Anderson Communications, LLC

1519 Euclid Avenue
Bowling Green, KY 42103

Phone 270-782-0246
Fax 270-793-9129

TECHNICAL REPORT

This technical report has been developed in support of an application for a minor modification of station WKMO, Hodgenville, KY, to channel 297A in accordance with MB Docket No. 06-77 changing the channel from 292A to 297A.

I. Site:

The existing WKMO site is utilized:

(NAD 27) N 37-40-21 W 85-44-34 (ASR#1043144).

II. Allocation Analysis:

A channel study is included as Exhibit E-1 demonstrating that WKMO will be fully spaced at the proposed site with the exception of station **WUHU on channel 296C2 to which 73.215 processing is elected**. A directional antenna is proposed to eliminate the overlap with station WUHU. An interference plots to WUHU is provided as E-1A and an FMOVER analysis as E1B. The DA is tabulated in E1C. . WKMO will provide a 70 dBu to the entire community of Hodgenville, KY (see E2).

The proposed HAAT is 128 meters, and the ERP has been reduced to3.8 kW to provide an equivalent full facility class A with a 60 dBu contour of 28.42 km.

IV. Blanketing:

The 115 dBu blanketing contour is calculated to be 0.77 km. The calculation was made in accordance with the Commission's formula:

$$115 \text{ dBu (km)} = 1.609 \, [0.245 \, (\text{P kw})^{1/2}].$$

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The applicant accepts the responsibility for correction of any objectionable interference or blanketing problems in accordance with Commission rules.

V. Antenna System and Environmental Considerations:

The three bay full wavelength spaced antenna will be mounted on the existing tower at a COR AGL of 77 meters. To the applicant's knowledge, no adverse impact will result to any applicable 1.1307 category. Consequently, no environmental statement is provided.

The RF contribution for the proposed facility at 2 meters AGL was determined to be 4.7 uwatts/cm2 at 37.8 meters utilizing the Commission's FMMODEL program. This is 2.35% of the maximum 200 microwatts/cm^2 permissible for public exposure, and less than the 5% requiring evaluation.

V. Conclusion:

It is concluded that the minor modification of WKMO is in full compliance with Commission rules and policies.

Charles M. Anderson
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January 13, 2007

E1 WKMO CHANNEL STUDY

REFERENCE
37 40 21.0 N.
85 44 34.0 W.

