

ENGINEERING EXHIBIT
IN SUPPORT OF AN
APPLICATION FOR CONSTRUCTION PERMIT
KXNT - NORTH LAS VEGAS, NEVADA
840 kHz - 50.0 kW DAY/16.0 kW NIGHT - DA-2
FACILITY ID: 33068

Applicant: CBS Radio Stations Inc.

February, 2008

***CARL T. JONES***
CORPORATION

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FCC Form 301 - Section III

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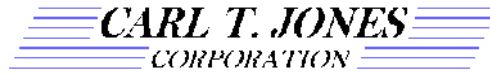
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ENGINEERING STATEMENT OF CYNTHIA M. JACOBSON, P.E.
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APPLICATION FOR CONSTRUCTION PERMIT
KXNT - NORTH LAS VEGAS, NEVADA
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FACILITY ID: 33068

Applicant: CBS Radio Stations Inc.

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia.

My education and experience are a matter of record with the Federal Communications Commission. I am a Registered Professional Engineer in the Commonwealth of Virginia, Registration No. 027914.

GENERAL

This office has been authorized by CBS Radio Stations Inc. ("CBS"), licensee of Standard Broadcast Station KXNT, North Las Vegas, Nevada, to prepare this Engineering Statement, FCC Form 301 (Section III), and the attached figures in support of an Application for Construction Permit to relocate the KXNT antenna system approximately 19.3 kilometers southwest of the licensed site and to make changes to the daytime and nighttime directional patterns. KXNT is presently licensed to operate on 840 kHz with a power of 50.0 kW daytime and 25.0 kW nighttime using the same directional pattern for both the day and night operation, but at different power levels.

KXNT's licensed transmitter site is no longer usable and qualifies as a "loss of site", as justified later herein.

The instant application proposes to collocate the KXNT transmitter facility at the licensed transmitter site of KSFN. KSFN is licensed to North Las Vegas, Nevada and operates on a frequency of 1140 kHz, at a power of 10 kW non-directional during daytime hours and 2.5 kW directional during nighttime hours. KSFN uses a total of four towers for its night directional operation. KXNT proposes to construct five new towers on the KSFN property that will be used solely for the operation of KXNT. KXNT proposes to operate at a power of 50 kW during daytime hours and 16 kW during nighttime hours.

ANTENNA SYSTEM AND DIRECTIONAL PATTERNS

The present KSFN antenna system consists of a total of four towers. The instant application proposes five new towers on the KSFN property. Two of the five new towers will be employed for the KXNT daytime operation. The nighttime operation will employ four of the proposed towers. One tower will be in common to both the KXNT day and night operations. The towers will be 90.1 electrical degrees in height.

The proposed daytime horizontal plane standard radiation pattern is shown on the polar graph of Figure 3. The daytime horizontal plane inverse distance fields are tabulated in Figure 4. Figure 5 contains a polar graph of the proposed nighttime horizontal plane standard radiation pattern and Figure 6 contains a tabulation of the proposed nighttime

horizontal plane inverse distance fields. Figures 7 through 18 contain tabulations of the vertical inverse distance fields for the proposed nighttime pattern.

GROUND SYSTEM

The ground system will consist of 120-89.2 meter spaced copper radials (except where shortened due to property boundaries or where bonded to a transverse copper strap between towers). A 7.3 meter square ground screen will be located at the base of each tower. The new ground radials will tie into the existing KSFN ground system wherever possible.

FAA NOTIFICATION AND TOWER REGISTRATION

The proposed new antenna structures will be 91.1 meters AGL and 700.7 meters AMSL, see Figure 1.

A Notice of Proposed Construction, FAA Form 7460-1 will be filed with the Federal Aviation Administration. Following FAA approval, tower registration will be completed.

SITE AND SURROUNDING TERRAIN

The proposed antenna/transmitter location and surrounding terrain characteristics are contained in FCC files for KSFN. The proposed center of array coordinates (NAD-27) array are:

North Latitude: 36-16-03
West Longitude: 115-02-41

Site photographs of the proposed site are contained in the KSFN engineering files at the Commission.

BLANKETING AND STATION INTERACTION

The population within the proposed KXNT daytime 1000 mV/m contour is less than 300 persons. The population within the proposed nighttime 1000 mV/m contour is greater than 300 persons, but less than 1.0 percent of the population within the proposed nighttime 25 mV/m contour. These contours are shown on the map of Figure 20. In response to all complaints of blanketing interference, the applicant will undertake steps to mitigate the interference in accordance with the requirements of Section 73.88 of the Commission's Rules and Regulations.

The proposed KXNT antenna site is collocated with AM station KSFN. Filters and detuning circuitry will be installed by the applicant to minimize interaction between the two stations such that no adverse impact will result from the collocation of the two stations. The site is located greater than 3 kilometers from all other area AM stations. There are no FM stations or TV stations located within 10 kilometers of the proposed site. It is expected that no detrimental interaction will occur with any station.

