

***COMPREHENSIVE TECHNICAL EXHIBIT  
APPLICATION FOR CONSTRUCTION PERMIT***

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**AM BROADCAST STATION  
KBOA - KENNETT, MISSOURI  
1540 kHz ND-3**

**POLLACK BROADCASTING CO.**

**JUNE, 2016**

## **APPLICATION FOR CONSTRUCTION PERMIT**

The following engineering statement and attached exhibits have been prepared for **Pollack Broadcasting Co.** ("Pollack"), licensee of AM broadcast station KBOA at Kennett, Missouri, and are in support of their application for construction permit.<sup>1</sup> This application seeks to relocate the facility from its current site, to the site of the KBOA studio at Kennett, Missouri.

KBOA is currently authorized to operate on 1540 kHz as a class D facility. The present license authorizes non-directional operation with power levels of 1.0 kW during daytime, 0.5 kW during critical hours, and 1 Watt during nighttime hours. The relocated facilities proposed under this application would continue operation with a non-directional antenna. At the proposed new site, the proposed antenna input power levels are 1.0 kW daytime, 0.53 kW critical hours, and 0.003 kW nighttime.

The proposed facility, including its relocation, results in a reduction of contour overlap with other facilities during both daytime and critical hours. During nighttime, no interference in contravention of the applicable sections of the Commission's Rules would occur.

The proposed facility would utilize a new tower to be constructed at the KBOA studios. Previously the KBOA studio location was the site for another AM station that relocated. The proposed structure will have an overall height of 111 feet above ground, including the base pier and insulator, which will not require registration or FAA notification based on calculations performed through the Commission's *TOWAIR* utility.

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<sup>1</sup> The Facility ID for KBOA at Kennett, Missouri is 33674.

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Item 7 on the engineering portion (Section III-A) of FCC Form 301 lists a number of specific rule sections. The proposed facility would be in compliance with the following applicable sections of the Commission's Rules:

Section 73.24(e) - The technical equipment proposed, transmitter location, and other technical phases of operation will comply with the regulations governing the same, and the requirements of good engineering practice.

Section 73.24(g) - The resident population within the proposed 1 V/m service contour for each of the three hours of operation is zero persons. Since the resident population of each contour is less than 300 persons, this particular section is not applicable.

Section 73.33 - This application specifies a definite site for use by the facility. As was previously discussed, the proposed facility would utilize a non-directional antenna. All data necessary to show compliance with the terms of the construction permit will be submitted with the license application. Since the proposed facility would utilize a non-directional antenna, a proof of performance will not be required.

Section 73.45 - The proposed facility would comply with this section of the Commission's Rules. The proposed antenna system complies with the efficiency requirements for the class of station. The proposed facility will comply with the other portions of this section as applicable.

Section 73.150 - This section of the Commission's Rules is not applicable as the proposed facility would utilize a non-directional antenna.

Section 73.152 - This section of the Commission's Rules is not applicable as the proposed facility would utilize a non-directional antenna.

Section 73.160 - The proposed facility complies with this section of the Commission's Rules. The vertical plane radiation characteristics of the directional antenna were calculated according to the content of this section.

Section 73.182(a)-(i) - The proposed facility would comply with these sections of the Commission's Rules.

Section 73.186 - The proposed facility would utilize a non-directional antenna. Therefore, it is not expected that the actual inverse field value will need to be established. Should establishment of the field be required, the procedure will comply with that section of the Commission's Rules.

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Section 73.189 - The proposed facility meets the minimum efficiency requirements for the class of operation.

Section 73.1650 - The proposed facility would comply with the applicable international agreements listed under this section.

The proposed facility complies with the community coverage requirements of Section 73.24(i) of the Commission's Rules. Exhibit E-1 illustrates the predicted 5 mV/m groundwave contour based on M-3 conductivity for both the daytime and critical hours modes of operation. This map demonstrates that the 5 mV/m contour would fully encompass Kennett during both daytime and critical hours modes. Since KBOA would continue to operate as a class D facility, no community coverage requirement during nighttime hours exists.

Exhibits E-2 through E-5 are maps depicting the remainder of the service contours for the proposed and licensed facility. Specifically included in these maps are depictions of the 5, 2 and 0.5 mV/m contours daytime, 5 and 0.5 mV/m contours critical hours, and the nighttime interference-free contours.<sup>2</sup> Both the currently licensed and proposed versions of the contours are depicted.

The main studio for KBOA complies with the provisions of Section 73.1125 of the Commission's Rules. The main studio is co-located with the transmitter. As a result, the main studio would necessarily be located within the 5 mV/m daytime service contour. Additionally, the main studio is located within twenty-five miles of the reference coordinates of Kennett, Missouri.

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<sup>2</sup> Licensed nighttime interference-free value is 6.63 mV/m, while the proposed nighttime interference-free value is 6.69 mV/m.

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Exhibit E-6 is a site location map for the proposed facility. The proposed location for KBOA is denoted by a red triangle. This location is within the north central 2.5-minute portion of the Kennett South 7.5 minute topographic map.

Exhibit E-7 illustrates the proposed 1000 mV/m service contours for the daytime, critical hours, and nighttime operations. On this image, blue represents the daytime operation, while green is for critical hours. The red contour depicts the nighttime 1000 mV/m contour.

Exhibits E-8 and E-9 provide an overview of the daytime allocation situation for the proposed facility pursuant to the provisions of Section 73.37 of the Commission's Rules. In Exhibit E-8, a map illustrating the overlap situation is provided, with the relevant tabulation appearing in Exhibit E-9. As these two exhibits demonstrate, the proposed facility would have normally prohibited contour overlap with KAPE at Cape Girardeau, Missouri.<sup>3</sup> This contour overlap, however, currently exists between the two facilities, and the area of the overlap would be reduced by the proposed relocation of KBOA. Exhibit E-10 illustrates the area in which reduction of contour overlap would occur.

A similar group of exhibits has been created for the critical hours operation of KBOA. Exhibits E-11 and E-12 provide the overview map and summary tabulation. The critical hours authorizations for relevant stations in the region were created using critical hours authorizations if available. Exhibit E-13 demonstrates that, as was the case with the daytime hours of operation,

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<sup>3</sup> The Facility ID for KAPE at Cape Girardeau, Missouri is 70594.

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the proposed critical hours facility would reduce the existing overlap area with KAPE at Cape Girardeau, Missouri.

In Exhibits E-14 and E-15, the contour distances for the daytime and critical hours allocation studies are tabulated. These tabulations also include the M-3 values of ground conductivity for the basis of the depicted contours. The ground conductivity values are tabulated in Exhibit E-16.

KOBA operates on 1540 kHz, which is a clear channel frequency shared by KXEL in Waterloo, Iowa, and ZNS-1 in the Bahamas.<sup>4</sup> Due to the low power of operation, and distance separation, there is no calculated impact to ZNS-1 from the proposed KBOA facility. The nighttime situation to KXEL is illustrated in Exhibit E-17. The full tabular nighttime interference study to all other facilities is contained in Exhibit E-18.

Exhibit E-19 provides a critical hours allocation study for the proposed KBOA facility. This study pertains only to KXEL, as that is the only facility that requires consideration. This study demonstrates that the proposed facility complies with the relevant sections of the Commission's Rules, and is not predicted to cause interference to KXEL during critical hours.

The final graphical illustration for the facility is a site plat depiction in Exhibit E-20. This drawing illustrates the location of the tower and ground system, as well as other relevant structures at the site. Access to the site is obtained through one of the two access roads, that intersect Southwest Drive, or State Route O, on the east side of the site.

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<sup>4</sup> The Facility ID for KXEL at Waterloo, Iowa is 35950.

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The proposed facility would not result in a significant environmental impact, and is exempt from environmental processing. The proposed structure does not require registration. Additionally, the structure would not involve a site location specified in Section 1.307(a)(1)-(7) of the Commission's Rules, and would not constitute an RF exposure hazard to persons in the vicinity. This site was formerly utilized as the site for an AM station that was relocated.

A fence is to be erected around the base of the tower. This fence is of a construction that will preclude and prevent causal exposure to the structure. At its closest point to the tower, the fence will have a radius of at least three (3) meters. This is of sufficient distance to comply with the distance recommendations in Appendix A of *OET Bulletin 65*. Additionally, Pollack will coordinate with all other users of the site to ensure that workers and other personnel are not exposed to levels of radiofrequency radiation in excess of the applicable safety standards. Such coordination will include, but is not necessarily limited to, a reduction in transmitter power or cessation of operation.

The proposed relocation of KBOA would be in compliance with the multiple ownership provisions of Section 73.3555 of the Commission's Rules. Exhibit E-21 provides an illustration of the multiple ownership situation. KBOA is a constituent station in two of the contour markets created by the Pollack stations. These two markets are indicated on this map.

Exhibit E-22 provides an analysis of the first market. This market is created by the common overlap between Pollack stations of KBOA-FM, KTMO, and the proposed facilities for KBOA. This market is created by the overlap between two FM stations and one AM station. It is therefore necessary and sufficient to demonstrate that Pollack would not control greater than fifty percent of

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the stations serving the market. This map demonstrates that at least four other stations have contour overlap with the market subject to the procedures of the contour market methodology. The following table summarizes the facilities considered.<sup>5</sup>

<b>Callsign</b>	<b>Service</b>	<b>Facility ID</b>	<b>Community of License</b>	<b>Contour Color</b>
<i>KBOA-FM</i>	<i>FM</i>	<i>33673</i>	<i>Piggott, AR</i>	<i>Blue</i>
<i>KTMO</i>	<i>FM</i>	<i>48549</i>	<i>New Madrid, MO</i>	<i>Green</i>
<i>KBOA</i>	<i>AM</i>	<i>76532</i>	<i>Kennett, MO</i>	<i>Red</i>
<i>KLCN</i>	<i>AM</i>	<i>63606</i>	<i>Blytheville, AR</i>	<i>Black</i>
<i>KFEB</i>	<i>FM</i>	<i>76532</i>	<i>Campbell, MO</i>	<i>Magenta</i>
<i>KHLS</i>	<i>FM</i>	<i>63607</i>	<i>Blytheville, AR</i>	<i>Orange</i>
<i>KXOQ</i>	<i>FM</i>	<i>18044</i>	<i>Kennett, MO</i>	<i>Aqua</i>

Exhibit E-23 provides an analysis of the second market. This market is created by the common overlap between KTMO, KCRV, and the proposed KBOA facilities. This market comprised of two AM stations, and one FM station. As was the case with the first market, it is necessary and sufficient to demonstrate that Pollack would not control greater than fifty percent of the stations in the market. This map demonstrates that at least four other facilities have been identified that have contour overlap with the market. The following table summarizes the facilities considered.<sup>6</sup>

<b>Callsign</b>	<b>Service</b>	<b>Facility ID</b>	<b>Community of License</b>	<b>Contour Color</b>
<i>KTMO</i>	<i>FM</i>	<i>48549</i>	<i>New Madrid, MO</i>	<i>Blue</i>
<i>KBOA</i>	<i>AM</i>	<i>76532</i>	<i>Kennett, MO</i>	<i>Green</i>
<i>KCRV</i>	<i>AM</i>	<i>53976</i>	<i>Caruthersville, MO</i>	<i>Red</i>
<i>KFEB</i>	<i>FM</i>	<i>76532</i>	<i>Campbell, MO</i>	<i>Magenta</i>
<i>KHLS</i>	<i>FM</i>	<i>63607</i>	<i>Blytheville, AR</i>	<i>Black</i>
<i>WKZV</i>	<i>FM</i>	<i>41886</i>	<i>Dyersburg, TN</i>	<i>Orange</i>
<i>KLCN</i>	<i>AM</i>	<i>63606</i>	<i>Blytheville, AR</i>	<i>Aqua</i>

<sup>5</sup> Italicized facilities are those licensed to Pollack.

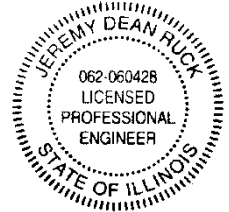
<sup>6</sup> Italicized facilities are those licensed to Pollack.

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The preceding statement and attached exhibits have been prepared by me, or under my direction, and are true and accurate to the best of my belief and knowledge.



Above signature is digitized copy of actual signature  
License Expires November 30, 2017

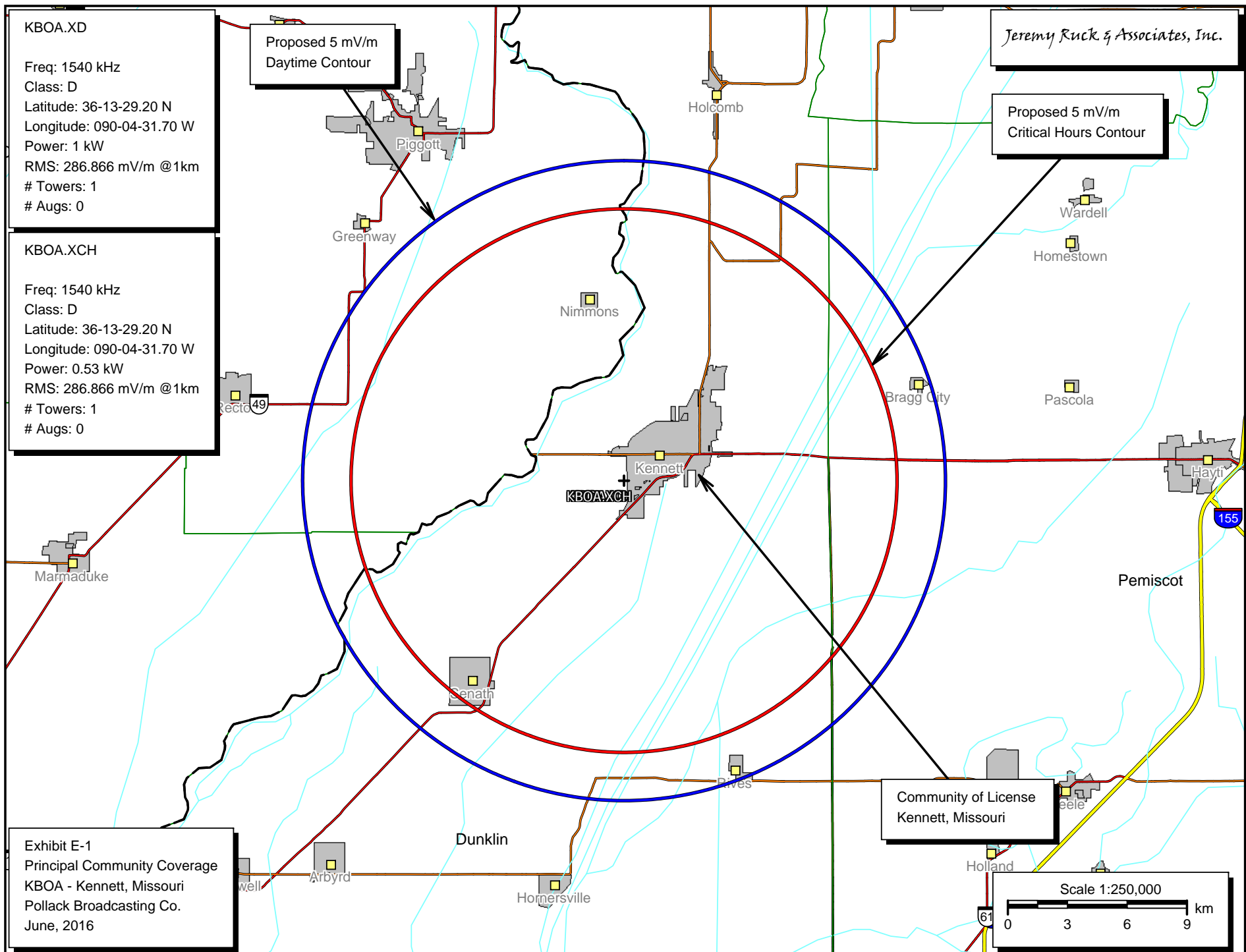
Jeremy D. Ruck, PE  
June 20, 2016

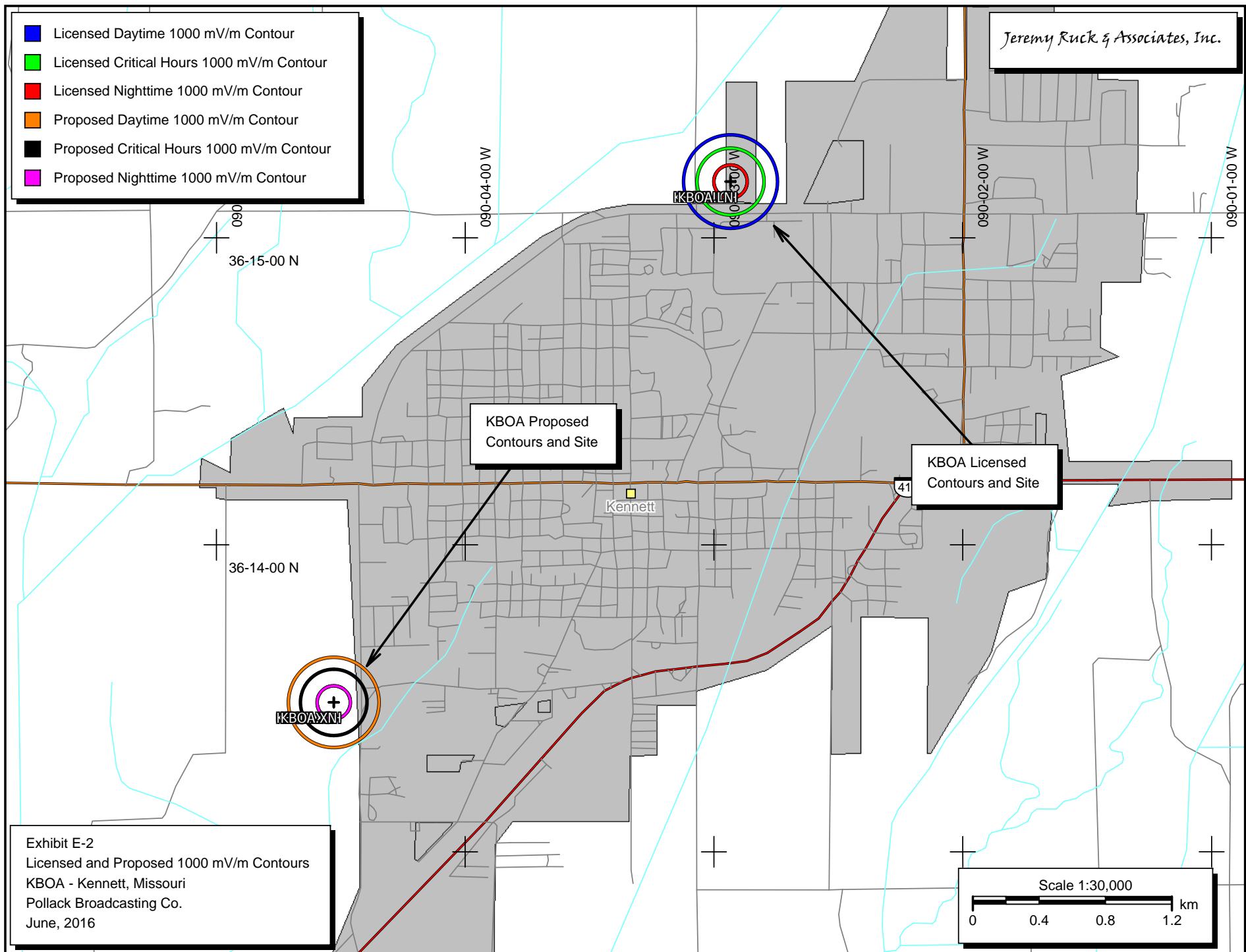
JEREMY RUCK & ASSOCIATES, INC.

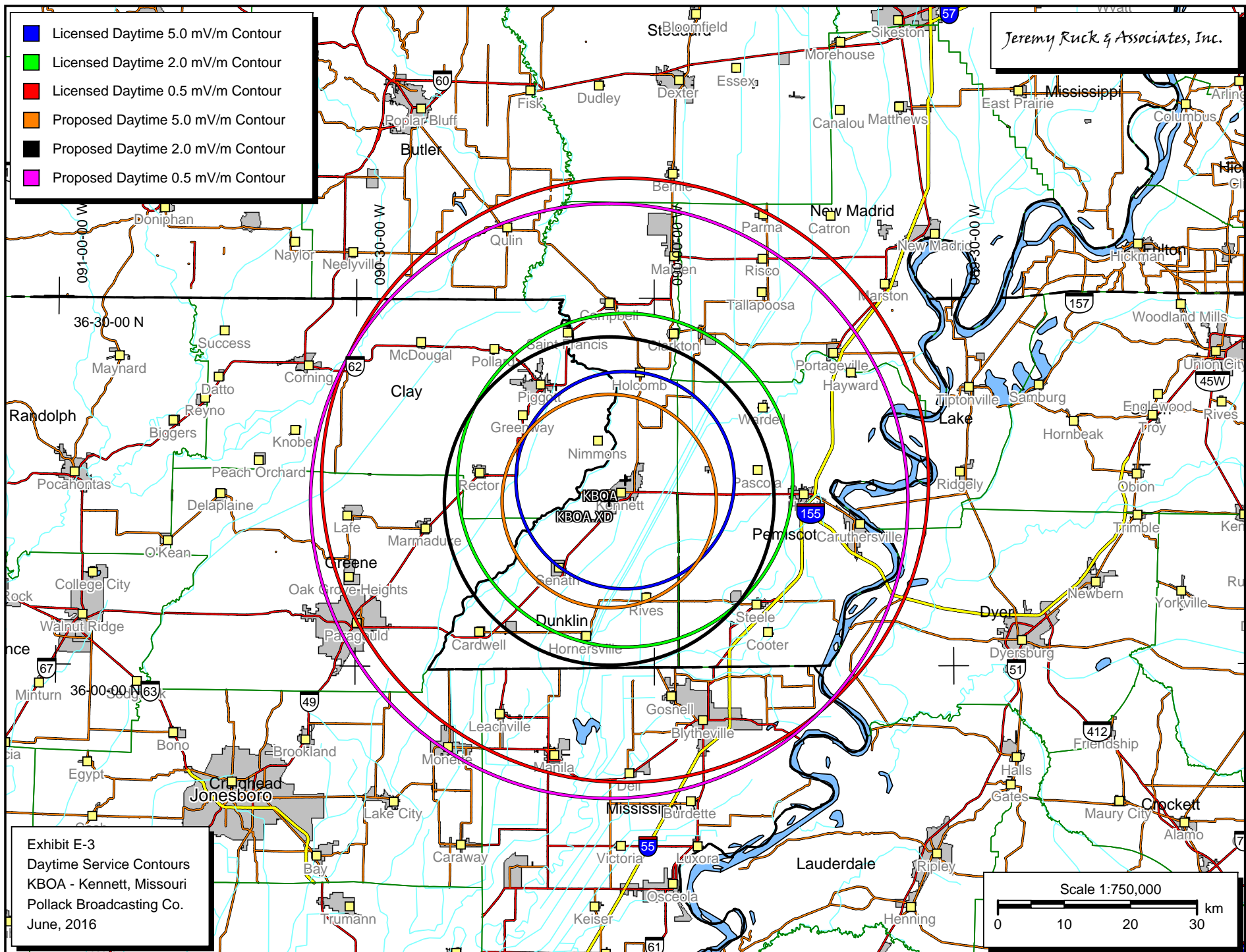
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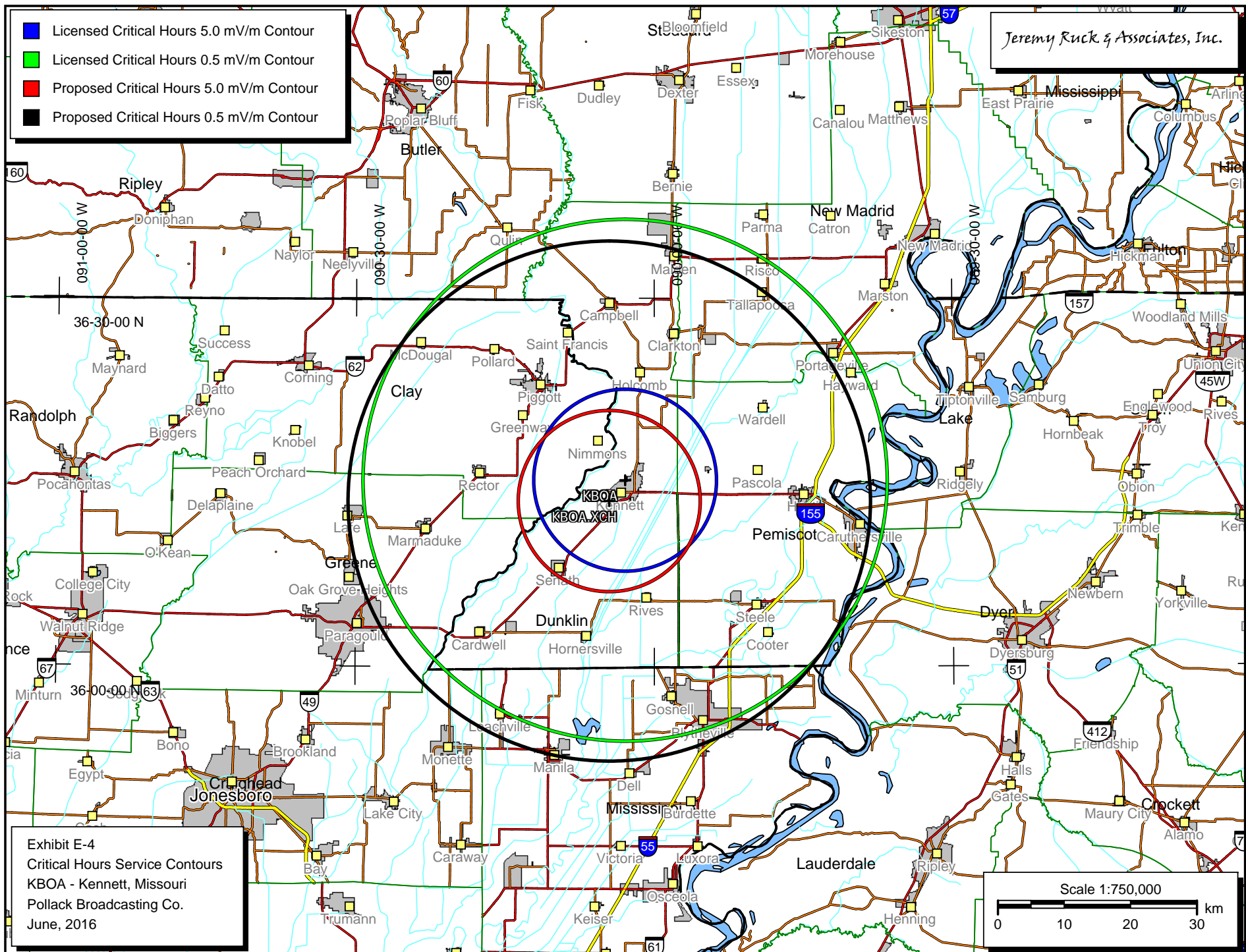
6.20.2016











KBOA

Freq: 1540 kHz  
Class: D  
Latitude: 36-15-11 N  
Longitude: 090-02-56 W  
Power: 0.001 kW  
RMS: 297.73 mV/m @1km  
# Towers: 1  
# Augs: 0

KBOA.XN

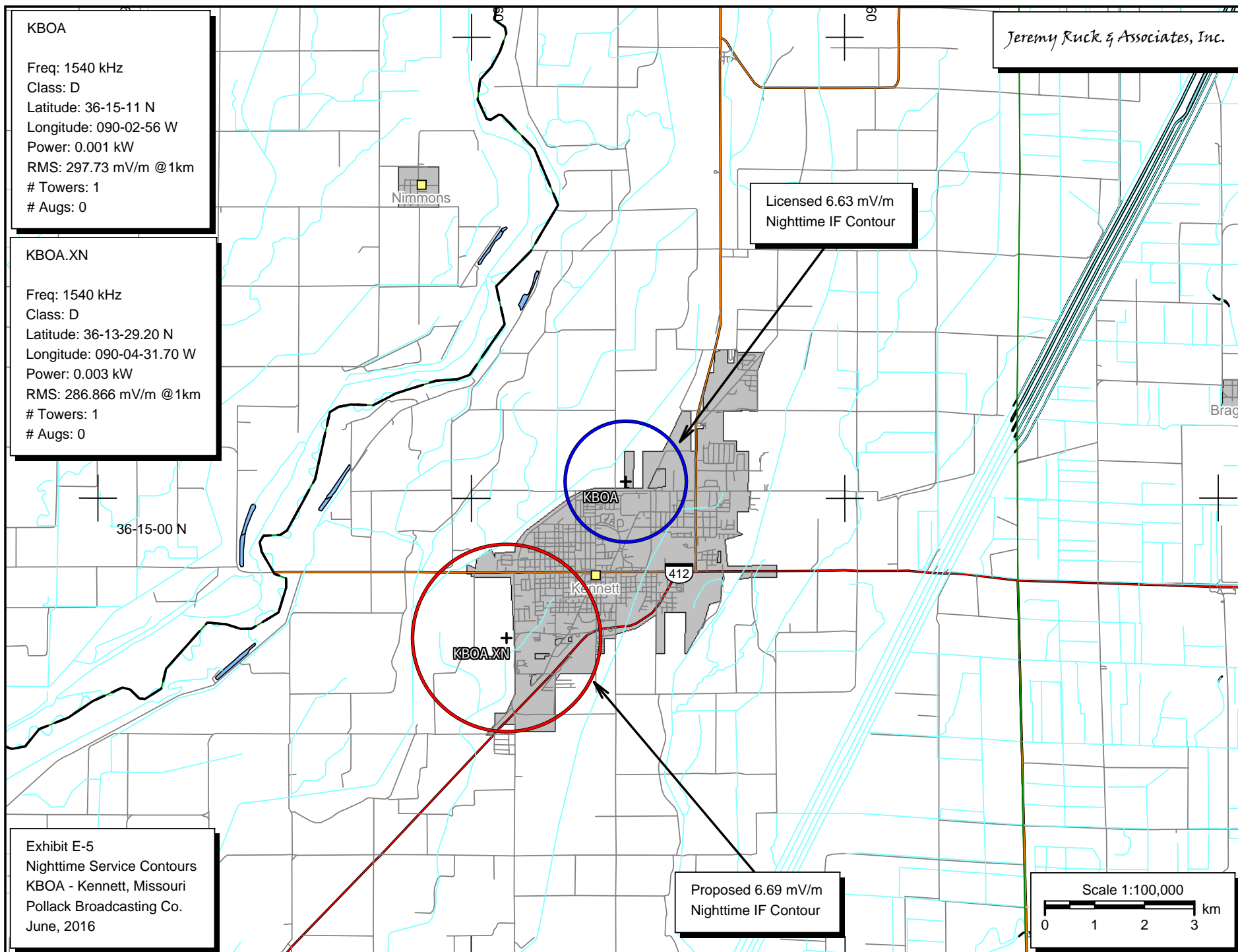
Freq: 1540 kHz  
Class: D  
Latitude: 36-13-29.20 N  
Longitude: 090-04-31.70 W  
Power: 0.003 kW  
RMS: 286.866 mV/m @1km  
# Towers: 1  
# Augs: 0

Jeremy Ruck & Associates, Inc.

