

Exhibit E-16

Nighttime Skywave Limits Study  
In Support of an Application for  
Modification of Construction Permit to  
Change Frequency, Increase Daytime Power  
And Add Nighttime Service  
KLDC, Brighton, Colorado  
810 kHz, 2.2 kW-D/0.430 kW-N, DA-2

To determine the relevant nighttime protections and maximum inverse distance field (IDF) toward each protected station for the above-captioned application, a Nighttime Skywave Limits Study was conducted on 810 kHz and the two adjacent channels. The 25% and 50% exclusion RSS night limits for each domestic station were calculated using the 10% skywave formula given in 47 C.F.R. §73.190(c) and the procedures specified in §73.182(k)(2) and §73.182(k)(1), respectively.

50% RSS night limits were calculated for co-channel Mexican class B stations using the tables contained in the AM Agreement Between The United States and Mexico (1986). The required protection toward each Mexican class B station identified in the study was calculated using the procedure contained in Paragraph 4.9.2.3 of Annex 2 to the Agreement. No co-channel Mexican stations were identified as requiring protection lower than 500 mV/m by the proposed facility.

50% RSS night limits were calculated for co-channel Canadian class B stations using the tables contained in the Agreement Between the United States of America and the Government of Canada Relating to the AM Broadcasting Service in the Medium Frequency Band (1984). The required protection toward each Canadian class B station identified in the study was calculated using the procedure contained in Paragraph 4.7.2 of Annex 2 of the Agreement. No co-channel Canadian stations were identified as requiring protection lower than 500 mV/m by the proposed facility.

For each domestic class B station, a required protection was calculated (25% of the calculated 25% exclusion RSS night limit) along with the maximum and minimum vertical angles ( $\theta_{\max}$  and  $\theta_{\min}$ ) using the 10% skywave formula in §73.190(c).

For KGO and WGY, the domestic class A stations on the channel, the 0.5 mV/m 50% skywave contour was calculated for each station at five-degree intervals using the formula given in §73.190(b). The maximum permissible inverse distance field (IDF) toward each point was then calculated along with the pertinent vertical angles using the 10% skywave formula in §73.190(c).

The 0.5 mV/m groundwave contour of first-adjacent channel class A station WBAP was calculated at five-degree intervals using the procedure specified in §73.183 and using ground conductivity values contained in §73.190 Figure M3. The maximum permissible inverse distance field (IDF) toward each point was then calculated along with the pertinent vertical angles using the 10% skywave formula in §73.190(c).

A directional antenna pattern was then designed that would limit the IDF at the relevant azimuths and vertical angles to the maximum permissible values calculated. The directional parameters along with the maximum  $E(\theta)$  are shown as follows:

11-09-2004 11:55

KLDC-N	39-50-36 N	104-57-14 W	0.430 kW		
	Crawford Broadcasting				
Twr. No.	Field	Phasing	Spacing		
1	0.460	0.0	0.0	Azimuth	Height
2	0.520	101.5	90.0	257.0	58.0
3	0.820	162.0	160.6	3.5	58.0
4	1.000	-121.0	197.2	320.9	58.0
RMS	200.50 mV/m	(kilometer)		Q 10.00 mV/m	

Azi.	Max IDF	Low Ø	IDF	High Ø	IDF	Protection
59.1	471.5	0.0	155.6	0.7	155.6	WGY-330
59.5	437.3	0.0	152.7	1.0	152.7	WGY-325
60.1	406.3	0.0	148.9	1.3	148.8	WGY-320
60.8	376.3	0.0	144.4	1.5	144.3	WGY-315
61.7	349.6	0.0	138.9	1.8	138.8	WGY-310
62.7	326.0	0.0	132.5	2.0	132.4	WGY-305
63.9	303.6	0.0	125.5	2.2	125.3	WGY-300
65.2	285.2	0.0	117.7	2.5	117.6	WGY-295
66.7	267.9	0.0	109.7	2.7	109.6	WGY-290
68.3	254.3	0.0	101.9	2.8	101.8	WGY-285
70.1	242.6	0.1	94.9	3.0	94.9	WGY-280
72.0	233.5	0.2	89.7	3.1	89.7	WGY-275
74.0	226.1	0.2	87.2	3.1	87.3	WGY-270
76.0	221.8	0.2	88.2	3.1	88.2	WGY-265
78.0	219.1	0.2	92.5	3.1	92.6	WGY-260
80.0	219.2	0.1	99.7	3.0	99.7	WGY-255
82.0	221.3	0.0	108.7	2.9	108.7	WGY-250
83.8	224.7	0.0	118.8	2.7	118.8	WGY-245
85.5	231.2	0.0	128.9	2.5	128.8	WGY-240
87.1	238.9	0.0	138.6	2.2	138.6	WGY-235
88.4	249.4	0.0	147.2	1.9	147.2	WGY-230
89.6	260.8	0.0	154.9	1.6	154.9	WGY-225
90.5	274.9	0.0	161.1	1.3	161.1	WGY-220
90.5	208.2	7.2	160.2	13.0	157.9	WHB -L
91.1	446.4	0.0	165.2	0.0	165.2	WGY-180
91.2	290.4	0.0	166.0	0.9	166.0	WGY-215
91.6	419.3	0.0	168.5	0.0	168.5	WGY-185
91.8	307.7	0.0	169.5	0.6	169.5	WGY-210
92.0	393.7	0.0	171.0	0.0	171.0	WGY-190
92.1	326.8	0.0	171.7	0.0	171.7	WGY-205
92.2	369.6	0.0	172.5	0.0	172.5	WGY-195
92.2	347.7	0.0	172.5	0.0	172.5	WGY-200
120.6	454.6	7.7	321.5	13.7	312.5	WBAP-5
120.9	427.9	8.1	322.0	14.4	312.2	WBAP-0
121.5	486.9	7.2	324.9	13.0	316.7	WBAP-10
121.9	405.7	8.5	324.8	15.0	314.1	WBAP-355
123.2	384.6	8.9	328.0	15.6	316.3	WBAP-350
125.5	374.4	9.1	333.5	15.9	321.2	WBAP-345
128.0	369.8	9.2	338.6	16.1	326.0	WBAP-340
130.3	363.5	9.4	342.1	16.3	329.2	WBAP-335
132.6	363.2	9.4	345.1	16.2	332.1	WBAP-330
134.9	366.2	9.3	347.1	16.1	334.4	WBAP-325

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Azi.	Max IDF	Low Ø	IDF	High Ø	IDF	Protection
137.1	364.4	9.3	348.1	16.2	335.3	WBAP-320
139.3	363.5	9.3	348.3	16.2	335.6	WBAP-315
142.0	350.3	9.6	347.1	16.6	333.9	WBAP-310
144.2	358.3	9.4	345.8	16.3	333.4	WBAP-305
146.1	369.5	9.1	344.2	15.9	332.5	WBAP-300
147.9	383.0	8.8	342.4	15.5	331.5	WBAP-295
149.0	457.4	7.4	342.3	13.4	334.0	WBAP-280
149.3	399.0	8.5	340.6	14.9	330.5	WBAP-290
149.4	476.9	7.1	341.9	12.9	334.2	WBAP-275
150.4	491.7	6.9	340.4	12.6	333.1	WBAP-270
150.5	417.2	8.1	339.1	14.4	329.7	WBAP-285
164.9	386.8	6.4	302.6	11.8	297.4	KXOI -L
210.3	112.2	1.7	86.3	5.1	86.6	KGO-140
210.7	128.7	1.0	84.0	4.1	84.3	KGO-145
210.9	96.6	2.5	83.4	6.3	83.8	KGO-135
211.9	145.5	0.3	78.2	3.2	78.4	KGO-150
212.8	82.5	3.5	74.3	7.6	75.0	KGO-130
213.7	162.1	0.0	70.0	2.5	70.1	KGO-155
215.9	178.1	0.0	60.2	1.9	60.3	KGO-160
216.3	70.6	4.4	59.2	8.9	60.3	KGO-125
218.5	192.5	0.0	50.0	1.3	50.1	KGO-165
221.4	205.1	0.0	40.7	0.9	40.7	KGO-170
221.6	61.5	5.3	40.5	10.3	41.7	KGO-120
224.5	216.1	0.0	33.9	0.6	33.9	KGO-175
227.8	225.2	0.0	31.4	0.4	31.4	KGO-180
229.0	55.9	6.0	31.1	11.3	29.9	KGO-115
231.2	231.2	0.0	33.6	0.3	33.6	KGO-185
234.8	233.4	0.0	38.5	0.3	38.5	KGO-190
238.1	54.5	6.2	41.7	11.6	37.7	KGO-110
238.5	232.5	0.0	44.0	0.4	44.0	KGO-195
242.2	228.5	0.0	48.9	0.6	48.8	KGO-200
245.9	220.6	0.0	52.6	0.9	52.5	KGO-205
247.8	59.0	5.7	52.4	10.9	48.3	KGO-105
249.7	208.4	0.0	55.1	1.3	55.0	KGO-210
253.7	190.7	0.0	56.4	2.0	56.2	KGO-215
256.1	70.1	4.8	55.7	9.5	52.8	KGO-100
257.6	170.3	0.0	56.8	2.8	56.5	KGO-220
261.4	147.2	0.8	56.8	3.9	56.2	KGO-225
261.6	86.3	3.6	56.3	7.8	54.4	KGO-95
262.3	146.0	0.9	56.8	4.0	56.2	KGO-230
262.9	88.4	3.5	56.3	7.6	54.5	KGO-90
263.6	150.0	0.8	56.8	3.8	56.2	KGO-240
263.8	87.9	3.5	56.3	7.7	54.5	KGO-85
264.2	152.0	0.7	56.8	3.8	56.2	KGO-245
264.7	87.7	3.6	56.3	7.7	54.5	KGO-80
264.9	152.8	0.7	56.8	3.8	56.3	KGO-250
265.6	87.4	3.6	56.3	7.8	54.5	KGO-75
265.7	152.6	0.7	56.8	3.8	56.3	KGO-255
266.4	151.8	0.8	56.8	3.8	56.3	KGO-260
266.5	88.4	3.5	56.4	7.7	54.6	KGO-70
267.1	152.0	0.8	56.8	3.9	56.3	KGO-265
267.3	90.8	3.4	56.4	7.5	54.8	KGO-65
268.1	91.5	3.4	56.5	7.5	54.8	KGO-60
268.3	163.8	0.4	56.9	3.4	56.5	KGO-270
269.0	91.7	3.4	56.5	7.5	54.9	KGO-55
271.1	204.1	0.0	57.2	2.1	57.0	KGO-275
272.5	81.6	4.1	56.7	8.5	54.8	KGO-50
274.2	248.3	0.0	57.5	1.1	57.5	KGO-280

Azi.	Max IDF	Low Ø	IDF	High Ø	IDF	Protection
277.4	285.6	0.0	57.9	0.4	57.9	KGO-285
280.1	68.5	5.2	57.2	10.1	54.5	KGO-45
280.4	315.5	0.0	58.1	0.0	58.1	KGO-290
283.3	337.3	0.0	58.0	0.0	58.0	KGO-295
286.0	350.9	0.0	57.4	0.0	57.4	KGO-300
287.6	64.9	5.6	55.8	10.8	52.9	KGO-40
288.7	357.5	0.0	56.5	0.0	56.5	KGO-305
291.2	358.9	0.0	55.1	0.0	55.1	KGO-310
293.7	355.6	0.0	53.4	0.0	53.4	KGO-315
294.4	66.9	5.6	51.9	10.7	49.4	KGO-35
296.1	348.3	0.0	51.6	0.4	51.6	KGO-320
298.5	337.7	0.0	49.7	0.7	49.7	KGO-325
300.8	324.3	0.0	48.2	1.1	48.2	KGO-330
301.2	73.0	5.2	47.4	10.1	45.9	KGO-30
303.0	307.1	0.0	47.3	1.4	47.3	KGO-335
305.1	285.8	0.0	47.4	1.9	47.3	KGO-340
305.7	83.5	4.6	47.3	9.2	46.7	KGO-25
306.9	261.5	0.0	48.3	2.4	48.2	KGO-345
307.7	96.9	3.9	49.0	8.1	48.6	KGO-20
308.4	235.4	0.2	49.8	3.0	49.8	KGO-350
309.6	113.8	3.1	51.6	7.1	51.4	KGO-15
309.7	208.4	0.7	51.7	3.7	51.7	KGO-355
310.5	181.9	1.2	53.2	4.4	53.2	KGO-0
310.6	134.0	2.5	53.4	6.2	53.3	KGO-10
310.9	156.8	1.8	54.0	5.3	53.9	KGO-5

It has thus been shown that the nighttime facility proposed herein meets all the requirements of 47 C.F.R. §73.182 with respect to nighttime skywave protection of co- and adjacent-channel stations.

