

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

KWLA PRESENT / PROPOSED SERVICE CONTOURS
2.0 mV/m - URBAN AREA COVERAGE
0.5 mV/m - RURAL / PROTECTED SERVICE

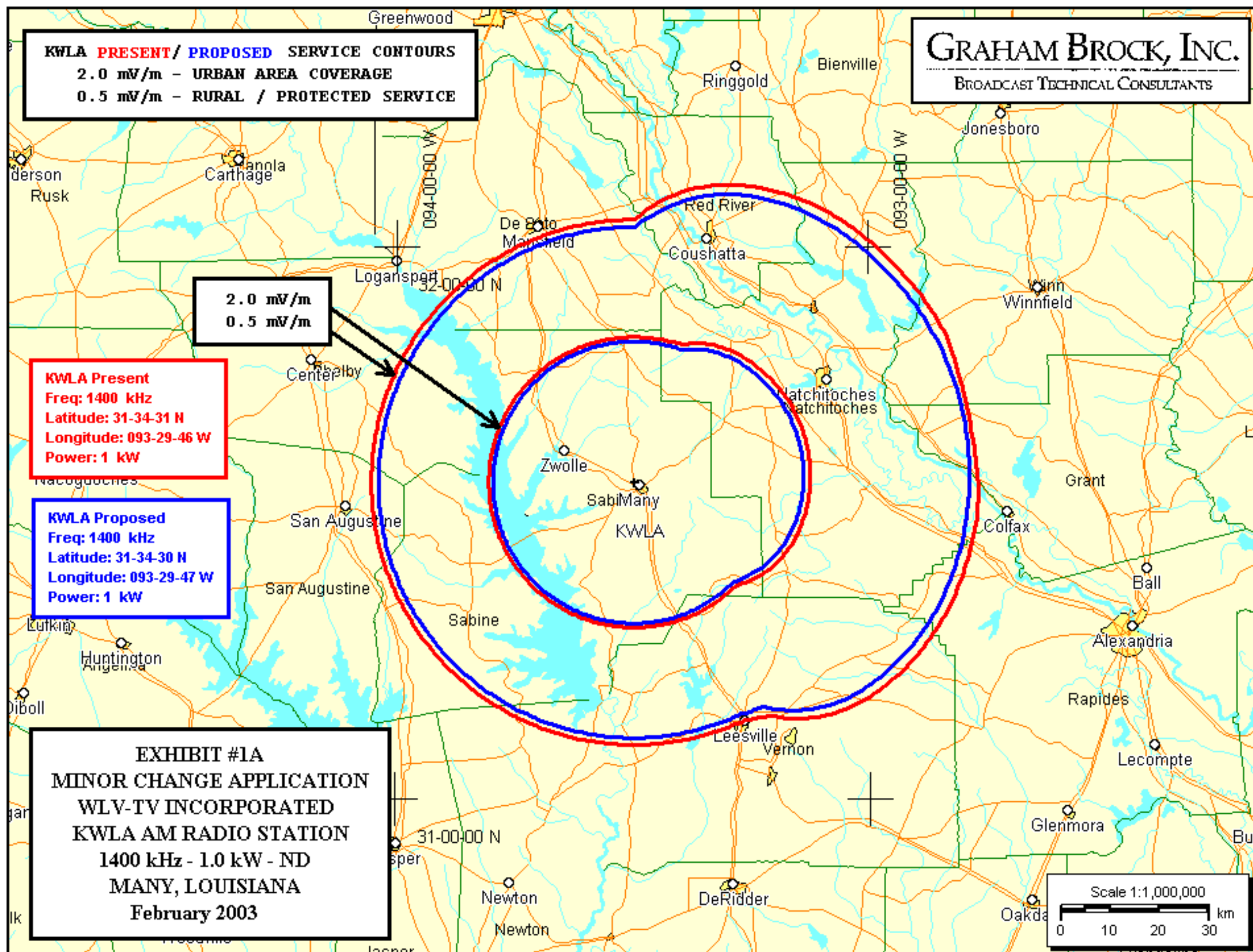
2.0 mV/m
0.5 mV/m

KWLA Present
Freq: 1400 kHz
Latitude: 31-34-31 N
Longitude: 093-29-46 W
Power: 1 kW

KWLA Proposed
Freq: 1400 kHz
Latitude: 31-34-30 N
Longitude: 093-29-47 W
Power: 1 kW

EXHIBIT #1A
MINOR CHANGE APPLICATION
WLTV-TV INCORPORATED
KWLA AM RADIO STATION
1400 kHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

