.49	279.14	230.0	332.28	80.42	233.15
180.0	965.40	91.42	273.89	235.0	351.60	83.04	234.84
185.0	888.47	88.38	266.94	240.0	368.27	85.12	240.12
190.0	796.94	84.54	258.83	245.0	381.35	86.70	263.80
195.0	697.81	80.06	248.99	250.0	382.70	87.08	289.31
200.0	603.96	75.46	239.15	255.0	372.14	90.13	302.08
205.0	530.90	71.56	232.56	260.0	357.21	90.94	301.35
210.0	422.42	73.42	230.35				

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.											
Azimuth											
160.0	8.0E	194.9	15.0E	253.2	4.0E	668.3	8.0E	825.5	15.0E	893.0	5000.0E 1300.0
165.0	8.0E	189.4	15.0E	271.8	4.0E	462.6	15.0E	779.6	8.0E	809.0	15.0E 867.9
170.0	8.0E	189.5	15.0E	293.8	4.0E	457.8	8.0E	467.9	15.0E	570.2	8.0E 786.1
175.0	8.0E	192.8	15.0E	330.0	4.0E	433.2	8.0E	786.6	30.0E	825.0	5000.0E 1300.0
180.0	8.0E	196.5	15.0E	335.6	4.0E	426.0	8.0E	590.8	4.0E	635.8	8.0E 776.9
185.0	8.0E	197.2	15.0E	333.3	4.0E	428.2	8.0E	527.9	4.0E	780.0	15.0E 816.3
190.0	8.0E	192.9	15.0E	353.8	30.0E	392.6	4.0E	434.9	8.0E	587.1	4.0E 786.9
195.0	8.0E	185.1	15.0E	374.9	30.0E	561.0	8.0E	587.4	4.0E	733.3	15.0E 913.9
200.0	8.0E	174.2	15.0E	401.7	30.0E	583.4	15.0E	674.0	30.0E	774.8	15.0E 1263.2
205.0	8.0E	153.1	15.0E	425.0	30.0E	525.9	15.0E	721.1	8.0E	919.4	15.0E 1164.8
210.0	8.0E	31.3	15.0E	57.0	8.0E	125.6	15.0E	429.0	30.0E	467.8	15.0E 723.0
215.0	8.0E	23.4	15.0E	93.8	8.0E	96.1	15.0E	361.9	30.0E	489.1	15.0E 730.7
220.0	8.0E	18.8	15.0E	324.6	30.0E	518.3	15.0E	718.1	8.0E	1038.1	3.0E 1169.0
225.0	8.0E	15.5	15.0E	200.1	8.0E	259.1	15.0E	312.0	30.0E	633.3	8.0E 1217.3
230.0	8.0E	13.3	15.0E	180.6	8.0E	270.7	15.0E	321.3	30.0E	463.7	15.0E 502.5
235.0	8.0E	11.8	15.0E	165.8	8.0E	275.4	15.0E	323.9	30.0E	340.7	15.0E 533.0
240.0	8.0E	10.6	15.0E	139.7	30.0E	157.7	8.0E	261.7	30.0E	286.4	15.0E 306.1
245.0	8.0E	9.7	15.0E	104.1	30.0E	173.9	8.0E	236.0	30.0E	378.3	15.0E 576.2
250.0	8.0E	9.0	15.0E	89.2	30.0E	198.1	8.0E	218.4	30.0E	387.2	15.0E 593.7
255.0	8.0E	7.9	15.0E	79.2	30.0E	399.7	15.0E	516.4	30.0E	747.6	15.0E 938.7
260.0	8.0E	7.1	15.0E	74.4	30.0E	418.4	15.0E	489.3	30.0E	696.6	15.0E 959.8

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2I

KBOK, Malvern, AR - 1310 kHz - 1.0 kW - ND

North Latitude: 34' 22' 25"
West Longitude: 92' 49' 52"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:	
		Contour levels in mV/m. .500	.025			Contour levels in mV/m. .500	.025
190.0	313.02	39.54	141.30	250.0	313.02	39.54	141.30
195.0	313.02	39.54	141.30	255.0	313.02	39.54	141.30
200.0	313.02	39.54	141.30	260.0	313.02	39.54	145.40
205.0	313.02	39.54	141.30	265.0	313.02	39.54	148.64
210.0	313.02	39.54	141.30	270.0	313.02	39.54	151.27
215.0	313.02	39.54	141.30	275.0	313.02	39.54	153.82
220.0	313.02	39.54	141.30	280.0	313.02	39.54	156.34
225.0	313.02	39.54	141.30	285.0	313.02	39.54	158.42
230.0	313.02	39.54	141.30	290.0	313.02	39.54	159.98
235.0	313.02	39.54	141.30	295.0	313.02	39.54	161.05
240.0	313.02	39.54	141.30	300.0	313.02	39.54	161.58
245.0	313.02	39.54	141.30	305.0	313.02	39.54	161.73