Crawford Broadcasting

800 kHz Domestic RSS Protection Limits 25% & 50% Exclusion

Contributors: Licensed/Operating determines limit. FCC DATABASE: 11/ 2004

KQCV	B	L( )	US OK OKLAHOMA CITY	35-24-45	97-40-26	BL-20000612AAR
XEROK	O( O)	800 MX CH CD.JUAREZ		LIM: 47.453	RSS: 47.45	906 km
50% Exclusion RSS 47.45 mV/m						
25% Exclusion RSS 47.45 mV/m Requires Protection of 11.863 mV/m						
WSHO	L( )	800 US LA NEW ORLEANS		LIC. NEXT	2.657	940 km

  

KPQQ	B	L( )	US OR PORTLAND	45-28-39	122-45-01	BL-19990309DF
XEROK	O( O)	800 MX CH CD.JUAREZ		LIM: 10.561	RSS: 10.56	2083 km
50% Exclusion RSS 10.56 mV/m						
KGO	L( )	810 US CA SAN FRANCISCO		LIM: 4.469	RSS: 11.47	886 km
CKOR	O(A U)	800 CA BC PENTICTON		LIM: 4.060	RSS: 12.17	500 km
25% Exclusion RSS 12.17 mV/m Requires Protection of 3.041 mV/m						
CHAB	O( )	800 CA SK MOOSE JAW		LIC. NEXT	2.139	1399 km

  

KPQQ	B	C( )	US OR PORTLAND	45-28-39	122-45-03	BP-20030702AAJ
XEROK	O( O)	800 MX CH CD.JUAREZ		LIM: 10.561	RSS: 10.56	2083 km
50% Exclusion RSS 10.56 mV/m						
KGO	L( )	810 US CA SAN FRANCISCO		LIM: 4.469	RSS: 11.47	886 km
CKOR	O(A U)	800 CA BC PENTICTON		LIM: 4.060	RSS: 12.17	500 km
25% Exclusion RSS 12.17 mV/m Requires Protection of 3.041 mV/m						
CHAB	O( )	800 CA SK MOOSE JAW		LIC. NEXT	2.139	1399 km

  

NEW	B	A( )	US KY GLASGOW	37-00-17	85-56-27	BNP-20040129AWJ
XEROK	O( O)	800 MX CH CD.JUAREZ		LIM: 12.609	RSS: 12.61	1962 km
WDEH	L( )	800 US TN SWEETWATER		LIM: 8.096	RSS: 14.98	204 km
CKLW	O(A )	800 CA ON WINDSOR		LIM: 7.703	RSS: 16.85	616 km
50% Exclusion RSS 16.85 mV/m						
WPJM	L( )	800 US SC GREER		LIM: 5.466	RSS: 17.71	403 km
WKZI	L( )	800 US IL CASEY		LIM: 5.168	RSS: 18.45	311 km
25% Exclusion RSS 18.45 mV/m Requires Protection of 4.613 mV/m						
WKBC	L( )	800 US NC NORTH WILKESBORO	LIC. NEXT	4.339	438	km

  

NEW	B	A( )	US NC TRENT WOODS	35-06-03	77-04-33	BNP-20040130AIS
CKLW	O(A )	800 CA ON WINDSOR		LIM: 16.557	RSS: 16.56	929 km
50% Exclusion RSS 16.56 mV/m						
WDSC	L(AUU)	800 US SC DILLON		LIM: 8.260	RSS: 18.50	228 km
WSVS	L(A )	800 US VA CREWE		LIM: 6.630	RSS: 19.65	253 km
XEROK	O( O)	800 MX CH CD.JUAREZ		LIM: 6.576	RSS: 20.73	2736 km
WTMR	L(A )	800 US NJ CAMDEN		LIM: 5.918	RSS: 21.55	562 km
25% Exclusion RSS 21.55 mV/m Requires Protection of 5.389 mV/m						
WKBC	L( )	800 US NC NORTH WILKESBORO	LIC. NEXT	4.975	387	km

  

NEW	B	A( )	US TX MOUNT PLEASANT	33-07-24	94-57-44	BNP-20040130ASP
XEROK	O( O)	800 MX CH CD.JUAREZ		LIM: 36.698	RSS: 36.70	1083 km
50% Exclusion RSS 36.70 mV/m						
KQCV	L( )	800 US OK OKLAHOMA CITY		LIM: 10.845	RSS: 38.27	356 km
25% Exclusion RSS 38.27 mV/m Requires Protection of 9.567 mV/m						
WSHO	L( )	800 US LA NEW ORLEANS	LIC. NEXT	4.651	587	km

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WDSC	B	C( )	US SC DILLON	34-22-08	79-24-17	BP-20040227AAX
CKLW	O(A )	800	CA ON WINDSOR	LIM:	10.533	RSS: 10.53 910 km
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	7.922	RSS: 13.18 2524 km
WPJM	L( )	800	US SC GREER	LIM:	7.711	RSS: 15.27 268 km
50% Exclusion RSS		15.27	mV/m			
WJAT	L( )	800	US GA SWAINSBORO	LIM:	7.192	RSS: 16.88 338 km
WKBC	L( )	800	US NC NORTH WILKESBORO	LIM:	6.887	RSS: 18.23 256 km
WSVS	L(A )	800	US VA CREWE	LIM:	5.605	RSS: 19.07 333 km
25% Exclusion RSS		19.07	mV/m	Requires Protection of	4.768	mV/m
WDEH	L( )	800	US TN SWEETWATER	LIC. NEXT	4.225	481 km
KINY	B	L(A )	US AK JUNEAU	58-18-05	134-26-26	BL-19971015KH
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	1.919	RSS: 2.50 3635 km
50% Exclusion RSS		2.50	mV/m			
25% Exclusion RSS		2.50	mV/m	Requires Protection of	0.625	mV/m
KGO	L( )	810	US CA SAN FRANCISCO	LIC. NEXT	0.505	2477 km
WKBC	B	L( )	US NC NORTH WILKESBORO	36-11-16	81-08-30	BL-19981110AB
CKLW	O(A )	800	CA ON WINDSOR	LIM:	12.354	RSS: 12.35 672 km
WPJM	L( )	800	US SC GREER	LIM:	8.997	RSS: 15.28 170 km
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	8.714	RSS: 17.59 2374 km
50% Exclusion RSS		17.59	mV/m			
WDSC	C( )	800	US SC DILLON	LIM:	7.796	RSS: 19.24 256 km
WDEH	L( )	800	US TN SWEETWATER	LIM:	6.529	RSS: 20.32 306 km
WSVS	L(A )	800	US VA CREWE	LIM:	6.175	RSS: 21.24 288 km
WJAT	L( )	800	US GA SWAINSBORO	LIM:	5.906	RSS: 22.04 416 km
25% Exclusion RSS		22.04	mV/m	Requires Protection of	5.511	mV/m
WTMR	L(A )	800	US NJ CAMDEN	LIC. NEXT	3.838	671 km
WVAL	B	L( )	US MN SAUK RAPIDS	45-36-18	94-08-21	BL-19990224DC
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	12.066	RSS: 12.07 1872 km
WDUX	L( )	800	US WI WAUPACA	LIM:	7.416	RSS: 14.16 423 km
50% Exclusion RSS		14.16	mV/m			
CKDR	O(A )	800	CA ON DRYDEN	LIM:	4.294	RSS: 14.80 478 km
CKLW	O(A )	800	CA ON WINDSOR	LIM:	4.216	RSS: 15.39 975 km
25% Exclusion RSS		15.39	mV/m	Requires Protection of	3.847	mV/m
CHAB	O( )	800	CA SK MOOSE JAW	LIC. NEXT	3.012	990 km
KDFO	B	L(AO )	US CA BAKERSFIELD	35-20-44	118-59-33	BL-19901031AG
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	29.995	RSS: 30.00 1237 km
50% Exclusion RSS		30.00	mV/m			
KGO	L( )	810	US CA SAN FRANCISCO	LIM:	9.037	RSS: 31.33 369 km
25% Exclusion RSS		31.33	mV/m	Requires Protection of	7.832	mV/m
KABC	L( )	790	US CA LOS ANGELES	LIC. NEXT	4.283	157 km
WLAD	B	L( )	US CT DANBURY	41-22-27	73-26-47	BL-19801203AB
CKLW	O(A )	800	CA ON WINDSOR	LIM:	35.098	RSS: 35.10 796 km
50% Exclusion RSS		35.10	mV/m			
25% Exclusion RSS		35.10	mV/m	Requires Protection of	8.775	mV/m
WTMR	L(A )	800	US NJ CAMDEN	LIC. NEXT	7.536	214 km