Licensed 6.63 mV/m  
Nighttime IF Contour

Proposed 6.69 mV/m  
Nighttime IF Contour

Exhibit E-5  
Nighttime Service Contours  
KBOA - Kennett, Missouri  
Pollack Broadcasting Co.  
June, 2016





## Exhibit E-6 - Site Location Map

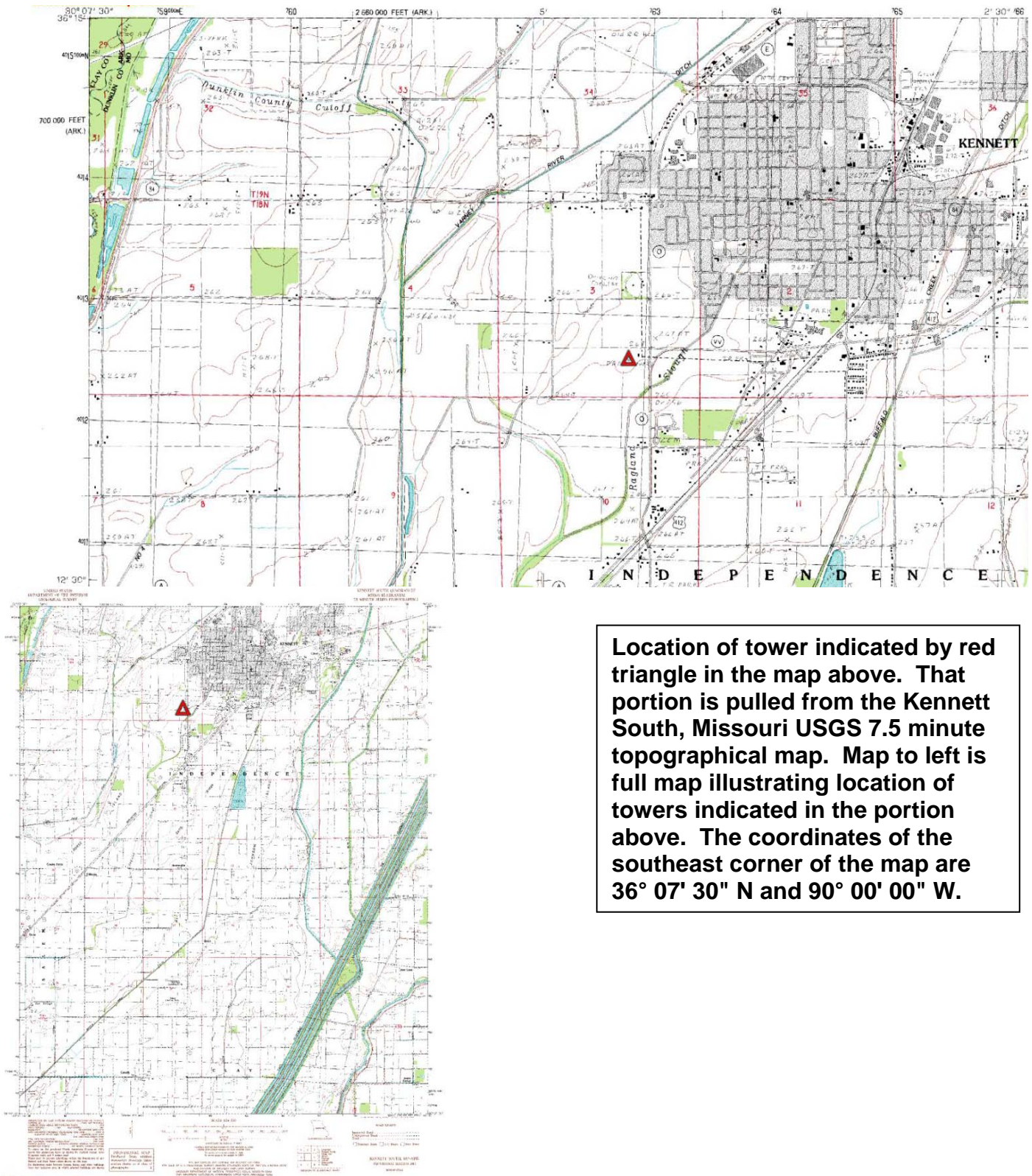
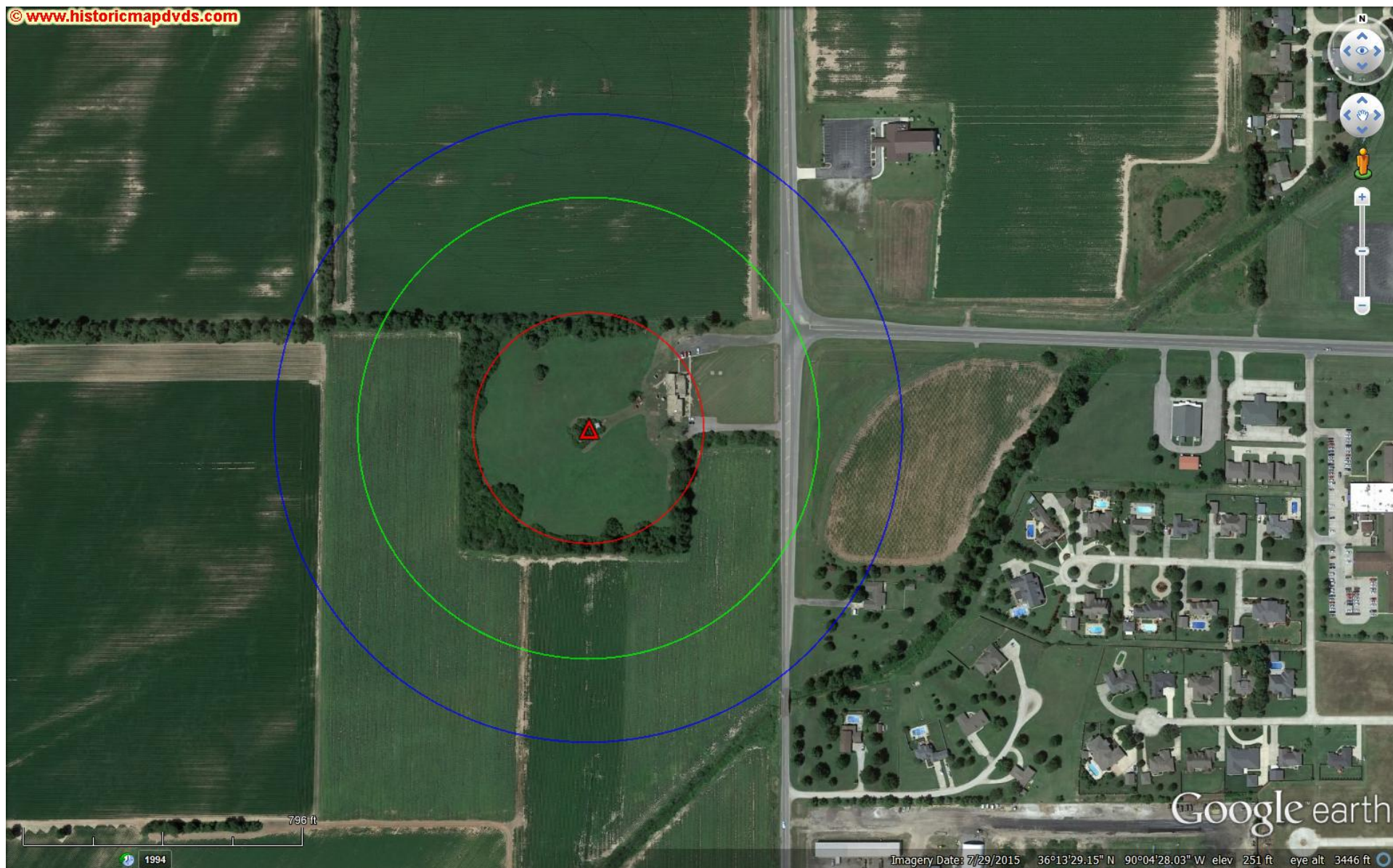




Exhibit E-7 - Satellite Imagery of Proposed 1000 mV/m Contours (See Text)



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KBOA.XD

Freq: 1540 kHz

Class: D

Latitude: 36-13-29.20 N

Longitude: 090-04-31.70 W

Power: 1 kW

RMS: 286.866 mV/m @1km

# Towers: 1

# Augs: 0

Causes

Receives

No Ix

Jeremy Ruck & Associates, Inc.

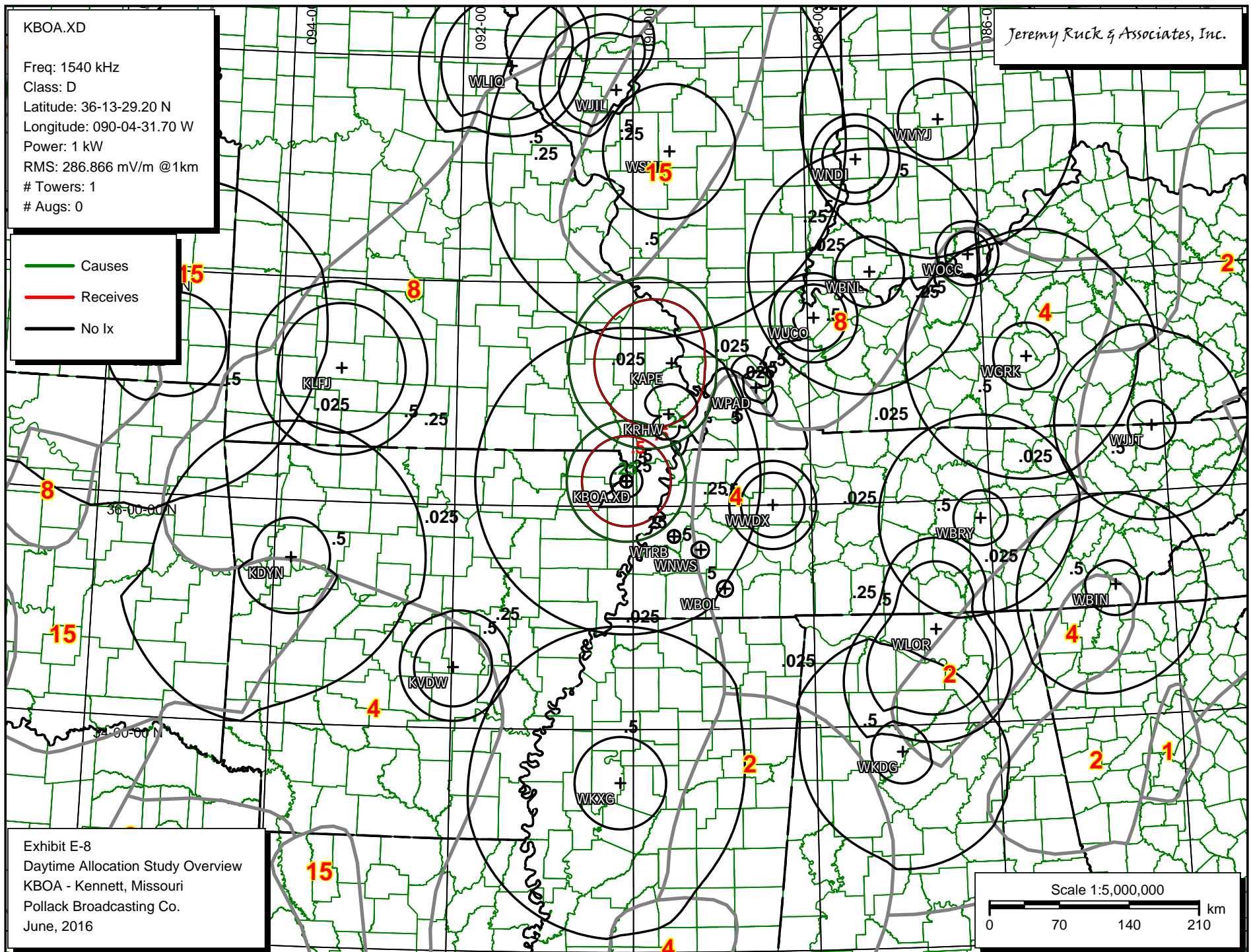


Exhibit E-8

Daytime Allocation Study Overview

KBOA - Kennett, Missouri

Pollack Broadcasting Co.

June, 2016

Scale 1:5,000,000

0 70 140 210 km



# AM Daytime Study

Reference Station:

Call: KBOA.XD

Freq: 1540 kHz

KENNETT, MO, US

Lat: 36-13-29.20 N

Power: 1.0 kW

Lng: 090-04-31.70 W

Theo RMS: 286.87 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	60.9	0	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
KAPE	1550	CAPE GIRARDE	MO	125.8	21.6	-321.50	-47.25
KRHW	1520	SIKESTON	MO	79.1	33.0	38.16	38.16
WWDX	1530	HUNTINGDON	TN	149.9	100.0	60.79	57.25
WTRB	1570	RIPLEY	TN	73.0	139.0	60.42	60.42
WNWS	1520	BROWNSVILLE	TN	101.5	132.6	77.29	77.29
WKXG	1540	GREENWOOD	MS	300.1	181.1	99.84	102.20
WSMI	1540	LITCHFIELD	IL	330.2	7.9	98.19	111.12
WBOL	1560	BOLIVAR	TN	146.0	137.6	121.82	121.82
WPAD	1560	PADUCAH	KY	160.7	55.6	128.27	128.27
WPAD	1560	PADUCAH	KY	160.7	55.6	132.25	132.25
WBNL	1540	BOONVILLE	IN	322.0	51.5	154.69	142.67
KVDW	1530	ENGLAND	AR	254.5	222.4	150.54	154.23
KDYN	1540	OZARK	AR	347.3	255.3	165.93	154.73
WUCO	1550	MORGANFIELD	KY	249.4	50.7	160.00	155.96
KLFJ	1550	SPRINGFIELD	MO	309.1	289.4	177.43	183.96
WBRY	1540	WOODBURY	TN	359.9	98.1	211.55	196.51
WKDG	1540	SUMITON	AL	387.5	135.6	225.27	214.01
WLOR	1550	HUNTSVILLE	AL	345.7	117.1	236.85	238.46
WGRK	1540	GREENSBURG	KY	423.1	75.6	255.16	252.02
KLKC	1540	PARSONS	KS	476.7	283.5	285.56	271.37
WMYJ	1540	MARTINSVILLE	IN	477.9	43.5	294.55	286.39
WNDI	1550	SULLIVAN	IN	394.8	37.6	305.38	301.41
WJIL	1550	JACKSONVILLE	IL	388.3	358.4	320.91	313.27
WLIQ	1530	QUINCY	IL	428.1	343.5	314.18	316.07
WOCC	1550	CORYDON	IN	412.3	59.3	335.91	328.87
WBIN	1540	BENTON	TN	505.1	104.8	361.82	338.37
WJJT	1540	JELLICO	TN	534.2	87.5	390.02	373.24
WLOI	1540	LA PORTE	IN	665.6	26.6	499.30	478.71

Exhibit E-9

Daytime Allocation Study

Tabulation

**KBOA**  
Licensed Daytime  
Freq: 1540 kHz  
Class: D  
Latitude: 36-15-11 N  
Longitude: 090-02-56 W  
Power: 1 kW  
RMS: 297.73 mV/m @1km  
# Towers: 1  
# Augs: 0

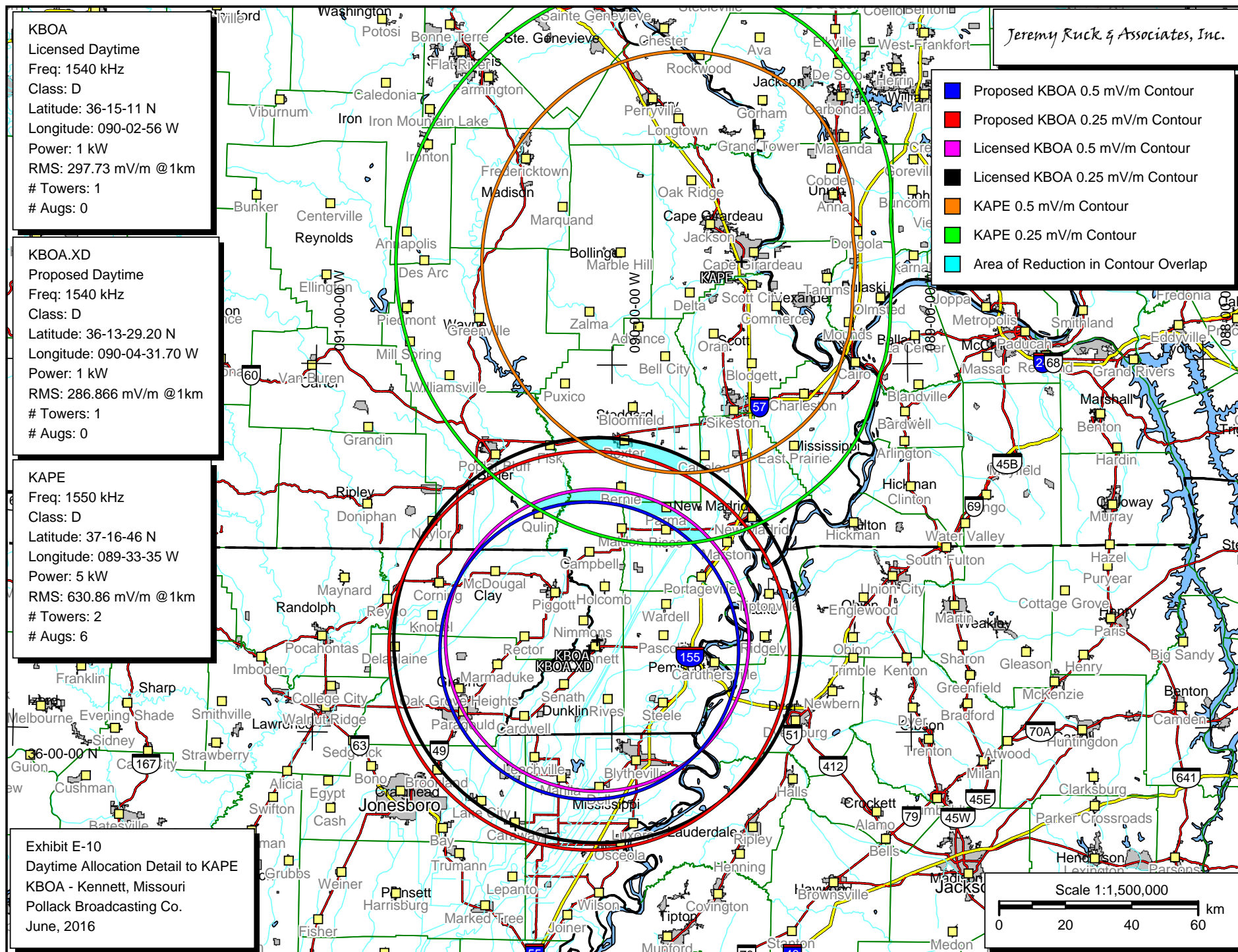
**KBOA.XD**  
Proposed Daytime  
Freq: 1540 kHz  
Class: D  
Latitude: 36-13-29.20 N  
Longitude: 090-04-31.70 W  
Power: 1 kW  
RMS: 286.866 mV/m @1km  
# Towers: 1  
# Augs: 0

**KAPE**  
Freq: 1550 kHz  
Class: D  
Latitude: 37-16-46 N  
Longitude: 089-33-35 W  
Power: 5 kW  
RMS: 630.86 mV/m @1km  
# Towers: 2  
# Augs: 6

Exhibit E-10  
Daytime Allocation Detail to KAPE  
KBOA - Kennett, Missouri  
Pollack Broadcasting Co.  
June, 2016

Jeremy Ruck & Associates, Inc.

- Proposed KBOA 0.5 mV/m Contour
- Proposed KBOA 0.25 mV/m Contour
- Licensed KBOA 0.5 mV/m Contour
- Licensed KBOA 0.25 mV/m Contour
- KAPE 0.5 mV/m Contour
- KAPE 0.25 mV/m Contour
- Area of Reduction in Contour Overlap



KBOA.XCH

Freq: 1540 kHz

Class: D

Latitude: 36-13-29.20 N

Longitude: 090-04-31.70 W

Power: 0.53 kW

RMS: 286.866 mV/m @1km

# Towers: 1

# Augs: 0

Causes

Receives

No Ix

Jeremy Ruck & Associates, Inc.

Exhibit E-11

Critical Hours Allocation Study Overview

KBOA - Kennett, Missouri

Pollack Broadcasting Co.

June, 2016

Scale 1:5,000,000

0 70 140 210 km



# AM Daytime Study

Reference Station:

Call: KBOA.XCH

Freq: 1540 kHz

KENNETT, MO, US

Lat: 36-13-29.20 N

Power: 0.53 kW

Lng: 090-04-31.70 W

Theo RMS: 286.87 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swth	TL Swth	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	60.9	0	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
KAPE	1550	CAPE GIRARDE	MO	125.8	21.6	-95.50	5.54
KRHW	1520	SIKESTON	MO	79.1	33.0	55.37	55.37
WTRB	1570	RIPLEY	TN	73.0	139.0	61.66	61.66
WWDX	1530	HUNTINGDON	TN	149.9	100.0	78.19	73.40
WNWS	1520	BROWNSVILLE	TN	101.5	132.6	79.72	79.72
WKXG	1540	GREENWOOD	MS	300.1	181.1	105.47	119.12
WBOL	1560	BOLIVAR	TN	146.0	137.6	124.25	124.25
WSMI	1540	LITCHFIELD	IL	330.2	7.9	103.82	128.04
WPAD	1560	PADUCAH	KY	160.7	55.6	130.69	130.69
WPAD	1560	PADUCAH	KY	160.7	55.6	141.36	141.36
WBNL	1540	BOONVILLE	IN	322.0	51.5	160.32	156.61
WUCO	1550	MORGANFIELD	KY	249.4	50.7	165.63	163.54
KDYN	1540	OZARK	AR	347.3	255.3	171.56	171.65
KVDW	1530	ENGLAND	AR	254.5	222.4	182.82	178.12
KLFJ	1550	SPRINGFIELD	MO	309.1	289.4	183.06	191.54
WBRY	1540	WOODBURY	TN	359.9	98.1	217.18	210.45
WKDG	1540	SUMITON	AL	387.5	135.6	230.90	227.95
WLOR	1550	HUNTSVILLE	AL	345.7	117.1	242.48	246.05
WGRK	1540	GREENSBURG	KY	423.1	75.6	276.58	270.75
KLKC	1540	PARSONS	KS	476.7	283.5	291.19	288.29
WMYJ	1540	MARTINSVILLE	IN	477.9	43.5	317.38	308.13
WNDI	1550	SULLIVAN	IN	394.8	37.6	311.01	308.99
WJIL	1550	JACKSONVILLE	IL	388.3	358.4	326.53	320.85
WOCC	1550	CORYDON	IN	412.3	59.3	341.54	336.45
WLIQ	1530	QUINCY	IL	428.1	343.5	338.97	337.90
WBIN	1540	BENTON	TN	505.1	104.8	379.91	356.04
WJJT	1540	JELLICO	TN	534.2	87.5	411.22	390.80
WLOI	1540	LA PORTE	IN	665.6	26.6	504.93	495.63

Exhibit E-12

Critical Hours Allocation  
Tabulation

KBOA  
Licensed Daytime  
Freq: 1540 kHz  
Class: D  
Latitude: 36-15-11 N  
Longitude: 090-02-56 W  
Power: 0.5 kW  
RMS: 297.73 mV/m @1km  
# Towers: 1  
# Augs: 0

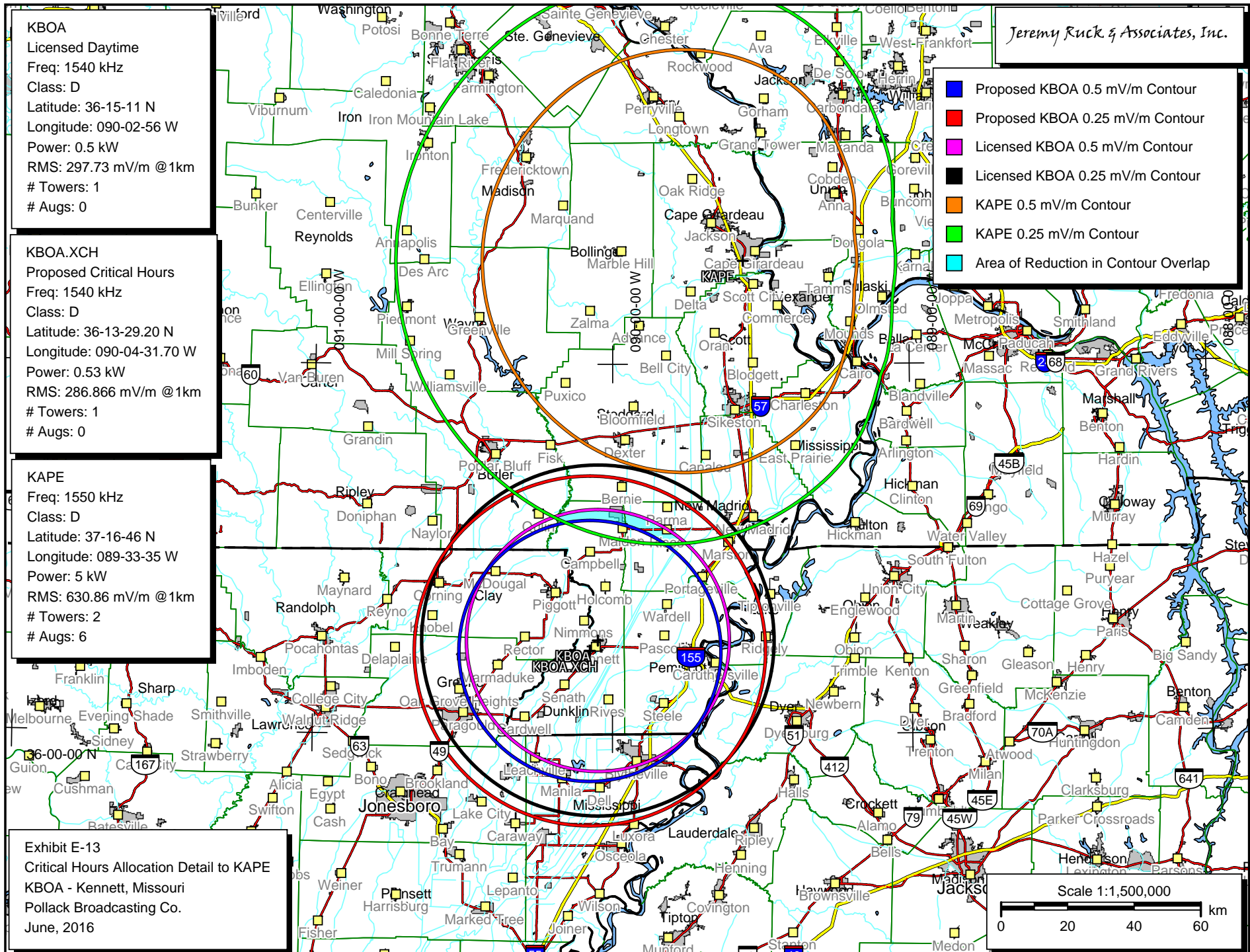
KBOA.XCH  
Proposed Critical Hours  
Freq: 1540 kHz  
Class: D  
Latitude: 36-13-29.20 N  
Longitude: 090-04-31.70 W  
Power: 0.53 kW  
RMS: 286.866 mV/m @1km  
# Towers: 1  
# Augs: 0

KAPE  
Freq: 1550 kHz  
Class: D  
Latitude: 37-16-46 N  
Longitude: 089-33-35 W  
Power: 5 kW  
RMS: 630.86 mV/m @1km  
# Towers: 2  
# Augs: 6

Exhibit E-13  
Critical Hours Allocation Detail to KAPE  
KBOA - Kennett, Missouri  
Pollack Broadcasting Co.  
June, 2016

Jeremy Ruck & Associates, Inc.