CLASS = A
Current Spacings
Channel 297 - 107.3 MHz

DISPLAY DATES
DATA 01-10-07
SEARCH 01-10-07

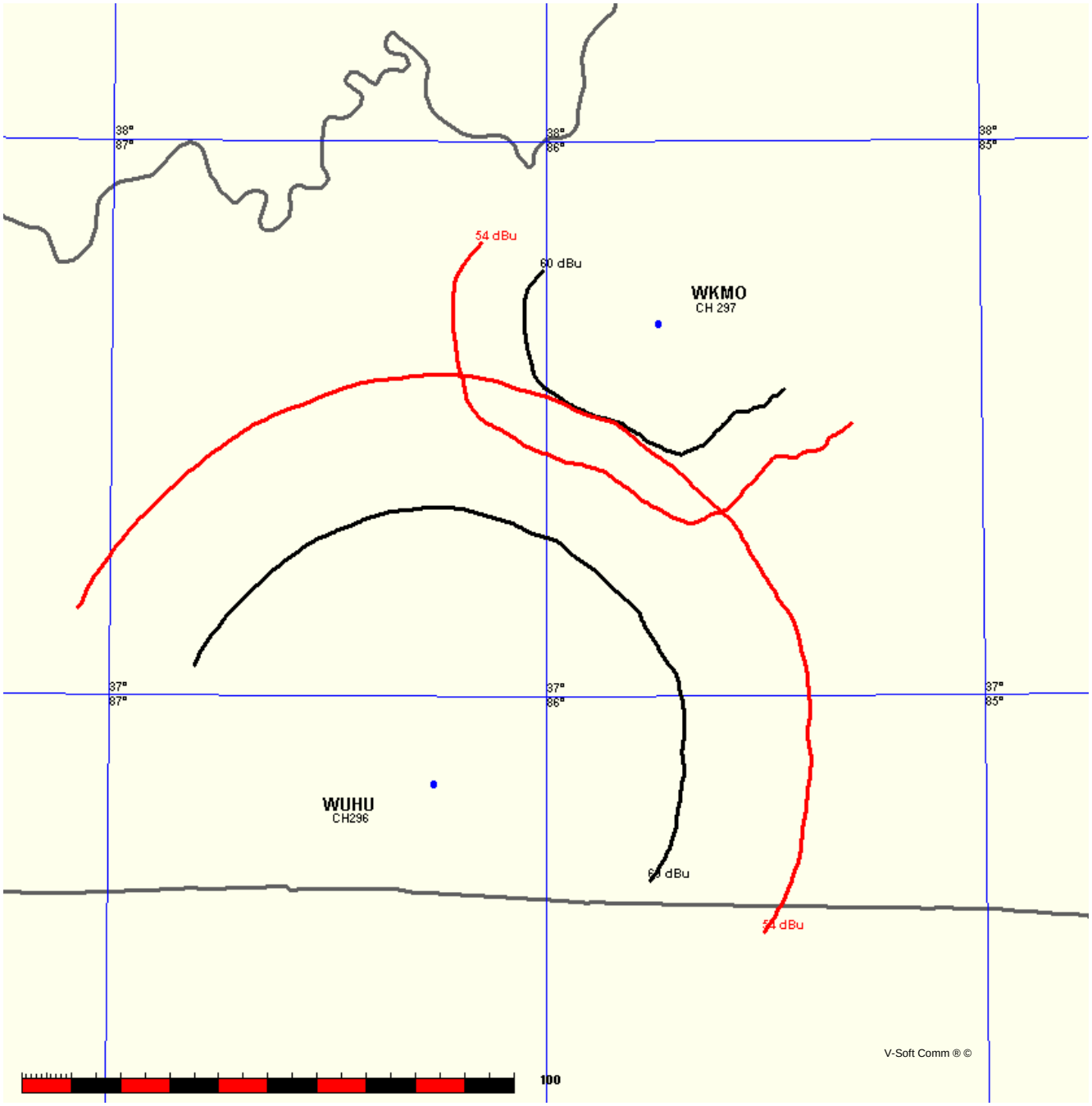
Call	Channel		Location		Azi	Dist	FCC	Margin
RADD	ADD	297A	Hodgenville	KY	85.7	5.33	115.0	-109.67
WTHX	LIC	297A	Lebanon Junction	KY	316.5	10.43	115.0	-104.57(1)
RDEL	DEL	297A	Lebanon Junction	KY	316.5	10.43	115.0	-104.57(1)
WUHU	LIC-N	296C2	Smiths Grove	KY	206.5	102.78	106.0	-3.22(2)
WCTT-FM	LIC	297C2	Corbin	KY	119.7	170.27	166.0	4.27
RADD	ADD	298A	Perryville	KY	93.1	77.27	72.0	5.27
WVEZ	LIC	295B	Louisville	KY	354.7	77.97	69.0	8.97
RDEL	DEL	295B	Louisville	KY	354.7	77.97	69.0	8.97
RADD	ADD	295B	St. Matthews	KY	354.7	77.97	69.0	8.97
WSFR	LIC	299B1	Corydon	IN	345.0	57.61	48.0	9.61
WLAI	LIC-N	296A	Danville	KY	89.6	85.96	72.0	13.96
RDEL	DEL	296A	Danville	KY	89.6	85.96	72.0	13.96
WLAI.C	CP	296A	Danville	KY	83.3	88.42	72.0	16.42
RADD	ADD	300A	Greensburg	KY	156.4	50.04	31.0	19.04
RDEL	DEL	294A	Horse Cave	KY	192.8	50.08	31.0	19.08
WHHT	LIC	294A	Horse Cave	KY	192.8	50.08	31.0	19.08
RADD	ADD	298C3	Midway	KY	64.8	115.05	89.0	26.05
WRZQ-FM	LIC-N	297B1	Greensburg	IN	359.9	172.48	143.0	29.48
RADD	ADD	298C3	Midway	KY	60.2	120.51	89.0	31.51
RADD	ADD	296A	Wilmore	KY	80.5	108.39	72.0	36.39
WGZB-FM	LIC	243A	Lanesville	IN	345.0	57.61	10.0	47.61
WRVW	LIC	298C1	Lebanon	TN	211.1	182.21	133.0	49.21
AL9800	RSV	243A	Lanesville	IN	338.4	64.79	10.0	54.79
WEJK	LIC-Z	296A	Boonville	IN	285.1	138.88	72.0	66.88
RDEL	DEL	300A	Burkesville	KY	161.7	103.04	31.0	72.04
WKYR-FM	LIC	300A	Burkesville	KY	161.7	103.04	31.0	72.04
WBTF.C	CP -Z	300A	Midway	KY	66.1	104.05	31.0	73.05
WBTF	LIC-N	300A	Midway	KY	58.7	112.93	31.0	81.93
RDEL	DEL	300A	Midway	KY	58.7	112.93	31.0	81.93
WIOK	LIC	298A	Falmouth	KY	49.5	158.04	72.0	86.04
RDEL	DEL	298A	Falmouth	KY	49.5	158.04	72.0	86.04

(1) WTHX ordered to 257A in MB Docket 06-77.
(2) 73.215 elected to WUHU on 296C2.