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WPLK	B	L(AUU)	US FL PALATKA	29-39-07	81-35-32 BL-19901031AC
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	9.638 RSS: 9.64 2376 km
WJAT	L( )	800	US GA SWAINSBORO	LIM:	7.254 RSS: 12.06 334 km
50% Exclusion RSS 12.06 mV/m					
WDSC	C( )	800	US SC DILLON	LIM:	3.796 RSS: 12.65 563 km
WPJM	L( )	800	US SC GREER	LIM:	3.590 RSS: 13.15 592 km
WSHO	L( )	800	US LA NEW ORLEANS	LIM:	3.516 RSS: 13.61 822 km
25% Exclusion RSS 13.61 mV/m Requires Protection of 3.402 mV/m					
CKLW	O(A )	800	CA ON WINDSOR	LIC. NEXT	2.978 1385 km
WJAT	B	L( )	US GA SWAINSBORO	32-35-08	82-21-42 BL-
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	10.220 RSS: 10.22 2258 km
WPJM	L( )	800	US SC GREER	LIM:	7.795 RSS: 12.85 263 km
WDSC	C( )	800	US SC DILLON	LIM:	6.445 RSS: 14.38 338 km
50% Exclusion RSS 14.38 mV/m					
WPLK	L(AUU)	800	US FL PALATKA	LIM:	6.100 RSS: 15.62 334 km
WDEH	L( )	800	US TN SWEETWATER	LIM:	5.340 RSS: 16.51 388 km
WKBC	L( )	800	US NC NORTH WILKESBORO	LIM:	4.661 RSS: 17.15 416 km
25% Exclusion RSS 17.15 mV/m Requires Protection of 4.288 mV/m					
CKLW	O(A )	800	CA ON WINDSOR	LIC. NEXT	4.242 1055 km
WKZI	B	L( )	US IL CASEY	39-18-16	87-58-17 BL-
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	13.466 RSS: 13.47 1864 km
CKLW	O(A )	800	CA ON WINDSOR	LIM:	12.758 RSS: 18.55 519 km
50% Exclusion RSS 18.55 mV/m					
25% Exclusion RSS 18.55 mV/m Requires Protection of 4.638 mV/m					
KQCV	L( )	800	US OK OKLAHOMA CITY	LIC. NEXT	4.565 960 km
WSHO	B	L( )	US LA NEW ORLEANS	29-50-42	90-06-39 BL-
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	20.583 RSS: 20.58 1566 km
50% Exclusion RSS 20.58 mV/m					
25% Exclusion RSS 20.58 mV/m Requires Protection of 5.146 mV/m					
KQCV	L( )	800	US OK OKLAHOMA CITY	LIC. NEXT	3.668 940 km
WTMR	B	L(A )	US NJ CAMDEN	39-54-33	75-06-00 BL-19880512AD
CKLW	O(A )	800	CA ON WINDSOR	LIM:	44.402 RSS: 44.40 705 km
50% Exclusion RSS 44.40 mV/m					
25% Exclusion RSS 44.40 mV/m Requires Protection of 11.101 mV/m					
WGY	L( )	810	US NY SCHENECTADY	LIC. NEXT	6.970 333 km
WDSC	B	L(AUU)	US SC DILLON	34-22-11	79-24-08 BL-19930218AB
CKLW	O(A )	800	CA ON WINDSOR	LIM:	10.540 RSS: 10.54 910 km
XEROK	O( O )	800	MX CH CD.JUAREZ	LIM:	7.920 RSS: 13.18 2524 km
WPJM	L( )	800	US SC GREER	LIM:	7.708 RSS: 15.27 268 km
50% Exclusion RSS 15.27 mV/m					
WJAT	L( )	800	US GA SWAINSBORO	LIM:	7.188 RSS: 16.88 339 km
WKBC	L( )	800	US NC NORTH WILKESBORO	LIM:	6.886 RSS: 18.23 256 km
WSVS	L(A )	800	US VA CREWE	LIM:	5.607 RSS: 19.07 333 km
25% Exclusion RSS 19.07 mV/m Requires Protection of 4.768 mV/m					
WDEH	L( )	800	US TN SWEETWATER	LIC. NEXT	4.223 481 km

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800 kHz Page 4									
WPJM	B	L( )	US SC GREER	34-56-59	82-14-43	BL-19860228AB			
XEROK	O( O )	800 MX CH CD.JUAREZ		LIM:	9.794	RSS:	9.79	2265	km
WJAT	L( )	800 US GA SWAINSBORO		LIM:	8.609	RSS:	13.04	263	km
WDEH	L( )	800 US TN SWEETWATER		LIM:	7.979	RSS:	15.29	214	km
WKBC	L( )	800 US NC NORTH WILKESBORO	LIM:	7.848	RSS:	17.18	170		km
50% Exclusion RSS 17.18 mV/m									
WDSC	C( )	800 US SC DILLON		LIM:	7.615	RSS:	18.80	268	km
CKLW	O(A )	800 CA ON WINDSOR		LIM:	6.839	RSS:	20.00	793	km
25% Exclusion RSS 20.00 mV/m Requires Protection of 5.000 mV/m									
WSVS	L(A )	800 US VA CREWE		LIC.	NEXT		4.301	443	km
WDEH	B	L( )	US TN SWEETWATER	35-36-49	84-27-33	BL-			
XEROK	O( O )	800 MX CH CD.JUAREZ		LIM:	11.594	RSS:	11.59	2070	km
WPJM	L( )	800 US SC GREER		LIM:	8.578	RSS:	14.42	214	km
50% Exclusion RSS 14.42 mV/m									
WJAT	L( )	800 US GA SWAINSBORO		LIM:	6.341	RSS:	15.75	388	km
CKLW	O(A )	800 CA ON WINDSOR		LIM:	6.145	RSS:	16.91	727	km
WKBC	L( )	800 US NC NORTH WILKESBORO	LIM:	6.119	RSS:	17.98	306		km
WDSC	C( )	800 US SC DILLON	LIM:	4.506	RSS:	18.54	481		km
25% Exclusion RSS 18.54 mV/m Requires Protection of 4.506 mV/m									
WSHO	L( )	800 US LA NEW ORLEANS		LIC.	NEXT		4.204	831	km
WSVS	B	L(A )	US VA CREWE	37-11-43	78-10-01	BL-			
CKLW	O(A )	800 CA ON WINDSOR		LIM:	28.596	RSS:	28.60	681	km
50% Exclusion RSS 28.60 mV/m									
WTMR	L(A )	800 US NJ CAMDEN		LIM:	7.429	RSS:	29.55	403	km
25% Exclusion RSS 29.55 mV/m Requires Protection of 7.386 mV/m									
XEROK	O( O )	800 MX CH CD.JUAREZ		LIC.	NEXT		6.764	2647	km
WDUX	B	L( )	US WI WAUPACA	44-21-15	89-03-29	BL-			
XEROK	O( O )	800 MX CH CD.JUAREZ		LIM:	10.045	RSS:	10.05	2061	km
CKLW	O(A )	800 CA ON WINDSOR		LIM:	9.492	RSS:	13.82	553	km
50% Exclusion RSS 13.82 mV/m									
25% Exclusion RSS 13.82 mV/m Requires Protection of 3.455 mV/m									
WVAL	L( )	800 US MN SAUK RAPIDS		LIC.	NEXT		3.293	423	km

Crawford Broadcasting

810 kHz RSS Protection Limits 25% & 50% Exclusion

Contributors: Licensed/Operating determines limit. FCC DATABASE: 11/ 2004

ZYL202	B	O( )	BR NO AIMORES	19-30-00	41-04-00	-
ZYH472	O( )	810 BR NO JEQUIE	LIM:	3.254	RSS:	3.25 715 km
ZYK655	O( )	810 BR NO SANTOS	LIM:	2.463	RSS:	4.08 672 km
CX14	O( )	810 UY NO MONTEVIDEO 1	LIM:	2.399	RSS:	4.73 2230 km
50% Exclusion RSS 4.73 mV/m Requires Protection of 2.367 mV/m						
ZYL266	O( )	810 BR NO NEPOMUCENO	LIC. NEXT	1.223	504 km	
ALLOC	C	P( )	BR NO ALTA FLOREST	-9-52-00	56-05-00	-
HJCY	O( )	810 CO NO BOGOTA 22	LIM:	2.884	RSS:	2.88 2461 km
50% Exclusion RSS 2.88 mV/m Requires Protection of 2.000 mV/m						
CX14	O( )	810 UY NO MONTEVIDEO 1	LIC. NEXT	1.342	2787 km	
ALLOC	C	P( )	BR NO CAPINOPOLIS	18-41-00	49-34-00	-
CX14	O( )	810 UY NO MONTEVIDEO 1	LIM:	3.894	RSS:	3.89 1891 km
ZYK655	O( )	810 BR NO SANTOS	LIM:	2.564	RSS:	4.66 628 km
ZYK732	O( )	810 BR NO S J DO R PRE	LIM:	2.342	RSS:	5.22 211 km
50% Exclusion RSS 5.22 mV/m Requires Protection of 2.342 mV/m						
ZYH767	O( )	810 BR NO RIALMA	LIC. NEXT	2.211	291 km	
ZYH589	A	O( )	BR NO FORTALEZA 1	-3-45-00	38-33-00	-
ZYH472			CLASS-A 0.5 mV/m Contour protected on ALL points			
ALLOC	C	P( )	BR NO ITAOBIM	16-34-00	41-30-00	-
ZYH472	O( )	810 BR NO JEQUIE	LIM:	4.104	RSS:	4.10 395 km
ZYL202	O( )	810 BR NO AIMORES	LIM:	3.194	RSS:	5.20 342 km
50% Exclusion RSS 5.20 mV/m Requires Protection of 2.600 mV/m						
ZYK655	O( )	810 BR NO SANTOS	LIC. NEXT	1.856	891 km	
ZYH472	B	O( )	BR NO JEQUIE	13-51-27	40-05-01	-
ZYH589	O( )	810 BR NO FORTALEZA 1	LIM:	2.914	RSS:	2.91 1113 km
ZYL202	O( )	810 BR NO AIMORES	LIM:	2.293	RSS:	3.71 715 km
50% Exclusion RSS 3.71 mV/m Requires Protection of 2.000 mV/m						
CX14	O( )	810 UY NO MONTEVIDEO 1	LIC. NEXT	1.255	2864 km	
ZYK604	B	O( )	BR NO JUNDIAI	23-10-00	46-54-00	-
CX14	O( )	810 UY NO MONTEVIDEO 1	LIM:	8.534	RSS:	8.53 1476 km
50% Exclusion RSS 8.53 mV/m Requires Protection of 4.267 mV/m						
ZYK655	O( )	810 BR NO SANTOS	LIC. NEXT	3.448	107 km	
ZYL266	C	O( )	BR NO NEPOMUCENO	21-14-00	45-14-00	-
CX14	O( )	810 UY NO MONTEVIDEO 1	LIM:	4.848	RSS:	4.85 1763 km
ZYK655	O( )	810 BR NO SANTOS	LIM:	3.419	RSS:	5.93 179 km
50% Exclusion RSS 5.93 mV/m Requires Protection of 2.966 mV/m						
ZYL202	O( )	810 BR NO AIMORES	LIC. NEXT	2.770	504 km	
ALLOC	C	P( )	BR NO PATROCINIO	18-57-00	47-00-00	-
ZYK655	O( )	810 BR NO SANTOS	LIM:	2.704	RSS:	2.70 561 km
ZYH472	O( )	810 BR NO JEQUIE	LIM:	2.478	RSS:	3.67 922 km
ZYL202	O( )	810 BR NO AIMORES	LIM:	2.460	RSS:	4.42 648 km
50% Exclusion RSS 4.42 mV/m Requires Protection of 2.209 mV/m						
ZYH767	O( )	810 BR NO RIALMA	LIC. NEXT	2.048	381 km	