- Proposed KBOA 0.5 mV/m Contour
- Proposed KBOA 0.25 mV/m Contour
- Licensed KBOA 0.5 mV/m Contour
- Licensed KBOA 0.25 mV/m Contour
- KAPE 0.5 mV/m Contour
- KAPE 0.25 mV/m Contour
- Area of Reduction in Contour Overlap



## Exhibit E-14 - Daytime Allocation Contour Distances

KENNETT, MO

Call: KBOA.XD

Coordinates: N 36 13 29 W 90 4 32

Frequency: 1540 kHz Number of contours: 5

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		.025	.500	.250	5.000	25.000
0.0	286.87	152.48	44.87	60.18	16.09	6.33
5.0	286.87	152.48	44.87	60.18	16.09	6.33
10.0	286.87	152.48	44.87	60.18	16.09	6.33
15.0	286.87	152.48	44.87	60.18	16.09	6.33
20.0	286.87	152.48	44.87	60.18	16.09	6.33
25.0	286.87	152.48	44.87	60.18	16.09	6.33
30.0	286.87	152.48	44.87	60.18	16.09	6.33
35.0	286.87	152.48	44.87	60.18	16.09	6.33
40.0	286.87	152.48	44.87	60.18	16.09	6.33
45.0	286.87	147.00	44.87	60.18	16.09	6.33
50.0	286.87	143.88	44.87	60.18	16.09	6.33
55.0	286.87	141.45	44.87	60.18	16.09	6.33
60.0	286.87	139.63	44.87	60.18	16.09	6.33
65.0	286.87	138.37	44.87	60.18	16.09	6.33
70.0	286.87	137.37	44.87	60.18	16.09	6.33
75.0	286.87	136.59	44.87	60.18	16.09	6.33
80.0	286.87	135.98	44.87	60.18	16.09	6.33
85.0	286.87	135.54	44.87	60.18	16.09	6.33
90.0	286.87	135.24	44.87	60.18	16.09	6.33
95.0	286.87	135.18	44.87	60.18	16.09	6.33
100.0	286.87	135.29	44.87	60.18	16.09	6.33
105.0	286.87	135.52	44.87	60.18	16.09	6.33
110.0	286.87	135.89	44.87	60.18	16.09	6.33
115.0	286.87	136.42	44.87	60.18	16.09	6.33
120.0	286.87	137.11	44.87	60.18	16.09	6.33
125.0	286.87	138.29	44.87	60.18	16.09	6.33
130.0	286.87	139.97	44.87	60.18	16.09	6.33
135.0	286.87	142.12	44.87	60.18	16.09	6.33
140.0	286.87	145.01	44.87	60.18	16.09	6.33
145.0	286.87	150.75	44.87	60.18	16.09	6.33
150.0	286.87	152.48	44.87	60.18	16.09	6.33
155.0	286.87	152.48	44.87	60.18	16.09	6.33
160.0	286.87	152.48	44.87	60.18	16.09	6.33
165.0	286.87	152.48	44.87	60.18	16.09	6.33
170.0	286.87	152.48	44.87	60.18	16.09	6.33
175.0	286.87	152.48	44.87	60.18	16.09	6.33
180.0	286.87	152.48	44.87	60.18	16.09	6.33
185.0	286.87	152.48	44.87	60.18	16.09	6.33
190.0	286.87	152.48	44.87	60.18	16.09	6.33
195.0	286.87	152.48	44.87	60.18	16.09	6.33
200.0	286.87	152.48	44.87	60.18	16.09	6.33
205.0	286.87	152.48	44.87	60.18	16.09	6.33
210.0	286.87	152.48	44.87	60.18	16.09	6.33
215.0	286.87	152.48	44.87	60.18	16.09	6.33
220.0	286.87	152.48	44.87	60.18	16.09	6.33
225.0	286.87	152.48	44.87	60.18	16.09	6.33
230.0	286.87	152.48	44.87	60.18	16.09	6.33
235.0	286.87	152.48	44.87	60.18	16.09	6.33
240.0	286.87	152.48	44.87	60.18	16.09	6.33
245.0	286.87	152.48	44.87	60.18	16.09	6.33
250.0	286.87	152.48	44.87	60.18	16.09	6.33
255.0	286.87	152.48	44.87	60.18	16.09	6.33
260.0	286.87	152.48	44.87	60.18	16.09	6.33
265.0	286.87	152.48	44.87	60.18	16.09	6.33
270.0	286.87	152.48	44.87	60.18	16.09	6.33
275.0	286.87	152.48	44.87	60.18	16.09	6.33
280.0	286.87	152.48	44.87	60.18	16.09	6.33
285.0	286.87	152.48	44.87	60.18	16.09	6.33

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## Exhibit E-14 - Daytime Allocation Contour Distances

290.0	286.87	152.48	44.87	60.18	16.09	6.33
295.0	286.87	152.48	44.87	60.18	16.09	6.33
300.0	286.87	152.48	44.87	60.18	16.09	6.33
305.0	286.87	152.48	44.87	60.18	16.09	6.33
310.0	286.87	152.48	44.87	60.18	16.09	6.33
315.0	286.87	152.48	44.87	60.18	16.09	6.33
320.0	286.87	152.48	44.87	60.18	16.09	6.33
325.0	286.87	152.48	44.87	60.18	16.09	6.33
330.0	286.87	152.48	44.87	60.18	16.09	6.33
335.0	286.87	152.48	44.87	60.18	16.09	6.33
340.0	286.87	152.48	44.87	60.18	16.09	6.33
345.0	286.87	152.48	44.87	60.18	16.09	6.33
350.0	286.87	152.48	44.87	60.18	16.09	6.33
355.0	286.87	152.48	44.87	60.18	16.09	6.33

CAPE GIRARDEAU ,MO

Call: KAPE

Coordinates: N 37 16 46 W 89 33 35

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	584.79	60.67	81.33
5.0	545.60	58.91	78.99
10.0	507.22	57.11	76.61
15.0	468.85	55.24	74.11
20.0	429.69	53.23	71.43
25.0	390.50	51.12	68.59
30.0	352.87	48.97	65.71
35.0	317.55	46.84	62.83
40.0	285.58	44.78	60.07
45.0	258.20	42.92	57.55
50.0	236.57	41.36	55.45
55.0	218.21	39.97	53.58
60.0	199.79	38.51	51.62
65.0	181.83	37.01	49.60
70.0	166.00	35.60	47.73
75.0	154.77	34.56	46.33
80.0	150.43	34.15	45.78
85.0	150.19	34.12	45.75
90.0	150.17	34.12	45.75
95.0	150.19	34.12	45.75
100.0	150.43	34.15	45.78
105.0	154.05	34.49	46.24
110.0	163.20	35.35	47.38
115.0	175.83	36.48	48.90
120.0	189.89	37.69	50.52
125.0	209.21	39.27	52.23
130.0	223.00	40.34	53.64
135.0	248.30	42.21	56.15
140.0	278.33	44.30	59.06
145.0	311.28	46.44	62.24
150.0	346.01	48.57	65.16
155.0	381.07	50.59	67.88
160.0	416.25	52.52	70.47
165.0	453.10	54.44	73.05
170.0	492.85	56.42	75.69
175.0	535.88	58.46	78.40
180.0	580.28	60.47	81.07
185.0	624.14	62.37	83.57
190.0	667.02	64.15	85.92
195.0	708.50	65.82	88.10
200.0	748.22	67.36	90.11
205.0	785.89	68.77	91.96
210.0	821.24	70.07	93.65
215.0	854.05	71.24	95.17

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## Exhibit E-14 - Daytime Allocation Contour Distances

220.0	884.18	72.29	96.53
225.0	911.51	73.23	97.74
230.0	935.95	74.05	98.80
235.0	958.80	74.81	99.79
240.0	981.05	75.53	100.72
245.0	1002.04	76.21	101.58
250.0	1020.93	76.81	102.35
255.0	1036.82	77.31	103.00
260.0	1048.87	77.69	103.48
265.0	1056.39	77.92	103.78
270.0	1058.95	78.00	103.88
275.0	1056.39	77.92	103.78
280.0	1048.87	77.69	103.48
285.0	1036.82	77.31	103.00
290.0	1020.93	76.81	102.35
295.0	1002.04	76.21	101.58
300.0	981.05	75.53	100.72
305.0	958.80	74.81	99.79
310.0	935.95	74.05	98.80
315.0	911.51	73.23	97.74
320.0	884.18	72.29	96.53
325.0	854.05	71.24	95.17
330.0	821.24	70.07	93.65
335.0	785.89	68.77	91.96
340.0	748.22	67.36	90.11
345.0	708.50	65.82	88.10
350.0	667.02	64.15	85.92
355.0	625.27	62.42	83.63

OZARK ,AR

Call: KDYN

Coordinates: N 35 29 16 W 93 48 43

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	209.39	39.28	135.70
5.0	209.39	39.28	135.70
10.0	209.39	39.28	135.70
15.0	209.39	39.28	135.70
20.0	209.39	39.28	135.70
25.0	209.39	39.28	135.70
30.0	209.39	39.28	135.70
35.0	209.39	39.28	135.70
40.0	209.39	39.28	135.70
45.0	209.39	39.28	135.70
50.0	209.39	39.28	135.70
55.0	209.39	39.28	135.70
60.0	209.39	39.28	135.70
65.0	209.39	39.28	135.70
70.0	209.39	39.28	135.70
75.0	209.39	39.28	135.70
80.0	209.39	39.28	135.70
85.0	209.39	39.28	135.70
90.0	209.39	39.28	135.70
95.0	209.39	39.28	135.70
100.0	209.39	39.28	135.70
105.0	209.39	39.28	135.70
110.0	209.39	50.49	125.15
115.0	209.39	50.64	125.30
120.0	209.39	50.78	125.44
125.0	209.39	51.02	125.68
130.0	209.39	51.39	126.05
135.0	209.39	51.93	126.59

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## Exhibit E-14 - Daytime Allocation Contour Distances

140.0	209.39	52.66	127.32
145.0	209.39	53.60	128.26
150.0	209.39	54.81	129.47
155.0	209.39	55.89	130.85
160.0	209.39	55.92	132.46
165.0	209.39	55.93	134.47
170.0	209.39	55.95	137.00
175.0	209.39	55.96	140.21
180.0	209.39	55.96	144.28
185.0	209.39	55.96	149.19
190.0	209.39	55.96	155.81
195.0	209.39	55.95	170.71
200.0	209.39	55.94	173.53
205.0	209.39	55.93	174.88
210.0	209.39	55.90	176.59
215.0	209.39	55.87	177.27
220.0	209.39	55.84	177.23
225.0	209.39	55.78	177.18
230.0	209.39	55.71	177.11
235.0	209.39	55.62	177.02
240.0	209.39	55.48	176.88
245.0	209.39	55.27	176.67
250.0	209.39	54.93	176.33
255.0	209.39	54.20	175.60
260.0	209.39	47.54	157.01
265.0	209.39	39.37	143.25
270.0	209.39	39.28	140.58
275.0	209.39	39.28	138.44
280.0	209.39	39.28	136.99
285.0	209.39	39.28	135.98
290.0	209.39	39.28	135.70
295.0	209.39	39.28	135.70
300.0	209.39	39.28	135.70
305.0	209.39	39.28	135.70
310.0	209.39	39.28	135.70
315.0	209.39	39.28	135.70
320.0	209.39	39.28	135.70
325.0	209.39	39.28	135.70
330.0	209.39	39.28	135.70
335.0	209.39	39.28	135.70
340.0	209.39	39.28	135.70
345.0	209.39	39.28	135.70
350.0	209.39	39.28	135.70
355.0	209.39	39.28	135.70

SPRINGFIELD, MO

Call: KLFJ

Coordinates: N 37 11 45 W 93 19 7

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m. .500	.250
0.0	673.06	64.40	86.24
5.0	673.06	64.40	86.24
10.0	673.06	64.40	86.24
15.0	673.06	64.40	86.24
20.0	673.06	64.40	86.24
25.0	673.06	64.40	86.24
30.0	673.06	64.40	86.24
35.0	673.06	64.40	86.24
40.0	673.06	64.40	86.24
45.0	673.06	64.40	86.24
50.0	673.06	64.40	86.24
55.0	673.06	64.40	86.24
60.0	673.06	64.40	86.24

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### Exhibit E-14 - Daytime Allocation Contour Distances

65.0	673.06	64.40	86.24
70.0	673.06	64.40	86.24
75.0	673.06	64.40	86.24
80.0	673.06	64.40	86.24
85.0	673.06	64.40	86.24
90.0	673.06	64.40	86.24
95.0	673.06	64.40	86.24
100.0	673.06	64.40	86.24
105.0	673.06	64.40	86.24
110.0	673.06	64.40	86.24
115.0	673.06	64.40	86.24
120.0	673.06	64.40	86.24
125.0	673.06	64.40	86.24
130.0	673.06	64.40	86.24
135.0	673.06	64.40	86.24
140.0	673.06	64.40	86.24
145.0	673.06	64.40	86.24
150.0	673.06	64.40	86.24
155.0	673.06	64.40	86.24
160.0	673.06	64.40	86.24
165.0	673.06	64.40	86.24
170.0	673.06	64.40	86.24
175.0	673.06	64.40	86.24
180.0	673.06	64.40	86.24
185.0	673.06	64.40	86.24
190.0	673.06	64.40	86.24
195.0	673.06	64.40	86.24
200.0	673.06	64.40	86.24
205.0	673.06	64.40	86.24
210.0	673.06	64.40	86.24
215.0	673.06	64.40	86.24
220.0	673.06	64.40	86.24
225.0	673.06	64.40	86.24
230.0	673.06	64.40	86.24
235.0	673.06	64.40	86.24
240.0	673.06	64.40	86.24
245.0	673.06	64.40	86.24
250.0	673.06	64.40	86.24
255.0	673.06	64.40	86.24
260.0	673.06	64.40	86.24
265.0	673.06	64.40	86.24
270.0	673.06	64.40	86.24
275.0	673.06	64.40	86.24
280.0	673.06	64.40	87.89
285.0	673.06	64.40	89.59
290.0	673.06	64.40	90.00
295.0	673.06	64.40	90.26
300.0	673.06	64.40	90.36
305.0	673.06	64.40	90.32
310.0	673.06	64.40	90.12
315.0	673.06	64.40	89.76
320.0	673.06	64.40	89.25
325.0	673.06	64.40	88.54
330.0	673.06	64.40	87.68
335.0	673.06	64.40	86.69
340.0	673.06	64.40	86.24
345.0	673.06	64.40	86.24
350.0	673.06	64.40	86.24
355.0	673.06	64.40	86.24

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## Exhibit E-14 - Daytime Allocation Contour Distances

PARSONS

,KS

Call: KLKC

Coordinates: N 37 20 35 W 95 13 55

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	171.40	51.77	165.75
5.0	171.40	51.77	165.75
10.0	171.40	51.77	165.75
15.0	171.40	51.77	165.75
20.0	171.40	51.77	165.75
25.0	171.40	51.77	165.75
30.0	171.40	51.77	165.75
35.0	171.40	51.77	165.75
40.0	171.40	51.77	165.75
45.0	171.40	51.77	165.75
50.0	171.40	51.77	165.75
55.0	171.40	51.77	165.75
60.0	171.40	51.77	165.75
65.0	171.40	51.77	162.41
70.0	171.40	51.77	159.32
75.0	171.40	51.77	157.03
80.0	171.40	51.77	155.19
85.0	171.40	51.77	153.71
90.0	171.40	51.77	152.45
95.0	171.40	51.77	148.68
100.0	171.40	51.77	146.05
105.0	171.40	51.77	144.85
110.0	171.40	51.77	144.16
115.0	171.40	51.77	143.76
120.0	171.40	51.77	143.69
125.0	171.40	51.77	144.08
130.0	171.40	51.77	144.64
135.0	171.40	51.77	145.41
140.0	171.40	51.77	146.37
145.0	171.40	51.77	147.57
150.0	171.40	51.77	148.22
155.0	171.40	51.77	149.00
160.0	171.40	51.77	149.58
165.0	171.40	51.77	150.34
170.0	171.40	51.77	151.65
175.0	171.40	51.77	153.53
180.0	171.40	51.77	158.47
185.0	171.40	51.77	165.75
190.0	171.40	51.77	165.75
195.0	171.40	51.77	165.75
200.0	171.40	58.13	172.11
205.0	171.40	63.07	180.95
210.0	171.40	64.78	182.87
215.0	171.40	66.07	185.51
220.0	171.40	67.06	188.16
225.0	171.40	67.83	191.26
230.0	171.40	68.42	195.18
235.0	171.40	68.85	212.30
240.0	171.40	69.18	220.26
245.0	171.40	69.40	220.49
250.0	171.40	69.54	220.62
255.0	171.40	69.60	220.68
260.0	171.40	69.57	220.65
265.0	171.40	69.47	220.55
270.0	171.40	69.28	220.36
275.0	171.40	69.00	220.08
280.0	171.40	68.60	219.69
285.0	171.40	68.08	219.16
290.0	171.40	67.40	218.48

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## Exhibit E-14 - Daytime Allocation Contour Distances

295.0	171.40	66.73	217.81
300.0	171.40	65.88	216.96
305.0	171.40	64.79	215.88
310.0	171.40	63.39	214.47
315.0	171.40	61.51	212.59
320.0	171.40	59.02	210.11
325.0	171.40	55.64	206.73
330.0	171.40	51.77	202.42
335.0	171.40	51.77	197.05
340.0	171.40	51.77	189.75
345.0	171.40	51.77	179.65
350.0	171.40	51.77	166.03
355.0	171.40	51.77	165.75

SIKESTON, MO

Call: KRHW

Coordinates: N 36 49 25 W 89 35 45

Frequency: 1520 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 5.000
-----	-----	-----
0.0	1083.09	29.67
5.0	1103.72	29.91
10.0	1118.85	30.08
15.0	1124.83	30.15
20.0	1122.62	30.13
25.0	1115.89	30.05
30.0	1107.34	29.95
35.0	1100.67	29.87
40.0	1099.61	29.86
45.0	1106.95	29.95
50.0	1123.45	30.14
55.0	1136.15	30.28
60.0	1137.32	30.30
65.0	1129.04	30.20
70.0	1111.04	29.99
75.0	1083.20	29.67
80.0	1045.57	29.22
85.0	998.57	28.64
90.0	938.32	27.88
95.0	855.52	26.77
100.0	756.75	25.37
105.0	683.13	24.23
110.0	644.41	23.61
115.0	627.68	23.33
120.0	612.13	23.07
125.0	576.99	22.46
130.0	494.34	20.92
135.0	371.74	18.28
140.0	288.39	16.14
145.0	380.16	18.48
150.0	461.97	20.27
155.0	533.05	21.66
160.0	593.28	22.74
165.0	643.00	23.59
170.0	682.80	24.23
175.0	713.39	24.71
180.0	735.49	25.05
185.0	749.72	25.26
190.0	756.54	25.36
195.0	794.01	25.91
200.0	786.42	25.80
205.0	770.68	25.57
210.0	746.63	25.21
215.0	713.59	24.71
220.0	665.91	23.96

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## Exhibit E-14 - Daytime Allocation Contour Distances

225.0	592.21	22.72
230.0	526.43	21.53
235.0	454.27	20.11
240.0	371.41	18.27
245.0	278.73	15.86
250.0	178.77	12.58
255.0	83.29	8.06
260.0	116.89	9.90
265.0	273.09	15.70
270.0	377.68	18.42
275.0	458.46	20.19
280.0	540.63	21.80
285.0	643.38	23.59
290.0	734.51	25.03
295.0	811.92	26.17
300.0	874.27	27.03
305.0	921.02	27.65
310.0	952.43	28.06
315.0	969.45	28.28
320.0	1003.12	28.70
325.0	1044.53	29.21
330.0	1068.01	29.49
335.0	1069.99	29.51
340.0	1051.84	29.29
345.0	1041.81	29.17
350.0	1046.36	29.23
355.0	1061.98	29.42

ENGLAND ,AR

Call: KVDW

Coordinates: N 34 32 45 W 91 59 4

Frequency: 1530 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	477.30	39.22	56.13
5.0	477.30	39.22	56.70
10.0	477.30	39.22	57.22
15.0	477.30	39.22	57.72
20.0	477.30	39.22	58.10
25.0	477.30	39.35	58.36
30.0	477.30	39.68	58.69
35.0	477.30	39.93	58.94
40.0	477.30	40.08	59.09
45.0	477.30	40.13	59.14
50.0	477.30	40.12	59.13
55.0	477.30	40.23	59.24
60.0	477.30	40.24	59.25
65.0	477.30	40.16	59.17
70.0	477.30	39.98	58.99
75.0	477.30	39.75	58.76
80.0	477.30	39.58	58.59
85.0	477.30	39.30	58.31
90.0	477.30	39.22	57.92
95.0	477.30	39.22	57.40
100.0	477.30	39.22	56.80
105.0	477.30	39.22	56.18
110.0	477.30	39.22	55.37
115.0	477.30	39.22	54.36
120.0	477.30	39.22	53.60
125.0	477.30	39.22	53.60
130.0	477.30	39.22	53.60
135.0	477.30	39.22	53.60
140.0	477.30	39.22	53.60
145.0	477.30	39.22	53.60

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## Exhibit E-14 - Daytime Allocation Contour Distances

150.0	477.30	39.22	53.60
155.0	477.30	39.22	53.60
160.0	477.30	39.22	53.60
165.0	477.30	39.22	53.60
170.0	477.30	39.22	53.60
175.0	477.30	39.22	53.60
180.0	477.30	39.22	53.60
185.0	477.30	39.22	53.60
190.0	477.30	39.22	53.60
195.0	477.30	39.22	53.60
200.0	477.30	39.22	53.60
205.0	477.30	39.22	53.60
210.0	477.30	39.22	53.60
215.0	477.30	39.22	53.60
220.0	477.30	39.22	53.60
225.0	477.30	39.22	53.60
230.0	477.30	39.22	53.60
235.0	477.30	39.22	53.60
240.0	477.30	39.22	53.60
245.0	477.30	39.22	53.60
250.0	477.30	39.22	53.60
255.0	477.30	39.22	53.60
260.0	477.30	39.22	53.60
265.0	477.30	39.22	53.60
270.0	477.30	39.22	53.60
275.0	477.30	39.22	53.60
280.0	477.30	39.22	53.60
285.0	477.30	39.22	53.60
290.0	477.30	39.22	53.60
295.0	477.30	39.22	53.60
300.0	477.30	39.22	53.60
305.0	477.30	39.22	53.60
310.0	477.30	39.22	53.60
315.0	477.30	39.22	53.60
320.0	477.30	39.22	53.60
325.0	477.30	39.22	53.60
330.0	477.30	39.22	53.60
335.0	477.30	39.22	53.60
340.0	477.30	39.22	53.60
345.0	477.30	39.22	53.60
350.0	477.30	39.22	54.48
355.0	477.30	39.22	55.40

BENTON, TN

Call: WBIN

Coordinates: N 35 10 50 W 84 38 34

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	282.00	23.65	90.70
5.0	282.00	23.60	90.65
10.0	282.00	23.56	90.61
15.0	282.00	23.53	90.58
20.0	282.00	23.51	90.56
25.0	282.00	23.50	90.54
30.0	282.00	23.49	90.54
35.0	282.00	23.49	90.54
40.0	282.00	23.50	90.54
45.0	282.00	23.51	90.55
50.0	282.00	23.53	90.57
55.0	282.00	23.55	90.60
60.0	282.00	23.59	90.63
65.0	282.00	23.64	90.68
70.0	282.00	23.70	90.74

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### Exhibit E-14 - Daytime Allocation Contour Distances

75.0	282.00	23.77	90.82
80.0	282.00	23.87	90.92
85.0	282.00	24.01	91.05
90.0	282.00	24.18	91.23
95.0	282.00	24.43	91.47
100.0	282.00	24.78	91.82
105.0	282.00	25.00	92.04
110.0	282.00	25.28	92.33
115.0	282.00	25.66	92.71
120.0	282.00	26.19	93.24
125.0	282.00	26.98	94.02
130.0	282.00	27.98	95.02
135.0	282.00	28.55	95.59
140.0	282.00	29.32	96.37
145.0	282.00	30.42	97.46
150.0	282.00	30.94	98.36
155.0	282.00	30.94	99.43
160.0	282.00	30.94	100.93
165.0	282.00	30.94	102.12
170.0	282.00	30.94	103.38
175.0	282.00	30.94	104.86
180.0	282.00	30.94	106.72
185.0	282.00	30.94	108.32
190.0	282.00	30.94	109.73
195.0	282.00	30.94	111.19
200.0	282.00	30.94	112.45
205.0	282.00	30.94	114.30
210.0	282.00	30.94	114.78
215.0	282.00	30.94	114.78
220.0	282.00	30.94	114.78
225.0	282.00	30.94	114.78
230.0	282.00	30.94	114.78
235.0	282.00	30.94	110.91
240.0	282.00	30.94	107.99
245.0	282.00	30.94	105.91
250.0	282.00	30.94	104.35
255.0	282.00	30.94	103.13
260.0	282.00	30.94	101.88
265.0	282.00	30.94	100.92
270.0	282.00	30.94	99.80
275.0	282.00	30.94	98.91
280.0	282.00	30.94	98.23
285.0	282.00	30.21	97.26
290.0	282.00	29.50	96.54
295.0	282.00	28.96	96.00
300.0	282.00	28.16	95.20
305.0	282.00	27.22	94.26
310.0	282.00	26.57	93.68
315.0	282.00	26.10	93.52
320.0	282.00	25.50	93.03
325.0	282.00	24.89	92.29
330.0	282.00	24.50	91.64
335.0	282.00	24.24	91.28
340.0	282.00	24.05	91.09
345.0	282.00	23.91	90.95
350.0	282.00	23.80	90.84
355.0	282.00	23.71	90.76

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## Exhibit E-14 - Daytime Allocation Contour Distances