Scale 1:1,000,000
0 10 20 30 km



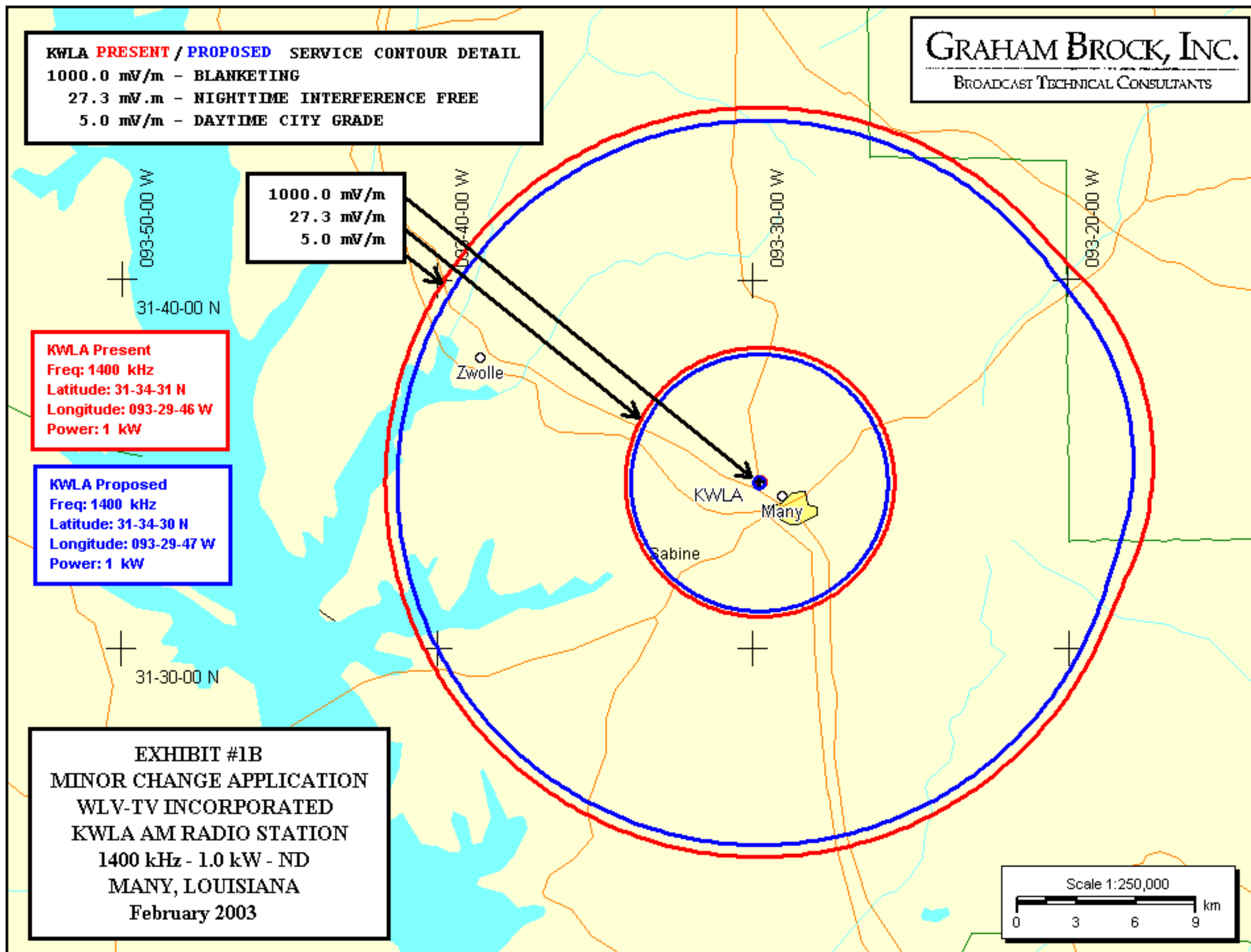
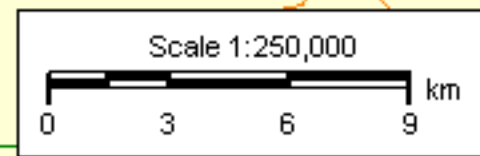
KWLA PRESENT / PROPOSED SERVICE CONTOUR DETAIL
1000.0 mV/m - BLANKETING
27.3 mV/m - NIGHTTIME INTERFERENCE FREE
5.0 mV/m - DAYTIME CITY GRADE