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ALLOC	C	P( )	BR NO PORTO NACION	10-42-00	48-25-00	-			
ZYH472	O( )	810 BR NO JEQUIE		LIM:	2.355	RSS:	2.50	963	km
ZYH589	O( )	810 BR NO FORTALEZA 1		LIM:	1.946	RSS:	3.05	1343	km
ZYH767	O( )	810 BR NO RIALMA		LIM:	1.685	RSS:	3.49	612	km
50% Exclusion RSS		3.49 mV/m Requires Protection of	1.685 mV/m						
HJCY	O( )	810 CO NO BOGOTA 22		LIC.	NEXT		1.470	3250	km
ALLOC	C	P( )	BR NO PROPRIA	10-13-00	36-50-00	-			
ZYH589	O( )	810 BR NO FORTALEZA 1		LIM:	4.276	RSS:	4.28	859	km
ZYH472	O( )	810 BR NO JEQUIE		LIM:	3.995	RSS:	5.85	441	km
50% Exclusion RSS		5.85 mV/m Requires Protection of	2.926 mV/m						
ZYL202	O( )	810 BR NO AIMORES		LIC.	NEXT		1.392	1071	km
ZYH767	B	O( )	BR NO RIALMA	15-19-00	49-35-00	-			
CX14	O( )	810 UY NO MONTEVIDEO 1		LIM:	2.600	RSS:	2.60	2168	km
ZYH472	O( )	810 BR NO JEQUIE		LIM:	2.019	RSS:	3.29	1065	km
ZYK655	O( )	810 BR NO SANTOS		LIM:	1.861	RSS:	3.78	890	km
50% Exclusion RSS		3.78 mV/m Requires Protection of	1.861 mV/m						
ZYK732	O( )	810 BR NO S J DO R PRE		LIC.	NEXT		1.825	505	km
ALLOC	C	P( )	BR NO S JOSE R CLA	13-27-00	56-43-00	-			
HJCY	O( )	810 CO NO BOGOTA 22		LIM:	2.249	RSS:	2.50	2718	km
CX14	O( )	810 UY NO MONTEVIDEO 1		LIM:	2.201	RSS:	3.15	2296	km
50% Exclusion RSS		3.15 mV/m Requires Protection of	2.000 mV/m						
ZYH767	O( )	810 BR NO RIALMA		LIC.	NEXT		1.354	806	km
ALLOC	C	P( )	BR NO S M DA VITOR	13-25-00	44-12-00	-			
ZYH472	O( )	810 BR NO JEQUIE		LIM:	3.969	RSS:	3.97	450	km
ZYL202	O( )	810 BR NO AIMORES		LIM:	2.224	RSS:	4.55	738	km
50% Exclusion RSS		4.55 mV/m Requires Protection of	2.224 mV/m						
ZYH589	O( )	810 BR NO FORTALEZA 1		LIC.	NEXT		2.080	1306	km
ZYK655	C	O( )	BR NO SANTOS	23-57-00	46-17-00	-			
CX14	O( )	810 UY NO MONTEVIDEO 1		LIM:	6.915	RSS:	6.91	1583	km
50% Exclusion RSS		6.91 mV/m Requires Protection of	3.457 mV/m						
ZYL202	O( )	810 BR NO AIMORES		LIC.	NEXT		2.404	672	km
NEW	C	O( )	BF NO FREEPORT	26-32-00	78-45-00	-C6B3			
HJCY	O( )	810 CO NO BOGOTA 22		LIM:	2.841	RSS:	2.84	2479	km
WGY	L( )	810 US NY SCHENECTADY		LIM:	2.837	RSS:	4.01	1858	km
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	2.030	RSS:	4.50	1505	km
50% Exclusion RSS		4.50 mV/m Requires Protection of	2.030 mV/m						
YVLP	O( )	810 VE NO VALENCIA 1		LIC.	NEXT		1.499	2141	km
CP 188	B	O( )	BL NO WARNES	17-30-00	63-09-00	-			
CX14	O( )	810 UY NO MONTEVIDEO 1		LIM:	3.359	RSS:	3.36	1979	km
HJCY	O( )	810 CO NO BOGOTA 22		LIM:	2.401	RSS:	4.13	2647	km
50% Exclusion RSS		4.13 mV/m Requires Protection of	2.064 mV/m						
YVLP	O( )	810 VE NO VALENCIA 1		LIC.	NEXT		0.620	3012	km

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HJCY	A	O( )	CO NO BOGOTA 22	4-40-00	74-11-00	-
	YVLP		CLASS-A 0.5 mV/m Contour protected on ALL points			
CMMB	B	P( )	CU NO GUANTANAMO	20-09-00	75-10-00	-
HJCY	O( )	810 CO NO BOGOTA 22	LIM: 8.194	RSS: 8.19	1725 km	
YVLP	O( )	810 VE NO VALENCIA 1	LIM: 6.083	RSS: 10.21	1350 km	
50% Exclusion RSS	10.21 mV/m	Requires Protection of 5.103 mV/m				
WKVM	L( )	810 US PR SAN JUAN	LIC. NEXT	3.683	968 km	
HCVT2	C	O( )	EC NO ATALAYA	-2-09-20	79-34-04	-
HJCY	O( )	810 CO NO BOGOTA 22	LIM: 32.585	RSS: 32.59	939 km	
50% Exclusion RSS	32.59 mV/m	Requires Protection of 16.293 mV/m				
YVLP	O( )	810 VE NO VALENCIA 1	LIC. NEXT	2.327	1850 km	
HCDE2	B	O( )	EC NO GUAYAQUIL	-2-12-00	79-53-00	-
HJCY	O( )	810 CO NO BOGOTA 22	LIM: 31.851	RSS: 31.85	958 km	
50% Exclusion RSS	31.85 mV/m	Requires Protection of 15.925 mV/m				
YVLP	O( )	810 VE NO VALENCIA 1	LIC. NEXT	2.247	1871 km	
ALLOC	A	P( )	GL NO UPERNAVIK	72-47-02	56-18-05	-
	WGY		CLASS-A 0.5 mV/m Contour protected on ALL points			
TGMM	A	O( )	GT NO RADIOMOPAN	17-03-00	89-10-00	-
	YSAX		CLASS-A 0.5 mV/m Contour protected on ALL points			
HRLP 24	C	O( )	HO NO CHOLUTECA 4	13-17-00	87-18-00	-
YSAX	O( )	810 ES NO SAN SALVADOR	LIM: 11.649	RSS: 11.65	211 km	
TGMM	O( )	810 GT NO RADIOMOPAN	LIM: 9.163	RSS: 14.82	464 km	
HJCY	O( )	810 CO NO BOGOTA 22	LIM: 8.133	RSS: 16.91	1729 km	
50% Exclusion RSS	16.91 mV/m	Requires Protection of 8.133 mV/m				
YSFA	O( )	810 ES NO SAN VICENTE	LIC. NEXT	3.872	167 km	
HOG	C	O( )	PM NO RADIO MUNDIA	8-59-15	79-32-22	-
HJCY	O( )	810 CO NO BOGOTA 22	LIM: 40.308	RSS: 40.31	762 km	
50% Exclusion RSS	40.31 mV/m	Requires Protection of 20.154 mV/m				
YVLP	O( )	810 VE NO VALENCIA 1	LIC. NEXT	7.007	1272 km	
YSAX	A	O( )	ES NO SAN SALVADOR	13-43-00	89-12-00	-
TGMM			CLASS-A 0.5 mV/m Contour protected on ALL points			
YSFA	A	O( )	ES NO SAN VICENTE	13-37-00	88-48-00	-
TGMM			CLASS-A 0.5 mV/m Contour protected on ALL points			
CX14	A	O( )	UY NO MONTEVIDEO 1	34-48-00	56-19-00	-
HJCY			CLASS-A 0.5 mV/m Contour protected on ALL points			
YVLP	A	O( )	VE NO VALENCIA 1	10-10-00	68-00-00	-
HJCY			CLASS-A 0.5 mV/m Contour protected on ALL points			
XENVA2	B	P( O )	MX CH NUEVO CASAS GRAN	30-21-55	107-58-42	-
KGO	L( )	810 US CA SAN FRANCISCO	LIM: 11.551	RSS: 11.55	1524 km	
50% Exclusion RSS	11.55 mV/m	Requires Protection of 5.776 mV/m				
XEIM	O( O )	810 MX CI SALTILLO	LIC. NEXT	2.987	875 km	

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XEIM	B	O( O ) MX CI SALTILLO	25-27-58	101-00-10	-
XEYM	O( O )	810 MX MC MORELIA		LIM:	5.834 RSS: 5.83 641 km
KSJL	L(AUU)	810 US TX SOMERSET		LIM:	5.232 RSS: 7.84 494 km
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	4.753 RSS: 9.16 1541 km
50% Exclusion RSS 9.16 mV/m Requires Protection of 4.582 mV/m					
KXOI	L( )	810 US TX CRANE		LIC. NEXT	3.701 681 km
 XEMAX1	 B	 P( O ) MX CL ARMERIA	 18-56-13	 103-56-57	 -
XEYM	O( O )	810 MX MC MORELIA		LIM:	7.997 RSS: 8.00 302 km
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	4.416 RSS: 9.13 1577 km
50% Exclusion RSS 9.13 mV/m Requires Protection of 4.416 mV/m					
XEHT	O( O )	810 MX TL HUAMANTLA		LIC. NEXT	4.196 634 km
 XEIN	 B	 O( A ) MX CS CINTALAPA	 16-41-25	 93-42-33	 -
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	22.582 RSS: 22.58 485 km
YSAX	O( )	810 ES NO SAN SALVADOR		LIM:	20.784 RSS: 30.69 586 km
50% Exclusion RSS 30.69 mV/m Requires Protection of 15.345 mV/m					
XEOE	O( A )	810 MX CS TAPACHULA		LIC. NEXT	8.446 253 km
 XEOE	 B	 O( A ) MX CS TAPACHULA	 14-53-39	 92-14-49	 -
YSAX	O( )	810 ES NO SAN SALVADOR		LIM:	25.538 RSS: 25.54 354 km
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	24.319 RSS: 35.26 407 km
50% Exclusion RSS 35.26 mV/m Requires Protection of 17.632 mV/m					
HJCY	O( )	810 CO NO BOGOTA 22		LIC. NEXT	8.894 2280 km
 XEAGR	 B	 P( A ) MX GR ACAPULCO	 16-49-42	 99-51-22	 -
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	9.916 RSS: 9.92 1137 km
YSAX	O( )	810 ES NO SAN SALVADOR		LIM:	9.007 RSS: 13.40 1194 km
XEYM	O( O )	810 MX MC MORELIA		LIM:	7.620 RSS: 15.41 348 km
50% Exclusion RSS 15.41 mV/m Requires Protection of 7.620 mV/m					
XEHT	O( O )	810 MX TL HUAMANTLA		LIC. NEXT	5.456 342 km
 XEYM	 B	 O( O ) MX MC MORELIA	 19-42-16	 101-11-30	 -
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	7.451 RSS: 7.45 1302 km
YSAX	O( )	810 ES NO SAN SALVADOR		LIM:	5.772 RSS: 9.43 1439 km
XEHT	O( O )	810 MX TL HUAMANTLA		LIM:	5.436 RSS: 10.88 346 km
50% Exclusion RSS 10.88 mV/m Requires Protection of 5.436 mV/m					
XEIM	O( O )	810 MX CI SALTILLO		LIC. NEXT	4.009 641 km
 XEUX	 B	 O( A ) MX NA TUXPAN	 21-55-00	 105-15-22	 -
XEYM	O( O )	810 MX MC MORELIA		LIM:	6.650 RSS: 6.65 489 km
KXOI	L( )	810 US TX CRANE		LIM:	5.287 RSS: 8.50 1102 km
XERSV1	P( A )	810 MX SO CD.OBREGON		LIM:	4.490 RSS: 9.61 781 km
50% Exclusion RSS 9.61 mV/m Requires Protection of 4.490 mV/m					
XEIM	O( O )	810 MX CI SALTILLO		LIC. NEXT	4.218 586 km
 XERB1	 B	 P( O ) MX QR COZUMEL	 20-28-22	 86-53-54	 -
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	23.352 RSS: 23.35 448 km
YSAX	O( )	810 ES NO SAN SALVADOR		LIM:	16.614 RSS: 28.66 790 km
50% Exclusion RSS 28.66 mV/m Requires Protection of 14.330 mV/m					
HJCY	O( )	810 CO NO BOGOTA 22		LIC. NEXT	9.480 2231 km