COVERAGE CONTOURS

The present and proposed daytime and nighttime 1000 mV/m predicted field strength contours are shown on the maps of Figures 19 and 20, respectively.

The present and proposed daytime service contours are shown on the map of Figure 21. The proposed 5.0 mV/m daytime contour fully encompasses the entire city of license, North Las Vegas, Nevada.

The present and proposed daytime protected contours are shown in Figure 22.

The present and proposed predicted nighttime service contours are shown on the map of Figure 26. The present and proposed nighttime interference-free contours serve the entire community of license. The proposed 5.0 mV/m nighttime contour will encompass 100% of the city of license, see Figure 26.

DAYTIME ALLOCATION STUDY

Four stations were considered in detail regarding the daytime allocation. These stations are:

KLAA	830 kHz	Orange, California,
KMPH	840 kHz	Modesto, California,
XEZF	850 kHz	Mexicali, BN, Mexico, and
KLSQ	870 kHz	Whitney, Nevada.

The map of Figure 23 depicts the daytime allocation situation for the above cited stations as they pertain to the present and proposed KXNT operations. Figure 24 represents an expanded view of the allocation map in order to provide greater clarity of the relationship of the various protected and interfering contours. The distances to all groundwave contours were calculated using the equivalent distance method. Contours were calculated at 5 degree intervals using ground conductivity values shown on the FCC's M-3 soil conductivity map, except for the use of measured ground conductivities contained in Appendix A and B. A tabulation by segment distance of the measured conductivities is shown in Appendix A. Appendix B contains a tabulation of the measurement data along with a presentation of the field strength graphs. Tabulations of distances to groundwave contours and conductivity profiles are not included herein, but can be provided upon request.

CO-CHANNEL PROTECTION

As depicted on the map of Figure 23, there is no overlap of the present or proposed KXNT 0.025 mV/m contour with the 0.5 mV/m contours of KMPH. Likewise, the 0.025 mV/m contours of KMPH do not overlap the present or proposed 0.5 mV/m contours of KXNT.

FIRST-ADJACENT CHANNEL PROTECTION

The map of Figure 23 shows a small area of existing overlap between the 0.25 mV/m and 0.5 mV/m contours of KXNT and KLAA. The instant proposal would decrease the current area of overlap of the 0.25 mV/m and 0.5 mV/m contours with respect to KLAA. No overlap exists or is proposed with, XEZF.

THIRD-ADJACENT CHANNEL PROTECTION

The map of Figure 23 shows existing overlap of the 25 mV/m contours of the licensed KXNT facility and the licensed facilities of KLSQ. Figure 24 shows the area of overlap in greater detail. The instant proposal would reduce the amount of 25 mV/m contour overlap with KLSQ.

NIGHTTIME ALLOCATION STUDY

Figure 25 is a tabulation of the RSS calculations for co-channel and first-adjacent channel stations that may be impacted by the instant proposal. The proposed nighttime facility of KXNT will not raise the 25% or 50% RSS limit of any domestic station or the 50% RSS limit of any foreign station.

Where KXNT enters the 50% exclusion bracket, a 10% radiation reduction is proposed with the exception of co-channel station KMPH, Modesto, California and first-adjacent station KLAA, Orange, California. A review of the nighttime interference studies, see Figure 25, on a station-by-station basis demonstrates the proposed KXNT nighttime

facility is compliant with all current Commission allocation standards, except as detailed below.

The frequency of 840 kHz is a US Class A channel. WHAS, Louisville, Kentucky is the Class A station of concern. The present and proposed 0.025 mV/m - 10% skywave contour of KXNT and the 0.5 mV/m - 50% skywave contour of WHAS are shown on the map of Figure 28. No prohibited overlap of skywave contours is predicted to occur from the proposed nighttime facility of KXNT.

Because of the close proximity of third-adjacent station KLSQ, 870 kHz, Whitney, Nevada, a nighttime groundwave study was conducted. Figure 27 depicts the 25 mV/m nighttime contours of KXNT and KLSQ and no overlap is predicted to occur.

WAIVER REQUEST

KXNT currently enters the nighttime RSS 50% exclusion bracket of co-channel station KMPH, Modesto, California and first-adjacent station KLAA, Orange, California. Under Section 73.182(q), Note 1, of the Commission's Rules, KXNT would be required to reduce radiation by 10% at the appropriate vertical angle toward KMPH and KLAA. KXNT proposes a 3.67% reduction in radiation toward KMPH and a 6.78% reduction in radiation toward KLAA.