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.											
Azimuth											
190.0	4.0E	148.4	15.0E	294.1	8.0E	489.6	30.0E	524.0	5000.0E	1300.0	
195.0	4.0E	147.6	15.0E	255.4	8.0E	487.7	30.0E	551.2	5000.0E	1300.0	
200.0	4.0E	153.9	15.0E	234.5	8.0E	500.1	30.0E	543.8	5000.0E	583.3	30.0E 599.0
205.0	4.0E	168.1	15.0E	219.1	8.0E	324.6	4.0E	362.8	8.0E	505.2	4.0E 515.0
210.0	4.0E	164.1	8.0E	328.2	4.0E	391.9	8.0E	430.3	4.0E	535.3	15.0E 640.7
215.0	4.0E	163.5	8.0E	342.1	4.0E	553.6	15.0E	681.5	30.0E	935.2	15.0E 1064.9
220.0	4.0E	168.0	8.0E	360.2	4.0E	538.4	15.0E	1018.9	3.0E	1187.6	1.5E 1300.0
225.0	4.0E	177.1	8.0E	380.9	4.0E	522.1	15.0E	933.0	8.0E	982.9	3.0E 1159.3
230.0	4.0E	188.7	8.0E	404.0	4.0E	426.4	15.0E	509.9	30.0E	591.5	8.0E 822.8
235.0	4.0E	207.9	8.0E	351.7	30.0E	426.4	15.0E	585.4	8.0E	943.2	3.0E 1085.3
240.0	4.0E	241.3	8.0E	303.6	30.0E	446.2	15.0E	617.6	8.0E	958.9	3.0E 1093.3
245.0	4.0E	268.9	30.0E	420.8	15.0E	654.4	8.0E	1194.3	1.5E	1291.3	4.0E 1300.0
250.0	4.0E	243.2	30.0E	409.1	15.0E	668.0	8.0E	1213.3	1.5E	1264.9	4.0E 1300.0
255.0	4.0E	224.7	30.0E	402.4	15.0E	650.9	8.0E	744.2	15.0E	897.7	8.0E 1235.6
260.0	4.0E	130.6	15.0E	165.3	4.0E	218.9	15.0E	372.1	30.0E	494.2	15.0E 519.0
265.0	4.0E	122.7	15.0E	384.2	30.0E	733.2	15.0E	1053.2	8.0E	1143.1	4.0E 1300.0
270.0	4.0E	116.6	15.0E	368.1	30.0E	507.6	15.0E	589.1	30.0E	749.9	15.0E 1077.8
275.0	4.0E	111.1	15.0E	365.0	30.0E	507.4	15.0E	667.5	30.0E	903.5	15.0E 1068.1
280.0	4.0E	105.7	15.0E	371.3	30.0E	473.3	15.0E	738.4	30.0E	874.3	15.0E 1140.5
285.0	4.0E	101.5	15.0E	437.9	30.0E	493.4	15.0E	680.0	30.0E	857.5	15.0E 1126.7
290.0	4.0E	98.4	15.0E	448.6	30.0E	560.8	15.0E	676.1	30.0E	850.9	15.0E 1111.5
295.0	4.0E	96.3	15.0E	337.8	8.0E	420.8	30.0E	668.7	15.0E	688.2	30.0E 825.3
300.0	4.0E	95.3	15.0E	341.0	8.0E	423.6	30.0E	782.3	15.0E	1259.5	8.0E 1300.0
305.0	4.0E	95.0	15.0E	191.0	8.0E	264.0	15.0E	354.9	8.0E	423.4	30.0E 818.8