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XE	B P( O ) MX QR FELIPE CARRILLO	19-38-27	88-04-00	-
TGMM	O( ) 810 GT NO RADIOMOPAN	LIM:	26.694	RSS: 26.69 309 km
YSAX	O( ) 810 ES NO SAN SALVADOR	LIM:	19.230	RSS: 32.90 670 km
50% Exclusion RSS 32.90 mV/m Requires Protection of 16.450 mV/m				
HJCY	O( ) 810 CO NO BOGOTA 22	LIC. NEXT	9.327	2243 km
XERSV1	B P( A ) MX SO CD.OBREGON	27-30-50	109-56-08	-
KGO	L( ) 810 US CA SAN FRANCISCO	LIM:	13.997	RSS: 14.00 1591 km
50% Exclusion RSS 14.00 mV/m Requires Protection of 6.998 mV/m				
KXOI	L( ) 810 US TX CRANE	LIC. NEXT	4.085	857 km
XENVA2	B P( O ) MX SO NOGALES	31-19-00	110-58-00	-
KGO	L( ) 810 US CA SAN FRANCISCO	LIM:	21.892	RSS: 21.89 1231 km
50% Exclusion RSS 21.89 mV/m Requires Protection of 10.946 mV/m				
XEIM	O( O ) 810 MX CI SALTILLO	LIC. NEXT	1.887	1171 km
XENVA2	B P( O ) MX SO SAN LUIS RIO COL	32-28-48	114-46-24	-
KGO	L( ) 810 US CA SAN FRANCISCO	LIM:	44.838	RSS: 44.84 871 km
50% Exclusion RSS 44.84 mV/m Requires Protection of 22.419 mV/m				
HJCY	O( ) 810 CO NO BOGOTA 22	LIC. NEXT	1.323	5224 km
XERI	B O( O ) MX TA REYNOSA	26-04-15	98-15-28	-
TGMM	O( ) 810 GT NO RADIOMOPAN	LIM:	6.535	RSS: 6.53 1374 km
XEIM	O( O ) 810 MX CI SALTILLO	LIM:	5.660	RSS: 8.64 283 km
KEYM	O( O ) 810 MX MC MORELIA	LIM:	5.024	RSS: 10.00 769 km
50% Exclusion RSS 10.00 mV/m Requires Protection of 4.999 mV/m				
WHB	L( ) 810 US MO KANSAS CITY	LIC. NEXT	4.603	1511 km
XEFW1	B P( O ) MX TA TAMPICO	22-13-05	97-51-07	-
TGMM	O( ) 810 GT NO RADIOMOPAN	LIM:	11.000	RSS: 11.00 1075 km
YSAX	O( ) 810 ES NO SAN SALVADOR	LIM:	7.283	RSS: 13.19 1315 km
KEYM	O( O ) 810 MX MC MORELIA	LIM:	6.931	RSS: 14.90 445 km
50% Exclusion RSS 14.90 mV/m Requires Protection of 6.931 mV/m				
XEHT	O( O ) 810 MX TL HUAMANTLA	LIC. NEXT	5.576	322 km
XEHT1	B P( O ) MX TL HUAMANTLA	19-17-09	97-54-53	-
TGMM	O( ) 810 GT NO RADIOMOPAN	LIM:	13.188	RSS: 13.19 957 km
YSAX	O( ) 810 ES NO SAN SALVADOR	LIM:	10.303	RSS: 16.74 1116 km
50% Exclusion RSS 16.74 mV/m Requires Protection of 8.368 mV/m				
KEYM	O( O ) 810 MX MC MORELIA	LIC. NEXT	7.631	347 km
XEMQ1	B P( O ) MX YC MERIDA	21-01-23	89-33-48	-
TGMM	O( ) 810 GT NO RADIOMOPAN	LIM:	23.506	RSS: 23.51 442 km
YSAX	O( ) 810 ES NO SAN SALVADOR	LIM:	16.153	RSS: 28.52 813 km
50% Exclusion RSS 28.52 mV/m Requires Protection of 14.261 mV/m				
HJCY	O( ) 810 CO NO BOGOTA 22	LIC. NEXT	7.233	2462 km
XEZC	B P( O ) MX ZA RIO GRANDE	23-49-46	103-02-17	-
KEYM	O( O ) 810 MX MC MORELIA	LIM:	6.599	RSS: 6.60 497 km
KXOI	L( ) 810 US TX CRANE	LIM:	6.252	RSS: 9.09 853 km
XEIM	O( O ) 810 MX CI SALTILLO	LIM:	5.711	RSS: 10.74 274 km
50% Exclusion RSS 10.74 mV/m Requires Protection of 5.368 mV/m				
XERSV1	P( A ) 810 MX SO CD.OBREGON	LIC. NEXT	4.332	803 km

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810 kHz Page 6									
WHB	B	L( )	US MO KANSAS CITY	39-18-21	94-34-30	BL-19810706AA			
WGY	L( )	810 US NY SCHENECTADY		LIM:	6.407	RSS:	6.41	1763	km
WBAP	L( )	820 US TX FORT WORTH		LIM:	3.431	RSS:	7.27	780	km
50% Exclusion RSS 7.27 mV/m									
WDDD	L( )	810 US IL JOHNSTON CITY		LIM:	2.710	RSS:	7.76	521	km
XEROK	O( O )	800 MX CH CD.JUAREZ		LIM:	2.405	RSS:	8.12	1361	km
25% Exclusion RSS 8.12 mV/m Requires Protection of 2.030 mV/m									
KLDC	C( )	810 US CO BRIGHTON		LIC.	NEXT	2.016	891	km	
ZYK732	B	O( )	BR NO S J DO R PRE	20-47-00	49-22-00	-			
CX14	O( )	810 UY NO MONTEVIDEO	1	LIM:	5.444	RSS:	5.44	1701	km
ZYK655	O( )	810 BR NO SANTOS		LIM:	2.939	RSS:	6.19	449	km
50% Exclusion RSS 6.19 mV/m Requires Protection of 2.939 mV/m									
ZYL202	O( )	810 BR NO AIMORES		LIC.	NEXT	1.851	877	km	
KSJL	B	L(AUU)	US TX SOMERSET	29-18-48	98-30-29	BL-20001106ABM			
KXOI	L( )	810 US TX CRANE		LIM:	7.467	RSS:	7.47	439	km
WBAP	L( )	820 US TX FORT WORTH		LIM:	6.977	RSS:	10.22	388	km
XEROK	O( O )	800 MX CH CD.JUAREZ		LIM:	5.782	RSS:	11.74	799	km
50% Exclusion RSS 11.74 mV/m									
WHB	L( )	810 US MO KANSAS CITY		LIM:	5.305	RSS:	12.88	1168	km
XEIM	O( O )	810 MX CI SALTILLO		LIM:	4.924	RSS:	13.79	494	km
WGY	L( )	810 US NY SCHENECTADY		LIM:	3.695	RSS:	14.28	2648	km
25% Exclusion RSS 14.28 mV/m Requires Protection of 3.570 mV/m									
XERI	O( O )	810 MX TA REYNOSA		LIC.	NEXT	3.196	361	km	
XEMAX	B	P( O )	MX CL TECOMAN	18-56-06	103-53-21	-			
XEYM	O( O )	810 MX MC MORELIA		LIM:	8.046	RSS:	8.05	296	km
TGMM	O( )	810 GT NO RADIOMOPAN		LIM:	4.475	RSS:	9.21	1570	km
50% Exclusion RSS 9.21 mV/m Requires Protection of 4.475 mV/m									
XEHT	O( O )	810 MX TL HUAMANTLA		LIC.	NEXT	4.220	628	km	
WEUS	B	C( )	US FL ORLOVISTA	28-33-39	81-30-23	BNP-20001023ACZ			
WGY	L( )	810 US NY SCHENECTADY		LIM:	8.942	RSS:	8.94	1719	km
50% Exclusion RSS 8.94 mV/m									
WCKS	L(A )	810 US AL JACKSONVILLE		LIM:	3.266	RSS:	9.52	714	km
25% Exclusion RSS 9.52 mV/m Requires Protection of 2.380 mV/m									
WSJC	L( )	810 US MS MAGEE		LIC.	NEXT	2.018	868	km	
KLDC	B	C( )	US CO BRIGHTON	39-50-36	104-57-08	BP-20040109AAT			
XEROK	O( O )	800 MX CH CD.JUAREZ		LIM:	4.580	RSS:	4.58	915	km
KXOI	L( )	810 US TX CRANE		LIM:	4.065	RSS:	6.12	959	km
50% Exclusion RSS 6.12 mV/m									
KGO	L( )	810 US CA SAN FRANCISCO		LIM:	2.815	RSS:	6.74	1508	km
WGY	L( )	810 US NY SCHENECTADY		LIM:	2.617	RSS:	7.23	2590	km
WHB	L( )	810 US MO KANSAS CITY		LIM:	2.293	RSS:	7.58	891	km
WBAP	L( )	820 US TX FORT WORTH		LIM:	2.191	RSS:	7.89	1064	km
25% Exclusion RSS 7.89 mV/m Requires Protection of 1.974 mV/m									
CKJS	O( )	810 CA MB WINNIPEG		LIC.	NEXT	1.269	1257	km	