1000.0 mV/m
27.3 mV/m
5.0 mV/m

KWLA Present
Freq: 1400 kHz
Latitude: 31-34-31 N
Longitude: 093-29-46 W
Power: 1 kW

KWLA Proposed
Freq: 1400 kHz
Latitude: 31-34-30 N
Longitude: 093-29-47 W
Power: 1 kW

EXHIBIT #1B
MINOR CHANGE APPLICATION
WLTV-TV INCORPORATED
KWLA AM RADIO STATION
1400 kHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003



MINOR CHANGE APPLICATION
WLV-TV INCORPORATED
KWLA AM RADIO STATION
1400 kHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

EXHIBIT #1C

Present Service Contours

North Latitude: 31' 34' 31"
West Longitude: 93' 29' 46"

Ground Conductivity Used - M-3

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		1000.000	27.300	5.000	2.000	.500
0.0	304.17	0.29	6.75	18.8	29.16	52.73
5.0	304.17	0.29	6.75	18.8	29.16	56.42
10.0	304.17	0.29	6.75	18.8	29.16	59.48
15.0	304.17	0.29	6.75	18.8	29.16	61.77
20.0	304.17	0.29	6.75	18.8	29.48	63.50
25.0	304.17	0.29	6.75	18.8	30.82	64.84
30.0	304.17	0.29	6.75	18.8	31.85	65.87
35.0	304.17	0.29	6.75	18.8	32.66	66.68
40.0	304.17	0.29	6.75	18.8	33.28	67.30
45.0	304.17	0.29	6.75	18.8	33.76	67.78
50.0	304.17	0.29	6.75	18.8	34.17	68.19
55.0	304.17	0.29	6.75	18.96	34.60	68.62
60.0	304.17	0.29	6.75	19.30	34.94	68.96
65.0	304.17	0.29	6.75	19.53	35.17	69.19
70.0	304.17	0.29	6.75	19.70	35.34	68.75
75.0	304.17	0.29	6.75	19.80	35.44	68.51
80.0	304.17	0.29	6.75	19.83	35.47	68.48
85.0	304.17	0.29	6.75	19.79	35.43	68.66
90.0	304.17	0.29	6.75	19.70	35.34	69.06
95.0	304.17	0.29	6.75	19.53	35.16	69.19
100.0	304.17	0.29	6.75	19.29	34.93	68.95
105.0	304.17	0.29	6.75	18.95	34.59	68.61
110.0	304.17	0.29	6.75	18.80	34.15	68.18
115.0	304.17	0.29	6.75	18.8	33.58	67.60
120.0	304.17	0.29	6.75	18.8	32.85	66.87
125.0	304.17	0.29	6.75	18.8	31.92	65.94
130.0	304.17	0.29	6.75	18.8	30.68	64.71
135.0	304.17	0.29	6.75	18.8	29.16	63.11
140.0	304.17	0.29	6.75	18.8	29.16	60.98
145.0	304.17	0.29	6.75	18.8	29.16	58.10
150.0	304.17	0.29	6.75	18.8	29.16	54.09
155.0	304.17	0.29	6.75	18.8	29.16	52.73
160.0	304.17	0.29	6.75	18.8	29.16	52.73
165.0	304.17	0.29	6.75	18.8	29.16	52.73
170.0	304.17	0.29	6.75	18.8	29.16	52.73
175.0	304.17	0.29	6.75	18.8	29.16	52.73

MINOR CHANGE APPLICATION
WLV-TV INCORPORATED
KWLA AM RADIO STATION
1400 kHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

EXHIBIT #1C (continued)

Present Service Contours

North Latitude: 31' 34' 31"
West Longitude: 93' 29' 46"