The inability of KXNT to meet the radiation reduction to KMPH and KLAA is complicated for the following reasons:

- replication of existing service

- the 19.3 kilometer site move
- property constraints for the construction of new towers
- protection of the RSS of several stations
- protection of the night groundwave contour of KLSQ
- development of a technically feasible directional antenna design that meets protection criteria
- location of desired major lobe is toward the KLAA protection

In the design of a directional night antenna system, it was also necessary to reduce the nighttime power from 25 kW to 16 kW to meet protection to co-channel and adjacent stations.

On October 24, 2002, CBS notified the FCC that KXNT began operating at reduced power because of a newly constructed power distribution line in the nearby vicinity that was distorting the licensed directional parameters. On November 12, 2002, a request for Special Temporary Authority¹ was filed as restoration to licensed authorized power could not be achieved while keeping the monitoring points within licensed tolerances. On November 22, 2002, the Commission granted the STA to allow KXNT to operate at variance from licensed values and at reduced power.

CBS has requested many extensions and continues to operate under an STA.² Since there is no satisfactory resolution to the distortion of the KXNT directional arrays,

¹FCC File No. BSTA-20021112ADB

²Last extension request submitted January 28, 2008.

it has been determined that the current site is unusable, thereby warranting a relocation of KXNT to a new site.

Page one of Appendix C depicts the layout of the Nevada Power, 500 kilovolt transmission line. Page two of Appendix C depicts the transmission line imposed on a USGS 1:24,000 scale USGS topographic map in relation to the KXNT site. KXNT is bound approximately 180 degrees by these transmission towers. Further, these maps do not depict the additional newly built transmission line located to the north, northwest. A satellite view, page three of Appendix C, depicts another recently constructed transmission line and generating plant to the north, northwest. Clearly, it is understandable why it is impossible to maintain the KXNT patterns within licensed tolerances.

KXNT initially developed the site in a remote area, far removed from re-radiation sources. It has only been in the last several years that re-radiation sources have encroached upon the once remote KXNT site; thus making the site useless for the operation of an AM directional array.

As delineated in MM Docket 87-267³, the Commission recognized that often licensees are required to make changes to their stations because of circumstances beyond their control (such as loss of site) as is the case for KXNT. In such situations, the Commission acknowledged they would allow some flexibility and entertain a waiver. The proposed facilities of KXNT will result in a 3.67% signal reduction to KMPH and a 6.78%

³Report and Order, Released October 25, 1991, *Review of the Technical Assignment Criteria for the AM Broadcast Service*.

reduction to KLAA. It is respectfully that KXNT be granted a waiver of Section 73.182(q) of the Rules.

ENVIRONMENTAL IMPACT

This engineering statement certifies compliance with human exposure to radio-frequency radiation. The proposal described herein does not involve high intensity lighting as specified under Section 1.1307(a)(8), nor will it result in human exposure to radio-frequency radiation in excess of the standards specified in Section 1.1307(b).

RADIOFREQUENCY IMPACT

On January 1, 1986, the FCC amended its Rules to implement the National Environmental Policy Act of 1969 (NEPA). This amendment established RF radiation protection guidelines to be used to determine if potentially harmful RF exposure is possible from an FCC-regulated transmission facility. Effective October 15, 1997, the FCC adopted revised guidelines and procedures for evaluating environmental effects of RF emissions. These revised guidelines incorporate two tiers of exposure limits based on whether exposure occurs in a “controlled” (occupational) situation or an “uncontrolled” (general population) situation. The FCC has also revised OET Bulletin No. 65 entitled, “Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields,” to aid in the radiation exposure analysis. This bulletin, as well as other current literature, provides detailed information for conducting an analysis

including tables and mathematical equations that can be used to determine compliance with the Commission's guidelines.

The proposed facility will be co-located with the 1140 kHz operation of KSFN, but no towers are in common. Fencing requirements are based solely on the KXNT operation.

CALCULATION METHODS

Verification of compliance with FCC-specified guidelines for human exposure to RF radiation was obtained from OET Bulletin No. 65.

Table 2 of Supplement A (Edition 97-01) to OET Bulletin 65 (Edition 97-01) provide compliance distances for tower heights of 0.25 wavelength. The electrical height of the proposed towers at the KXNT frequency of 840 kHz is 0.25 wavelength. The highest combined input power to any tower in any operating mode is 41.93 at the input to tower #1 of the proposed daytime directional antenna system. Under this worst-case scenario, a fence of no less than 4.0 meters would be compliant with the radio-frequency energy requirements of the FCC regarding the occupational/controlled and the general population/uncontrolled MPE limits.

Fencing insuring compliance with the general population protection requirement will be provided. The fence will be locked to preclude public access to the tower and appropriate warning signs will also be posted. It is expected that electromagnetic field strength measurements will be conducted to establish that the MPE limits specified by the FCC are not exceeded and that the fencing is appropriate.