BOONVILLE, IN

Call: WBNL

Coordinates: N 38 3 58 W 87 16 27

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	159.32	34.99	122.19
5.0	159.32	34.99	122.19
10.0	159.32	34.99	122.19
15.0	159.32	34.99	122.19
20.0	159.32	34.99	122.19
25.0	159.32	34.99	122.19
30.0	159.32	34.99	122.19
35.0	159.32	34.99	122.19
40.0	159.32	34.99	122.19
45.0	159.32	34.99	122.19
50.0	159.32	34.99	122.19
55.0	159.32	34.99	122.19
60.0	159.32	34.99	122.19
65.0	159.32	34.99	122.19
70.0	159.32	34.99	114.62
75.0	159.32	34.99	112.26
80.0	159.32	34.99	110.78
85.0	159.32	34.99	109.99
90.0	159.32	34.99	109.39
95.0	159.32	34.99	108.93
100.0	159.32	34.99	108.61
105.0	159.32	34.99	108.42
110.0	159.32	34.99	108.38
115.0	159.32	34.99	108.47
120.0	159.32	34.99	108.67
125.0	159.32	34.99	108.99
130.0	159.32	34.99	109.45
135.0	159.32	34.99	109.91
140.0	159.32	34.99	110.40
145.0	159.32	34.99	111.06
150.0	159.32	34.99	111.92
155.0	159.32	34.99	112.99
160.0	159.32	34.99	114.34
165.0	159.32	34.99	115.75
170.0	159.32	34.99	117.38
175.0	159.32	34.99	119.42
180.0	159.32	34.99	121.21
185.0	159.32	34.99	122.19
190.0	159.32	34.99	122.19
195.0	159.32	34.99	122.19
200.0	159.32	34.99	122.19
205.0	159.32	34.99	122.19
210.0	159.32	34.99	122.19
215.0	159.32	34.99	122.19
220.0	159.32	34.99	122.19
225.0	159.32	34.99	122.19
230.0	159.32	34.99	122.19
235.0	159.32	34.99	122.19
240.0	159.32	34.99	122.19
245.0	159.32	34.99	122.19
250.0	159.32	34.99	122.19
255.0	159.32	34.99	122.19
260.0	159.32	34.99	122.19
265.0	159.32	34.99	122.19
270.0	159.32	34.99	122.19
275.0	159.32	34.99	122.19
280.0	159.32	34.99	122.19
285.0	159.32	34.99	122.19

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## Exhibit E-14 - Daytime Allocation Contour Distances

290.0	159.32	34.99	122.19
295.0	159.32	34.99	122.19
300.0	159.32	34.99	122.19
305.0	159.32	34.99	122.19
310.0	159.32	34.99	122.19
315.0	159.32	34.99	122.19
320.0	159.32	34.99	122.19
325.0	159.32	34.99	122.19
330.0	159.32	34.99	122.19
335.0	159.32	34.99	122.19
340.0	159.32	34.99	122.19
345.0	159.32	34.99	122.19
350.0	159.32	34.99	122.19
355.0	159.32	34.99	122.19

BOLIVAR, TN

Call: WBOL

Coordinates: N 35 15 30 W 88 58 50

Frequency: 1560 kHz Number of contours: 1

Azimuth	Radiation	Distances to Contours in Kilometers :
	(mV/m at one km)	Contour levels in mV/m. 5.000
0.0	153.69	8.05
5.0	153.69	8.05
10.0	153.69	8.05
15.0	153.69	8.05
20.0	153.69	8.05
25.0	153.69	8.05
30.0	153.69	8.05
35.0	153.69	8.05
40.0	153.69	8.05
45.0	153.69	8.05
50.0	153.69	8.05
55.0	153.69	8.05
60.0	153.69	8.05
65.0	153.69	8.05
70.0	153.69	8.05
75.0	153.69	8.05
80.0	153.69	8.05
85.0	153.69	8.05
90.0	153.69	8.05
95.0	153.69	8.05
100.0	153.69	8.05
105.0	153.69	8.05
110.0	153.69	8.05
115.0	153.69	8.05
120.0	153.69	8.05
125.0	153.69	8.05
130.0	153.69	8.05
135.0	153.69	8.05
140.0	153.69	8.05
145.0	153.69	8.05
150.0	153.69	8.05
155.0	153.69	8.05
160.0	153.69	8.05
165.0	153.69	8.05
170.0	153.69	8.05
175.0	153.69	8.05
180.0	153.69	8.05
185.0	153.69	8.05
190.0	153.69	8.05
195.0	153.69	8.05
200.0	153.69	8.05
205.0	153.69	8.05
210.0	153.69	8.05

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215.0	153.69	8.05
220.0	153.69	8.05
225.0	153.69	8.05
230.0	153.69	8.05
235.0	153.69	8.05
240.0	153.69	8.05
245.0	153.69	8.05
250.0	153.69	8.05
255.0	153.69	8.05
260.0	153.69	8.05
265.0	153.69	8.05
270.0	153.69	8.05
275.0	153.69	8.05
280.0	153.69	8.05
285.0	153.69	8.05
290.0	153.69	8.05
295.0	153.69	8.05
300.0	153.69	8.05
305.0	153.69	8.05
310.0	153.69	8.05
315.0	153.69	8.05
320.0	153.69	8.05
325.0	153.69	8.05
330.0	153.69	8.05
335.0	153.69	8.05
340.0	153.69	8.05
345.0	153.69	8.05
350.0	153.69	8.05
355.0	153.69	8.05

WOODBURY, TN

Call: WBRY

Coordinates: N 35 49 53 W 86 6 42

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	213.94	27.34	102.64
5.0	213.94	27.34	102.64
10.0	213.94	27.34	102.64
15.0	213.94	27.34	102.64
20.0	213.94	27.34	102.64
25.0	213.94	27.34	102.64
30.0	213.94	27.34	102.64
35.0	213.94	27.34	102.64
40.0	213.94	27.34	102.64
45.0	213.94	27.34	102.64
50.0	213.94	27.34	102.64
55.0	213.94	27.34	102.64
60.0	213.94	27.34	102.64
65.0	213.94	27.34	102.64
70.0	213.94	27.34	102.64
75.0	213.94	27.34	102.64
80.0	213.94	27.34	102.36
85.0	213.94	27.34	99.95
90.0	213.94	27.34	98.10
95.0	213.94	27.34	96.50
100.0	213.94	27.34	95.17
105.0	213.94	27.34	94.14
110.0	213.94	27.34	93.38
115.0	213.94	27.34	92.91
120.0	213.94	27.34	92.55
125.0	213.94	27.34	92.29
130.0	213.94	27.34	92.12
135.0	213.94	27.34	92.04

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140.0	213.94	27.34	92.04
145.0	213.94	27.34	92.13
150.0	213.94	27.34	92.30
155.0	213.94	27.34	92.56
160.0	213.94	27.34	92.93
165.0	213.94	27.34	93.41
170.0	213.94	27.34	94.03
175.0	213.94	27.34	94.82
180.0	213.94	27.34	95.95
185.0	213.94	27.34	97.46
190.0	213.94	27.34	99.41
195.0	213.94	27.34	102.00
200.0	213.94	27.34	102.64
205.0	213.94	27.34	102.64
210.0	213.94	27.34	102.64
215.0	213.94	27.34	102.64
220.0	213.94	27.34	102.64
225.0	213.94	27.34	102.64
230.0	213.94	27.34	102.64
235.0	213.94	27.34	102.64
240.0	213.94	27.34	102.64
245.0	213.94	27.34	102.64
250.0	213.94	27.34	102.64
255.0	213.94	27.34	102.64
260.0	213.94	27.34	102.64
265.0	213.94	27.34	102.64
270.0	213.94	27.34	102.64
275.0	213.94	27.34	102.64
280.0	213.94	27.34	102.64
285.0	213.94	27.34	102.64
290.0	213.94	27.34	102.64
295.0	213.94	27.34	102.64
300.0	213.94	27.34	102.64
305.0	213.94	27.34	102.64
310.0	213.94	27.34	102.64
315.0	213.94	27.34	102.64
320.0	213.94	27.34	102.64
325.0	213.94	27.34	102.64
330.0	213.94	27.34	102.64
335.0	213.94	27.34	102.64
340.0	213.94	27.34	102.64
345.0	213.94	27.34	102.64
350.0	213.94	27.34	102.64
355.0	213.94	27.34	102.64

GREENSBURG, KY

Call: WGRK

Coordinates: N 37 15 34 W 85 30 57

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m. .500	.025
0.0	329.92	33.21	125.72
5.0	329.92	33.21	126.46
10.0	329.92	33.21	127.00
15.0	329.92	33.21	127.13
20.0	329.92	33.21	126.81
25.0	329.92	33.21	126.06
30.0	329.92	33.21	124.99
35.0	329.92	33.21	123.68
40.0	329.92	33.21	122.39
45.0	329.92	33.21	122.15
50.0	329.92	33.21	122.62
55.0	329.92	33.21	123.93
60.0	329.92	33.21	125.65

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### Exhibit E-14 - Daytime Allocation Contour Distances

65.0	329.92	33.21	127.43
70.0	329.92	33.21	128.88
75.0	329.92	33.21	130.42
80.0	329.92	33.21	131.73
85.0	329.92	33.21	131.64
90.0	329.92	33.21	113.21
95.0	329.92	33.21	112.69
100.0	329.92	33.21	112.29
105.0	329.92	33.21	112.04
110.0	329.92	33.21	112.00
115.0	329.92	33.21	112.06
120.0	329.92	33.21	112.23
125.0	329.92	33.21	112.51
130.0	329.92	33.21	113.06
135.0	329.92	33.21	113.81
140.0	329.92	33.21	114.75
145.0	329.92	33.21	115.91
150.0	329.92	33.21	117.59
155.0	329.92	33.21	120.07
160.0	329.92	33.21	122.13
165.0	329.92	33.21	122.13
170.0	329.92	33.21	122.13
175.0	329.92	33.21	122.13
180.0	329.92	33.21	122.13
185.0	329.92	33.21	122.13
190.0	329.92	33.21	122.13
195.0	329.92	33.21	122.13
200.0	329.92	33.21	122.13
205.0	329.92	33.21	122.13
210.0	329.92	33.21	122.13
215.0	329.92	33.21	122.13
220.0	329.92	33.21	122.13
225.0	329.92	33.21	122.13
230.0	329.92	33.21	122.13
235.0	329.92	33.21	122.13
240.0	329.92	33.21	122.13
245.0	329.92	33.21	122.13
250.0	329.92	33.21	122.13
255.0	329.92	33.21	122.13
260.0	329.92	33.21	122.13
265.0	329.92	33.21	122.13
270.0	329.92	33.21	122.13
275.0	329.92	33.21	122.13
280.0	329.92	33.21	122.17
285.0	329.92	33.21	122.77
290.0	329.92	33.21	123.23
295.0	329.92	33.21	123.38
300.0	329.92	33.21	123.10
305.0	329.92	33.21	122.63
310.0	329.92	33.21	122.13
315.0	329.92	33.21	122.13
320.0	329.92	33.21	122.13
325.0	329.92	33.21	122.13
330.0	329.92	33.21	122.13
335.0	329.92	33.21	122.13
340.0	329.92	33.21	122.13
345.0	329.92	33.21	122.13
350.0	329.92	33.21	122.89
355.0	329.92	33.21	124.54

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## Exhibit E-14 - Daytime Allocation Contour Distances

JACKSONVILLE, IL

Call: WJIL

Coordinates: N 39 43 20 W 90 11 43

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	429.62	56.12	74.32
5.0	400.02	55.31	72.96
10.0	365.62	54.60	71.59
15.0	327.13	54.49	70.69
20.0	285.62	56.97	72.25
25.0	242.47	59.73	75.97
30.0	199.25	55.11	72.96
35.0	157.57	49.97	66.42
40.0	118.96	44.30	59.27
45.0	84.71	38.10	51.51
50.0	55.78	31.33	43.08
55.0	32.87	23.94	33.89
60.0	16.91	16.38	24.30
65.0	12.33	13.42	20.44
70.0	13.33	14.12	21.35
75.0	15.47	15.50	23.17
80.0	16.27	16.00	23.81
85.0	15.53	15.54	23.21
90.0	13.94	14.53	21.89
95.0	12.24	13.36	20.35
100.0	11.00	12.46	19.15
105.0	10.51	12.08	18.65
110.0	10.66	12.20	18.80
115.0	11.10	12.53	19.26
120.0	11.54	12.86	19.68
125.0	11.78	13.03	19.92
130.0	11.76	13.01	19.89
135.0	11.46	12.80	19.61
140.0	11.01	12.46	19.16
145.0	10.59	12.15	18.73
150.0	10.55	12.11	18.69
155.0	11.19	12.60	19.35
160.0	12.56	13.59	20.65
165.0	14.29	14.75	22.19
170.0	15.77	15.69	23.41
175.0	16.25	15.99	23.80
180.0	15.20	15.33	22.95
185.0	14.02	14.58	21.96
190.0	13.49	14.22	21.49
195.0	19.90	18.06	26.46
200.0	39.66	26.41	36.98
205.0	64.25	33.52	45.82
210.0	91.16	39.40	53.12
215.0	126.37	43.96	54.79
220.0	166.61	43.75	55.89
225.0	212.64	45.42	58.88
230.0	260.64	47.36	62.06
235.0	307.44	49.49	65.26
240.0	350.69	51.49	68.18
245.0	388.78	53.23	70.67
250.0	420.80	54.66	72.69
255.0	446.53	55.77	74.26
260.0	466.38	56.61	75.43
265.0	481.21	57.21	76.29
270.0	492.19	57.65	76.90
275.0	500.50	57.97	77.36
280.0	506.86	58.22	77.70

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## Exhibit E-14 - Daytime Allocation Contour Distances

285.0	510.84	58.37	77.92
290.0	513.03	58.44	78.03
295.0	514.08	58.48	78.66
300.0	514.49	58.49	79.61
305.0	514.61	58.51	79.79
310.0	514.60	58.53	79.83
315.0	514.44	58.55	79.31
320.0	513.94	58.58	78.18
325.0	512.70	58.59	78.16
330.0	510.21	58.56	78.09
335.0	505.79	58.46	77.93
340.0	498.69	58.26	77.62
345.0	488.17	57.95	77.14
350.0	473.49	57.49	76.44
355.0	454.09	56.88	75.50

JELLICO, TN

Call: WJJT

Coordinates: N 36 34 59 W 84 8 10

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	313.80	24.00	99.75
5.0	313.80	24.00	97.45
10.0	313.80	24.00	94.43
15.0	313.80	24.00	94.03
20.0	313.80	24.00	94.03
25.0	313.80	24.00	94.03
30.0	313.80	24.00	94.03
35.0	313.80	24.00	94.03
40.0	313.80	24.00	94.03
45.0	313.80	24.00	94.03
50.0	313.80	24.00	94.03
55.0	313.80	24.00	94.03
60.0	313.80	24.00	94.03
65.0	313.80	24.00	94.03
70.0	313.80	24.00	94.03
75.0	313.80	24.00	94.03
80.0	313.80	24.00	97.66
85.0	313.80	24.00	97.31
90.0	313.80	24.00	96.84
95.0	313.80	24.00	96.18
100.0	313.80	24.00	95.34
105.0	313.80	24.00	94.27
110.0	313.80	24.00	94.03
115.0	313.80	24.00	94.03
120.0	313.80	24.00	94.03
125.0	313.80	24.00	94.03
130.0	313.80	24.00	94.03
135.0	313.80	24.00	94.03
140.0	313.80	24.00	94.03
145.0	313.80	24.00	94.03
150.0	313.80	24.00	94.03
155.0	313.80	24.00	94.03
160.0	313.80	24.00	94.03
165.0	313.80	24.00	94.03
170.0	313.80	24.00	94.03
175.0	313.80	24.00	94.03
180.0	313.80	24.00	94.03
185.0	313.80	24.00	94.03
190.0	313.80	24.00	94.03
195.0	313.80	24.00	94.03
200.0	313.80	24.00	94.03

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## Exhibit E-14 - Daytime Allocation Contour Distances

205.0	313.80	24.00	94.03
210.0	313.80	24.00	94.03
215.0	313.80	24.00	94.03
220.0	313.80	24.00	94.03
225.0	313.80	24.00	94.03
230.0	313.80	24.00	94.36
235.0	313.80	24.00	94.92
240.0	313.80	24.00	95.47
245.0	313.80	24.00	96.08
250.0	313.80	24.00	96.56
255.0	313.80	24.00	96.94
260.0	313.80	24.00	97.46
265.0	313.80	24.00	97.86
270.0	313.80	24.00	98.12
275.0	313.80	24.00	98.39
280.0	313.80	24.00	98.54
285.0	313.80	24.00	98.56
290.0	313.80	24.00	98.47
295.0	313.80	24.00	98.25
300.0	313.80	24.00	97.99
305.0	313.80	24.00	97.67
310.0	313.80	24.00	97.21
315.0	313.80	24.00	96.63
320.0	313.80	24.00	95.96
325.0	313.80	24.00	95.20
330.0	313.80	24.00	96.49
335.0	313.80	24.00	98.98
340.0	313.80	24.00	100.23
345.0	313.80	24.00	101.08
350.0	313.80	24.00	101.48
355.0	313.80	24.00	100.85

SUMITON ,AL

Call: WKDG

Coordinates: N 33 45 50 W 87 3 47

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	297.73	28.02	103.62
5.0	297.73	27.55	101.17
10.0	297.73	27.18	98.39
15.0	297.73	26.90	95.45
20.0	297.73	26.67	95.22
25.0	297.73	26.49	95.04
30.0	297.73	26.35	94.90
35.0	297.73	26.24	94.79
40.0	297.73	26.17	94.72
45.0	297.73	26.17	94.72
50.0	297.73	26.18	94.73
55.0	297.73	26.22	94.77
60.0	297.73	26.28	94.83
65.0	297.73	26.36	94.91
70.0	297.73	26.48	95.67
75.0	297.73	26.62	99.09
80.0	297.73	26.81	101.97
85.0	297.73	27.04	103.93
90.0	297.73	27.33	105.62
95.0	297.73	27.70	107.13
100.0	297.73	28.18	107.78
105.0	297.73	28.83	108.28
110.0	297.73	30.94	110.45
115.0	297.73	31.71	113.63
120.0	297.73	31.71	113.89

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## Exhibit E-14 - Daytime Allocation Contour Distances

125.0	297.73	31.71	114.77
130.0	297.73	31.71	117.30
135.0	297.73	31.71	117.30
140.0	297.73	31.71	117.30
145.0	297.73	31.71	117.30
150.0	297.73	31.71	117.30
155.0	297.73	31.71	117.30
160.0	297.73	31.71	117.30
165.0	297.73	31.71	117.30
170.0	297.73	31.71	117.30
175.0	297.73	31.71	117.30
180.0	297.73	31.71	117.30
185.0	297.73	31.71	117.30
190.0	297.73	31.71	111.01
195.0	297.73	31.71	108.09
200.0	297.73	31.71	106.35
205.0	297.73	31.71	105.15
210.0	297.73	31.71	104.22
215.0	297.73	31.71	103.49
220.0	297.73	31.71	102.91
225.0	297.73	31.71	102.46
230.0	297.73	31.71	102.26
235.0	297.73	31.71	102.13
240.0	297.73	31.71	102.07
245.0	297.73	31.71	102.08
250.0	297.73	31.71	102.16
255.0	297.73	31.71	102.31
260.0	297.73	31.71	102.54
265.0	297.73	31.71	102.86
270.0	297.73	31.71	103.46
275.0	297.73	31.71	104.24
280.0	297.73	31.71	105.22
285.0	297.73	31.71	106.53
290.0	297.73	31.71	109.04
295.0	297.73	31.71	116.03
300.0	297.73	31.71	117.30
305.0	297.73	31.71	117.30
310.0	297.73	31.71	117.30
315.0	297.73	31.71	117.30
320.0	297.73	31.71	117.30
325.0	297.73	31.71	117.30
330.0	297.73	31.71	117.30
335.0	297.73	31.71	117.30
340.0	297.73	31.71	117.30
345.0	297.73	31.71	117.30
350.0	297.73	29.53	110.05
355.0	297.73	28.65	106.50

GREENWOOD ,MS

Call: WKXG

Coordinates: N 33 31 12 W 90 8 28

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m.	
		.500	.025
0.0	305.80	46.10	156.07
5.0	305.80	46.10	156.07
10.0	305.80	46.10	156.07
15.0	305.80	46.10	156.07
20.0	305.80	46.10	156.07
25.0	305.80	46.10	156.07
30.0	305.80	46.10	156.07
35.0	305.80	46.10	156.07
40.0	305.80	46.10	156.07
45.0	305.80	46.10	154.66

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### Exhibit E-14 - Daytime Allocation Contour Distances

50.0	305.80	46.10	151.89
55.0	305.80	46.10	144.52
60.0	305.80	46.10	139.04
65.0	305.80	46.10	134.84
70.0	305.80	46.10	131.57
75.0	305.80	46.10	129.02
80.0	305.80	46.10	127.17
85.0	305.80	46.10	125.70
90.0	305.80	46.10	124.57
95.0	305.80	46.10	123.71
100.0	305.80	46.10	123.10
105.0	305.80	46.10	122.91
110.0	305.80	46.10	122.96
115.0	305.80	46.10	123.21
120.0	305.80	46.10	123.68
125.0	305.80	46.10	124.37
130.0	305.80	46.10	125.38
135.0	305.80	46.10	126.87
140.0	305.80	46.10	128.75
145.0	305.80	46.10	131.58
150.0	305.80	46.10	136.42
155.0	305.80	46.10	142.34
160.0	305.80	46.10	147.72
165.0	305.80	46.10	150.00
170.0	305.80	46.10	150.15
175.0	305.80	46.10	150.67
180.0	305.80	46.10	151.91
185.0	305.80	46.10	156.07
190.0	305.80	46.10	156.07
195.0	305.80	46.10	156.07
200.0	305.80	46.10	156.07
205.0	305.80	46.10	156.07
210.0	305.80	46.10	156.07
215.0	305.80	46.10	156.07
220.0	305.80	46.10	156.07
225.0	305.80	46.10	156.07
230.0	305.80	46.10	156.07
235.0	305.80	46.10	156.07
240.0	305.80	46.10	156.07
245.0	305.80	46.10	156.07
250.0	305.80	46.10	156.07
255.0	305.80	46.10	156.07
260.0	305.80	46.10	155.50
265.0	305.80	46.10	154.22
270.0	305.80	46.10	153.25
275.0	305.80	46.10	152.52
280.0	305.80	46.10	152.01
285.0	305.80	46.10	151.68
290.0	305.80	46.10	151.55
295.0	305.80	46.10	151.78
300.0	305.80	46.10	152.71
305.0	305.80	46.10	154.64
310.0	305.80	46.10	156.07
315.0	305.80	46.10	156.07
320.0	305.80	46.10	156.07
325.0	305.80	46.10	156.07
330.0	305.80	46.10	156.07
335.0	305.80	46.10	156.07
340.0	305.80	46.10	156.07
345.0	305.80	46.10	156.07
350.0	305.80	46.10	156.07
355.0	305.80	46.10	156.07

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## Exhibit E-14 - Daytime Allocation Contour Distances

QUINCY

,IL

Call: WLIQ

Coordinates: N 39 55 51 W 91 25 46

Frequency: 1530 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	376.52	71.33	93.81
5.0	376.52	71.33	93.81
10.0	376.52	71.33	93.81
15.0	376.52	71.33	93.81
20.0	376.52	71.33	93.11
25.0	376.52	71.33	92.30
30.0	376.52	71.33	91.36
35.0	376.52	71.33	90.55
40.0	376.52	71.33	89.77
45.0	376.52	71.33	88.92
50.0	376.52	70.81	88.01
55.0	376.52	69.96	87.16
60.0	376.52	68.63	85.83
65.0	376.52	66.99	84.20
70.0	376.52	64.75	81.95
75.0	376.52	62.47	79.67
80.0	376.52	59.76	76.96
85.0	376.52	57.98	75.19
90.0	376.52	56.56	73.76
95.0	376.52	55.42	72.63
100.0	376.52	54.63	71.83
105.0	376.52	54.06	71.26
110.0	376.52	53.63	70.83
115.0	376.52	53.30	70.51
120.0	376.52	53.05	70.26
125.0	376.52	52.86	70.06
130.0	376.52	52.71	69.92
135.0	376.52	52.60	69.80
140.0	376.52	52.52	69.73
145.0	376.52	52.47	69.67
150.0	376.52	52.44	69.64
155.0	376.52	52.43	69.64
160.0	376.52	52.45	69.65
165.0	376.52	52.49	69.69
170.0	376.52	52.55	69.75
175.0	376.52	52.64	69.84
180.0	376.52	52.76	69.97
185.0	376.52	52.92	70.13
190.0	376.52	53.13	70.34
195.0	376.52	53.41	70.61
200.0	376.52	53.77	70.97
205.0	376.52	54.24	71.45
210.0	376.52	54.89	72.09
215.0	376.52	55.79	74.88
220.0	376.52	61.62	84.11
225.0	376.52	71.33	93.81
230.0	376.52	71.33	93.81
235.0	376.52	71.33	93.81
240.0	376.52	71.33	93.81
245.0	376.52	71.33	93.81
250.0	376.52	71.33	93.81
255.0	376.52	71.33	93.81
260.0	376.52	71.33	93.81
265.0	376.52	71.33	93.81
270.0	376.52	71.33	93.81
275.0	376.52	71.33	93.81
280.0	376.52	71.33	93.81
285.0	376.52	71.33	93.81

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## Exhibit E-14 - Daytime Allocation Contour Distances

290.0	376.52	71.33	93.81
295.0	376.52	71.33	93.81
300.0	376.52	71.33	93.81
305.0	376.52	71.33	93.81
310.0	376.52	71.33	93.81
315.0	376.52	71.33	93.81
320.0	376.52	71.33	93.81
325.0	376.52	71.33	93.81
330.0	376.52	71.33	93.81
335.0	376.52	71.33	93.81
340.0	376.52	71.33	93.81
345.0	376.52	71.33	93.81
350.0	376.52	71.33	93.81
355.0	376.52	71.33	93.81

LA PORTE, IN

Call: WLOI

Coordinates: N 41 38 1 W 86 45 33

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	158.52	27.71	114.74
5.0	158.52	26.09	113.12
10.0	158.52	24.25	111.29
15.0	158.52	22.87	109.12
20.0	158.52	22.88	104.82
25.0	158.52	22.94	77.94
30.0	158.52	23.05	75.60
35.0	158.52	23.20	75.76
40.0	158.52	23.42	75.98
45.0	158.52	23.71	76.26
50.0	158.52	24.07	76.63
55.0	158.52	24.54	77.10
60.0	158.52	25.14	77.69
65.0	158.52	25.79	78.35
70.0	158.52	26.61	79.17
75.0	158.52	27.67	80.23
80.0	158.52	29.08	81.63
85.0	158.52	30.99	83.55
90.0	158.52	33.74	86.29
95.0	158.52	34.91	115.05
100.0	158.52	34.91	121.95
105.0	158.52	34.91	121.95
110.0	158.52	34.91	121.95
115.0	158.52	34.91	121.95
120.0	158.52	34.91	121.95
125.0	158.52	34.91	121.95
130.0	158.52	34.91	121.95
135.0	158.52	34.91	121.95
140.0	158.52	34.91	121.95
145.0	158.52	34.91	121.95
150.0	158.52	34.91	121.95
155.0	158.52	34.91	121.95
160.0	158.52	34.91	121.95
165.0	158.52	34.91	121.95
170.0	158.52	34.91	121.95
175.0	158.52	34.91	121.95
180.0	158.52	34.91	121.95
185.0	158.52	34.91	121.95
190.0	158.52	34.91	121.95
195.0	158.52	34.91	121.95
200.0	158.52	34.91	121.95
205.0	158.52	34.91	121.95
210.0	158.52	34.91	121.95

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## Exhibit E-14 - Daytime Allocation Contour Distances

215.0	158.52	34.91	121.95
220.0	158.52	34.91	121.95
225.0	158.52	34.91	121.95
230.0	158.52	34.91	121.95
235.0	158.52	34.91	121.95
240.0	158.52	34.91	123.95
245.0	158.52	34.91	126.21
250.0	158.52	34.91	128.05
255.0	158.52	34.91	129.84
260.0	158.52	34.91	131.52
265.0	158.52	34.91	131.88
270.0	158.52	34.91	130.90
275.0	158.52	34.91	128.91
280.0	158.52	34.91	121.95
285.0	158.52	34.91	121.95
290.0	158.52	34.91	121.95
295.0	158.52	34.91	121.95
300.0	158.52	34.91	121.95
305.0	158.52	34.91	123.37
310.0	158.52	34.91	123.21
315.0	158.52	34.91	121.98
320.0	158.52	34.91	121.95
325.0	158.52	34.91	121.95
330.0	158.52	34.91	121.95
335.0	158.52	34.91	121.95
340.0	158.52	33.52	120.55
345.0	158.52	32.04	119.08
350.0	158.52	30.62	117.66
355.0	158.52	29.19	116.23