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2J

KAKC - Tulsa, OK - 1300 kHz - 5.0 kW - DA

North Latitude: 35' 59' 40"
West Longitude: 95' 51' 27"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.250			.500	.250
160.0	686.06	111.74	144.70	200.0	1165.89	136.29	174.83
165.0	789.71	117.87	152.26	205.0	1157.00	135.91	174.36
170.0	886.83	123.12	158.74	210.0	1137.00	135.04	173.30
175.0	973.24	127.47	164.08	215.0	1108.96	133.81	176.27
180.0	1045.53	130.91	168.29	220.0	1076.03	118.39	158.99
185.0	1101.41	133.47	171.39	225.0	1041.19	109.61	148.54
190.0	1139.81	135.17	173.45	230.0	1007.08	103.95	140.94
195.0	1160.88	136.08	174.57				

Conductivity Database Used: M3 (USA)

Ground Conductivity Data:											
Region conductivity in mS/m followed by distance in km											
Azimuth	to the end of region. E - map data; M - measurement data.										
160.0	15.0E	219.7	4.0E	319.4	8.0E	697.5	30.0E	711.5	5000.0E	724.7	30.0E 732.1
165.0	15.0E	231.5	30.0E	245.0	4.0E	312.5	8.0E	481.7	4.0E	526.8	8.0E 674.3
170.0	15.0E	233.8	30.0E	277.3	4.0E	309.3	8.0E	468.4	4.0E	528.8	8.0E 660.3
175.0	15.0E	240.2	30.0E	318.4	8.0E	458.3	4.0E	655.0	15.0E	689.9	30.0E 756.5
180.0	15.0E	248.1	30.0E	376.4	8.0E	450.0	4.0E	646.7	15.0E	770.2	30.0E 809.6
185.0	15.0E	257.2	30.0E	442.6	15.0E	459.0	4.0E	607.1	15.0E	709.5	30.0E 813.3
190.0	15.0E	267.5	30.0E	432.3	15.0E	540.6	30.0E	579.4	15.0E	807.0	30.0E 915.1
195.0	15.0E	267.6	30.0E	382.0	15.0E	526.2	30.0E	640.9	15.0E	1111.4	20.0E 1164.4
200.0	15.0E	265.8	30.0E	313.9	15.0E	559.7	8.0E	758.2	15.0E	1041.0	3.0E 1228.9
205.0	15.0E	266.0	30.0E	307.5	15.0E	558.1	8.0E	797.3	15.0E	874.6	8.0E 966.3
210.0	15.0E	174.1	30.0E	321.9	15.0E	560.7	8.0E	913.8	3.0E	1093.8	1.5E 1269.8
215.0	15.0E	154.7	30.0E	338.0	15.0E	557.3	8.0E	874.6	3.0E	1022.9	1.5E 1230.6
220.0	15.0E	43.0	8.0E	74.4	15.0E	144.8	30.0E	375.3	15.0E	542.2	8.0E 881.2
225.0	15.0E	35.0	8.0E	84.8	15.0E	140.9	30.0E	463.5	8.0E	1046.3	1.5E 1161.2
230.0	15.0E	30.6	8.0E	91.6	15.0E	143.2	30.0E	299.1	15.0E	313.0	30.0E 529.0

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2K

KVET - Austin, TX - 1300 kHz - 5.0 kW - DA

North Latitude: 30° 22' 30"
West Longitude: 97° 42' 58"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.250			.500	.250
315.0	1391.44	106.00	139.06	10.0	701.01	80.64	113.04
320.0	1385.54	105.82	138.83	15.0	596.04	100.89	132.40
325.0	1367.81	105.27	138.16	20.0	501.67	139.48	169.30
330.0	1338.12	104.37	137.03	25.0	427.52	136.69	166.99
335.0	1296.32	103.05	137.66	30.0	382.66	130.85	159.92
340.0	1242.34	101.30	137.43	35.0	370.15	129.11	156.41
345.0	1176.28	99.10	136.07	40.0	382.90	129.04	156.38
350.0	1098.57	96.41	133.60	45.0	407.97	130.12	156.59
355.0	1010.13	93.21	130.10	50.0	433.89	125.64	141.96
0.0	912.54	89.55	125.47	55.0	453.26	121.60	138.22
5.0	808.29	85.24	119.74	60.0	462.03	115.46	133.28