OCCUPATIONAL SAFETY

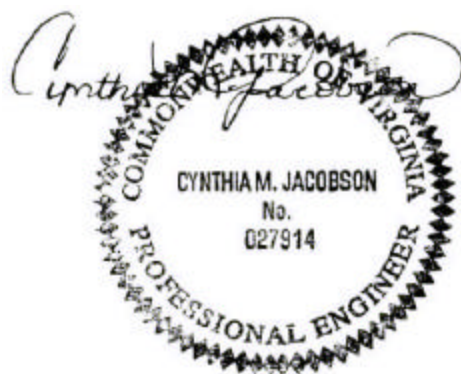
As stated above access to the area surrounding the base of each of the KXNT towers will be restricted to authorized maintenance personnel only. The licensees of KXNT and KSFN, in a cooperative effort, will institute joint procedures to insure protection of station personnel and tower contractors working on or in the immediate vicinity of the towers. Procedures will be followed during times of service or maintenance of the transmission systems to insure that personnel are not exposed to energy levels in excess of the maximum permissible exposure limit.

In light of the above, the proposed facility would be categorically excluded from RF environmental processing under Section 1.1307(b) of the Commission's Rules.

CONCLUSION

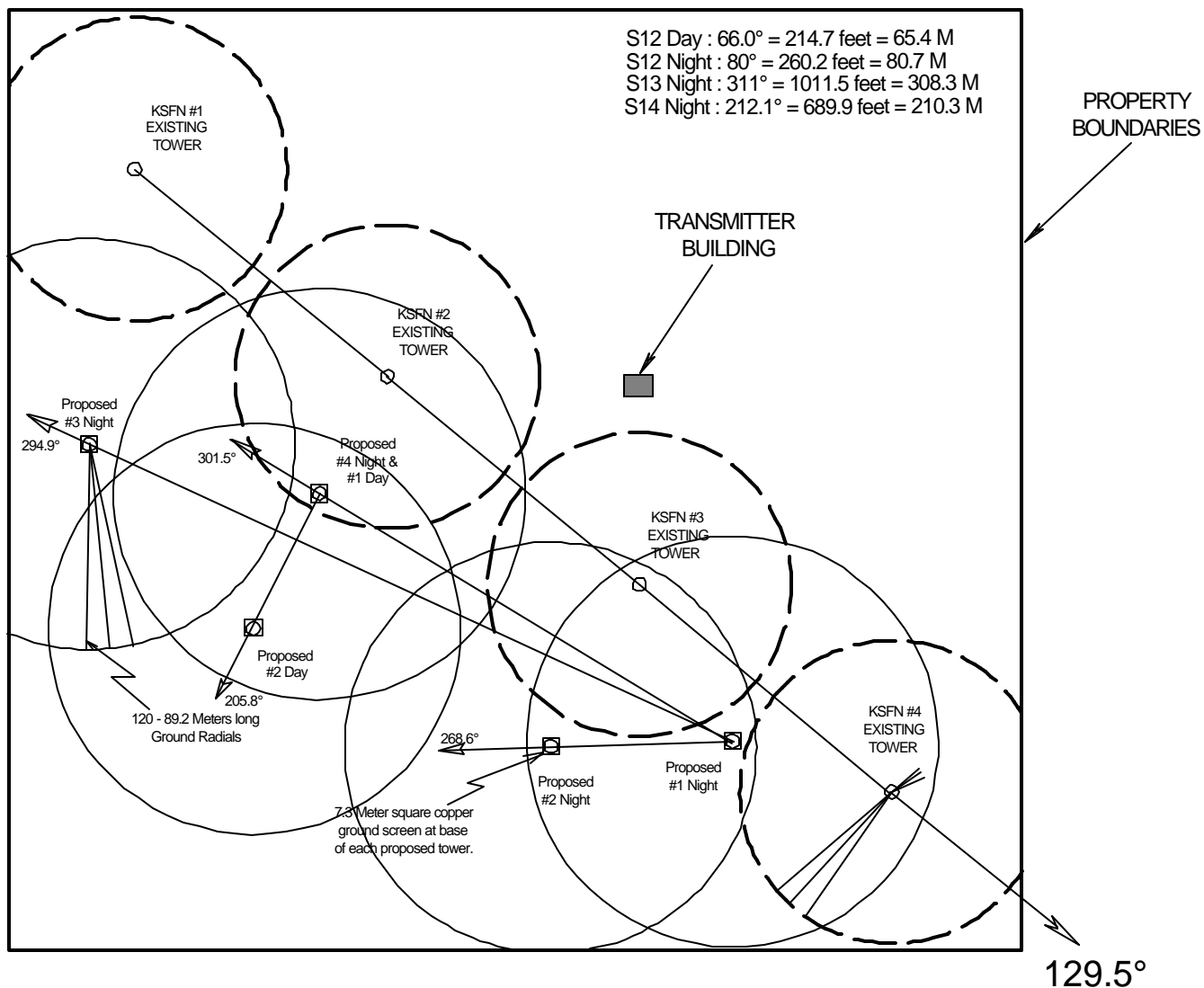
It is submitted that the proposed facility as described herein would comply with the technical standards of the Commission's Rules and Regulations. This engineering statement, Section III of FCC Form 301, and the associated figures were prepared by me or under my direct supervision and are believed to be true and correct.