HUNTSVILLE, AL

Call: WLOR

Coordinates: N 34 51 9 W 86 39 10

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	1597.71	67.40	90.90
5.0	1590.69	67.27	90.73
10.0	1560.55	66.71	90.00
15.0	1508.49	65.72	88.73
20.0	1436.62	64.31	86.91
25.0	1348.07	62.52	84.59
30.0	1246.95	60.40	81.82
35.0	1138.46	57.99	78.67
40.0	1028.74	55.43	75.30
45.0	924.75	52.84	71.87
50.0	833.68	50.44	67.67
55.0	762.11	46.38	60.21
60.0	714.64	42.86	56.30
65.0	693.20	40.97	54.23
70.0	697.60	40.16	53.46
75.0	727.76	40.22	53.76
80.0	785.65	41.03	55.04
85.0	875.25	42.57	57.26
90.0	1000.60	44.78	60.34
95.0	1163.49	47.55	64.13
100.0	1362.38	50.72	68.43
105.0	1592.68	54.14	73.01
110.0	1847.67	57.63	77.65
115.0	2119.50	61.08	82.19
120.0	2399.92	64.40	86.51
125.0	2680.94	67.51	90.55
130.0	2955.21	70.38	94.24
135.0	3216.33	72.99	97.58

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## Exhibit E-14 - Daytime Allocation Contour Distances

140.0	3459.01	75.31	100.85
145.0	3679.14	77.36	103.74
150.0	3873.74	79.13	106.05
155.0	4040.78	80.64	107.84
160.0	4179.07	81.91	109.04
165.0	4288.03	82.95	110.06
170.0	4367.48	83.79	111.06
175.0	4417.42	84.43	111.80
180.0	4437.97	84.89	112.30
185.0	4429.17	85.21	112.60
190.0	4390.99	85.40	112.72
195.0	4323.35	85.53	112.71
200.0	4226.19	85.70	112.92
205.0	4099.59	86.17	114.49
210.0	3943.94	87.92	118.13
215.0	3760.18	97.31	128.49
220.0	3549.96	95.01	125.68
225.0	3315.87	92.33	122.37
230.0	3061.56	89.28	118.59
235.0	2791.84	85.85	114.32
240.0	2512.69	82.08	109.59
245.0	2231.10	77.98	104.41
250.0	1954.84	73.63	98.90
255.0	1692.14	69.13	93.13
260.0	1451.07	64.60	87.28
265.0	1238.92	60.22	81.60
270.0	1061.26	56.21	76.32
275.0	920.93	52.75	71.74
280.0	817.43	49.99	68.09
285.0	747.40	48.02	65.45
290.0	706.52	46.82	63.84
295.0	691.89	46.38	63.25
300.0	702.93	46.71	63.70
305.0	740.06	47.80	65.17
310.0	802.40	49.58	67.53
315.0	886.38	51.85	70.56
320.0	986.05	54.39	73.92
325.0	1094.34	56.98	77.34
330.0	1204.12	59.46	80.60
335.0	1308.86	61.71	83.53
340.0	1403.00	63.64	86.04
345.0	1481.97	65.20	88.07
350.0	1542.26	66.36	89.56
355.0	1581.36	67.10	90.51

MARTINSVILLE, IN

Call: WMYJ

Coordinates: N 39 24 31 W 86 25 10

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m. .500	.025
0.0	220.77	40.17	140.71
5.0	220.77	40.17	143.80
10.0	220.77	40.17	146.00
15.0	220.77	40.17	148.50
20.0	220.77	40.17	151.32
25.0	220.77	40.17	151.45
30.0	220.77	40.17	149.93
35.0	220.77	40.17	148.04
40.0	220.77	40.17	145.74
45.0	220.77	40.17	143.21
50.0	220.77	40.17	140.10
55.0	220.77	40.17	138.42
60.0	220.77	40.17	138.42
65.0	220.77	40.17	138.42

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### Exhibit E-14 - Daytime Allocation Contour Distances

70.0	220.77	40.17	138.42
75.0	220.77	40.17	138.42
80.0	220.77	40.17	138.42
85.0	220.77	40.17	138.42
90.0	220.77	40.17	138.42
95.0	220.77	40.17	138.42
100.0	220.77	40.17	138.42
105.0	220.77	40.17	138.42
110.0	220.77	40.17	138.42
115.0	220.77	40.17	138.42
120.0	220.77	40.17	138.42
125.0	220.77	40.17	138.42
130.0	220.77	40.17	138.42
135.0	220.77	40.17	138.42
140.0	220.77	40.17	138.42
145.0	220.77	40.17	138.42
150.0	220.77	40.17	138.42
155.0	220.77	40.17	137.58
160.0	220.77	40.17	134.74
165.0	220.77	40.17	133.64
170.0	220.77	40.17	133.48
175.0	220.77	40.17	134.45
180.0	220.77	40.17	136.61
185.0	220.77	40.17	138.42
190.0	220.77	40.17	138.42
195.0	220.77	40.17	138.42
200.0	220.77	40.17	138.42
205.0	220.77	40.17	138.42
210.0	220.77	40.17	138.42
215.0	220.77	40.17	138.42
220.0	220.77	40.17	138.42
225.0	220.77	40.17	138.42
230.0	220.77	40.17	138.42
235.0	220.77	40.17	138.42
240.0	220.77	40.17	138.42
245.0	220.77	40.17	138.42
250.0	220.77	40.17	138.42
255.0	220.77	40.17	138.42
260.0	220.77	40.17	138.42
265.0	220.77	40.17	138.42
270.0	220.77	40.17	138.42
275.0	220.77	40.17	138.42
280.0	220.77	40.17	138.42
285.0	220.77	40.17	138.42
290.0	220.77	40.17	138.42
295.0	220.77	40.17	138.42
300.0	220.77	40.17	138.42
305.0	220.77	40.17	138.42
310.0	220.77	40.17	138.42
315.0	220.77	40.17	138.42
320.0	220.77	40.17	138.42
325.0	220.77	40.17	138.42
330.0	220.77	40.17	138.42
335.0	220.77	40.17	138.42
340.0	220.77	40.17	138.42
345.0	220.77	40.17	138.42
350.0	220.77	40.17	138.42
355.0	220.77	40.17	138.42

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## Exhibit E-14 - Daytime Allocation Contour Distances

SULLIVAN

, IN

Call: WNDI

Coordinates: N 39 4 32 W 87 23 57

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	141.62	33.28	44.63
5.0	141.62	33.28	44.63
10.0	141.62	33.28	44.63
15.0	141.62	33.28	44.63
20.0	141.62	33.28	44.63
25.0	141.62	33.28	44.63
30.0	141.62	33.28	44.63
35.0	141.62	33.28	44.63
40.0	141.62	33.28	44.63
45.0	141.62	33.28	44.63
50.0	141.62	33.28	44.63
55.0	141.62	33.28	44.63
60.0	141.62	33.28	44.63
65.0	141.62	33.28	44.63
70.0	141.62	33.28	44.63
75.0	141.62	33.28	44.63
80.0	141.62	33.28	44.63
85.0	141.62	33.28	44.63
90.0	141.62	33.28	44.63
95.0	141.62	33.28	44.63
100.0	141.62	33.28	44.63
105.0	141.62	33.28	44.63
110.0	141.62	33.28	44.63
115.0	141.62	33.28	44.63
120.0	141.62	33.28	44.63
125.0	141.62	33.28	44.63
130.0	141.62	33.28	44.63
135.0	141.62	33.28	44.63
140.0	141.62	33.28	44.63
145.0	141.62	33.28	44.63
150.0	141.62	33.28	44.63
155.0	141.62	33.28	44.63
160.0	141.62	33.28	44.63
165.0	141.62	33.28	44.63
170.0	141.62	33.28	44.63
175.0	141.62	33.28	44.63
180.0	141.62	33.28	44.63
185.0	141.62	33.28	44.63
190.0	141.62	33.28	44.63
195.0	141.62	33.28	44.63
200.0	141.62	33.28	44.63
205.0	141.62	33.28	44.63
210.0	141.62	33.28	44.63
215.0	141.62	33.28	44.63
220.0	141.62	33.28	44.63
225.0	141.62	33.28	44.63
230.0	141.62	33.28	44.63
235.0	141.62	33.28	44.63
240.0	141.62	33.28	44.63
245.0	141.62	33.28	44.63
250.0	141.62	33.28	44.63
255.0	141.62	33.28	44.63
260.0	141.62	33.28	44.63
265.0	141.62	33.28	44.63
270.0	141.62	33.28	44.63
275.0	141.62	33.28	44.63
280.0	141.62	33.28	44.63
285.0	141.62	33.28	44.63

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## Exhibit E-14 - Daytime Allocation Contour Distances

290.0	141.62	33.28	44.63
295.0	141.62	33.28	44.63
300.0	141.62	33.28	44.63
305.0	141.62	33.28	44.63
310.0	141.62	33.28	44.63
315.0	141.62	33.28	44.63
320.0	141.62	33.28	44.63
325.0	141.62	33.28	44.63
330.0	141.62	33.28	44.63
335.0	141.62	33.28	44.63
340.0	141.62	33.28	44.63
345.0	141.62	33.28	44.63
350.0	141.62	33.28	44.63
355.0	141.62	33.28	44.63

BROWNSVILLE, TN

Call: WNWS

Coordinates: N 35 36 30 W 89 14 40

Frequency: 1520 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 5.000
-----	-----	-----
0.0	152.89	8.03
5.0	152.89	8.03
10.0	152.89	8.03
15.0	152.89	8.03
20.0	152.89	8.03
25.0	152.89	8.03
30.0	152.89	8.03
35.0	152.89	8.03
40.0	152.89	8.03
45.0	152.89	8.03
50.0	152.89	8.03
55.0	152.89	8.03
60.0	152.89	8.03
65.0	152.89	8.03
70.0	152.89	8.03
75.0	152.89	8.03
80.0	152.89	8.03
85.0	152.89	8.03
90.0	152.89	8.03
95.0	152.89	8.03
100.0	152.89	8.03
105.0	152.89	8.03
110.0	152.89	8.03
115.0	152.89	8.03
120.0	152.89	8.03
125.0	152.89	8.03
130.0	152.89	8.03
135.0	152.89	8.03
140.0	152.89	8.03
145.0	152.89	8.03
150.0	152.89	8.03
155.0	152.89	8.03
160.0	152.89	8.03
165.0	152.89	8.03
170.0	152.89	8.03
175.0	152.89	8.03
180.0	152.89	8.03
185.0	152.89	8.03
190.0	152.89	8.03
195.0	152.89	8.03
200.0	152.89	8.03
205.0	152.89	8.03
210.0	152.89	8.03

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## Exhibit E-14 - Daytime Allocation Contour Distances

215.0	152.89	8.09
220.0	152.89	8.45
225.0	152.89	8.72
230.0	152.89	8.94
235.0	152.89	9.11
240.0	152.89	9.23
245.0	152.89	9.34
250.0	152.89	9.41
255.0	152.89	9.46
260.0	152.89	9.48
265.0	152.89	9.49
270.0	152.89	9.47
275.0	152.89	9.43
280.0	152.89	9.36
285.0	152.89	9.27
290.0	152.89	9.14
295.0	152.89	8.98
300.0	152.89	8.77
305.0	152.89	8.49
310.0	152.89	8.14

315.0	152.89	8.03
320.0	152.89	8.03
325.0	152.89	8.03
330.0	152.89	8.03
335.0	152.89	8.03
340.0	152.89	8.03
345.0	152.89	8.03
350.0	152.89	8.03
355.0	152.89	8.03

CORYDON, IN

Call: WOCC

Coordinates: N 38 11 26 W 86 8 0

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	141.62	22.74	33.02
5.0	141.62	22.74	32.98
10.0	141.62	22.74	32.87
15.0	141.62	22.74	32.78
20.0	141.62	22.74	32.70
25.0	141.62	22.74	32.54
30.0	141.62	22.74	32.29
35.0	141.62	22.74	31.99
40.0	141.62	22.74	31.89
45.0	141.62	22.74	31.70
50.0	141.62	22.74	31.42
55.0	141.62	22.74	31.05
60.0	141.62	22.74	31.00
65.0	141.62	22.74	31.00
70.0	141.62	22.74	31.00
75.0	141.62	22.74	31.00
80.0	141.62	22.74	31.00
85.0	141.62	22.74	31.00
90.0	141.62	22.74	31.00
95.0	141.62	22.74	31.00
100.0	141.62	22.74	31.00
105.0	141.62	22.74	31.00
110.0	141.62	22.74	31.00
115.0	141.62	22.74	31.00
120.0	141.62	22.74	31.00

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## Exhibit E-14 - Daytime Allocation Contour Distances

125.0	141.62	22.74	31.00
130.0	141.62	22.74	31.00
135.0	141.62	22.74	31.00
140.0	141.62	22.74	31.00
145.0	141.62	22.74	31.00
150.0	141.62	22.74	31.00
155.0	141.62	22.74	31.00
160.0	141.62	22.74	31.00
165.0	141.62	22.74	31.00
170.0	141.62	22.74	31.00
175.0	141.62	22.74	31.00
180.0	141.62	22.74	31.00
185.0	141.62	22.74	31.00
190.0	141.62	22.74	31.00
195.0	141.62	22.74	31.00
200.0	141.62	22.74	31.00
205.0	141.62	22.74	31.00
210.0	141.62	22.74	31.00
215.0	141.62	22.74	31.00
220.0	141.62	22.74	31.00
225.0	141.62	22.74	31.00
230.0	141.62	22.74	31.00
235.0	141.62	22.74	31.00
240.0	141.62	22.74	31.00
245.0	141.62	22.74	31.00
250.0	141.62	22.74	31.00
255.0	141.62	22.74	31.00
260.0	141.62	22.74	31.00
265.0	141.62	22.74	31.00
270.0	141.62	22.74	31.42
275.0	141.62	22.74	31.93
280.0	141.62	22.74	32.46
285.0	141.62	22.74	32.88
290.0	141.62	22.74	33.20
295.0	141.62	22.74	33.44
300.0	141.62	22.74	33.59
305.0	141.62	22.74	33.67
310.0	141.62	22.74	33.68
315.0	141.62	22.74	33.67
320.0	141.62	22.74	33.82
325.0	141.62	22.74	33.89
330.0	141.62	22.74	33.89
335.0	141.62	22.74	33.82
340.0	141.62	22.74	33.68
345.0	141.62	22.74	33.46
350.0	141.62	22.74	33.16
355.0	141.62	22.74	32.98

PADUCAH, KY

Call: WPAD

Coordinates: N 37 3 8 W 88 36 3

Frequency: 1560 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 5.000
-----	-----	-----
0.0	1175.01	30.73
5.0	1061.99	29.42
10.0	946.04	27.98
15.0	846.79	26.65
20.0	737.26	25.07
25.0	633.53	23.43
30.0	547.18	21.92
35.0	443.39	19.88
40.0	340.17	17.51
45.0	304.54	16.58

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### Exhibit E-14 - Daytime Allocation Contour Distances

50.0	290.73	16.20
55.0	300.57	16.47
60.0	316.75	16.91
65.0	330.61	17.27
70.0	337.97	17.46
75.0	337.13	17.43
80.0	328.26	17.21
85.0	313.52	16.82
90.0	297.64	16.39
95.0	293.38	16.28
100.0	324.55	17.11
105.0	381.67	18.51
110.0	450.90	20.04
115.0	528.06	21.56
120.0	616.58	23.14
125.0	723.73	24.87
130.0	877.09	27.07
135.0	990.42	28.54
140.0	1090.97	29.76
145.0	1196.19	30.96
150.0	1293.09	32.01
155.0	1372.32	31.05
160.0	1430.89	28.42
165.0	1466.78	26.98
170.0	1479.11	26.11
175.0	1468.15	25.44
180.0	1435.27	24.81
185.0	1382.86	24.15
190.0	1314.10	23.44
195.0	1232.77	22.67
200.0	1142.95	21.84
205.0	1048.81	20.97
210.0	954.38	20.08
215.0	863.37	19.19
220.0	779.00	18.33
225.0	703.92	17.53
230.0	640.09	16.81
235.0	588.81	16.21
240.0	550.69	15.75
245.0	526.39	15.45
250.0	515.88	15.34
255.0	517.00	15.38
260.0	530.08	15.59
265.0	557.25	15.98
270.0	598.02	16.57
275.0	651.89	17.33
280.0	718.09	18.24
285.0	795.21	19.30
290.0	881.13	20.51
295.0	973.10	21.95
300.0	1067.78	23.77
305.0	1161.39	30.57
310.0	1249.85	31.55
315.0	1328.99	32.39
320.0	1394.76	33.06
325.0	1443.49	33.55
330.0	1472.15	33.83
335.0	1478.53	33.90
340.0	1461.47	33.73
345.0	1420.94	33.33
350.0	1358.05	32.69
355.0	1275.01	31.82

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## Exhibit E-14 - Daytime Allocation Contour Distances

PADUCAH ,KY

Call: WPAD

Coordinates: N 37 3 8 W 88 36 3

Frequency: 1560 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :
		Contour levels in mV/m. 5.000
0.0	305.72	16.62
5.0	305.72	16.62
10.0	305.72	16.62
15.0	305.72	16.62
20.0	305.72	16.62
25.0	305.72	16.62
30.0	305.72	16.62
35.0	305.72	16.62
40.0	305.72	16.62
45.0	305.72	16.62
50.0	305.72	16.62
55.0	305.72	16.62
60.0	305.72	16.62
65.0	305.72	16.62
70.0	305.72	16.62
75.0	305.72	16.62
80.0	305.72	16.62
85.0	305.72	16.62
90.0	305.72	16.62
95.0	305.72	16.62
100.0	305.72	16.62
105.0	305.72	16.62
110.0	305.72	16.62
115.0	305.72	16.62
120.0	305.72	16.62
125.0	305.72	16.62
130.0	305.72	16.62
135.0	305.72	16.62
140.0	305.72	16.62
145.0	305.72	16.62
150.0	305.72	16.62
155.0	305.72	16.62
160.0	305.72	16.62
165.0	305.72	15.20
170.0	305.72	14.25
175.0	305.72	13.66
180.0	305.72	13.26
185.0	305.72	12.97
190.0	305.72	12.77
195.0	305.72	12.61
200.0	305.72	12.49
205.0	305.72	12.40
210.0	305.72	12.33
215.0	305.72	12.28
220.0	305.72	12.24
225.0	305.72	12.21
230.0	305.72	12.19
235.0	305.72	12.18
240.0	305.72	12.18
245.0	305.72	12.19
250.0	305.72	12.21
255.0	305.72	12.24
260.0	305.72	12.28
265.0	305.72	12.33
270.0	305.72	12.43
275.0	305.72	12.58
280.0	305.72	12.77

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285.0	305.72	13.04
290.0	305.72	13.43
295.0	305.72	14.03
300.0	305.72	15.04
305.0	305.72	16.62
310.0	305.72	16.62
315.0	305.72	16.62
320.0	305.72	16.62
325.0	305.72	16.62
330.0	305.72	16.62
335.0	305.72	16.62
340.0	305.72	16.62
345.0	305.72	16.62
350.0	305.72	16.62
355.0	305.72	16.62

LITCHFIELD, IL

Call: WSMI

Coordinates: N 39 10 21 W 89 34 14

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	323.50	67.12	196.03
5.0	323.50	67.12	198.36
10.0	323.50	67.12	201.28
15.0	323.50	67.12	204.77
20.0	323.50	67.12	205.12
25.0	323.50	67.12	205.12
30.0	323.50	67.12	205.12
35.0	323.50	67.12	205.12
40.0	323.50	67.12	198.03
45.0	323.50	67.12	193.96
50.0	323.50	67.12	190.58
55.0	323.50	67.12	187.65
60.0	323.50	67.12	185.39
65.0	323.50	67.12	183.58
70.0	323.50	67.12	181.89
75.0	323.50	67.12	180.52
80.0	323.50	67.12	179.42
85.0	323.50	66.44	178.45
90.0	323.50	65.54	177.56
95.0	323.50	64.83	176.84
100.0	323.50	64.28	176.30
105.0	323.50	63.81	175.83
110.0	323.50	63.40	175.42
115.0	323.50	63.13	175.15
120.0	323.50	62.97	174.99
125.0	323.50	62.94	174.96
130.0	323.50	63.06	175.08
135.0	323.50	63.33	175.35
140.0	323.50	63.74	175.76
145.0	323.50	64.28	176.30
150.0	323.50	64.99	177.01
155.0	323.50	65.62	177.63
160.0	323.50	66.41	178.43
165.0	323.50	67.12	179.42
170.0	323.50	67.12	180.65
175.0	323.50	67.12	182.10
180.0	323.50	67.12	183.87
185.0	323.50	67.12	186.07
190.0	323.50	67.12	188.84
195.0	323.50	67.12	192.49
200.0	323.50	67.12	194.38

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205.0	323.50	67.12	195.05
210.0	323.50	67.12	194.74
215.0	323.50	67.12	194.50
220.0	323.50	67.12	194.25
225.0	323.50	67.12	194.16
230.0	323.50	67.12	193.88
235.0	323.50	67.12	193.37
240.0	323.50	67.12	192.41
245.0	323.50	67.12	191.11
250.0	323.50	67.12	189.56
255.0	323.50	67.12	188.01
260.0	323.50	67.12	186.71
265.0	323.50	67.12	185.57
270.0	323.50	67.12	184.63
275.0	323.50	67.12	183.89
280.0	323.50	67.12	183.36
285.0	323.50	67.12	182.99
290.0	323.50	67.12	182.79
295.0	323.50	67.12	183.79
300.0	323.50	67.12	185.84
305.0	323.50	67.12	187.55
310.0	323.50	67.12	188.73
315.0	323.50	67.12	189.02
320.0	323.50	67.12	188.09
325.0	323.50	67.12	185.00
330.0	323.50	67.12	185.97
335.0	323.50	67.12	187.21
340.0	323.50	67.12	188.81
345.0	323.50	67.12	190.61
350.0	323.50	67.12	192.37
355.0	323.50	67.12	194.13

RIPLEY ,TN

Call: WTRB

Coordinates: N 35 43 46 W 89 32 33

Frequency: 1570 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 25.000
0.0	283.24	6.28
5.0	283.24	6.28
10.0	283.24	6.28
15.0	283.24	6.28
20.0	283.24	6.28
25.0	283.24	6.28
30.0	283.24	6.28
35.0	283.24	6.28
40.0	283.24	6.28
45.0	283.24	6.28
50.0	283.24	6.28
55.0	283.24	6.28
60.0	283.24	6.28
65.0	283.24	6.28
70.0	283.24	6.28
75.0	283.24	6.28
80.0	283.24	6.28
85.0	283.24	6.28
90.0	283.24	6.28
95.0	283.24	6.28
100.0	283.24	6.28
105.0	283.24	6.28
110.0	283.24	6.28
115.0	283.24	6.28
120.0	283.24	6.28

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125.0	283.24	6.28
130.0	283.24	6.28
135.0	283.24	6.28
140.0	283.24	6.28
145.0	283.24	6.28
150.0	283.24	6.28
155.0	283.24	6.28
160.0	283.24	6.28
165.0	283.24	6.28
170.0	283.24	6.28
175.0	283.24	6.28
180.0	283.24	6.28
185.0	283.24	6.28
190.0	283.24	6.28
195.0	283.24	6.28
200.0	283.24	6.28
205.0	283.24	6.28
210.0	283.24	6.28
215.0	283.24	6.28
220.0	283.24	6.28
225.0	283.24	6.28
230.0	283.24	6.28
235.0	283.24	6.28
240.0	283.24	6.28
245.0	283.24	6.28
250.0	283.24	6.28
255.0	283.24	6.28
260.0	283.24	6.28
265.0	283.24	6.28
270.0	283.24	6.28
275.0	283.24	6.28
280.0	283.24	6.28
285.0	283.24	6.28
290.0	283.24	6.28
295.0	283.24	6.28
300.0	283.24	6.28
305.0	283.24	6.28
310.0	283.24	6.28
315.0	283.24	6.28
320.0	283.24	6.28
325.0	283.24	6.28
330.0	283.24	6.28
335.0	283.24	6.28
340.0	283.24	6.28
345.0	283.24	6.28
350.0	283.24	6.28
355.0	283.24	6.28

MORGANFIELD, KY

Call: WUCO

Coordinates: N 37 40 4 W 87 55 46

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m.	
		.500	.250
0.0	139.28	33.04	44.31
5.0	139.28	33.04	44.31
10.0	139.28	33.04	44.31
15.0	139.28	33.04	44.31
20.0	139.28	33.04	44.31
25.0	139.28	33.04	44.31
30.0	139.28	33.04	44.31
35.0	139.28	33.04	44.31
40.0	139.28	33.04	44.31
45.0	139.28	33.04	44.31
50.0	139.28	33.04	44.31

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55.0	139.28	33.04	44.31
60.0	139.28	33.04	44.31
65.0	139.28	33.04	44.31
70.0	139.28	33.04	44.31
75.0	139.28	33.04	44.31
80.0	139.28	33.04	44.31
85.0	139.28	33.04	44.31
90.0	139.28	33.04	44.31
95.0	139.28	33.04	44.31
100.0	139.28	33.04	44.31
105.0	139.28	33.04	44.31
110.0	139.28	33.04	44.31
115.0	139.28	33.04	44.31
120.0	139.28	33.04	44.31
125.0	139.28	33.04	44.31
130.0	139.28	33.04	44.31
135.0	139.28	33.04	44.31
140.0	139.28	33.04	44.31
145.0	139.28	33.04	44.31
150.0	139.28	33.04	44.31
155.0	139.28	33.04	44.31
160.0	139.28	33.04	44.31
165.0	139.28	33.04	44.31
170.0	139.28	33.04	44.31
175.0	139.28	33.04	44.31
180.0	139.28	33.04	44.31
185.0	139.28	33.04	44.31
190.0	139.28	33.04	44.31
195.0	139.28	33.04	44.31
200.0	139.28	33.04	44.31
205.0	139.28	33.04	44.31
210.0	139.28	33.04	44.31
215.0	139.28	33.04	44.31
220.0	139.28	33.04	44.31
225.0	139.28	33.04	44.31
230.0	139.28	33.04	44.31
235.0	139.28	33.04	44.31
240.0	139.28	33.04	44.31
245.0	139.28	33.04	44.31
250.0	139.28	33.04	44.31
255.0	139.28	33.04	44.31
260.0	139.28	33.04	44.31
265.0	139.28	33.04	44.31
270.0	139.28	33.04	44.31
275.0	139.28	33.04	44.31
280.0	139.28	33.04	44.31
285.0	139.28	33.04	44.31
290.0	139.28	33.04	44.31
295.0	139.28	33.04	44.31
300.0	139.28	33.04	44.31
305.0	139.28	33.04	44.31
310.0	139.28	33.04	44.31
315.0	139.28	33.04	44.31
320.0	139.28	33.04	44.31
325.0	139.28	33.04	44.31
330.0	139.28	33.04	44.31
335.0	139.28	33.04	44.31
340.0	139.28	33.04	44.31
345.0	139.28	33.04	44.31
350.0	139.28	33.04	44.31
355.0	139.28	33.04	44.31

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## Exhibit E-14 - Daytime Allocation Contour Distances

HUNTINGDON, TN

Call: WWDX

Coordinates: N 36 0 4 W 88 26 2

Frequency: 1530 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	305.78	32.09	43.87
5.0	305.78	32.09	43.87
10.0	305.78	32.09	43.87
15.0	305.78	32.09	43.87
20.0	305.78	32.09	43.87
25.0	305.78	32.09	43.87
30.0	305.78	32.09	43.87
35.0	305.78	32.09	43.87
40.0	305.78	32.09	43.87
45.0	305.78	32.09	43.87
50.0	305.78	32.09	43.87
55.0	305.78	32.09	43.87
60.0	305.78	32.09	43.87
65.0	305.78	32.09	43.87
70.0	305.78	32.09	43.87
75.0	305.78	32.09	43.87
80.0	305.78	32.09	43.87
85.0	305.78	32.09	43.87
90.0	305.78	32.09	43.87
95.0	305.78	32.09	43.87
100.0	305.78	32.09	43.87
105.0	305.78	32.09	43.87
110.0	305.78	32.09	43.87
115.0	305.78	32.09	43.87
120.0	305.78	32.09	43.87
125.0	305.78	32.09	43.87
130.0	305.78	32.09	43.87
135.0	305.78	32.09	43.87
140.0	305.78	32.09	43.87
145.0	305.78	32.09	43.87
150.0	305.78	32.09	43.87
155.0	305.78	32.09	43.87
160.0	305.78	32.09	43.87
165.0	305.78	32.09	43.87
170.0	305.78	32.09	43.87
175.0	305.78	32.09	43.87
180.0	305.78	32.09	43.87
185.0	305.78	32.09	43.87
190.0	305.78	32.09	43.87
195.0	305.78	32.09	43.87
200.0	305.78	32.09	43.87
205.0	305.78	32.09	43.87
210.0	305.78	32.09	43.87
215.0	305.78	32.09	43.87
220.0	305.78	32.09	43.87
225.0	305.78	32.09	43.87
230.0	305.78	32.09	43.87
235.0	305.78	32.09	43.87
240.0	305.78	32.09	43.87
245.0	305.78	32.09	43.87
250.0	305.78	32.09	43.87
255.0	305.78	32.09	43.87
260.0	305.78	32.09	43.87
265.0	305.78	32.09	43.87
270.0	305.78	32.09	43.87
275.0	305.78	32.09	43.87
280.0	305.78	32.09	43.87
285.0	305.78	32.09	43.87