Ground Conductivity Used - M-3

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		1000.000	27.300	5.000	2.000	.500
180.0	304.17	0.29	6.75	18.8	29.16	52.73
185.0	304.17	0.29	6.75	18.8	29.16	52.73
190.0	304.17	0.29	6.75	18.8	29.16	52.73
195.0	304.17	0.29	6.75	18.8	29.16	52.73
200.0	304.17	0.29	6.75	18.8	29.16	52.73
205.0	304.17	0.29	6.75	18.8	29.16	52.73
210.0	304.17	0.29	6.75	18.8	29.16	52.73
215.0	304.17	0.29	6.75	18.8	29.16	52.73
220.0	304.17	0.29	6.75	18.8	29.16	52.73
225.0	304.17	0.29	6.75	18.8	29.16	52.73
230.0	304.17	0.29	6.75	18.8	29.16	52.73
235.0	304.17	0.29	6.75	18.8	29.16	52.73
240.0	304.17	0.29	6.75	18.8	29.16	52.73
245.0	304.17	0.29	6.75	18.8	29.16	52.73
250.0	304.17	0.29	6.75	18.8	29.16	52.73
255.0	304.17	0.29	6.75	18.8	29.16	52.73
260.0	304.17	0.29	6.75	18.8	29.16	52.73
265.0	304.17	0.29	6.75	18.8	29.16	52.73
270.0	304.17	0.29	6.75	18.8	29.16	52.73
275.0	304.17	0.29	6.75	18.8	29.16	52.73
280.0	304.17	0.29	6.75	18.8	29.16	52.73
285.0	304.17	0.29	6.75	18.8	29.16	52.73
290.0	304.17	0.29	6.75	18.8	29.16	52.73
295.0	304.17	0.29	6.75	18.8	29.16	52.73
300.0	304.17	0.29	6.75	18.8	29.16	52.73
305.0	304.17	0.29	6.75	18.8	29.16	52.73
310.0	304.17	0.29	6.75	18.8	29.16	52.73
315.0	304.17	0.29	6.75	18.8	29.16	52.73
320.0	304.17	0.29	6.75	18.8	29.16	52.73
325.0	304.17	0.29	6.75	18.8	29.16	52.73
330.0	304.17	0.29	6.75	18.8	29.16	52.73
335.0	304.17	0.29	6.75	18.8	29.16	52.73
340.0	304.17	0.29	6.75	18.8	29.16	52.73
345.0	304.17	0.29	6.75	18.8	29.16	52.73
350.0	304.17	0.29	6.75	18.8	29.16	52.73
355.0	304.17	0.29	6.75	18.8	29.16	52.73

MINOR CHANGE APPLICATION
WLV-TV INCORPORATED
KWLA AM RADIO STATION
1400 kHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

EXHIBIT #1D

Proposed Service Contours

North Latitude: 31' 34' 30"
West Longitude: 93' 29' 47"

Ground Conductivity Used - M-3

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		1000.000	27.300	5.000	2.000	.500
0.0	284.68	0.27	6.44	18.17	28.30	51.30
5.0	284.68	0.27	6.44	18.17	28.30	54.39
10.0	284.68	0.27	6.44	18.17	28.30	57.46
15.0	284.68	0.27	6.44	18.17	28.30	59.75
20.0	284.68	0.27	6.44	18.17	28.30	61.49
25.0	284.68	0.27	6.44	18.17	29.50	62.82
30.0	284.68	0.27	6.44	18.17	30.54	63.86
35.0	284.68	0.27	6.44	18.17	31.34	64.67
40.0	284.68	0.27	6.44	18.17	31.97	65.29
45.0	284.68	0.27	6.44	18.17	32.45	65.78
50.0	284.68	0.27	6.44	18.17	32.86	66.19
55.0	284.68	0.27	6.44	18.17	33.29	66.62
60.0	284.68	0.27	6.44	18.32	33.63	66.95
65.0	284.68	0.27	6.44	18.56	33.87	67.19
70.0	284.68	0.27	6.44	18.72	34.03	67.36
75.0	284.68	0.27	6.44	18.82	34.13	67.46
80.0	284.68	0.27	6.44	18.85	34.16	67.43
85.0	284.68	0.27	6.44	18.82	34.13	67.45
90.0	284.68	0.27	6.44	18.72	34.03	67.35
95.0	284.68	0.27	6.44	18.55	33.86	67.18
100.0	284.68	0.27	6.44	18.31	33.62	66.94
105.0	284.68	0.27	6.44	18.17	33.28	66.60
110.0	284.68	0.27	6.44	18.17	32.85	66.17
115.0	284.68	0.27	6.44	18.17	32.27	65.60
120.0	284.68	0.27	6.44	18.17	31.54	64.87
125.0	284.68	0.27	6.44	18.17	30.60	63.93
130.0	284.68	0.27	6.44	18.17	29.37	62.69
135.0	284.68	0.27	6.44	18.17	28.30	61.09
140.0	284.68	0.27	6.44	18.17	28.30	58.96
145.0	284.68	0.27	6.44	18.17	28.30	56.08
150.0	284.68	0.27	6.44	18.17	28.30	52.07
155.0	284.68	0.27	6.44	18.17	28.30	51.30
160.0	284.68	0.27	6.44	18.17	28.30	51.30
165.0	284.68	0.27	6.44	18.17	28.30	51.30
170.0	284.68	0.27	6.44	18.17	28.30	51.30
175.0	284.68	0.27	6.44	18.17	28.30	51.30