E1A WKMO - WUHU INTERFERENCE PLOT

FMCommander Single Allocation Study
01-13-2007

WKMO CH 297 A	WUHU CH 296 C2	BLH19950123KB
3.8 kW 348 M COR DA	50.0 kW, 338 M COR	
Prot. = 60 dBu	Prot. = 60 dBu	
Intef. = 54 dBu	Intef. = 54 dBu	Scale = 1:2,000,000



E1B WKMO-WUHU 30 Arc-Sec. Terrain Data FMOver Analysis

WKMO	**WUHU BLH19950123KB**
Channel = 297A	**Channel = 296C2**
Max ERP = 3.8 kW	**Max ERP = 50 kW**
RCAMSL = 348 M	**RCAMSL = 338 M**
N. Lat = 37 40 21.0	**N. Lat = 36 50 35.0**
W. Lng = 85 44 34.0	**W. Lng = 86 15 30.0**
Protected	**Interfering**
60 dBu	**54 dBu**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
146.0	003.8000	0088.7	024.1	039.1	050.0000	0161.4	093.3	49.92
147.0	003.8000	0089.7	024.3	039.1	050.0000	0161.4	092.9	50.05
148.0	003.8000	0090.6	024.4	039.1	050.0000	0161.4	092.4	50.18
149.0	003.8000	0091.2	024.4	039.1	050.0000	0161.4	092.0	50.30
150.0	003.8000	0091.5	024.5	039.0	050.0000	0161.4	091.6	50.42
151.0	003.8000	0091.8	024.5	038.9	050.0000	0161.4	091.2	50.54
152.0	003.8000	0092.6	024.6	038.9	050.0000	0161.4	090.7	50.67
153.0	003.8000	0094.1	024.8	038.9	050.0000	0161.4	090.3	50.81
154.0	003.8000	0095.9	025.0	038.9	050.0000	0161.4	089.8	50.95
155.0	003.8000	0097.7	025.3	038.9	050.0000	0161.4	089.3	51.10
156.0	003.8000	0099.5	025.5	038.9	050.0000	0161.4	088.8	51.25
157.0	003.8000	0101.3	025.7	038.9	050.0000	0161.4	088.3	51.39
158.0	003.8000	0102.7	025.9	038.9	050.0000	0161.4	087.8	51.53
159.0	003.8000	0103.5	026.0	038.8	050.0000	0161.4	087.4	51.67
160.0	003.8000	0103.8	026.0	038.7	050.0000	0161.4	087.0	51.79
161.0	003.7924	0104.0	026.0	038.5	050.0000	0161.4	086.6	51.91
162.0	003.7848	0104.2	026.0	038.4	050.0000	0161.7	086.2	52.04
163.0	003.7772	0104.5	026.0	038.2	050.0000	0161.7	085.8	52.15
164.0	003.7697	0105.0	026.1	038.1	050.0000	0161.7	085.4	52.27
165.0	003.7621	0105.6	026.1	037.9	050.0000	0161.7	085.0	52.40
166.0	003.7545	0106.4	026.2	037.8	050.0000	0161.7	084.6	52.52
167.0	003.7470	0107.3	026.3	037.6	050.0000	0161.7	084.2	52.65
168.0	003.7394	0108.4	026.4	037.5	050.0000	0161.7	083.8	52.78
169.0	003.7319	0109.6	026.5	037.3	050.0000	0161.7	083.3	52.91
170.0	003.7244	0110.7	026.6	037.2	050.0000	0161.7	082.9	53.04
171.0	003.5754	0111.6	026.5	036.9	050.0000	0161.7	082.7	53.11
172.0	003.4295	0112.1	026.3	036.6	050.0000	0161.7	082.5	53.17
173.0	003.2866	0112.6	026.1	036.2	050.0000	0161.3	082.3	53.21
174.0	003.1468	0113.3	025.9	035.9	050.0000	0161.3	082.1	53.26
175.0	003.0100	0113.8	025.7	035.6	050.0000	0161.3	082.0	53.31
176.0	002.8762	0114.0	025.5	035.3	050.0000	0161.0	081.9	53.32