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### Exhibit E-14 - Daytime Allocation Contour Distances

290.0	305.78	32.09	43.87
295.0	305.78	32.09	43.87
300.0	305.78	32.09	43.87
305.0	305.78	32.09	43.87
310.0	305.78	32.09	43.87
315.0	305.78	32.09	43.87
320.0	305.78	32.09	43.87
325.0	305.78	32.09	43.87
330.0	305.78	32.09	43.87
335.0	305.78	32.09	43.87
340.0	305.78	32.09	43.87
345.0	305.78	32.09	43.87
350.0	305.78	32.09	43.87
355.0	305.78	32.09	43.87

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

KENNETT, MO

Call: KBOA.XCH

Coordinates: N 36 13 29 W 90 4 32

Frequency: 1540 kHz Number of contours: 5

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		.025	.500	.250	5.000	25.000
0.0	208.84	135.56	39.24	52.60	13.67	5.08
5.0	208.84	135.56	39.24	52.60	13.67	5.08
10.0	208.84	135.56	39.24	52.60	13.67	5.08
15.0	208.84	135.56	39.24	52.60	13.67	5.08
20.0	208.84	135.56	39.24	52.60	13.67	5.08
25.0	208.84	135.56	39.24	52.60	13.67	5.08
30.0	208.84	135.56	39.24	52.60	13.67	5.08
35.0	208.84	135.56	39.24	52.60	13.67	5.08
40.0	208.84	135.56	39.24	52.60	13.67	5.08
45.0	208.84	133.06	39.24	52.60	13.67	5.08
50.0	208.84	129.93	39.24	52.60	13.67	5.08
55.0	208.84	127.50	39.24	52.60	13.67	5.08
60.0	208.84	125.68	39.24	52.60	13.67	5.08
65.0	208.84	124.43	39.24	52.60	13.67	5.08
70.0	208.84	123.42	39.24	52.60	13.67	5.08
75.0	208.84	122.64	39.24	52.60	13.67	5.08
80.0	208.84	122.04	39.24	52.60	13.67	5.08
85.0	208.84	121.60	39.24	52.60	13.67	5.08
90.0	208.84	121.30	39.24	52.60	13.67	5.08
95.0	208.84	121.24	39.24	52.60	13.67	5.08
100.0	208.84	121.34	39.24	52.60	13.67	5.08
105.0	208.84	121.58	39.24	52.60	13.67	5.08
110.0	208.84	121.95	39.24	52.60	13.67	5.08
115.0	208.84	122.47	39.24	52.60	13.67	5.08
120.0	208.84	123.17	39.24	52.60	13.67	5.08
125.0	208.84	124.35	39.24	52.60	13.67	5.08
130.0	208.84	126.03	39.24	52.60	13.67	5.08
135.0	208.84	128.18	39.24	52.60	13.67	5.08
140.0	208.84	131.06	39.24	52.60	13.67	5.08
145.0	208.84	135.56	39.24	52.60	13.67	5.08
150.0	208.84	135.56	39.24	52.60	13.67	5.08
155.0	208.84	135.56	39.24	52.60	13.67	5.08
160.0	208.84	135.56	39.24	52.60	13.67	5.08
165.0	208.84	135.56	39.24	52.60	13.67	5.08
170.0	208.84	135.56	39.24	52.60	13.67	5.08
175.0	208.84	135.56	39.24	52.60	13.67	5.08
180.0	208.84	135.56	39.24	52.60	13.67	5.08
185.0	208.84	135.56	39.24	52.60	13.67	5.08
190.0	208.84	135.56	39.24	52.60	13.67	5.08
195.0	208.84	135.56	39.24	52.60	13.67	5.08
200.0	208.84	135.56	39.24	52.60	13.67	5.08
205.0	208.84	135.56	39.24	52.60	13.67	5.08
210.0	208.84	135.56	39.24	52.60	13.67	5.08
215.0	208.84	135.56	39.24	52.60	13.67	5.08
220.0	208.84	135.56	39.24	52.60	13.67	5.08
225.0	208.84	135.56	39.24	52.60	13.67	5.08
230.0	208.84	135.56	39.24	52.60	13.67	5.08
235.0	208.84	135.56	39.24	52.60	13.67	5.08
240.0	208.84	135.56	39.24	52.60	13.67	5.08
245.0	208.84	135.56	39.24	52.60	13.67	5.08
250.0	208.84	135.56	39.24	52.60	13.67	5.08
255.0	208.84	135.56	39.24	52.60	13.67	5.08
260.0	208.84	135.56	39.24	52.60	13.67	5.08
265.0	208.84	135.56	39.24	52.60	13.67	5.08
270.0	208.84	135.56	39.24	52.60	13.67	5.08
275.0	208.84	135.56	39.24	52.60	13.67	5.08
280.0	208.84	135.56	39.24	52.60	13.67	5.08

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

285.0	208.84	135.56	39.24	52.60	13.67	5.08
290.0	208.84	135.56	39.24	52.60	13.67	5.08
295.0	208.84	135.56	39.24	52.60	13.67	5.08
300.0	208.84	135.56	39.24	52.60	13.67	5.08
305.0	208.84	135.56	39.24	52.60	13.67	5.08
310.0	208.84	135.56	39.24	52.60	13.67	5.08
315.0	208.84	135.56	39.24	52.60	13.67	5.08
320.0	208.84	135.56	39.24	52.60	13.67	5.08
325.0	208.84	135.56	39.24	52.60	13.67	5.08
330.0	208.84	135.56	39.24	52.60	13.67	5.08
335.0	208.84	135.56	39.24	52.60	13.67	5.08
340.0	208.84	135.56	39.24	52.60	13.67	5.08
345.0	208.84	135.56	39.24	52.60	13.67	5.08
350.0	208.84	135.56	39.24	52.60	13.67	5.08
355.0	208.84	135.56	39.24	52.60	13.67	5.08

CAPE GIRARDEAU, MO

Call: KAPE

Coordinates: N 37 16 46 W 89 33 35

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	584.79	60.67	81.33
5.0	545.60	58.91	78.99
10.0	507.22	57.11	76.61
15.0	468.85	55.24	74.11
20.0	429.69	53.23	71.43
25.0	390.50	51.12	68.59
30.0	352.87	48.97	65.71
35.0	317.55	46.84	62.83
40.0	285.58	44.78	60.07
45.0	258.20	42.92	57.55
50.0	236.57	41.36	55.45
55.0	218.21	39.97	53.58
60.0	199.79	38.51	51.62
65.0	181.83	37.01	49.60
70.0	166.00	35.60	47.73
75.0	154.77	34.56	46.33
80.0	150.43	34.15	45.78
85.0	150.19	34.12	45.75
90.0	150.17	34.12	45.75
95.0	150.19	34.12	45.75
100.0	150.43	34.15	45.78
105.0	154.05	34.49	46.24
110.0	163.20	35.35	47.38
115.0	175.83	36.48	48.90
120.0	189.89	37.69	50.52
125.0	209.21	39.27	52.23
130.0	223.00	40.34	53.64
135.0	248.30	42.21	56.15
140.0	278.33	44.30	59.06
145.0	311.28	46.44	62.24
150.0	346.01	48.57	65.16
155.0	381.07	50.59	67.88
160.0	416.25	52.52	70.47
165.0	453.10	54.44	73.05
170.0	492.85	56.42	75.69
175.0	535.88	58.46	78.40
180.0	580.28	60.47	81.07
185.0	624.14	62.37	83.57
190.0	667.02	64.15	85.92
195.0	708.50	65.82	88.10
200.0	748.22	67.36	90.11

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

205.0	785.89	68.77	91.96
210.0	821.24	70.07	93.65
215.0	854.05	71.24	95.17
220.0	884.18	72.29	96.53
225.0	911.51	73.23	97.74
230.0	935.95	74.05	98.80
235.0	958.80	74.81	99.79
240.0	981.05	75.53	100.72
245.0	1002.04	76.21	101.58
250.0	1020.93	76.81	102.35
255.0	1036.82	77.31	103.00
260.0	1048.87	77.69	103.48
265.0	1056.39	77.92	103.78
270.0	1058.95	78.00	103.88
275.0	1056.39	77.92	103.78
280.0	1048.87	77.69	103.48
285.0	1036.82	77.31	103.00
290.0	1020.93	76.81	102.35
295.0	1002.04	76.21	101.58
300.0	981.05	75.53	100.72
305.0	958.80	74.81	99.79
310.0	935.95	74.05	98.80
315.0	911.51	73.23	97.74
320.0	884.18	72.29	96.53
325.0	854.05	71.24	95.17
330.0	821.24	70.07	93.65
335.0	785.89	68.77	91.96
340.0	748.22	67.36	90.11
345.0	708.50	65.82	88.10
350.0	667.02	64.15	85.92
355.0	625.27	62.42	83.63

OZARK ,AR

Call: KDYN

Coordinates: N 35 29 16 W 93 48 43

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	209.39	39.28	135.70
5.0	209.39	39.28	135.70
10.0	209.39	39.28	135.70
15.0	209.39	39.28	135.70
20.0	209.39	39.28	135.70
25.0	209.39	39.28	135.70
30.0	209.39	39.28	135.70
35.0	209.39	39.28	135.70
40.0	209.39	39.28	135.70
45.0	209.39	39.28	135.70
50.0	209.39	39.28	135.70
55.0	209.39	39.28	135.70
60.0	209.39	39.28	135.70
65.0	209.39	39.28	135.70
70.0	209.39	39.28	135.70
75.0	209.39	39.28	135.70
80.0	209.39	39.28	135.70
85.0	209.39	39.28	135.70
90.0	209.39	39.28	135.70
95.0	209.39	39.28	135.70
100.0	209.39	39.28	135.70
105.0	209.39	39.28	135.70
110.0	209.39	50.49	125.15
115.0	209.39	50.64	125.30
120.0	209.39	50.78	125.44

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

125.0	209.39	51.02	125.68
130.0	209.39	51.39	126.05
135.0	209.39	51.93	126.59
140.0	209.39	52.66	127.32
145.0	209.39	53.60	128.26
150.0	209.39	54.81	129.47
155.0	209.39	55.89	130.85
160.0	209.39	55.92	132.46
165.0	209.39	55.93	134.47
170.0	209.39	55.95	137.00
175.0	209.39	55.96	140.21
180.0	209.39	55.96	144.28
185.0	209.39	55.96	149.19
190.0	209.39	55.96	155.81
195.0	209.39	55.95	170.71
200.0	209.39	55.94	173.53
205.0	209.39	55.93	174.88
210.0	209.39	55.90	176.59
215.0	209.39	55.87	177.27
220.0	209.39	55.84	177.23
225.0	209.39	55.78	177.18
230.0	209.39	55.71	177.11
235.0	209.39	55.62	177.02
240.0	209.39	55.48	176.88
245.0	209.39	55.27	176.67
250.0	209.39	54.93	176.33
255.0	209.39	54.20	175.60
260.0	209.39	47.54	157.01
265.0	209.39	39.37	143.25
270.0	209.39	39.28	140.58
275.0	209.39	39.28	138.44
280.0	209.39	39.28	136.99
285.0	209.39	39.28	135.98
290.0	209.39	39.28	135.70
295.0	209.39	39.28	135.70
300.0	209.39	39.28	135.70
305.0	209.39	39.28	135.70
310.0	209.39	39.28	135.70
315.0	209.39	39.28	135.70
320.0	209.39	39.28	135.70
325.0	209.39	39.28	135.70
330.0	209.39	39.28	135.70
335.0	209.39	39.28	135.70
340.0	209.39	39.28	135.70
345.0	209.39	39.28	135.70
350.0	209.39	39.28	135.70
355.0	209.39	39.28	135.70

SPRINGFIELD, MO

Call: KLFJ

Coordinates: N 37 11 45 W 93 19 7

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m. .500	.250
0.0	673.06	64.40	86.24
5.0	673.06	64.40	86.24
10.0	673.06	64.40	86.24
15.0	673.06	64.40	86.24
20.0	673.06	64.40	86.24
25.0	673.06	64.40	86.24
30.0	673.06	64.40	86.24
35.0	673.06	64.40	86.24
40.0	673.06	64.40	86.24
45.0	673.06	64.40	86.24

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### Exhibit E-15 - Critical Hours Allocation Contour Distances

50.0	673.06	64.40	86.24
55.0	673.06	64.40	86.24
60.0	673.06	64.40	86.24
65.0	673.06	64.40	86.24
70.0	673.06	64.40	86.24
75.0	673.06	64.40	86.24
80.0	673.06	64.40	86.24
85.0	673.06	64.40	86.24
90.0	673.06	64.40	86.24
95.0	673.06	64.40	86.24
100.0	673.06	64.40	86.24
105.0	673.06	64.40	86.24
110.0	673.06	64.40	86.24
115.0	673.06	64.40	86.24
120.0	673.06	64.40	86.24
125.0	673.06	64.40	86.24
130.0	673.06	64.40	86.24
135.0	673.06	64.40	86.24
140.0	673.06	64.40	86.24
145.0	673.06	64.40	86.24
150.0	673.06	64.40	86.24
155.0	673.06	64.40	86.24
160.0	673.06	64.40	86.24
165.0	673.06	64.40	86.24
170.0	673.06	64.40	86.24
175.0	673.06	64.40	86.24
180.0	673.06	64.40	86.24
185.0	673.06	64.40	86.24
190.0	673.06	64.40	86.24
195.0	673.06	64.40	86.24
200.0	673.06	64.40	86.24
205.0	673.06	64.40	86.24
210.0	673.06	64.40	86.24
215.0	673.06	64.40	86.24
220.0	673.06	64.40	86.24
225.0	673.06	64.40	86.24
230.0	673.06	64.40	86.24
235.0	673.06	64.40	86.24
240.0	673.06	64.40	86.24
245.0	673.06	64.40	86.24
250.0	673.06	64.40	86.24
255.0	673.06	64.40	86.24
260.0	673.06	64.40	86.24
265.0	673.06	64.40	86.24
270.0	673.06	64.40	86.24
275.0	673.06	64.40	86.24
280.0	673.06	64.40	87.89
285.0	673.06	64.40	89.59
290.0	673.06	64.40	90.00
295.0	673.06	64.40	90.26
300.0	673.06	64.40	90.36
305.0	673.06	64.40	90.32
310.0	673.06	64.40	90.12
315.0	673.06	64.40	89.76
320.0	673.06	64.40	89.25
325.0	673.06	64.40	88.54
330.0	673.06	64.40	87.68
335.0	673.06	64.40	86.69
340.0	673.06	64.40	86.24
345.0	673.06	64.40	86.24
350.0	673.06	64.40	86.24
355.0	673.06	64.40	86.24

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

PARSONS ,KS

Call: KLKC

Coordinates: N 37 20 35 W 95 13 55

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	171.40	51.77	165.75
5.0	171.40	51.77	165.75
10.0	171.40	51.77	165.75
15.0	171.40	51.77	165.75
20.0	171.40	51.77	165.75
25.0	171.40	51.77	165.75
30.0	171.40	51.77	165.75
35.0	171.40	51.77	165.75
40.0	171.40	51.77	165.75
45.0	171.40	51.77	165.75
50.0	171.40	51.77	165.75
55.0	171.40	51.77	165.75
60.0	171.40	51.77	165.75
65.0	171.40	51.77	162.41
70.0	171.40	51.77	159.32
75.0	171.40	51.77	157.03
80.0	171.40	51.77	155.19
85.0	171.40	51.77	153.71
90.0	171.40	51.77	152.45
95.0	171.40	51.77	148.68
100.0	171.40	51.77	146.05
105.0	171.40	51.77	144.85
110.0	171.40	51.77	144.16
115.0	171.40	51.77	143.76
120.0	171.40	51.77	143.69
125.0	171.40	51.77	144.08
130.0	171.40	51.77	144.64
135.0	171.40	51.77	145.41
140.0	171.40	51.77	146.37
145.0	171.40	51.77	147.57
150.0	171.40	51.77	148.22
155.0	171.40	51.77	149.00
160.0	171.40	51.77	149.58
165.0	171.40	51.77	150.34
170.0	171.40	51.77	151.65
175.0	171.40	51.77	153.53
180.0	171.40	51.77	158.47
185.0	171.40	51.77	165.75
190.0	171.40	51.77	165.75
195.0	171.40	51.77	165.75
200.0	171.40	58.13	172.11
205.0	171.40	63.07	180.95
210.0	171.40	64.78	182.87
215.0	171.40	66.07	185.51
220.0	171.40	67.06	188.16
225.0	171.40	67.83	191.26
230.0	171.40	68.42	195.18
235.0	171.40	68.85	212.30
240.0	171.40	69.18	220.26
245.0	171.40	69.40	220.49
250.0	171.40	69.54	220.62
255.0	171.40	69.60	220.68
260.0	171.40	69.57	220.65
265.0	171.40	69.47	220.55
270.0	171.40	69.28	220.36
275.0	171.40	69.00	220.08

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

280.0	171.40	68.60	219.69
285.0	171.40	68.08	219.16
290.0	171.40	67.40	218.48
295.0	171.40	66.73	217.81
300.0	171.40	65.88	216.96
305.0	171.40	64.79	215.88
310.0	171.40	63.39	214.47
315.0	171.40	61.51	212.59
320.0	171.40	59.02	210.11
325.0	171.40	55.64	206.73
330.0	171.40	51.77	202.42
335.0	171.40	51.77	197.05
340.0	171.40	51.77	189.75
345.0	171.40	51.77	179.65
350.0	171.40	51.77	166.03
355.0	171.40	51.77	165.75

SIKESTON, MO

Call: KRHW

Coordinates: N 36 49 25 W 89 35 45

Frequency: 1520 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		5.000	
0.0	1791.92	36.78	
5.0	1736.00	36.29	
10.0	1634.81	35.37	
15.0	1494.67	34.05	
20.0	1323.75	32.33	
25.0	1131.49	30.23	
30.0	928.03	27.75	
35.0	724.01	24.87	
40.0	533.06	21.66	
45.0	388.87	18.68	
50.0	308.46	16.69	
55.0	290.85	16.21	
60.0	333.00	17.33	
65.0	406.94	19.09	
70.0	468.86	20.41	
75.0	513.10	21.28	
80.0	535.46	21.70	
85.0	534.15	21.68	
90.0	510.52	21.23	
95.0	467.81	20.39	
100.0	409.11	19.14	
105.0	337.96	17.45	
110.0	261.22	15.35	
115.0	191.55	13.06	
120.0	150.71	11.45	
125.0	157.68	11.74	
130.0	192.71	13.10	
135.0	229.58	14.37	
140.0	254.56	15.15	
145.0	259.87	15.31	
150.0	251.16	15.05	
155.0	227.02	14.28	
160.0	175.51	12.45	
165.0	110.88	9.59	
170.0	81.09	7.92	
175.0	92.92	8.62	
180.0	125.77	10.33	
185.0	160.59	11.86	
190.0	192.86	13.10	
195.0	206.00	13.57	
200.0	198.39	13.30	
205.0	178.71	12.58	

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

210.0	147.64	11.32
215.0	105.02	9.29
220.0	72.47	7.38
225.0	51.56	5.89
230.0	45.17	5.37
235.0	47.54	5.57
240.0	50.51	5.80
245.0	53.60	6.05
250.0	62.30	6.69
255.0	80.89	7.91
260.0	111.06	9.60
265.0	146.55	11.27
270.0	173.40	12.37
275.0	187.88	12.92
280.0	192.97	13.11
285.0	187.28	12.90
290.0	170.43	12.25
295.0	158.16	11.76
300.0	193.58	13.13
305.0	296.87	16.37
310.0	439.94	19.81
315.0	607.59	22.99
320.0	791.87	25.88
325.0	985.68	28.48
330.0	1180.65	30.79
335.0	1366.73	32.78
340.0	1532.51	34.42
345.0	1665.10	35.65
350.0	1755.69	36.46
355.0	1798.75	36.84

ENGLAND ,AR

Call: KVDW

Coordinates: N 34 32 45 W 91 59 4

Frequency: 1530 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	156.86	23.80	32.46
5.0	156.86	23.80	32.46
10.0	156.86	23.80	32.46
15.0	156.86	23.80	32.46
20.0	156.86	23.80	32.46
25.0	156.86	23.80	32.46
30.0	156.86	23.80	32.46
35.0	156.86	23.80	32.46
40.0	156.86	23.80	32.46
45.0	156.86	23.80	32.46
50.0	156.86	23.80	32.46
55.0	156.86	23.80	32.46
60.0	156.86	23.80	32.46
65.0	156.86	23.80	32.46
70.0	156.86	23.80	32.46
75.0	156.86	23.80	32.46
80.0	156.86	23.80	32.46
85.0	156.86	23.80	32.46
90.0	156.86	23.80	32.46
95.0	156.86	23.80	32.46
100.0	156.86	23.80	32.46
105.0	156.86	23.80	32.46
110.0	156.86	23.80	32.46
115.0	156.86	23.80	32.46
120.0	156.86	23.80	32.46
125.0	156.86	23.80	32.46
130.0	156.86	23.80	32.46

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

135.0	156.86	23.80	32.46
140.0	156.86	23.80	32.46
145.0	156.86	23.80	32.46
150.0	156.86	23.80	32.46
155.0	156.86	23.80	32.46
160.0	156.86	23.80	32.46
165.0	156.86	23.80	32.46
170.0	156.86	23.80	32.46
175.0	156.86	23.80	32.46
180.0	156.86	23.80	32.46
185.0	156.86	23.80	32.46
190.0	156.86	23.80	32.46
195.0	156.86	23.80	32.46
200.0	156.86	23.80	32.46
205.0	156.86	23.80	32.46
210.0	156.86	23.80	32.46
215.0	156.86	23.80	32.46
220.0	156.86	23.80	32.46
225.0	156.86	23.80	32.46
230.0	156.86	23.80	32.46
235.0	156.86	23.80	32.46
240.0	156.86	23.80	32.46
245.0	156.86	23.80	32.46
250.0	156.86	23.80	32.46
255.0	156.86	23.80	32.46
260.0	156.86	23.80	32.46
265.0	156.86	23.80	32.46
270.0	156.86	23.80	32.46
275.0	156.86	23.80	32.46
280.0	156.86	23.80	32.46
285.0	156.86	23.80	32.46
290.0	156.86	23.80	32.46
295.0	156.86	23.80	32.46
300.0	156.86	23.80	32.46
305.0	156.86	23.80	32.46
310.0	156.86	23.80	32.46
315.0	156.86	23.80	32.46
320.0	156.86	23.80	32.46
325.0	156.86	23.80	32.46
330.0	156.86	23.80	32.46
335.0	156.86	23.80	32.46
340.0	156.86	23.80	32.46
345.0	156.86	23.80	32.46
350.0	156.86	23.80	32.46
355.0	156.86	23.80	32.46

BENTON, TN

Call: WBIN

Coordinates: N 35 10 50 W 84 38 34

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m.	
		.500	.025
0.0	199.40	20.22	78.24
5.0	199.40	20.17	78.18
10.0	199.40	20.13	78.15
15.0	199.40	20.10	78.12
20.0	199.40	20.08	78.10
25.0	199.40	20.07	78.08
30.0	199.40	20.06	78.08
35.0	199.40	20.06	78.08
40.0	199.40	20.07	78.08
45.0	199.40	20.08	78.09
50.0	199.40	20.10	78.11
55.0	199.40	20.12	78.14

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### Exhibit E-15 - Critical Hours Allocation Contour Distances

60.0	199.40	20.16	78.17
65.0	199.40	20.21	78.22
70.0	199.40	20.27	78.28
75.0	199.40	20.35	78.36
80.0	199.40	20.45	78.46
85.0	199.40	20.58	78.59
90.0	199.40	20.75	78.77
95.0	199.40	21.00	79.01
100.0	199.40	21.35	79.36
105.0	199.40	21.57	79.58
110.0	199.40	21.85	79.87
115.0	199.40	22.23	80.25
120.0	199.40	22.77	80.78
125.0	199.40	23.55	81.56
130.0	199.40	24.55	82.56
135.0	199.40	25.12	83.13
140.0	199.40	25.89	83.91
145.0	199.40	26.49	85.00
150.0	199.40	26.49	85.90
155.0	199.40	26.49	86.97
160.0	199.40	26.49	88.47
165.0	199.40	26.49	89.66
170.0	199.40	26.49	90.92
175.0	199.40	26.49	92.40
180.0	199.40	26.49	94.26
185.0	199.40	26.49	95.86
190.0	199.40	26.49	97.27
195.0	199.40	26.49	98.73
200.0	199.40	26.49	99.72
205.0	199.40	26.49	99.72
210.0	199.40	26.49	99.72
215.0	199.40	26.49	99.72
220.0	199.40	26.49	99.72
225.0	199.40	26.49	99.72
230.0	199.40	26.49	99.72
235.0	199.40	26.49	98.45
240.0	199.40	26.49	95.53
245.0	199.40	26.49	93.45
250.0	199.40	26.49	91.89
255.0	199.40	26.49	90.67
260.0	199.40	26.49	89.42
265.0	199.40	26.49	88.46
270.0	199.40	26.49	87.34
275.0	199.40	26.49	86.45
280.0	199.40	26.49	85.77
285.0	199.40	26.49	84.80
290.0	199.40	26.07	84.08
295.0	199.40	25.53	83.54
300.0	199.40	24.73	82.74
305.0	199.40	23.79	81.80
310.0	199.40	23.14	81.16
315.0	199.40	22.67	80.69
320.0	199.40	22.07	80.09
325.0	199.40	21.46	79.48
330.0	199.40	21.07	79.09
335.0	199.40	20.81	78.82
340.0	199.40	20.62	78.63
345.0	199.40	20.48	78.49
350.0	199.40	20.37	78.38
355.0	199.40	20.29	78.30

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

BOONVILLE, IN

Call: WBNL

Coordinates: N 38 3 58 W 87 16 27

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	159.32	34.99	122.19
5.0	159.32	34.99	122.19
10.0	159.32	34.99	122.19
15.0	159.32	34.99	122.19
20.0	159.32	34.99	122.19
25.0	159.32	34.99	122.19
30.0	159.32	34.99	122.19
35.0	159.32	34.99	122.19
40.0	159.32	34.99	122.19
45.0	159.32	34.99	122.19
50.0	159.32	34.99	122.19
55.0	159.32	34.99	122.19
60.0	159.32	34.99	122.19
65.0	159.32	34.99	122.19
70.0	159.32	34.99	114.62
75.0	159.32	34.99	112.26
80.0	159.32	34.99	110.78
85.0	159.32	34.99	109.99
90.0	159.32	34.99	109.39
95.0	159.32	34.99	108.93
100.0	159.32	34.99	108.61
105.0	159.32	34.99	108.42
110.0	159.32	34.99	108.38
115.0	159.32	34.99	108.47
120.0	159.32	34.99	108.67
125.0	159.32	34.99	108.99
130.0	159.32	34.99	109.45
135.0	159.32	34.99	109.91
140.0	159.32	34.99	110.40
145.0	159.32	34.99	111.06
150.0	159.32	34.99	111.92
155.0	159.32	34.99	112.99
160.0	159.32	34.99	114.34
165.0	159.32	34.99	115.75
170.0	159.32	34.99	117.38
175.0	159.32	34.99	119.42
180.0	159.32	34.99	121.21
185.0	159.32	34.99	122.19
190.0	159.32	34.99	122.19
195.0	159.32	34.99	122.19
200.0	159.32	34.99	122.19
205.0	159.32	34.99	122.19
210.0	159.32	34.99	122.19
215.0	159.32	34.99	122.19
220.0	159.32	34.99	122.19
225.0	159.32	34.99	122.19
230.0	159.32	34.99	122.19
235.0	159.32	34.99	122.19
240.0	159.32	34.99	122.19
245.0	159.32	34.99	122.19
250.0	159.32	34.99	122.19
255.0	159.32	34.99	122.19
260.0	159.32	34.99	122.19
265.0	159.32	34.99	122.19
270.0	159.32	34.99	122.19
275.0	159.32	34.99	122.19