MINOR CHANGE APPLICATION
WLTV-TV INCORPORATED
KWLA AM RADIO STATION
1400 kHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

EXHIBIT #1D (continued)

Proposed Service Contours

North Latitude: 31° 34' 30"
West Longitude: 93° 29' 47"

Ground Conductivity Used - M-3

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		1000.000	27.300	5.000	2.000	.500
180.0	284.68	0.27	6.44	18.17	28.30	51.30
185.0	284.68	0.27	6.44	18.17	28.30	51.30
190.0	284.68	0.27	6.44	18.17	28.30	51.30
195.0	284.68	0.27	6.44	18.17	28.30	51.30
200.0	284.68	0.27	6.44	18.17	28.30	51.30
205.0	284.68	0.27	6.44	18.17	28.30	51.30
210.0	284.68	0.27	6.44	18.17	28.30	51.30
215.0	284.68	0.27	6.44	18.17	28.30	51.30
220.0	284.68	0.27	6.44	18.17	28.30	51.30
225.0	284.68	0.27	6.44	18.17	28.30	51.30
230.0	284.68	0.27	6.44	18.17	28.30	51.30
235.0	284.68	0.27	6.44	18.17	28.30	51.30
240.0	284.68	0.27	6.44	18.17	28.30	51.30
245.0	284.68	0.27	6.44	18.17	28.30	51.30
250.0	284.68	0.27	6.44	18.17	28.30	51.30
255.0	284.68	0.27	6.44	18.17	28.30	51.30
260.0	284.68	0.27	6.44	18.17	28.30	51.30
265.0	284.68	0.27	6.44	18.17	28.30	51.30
270.0	284.68	0.27	6.44	18.17	28.30	51.30
275.0	284.68	0.27	6.44	18.17	28.30	51.30
280.0	284.68	0.27	6.44	18.17	28.30	51.30
285.0	284.68	0.27	6.44	18.17	28.30	51.30
290.0	284.68	0.27	6.44	18.17	28.30	51.30
295.0	284.68	0.27	6.44	18.17	28.30	51.30
300.0	284.68	0.27	6.44	18.17	28.30	51.30
305.0	284.68	0.27	6.44	18.17	28.30	51.30
310.0	284.68	0.27	6.44	18.17	28.30	51.30
315.0	284.68	0.27	6.44	18.17	28.30	51.30
320.0	284.68	0.27	6.44	18.17	28.30	51.30
325.0	284.68	0.27	6.44	18.17	28.30	51.30
330.0	284.68	0.27	6.44	18.17	28.30	51.30
335.0	284.68	0.27	6.44	18.17	28.30	51.30
340.0	284.68	0.27	6.44	18.17	28.30	51.30
345.0	284.68	0.27	6.44	18.17	28.30	51.30
350.0	284.68	0.27	6.44	18.17	28.30	51.30
355.0	284.68	0.27	6.44	18.17	28.30	51.30

MINOR CHANGE APPLICATION
WLTV-TV INCORPORATED
KWLA AM RADIO STATION
1400 kHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

EXHIBIT #1E

KWLA - Present

Freq: 1400 kHz
MANY, LA, US
Lat: 31-34-31 N
Lng: 093-29-46 W
Power: 1.0 kW
Theo RMS: 304.17 mV/m @ 1km

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta		Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	Limit (%)	RSS Limit (mV/m)
							Min	Max					
KVLA	1400	VIDALIA	LA	US	196.6	270.8	35.8	50.1	232.65	298.22	13.876	100.0	13.876
KEBE	1400	JACKSONVILLE	TX	US	172.8	104.2	39.4	53.7	214.36	322.27	13.817	99.6	19.582
KAOK	1400	LAKE CHARLES	LA	US	152.2	348.2	43.1	57.2	198.14	342.26	13.563	69.3	23.820
KHCH	1400	HUNTSVILLE	TX	US	215.5	63.2	33.2	47.5	238.70	279.19	13.329	56.0	27.296
----- 50 % -----													
KELD	1400	EL DORADO	AR	US	200.6	203.1	35.2	49.5	224.15	295.52	13.248	48.5	30.341
KKTK	1400	TEXARKANA	TX	US	213.9	165.7	33.4	47.7	228.72	282.77	12.935	42.6	32.983
KGVL	1400	GREENVILLE	TX	US	301.7	125.2	24.8	37.7	265.71	212.48	11.292	34.2	34.863
WKXI	1400	JACKSON	MS	US	322.7	256.0	23.3	35.8	271.56	199.05	10.811	31.0	36.500
KHCB	1400	GALVESTON	TX	US	284.7	26.5	26.2	39.4	241.27	222.40	10.732	29.4	38.045
KCLA	1400	PINE BLUFF	AR	US	321.0	205.4	23.4	35.9	260.65	200.41	10.448	27.5	39.454
KTEM	1400	TEMPLE	TX	US	375.0	80.3	20.1	31.7	290.05	170.01	9.862	25.0	40.668
----- 25 % -----													
WFPR	1400	HAMMOND	LA	US	308.6	293.4	24.3	37.1	236.37	207.24	9.797	24.1	41.831
WFOR	1400	HATTIESBURG	MS	US	397.1	275.0	19.0	30.1	305.09	159.87	9.755	23.3	42.953
KTMC	1400	MCALESTER	OK	US	429.7	150.2	17.5	28.1	286.66	146.06	8.374	19.5	43.762
WYKC	1400	GRENADA	MS	US	423.7	235.7	17.8	28.5	263.11	148.54	7.817	17.9	44.455
KWYN	1400	WYNNE	AR	US	479.7	212.2	15.6	25.4	262.07	127.81	6.699	15.1	44.957