177.0	002.7455	0114.2	025.2	034.9	050.0000	0161.0	081.8	53.35
178.0	002.6178	0114.5	025.0	034.6	050.0000	0161.0	081.7	53.38
179.0	002.4932	0114.9	024.8	034.2	050.0000	0161.0	081.6	53.40
180.0	002.3716	0115.6	024.5	033.9	050.0000	0161.0	081.6	53.42
181.0	002.2765	0116.3	024.4	033.6	050.0000	0161.0	081.5	53.45
182.0	002.1833	0117.0	024.2	033.3	050.0000	0161.4	081.4	53.50
183.0	002.0921	0117.7	024.1	033.0	050.0000	0161.4	081.3	53.52
184.0	002.0029	0118.7	023.9	032.6	050.0000	0161.4	081.2	53.54
185.0	001.9156	0119.6	023.7	032.3	050.0000	0162.2	081.2	53.59
186.0	001.8302	0119.9	023.5	032.0	050.0000	0162.2	081.2	53.59
187.0	001.7468	0119.9	023.3	031.7	050.0000	0162.2	081.2	53.57
188.0	001.6653	0119.9	023.0	031.3	050.0000	0163.5	081.3	53.61
189.0	001.5858	0120.1	022.8	031.0	050.0000	0163.5	081.4	53.59
190.0	001.5082	0120.5	022.5	030.7	050.0000	0163.5	081.4	53.57
191.0	001.4749	0120.8	022.4	030.4	050.0000	0165.4	081.4	53.66
192.0	001.4419	0120.9	022.3	030.1	050.0000	0165.4	081.4	53.67
193.0	001.4093	0120.9	022.2	029.8	050.0000	0165.4	081.4	53.67
194.0	001.3771	0120.9	022.1	029.6	050.0000	0165.4	081.4	53.67
195.0	001.3453	0120.8	022.0	029.3	050.0000	0167.4	081.4	53.75
196.0	001.3138	0120.7	021.8	029.0	050.0000	0167.4	081.4	53.74
197.0	001.2827	0120.7	021.7	028.7	050.0000	0167.4	081.5	53.73
198.0	001.2520	0120.7	021.6	028.4	050.0000	0169.0	081.5	53.78
199.0	001.2217	0120.9	021.5	028.2	050.0000	0169.0	081.6	53.76
200.0	001.1917	0121.0	021.4	027.9	050.0000	0169.0	081.6	53.75
201.0	001.1917	0121.2	021.4	027.6	050.0000	0169.0	081.6	53.77
202.0	001.1917	0121.6	021.4	027.4	050.0000	0169.4	081.5	53.81
203.0	001.1917	0122.2	021.5	027.1	050.0000	0169.4	081.4	53.83
204.0	001.1917	0122.9	021.5	026.9	050.0000	0169.4	081.3	53.86
205.0	001.1917	0123.5	021.6	026.6	050.0000	0169.4	081.3	53.88
206.0	001.1917	0124.2	021.6	026.3	050.0000	0168.6	081.2	53.86
207.0	001.1917	0125.0	021.7	026.1	050.0000	0168.6	081.1	53.88
208.0	001.1917	0125.9	021.7	025.8	050.0000	0168.6	081.1	53.90
209.0	001.1917	0126.8	021.8	025.5	050.0000	0168.6	081.0	53.91
210.0	001.1917	0127.7	021.9	025.3	050.0000	0166.9	081.0	53.85
211.0	001.2174	0128.5	022.0	025.0	050.0000	0166.9	080.9	53.89
212.0	001.2433	0129.3	022.2	024.7	050.0000	0166.9	080.7	53.93
213.0	001.2695	0130.0	022.4	024.4	050.0000	0165.2	080.6	53.89
214.0	001.2960	0130.3	022.5	024.1	050.0000	0165.2	080.6	53.92
215.0	001.3228	0130.3	022.6	023.8	050.0000	0165.2	080.5	53.93
216.0	001.3498	0130.1	022.7	023.6	050.0000	0165.2	080.5	53.93
217.0	001.3771	0130.0	022.8	023.3	050.0000	0164.2	080.5	53.89
218.0	001.4047	0129.7	022.9	023.0	050.0000	0164.2	080.5	53.88
219.0	001.4326	0129.3	022.9	022.7	050.0000	0164.2	080.6	53.87
220.0	001.4607	0128.5	023.0	022.4	050.0000	0163.9	080.6	53.83
221.0	001.5323	0127.5	023.2	022.1	050.0000	0163.9	080.6	53.85
222.0	001.6055	0126.4	023.3	021.8	050.0000	0163.9	080.6	53.85
223.0	001.6805	0125.3	023.5	021.5	050.0000	0164.3	080.6	53.87