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

280.0	159.32	34.99	122.19
285.0	159.32	34.99	122.19
290.0	159.32	34.99	122.19
295.0	159.32	34.99	122.19
300.0	159.32	34.99	122.19
305.0	159.32	34.99	122.19
310.0	159.32	34.99	122.19
315.0	159.32	34.99	122.19
320.0	159.32	34.99	122.19
325.0	159.32	34.99	122.19
330.0	159.32	34.99	122.19
335.0	159.32	34.99	122.19
340.0	159.32	34.99	122.19
345.0	159.32	34.99	122.19
350.0	159.32	34.99	122.19
355.0	159.32	34.99	122.19

BOLIVAR, TN

Call: WBOL

Coordinates: N 35 15 30 W 88 58 50

Frequency: 1560 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 5.000
0.0	153.69	8.05
5.0	153.69	8.05
10.0	153.69	8.05
15.0	153.69	8.05
20.0	153.69	8.05
25.0	153.69	8.05
30.0	153.69	8.05
35.0	153.69	8.05
40.0	153.69	8.05
45.0	153.69	8.05
50.0	153.69	8.05
55.0	153.69	8.05
60.0	153.69	8.05
65.0	153.69	8.05
70.0	153.69	8.05
75.0	153.69	8.05
80.0	153.69	8.05
85.0	153.69	8.05
90.0	153.69	8.05
95.0	153.69	8.05
100.0	153.69	8.05
105.0	153.69	8.05
110.0	153.69	8.05
115.0	153.69	8.05
120.0	153.69	8.05
125.0	153.69	8.05
130.0	153.69	8.05
135.0	153.69	8.05
140.0	153.69	8.05
145.0	153.69	8.05
150.0	153.69	8.05
155.0	153.69	8.05
160.0	153.69	8.05
165.0	153.69	8.05
170.0	153.69	8.05
175.0	153.69	8.05
180.0	153.69	8.05
185.0	153.69	8.05
190.0	153.69	8.05
195.0	153.69	8.05
200.0	153.69	8.05

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

205.0	153.69	8.05
210.0	153.69	8.05
215.0	153.69	8.05
220.0	153.69	8.05
225.0	153.69	8.05
230.0	153.69	8.05
235.0	153.69	8.05
240.0	153.69	8.05
245.0	153.69	8.05
250.0	153.69	8.05
255.0	153.69	8.05
260.0	153.69	8.05
265.0	153.69	8.05
270.0	153.69	8.05
275.0	153.69	8.05
280.0	153.69	8.05
285.0	153.69	8.05
290.0	153.69	8.05
295.0	153.69	8.05
300.0	153.69	8.05
305.0	153.69	8.05
310.0	153.69	8.05
315.0	153.69	8.05
320.0	153.69	8.05
325.0	153.69	8.05
330.0	153.69	8.05
335.0	153.69	8.05
340.0	153.69	8.05
345.0	153.69	8.05
350.0	153.69	8.05
355.0	153.69	8.05

WOODBURY, TN

Call: WBRY

Coordinates: N 35 49 53 W 86 6 42

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m.	
		.500	.025
0.0	213.94	27.34	102.64
5.0	213.94	27.34	102.64
10.0	213.94	27.34	102.64
15.0	213.94	27.34	102.64
20.0	213.94	27.34	102.64
25.0	213.94	27.34	102.64
30.0	213.94	27.34	102.64
35.0	213.94	27.34	102.64
40.0	213.94	27.34	102.64
45.0	213.94	27.34	102.64
50.0	213.94	27.34	102.64
55.0	213.94	27.34	102.64
60.0	213.94	27.34	102.64
65.0	213.94	27.34	102.64
70.0	213.94	27.34	102.64
75.0	213.94	27.34	102.64
80.0	213.94	27.34	102.36
85.0	213.94	27.34	99.95
90.0	213.94	27.34	98.10
95.0	213.94	27.34	96.50
100.0	213.94	27.34	95.17
105.0	213.94	27.34	94.14
110.0	213.94	27.34	93.38
115.0	213.94	27.34	92.91
120.0	213.94	27.34	92.55
125.0	213.94	27.34	92.29

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

130.0	213.94	27.34	92.12
135.0	213.94	27.34	92.04
140.0	213.94	27.34	92.04
145.0	213.94	27.34	92.13
150.0	213.94	27.34	92.30
155.0	213.94	27.34	92.56
160.0	213.94	27.34	92.93
165.0	213.94	27.34	93.41
170.0	213.94	27.34	94.03
175.0	213.94	27.34	94.82
180.0	213.94	27.34	95.95
185.0	213.94	27.34	97.46
190.0	213.94	27.34	99.41
195.0	213.94	27.34	102.00
200.0	213.94	27.34	102.64
205.0	213.94	27.34	102.64
210.0	213.94	27.34	102.64
215.0	213.94	27.34	102.64
220.0	213.94	27.34	102.64
225.0	213.94	27.34	102.64
230.0	213.94	27.34	102.64
235.0	213.94	27.34	102.64
240.0	213.94	27.34	102.64
245.0	213.94	27.34	102.64
250.0	213.94	27.34	102.64
255.0	213.94	27.34	102.64
260.0	213.94	27.34	102.64
265.0	213.94	27.34	102.64
270.0	213.94	27.34	102.64
275.0	213.94	27.34	102.64
280.0	213.94	27.34	102.64
285.0	213.94	27.34	102.64
290.0	213.94	27.34	102.64
295.0	213.94	27.34	102.64
300.0	213.94	27.34	102.64
305.0	213.94	27.34	102.64
310.0	213.94	27.34	102.64
315.0	213.94	27.34	102.64
320.0	213.94	27.34	102.64
325.0	213.94	27.34	102.64
330.0	213.94	27.34	102.64
335.0	213.94	27.34	102.64
340.0	213.94	27.34	102.64
345.0	213.94	27.34	102.64
350.0	213.94	27.34	102.64
355.0	213.94	27.34	102.64

GREENSBURG, KY

Call: WGRK

Coordinates: N 37 15 34 W 85 30 57

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m.	
		.500	.025
0.0	233.29	28.42	106.69
5.0	233.29	28.42	107.43
10.0	233.29	28.42	107.98
15.0	233.29	28.42	108.11
20.0	233.29	28.42	107.78
25.0	233.29	28.42	107.03
30.0	233.29	28.42	106.34
35.0	233.29	28.42	106.34
40.0	233.29	28.42	106.34
45.0	233.29	28.42	106.34
50.0	233.29	28.42	106.34

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### Exhibit E-15 - Critical Hours Allocation Contour Distances

55.0	233.29	28.42	106.34
60.0	233.29	28.42	106.63
65.0	233.29	28.42	108.40
70.0	233.29	28.42	109.86
75.0	233.29	28.42	111.39
80.0	233.29	28.42	112.70
85.0	233.29	28.42	113.77
90.0	233.29	28.42	100.06
95.0	233.29	28.42	99.54
100.0	233.29	28.42	99.14
105.0	233.29	28.42	98.89
110.0	233.29	28.42	98.85
115.0	233.29	28.42	98.91
120.0	233.29	28.42	99.08
125.0	233.29	28.42	99.36
130.0	233.29	28.42	99.92
135.0	233.29	28.42	100.66
140.0	233.29	28.42	101.60
145.0	233.29	28.42	102.76
150.0	233.29	28.42	104.44
155.0	233.29	28.42	106.34
160.0	233.29	28.42	106.34
165.0	233.29	28.42	106.34
170.0	233.29	28.42	106.34
175.0	233.29	28.42	106.34
180.0	233.29	28.42	106.34
185.0	233.29	28.42	106.34
190.0	233.29	28.42	106.34
195.0	233.29	28.42	106.34
200.0	233.29	28.42	106.34
205.0	233.29	28.42	106.34
210.0	233.29	28.42	106.34
215.0	233.29	28.42	106.34
220.0	233.29	28.42	106.34
225.0	233.29	28.42	106.34
230.0	233.29	28.42	106.34
235.0	233.29	28.42	106.34
240.0	233.29	28.42	106.34
245.0	233.29	28.42	106.34
250.0	233.29	28.42	106.34
255.0	233.29	28.42	106.34
260.0	233.29	28.42	106.34
265.0	233.29	28.42	106.34
270.0	233.29	28.42	106.34
275.0	233.29	28.42	106.34
280.0	233.29	28.42	106.34
285.0	233.29	28.42	106.34
290.0	233.29	28.42	106.34
295.0	233.29	28.42	106.34
300.0	233.29	28.42	106.34
305.0	233.29	28.42	106.34
310.0	233.29	28.42	106.34
315.0	233.29	28.42	106.34
320.0	233.29	28.42	106.34
325.0	233.29	28.42	106.34
330.0	233.29	28.42	106.34
335.0	233.29	28.42	106.34
340.0	233.29	28.42	106.34
345.0	233.29	28.42	106.34
350.0	233.29	28.42	106.34
355.0	233.29	28.42	106.34

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

JACKSONVILLE, IL

Call: WJIL

Coordinates: N 39 43 20 W 90 11 43

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	429.62	56.12	74.32
5.0	400.02	55.31	72.96
10.0	365.62	54.60	71.59
15.0	327.13	54.49	70.69
20.0	285.62	56.97	72.25
25.0	242.47	59.73	75.97
30.0	199.25	55.11	72.96
35.0	157.57	49.97	66.42
40.0	118.96	44.30	59.27
45.0	84.71	38.10	51.51
50.0	55.78	31.33	43.08
55.0	32.87	23.94	33.89
60.0	16.91	16.38	24.30
65.0	12.33	13.42	20.44
70.0	13.33	14.12	21.35
75.0	15.47	15.50	23.17
80.0	16.27	16.00	23.81
85.0	15.53	15.54	23.21
90.0	13.94	14.53	21.89
95.0	12.24	13.36	20.35
100.0	11.00	12.46	19.15
105.0	10.51	12.08	18.65
110.0	10.66	12.20	18.80
115.0	11.10	12.53	19.26
120.0	11.54	12.86	19.68
125.0	11.78	13.03	19.92
130.0	11.76	13.01	19.89
135.0	11.46	12.80	19.61
140.0	11.01	12.46	19.16
145.0	10.59	12.15	18.73
150.0	10.55	12.11	18.69
155.0	11.19	12.60	19.35
160.0	12.56	13.59	20.65
165.0	14.29	14.75	22.19
170.0	15.77	15.69	23.41
175.0	16.25	15.99	23.80
180.0	15.20	15.33	22.95
185.0	14.02	14.58	21.96
190.0	13.49	14.22	21.49
195.0	19.90	18.06	26.46
200.0	39.66	26.41	36.98
205.0	64.25	33.52	45.82
210.0	91.16	39.40	53.12
215.0	126.37	43.96	54.79
220.0	166.61	43.75	55.89
225.0	212.64	45.42	58.88
230.0	260.64	47.36	62.06
235.0	307.44	49.49	65.26
240.0	350.69	51.49	68.18
245.0	388.78	53.23	70.67
250.0	420.80	54.66	72.69
255.0	446.53	55.77	74.26
260.0	466.38	56.61	75.43
265.0	481.21	57.21	76.29
270.0	492.19	57.65	76.90
275.0	500.50	57.97	77.36

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

280.0	506.86	58.22	77.70
285.0	510.84	58.37	77.92
290.0	513.03	58.44	78.03
295.0	514.08	58.48	78.66
300.0	514.49	58.49	79.61
305.0	514.61	58.51	79.79
310.0	514.60	58.53	79.83
315.0	514.44	58.55	79.31
320.0	513.94	58.58	78.18
325.0	512.70	58.59	78.16
330.0	510.21	58.56	78.09
335.0	505.79	58.46	77.93
340.0	498.69	58.26	77.62
345.0	488.17	57.95	77.14
350.0	473.49	57.49	76.44
355.0	454.09	56.88	75.50

JELLICO, TN

Call: WJJT

Coordinates: N 36 34 59 W 84 8 10

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m.	
		.500	.025
0.0	221.89	20.40	81.11
5.0	221.89	20.40	81.11
10.0	221.89	20.40	81.11
15.0	221.89	20.40	81.11
20.0	221.89	20.40	81.11
25.0	221.89	20.40	81.11
30.0	221.89	20.40	81.11
35.0	221.89	20.40	81.11
40.0	221.89	20.40	81.11
45.0	221.89	20.40	81.11
50.0	221.89	20.40	81.11
55.0	221.89	20.40	81.11
60.0	221.89	20.40	81.11
65.0	221.89	20.40	81.11
70.0	221.89	20.40	81.11
75.0	221.89	20.40	81.11
80.0	221.89	20.40	82.10
85.0	221.89	20.40	81.75
90.0	221.89	20.40	81.28
95.0	221.89	20.40	81.11
100.0	221.89	20.40	81.11
105.0	221.89	20.40	81.11
110.0	221.89	20.40	81.11
115.0	221.89	20.40	81.11
120.0	221.89	20.40	81.11
125.0	221.89	20.40	81.11
130.0	221.89	20.40	81.11
135.0	221.89	20.40	81.11
140.0	221.89	20.40	81.11
145.0	221.89	20.40	81.11
150.0	221.89	20.40	81.11
155.0	221.89	20.40	81.11
160.0	221.89	20.40	81.11
165.0	221.89	20.40	81.11
170.0	221.89	20.40	81.11
175.0	221.89	20.40	81.11
180.0	221.89	20.40	81.11
185.0	221.89	20.40	81.11
190.0	221.89	20.40	81.11
195.0	221.89	20.40	81.11
200.0	221.89	20.40	81.11

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

205.0	221.89	20.40	81.11
210.0	221.89	20.40	81.11
215.0	221.89	20.40	81.11
220.0	221.89	20.40	81.11
225.0	221.89	20.40	81.11
230.0	221.89	20.40	81.11
235.0	221.89	20.40	81.11
240.0	221.89	20.40	81.11
245.0	221.89	20.40	81.11
250.0	221.89	20.40	81.11
255.0	221.89	20.40	81.38
260.0	221.89	20.40	81.90
265.0	221.89	20.40	82.30
270.0	221.89	20.40	82.55
275.0	221.89	20.40	82.82
280.0	221.89	20.40	82.97
285.0	221.89	20.40	83.00
290.0	221.89	20.40	82.90
295.0	221.89	20.40	82.68
300.0	221.89	20.40	82.43
305.0	221.89	20.40	82.10
310.0	221.89	20.40	81.64
315.0	221.89	20.40	81.11
320.0	221.89	20.40	81.11
325.0	221.89	20.40	81.11
330.0	221.89	20.40	81.11
335.0	221.89	20.40	81.11
340.0	221.89	20.40	81.40
345.0	221.89	20.40	82.25
350.0	221.89	20.40	82.65
355.0	221.89	20.40	82.02

SUMITON ,AL

Call: WKDG

Coordinates: N 33 45 50 W 87 3 47

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m.	
		.500	.025
0.0	297.73	28.02	103.62
5.0	297.73	27.55	101.17
10.0	297.73	27.18	98.39
15.0	297.73	26.90	95.45
20.0	297.73	26.67	95.22
25.0	297.73	26.49	95.04
30.0	297.73	26.35	94.90
35.0	297.73	26.24	94.79
40.0	297.73	26.17	94.72
45.0	297.73	26.17	94.72
50.0	297.73	26.18	94.73
55.0	297.73	26.22	94.77
60.0	297.73	26.28	94.83
65.0	297.73	26.36	94.91
70.0	297.73	26.48	95.67
75.0	297.73	26.62	99.09
80.0	297.73	26.81	101.97
85.0	297.73	27.04	103.93
90.0	297.73	27.33	105.62
95.0	297.73	27.70	107.13
100.0	297.73	28.18	107.78
105.0	297.73	28.83	108.28
110.0	297.73	30.94	110.45
115.0	297.73	31.71	113.63
120.0	297.73	31.71	113.89
125.0	297.73	31.71	114.77

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

130.0	297.73	31.71	117.30
135.0	297.73	31.71	117.30
140.0	297.73	31.71	117.30
145.0	297.73	31.71	117.30
150.0	297.73	31.71	117.30
155.0	297.73	31.71	117.30
160.0	297.73	31.71	117.30
165.0	297.73	31.71	117.30
170.0	297.73	31.71	117.30
175.0	297.73	31.71	117.30
180.0	297.73	31.71	117.30
185.0	297.73	31.71	117.30
190.0	297.73	31.71	111.01
195.0	297.73	31.71	108.09
200.0	297.73	31.71	106.35
205.0	297.73	31.71	105.15
210.0	297.73	31.71	104.22
215.0	297.73	31.71	103.49
220.0	297.73	31.71	102.91
225.0	297.73	31.71	102.46
230.0	297.73	31.71	102.26
235.0	297.73	31.71	102.13
240.0	297.73	31.71	102.07
245.0	297.73	31.71	102.08
250.0	297.73	31.71	102.16
255.0	297.73	31.71	102.31
260.0	297.73	31.71	102.54
265.0	297.73	31.71	102.86
270.0	297.73	31.71	103.46
275.0	297.73	31.71	104.24
280.0	297.73	31.71	105.22
285.0	297.73	31.71	106.53
290.0	297.73	31.71	109.04
295.0	297.73	31.71	116.03
300.0	297.73	31.71	117.30
305.0	297.73	31.71	117.30
310.0	297.73	31.71	117.30
315.0	297.73	31.71	117.30
320.0	297.73	31.71	117.30
325.0	297.73	31.71	117.30
330.0	297.73	31.71	117.30
335.0	297.73	31.71	117.30
340.0	297.73	31.71	117.30
345.0	297.73	31.71	117.30
350.0	297.73	29.53	110.05
355.0	297.73	28.65	106.50

GREENWOOD ,MS

Call: WKXG

Coordinates: N 33 31 12 W 90 8 28

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m.	
		.500	.025
0.0	305.80	46.10	156.07
5.0	305.80	46.10	156.07
10.0	305.80	46.10	156.07
15.0	305.80	46.10	156.07
20.0	305.80	46.10	156.07
25.0	305.80	46.10	156.07
30.0	305.80	46.10	156.07
35.0	305.80	46.10	156.07
40.0	305.80	46.10	156.07
45.0	305.80	46.10	154.66
50.0	305.80	46.10	151.89

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### Exhibit E-15 - Critical Hours Allocation Contour Distances

55.0	305.80	46.10	144.52
60.0	305.80	46.10	139.04
65.0	305.80	46.10	134.84
70.0	305.80	46.10	131.57
75.0	305.80	46.10	129.02
80.0	305.80	46.10	127.17
85.0	305.80	46.10	125.70
90.0	305.80	46.10	124.57
95.0	305.80	46.10	123.71
100.0	305.80	46.10	123.10
105.0	305.80	46.10	122.91
110.0	305.80	46.10	122.96
115.0	305.80	46.10	123.21
120.0	305.80	46.10	123.68
125.0	305.80	46.10	124.37
130.0	305.80	46.10	125.38
135.0	305.80	46.10	126.87
140.0	305.80	46.10	128.75
145.0	305.80	46.10	131.58
150.0	305.80	46.10	136.42
155.0	305.80	46.10	142.34
160.0	305.80	46.10	147.72
165.0	305.80	46.10	150.00
170.0	305.80	46.10	150.15
175.0	305.80	46.10	150.67
180.0	305.80	46.10	151.91
185.0	305.80	46.10	156.07
190.0	305.80	46.10	156.07
195.0	305.80	46.10	156.07
200.0	305.80	46.10	156.07
205.0	305.80	46.10	156.07
210.0	305.80	46.10	156.07
215.0	305.80	46.10	156.07
220.0	305.80	46.10	156.07
225.0	305.80	46.10	156.07
230.0	305.80	46.10	156.07
235.0	305.80	46.10	156.07
240.0	305.80	46.10	156.07
245.0	305.80	46.10	156.07
250.0	305.80	46.10	156.07
255.0	305.80	46.10	156.07
260.0	305.80	46.10	155.50
265.0	305.80	46.10	154.22
270.0	305.80	46.10	153.25
275.0	305.80	46.10	152.52
280.0	305.80	46.10	152.01
285.0	305.80	46.10	151.68
290.0	305.80	46.10	151.55
295.0	305.80	46.10	151.78
300.0	305.80	46.10	152.71
305.0	305.80	46.10	154.64
310.0	305.80	46.10	156.07
315.0	305.80	46.10	156.07
320.0	305.80	46.10	156.07
325.0	305.80	46.10	156.07
330.0	305.80	46.10	156.07
335.0	305.80	46.10	156.07
340.0	305.80	46.10	156.07
345.0	305.80	46.10	156.07
350.0	305.80	46.10	156.07
355.0	305.80	46.10	156.07

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

QUINCY, IL

Call: WLIQ

Coordinates: N 39 55 51 W 91 25 46

Frequency: 1530 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m. .500	.250
0.0	171.37	51.76	68.69
5.0	171.37	51.76	68.69
10.0	171.37	51.76	68.69
15.0	171.37	51.76	68.69
20.0	171.37	51.76	68.69
25.0	171.37	51.76	68.69
30.0	171.37	51.76	68.69
35.0	171.37	51.76	68.69
40.0	171.37	51.76	68.69
45.0	171.37	51.76	68.69
50.0	171.37	51.76	68.69
55.0	171.37	51.76	67.99
60.0	171.37	51.76	66.66
65.0	171.37	51.76	65.03
70.0	171.37	50.50	62.78
75.0	171.37	48.22	60.50
80.0	171.37	45.51	57.80
85.0	171.37	43.73	56.02
90.0	171.37	42.31	54.60
95.0	171.37	41.18	53.46
100.0	171.37	40.38	52.67
105.0	171.37	39.81	52.09
110.0	171.37	39.38	51.66
115.0	171.37	39.05	51.34
120.0	171.37	38.80	51.09
125.0	171.37	38.61	50.90
130.0	171.37	38.47	50.75
135.0	171.37	38.35	50.64
140.0	171.37	38.27	50.56
145.0	171.37	38.22	50.51
150.0	171.37	38.19	50.48
155.0	171.37	38.18	50.47
160.0	171.37	38.20	50.48
165.0	171.37	38.24	50.52
170.0	171.37	38.30	50.58
175.0	171.37	38.39	50.67
180.0	171.37	38.51	50.80
185.0	171.37	38.67	50.96
190.0	171.37	38.89	51.17
195.0	171.37	39.16	51.45
200.0	171.37	39.52	51.80
205.0	171.37	40.00	52.28
210.0	171.37	40.64	52.93
215.0	171.37	41.54	53.82
220.0	171.37	43.80	58.99
225.0	171.37	51.76	68.69
230.0	171.37	51.76	68.69
235.0	171.37	51.76	68.69
240.0	171.37	51.76	68.69
245.0	171.37	51.76	68.69
250.0	171.37	51.76	68.69
255.0	171.37	51.76	68.69
260.0	171.37	51.76	68.69
265.0	171.37	51.76	68.69
270.0	171.37	51.76	68.69

JEREMY RUCK & ASSOCIATES, INC.

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Canton, IL 61520

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

275.0	171.37	51.76	68.69
280.0	171.37	51.76	68.69
285.0	171.37	51.76	68.69
290.0	171.37	51.76	68.69
295.0	171.37	51.76	68.69
300.0	171.37	51.76	68.69
305.0	171.37	51.76	68.69
310.0	171.37	51.76	68.69
315.0	171.37	51.76	68.69
320.0	171.37	51.76	68.69
325.0	171.37	51.76	68.69
330.0	171.37	51.76	68.69
335.0	171.37	51.76	68.69
340.0	171.37	51.76	68.69
345.0	171.37	51.76	68.69
350.0	171.37	51.76	68.69
355.0	171.37	51.76	68.69

LA PORTE, IN

Call: WLOI

Coordinates: N 41 38 1 W 86 45 33

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m.	
		.500	.025
0.0	158.52	27.71	114.74
5.0	158.52	26.09	113.12
10.0	158.52	24.25	111.29
15.0	158.52	22.87	109.12
20.0	158.52	22.88	104.82
25.0	158.52	22.94	77.94
30.0	158.52	23.05	75.60
35.0	158.52	23.20	75.76
40.0	158.52	23.42	75.98
45.0	158.52	23.71	76.26
50.0	158.52	24.07	76.63
55.0	158.52	24.54	77.10
60.0	158.52	25.14	77.69
65.0	158.52	25.79	78.35
70.0	158.52	26.61	79.17
75.0	158.52	27.67	80.23
80.0	158.52	29.08	81.63
85.0	158.52	30.99	83.55
90.0	158.52	33.74	86.29
95.0	158.52	34.91	115.05
100.0	158.52	34.91	121.95
105.0	158.52	34.91	121.95
110.0	158.52	34.91	121.95
115.0	158.52	34.91	121.95
120.0	158.52	34.91	121.95
125.0	158.52	34.91	121.95
130.0	158.52	34.91	121.95
135.0	158.52	34.91	121.95
140.0	158.52	34.91	121.95
145.0	158.52	34.91	121.95
150.0	158.52	34.91	121.95
155.0	158.52	34.91	121.95
160.0	158.52	34.91	121.95
165.0	158.52	34.91	121.95
170.0	158.52	34.91	121.95
175.0	158.52	34.91	121.95
180.0	158.52	34.91	121.95
185.0	158.52	34.91	121.95
190.0	158.52	34.91	121.95
195.0	158.52	34.91	121.95
200.0	158.52	34.91	121.95

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

205.0	158.52	34.91	121.95
210.0	158.52	34.91	121.95
215.0	158.52	34.91	121.95
220.0	158.52	34.91	121.95
225.0	158.52	34.91	121.95
230.0	158.52	34.91	121.95
235.0	158.52	34.91	121.95
240.0	158.52	34.91	123.95
245.0	158.52	34.91	126.21
250.0	158.52	34.91	128.05
255.0	158.52	34.91	129.84
260.0	158.52	34.91	131.52
265.0	158.52	34.91	131.88
270.0	158.52	34.91	130.90
275.0	158.52	34.91	128.91
280.0	158.52	34.91	121.95
285.0	158.52	34.91	121.95
290.0	158.52	34.91	121.95
295.0	158.52	34.91	121.95
300.0	158.52	34.91	121.95
305.0	158.52	34.91	123.37
310.0	158.52	34.91	123.21
315.0	158.52	34.91	121.98
320.0	158.52	34.91	121.95
325.0	158.52	34.91	121.95
330.0	158.52	34.91	121.95
335.0	158.52	34.91	121.95
340.0	158.52	33.52	120.55
345.0	158.52	32.04	119.08
350.0	158.52	30.62	117.66
355.0	158.52	29.19	116.23

HUNTSVILLE, AL

Call: WLOR

Coordinates: N 34 51 9 W 86 39 10

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m.	
		.500	.250
0.0	1597.71	67.40	90.90
5.0	1590.69	67.27	90.73
10.0	1560.55	66.71	90.00
15.0	1508.49	65.72	88.73
20.0	1436.62	64.31	86.91
25.0	1348.07	62.52	84.59
30.0	1246.95	60.40	81.82
35.0	1138.46	57.99	78.67
40.0	1028.74	55.43	75.30
45.0	924.75	52.84	71.87
50.0	833.68	50.44	67.67
55.0	762.11	46.38	60.21
60.0	714.64	42.86	56.30
65.0	693.20	40.97	54.23
70.0	697.60	40.16	53.46
75.0	727.76	40.22	53.76
80.0	785.65	41.03	55.04
85.0	875.25	42.57	57.26
90.0	1000.60	44.78	60.34
95.0	1163.49	47.55	64.13
100.0	1362.38	50.72	68.43
105.0	1592.68	54.14	73.01
110.0	1847.67	57.63	77.65
115.0	2119.50	61.08	82.19
120.0	2399.92	64.40	86.51
125.0	2680.94	67.51	90.55