DATED: February 21, 2008

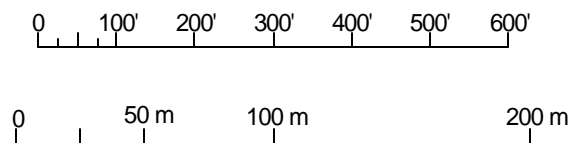


NORTH LATITUDE: 36° 16' 03"
WEST LONGITUDE: 115° 02' 41"

FIGURE 2



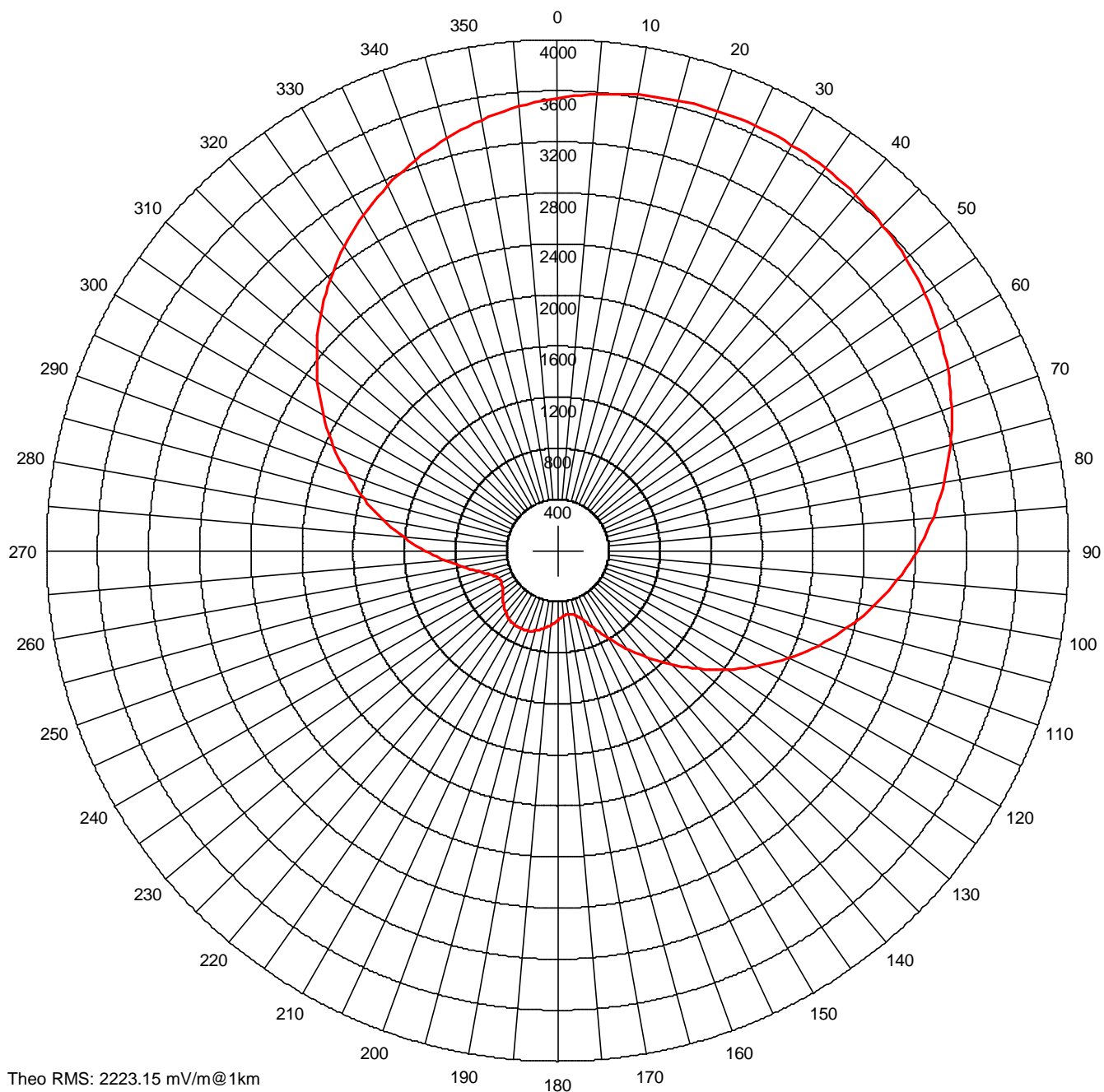
PROPOSED GROUND SYSTEM LAYOUT
 KXNT (AM) - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 kW DAY / 16 kW NIGHT - DA-2-U
 FEBRUARY, 2008