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.												
Azimuth												
315.0	15.0E	0.6	8.0E	360.0	15.0E	386.4	30.0E	451.2	15.0E	612.4	30.0E	656.5
320.0	15.0E	0.6	8.0E	185.7	15.0E	290.1	8.0E	362.6	30.0E	449.6	15.0E	551.1
325.0	15.0E	0.7	8.0E	157.8	15.0E	308.8	8.0E	351.4	30.0E	469.2	15.0E	509.2
330.0	15.0E	0.7	30.0E	0.9	8.0E	138.7	15.0E	311.1	8.0E	338.9	30.0E	764.4
335.0	15.0E	0.6	30.0E	0.9	8.0E	124.6	15.0E	315.9	30.0E	538.0	15.0E	634.8
340.0	15.0E	0.6	30.0E	0.8	8.0E	113.9	15.0E	322.8	30.0E	476.5	15.0E	636.5
345.0	15.0E	0.6	30.0E	0.9	8.0E	105.6	15.0E	322.6	30.0E	436.0	15.0E	739.8
350.0	15.0E	0.6	30.0E	1.1	8.0E	99.2	15.0E	345.0	30.0E	425.5	15.0E	662.7
355.0	15.0E	0.6	30.0E	1.3	8.0E	93.7	15.0E	347.2	30.0E	501.3	15.0E	577.3
0.0	15.0E	0.7	30.0E	1.6	8.0E	89.2	15.0E	344.7	30.0E	529.3	15.0E	550.9
5.0	15.0E	0.7	30.0E	2.1	8.0E	85.8	15.0E	345.7	30.0E	539.3	15.0E	598.6
10.0	15.0E	0.7	30.0E	3.1	8.0E	83.2	15.0E	346.5	30.0E	385.7	15.0E	423.6
15.0	15.0E	0.7	30.0E	6.3	8.0E	39.2	30.0E	74.4	8.0E	81.4	15.0E	284.1
20.0	15.0E	0.8	30.0E	126.8	15.0E	222.9	30.0E	386.5	15.0E	647.6	8.0E	750.2
25.0	15.0E	0.8	30.0E	142.9	15.0E	222.3	30.0E	418.9	15.0E	616.8	8.0E	1019.5
30.0	15.0E	0.9	30.0E	136.3	15.0E	223.4	30.0E	465.6	15.0E	468.7	4.0E	483.4
35.0	15.0E	1.0	30.0E	129.9	15.0E	227.1	30.0E	301.3	8.0E	393.1	4.0E	509.9
40.0	15.0E	1.1	30.0E	125.2	15.0E	201.2	4.0E	235.8	8.0E	427.5	4.0E	710.2
45.0	15.0E	1.2	30.0E	121.8	15.0E	154.5	4.0E	248.6	8.0E	458.5	4.0E	739.2
50.0	15.0E	1.5	30.0E	117.7	15.0E	119.4	4.0E	266.5	8.0E	483.3	4.0E	739.7
55.0	15.0E	1.8	30.0E	94.3	15.0E	118.2	4.0E	291.1	8.0E	443.3	15.0E	528.0
60.0	15.0E	2.4	30.0E	67.4	15.0E	117.8	4.0E	327.8	8.0E	443.1	15.0E	515.5

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2L

KSYB - Shreveport, LA - 1300 kHz - 5.0 kW - ND

North Latitude: 32° 31' 48"
West Longitude: 93° 48' 16"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:	
		.500	.250			.500	.250
230.0	683.72	79.39	105.24	280.0	683.72	79.39	105.24
235.0	683.72	79.39	105.24	285.0	683.72	79.39	105.24
240.0	683.72	79.39	105.24	290.0	683.72	79.39	105.24
245.0	683.72	79.39	105.24	295.0	683.72	79.39	105.24
250.0	683.72	79.39	105.24	300.0	683.72	79.39	105.24
255.0	683.72	79.39	105.24	305.0	683.72	79.39	105.24
260.0	683.72	79.39	105.24	310.0	683.72	79.39	105.24
265.0	683.72	79.39	105.24	315.0	683.72	79.39	105.24
270.0	683.72	79.39	105.24	320.0	683.72	79.39	105.24
275.0	683.72	79.39	105.24	325.0	683.72	79.39	104.46

Conductivity Database Used: M3 (USA)