224.0	001.7571	0124.1	023.6	021.2	050.0000	0164.3	080.6	53.87
225.0	001.8355	0122.9	023.8	020.9	050.0000	0164.3	080.6	53.86
226.0	001.9156	0121.8	023.9	020.6	050.0000	0164.3	080.7	53.84
227.0	001.9974	0120.8	024.1	020.3	050.0000	0165.4	080.7	53.87
228.0	002.0809	0119.7	024.2	020.0	050.0000	0165.4	080.8	53.85
229.0	002.1661	0118.3	024.3	019.7	050.0000	0165.4	080.9	53.81
230.0	002.2530	0116.7	024.4	019.4	050.0000	0166.5	081.1	53.82
231.0	002.3656	0115.1	024.5	019.1	050.0000	0166.5	081.2	53.78
232.0	002.4809	0113.6	024.6	018.8	050.0000	0166.5	081.3	53.74
233.0	002.5989	0112.3	024.7	018.5	050.0000	0167.4	081.4	53.74
234.0	002.7197	0111.3	024.9	018.2	050.0000	0167.4	081.5	53.70
235.0	002.8433	0110.5	025.1	017.8	050.0000	0167.4	081.7	53.66
236.0	002.9695	0109.8	025.2	017.5	050.0000	0167.4	081.8	53.62
237.0	003.0986	0109.5	025.4	017.2	050.0000	0167.8	081.9	53.60
238.0	003.2303	0109.6	025.7	016.9	050.0000	0167.8	082.0	53.57
239.0	003.3648	0110.1	026.0	016.5	050.0000	0168.2	082.1	53.56
240.0	003.5021	0111.1	026.3	016.1	050.0000	0168.2	082.2	53.54
241.0	003.5313	0112.1	026.5	015.8	050.0000	0168.2	082.4	53.47
242.0	003.5607	0113.1	026.6	015.5	050.0000	0168.5	082.6	53.42
243.0	003.5902	0114.1	026.8	015.2	050.0000	0168.5	082.8	53.34
244.0	003.6198	0115.0	026.9	014.9	050.0000	0168.5	083.1	53.26
245.0	003.6495	0116.0	027.1	014.6	050.0000	0168.5	083.4	53.18
246.0	003.6794	0116.6	027.2	014.4	050.0000	0168.6	083.7	53.10
247.0	003.7093	0116.9	027.3	014.1	050.0000	0168.6	084.0	53.00
248.0	003.7394	0116.7	027.3	013.9	050.0000	0168.6	084.4	52.88
249.0	003.7697	0116.2	027.3	013.7	050.0000	0168.6	084.7	52.76
250.0	003.8000	0115.4	027.3	013.6	050.0000	0168.6	085.2	52.64
251.0	003.8000	0114.4	027.2	013.4	050.0000	0168.7	085.6	52.50
252.0	003.8000	0113.5	027.1	013.3	050.0000	0168.7	086.1	52.37
253.0	003.8000	0112.7	027.0	013.2	050.0000	0168.7	086.5	52.23
254.0	003.8000	0112.3	026.9	013.1	050.0000	0168.7	086.9	52.10
255.0	003.8000	0112.5	027.0	012.9	050.0000	0168.7	087.3	51.98
256.0	003.8000	0113.0	027.0	012.8	050.0000	0168.7	087.7	51.86
257.0	003.8000	0113.4	027.0	012.6	050.0000	0168.7	088.1	51.74
258.0	003.8000	0113.7	027.1	012.5	050.0000	0169.0	088.5	51.62
259.0	003.8000	0113.9	027.1	012.3	050.0000	0169.0	089.0	51.49
260.0	003.8000	0113.8	027.1	012.2	050.0000	0169.0	089.4	51.36
261.0	003.8000	0113.8	027.1	012.1	050.0000	0169.0	089.8	51.23
262.0	003.8000	0113.7	027.1	012.0	050.0000	0169.0	090.3	51.10
263.0	003.8000	0113.6	027.1	011.9	050.0000	0169.0	090.7	50.97
264.0	003.8000	0113.6	027.1	011.8	050.0000	0169.0	091.2	50.83
265.0	003.8000	0113.8	027.1	011.7	050.0000	0169.0	091.6	50.70
266.0	003.8000	0114.4	027.1	011.6	050.0000	0169.0	092.1	50.57

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01-13-2007 FMOVER 30 Arc-Sec. Sec. Terrain Data

WUHU	BLH19950123KB	WKMO
Channel = 296C2		Channel = 297A
Max ERP = 50 kW		Max ERP = 3.8 kW
RCAMSL = 338 M		RCAMSL = 348 M
N. Lat = 36 50 35.0		N. Lat = 37 40 21.0
W. Lng = 86 15 30.0		W. Lng = 85 44 34.0
Protected		Interfering
60 dBu		54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
326.0	050.0000	0163.3	053.9	238.1	003.2409	0109.6	089.3	37.04
327.0	050.0000	0163.6	053.9	238.1	003.2492	0109.6	088.4	37.29
328.0	050.0000	0163.8	053.9	238.2	003.2513	0109.6	087.5	37.56
329.0	050.0000	0164.2	054.0	238.2	003.2538	0109.6	086.5	37.82
330.0	050.0000	0164.9	054.0	238.2	003.2591	0109.6	085.6	38.10
331.0	050.0000	0165.9	054.2	238.3	003.2649	0109.6	084.6	38.37
332.0	050.0000	0166.7	054.2	238.3	003.2682	0109.6	083.7	38.65
333.0	050.0000	0167.3	054.3	238.3	003.2667	0109.6	082.7	38.91
334.0	050.0000	0167.4	054.3	238.2	003.2595	0109.6	081.8	39.17
335.0	050.0000	0167.3	054.3	238.1	003.2475	0109.6	080.8	39.42
336.0	050.0000	0167.2	054.3	238.0	003.2338	0109.6	079.9	39.67
337.0	050.0000	0167.2	054.3	237.9	003.2196	0109.6	079.0	39.92
338.0	050.0000	0167.1	054.3	237.8	003.2033	0109.6	078.0	40.17
339.0	050.0000	0167.1	054.3	237.7	003.1847	0109.6	077.1	40.41
340.0	050.0000	0167.0	054.3	237.5	003.1635	0109.5	076.2	40.64
341.0	050.0000	0167.0	054.3	237.3	003.1419	0109.5	075.2	40.88
342.0	050.0000	0167.7	054.4	237.2	003.1249	0109.5	074.3	41.13
343.0	050.0000	0168.7	054.5	237.1	003.1099	0109.5	073.4	41.39
344.0	050.0000	0169.8	054.6	237.0	003.0932	0109.5	072.4	41.65
345.0	050.0000	0170.7	054.7	236.8	003.0720	0109.5	071.5	41.90
346.0	050.0000	0171.6	054.8	236.6	003.0491	0109.5	070.5	42.15
347.0	050.0000	0172.4	054.9	236.4	003.0222	0109.8	069.6	42.41
348.0	050.0000	0173.0	054.9	236.2	002.9906	0109.8	068.7	42.64
349.0	050.0000	0173.5	055.0	235.9	002.9561	0109.8	067.8	42.87
350.0	050.0000	0174.0	055.0	235.6	002.9180	0109.8	066.9	43.09
351.0	050.0000	0174.4	055.1	235.3	002.8777	0110.5	066.0	43.34
352.0	050.0000	0174.6	055.1	234.9	002.8315	0110.5	065.1	43.54
353.0	050.0000	0174.2	055.0	234.5	002.7780	0111.3	064.3	43.77
354.0	050.0000	0174.0	055.0	234.0	002.7240	0111.3	063.5	43.95
355.0	050.0000	0174.0	055.0	233.6	002.6693	0111.3	062.7	44.13
356.0	050.0000	0174.6	055.1	233.2	002.6176	0112.3	061.8	44.40
357.0	050.0000	0175.4	055.2	232.7	002.5656	0112.3	061.0	44.60