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FIGURE 3

PROPOSED DAYTIME HORIZONTAL PLANE STANDARD RADIATION PATTERN



Theo RMS: 2223.15 mV/m@1km
Std RMS: 2335.485 mV/m@1km
Meas RMS: 0.0 mV/m@1km
Q: 70.711 mV/m@1km

Horizontal Plane Standard Pattern

— Pattern (mV/m @ 1km)
— Meas Pat (mV/m@1km)
— Pattern X10
— Meas Pat X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.1	0	0	0.0	0.0	0.0	0.0
2	0.789	126.3	66.0	205.8	90.1	0	0	0.0	0.0	0.0	0.0

Call: KXNT
Freq: 840 kHz
NORTH LAS VEGAS, NV, US
Lat: 36-16-03 N
Lng: 115-02-41 W
Power: 50.0 kW
Theo RMS: 2223.15 mV/m @ 1km

FIGURE 4

DAYTIME HORIZONTAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	3374.3	3543.8	180	515.8	546.8
5	3417.1	3588.7	185	551.4	583.9
10	3450.1	3623.4	190	585.8	619.7
15	3473.7	3648.2	195	613.9	648.9
20	3488.3	3663.5	200	632.5	668.4
25	3494.1	3669.6	205	640.2	676.4
30	3491.1	3666.5	210	636.2	672.3
35	3479.4	3654.1	215	621.0	656.3
40	3458.7	3632.4	220	595.7	630.0
45	3428.7	3600.9	225	562.8	595.8
50	3389.1	3559.3	230	526.9	558.3
55	3339.5	3507.2	235	494.7	524.9
60	3279.3	3444.1	240	476.5	506.0
65	3208.2	3369.5	245	483.8	513.5
70	3125.8	3283.0	250	525.1	556.5
75	3031.8	3184.3	255	601.8	636.4
80	2926.1	3073.3	260	708.9	748.1
85	2808.8	2950.2	265	839.5	884.7
90	2680.1	2815.1	270	987.6	1039.7
95	2540.8	2668.9	275	1148.1	1207.9
100	2391.5	2512.2	280	1316.9	1384.8
105	2233.5	2346.4	285	1490.7	1567.1
110	2068.2	2173.0	290	1666.6	1751.5
115	1897.3	1993.6	295	1841.8	1935.3
120	1722.8	1810.5	300	2014.1	2116.1
125	1546.9	1626.0	305	2181.4	2291.7
130	1372.2	1442.7	310	2341.9	2460.1
135	1201.4	1263.7	315	2494.0	2619.8
140	1037.8	1092.3	320	2636.7	2769.5
145	885.3	932.6	325	2768.8	2908.2
150	748.4	789.5	330	2889.8	3035.2
155	633.1	669.0	335	2999.2	3150.1
160	546.0	578.2	340	3097.0	3252.7
165	493.1	523.2	345	3183.1	3343.1
170	475.5	504.9	350	3257.8	3421.5
175	486.8	516.7	355	3321.4	3488.3