Azimuth	Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.									
230.0	8.0E	121.5	4.0E	329.3	15.0E	737.0	8.0E	780.5	3.0E	950.8
235.0	8.0E	133.3	4.0E	324.8	15.0E	481.4	8.0E	560.2	15.0E	694.5
240.0	8.0E	149.1	4.0E	322.9	15.0E	327.7	30.0E	424.0	8.0E	764.6
245.0	8.0E	167.6	4.0E	285.1	15.0E	323.0	30.0E	391.3	8.0E	769.2
250.0	8.0E	193.0	4.0E	258.3	15.0E	324.7	30.0E	353.8	15.0E	405.1
255.0	8.0E	223.6	4.0E	237.8	15.0E	444.6	8.0E	1066.2	1.5E	1130.5
260.0	8.0E	222.1	30.0E	257.5	15.0E	496.5	8.0E	1074.4	1.5E	1108.2
265.0	8.0E	207.0	30.0E	293.0	15.0E	527.2	8.0E	1126.3	4.0E	1300.0
270.0	8.0E	197.3	30.0E	295.4	15.0E	554.9	8.0E	629.9	15.0E	819.4
275.0	8.0E	189.8	30.0E	291.4	15.0E	518.8	8.0E	604.4	30.0E	659.9
280.0	8.0E	184.3	30.0E	297.4	15.0E	471.1	30.0E	669.0	15.0E	1004.9
285.0	8.0E	180.4	30.0E	306.0	15.0E	431.7	30.0E	650.6	15.0E	1010.5
290.0	8.0E	178.0	30.0E	856.0	15.0E	1108.5	2.0E	1152.8	15.0E	1300.0
295.0	8.0E	177.0	30.0E	460.8	15.0E	660.5	30.0E	847.2	15.0E	1112.5
300.0	8.0E	162.8	4.0E	177.4	30.0E	255.5	15.0E	338.0	30.0E	482.3
305.0	8.0E	144.1	4.0E	179.2	30.0E	238.5	15.0E	342.1	30.0E	477.9
310.0	8.0E	130.8	4.0E	182.5	30.0E	225.7	15.0E	358.5	30.0E	462.5
315.0	8.0E	119.6	4.0E	187.3	30.0E	217.2	15.0E	397.1	30.0E	422.4
320.0	8.0E	109.7	4.0E	195.6	30.0E	210.8	15.0E	477.4	30.0E	929.4
325.0	8.0E	101.8	4.0E	212.3	15.0E	404.7	8.0E	493.4	30.0E	1037.3

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2M

KCLI - Clinton, OK - 1320 kHz - 1.0 kW - ND

North Latitude: 35° 29' 00"
West Longitude: 98° 58' 54"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:	
		.500	.250			.500	.250
115.0	339.91	85.05	111.36	160.0	339.91	85.05	111.36
120.0	339.91	85.05	113.31	165.0	339.91	85.05	111.36
125.0	339.91	85.05	114.96	170.0	339.91	85.05	111.36
130.0	339.91	85.05	116.15	175.0	339.91	85.05	111.36
135.0	339.91	85.05	116.86	180.0	339.91	85.05	111.36
140.0	339.91	85.05	116.62	185.0	339.91	85.05	111.36
145.0	339.91	85.05	115.25	190.0	339.91	85.05	111.36
150.0	339.91	85.05	111.41	195.0	339.91	85.05	111.36
155.0	339.91	85.05	111.36	200.0	339.91	85.05	111.36

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.												
Azimuth												
115.0	15.0E	111.6	30.0E	219.1	15.0E	380.0	30.0E	388.3	4.0E	596.1	15.0E	605.5
120.0	15.0E	106.6	30.0E	229.9	15.0E	355.8	30.0E	395.8	4.0E	470.8	8.0E	556.8
125.0	15.0E	102.7	30.0E	237.7	15.0E	335.2	30.0E	401.6	4.0E	421.0	8.0E	627.4
130.0	15.0E	100.0	30.0E	243.4	15.0E	316.8	30.0E	410.6	8.0E	711.8	15.0E	846.9
135.0	15.0E	98.4	30.0E	249.2	15.0E	265.2	30.0E	423.3	8.0E	563.8	4.0E	625.0
140.0	15.0E	98.9	30.0E	440.1	8.0E	513.7	4.0E	599.2	8.0E	769.8	30.0E	812.7
145.0	15.0E	102.1	30.0E	270.6	15.0E	328.3	30.0E	459.7	8.0E	468.5	4.0E	652.7
150.0	15.0E	111.2	30.0E	256.9	15.0E	380.4	30.0E	418.6	15.0E	488.0	4.0E	678.1
155.0	15.0E	123.2	30.0E	244.7	15.0E	521.4	4.0E	625.8	15.0E	798.8	30.0E	809.8
160.0	15.0E	154.5	30.0E	235.4	15.0E	476.5	30.0E	555.6	15.0E	685.7	30.0E	796.3
165.0	15.0E	154.6	30.0E	234.2	15.0E	498.9	8.0E	524.7	30.0E	575.1	15.0E	733.1
170.0	15.0E	152.6	30.0E	242.3	15.0E	467.4	8.0E	614.4	15.0E	785.4	30.0E	857.6
175.0	15.0E	148.4	30.0E	254.6	15.0E	444.3	8.0E	658.6	15.0E	876.0	30.0E	936.1
180.0	15.0E	147.0	30.0E	270.4	15.0E	425.8	8.0E	667.8	15.0E	1011.8	20.0E	1032.9
185.0	15.0E	150.0	30.0E	281.5	8.0E	290.9	15.0E	393.6	8.0E	680.7	15.0E	744.3
190.0	15.0E	143.0	30.0E	279.3	8.0E	318.1	15.0E	359.9	8.0E	786.0	3.0E	1034.2
195.0	15.0E	133.0	30.0E	288.0	8.0E	710.0	3.0E	927.2	1.5E	1176.6	4.0E	1300.0
200.0	15.0E	130.1	30.0E	307.4	8.0E	679.1	3.0E	834.9	1.5E	1056.7	4.0E	1300.0