358.0	050.0000	0176.1	055.2	|	232.2	002.5092	0113.6	060.1	44.87
359.0	050.0000	0176.8	055.3	|	231.7	002.4503	0113.6	059.3	45.07
000.0	050.0000	0177.4	055.4	|	231.2	002.3887	0115.1	058.5	45.34
001.0	050.0000	0177.4	055.4	|	230.6	002.3194	0115.1	057.8	45.49
002.0	050.0000	0177.5	055.4	|	230.0	002.2490	0116.7	057.0	45.72
003.0	050.0000	0177.4	055.4	|	229.3	002.1906	0118.3	056.3	45.97
004.0	050.0000	0177.3	055.4	|	228.6	002.1301	0118.3	055.7	46.11
005.0	050.0000	0176.9	055.3	|	227.8	002.0658	0119.7	055.0	46.30
006.0	050.0000	0176.2	055.2	|	227.0	001.9991	0120.8	054.4	46.45
007.0	050.0000	0175.5	055.2	|	226.2	001.9313	0121.8	053.9	46.57
008.0	050.0000	0174.9	055.1	|	225.3	001.8623	0122.9	053.3	46.69
009.0	050.0000	0173.6	055.0	|	224.4	001.7898	0124.1	052.8	46.76
010.0	050.0000	0171.7	054.8	|	223.4	001.7138	0125.3	052.5	46.79
011.0	050.0000	0169.9	054.6	|	222.4	001.6384	0126.4	052.1	46.79
012.0	050.0000	0169.0	054.5	|	221.5	001.5670	0127.5	051.7	46.81
013.0	050.0000	0168.7	054.5	|	220.5	001.4986	0127.5	051.3	46.78
014.0	050.0000	0168.6	054.5	|	219.6	001.4486	0128.5	050.9	46.85
015.0	050.0000	0168.5	054.4	|	218.6	001.4210	0129.3	050.5	46.95
016.0	050.0000	0168.2	054.4	|	217.6	001.3928	0129.7	050.2	47.02
017.0	050.0000	0167.8	054.4	|	216.5	001.3644	0130.0	049.9	47.06
018.0	050.0000	0167.4	054.3	|	215.5	001.3357	0130.3	049.6	47.08
019.0	050.0000	0166.5	054.2	|	214.4	001.3066	0130.3	049.4	47.06
020.0	050.0000	0165.4	054.1	|	213.3	001.2774	0130.0	049.3	46.99
021.0	050.0000	0164.3	054.0	|	212.2	001.2484	0129.3	049.2	46.89
022.0	050.0000	0163.9	053.9	|	211.1	001.2201	0128.5	049.1	46.79
023.0	050.0000	0164.2	054.0	|	210.0	001.1923	0127.7	049.0	46.71
024.0	050.0000	0165.2	054.1	|	208.9	001.1917	0126.8	048.8	46.74
025.0	050.0000	0166.9	054.3	|	207.8	001.1917	0125.9	048.5	46.79
026.0	050.0000	0168.6	054.5	|	206.7	001.1917	0125.0	048.3	46.82
027.0	050.0000	0169.4	054.5	|	205.6	001.1917	0124.2	048.2	46.82
028.0	050.0000	0169.0	054.5	|	204.5	001.1917	0122.9	048.3	46.71
029.0	050.0000	0167.4	054.3	|	203.4	001.1917	0122.2	048.5	46.58
030.0	050.0000	0165.4	054.1	|	202.3	001.1917	0121.6	048.9	46.41
031.0	050.0000	0163.5	053.9	|	201.3	001.1917	0121.2	049.2	46.26
032.0	050.0000	0162.2	053.7	|	200.2	001.1917	0121.0	049.6	46.12
033.0	050.0000	0161.4	053.6	|	199.2	001.2159	0120.9	049.8	46.08
034.0	050.0000	0161.0	053.6	|	198.2	001.2468	0120.7	050.1	46.07
035.0	050.0000	0161.0	053.6	|	197.2	001.2780	0120.7	050.4	46.07
036.0	050.0000	0161.3	053.6	|	196.1	001.3096	0120.7	050.7	46.07
037.0	050.0000	0161.7	053.7	|	195.1	001.3411	0120.8	051.0	46.07
038.0	050.0000	0161.7	053.7	|	194.2	001.3718	0120.9	051.3	46.03
039.0	050.0000	0161.4	053.6	|	193.2	001.4015	0120.9	051.7	45.96
040.0	050.0000	0160.9	053.6	|	192.4	001.4303	0120.9	052.2	45.86
041.0	050.0000	0160.2	053.5	|	191.5	001.4581	0120.9	052.8	45.74
042.0	050.0000	0159.4	053.4	|	190.7	001.4851	0120.8	053.3	45.60
043.0	050.0000	0158.7	053.3	|	189.9	001.5159	0120.5	053.9	45.45
044.0	050.0000	0158.7	053.3	|	189.1	001.5789	0120.1	054.4	45.40