Fields in mV/m @ 1 Kilometer

FIGURE 5

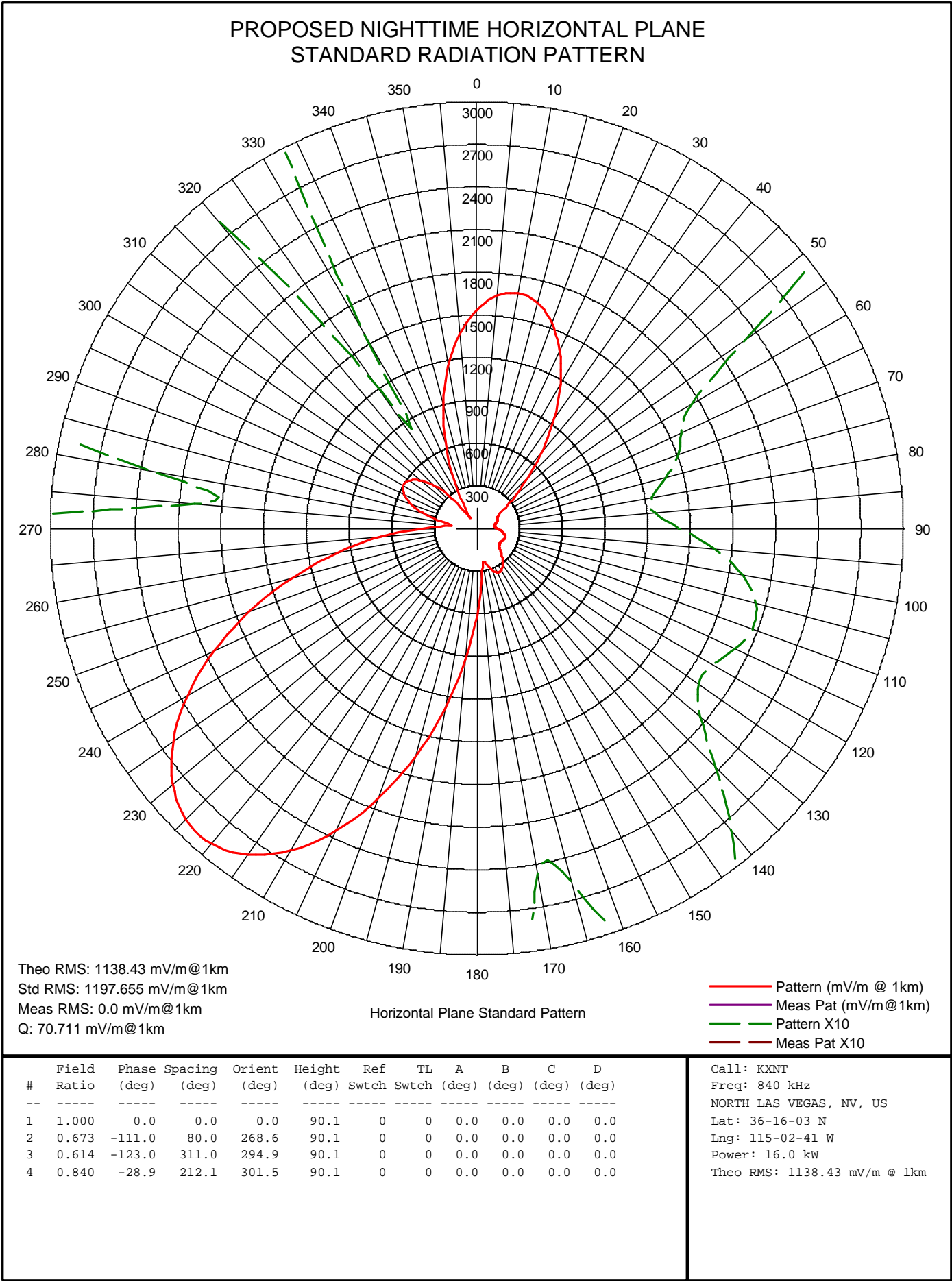


FIGURE 6

NIGHTTIME HORIZONTAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1463.3	1537.0	180	578.0	608.4
5	1564.0	1642.7	185	877.8	922.6
10	1598.3	1678.8	190	1217.6	1279.1
15	1563.7	1642.5	195	1573.5	1652.7
20	1464.1	1537.9	200	1920.6	2017.0
25	1309.6	1375.7	205	2233.5	2345.6
30	1115.4	1171.9	210	2489.1	2613.8
35	900.3	946.2	215	2668.2	2801.9
40	684.0	719.4	220	2758.2	2896.4
45	485.5	511.5	225	2754.2	2892.2
50	321.6	340.3	230	2658.5	2791.8
55	207.0	221.4	235	2480.8	2605.2
60	149.7	162.7	240	2235.7	2347.9
65	133.2	146.0	245	1941.2	2038.7
70	124.6	137.4	250	1616.4	1697.8
75	110.2	123.1	255	1280.1	1344.8
80	95.8	109.0	260	949.3	997.7
85	96.4	109.6	265	639.3	672.5
90	115.9	128.8	270	366.7	387.3
95	142.9	155.8	275	176.4	189.9
100	166.2	179.5	280	208.4	222.8
105	180.1	193.7	285	343.6	363.2
110	183.1	196.8	290	457.9	482.6
115	177.2	190.8	295	532.9	561.2
120	168.5	181.8	300	564.9	594.7
125	167.0	180.3	305	552.9	582.1
130	182.3	196.0	310	497.0	523.5
135	215.1	229.7	315	398.1	420.2
140	256.3	272.4	320	258.7	274.8
145	294.3	311.8	325	86.0	99.6
150	317.8	336.3	330	137.5	150.3
155	317.0	335.5	335	369.2	389.9
160	286.5	303.7	340	617.0	649.2
165	235.4	250.7	345	865.8	910.1
170	223.7	238.6	350	1100.3	1156.1
175	345.0	364.7	355	1304.6	1370.4