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NEW	B	A( ) US MN WILTON	47-24-00	94-58-30 BNP-20040127ANE	
WHB	L( )	810 US MO KANSAS CITY	LIM:	8.409 RSS: 8.41	901 km
WGY	L( )	810 US NY SCHENECTADY	LIM:	4.746 RSS: 9.66	1717 km
50% Exclusion RSS 9.66 mV/m					
25% Exclusion RSS 9.66 mV/m Requires Protection of 2.414 mV/m					
CKJS	O( )	810 CA MB WINNIPEG	LIC. NEXT	1.927 307 km	
NEW	B	A( ) US AK KNICK-FAIRVIEW	61-29-03	149-45-52 BNP-20040129AHN	
KGO	L( )	810 US CA SAN FRANCISCO	LIM:	2.218 RSS: 2.50	3277 km
KCBF	L(UUU)	820 US AK FAIRBANKS	LIM:	1.493 RSS: 2.67	392 km
50% Exclusion RSS 2.67 mV/m					
25% Exclusion RSS 2.67 mV/m Requires Protection of 0.668 mV/m					
NEW	P(A U)	810 CA AB BROOKS	LIC. NEXT	0.334 2603 km	
KLDC	B	A( ) US CO BRIGHTON	39-50-36	104-57-14 BMP-20040709ABW	
XEROK	O( O)	800 MX CH CD.JUAREZ	LIM:	4.580 RSS: 4.58	915 km
KXOI	L( )	810 US TX CRANE	LIM:	4.064 RSS: 6.12	960 km
50% Exclusion RSS 6.12 mV/m					
KGO	L( )	810 US CA SAN FRANCISCO	LIM:	2.815 RSS: 6.74	1508 km
WGY	L( )	810 US NY SCHENECTADY	LIM:	2.616 RSS: 7.23	2590 km
WHB	L( )	810 US MO KANSAS CITY	LIM:	2.292 RSS: 7.58	891 km
WBAP	L( )	820 US TX FORT WORTH	LIM:	2.191 RSS: 7.89	1064 km
25% Exclusion RSS 7.89 mV/m Requires Protection of 1.974 mV/m					
CKJS	O( )	810 CA MB WINNIPEG	LIC. NEXT	1.268 1257 km	
WEUS	B	A( ) US FL ORLOVISTA	28-34-18	81-26-02 BMP-20030609AAY	
WGY	L( )	810 US NY SCHENECTADY	LIM:	8.975 RSS: 8.98	1716 km
50% Exclusion RSS 8.98 mV/m					
WCKS	L(A )	810 US AL JACKSONVILLE	LIM:	3.204 RSS: 9.53	717 km
25% Exclusion RSS 9.53 mV/m Requires Protection of 2.383 mV/m					
WSJC	L( )	810 US MS MAGEE	LIC. NEXT	1.986 874 km	
WEUS	B	A( ) US FL ORLOVISTA	28-34-18	81-26-02 BMP-20030609AAY	
WGY	L( )	810 US NY SCHENECTADY	LIM:	8.975 RSS: 8.98	1716 km
50% Exclusion RSS 8.98 mV/m					
WCKS	L(A )	810 US AL JACKSONVILLE	LIM:	3.204 RSS: 9.53	717 km
25% Exclusion RSS 9.53 mV/m Requires Protection of 2.383 mV/m					
WSJC	L( )	810 US MS MAGEE	LIC. NEXT	1.986 874 km	
KGO	A	L( ) US CA SAN FRANCISCO	37-31-35	122-06-02 BL-19970703AC	
XEROK		CLASS-A 0.5 mV/m Contour protected on ALL points			
XEFW	B	O( O) MX TA TAMPICO	22-13-05	97-51-07 -	
TGMM	O( )	810 GT NO RADIOMOPAN	LIM:	11.000 RSS: 11.00	1075 km
YSAX	O( )	810 ES NO SAN SALVADOR	LIM:	7.283 RSS: 13.19	1315 km
XEYM	O( O)	810 MX MC MORELIA	LIM:	6.931 RSS: 14.90	445 km
50% Exclusion RSS 14.90 mV/m Requires Protection of 6.931 mV/m					
XEHT	O( O)	810 MX TL HUAMANTLA	LIC. NEXT	5.576 322 km	
XEHT	B	O( O) MX TL HUAMANTLA	19-18-40	97-55-32 -	
TGMM	O( )	810 GT NO RADIOMOPAN	LIM:	13.153 RSS: 13.15	959 km
YSAX	O( )	810 ES NO SAN SALVADOR	LIM:	10.257 RSS: 16.68	1118 km
50% Exclusion RSS 16.68 mV/m Requires Protection of 8.340 mV/m					
XEYM	O( O)	810 MX MC MORELIA	LIC. NEXT	7.645 346 km	

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						810 kHz Page 8
XEZC	B	O( O )	MX ZA RIO GRANDE	23-49-46	103-02-17	-
XEYIM	O( O )	810 MX MC MORELIA		LIM:	6.599	RSS: 6.60 497 km
KXOI	L( )	810 US TX CRANE		LIM:	6.252	RSS: 9.09 853 km
XEIM	O( O )	810 MX CI SALTILLO		LIM:	5.711	RSS: 10.74 274 km
50% Exclusion RSS 10.74 mV/m Requires Protection of 5.368 mV/m						
XERSV1	P( A )	810 MX SO CD.OBREGON		LIC. NEXT	4.332	803 km
WCKS	B	L(A )	US AL JACKSONVILLE	33-50-58	85-45-46	BL-19861125AK
WGY	L( )	810 US NY SCHENECTADY		LIM:	11.374	RSS: 11.37 1426 km
50% Exclusion RSS 11.37 mV/m						
25% Exclusion RSS 11.37 mV/m Requires Protection of 2.843 mV/m						
WBAP	L( )	820 US TX FORT WORTH		LIC. NEXT	2.252	1069 km
WDDD	B	L( )	US IL JOHNSTON CITY	37-51-14	88-52-12	BL-19860415AA
WGY	L( )	810 US NY SCHENECTADY		LIM:	11.071	RSS: 11.07 1372 km
50% Exclusion RSS 11.07 mV/m						
25% Exclusion RSS 11.07 mV/m Requires Protection of 2.768 mV/m						
WBAP	L( )	820 US TX FORT WORTH		LIC. NEXT	2.602	952 km
WSJC	B	L( )	US MS MAGEE	31-52-00	89-41-35	BL-19870609AK
WCKS	L(A )	810 US AL JACKSONVILLE		LIM:	10.329	RSS: 10.33 428 km
WHB	L( )	810 US MO KANSAS CITY		LIM:	8.295	RSS: 13.25 937 km
WGY	L( )	810 US NY SCHENECTADY		LIM:	7.335	RSS: 15.14 1838 km
50% Exclusion RSS 15.14 mV/m						
WBAP	L( )	820 US TX FORT WORTH		LIM:	4.028	RSS: 15.67 708 km
25% Exclusion RSS 15.67 mV/m Requires Protection of 3.917 mV/m						
WDDD	L( )	810 US IL JOHNSTON CITY		LIC. NEXT	3.606	670 km
WGY	A	L( )	US NY SCHENECTADY	42-47-37	74-00-36	BL-
CKLW	CLASS-A	0.5 mV/m	Contour protected on ALL points			
KXOI	B	L( )	US TX CRANE	31-28-39	102-20-24	BL-19810915AN
XEROK	O( O )	800 MX CH CD.JUAREZ		LIM:	13.002	RSS: 13.00 383 km
50% Exclusion RSS 13.00 mV/m						
WBAP	L( )	820 US TX FORT WORTH		LIM:	5.801	RSS: 14.24 504 km
KGO	L( )	810 US CA SAN FRANCISCO		LIM:	3.962	RSS: 14.78 1927 km
25% Exclusion RSS 14.78 mV/m Requires Protection of 3.695 mV/m						
WHB	L( )	810 US MO KANSAS CITY		LIC. NEXT	3.586	1118 km
WKVM	B	L( )	US PR SAN JUAN	18-21-47	66-08-13	BL-20RC1104FB
WGY	L( )	810 US NY SCHENECTADY		LIM:	4.086	RSS: 4.09 2816 km
50% Exclusion RSS 4.09 mV/m						
25% Exclusion RSS 4.09 mV/m Requires Protection of 1.021 mV/m						
XEOE	O( A )	810 MX CS TAPACHULA		LIC. NEXT	0.741	2806 km
NEW	B	P(A U)	CA AB BROOKS	50-29-35	111-53-05	-
KGO	L( )	810 US CA SAN FRANCISCO		LIM:	10.573	RSS: 10.57 1653 km
50% Exclusion RSS 10.57 mV/m Requires Protection of 5.287 mV/m						
WHB	L( )	810 US MO KANSAS CITY		LIC. NEXT	2.069	1837 km

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CKJS B O( ) CA MB WINNIPEG 49-44-07 97-11-36 -  
WHB L( ) 810 US MO KANSAS CITY LIM: 12.854 RSS: 12.85 1178 km  
50% Exclusion RSS 12.85 mV/m Requires Protection of 6.427 mV/m  
WGY L( ) 810 US NY SCHENECTADY LIC. NEXT 6.296 1932 km

CJVA B O(A ) CA NB CARAQUET 47-46-05 65-03-13 -  
WGY L( ) 810 US NY SCHENECTADY LIM: 38.105 RSS: 38.10 892 km  
50% Exclusion RSS 38.10 mV/m Requires Protection of 19.052 mV/m  
HJCY O( ) 810 CO NO BOGOTA 22 LIC. NEXT 1.529 4871 km