KWLA - Proposed

Freq: 1400 kHz
MANY, LA, US
Lat: 31-34-30 N
Lng: 093-29-47 W
Power: 1.0 kW
Theo RMS: 284.68 mV/m @ 1km

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta		Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	Limit (%)	RSS Limit (mV/m)
							Min	Max					
KVLA	1400	VIDALIA	LA	US	196.6	270.8	35.8	50.1	232.65	298.20	13.875	100.0	13.875
KEBE	1400	JACKSONVILLE	TX	US	172.8	104.2	39.4	53.7	214.36	322.29	13.817	99.6	19.582
KAOK	1400	LAKE CHARLES	LA	US	152.1	348.2	43.1	57.2	198.14	342.29	13.564	69.3	23.821
KHCH	1400	HUNTSVILLE	TX	US	215.5	63.3	33.3	47.5	238.31	279.22	13.308	55.9	27.286
----- 50 % -----													
KELD	1400	EL DORADO	AR	US	200.6	203.1	35.2	49.5	224.15	295.49	13.247	48.5	30.332
KKTK	1400	TEXARKANA	TX	US	214.0	165.7	33.4	47.7	228.72	282.75	12.934	42.6	32.974
KGVL	1400	GREENVILLE	TX	US	301.7	125.2	24.8	37.7	265.71	212.49	11.292	34.2	34.854
WKXI	1400	JACKSON	MS	US	322.7	256.0	23.3	35.8	271.56	199.03	10.810	31.0	36.492
KHCB	1400	GALVESTON	TX	US	284.7	26.5	26.2	39.4	241.27	222.43	10.733	29.4	38.038
KCLA	1400	PINE BLUFF	AR	US	321.0	205.4	23.4	35.9	260.65	200.39	10.446	27.5	39.446
----- 25 % -----													
KTEM	1400	TEMPLE	TX	US	375.0	80.3	20.2	31.7	288.94	170.02	9.825	24.9	40.651
WFPR	1400	HAMMOND	LA	US	308.6	293.4	24.3	37.0	236.37	207.23	9.797	24.1	41.815
WFOR	1400	HATTIESBURG	MS	US	397.1	275.0	19.0	30.1	305.09	159.86	9.754	23.3	42.938
KTMC	1400	MCALESTER	OK	US	429.7	150.2	17.5	28.1	286.66	146.06	8.374	19.5	43.747
WYKC	1400	GRENADA	MS	US	423.7	235.7	17.8	28.5	263.11	148.53	7.816	17.9	44.439
KWYN	1400	WYNNE	AR	US	479.8	212.2	15.6	25.4	262.07	127.80	6.698	15.1	44.941

EXHIBIT #1F
MINOR CHANGE APPLICATION
WLV-TV INCORPORATED
KWLA AM RADIO STATION
1400 KHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

PATRICK - MILLER
TRACTOR COMPANY

LEGEND

- = SET 1/2" IRON ROD
- = SET 1/2" IRON ROD
- E— = ELECTRIC POWER LINE

DEED CALL OF 1906.2'
WEST & 346' NORTH OF
THE S.E. CORNER OF
THE NE 1/4 OF SECTION 21,
T7N, R11W

NOTES:

- 1) REFERENCE SURVEY BY E. L. PALMER DATED JUNE 17, 1971.
- 2) REFERENCE SURVEY OF HIGHWAY 171 FROM D.O.T.D. DATED 1935.
- 3) BEARINGS ARE BASED ON RECORD BEARINGS.
- 4) THIS SURVEY IS IN ACCORDANCE WITH THE LOUISIANA MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS FOR A CLASS "C" SURVEY.
- 5) NO ABSTRACT OR TITLE SEARCH DONE BY THE SURVEYOR.
- 6) THIS RIGHT-OF-WAY OF U.S. HIGHWAY NO. 171 IS BASED ON REFERENCE SURVEY DESCRIBED IN NOTE NO. 2, AND WAS OBTAINED FROM THE LOUISIANA DEPARTMENT OF TRANSPORTATION. THE SURVEYOR HAS NOT VERIFIED THAT THIS IS THE LATEST ALIGNMENT.
- 7) THE LATITUDES AND LONGITUDES SHOWN HEREON ARE BASED G.P.S. OBSERVATIONS (NAD 1983).
- 8) THE DESCRIPTION RECORDED UNDER INSTRUMENT NO. 266713 CALLS FOR 1569' WEST AND 100' NORTH OF THE S.E. CORNER OF THE NW 1/4 OF SECTION 21, T7N, R11W. THIS SHOULD READ 1569' WEST AND 100' NORTH OF THE S.E. CORNER OF THE NE 1/4 OF SECTION 21, T7N, R11W.

CORNER FALLS IN
POWER POLE
SET 5' OFFSET

CALL N88°07'E 417.4'
N36°12'34"E 417.57'

EXISTING RADIO TOWER
LAT. = 31°34'31.41"
LONG. = 93°29'46.96"

PROPOSED TOWER
LAT. = 31°34'30.68"
LONG. = 93°29'47.29"

4.030 ACRES

EXTENT of
EXTENT of
New Ground
System

DEED IN THIS AREA - NOT LOCATED

PATRICK - MILLER
TRACTOR COMPANY

DEED CALL OF 1569'
WEST & 100' NORTH OF
THE S.E. CORNER OF
THE NE 1/4 OF SECTION 21,
T7N, R11W - SEE NOTE 8

D & J PATRICK TRUST, ET AL

U. S. HIGHWAY NO. 171
A=401.25' R=3759.80'
S53°40'11"E L=401.05'

S50°37'32"E
16.36'

S36°12'54"W 415.86'
CALL S36°07"W 417.7'



SCALE: 1" = 100'

SURVEY MAP
OF A
4.030 ACRE TRACT
LOCATED IN
SECTION 21, T7N, R11W
SABINE PARISH, LA
JANUARY 14, 2003

FOR: BALDRIDGE - DUMAS COMMUNICATIONS
SURVEYED BY: DOCKENS SURVEYING, INC.

Douglas W. Dockens
DOUGLAS W. DOCKENS
P.L.S. NO. 4663

Program **FIGURE 8** calculates the Inverse Distance Field for AM broadcast stations with frequencies between **530** and **1700 kHz**. The program is a computer version of Figure 8 of Section 73.190 of the FCC Rules.

The Inverse Distance Fields calculated here are in units of mV/m at 1 Kilometer

Frequency:	1400.00 kHz
Number of Radials:	120 radials
Correction for number of radials:	0.0000 mV/m @ 1 Kilometer
Average Length of Ground Radials:	38.100 meters 125.000 feet 0.178 wavelengths 64.052 degrees
Correction factor for length:	-22.5308 mV/m @ 1 Kilometer
Wavelength:	214.138 meters 702.551 feet
Tower Height:	54.864 meters 180.000 feet 0.256 wavelengths 92.235 degrees

Predicted Field Strength from Figure 8, Section 73.190:

	Theoretical Field	Corrected Field	
At 1.00 kW	307.213	284.682	mV/m @ 1 Kilometer
At 1.00 kW	307.213	284.682	mV/m @ 1 Kilometer

Perform a new calculation?

FCC Home	Search	Updates	E-Filing	Initiatives	For Consumers	Find People
Please send comments via standard mail to the Federal Communications Commission, Consumer and Governmental Affairs Bureau, 445 12th Street, S.W., Washington, D.C., 20554. Questions can also be answered by calling the FCC's National Call Center, toll free, at 1-888-Call FCC (1-888-225-5322).						

Federal Communications Commission
445 12th Street SW
Washington, DC 20554
[More FCC Contact Information...](#)

Phone: 888-CALL-FCC (225-5322)
TTY: 888-TELL-FCC (835-5322)
Fax: 202-418-0232
E-mail: fccinfo@fcc.gov

EXHIBIT #1G
MINOR CHANGE APPLICATION
WLV-TV INCORPORATED
KWLA AM RADIO STATION
1400 kHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

TOWAIR Determination Results

A routine check of the coordinates, heights, and structure type you provided indicates that this structure does not require registration.