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2N

KWHN - Fort Smith, AR - 1320 kHz - 5.0 kW - ND

North Latitude: 35° 24' 36"
West Longitude: 94° 21' 30"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.250			.500	.250
190.0	694.52	112.02	145.10	230.0	694.52	111.24	144.31
195.0	694.52	112.00	145.07	235.0	694.52	110.78	143.85
200.0	694.52	111.97	145.04	240.0	694.52	109.87	142.94
205.0	694.52	111.92	145.00	245.0	694.52	107.60	140.67
210.0	694.52	111.87	144.94	250.0	694.52	105.03	138.10
215.0	694.52	111.78	144.86	255.0	694.52	100.41	133.49
220.0	694.52	111.66	144.74	260.0	694.52	97.06	130.14
225.0	694.52	111.50	144.58	265.0	694.52	93.36	126.44

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.												
Azimuth												
190.0	8.0E	2.6	15.0E	147.1	4.0E	239.3	8.0E	401.8	4.0E	593.9	15.0E	737.6
195.0	8.0E	2.7	15.0E	148.3	4.0E	245.9	8.0E	404.4	4.0E	606.8	15.0E	691.1
200.0	8.0E	2.9	15.0E	150.8	4.0E	254.9	8.0E	409.0	4.0E	573.2	15.0E	732.4
205.0	8.0E	3.1	15.0E	158.1	4.0E	177.2	30.0E	414.8	15.0E	477.3	4.0E	534.7
210.0	8.0E	3.4	15.0E	188.8	30.0E	418.1	15.0E	503.0	30.0E	638.4	15.0E	650.0
215.0	8.0E	3.8	15.0E	215.4	30.0E	421.0	15.0E	564.7	8.0E	793.8	15.0E	895.8
220.0	8.0E	4.3	15.0E	246.8	30.0E	372.8	15.0E	574.9	8.0E	938.0	3.0E	1096.9
225.0	8.0E	5.0	15.0E	276.4	30.0E	345.0	15.0E	590.7	8.0E	912.8	3.0E	1051.0
230.0	8.0E	5.9	15.0E	289.1	30.0E	331.2	15.0E	601.3	8.0E	933.6	3.0E	1045.8
235.0	8.0E	7.4	15.0E	303.8	30.0E	366.7	15.0E	598.3	8.0E	1116.9	1.5E	1229.3
240.0	8.0E	9.9	15.0E	268.8	30.0E	416.5	15.0E	456.8	30.0E	524.2	8.0E	1141.7
245.0	8.0E	15.1	15.0E	247.3	30.0E	644.5	15.0E	816.4	8.0E	1122.2	1.5E	1139.5
250.0	8.0E	20.4	15.0E	238.5	30.0E	682.6	15.0E	856.3	8.0E	1160.9	4.0E	1300.0
255.0	8.0E	29.4	15.0E	233.1	30.0E	385.5	15.0E	465.8	30.0E	597.9	15.0E	913.5
260.0	8.0E	36.1	15.0E	233.8	30.0E	365.6	15.0E	503.1	30.0E	682.7	15.0E	957.8
265.0	8.0E	43.9	15.0E	250.6	30.0E	309.5	15.0E	546.2	30.0E	771.3	15.0E	934.9