Crawford Broadcasting

820 kHz Domestic RSS Protection Limits 25% & 50% Exclusion

Contributors: Licensed/Operating determines limit. FCC DATABASE: 11/ 2004

KUTR	B	C( )	US UT TAYLORSVILLE	40-19-46 112-04-11 BNP-20001023ABW
WBAP	L( )	820 US TX FORT WORTH	LIM: 11.302 RSS: 11.30 1582 km	
50% Exclusion RSS 11.30 mV/m				
25% Exclusion RSS 11.30 mV/m Requires Protection of 2.826 mV/m				
XEVMS	O( A )	820 MX BN MEXICALI	LIC. NEXT 0.931 912 km	
WBCU	B	A( )	US SC UNION	34-46-52 81-41-52 BMJ-20001023ADN
WBAP	L( )	820 US TX FORT WORTH	LIM: 13.573 RSS: 13.57 1450 km	
50% Exclusion RSS 13.57 mV/m				
WTRU	L(A )	830 US NC KERNERSVILLE	LIM: 4.518 RSS: 14.31 208 km	
25% Exclusion RSS 14.31 mV/m Requires Protection of 3.576 mV/m				
WGY	L( )	810 US NY SCHENECTADY	LIC. NEXT 1.735 1111 km	
WNYC	B	L( )	US NY NEW YORK	40-45-10 74-06-15 BML-20030411ACV
WXTR	L(AUU)	820 US MD FREDERICK	LIM: 10.835 RSS: 10.83 323 km	
WGY	L( )	810 US NY SCHENECTADY	LIM: 7.257 RSS: 13.04 227 km	
50% Exclusion RSS 13.04 mV/m				
WWLZ	L(A )	820 US NY HORSEHEADS	LIM: 5.564 RSS: 14.18 277 km	
WGGM	L(A )	820 US VA CHESTER	LIM: 5.321 RSS: 15.14 472 km	
WBAP	L( )	820 US TX FORT WORTH	LIM: 5.272 RSS: 16.04 2238 km	
25% Exclusion RSS 16.04 mV/m Requires Protection of 4.009 mV/m				
WEEU	L( )	830 US PA READING	LIC. NEXT 2.556 172 km	
NEW	B	A( )	US NC TOWN CREEK	34-05-35 78-12-57 BNP-20040126AJY
WBAP	L( )	820 US TX FORT WORTH	LIM: 9.613 RSS: 9.61 1765 km	
WGGM	L(A )	820 US VA CHESTER	LIM: 7.767 RSS: 12.36 373 km	
WTRU	L(A )	830 US NC KERNERSVILLE	LIM: 6.242 RSS: 13.85 296 km	
50% Exclusion RSS 13.85 mV/m				
25% Exclusion RSS 13.85 mV/m Requires Protection of 3.461 mV/m				
WXTR	L(AUU)	820 US MD FREDERICK	LIC. NEXT 2.112 595 km	
NEW	B	A( )	US MI ESCANABA	45-42-53 87-11-55 BNP-20040129ABA
WBAP	L( )	820 US TX FORT WORTH	LIM: 8.603 RSS: 8.60 1688 km	
CHAM	O(B )	820 CA ON HAMILTON	LIM: 6.704 RSS: 10.91 656 km	
50% Exclusion RSS 10.91 mV/m				
WCCO	L( )	830 US MN MINNEAPOLIS	LIM: 4.799 RSS: 11.92 483 km	
WOSU	L(AUU)	820 US OH COLUMBUS	LIM: 3.984 RSS: 12.56 728 km	
25% Exclusion RSS 12.56 mV/m Requires Protection of 3.141 mV/m				
NEW	P(A U)	820 CA ON NIPIGON	LIC. NEXT 2.335 371 km	
NEW	B	A( )	US NC LELAND	34-16-14 78-09-25 BNP-20040129AQU
WBAP	L( )	820 US TX FORT WORTH	LIM: 9.534 RSS: 9.53 1771 km	
WGGM	L(A )	820 US VA CHESTER	LIM: 8.216 RSS: 12.59 352 km	
WTRU	L(A )	830 US NC KERNERSVILLE	LIM: 6.702 RSS: 14.26 284 km	
50% Exclusion RSS 14.26 mV/m				
25% Exclusion RSS 14.26 mV/m Requires Protection of 3.565 mV/m				
WXTR	L(AUU)	820 US MD FREDERICK	LIC. NEXT 2.228 575 km	
NEW	B	A( )	US NC MASONBORO	34-15-30 77-58-45 BNP-20040130ALJ
WBAP	L( )	820 US TX FORT WORTH	LIM: 9.374 RSS: 9.37 1787 km	
WGGM	L(A )	820 US VA CHESTER	LIM: 8.938 RSS: 12.95 351 km	
WTRU	L(A )	830 US NC KERNERSVILLE	LIM: 6.846 RSS: 14.65 296 km	
50% Exclusion RSS 14.65 mV/m				
25% Exclusion RSS 14.65 mV/m Requires Protection of 3.662 mV/m				
WXTR	L(AUU)	820 US MD FREDERICK	LIC. NEXT 2.321 575 km	

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NEW	B	A( )	US NC MASONBORO	34-13-31	77-59-17	BNP-20040130BEM			
WBAP	L( )	820 US TX FORT WORTH			LIM:	9.386	RSS:	9.39	1786 km
WGGM	L(A )	820 US VA CHESTER			LIM:	8.848	RSS:	12.90	355 km
WTRU	L(A )	830 US NC KERNERSVILLE			LIM:	6.771	RSS:	14.57	298 km
50% Exclusion RSS 14.57 mV/m									
25% Exclusion RSS 14.57 mV/m Requires Protection of 3.642 mV/m									
WXTR	L(AUU)	820 US MD FREDERICK			LIC. NEXT	2.298		578	km
KUTR	B	C( )	US UT TAYLORSVILLE	40-19-48	112-04-09	BMP-20040107AMT			
WBAP	L( )	820 US TX FORT WORTH			LIM:	11.302	RSS:	11.30	1582 km
50% Exclusion RSS 11.30 mV/m									
25% Exclusion RSS 11.30 mV/m Requires Protection of 2.826 mV/m									
XEVMS	O( A )	820 MX BN MEXICALI			LIC. NEXT	0.931		912	km
KCBF	A	L(UUU)	US AK FAIRBANKS	64-52-44	147-40-06	BL-19980120AD			
KGNW		CLASS-A	0.1 mV/m Contour protected on ALL points						
WMGG	B	L(A )	US FL LARGO	27-54-30	82-46-51	BL-19870219AA			
WBAP	L( )	820 US TX FORT WORTH			LIM:	14.067	RSS:	14.07	1476 km
50% Exclusion RSS 14.07 mV/m									
25% Exclusion RSS 14.07 mV/m Requires Protection of 3.517 mV/m									
WTRU	L(A )	830 US NC KERNERSVILLE			LIC. NEXT	1.118		953	km
WXTR	B	L(AUU)	US MD FREDERICK	39-24-42	77-28-20	BL-19910827AC			
WBAP	L( )	820 US TX FORT WORTH			LIM:	7.474	RSS:	7.47	1921 km
WWLZ	L(A )	820 US NY HORSEHEADS			LIM:	5.640	RSS:	9.36	309 km
WGY	L( )	810 US NY SCHENECTADY			LIM:	5.325	RSS:	10.77	475 km
50% Exclusion RSS 10.77 mV/m									
WGGM	L(A )	820 US VA CHESTER			LIM:	4.136	RSS:	11.54	226 km
WOSU	L(AUU)	820 US OH COLUMBUS			LIM:	3.957	RSS:	12.20	481 km
CHAM	O(B )	820 CA ON HAMILTON			LIM:	3.566	RSS:	12.71	455 km
25% Exclusion RSS 12.71 mV/m Requires Protection of 3.177 mV/m									
WNYC	L( )	820 US NY NEW YORK			LIC. NEXT	1.414		323	km
WWLZ	B	L(A )	US NY HORSEHEADS	42-09-14	76-50-47	BL-19871218AD			
WXTR	L(AUU)	820 US MD FREDERICK			LIM:	8.849	RSS:	8.85	309 km
WGY	L( )	810 US NY SCHENECTADY			LIM:	7.263	RSS:	11.45	243 km
WBAP	L( )	820 US TX FORT WORTH			LIM:	5.992	RSS:	12.92	2077 km
50% Exclusion RSS 12.92 mV/m									
WOSU	L(AUU)	820 US OH COLUMBUS			LIM:	4.966	RSS:	13.84	577 km
25% Exclusion RSS 13.84 mV/m Requires Protection of 3.461 mV/m									
WGGM	L(A )	820 US VA CHESTER			LIC. NEXT	2.136		533	km
WOSU	B	L(AUU)	US OH COLUMBUS	39-54-35	83-03-23	BL-19881021AA			
WBAP	L( )	820 US TX FORT WORTH			LIM:	11.928	RSS:	11.93	1500 km
50% Exclusion RSS 11.93 mV/m									
25% Exclusion RSS 11.93 mV/m Requires Protection of 2.982 mV/m									
WGY	L( )	810 US NY SCHENECTADY			LIC. NEXT	2.574		820	km

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WBAP	A	L( )	US TX FORT WORTH	32-36-38	97-10-00	BL-19800125AB
XESB			CLASS-A 0.5 mV/m	Contour protected on ALL points		
WGGM	B	L(A )	US VA CHESTER	37-22-58	77-25-41	BL-19880513AB
WBAP		L( )	820 US TX FORT WORTH	LIM:	8.177	RSS: 8.18 1870 km
WXTR		L(AUU)	820 US MD FREDERICK	LIM:	6.351	RSS: 10.35 226 km
50% Exclusion RSS 10.35 mV/m						
WOSU		L(AUU)	820 US OH COLUMBUS	LIM:	4.344	RSS: 11.23 564 km
WGY		L( )	810 US NY SCHENECTADY	LIM:	3.635	RSS: 11.80 668 km
WWLZ		L(A )	820 US NY HORSEHEADS	LIM:	3.583	RSS: 12.33 533 km
25% Exclusion RSS 12.33 mV/m Requires Protection of 3.083 mV/m						
CHAM	O(B )		820 CA ON HAMILTON	LIC. NEXT	2.630	668 km
KGNW	B	L(A )	US WA BURIEN-SEATTLE	47-26-00	122-28-02	BL-19851203AD
WBAP		L( )	820 US TX FORT WORTH	LIM:	3.362	RSS: 3.36 2691 km
KGO		L( )	810 US CA SAN FRANCISCO	LIM:	3.013	RSS: 4.51 1102 km
50% Exclusion RSS 4.51 mV/m						
25% Exclusion RSS 4.51 mV/m Requires Protection of 1.129 mV/m						
KUTR	C( )		820 US UT TAYLORSVILLE	LIC. NEXT	1.072	1146 km

Crawford Broadcasting  
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Call	Freq	km	azm	Req-Pro	θ-min	θ-max	Max	IDF
KGO -140	810	1568.8	210.3	0.500	1.71	5.12	112.2	
KGO -145	810	1708.3	210.7	0.500	0.96	4.11	128.7	
KGO -135	810	1427.3	210.9	0.500	2.54	6.28	96.6	
KGO -150	810	1842.3	211.9	0.500	0.31	3.23	145.5	
KGO -130	810	1290.4	212.8	0.500	3.46	7.58	82.5	
KGO -155	810	1967.7	213.7	0.500	0.00	2.48	162.1	
KGO -160	810	2081.0	215.9	0.500	0.00	1.85	178.1	
KGO -125	810	1166.4	216.2	0.500	4.40	8.94	70.6	
KGO -165	810	2180.8	218.5	0.500	0.00	1.33	192.5	
KGO -170	810	2264.1	221.4	0.500	0.00	0.91	205.1	
KGO -120	810	1064.0	221.5	0.500	5.30	10.26	61.5	
KGO -175	810	2329.3	224.5	0.500	0.00	0.60	216.1	
KGO -180	810	2374.6	227.8	0.500	0.00	0.39	225.2	
KGO -115	810	994.9	228.9	0.500	5.99	11.26	55.9	
KGO -185	810	2398.6	231.2	0.500	0.00	0.28	231.2	
KGO -190	810	2400.3	234.8	0.500	0.00	0.00	233.4	
KGO -110	810	974.2	238.0	0.500	6.21	11.58	54.5	
KGO -195	810	2381.3	238.4	0.500	0.00	0.36	232.5	
KGO -200	810	2340.0	242.1	0.500	0.00	0.55	228.5	
KGO -205	810	2275.7	245.9	0.500	0.00	0.86	220.6	
KGO -105	810	1018.0	247.8	0.500	5.75	10.91	59.0	
KGO -210	810	2181.8	249.7	0.500	0.00	1.33	208.4	
KGO -215	810	2054.9	253.7	0.500	0.00	2.00	190.7	
KGO -100	810	1124.0	256.1	0.500	4.76	9.46	70.1	
KGO -220	810	1906.7	257.6	0.500	0.02	2.84	170.3	
KGO -225	810	1737.4	261.4	0.500	0.82	3.91	147.2	
KGO -095	810	1269.2	261.6	0.500	3.61	7.80	86.3	
KGO -230	810	1725.5	262.3	0.500	0.88	3.99	146.0	
KGO -235	810	1736.0	262.9	0.500	0.83	3.92	147.9	
KGO -090	810	1285.3	262.9	0.500	3.49	7.63	88.4	
KGO -240	810	1747.7	263.6	0.500	0.77	3.84	150.0	
KGO -085	810	1278.9	263.8	0.500	3.54	7.70	87.9	
KGO -245	810	1757.7	264.2	0.500	0.72	3.77	152.0	
KGO -080	810	1274.8	264.7	0.500	3.57	7.74	87.7	
KGO -250	810	1760.0	264.9	0.500	0.71	3.76	152.8	
KGO -075	810	1271.1	265.6	0.500	3.59	7.78	87.4	
KGO -255	810	1755.7	265.7	0.500	0.73	3.79	152.6	
KGO -260	810	1747.0	266.4	0.500	0.77	3.85	151.8	
KGO -070	810	1277.6	266.5	0.500	3.55	7.71	88.4	
KGO -265	810	1745.6	267.1	0.500	0.78	3.85	152.0	
KGO -065	810	1296.5	267.3	0.500	3.41	7.52	90.8	
KGO -060	810	1300.5	268.1	0.500	3.38	7.47	91.5	
KGO -270	810	1814.7	268.3	0.500	0.44	3.41	163.8	
KGO -055	810	1300.2	269.0	0.500	3.39	7.48	91.7	
KGO -275	810	2032.9	271.1	0.500	0.00	2.12	204.1	
KGO -050	810	1205.1	272.5	0.500	4.09	8.49	81.6	
KGO -280	810	2232.4	274.2	0.500	0.00	1.07	248.3	
KGO -285	810	2372.1	277.4	0.500	0.00	0.40	285.6	
KGO -045	810	1073.8	280.1	0.500	5.21	10.12	68.5	
KGO -290	810	2460.6	280.4	0.500	0.00	0.00	315.5	