WARNING: Because the airport database we use is updated periodically, it does not take into account the most recent airport construction, nor does it include proposed airports. You still must register with the FCC if your structure is located near one of these airports or if the FAA specifically asks you to register.

DETERMINATION Results

PASS SLOPE(100:1)NO FAA REQ - 3101.0 Meters (10173.7 Feet)away & below slope by 3.0 Meters (9.83999 Feet)

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	31-32-52.00N	093-29-24.00W	HART	SABINE MANY, LA	93.9	1219.199951171875

PASS SLOPE(100:1)NO FAA REQ - 3136.0 Meters (10288.5 Feet)away & below slope by 4.0 Meters (13.1199 Feet)

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	31-32-51.00N	093-29-23.00W	HART	SABINE MANY, LA	93.9	1219.199951171875

Your Specifications

NAD83 Coordinates

Latitude	31-34-30.7 north
Longitude	093-29-47.3 west

Measurements (Meters)

Overall Structure Height (AGL)	55.8
Support Structure Height (AGL)	55.8
Site Elevation (AMSL)	65.2

Structure Type

TOWER - Free standing or Guyed Structure used for Communications Purposes

CLOSE WINDOW

EXHIBIT #1H
MINOR CHANGE APPLICATION
WLV-TV INCORPORATED
KWLA AM RADIO STATION
1400 KHz - 1.0 kW - ND
MANY, LOUISIANA
February 2003

RF WORKSHEET #2: AM

PLEASE COPY THIS WORKSHEET PRIOR TO USING. IN THE CASE OF A MULTIPLE TOWER ARRAY, A COPY IS NECESSARY FOR EACH TOWER LISTED IN RF WORKSHEET #2A. See AM Instruction b. to "How to Use RF Worksheets" on page 5 of Appendix A.

SINGLE TOWER

Enter the transmitted power 1.0 kW
 Enter the distance from the tower to the nearest point of the fence or other . . 1.0 m (2)

DETERMINATION OF WAVELENGTH

Method 1: Electrical Height

The tower height in wavelength may be obtained from the electrical height in degrees of the radiator.

Electrical height of the radiator 92.24 degrees (3a)
 Divide Line 3(a) by 360 degrees 0.256 wavelength (3b)

Method 2: Physical Height

Alternatively, the wavelength may be obtained from the physical height of the radiator above the tower base and the frequency of the station.

Overall height of the radiator above the tower base . . . m (4a)
 List the station's frequency kHz (4b)
 Divide 300,000 by line (4b) m (4c)
 Divide Line (4a) by Line 4(c) wavelength (4d)

REQUIRED RESTRICTION DISTANCE

Use the appropriate AM fence distance table based on the wavelength determined in either Line (3b) or Line (4d) above. If the transmitted power is not listed in the table, use next highest value (e.g., if the transmitted power is 2.5 kW, use the fence value in the 5 kW column).

List the fence distance obtained from the appropriate table . . . 1.0 m (5)

Is the value listed in Line (5) less than or equal to the value listed in Line (2)? ☒ Yes ☐ No (6)

If Line (6) is "Yes," are warning signs posted at appropriate intervals which ☒ Yes ☐ No (7)

IF EITHER LINE (6) OR LINE (7) WAS ANSWERED "NO", you may need to prepare an Environmental Assessment. However, in order to determine the need for such an Assessment please see the NOTE on page 5 of Appendix A. If after consideration of such factors as the antenna radiation pattern, measurement data and the barriers which restrict access you conclude that an Environmental Assessment is required, please see Section I of the instructions to this worksheet entitled "Environmental Assessment."

IF BOTH LINE (6) AND LINE (7) WERE ANSWERED "YES", it appears that this tower complies with the FCC guidelines with respect to the general public. Please be aware, that each site user must also meet requirements with respect to "on-tower" or other exposure by workers at the site (including RF fields caused by other facilities on the tower, or RF fields caused by facilities on another tower or towers). These requirements include, but are not limited to the reduction or cessation of transmitter power when persons have access to the site, tower, or antenna. See OET Bulletin 65 for more details.

EXHIBIT #1 I
 MINOR CHANGE APPLICATION
 WLTV-TV INCORPORATED
 KWLA AM RADIO STATION
 1400 kHz - 1.0 kW - NO
 MANY, LOUISIANA
 February 2003