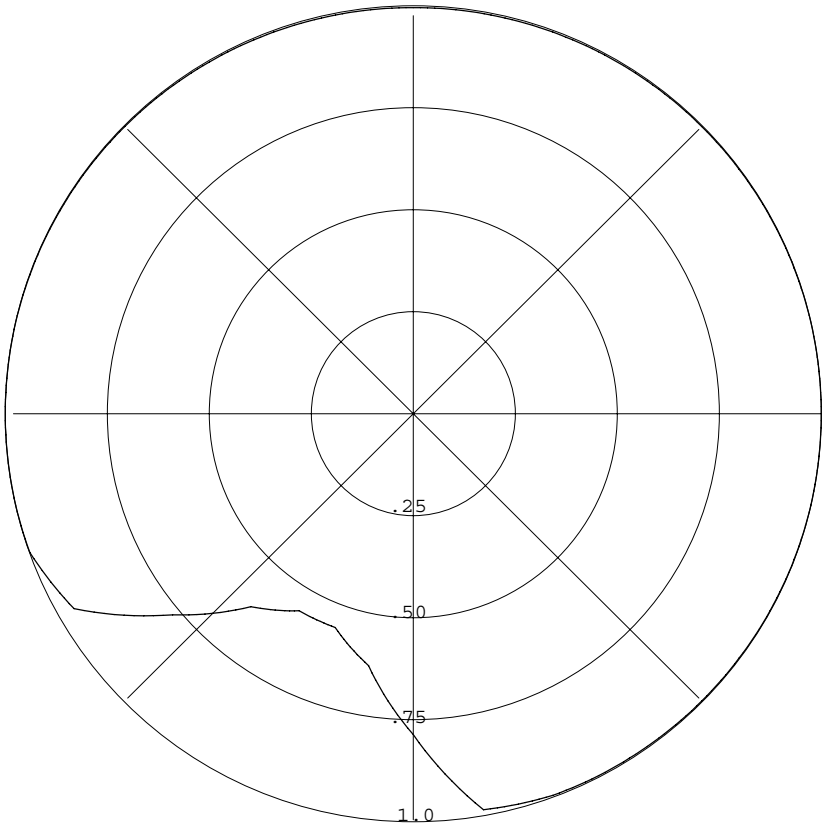
045.0	050.0000	0159.6	053.4	188.2	001.6467	0119.9	054.8	45.40
046.0	050.0000	0161.1	053.6	187.4	001.7177	0119.9	055.3	45.41
047.0	050.0000	0162.4	053.7	186.5	001.7876	0119.9	055.8	45.40
048.0	050.0000	0163.3	053.9	185.7	001.8539	0119.9	056.3	45.35
049.0	050.0000	0163.7	053.9	185.0	001.9159	0119.6	056.9	45.24
050.0	050.0000	0163.4	053.9	184.3	001.9722	0118.7	057.6	45.06
051.0	050.0000	0162.3	053.7	183.8	002.0199	0118.7	058.4	44.88
052.0	050.0000	0160.5	053.5	183.4	002.0601	0117.7	059.2	44.60
053.0	050.0000	0158.7	053.3	182.9	002.0985	0117.7	060.1	44.37
054.0	050.0000	0157.5	053.2	182.5	002.1389	0117.0	060.9	44.12
055.0	050.0000	0156.8	053.1	182.0	002.1815	0117.0	061.6	43.93
056.0	050.0000	0156.4	053.0	181.6	002.2241	0117.0	062.4	43.74
057.0	050.0000	0156.1	053.0	181.1	002.2662	0116.3	063.2	43.52
058.0	050.0000	0155.9	053.0	180.7	002.3081	0116.3	064.0	43.35
059.0	050.0000	0156.0	053.0	180.2	002.3497	0115.6	064.8	43.13
060.0	050.0000	0156.2	053.0	179.8	002.3960	0115.6	065.6	42.97
061.0	050.0000	0156.5	053.0	179.4	002.4463	0114.9	066.3	42.77
062.0	050.0000	0157.0	053.1	179.0	002.4975	0114.9	067.1	42.61
063.0	050.0000	0158.1	053.2	178.5	002.5536	0114.9	067.9	42.47
064.0	050.0000	0159.9	053.4	178.0	002.6147	0114.5	068.7	42.32
065.0	050.0000	0161.6	053.7	177.6	002.6742	0114.5	069.4	42.18
066.0	050.0000	0162.5	053.8	177.2	002.7201	0114.2	070.3	41.98
067.0	050.0000	0161.8	053.7	177.0	002.7471	0114.2	071.2	41.75
068.0	050.0000	0160.5	053.5	176.9	002.7638	0114.2	072.1	41.50
069.0	050.0000	0159.0	053.3	176.8	002.7761	0114.2	073.1	41.24
070.0	050.0000	0157.9	053.2	176.7	002.7903	0114.2	074.0	40.98
071.0	050.0000	0157.2	053.1	176.5	002.8080	0114.2	074.9	40.74
072.0	050.0000	0156.5	053.0	176.4	002.8224	0114.0	075.8	40.48
073.0	050.0000	0155.6	052.9	176.3	002.8331	0114.0	076.7	40.23
074.0	050.0000	0154.6	052.8	176.3	002.8411	0114.0	077.7	39.97
075.0	050.0000	0153.2	052.6	176.3	002.8419	0114.0	078.6	39.70
076.0	050.0000	0151.7	052.4	176.3	002.8397	0114.0	079.5	39.43
077.0	050.0000	0150.3	052.2	176.3	002.8368	0114.0	080.5	39.15
078.0	050.0000	0148.8	052.0	176.3	002.8321	0114.0	081.4	38.88
079.0	050.0000	0147.5	051.9	176.4	002.8265	0114.0	082.3	38.61
080.0	050.0000	0145.2	051.5	176.5	002.8083	0114.2	083.3	38.32
081.0	050.0000	0142.5	051.2	176.7	002.7834	0114.2	084.2	38.02
082.0	050.0000	0140.4	050.9	176.8	002.7657	0114.2	085.1	37.73
083.0	050.0000	0139.4	050.8	176.9	002.7594	0114.2	086.0	37.46
084.0	050.0000	0139.6	050.8	176.8	002.7661	0114.2	086.9	37.23
085.0	050.0000	0140.1	050.8	176.8	002.7743	0114.2	087.8	36.99
086.0	050.0000	0140.6	050.9	176.7	002.7815	0114.2	088.6	36.75