Call	Freq	km	azm	Req-Pro	θ-min	θ-max	Max	IDF
KGO -295	810	2506.6	283.3	0.500	0.00	0.00	337.3	
KGO -300	810	2516.8	286.1	0.500	0.00	0.00	350.9	
KGO -040	810	1027.7	287.7	0.500	5.65	10.77	64.9	
KGO -305	810	2502.3	288.7	0.500	0.00	0.00	357.5	
KGO -310	810	2470.2	291.2	0.500	0.00	0.00	358.9	
KGO -315	810	2424.8	293.7	0.500	0.00	0.00	355.6	
KGO -035	810	1035.3	294.5	0.500	5.58	10.66	66.9	
KGO -320	810	2369.1	296.1	0.500	0.00	0.41	348.3	
KGO -325	810	2306.1	298.5	0.500	0.00	0.71	337.7	
KGO -330	810	2236.0	300.8	0.500	0.00	1.05	324.3	
KGO -030	810	1075.4	301.3	0.500	5.20	10.10	73.0	
KGO -335	810	2158.7	303.0	0.500	0.00	1.44	307.1	
KGO -340	810	2071.9	305.1	0.500	0.00	1.90	285.8	
KGO -025	810	1148.4	305.7	0.500	4.55	9.16	83.5	
KGO -345	810	1977.4	306.9	0.500	0.00	2.43	261.5	
KGO -020	810	1236.7	307.8	0.500	3.85	8.14	96.9	
KGO -350	810	1876.3	308.5	0.500	0.16	3.02	235.4	
KGO -015	810	1335.8	309.7	0.500	3.14	7.13	113.8	
KGO -355	810	1771.1	309.7	0.500	0.65	3.69	208.4	
KGO -000	810	1662.1	310.6	0.500	1.20	4.43	181.9	
KGO -010	810	1441.8	310.7	0.500	2.45	6.16	134.0	
KGO -005	810	1551.8	310.9	0.500	1.80	5.25	156.8	

Crawford Broadcasting								
		Maximum	Nighttime	Inverse	Distance	Fields		
Call	Freq	km	azm	Req-Pro	θ-min	θ-max	Max	IDF
WGY -345	810	2462.2	58.4	0.500	0.00	0.00	587.2	
WGY -350	810	2516.5	58.4	0.500	0.00	0.00	629.0	
WGY -355	810	2570.5	58.5	0.500	0.00	0.00	672.4	
WGY -340	810	2407.8	58.5	0.500	0.00	0.00	546.7	
WGY -000	810	2623.9	58.7	0.500	0.00	0.00	716.3	
WGY -335	810	2353.8	58.8	0.500	0.00	0.48	508.0	
WGY -005	810	2676.9	58.9	0.500	0.00	0.00	761.2	
WGY -330	810	2299.9	59.1	0.500	0.00	0.74	471.5	
WGY -010	810	2728.6	59.2	0.500	0.00	0.00	804.8	
WGY -325	810	2246.9	59.5	0.500	0.00	1.00	437.3	
WGY -015	810	2779.8	59.6	0.500	0.00	0.00	848.5	
WGY -020	810	2829.4	60.1	0.500	0.00	0.00	890.2	
WGY -320	810	2195.5	60.1	0.500	0.00	1.26	406.3	
WGY -025	810	2878.5	60.6	0.500	0.00	0.00	931.1	
WGY -315	810	2144.9	60.8	0.500	0.00	1.52	376.3	
WGY -030	810	2925.1	61.2	0.500	0.00	0.00	967.5	
WGY -310	810	2096.8	61.7	0.500	0.00	1.77	349.6	
WGY -305	810	2051.7	62.7	0.500	0.00	2.01	326.0	
WGY -300	810	2008.6	63.9	0.500	0.00	2.25	303.6	
WGY -295	810	1970.7	65.2	0.500	0.00	2.47	285.2	
WGY -290	810	1935.8	66.7	0.500	0.00	2.67	267.9	
WGY -285	810	1907.5	68.3	0.500	0.02	2.83	254.3	
WGY -280	810	1884.5	70.1	0.500	0.12	2.97	242.6	
WGY -275	810	1868.3	72.0	0.500	0.19	3.07	233.5	
WGY -270	810	1858.6	74.0	0.500	0.24	3.13	226.1	
WGY -100	810	3331.9	74.2	0.500	0.00	0.00	996.0	
WGY -105	810	3334.5	75.4	0.500	0.00	0.00	964.8	
WGY -265	810	1857.6	76.0	0.500	0.24	3.14	221.8	
WGY -110	810	3331.4	76.6	0.500	0.00	0.00	930.8	
WGY -115	810	3324.5	77.8	0.500	0.00	0.00	895.8	
WGY -260	810	1863.8	78.0	0.500	0.21	3.10	219.2	
WGY -120	810	3311.8	79.0	0.500	0.00	0.00	859.1	
WGY -255	810	1879.1	80.0	0.500	0.14	3.01	219.2	
WGY -125	810	3293.2	80.2	0.500	0.00	0.00	821.5	
WGY -130	810	3269.8	81.4	0.500	0.00	0.00	783.8	
WGY -250	810	1902.5	82.0	0.500	0.04	2.86	221.3	
WGY -135	810	3241.5	82.6	0.500	0.00	0.00	746.4	
WGY -140	810	3207.6	83.8	0.500	0.00	0.00	709.2	
WGY -245	810	1932.9	83.9	0.500	0.00	2.68	224.7	
WGY -145	810	3168.2	84.9	0.500	0.00	0.00	672.6	
WGY -240	810	1972.3	85.5	0.500	0.00	2.46	231.2	
WGY -150	810	3124.3	86.0	0.500	0.00	0.00	636.8	
WGY -155	810	3075.3	87.1	0.500	0.00	0.00	602.1	
WGY -235	810	2017.9	87.1	0.500	0.00	2.20	238.9	
WGY -160	810	3021.0	88.1	0.500	0.00	0.00	568.2	
WGY -230	810	2071.0	88.4	0.500	0.00	1.91	249.4	
WGY -165	810	2963.0	89.0	0.500	0.00	0.00	535.7	
WGY -225	810	2128.8	89.6	0.500	0.00	1.60	260.8	
WGY -170	810	2901.0	89.8	0.500	0.00	0.00	504.5	
WGY -175	810	2835.5	90.5	0.500	0.00	0.00	474.6	
WGY -220	810	2192.2	90.5	0.500	0.00	1.27	274.9	

Call	Freq	km	azm	Req-Pro	θ-min	θ-max	Max	IDF
WGY -180	810	2767.1	91.1	0.500	0.00	0.00	446.4	
WGY -215	810	2259.3	91.3	0.500	0.00	0.94	290.4	
WGY -185	810	2696.2	91.6	0.500	0.00	0.00	419.3	
WGY -210	810	2329.5	91.8	0.500	0.00	0.60	307.7	
WGY -190	810	2623.5	92.0	0.500	0.00	0.00	393.7	
WGY -205	810	2401.8	92.1	0.500	0.00	0.00	326.8	
WGY -195	810	2549.6	92.2	0.500	0.00	0.00	369.6	
WGY -200	810	2475.5	92.2	0.500	0.00	0.00	347.7	

Crawford Broadcasting  
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Call	km	Azm	Limit	θ-min	θ-max	Max	IDF
WBAP-5	852.0	120.6	0.125	7.67	13.74	454.6	
WBAP-0	819.0	120.9	0.125	8.12	14.42	427.9	
WBAP-10	891.6	121.5	0.125	7.16	12.99	486.9	
WBAP-355	791.2	121.9	0.125	8.53	15.02	405.7	
WBAP-350	764.1	123.2	0.125	8.94	15.64	384.6	
WBAP-345	751.5	125.5	0.125	9.15	15.94	374.4	
WBAP-340	746.4	128.0	0.125	9.23	16.07	369.8	
WBAP-335	738.7	130.3	0.125	9.36	16.26	363.5	
WBAP-330	739.2	132.6	0.125	9.35	16.24	363.2	
WBAP-325	744.3	134.9	0.125	9.27	16.12	366.2	
WBAP-320	742.6	137.1	0.125	9.29	16.16	364.4	
WBAP-315	742.1	139.3	0.125	9.30	16.17	363.5	
WBAP-310	724.3	142.0	0.125	9.61	16.62	350.3	
WBAP-305	736.4	144.2	0.125	9.40	16.31	358.3	
WBAP-300	752.9	146.1	0.125	9.12	15.91	369.5	
WBAP-295	772.2	147.9	0.125	8.82	15.45	383.0	
WBAP-280	871.4	149.0	0.125	7.41	13.37	457.4	
WBAP-290	794.7	149.3	0.125	8.47	14.94	399.0	
WBAP-275	896.2	149.4	0.125	7.10	12.90	476.9	
WBAP-270	915.1	150.4	0.125	6.87	12.57	491.7	
WBAP-285	819.6	150.5	0.125	8.11	14.40	417.2	

Crawford Broadcasting  
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Call	Freq	km	azm	Req-Pro	θ-min	θ-max	Max IDF
CKJS -O	810	1257.2	26.5	6.427	5.83	5.83	772.5
WILTON-A	810	1160.5	40.5	2.414	4.45	9.01	463.4
WHB -L	810	891.0	90.5	2.030	7.17	13.00	208.2
WDDD -L	810	1408.2	93.9	2.768	2.66	6.45	623.8
WCKS -L	810	1828.3	105.3	2.843	0.38	3.32	978.9
KSJL -L	810	1310.1	151.3	3.570	3.32	7.38	611.7
KXOI -L	810	959.5	164.9	3.695	6.37	11.82	386.8
XENVA2-P	810	1088.9	195.6	5.776	7.52	7.52	517.6
XENVA2-P	810	1092.2	211.7	10.946	7.48	7.48	985.9
BROOKS-P	810	1301.3	337.7	5.287	5.44	5.44	688.6