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #20

KNCB - Vivian, LA - 1320 kHz - 5.0 kW - ND

North Latitude: 32° 54' 07"
West Longitude: 93° 58' 58"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.250			.500	.250
220.0	719.72	81.08	107.43	280.0	719.72	81.08	107.43
225.0	719.72	81.08	107.43	285.0	719.72	81.08	107.43
230.0	719.72	81.08	107.43	290.0	719.72	81.08	107.43
235.0	719.72	81.08	107.43	295.0	719.72	81.08	105.65
240.0	719.72	81.08	107.43	300.0	719.72	81.08	102.63
245.0	719.72	81.08	107.43	305.0	719.72	79.52	99.74
250.0	719.72	81.08	107.43	310.0	719.72	77.32	97.53
255.0	719.72	81.08	107.43	315.0	719.72	75.59	95.81
260.0	719.72	81.08	107.43	320.0	719.72	73.81	94.02
265.0	719.72	81.08	107.43	325.0	719.72	72.41	92.63
270.0	719.72	81.08	107.43	330.0	719.72	71.30	91.52
275.0	719.72	81.08	107.43	335.0	719.72	70.41	90.63

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.												
Azimuth												
200.0	8.0E	132.2	4.0E	178.9	8.0E	301.7	4.0E	325.6	15.0E	366.4	30.0E	416.0
205.0	8.0E	134.4	4.0E	192.7	8.0E	248.3	4.0E	336.7	15.0E	455.9	30.0E	513.4
210.0	8.0E	138.9	4.0E	347.5	15.0E	442.6	30.0E	603.4	5000.0E	620.9	30.0E	641.1
215.0	8.0E	144.9	4.0E	358.9	15.0E	486.7	30.0E	736.8	15.0E	871.0	20.0E	880.1
220.0	8.0E	153.2	4.0E	350.3	15.0E	839.0	3.0E	995.0	1.5E	1184.8	4.0E	1300.0
225.0	8.0E	163.4	4.0E	341.7	15.0E	778.5	8.0E	799.5	3.0E	978.1	1.5E	1146.8
230.0	8.0E	175.1	4.0E	334.4	15.0E	490.8	8.0E	562.6	15.0E	716.3	8.0E	790.4
235.0	8.0E	190.1	4.0E	302.3	15.0E	329.7	30.0E	424.7	8.0E	652.4	15.0E	673.6
240.0	8.0E	208.0	4.0E	261.1	15.0E	327.4	30.0E	382.1	15.0E	389.8	8.0E	766.1
245.0	8.0E	230.1	4.0E	232.2	15.0E	413.7	8.0E	786.9	3.0E	924.7	1.5E	1103.8
250.0	8.0E	209.9	30.0E	252.3	15.0E	447.7	8.0E	1033.3	1.5E	1129.8	4.0E	1300.0
255.0	8.0E	190.9	30.0E	276.3	15.0E	490.9	8.0E	1066.2	1.5E	1115.3	4.0E	1300.0
260.0	8.0E	178.0	30.0E	285.7	15.0E	515.3	8.0E	1076.0	1.5E	1078.2	4.0E	1300.0
265.0	8.0E	168.0	30.0E	275.3	15.0E	538.1	8.0E	627.4	15.0E	774.6	8.0E	1150.1
270.0	8.0E	160.2	30.0E	275.2	15.0E	504.6	8.0E	601.3	15.0E	855.9	8.0E	1091.6
275.0	8.0E	154.1	30.0E	278.7	15.0E	449.9	30.0E	665.5	15.0E	992.8	8.0E	999.8
280.0	8.0E	149.7	30.0E	285.2	15.0E	405.3	30.0E	625.8	15.0E	986.1	8.0E	1079.4
285.0	8.0E	146.5	30.0E	830.3	15.0E	1001.5	8.0E	1061.3	15.0E	1278.0	8.0E	1300.0
290.0	8.0E	118.1	4.0E	144.7	30.0E	245.8	15.0E	266.0	30.0E	435.3	15.0E	565.6
295.0	8.0E	99.6	4.0E	143.9	30.0E	213.4	15.0E	304.1	30.0E	446.1	15.0E	692.7
300.0	8.0E	86.6	4.0E	144.3	30.0E	196.3	15.0E	305.2	30.0E	447.7	15.0E	648.5
305.0	8.0E	74.7	4.0E	145.8	30.0E	184.6	15.0E	315.2	30.0E	429.9	15.0E	651.8
310.0	8.0E	66.0	4.0E	148.5	30.0E	175.9	15.0E	338.1	30.0E	419.0	15.0E	425.3
315.0	8.0E	59.4	4.0E	154.2	30.0E	169.2	15.0E	447.1	30.0E	793.4	15.0E	1182.4
320.0	8.0E	52.9	4.0E	168.0	15.0E	375.9	8.0E	435.3	30.0E	907.0	15.0E	1173.9
325.0	8.0E	47.9	4.0E	168.0	15.0E	361.6	8.0E	457.8	30.0E	1009.5	15.0E	1151.6
330.0	8.0E	44.1	4.0E	157.5	15.0E	383.3	8.0E	462.9	30.0E	1097.0	4.0E	1300.0
335.0	8.0E	41.2	4.0E	148.2	15.0E	430.2	30.0E	777.8	15.0E	903.4	30.0E	1101.5