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

130.0	2955.21	70.38	94.24
135.0	3216.33	72.99	97.58
140.0	3459.01	75.31	100.85
145.0	3679.14	77.36	103.74
150.0	3873.74	79.13	106.05
155.0	4040.78	80.64	107.84
160.0	4179.07	81.91	109.04
165.0	4288.03	82.95	110.06
170.0	4367.48	83.79	111.06
175.0	4417.42	84.43	111.80
180.0	4437.97	84.89	112.30
185.0	4429.17	85.21	112.60
190.0	4390.99	85.40	112.72
195.0	4323.35	85.53	112.71
200.0	4226.19	85.70	112.92
205.0	4099.59	86.17	114.49
210.0	3943.94	87.92	118.13
215.0	3760.18	97.31	128.49
220.0	3549.96	95.01	125.68
225.0	3315.87	92.33	122.37
230.0	3061.56	89.28	118.59
235.0	2791.84	85.85	114.32
240.0	2512.69	82.08	109.59
245.0	2231.10	77.98	104.41
250.0	1954.84	73.63	98.90
255.0	1692.14	69.13	93.13
260.0	1451.07	64.60	87.28
265.0	1238.92	60.22	81.60
270.0	1061.26	56.21	76.32
275.0	920.93	52.75	71.74
280.0	817.43	49.99	68.09
285.0	747.40	48.02	65.45
290.0	706.52	46.82	63.84
295.0	691.89	46.38	63.25
300.0	702.93	46.71	63.70
305.0	740.06	47.80	65.17
310.0	802.40	49.58	67.53
315.0	886.38	51.85	70.56
320.0	986.05	54.39	73.92
325.0	1094.34	56.98	77.34
330.0	1204.12	59.46	80.60
335.0	1308.86	61.71	83.53
340.0	1403.00	63.64	86.04
345.0	1481.97	65.20	88.07
350.0	1542.26	66.36	89.56
355.0	1581.36	67.10	90.51

MARTINSVILLE, IN

Call: WMYJ

Coordinates: N 39 24 31 W 86 25 10

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m. .500	.025
0.0	156.10	34.69	123.51
5.0	156.10	34.69	126.60
10.0	156.10	34.69	128.80
15.0	156.10	34.69	131.30
20.0	156.10	34.69	132.06
25.0	156.10	34.69	130.97
30.0	156.10	34.69	129.45
35.0	156.10	34.69	127.56
40.0	156.10	34.69	125.27
45.0	156.10	34.69	122.73
50.0	156.10	34.69	121.22

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### Exhibit E-15 - Critical Hours Allocation Contour Distances

55.0	156.10	34.69	121.22
60.0	156.10	34.69	121.22
65.0	156.10	34.69	121.22
70.0	156.10	34.69	121.22
75.0	156.10	34.69	121.22
80.0	156.10	34.69	121.22
85.0	156.10	34.69	121.22
90.0	156.10	34.69	121.22
95.0	156.10	34.69	121.22
100.0	156.10	34.69	121.22
105.0	156.10	34.69	121.22
110.0	156.10	34.69	121.22
115.0	156.10	34.69	121.22
120.0	156.10	34.69	121.22
125.0	156.10	34.69	121.22
130.0	156.10	34.69	121.22
135.0	156.10	34.69	121.22
140.0	156.10	34.69	121.22
145.0	156.10	34.69	121.22
150.0	156.10	34.69	121.22
155.0	156.10	34.69	121.22
160.0	156.10	34.69	120.80
165.0	156.10	34.69	119.70
170.0	156.10	34.69	119.53
175.0	156.10	34.69	120.50
180.0	156.10	34.69	121.22
185.0	156.10	34.69	121.22
190.0	156.10	34.69	121.22
195.0	156.10	34.69	121.22
200.0	156.10	34.69	121.22
205.0	156.10	34.69	121.22
210.0	156.10	34.69	121.22
215.0	156.10	34.69	121.22
220.0	156.10	34.69	121.22
225.0	156.10	34.69	121.22
230.0	156.10	34.69	121.22
235.0	156.10	34.69	121.22
240.0	156.10	34.69	121.22
245.0	156.10	34.69	121.22
250.0	156.10	34.69	121.22
255.0	156.10	34.69	121.22
260.0	156.10	34.69	121.22
265.0	156.10	34.69	121.22
270.0	156.10	34.69	121.22
275.0	156.10	34.69	121.22
280.0	156.10	34.69	121.22
285.0	156.10	34.69	121.22
290.0	156.10	34.69	121.22
295.0	156.10	34.69	121.22
300.0	156.10	34.69	121.22
305.0	156.10	34.69	121.22
310.0	156.10	34.69	121.22
315.0	156.10	34.69	121.22
320.0	156.10	34.69	121.22
325.0	156.10	34.69	121.22
330.0	156.10	34.69	121.22
335.0	156.10	34.69	121.22
340.0	156.10	34.69	121.22
345.0	156.10	34.69	121.22
350.0	156.10	34.69	121.22
355.0	156.10	34.69	121.22

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

SULLIVAN, IN

Call: WNDI

Coordinates: N 39 4 32 W 87 23 57

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	141.62	33.28	44.63
5.0	141.62	33.28	44.63
10.0	141.62	33.28	44.63
15.0	141.62	33.28	44.63
20.0	141.62	33.28	44.63
25.0	141.62	33.28	44.63
30.0	141.62	33.28	44.63
35.0	141.62	33.28	44.63
40.0	141.62	33.28	44.63
45.0	141.62	33.28	44.63
50.0	141.62	33.28	44.63
55.0	141.62	33.28	44.63
60.0	141.62	33.28	44.63
65.0	141.62	33.28	44.63
70.0	141.62	33.28	44.63
75.0	141.62	33.28	44.63
80.0	141.62	33.28	44.63
85.0	141.62	33.28	44.63
90.0	141.62	33.28	44.63
95.0	141.62	33.28	44.63
100.0	141.62	33.28	44.63
105.0	141.62	33.28	44.63
110.0	141.62	33.28	44.63
115.0	141.62	33.28	44.63
120.0	141.62	33.28	44.63
125.0	141.62	33.28	44.63
130.0	141.62	33.28	44.63
135.0	141.62	33.28	44.63
140.0	141.62	33.28	44.63
145.0	141.62	33.28	44.63
150.0	141.62	33.28	44.63
155.0	141.62	33.28	44.63
160.0	141.62	33.28	44.63
165.0	141.62	33.28	44.63
170.0	141.62	33.28	44.63
175.0	141.62	33.28	44.63
180.0	141.62	33.28	44.63
185.0	141.62	33.28	44.63
190.0	141.62	33.28	44.63
195.0	141.62	33.28	44.63
200.0	141.62	33.28	44.63
205.0	141.62	33.28	44.63
210.0	141.62	33.28	44.63
215.0	141.62	33.28	44.63
220.0	141.62	33.28	44.63
225.0	141.62	33.28	44.63
230.0	141.62	33.28	44.63
235.0	141.62	33.28	44.63
240.0	141.62	33.28	44.63
245.0	141.62	33.28	44.63
250.0	141.62	33.28	44.63
255.0	141.62	33.28	44.63
260.0	141.62	33.28	44.63
265.0	141.62	33.28	44.63
270.0	141.62	33.28	44.63

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

275.0	141.62	33.28	44.63
280.0	141.62	33.28	44.63
285.0	141.62	33.28	44.63
290.0	141.62	33.28	44.63
295.0	141.62	33.28	44.63
300.0	141.62	33.28	44.63
305.0	141.62	33.28	44.63
310.0	141.62	33.28	44.63
315.0	141.62	33.28	44.63
320.0	141.62	33.28	44.63
325.0	141.62	33.28	44.63
330.0	141.62	33.28	44.63
335.0	141.62	33.28	44.63
340.0	141.62	33.28	44.63
345.0	141.62	33.28	44.63
350.0	141.62	33.28	44.63
355.0	141.62	33.28	44.63

BROWNSVILLE, TN

Call: WNWS

Coordinates: N 35 36 30 W 89 14 40

Frequency: 1520 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 5.000
0.0	152.89	8.03
5.0	152.89	8.03
10.0	152.89	8.03
15.0	152.89	8.03
20.0	152.89	8.03
25.0	152.89	8.03
30.0	152.89	8.03
35.0	152.89	8.03
40.0	152.89	8.03
45.0	152.89	8.03
50.0	152.89	8.03
55.0	152.89	8.03
60.0	152.89	8.03
65.0	152.89	8.03
70.0	152.89	8.03
75.0	152.89	8.03
80.0	152.89	8.03
85.0	152.89	8.03
90.0	152.89	8.03
95.0	152.89	8.03
100.0	152.89	8.03
105.0	152.89	8.03
110.0	152.89	8.03
115.0	152.89	8.03
120.0	152.89	8.03
125.0	152.89	8.03
130.0	152.89	8.03
135.0	152.89	8.03
140.0	152.89	8.03
145.0	152.89	8.03
150.0	152.89	8.03
155.0	152.89	8.03
160.0	152.89	8.03
165.0	152.89	8.03
170.0	152.89	8.03
175.0	152.89	8.03
180.0	152.89	8.03
185.0	152.89	8.03
190.0	152.89	8.03
195.0	152.89	8.03

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

200.0	152.89	8.03
205.0	152.89	8.03
210.0	152.89	8.03
215.0	152.89	8.09
220.0	152.89	8.45
225.0	152.89	8.72
230.0	152.89	8.94
235.0	152.89	9.11
240.0	152.89	9.23
245.0	152.89	9.34
250.0	152.89	9.41
255.0	152.89	9.46
260.0	152.89	9.48
265.0	152.89	9.49
270.0	152.89	9.47
275.0	152.89	9.43
280.0	152.89	9.36
285.0	152.89	9.27
290.0	152.89	9.14
295.0	152.89	8.98
300.0	152.89	8.77
305.0	152.89	8.49
310.0	152.89	8.14
315.0	152.89	8.03
320.0	152.89	8.03
325.0	152.89	8.03
330.0	152.89	8.03
335.0	152.89	8.03
340.0	152.89	8.03
345.0	152.89	8.03
350.0	152.89	8.03
355.0	152.89	8.03

CORYDON ,IN

Call: WOCC

Coordinates: N 38 11 26 W 86 8 0

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m. .500	.250
0.0	141.62	22.74	33.02
5.0	141.62	22.74	32.98
10.0	141.62	22.74	32.87
15.0	141.62	22.74	32.78
20.0	141.62	22.74	32.70
25.0	141.62	22.74	32.54
30.0	141.62	22.74	32.29
35.0	141.62	22.74	31.99
40.0	141.62	22.74	31.89
45.0	141.62	22.74	31.70
50.0	141.62	22.74	31.42
55.0	141.62	22.74	31.05
60.0	141.62	22.74	31.00
65.0	141.62	22.74	31.00
70.0	141.62	22.74	31.00
75.0	141.62	22.74	31.00
80.0	141.62	22.74	31.00
85.0	141.62	22.74	31.00
90.0	141.62	22.74	31.00
95.0	141.62	22.74	31.00
100.0	141.62	22.74	31.00
105.0	141.62	22.74	31.00
110.0	141.62	22.74	31.00
115.0	141.62	22.74	31.00
120.0	141.62	22.74	31.00

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

125.0	141.62	22.74	31.00
130.0	141.62	22.74	31.00
135.0	141.62	22.74	31.00
140.0	141.62	22.74	31.00
145.0	141.62	22.74	31.00
150.0	141.62	22.74	31.00
155.0	141.62	22.74	31.00
160.0	141.62	22.74	31.00
165.0	141.62	22.74	31.00
170.0	141.62	22.74	31.00
175.0	141.62	22.74	31.00
180.0	141.62	22.74	31.00
185.0	141.62	22.74	31.00
190.0	141.62	22.74	31.00
195.0	141.62	22.74	31.00
200.0	141.62	22.74	31.00
205.0	141.62	22.74	31.00
210.0	141.62	22.74	31.00
215.0	141.62	22.74	31.00
220.0	141.62	22.74	31.00
225.0	141.62	22.74	31.00
230.0	141.62	22.74	31.00
235.0	141.62	22.74	31.00
240.0	141.62	22.74	31.00
245.0	141.62	22.74	31.00
250.0	141.62	22.74	31.00
255.0	141.62	22.74	31.00
260.0	141.62	22.74	31.00
265.0	141.62	22.74	31.00
270.0	141.62	22.74	31.42
275.0	141.62	22.74	31.93
280.0	141.62	22.74	32.46
285.0	141.62	22.74	32.88
290.0	141.62	22.74	33.20
295.0	141.62	22.74	33.44
300.0	141.62	22.74	33.59
305.0	141.62	22.74	33.67
310.0	141.62	22.74	33.68
315.0	141.62	22.74	33.67
320.0	141.62	22.74	33.82
325.0	141.62	22.74	33.89
330.0	141.62	22.74	33.89
335.0	141.62	22.74	33.82
340.0	141.62	22.74	33.68
345.0	141.62	22.74	33.46
350.0	141.62	22.74	33.16
355.0	141.62	22.74	32.98

PADUCAH, KY

Call: WPAD

Coordinates: N 37 3 8 W 88 36 3

Frequency: 1560 kHz Number of contours: 1

Azimuth	Radiation	Distances to Contours in Kilometers :
	(mV/m at one km)	Contour levels in mV/m.
		5.000
0.0	1175.01	30.73
5.0	1061.99	29.42
10.0	946.04	27.98
15.0	846.79	26.65
20.0	737.26	25.07
25.0	633.53	23.43
30.0	547.18	21.92
35.0	443.39	19.88
40.0	340.17	17.51
45.0	304.54	16.58

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

50.0	290.73	16.20
55.0	300.57	16.47
60.0	316.75	16.91
65.0	330.61	17.27
70.0	337.97	17.46
75.0	337.13	17.43
80.0	328.26	17.21
85.0	313.52	16.82
90.0	297.64	16.39
95.0	293.38	16.28
100.0	324.55	17.11
105.0	381.67	18.51
110.0	450.90	20.04
115.0	528.06	21.56
120.0	616.58	23.14
125.0	723.73	24.87
130.0	877.09	27.07
135.0	990.42	28.54
140.0	1090.97	29.76
145.0	1196.19	30.96
150.0	1293.09	32.01
155.0	1372.32	31.05
160.0	1430.89	28.42
165.0	1466.78	26.98
170.0	1479.11	26.11
175.0	1468.15	25.44
180.0	1435.27	24.81
185.0	1382.86	24.15
190.0	1314.10	23.44
195.0	1232.77	22.67
200.0	1142.95	21.84
205.0	1048.81	20.97
210.0	954.38	20.08
215.0	863.37	19.19
220.0	779.00	18.33
225.0	703.92	17.53
230.0	640.09	16.81
235.0	588.81	16.21
240.0	550.69	15.75
245.0	526.39	15.45
250.0	515.88	15.34
255.0	517.00	15.38
260.0	530.08	15.59
265.0	557.25	15.98
270.0	598.02	16.57
275.0	651.89	17.33
280.0	718.09	18.24
285.0	795.21	19.30
290.0	881.13	20.51
295.0	973.10	21.95
300.0	1067.78	23.77
305.0	1161.39	30.57
310.0	1249.85	31.55
315.0	1328.99	32.39
320.0	1394.76	33.06
325.0	1443.49	33.55
330.0	1472.15	33.83
335.0	1478.53	33.90
340.0	1461.47	33.73
345.0	1420.94	33.33
350.0	1358.05	32.69
355.0	1275.01	31.82

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

PADUCAH, KY

Call: WPAD

Coordinates: N 37 3 8 W 88 36 3

Frequency: 1560 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m.
	5.000	
0.0	57.19	6.32
5.0	57.19	6.32
10.0	57.19	6.32
15.0	57.19	6.32
20.0	57.19	6.32
25.0	57.19	6.32
30.0	57.19	6.32
35.0	57.19	6.32
40.0	57.19	6.32
45.0	57.19	6.32
50.0	57.19	6.32
55.0	57.19	6.32
60.0	57.19	6.32
65.0	57.19	6.32
70.0	57.19	6.32
75.0	57.19	6.32
80.0	57.19	6.32
85.0	57.19	6.32
90.0	57.19	6.32
95.0	57.19	6.32
100.0	57.19	6.32
105.0	57.19	6.32
110.0	57.19	6.32
115.0	57.19	6.32
120.0	57.19	6.32
125.0	57.19	6.32
130.0	57.19	6.32
135.0	57.19	6.32
140.0	57.19	6.32
145.0	57.19	6.32
150.0	57.19	6.32
155.0	57.19	6.32
160.0	57.19	6.32
165.0	57.19	6.32
170.0	57.19	6.32
175.0	57.19	6.32
180.0	57.19	6.32
185.0	57.19	6.29
190.0	57.19	6.08
195.0	57.19	5.93
200.0	57.19	5.81
205.0	57.19	5.72
210.0	57.19	5.65
215.0	57.19	5.59
220.0	57.19	5.56
225.0	57.19	5.53
230.0	57.19	5.51
235.0	57.19	5.50
240.0	57.19	5.50
245.0	57.19	5.51
250.0	57.19	5.53
255.0	57.19	5.56
260.0	57.19	5.60
265.0	57.19	5.65
270.0	57.19	5.75

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

275.0	57.19	5.89
280.0	57.19	6.09
285.0	57.19	6.32
290.0	57.19	6.32
295.0	57.19	6.32
300.0	57.19	6.32
305.0	57.19	6.32
310.0	57.19	6.32
315.0	57.19	6.32
320.0	57.19	6.32
325.0	57.19	6.32
330.0	57.19	6.32
335.0	57.19	6.32
340.0	57.19	6.32
345.0	57.19	6.32
350.0	57.19	6.32
355.0	57.19	6.32

LITCHFIELD, IL

Call: WSMI

Coordinates: N 39 10 21 W 89 34 14

Frequency: 1540 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.025
0.0	323.50	67.12	196.03
5.0	323.50	67.12	198.36
10.0	323.50	67.12	201.28
15.0	323.50	67.12	204.77
20.0	323.50	67.12	205.12
25.0	323.50	67.12	205.12
30.0	323.50	67.12	205.12
35.0	323.50	67.12	205.12
40.0	323.50	67.12	198.03
45.0	323.50	67.12	193.96
50.0	323.50	67.12	190.58
55.0	323.50	67.12	187.65
60.0	323.50	67.12	185.39
65.0	323.50	67.12	183.58
70.0	323.50	67.12	181.89
75.0	323.50	67.12	180.52
80.0	323.50	67.12	179.42
85.0	323.50	66.44	178.45
90.0	323.50	65.54	177.56
95.0	323.50	64.83	176.84
100.0	323.50	64.28	176.30
105.0	323.50	63.81	175.83
110.0	323.50	63.40	175.42
115.0	323.50	63.13	175.15
120.0	323.50	62.97	174.99
125.0	323.50	62.94	174.96
130.0	323.50	63.06	175.08
135.0	323.50	63.33	175.35
140.0	323.50	63.74	175.76
145.0	323.50	64.28	176.30
150.0	323.50	64.99	177.01
155.0	323.50	65.62	177.63
160.0	323.50	66.41	178.43
165.0	323.50	67.12	179.42
170.0	323.50	67.12	180.65
175.0	323.50	67.12	182.10
180.0	323.50	67.12	183.87
185.0	323.50	67.12	186.07
190.0	323.50	67.12	188.84
195.0	323.50	67.12	192.49

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

200.0	323.50	67.12	194.38
205.0	323.50	67.12	195.05
210.0	323.50	67.12	194.74
215.0	323.50	67.12	194.50
220.0	323.50	67.12	194.25
225.0	323.50	67.12	194.16
230.0	323.50	67.12	193.88
235.0	323.50	67.12	193.37
240.0	323.50	67.12	192.41
245.0	323.50	67.12	191.11
250.0	323.50	67.12	189.56
255.0	323.50	67.12	188.01
260.0	323.50	67.12	186.71
265.0	323.50	67.12	185.57
270.0	323.50	67.12	184.63
275.0	323.50	67.12	183.89
280.0	323.50	67.12	183.36
285.0	323.50	67.12	182.99
290.0	323.50	67.12	182.79
295.0	323.50	67.12	183.79
300.0	323.50	67.12	185.84
305.0	323.50	67.12	187.55
310.0	323.50	67.12	188.73
315.0	323.50	67.12	189.02
320.0	323.50	67.12	188.09
325.0	323.50	67.12	185.00
330.0	323.50	67.12	185.97
335.0	323.50	67.12	187.21
340.0	323.50	67.12	188.81
345.0	323.50	67.12	190.61
350.0	323.50	67.12	192.37
355.0	323.50	67.12	194.13

RIPLEY ,TN

Call: WTRB

Coordinates: N 35 43 46 W 89 32 33

Frequency: 1570 kHz Number of contours: 1

Azimuth	Radiation	Distances to Contours in Kilometers :	
	(mV/m at one km)	Contour levels in mV/m.	
		25.000	
0.0	283.24	6.28	
5.0	283.24	6.28	
10.0	283.24	6.28	
15.0	283.24	6.28	
20.0	283.24	6.28	
25.0	283.24	6.28	
30.0	283.24	6.28	
35.0	283.24	6.28	
40.0	283.24	6.28	
45.0	283.24	6.28	
50.0	283.24	6.28	
55.0	283.24	6.28	
60.0	283.24	6.28	
65.0	283.24	6.28	
70.0	283.24	6.28	
75.0	283.24	6.28	
80.0	283.24	6.28	
85.0	283.24	6.28	
90.0	283.24	6.28	
95.0	283.24	6.28	
100.0	283.24	6.28	
105.0	283.24	6.28	
110.0	283.24	6.28	
115.0	283.24	6.28	
120.0	283.24	6.28	

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

125.0	283.24	6.28
130.0	283.24	6.28
135.0	283.24	6.28
140.0	283.24	6.28
145.0	283.24	6.28
150.0	283.24	6.28
155.0	283.24	6.28
160.0	283.24	6.28
165.0	283.24	6.28
170.0	283.24	6.28
175.0	283.24	6.28
180.0	283.24	6.28
185.0	283.24	6.28
190.0	283.24	6.28
195.0	283.24	6.28
200.0	283.24	6.28
205.0	283.24	6.28
210.0	283.24	6.28
215.0	283.24	6.28
220.0	283.24	6.28
225.0	283.24	6.28
230.0	283.24	6.28
235.0	283.24	6.28
240.0	283.24	6.28
245.0	283.24	6.28
250.0	283.24	6.28
255.0	283.24	6.28
260.0	283.24	6.28
265.0	283.24	6.28
270.0	283.24	6.28
275.0	283.24	6.28
280.0	283.24	6.28
285.0	283.24	6.28
290.0	283.24	6.28
295.0	283.24	6.28
300.0	283.24	6.28
305.0	283.24	6.28
310.0	283.24	6.28
315.0	283.24	6.28
320.0	283.24	6.28
325.0	283.24	6.28
330.0	283.24	6.28
335.0	283.24	6.28
340.0	283.24	6.28
345.0	283.24	6.28
350.0	283.24	6.28
355.0	283.24	6.28

MORGANFIELD, KY

Call: WUCO

Coordinates: N 37 40 4 W 87 55 46

Frequency: 1550 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	139.28	33.04	44.31
5.0	139.28	33.04	44.31
10.0	139.28	33.04	44.31
15.0	139.28	33.04	44.31
20.0	139.28	33.04	44.31
25.0	139.28	33.04	44.31
30.0	139.28	33.04	44.31
35.0	139.28	33.04	44.31
40.0	139.28	33.04	44.31

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

45.0	139.28	33.04	44.31
50.0	139.28	33.04	44.31
55.0	139.28	33.04	44.31
60.0	139.28	33.04	44.31
65.0	139.28	33.04	44.31
70.0	139.28	33.04	44.31
75.0	139.28	33.04	44.31
80.0	139.28	33.04	44.31
85.0	139.28	33.04	44.31
90.0	139.28	33.04	44.31
95.0	139.28	33.04	44.31
100.0	139.28	33.04	44.31
105.0	139.28	33.04	44.31
110.0	139.28	33.04	44.31
115.0	139.28	33.04	44.31
120.0	139.28	33.04	44.31
125.0	139.28	33.04	44.31
130.0	139.28	33.04	44.31
135.0	139.28	33.04	44.31
140.0	139.28	33.04	44.31
145.0	139.28	33.04	44.31
150.0	139.28	33.04	44.31
155.0	139.28	33.04	44.31
160.0	139.28	33.04	44.31
165.0	139.28	33.04	44.31
170.0	139.28	33.04	44.31
175.0	139.28	33.04	44.31
180.0	139.28	33.04	44.31
185.0	139.28	33.04	44.31
190.0	139.28	33.04	44.31
195.0	139.28	33.04	44.31
200.0	139.28	33.04	44.31
205.0	139.28	33.04	44.31
210.0	139.28	33.04	44.31
215.0	139.28	33.04	44.31
220.0	139.28	33.04	44.31
225.0	139.28	33.04	44.31
230.0	139.28	33.04	44.31
235.0	139.28	33.04	44.31
240.0	139.28	33.04	44.31
245.0	139.28	33.04	44.31
250.0	139.28	33.04	44.31
255.0	139.28	33.04	44.31
260.0	139.28	33.04	44.31
265.0	139.28	33.04	44.31
270.0	139.28	33.04	44.31
275.0	139.28	33.04	44.31
280.0	139.28	33.04	44.31
285.0	139.28	33.04	44.31
290.0	139.28	33.04	44.31
295.0	139.28	33.04	44.31
300.0	139.28	33.04	44.31
305.0	139.28	33.04	44.31
310.0	139.28	33.04	44.31
315.0	139.28	33.04	44.31
320.0	139.28	33.04	44.31
325.0	139.28	33.04	44.31
330.0	139.28	33.04	44.31
335.0	139.28	33.04	44.31
340.0	139.28	33.04	44.31
345.0	139.28	33.04	44.31
350.0	139.28	33.04	44.31
355.0	139.28	33.04	44.31

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## Exhibit E-15 - Critical Hours Allocation Contour Distances

HUNTINGDON, TN

Call: WWDX

Coordinates: N 36 0 4 W 88 26 2

Frequency: 1530 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
0.0	152.89	23.53	32.09
5.0	152.89	23.53	32.09
10.0	152.89	23.53	32.09
15.0	152.89	23.53	32.09
20.0	152.89	23.53	32.09
25.0	152.89	23.53	32.09
30.0	152.89	23.53	32.09
35.0	152.89	23.53	32.09
40.0	152.89	23.53	32.09
45.0	152.89	23.53	32.09
50.0	152.89	23.53	32.09
55.0	152.89	23.53	32.09
60.0	152.89	23.53	32.09
65.0	152.89	23.53	32.09
70.0	152.89	23.53	32.09
75.0	152.89	23.53	32.09
80.0	152.89	23.53	32.09
85.0	152.89	23.53	32.09
90.0	152.89	23.53	32.09
95.0	152.89	23.53	32.09
100.0	152.89	23.53	32.09
105.0	152.89	23.53	32.09
110.0	152.89	23.53	32.09
115.0	152.89	23.53	32.09
120.0	152.89	23.53	32.09
125.0	152.89	23.53	32.09
130.0	152.89	23.53	32.09
135.0	152.89	23.53	32.09
140.0	152.89	23.53	32.09
145.0	152.89	23.53	32.09
150.0	152.89	23.53	32.09
155.0	152.89	23.53	32.09
160.0	152.89	23.53	32.09
165.0	152.89	23.53	32.09
170.0	152.89	23.53	32.09
175.0	152.89	23.53	32.09
180.0	152.89	23.53	32.09
185.0	152.89	23.53	32.09
190.0	152.89	23.53	32.09
195.0	152.89	23.53	32.09
200.0	152.89	23.53	32.09
205.0	152.89	23.53	32.09
210.0	152.89	23.53	32.09
215.0	152.89	23.53	32.09
220.0	152.89	23.53	32.09
225.0	152.89	23.53	32.09
230.0	152.89	23.53	32.09
235.0	152.89	23.53	32.09
240.0	152.89	23.53	32.09
245.0	152.89	23.53	32.09
250.0	152.89	23.53	32.09
255.0	152.89	23.53	32.09
260.0	152.89	23.53	32.09
265.0	152.89	23.53	32.09
270.0	152.89	23.53	32.09
275.0	152.89	23.53	32.09

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### Exhibit E-15 - Critical Hours Allocation Contour Distances

280.0	152.89	23.53	32.09
285.0	152.89	23.53	32.09
290.0	152.89	23.53	32.09
295.0	152.89	23.53	32.09
300.0	152.89	23.53	32.09
305.0	152.89	23.53	32.09
310.0	152.89	23.53	32.09
315.0	152.89	23.53	32.09
320.0	152.89	23.53	32.09
325.0	152.89	23.53	32.09
330.0	152.89	23.53	32.09
335.0	152.89	23.53	32.09
340.0	152.89	23.53	32.09
345.0	152.89	23.53	32.09
350.0	152.89	23.53	32.09
355.0	152.89	23.53	32.09

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