E1C WKMO PATTERN

01-13-2007 RMS(V)= .95

Bearing	Field % Voltage
000	= 1
010	= 1
020	= 1
030	= 1
040	= 1
050	= 1
060	= 1
070	= 1
080	= 1
090	= 1
100	= 1
110	= 1
120	= 1
130	= 1
140	= 1
150	= 1
160	= 1
170	= .99
180	= .79
190	= .63
200	= .56
210	= .56
220	= .62
230	= .77
240	= .96
250	= 1
260	= 1
270	= 1
280	= 1
290	= 1
300	= 1
310	= 1
320	= 1
330	= 1
340	= 1
350	= 1

Graph is Percent Relative Field Voltage



ASR Registration Search

Registration 1043144

Reference Copy Map Registration

Registration Detail

Reg Number	1043144	Status	Constructed
File Number	A0050818	Constructed	01/01/1988
FAA Study	78-ASO-1905-OE	EMI	No
FAA Issue Date	09/28/1978	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long	37-40-21.0 N 085-44-34.0 W	9.6 KM N OF HODGENVILLE ON HODGENVILLE SHEPHERDSVILLE RD
City, State	HODGENVILLE , KY	
Center of AM Array		

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
271.0	80.0
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
351.0	79.0

Painting and Lighting Specifications

FCC Paragraphs 1, 3, 11, 21

Owner & Contact Information

FRN Licensee ID

Owner

BASIX COMMUNICATIONS LLC DBA = WKMO
Attention To: ROSS BECKER
406 S MULBERRY
ELIZABETHTOWN , KY 42701

P: (502)763-0800
E:

Contact

P:
E:

Last Action Status

Status	Constructed	Received	03/24/1998
Purpose	New	Entered	03/25/1998
Mode	Mail In (Manual)		

Related Applications

03/24/1998 A0050818 - New (NE)

Comments