MINOR CHANGE APPLICATION
SUSQUEHANNA RADIO CORP.
KTCK AM RADIO STATION
has: 1310 kHz - 5.0/9.0 kW - DA2
req: 1310 kHz - 5.0/25.0 kW - DA2
DALLAS, TEXAS
November 2009

EXHIBIT #2P

KSWA - Graham, TX - 1330 kHz - 0.5 kW - ND

North Latitude: 33° 07' 37"
West Longitude: 98° 35' 35"

Azimuth	Radiation (mV/m at one km)	Dist to Contour - km: Contour levels in mV/m. 5.000	Azimuth	Radiation (mV/m at one km)	Dist to Contour - km: Contour levels in mV/m. 5.000
70.0	219.63	22.37	105.0	219.63	22.37
75.0	219.63	22.37	110.0	219.63	22.37
80.0	219.63	22.37	115.0	219.63	22.37
85.0	219.63	22.37	120.0	219.63	22.37
90.0	219.63	22.37	125.0	219.63	22.37
95.0	219.63	22.37	130.0	219.63	22.37
100.0	219.63	22.37			

Conductivity Database Used: M3 (USA)

Ground Conductivity Data:
Region conductivity in mS/m followed by distance in km
to the end of region. E - map data; M - measurement data.

Azimuth	15.0E	114.0	30.0E	187.8	15.0E	440.0	4.0E	645.0	8.0E	893.9	4.0E	1291.0
70.0	15.0E	145.5	30.0E	326.2	4.0E	670.2	8.0E	899.2	4.0E	1171.2	2.0E	1300.0
75.0	15.0E	148.5	30.0E	307.6	4.0E	667.5	8.0E	888.9	2.0E	964.1	4.0E	1068.0
80.0	15.0E	149.6	30.0E	292.0	4.0E	642.8	8.0E	851.0	2.0E	1043.8	4.0E	1159.3
85.0	15.0E	150.9	30.0E	279.8	8.0E	457.7	4.0E	471.8	15.0E	515.2	4.0E	621.1
90.0	15.0E	153.5	30.0E	270.5	8.0E	442.7	15.0E	530.8	4.0E	608.0	8.0E	789.5
95.0	15.0E	157.3	30.0E	263.8	8.0E	474.5	15.0E	545.8	4.0E	615.3	8.0E	791.2
100.0	15.0E	162.6	30.0E	259.3	8.0E	507.1	15.0E	567.6	4.0E	634.1	8.0E	780.3
105.0	15.0E	166.7	30.0E	256.3	8.0E	413.5	4.0E	433.3	8.0E	537.1	15.0E	603.0
110.0	15.0E	898.8	5000.0E	908.3	2.0E	908.9	5000.0E	924.5	15.0E	941.4	5000.0E	945.3
115.0	15.0E	168.6	30.0E	254.2	8.0E	311.9	4.0E	434.6	8.0E	576.5	15.0E	675.3
120.0	15.0E	175.0	30.0E	214.5	15.0E	256.0	4.0E	399.9	8.0E	630.0	30.0E	692.1
125.0	15.0E	259.7	4.0E	407.7	8.0E	581.8	30.0E	610.3	5000.0E	616.2	30.0E	618.2
130.0	15.0E	265.4	4.0E	440.6	8.0E	507.5	30.0E	583.1	5000.0E	1300.0		