Fields in mV/m @ 1 Kilometer

FIGURE 7

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 5 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1460.6	1534.1	180	580.9	611.4
5	1559.0	1637.5	185	878.4	923.3
10	1592.0	1672.1	190	1215.0	1276.5
15	1557.1	1635.4	195	1567.4	1646.3
20	1457.9	1531.4	200	1910.8	2006.8
25	1304.7	1370.5	205	2220.5	2331.9
30	1112.3	1168.6	210	2473.4	2597.4
35	899.1	944.9	215	2651.0	2783.9
40	684.5	720.0	220	2740.8	2878.2
45	487.3	513.4	225	2737.7	2874.9
50	323.9	342.7	230	2644.3	2776.9
55	208.6	223.0	235	2469.8	2593.7
60	149.6	162.5	240	2228.6	2340.4
65	131.9	144.7	245	1938.4	2035.8
70	123.6	136.3	250	1618.1	1699.5
75	109.8	122.7	255	1286.1	1351.0
80	95.6	108.7	260	959.1	1008.0
85	94.8	108.0	265	652.2	686.1
90	112.5	125.3	270	381.0	402.3
95	138.0	150.8	275	183.6	197.2
100	160.4	173.5	280	192.8	206.7
105	173.9	187.4	285	321.9	340.6
110	177.2	190.6	290	434.3	457.9
115	172.0	185.4	295	508.3	535.4
120	164.6	177.8	300	540.0	568.5
125	164.9	178.1	305	528.1	556.0
130	181.5	195.1	310	472.7	498.1
135	214.5	229.1	315	374.8	395.8
140	255.1	271.0	320	236.9	252.2
145	291.9	309.3	325	67.5	82.2
150	314.0	332.3	330	153.5	166.5
155	312.1	330.4	335	383.0	404.3
160	281.1	298.1	340	627.6	660.3
165	231.1	246.2	345	872.9	917.5
170	223.8	238.7	350	1103.9	1159.8
175	348.3	368.1	355	1304.7	1370.6

Fields in mV/m @ 1 Kilometer

FIGURE 8

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 10 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1452.0	1525.2	180	589.1	620.0
5	1544.1	1621.8	185	880.0	924.9
10	1573.2	1652.4	190	1207.3	1268.4
15	1537.1	1614.5	195	1549.0	1627.0
20	1439.5	1512.1	200	1881.7	1976.2
25	1290.0	1355.1	205	2181.7	2291.1
30	1102.7	1158.6	210	2427.1	2548.8
35	895.3	940.9	215	2600.3	2730.6
40	686.0	721.5	220	2689.2	2823.9
45	492.7	518.9	225	2689.0	2823.7
50	330.8	349.7	230	2602.0	2732.4
55	213.6	228.0	235	2436.8	2559.0
60	149.7	162.4	240	2207.1	2317.8
65	128.5	141.0	245	1929.6	2026.5
70	120.5	133.0	250	1622.3	1704.0
75	108.6	121.2	255	1302.9	1368.7
80	95.1	107.9	260	987.4	1037.6
85	91.2	104.2	265	689.9	725.6
90	103.6	116.2	270	424.1	447.2
95	124.6	137.2	275	213.7	228.1
100	144.3	157.0	280	156.0	168.8
105	156.9	169.8	285	259.7	275.8
110	160.7	173.7	290	365.3	385.7
115	158.0	170.9	295	436.4	460.0
120	154.6	167.4	300	466.8	491.9
125	159.5	172.5	305	455.2	479.7
130	179.5	192.9	310	401.4	423.5
135	212.8	227.1	315	306.6	324.5
140	251.1	266.9	320	173.1	186.3
145	284.4	301.4	325	26.7	49.7
150	302.7	320.4	330	201.4	215.4
155	297.5	315.1	335	423.4	446.5
160	265.3	281.5	340	658.4	692.6
165	219.1	233.7	345	893.3	938.9
170	225.2	240.0	350	1113.7	1170.1
175	358.3	378.5	355	1304.7	1370.5

Fields in mV/m @ 1 Kilometer

FIGURE 9

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 15 DEGREES

AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1436.9	1509.3	180	602.0	633.3
5	1518.9	1595.3	185	881.7	926.7
10	1542.0	1619.6	190	1193.9	1254.3
15	1504.3	1580.0	195	1518.5	1594.9
20	1409.2	1480.2	200	1833.9	1926.0
25	1265.7	1329.6	205	2118.3	2224.6
30	1086.8	1141.9	210	2351.7	2469.6
35	888.6	933.9	215	2517.6	2643.8
40	688.0	723.5	220	2605.0	2735.5
45	501.1	527.7	225	2609.2	2740.0
50	342.2	361.5	230	2532.2	2659.1
55	223.0	237.5	235	2381.7	2501.1
60	151.8	164.3	240	2170.2	2279.1
65	124.0	136.2	245	1913.0	2009.1
70	115.2	127.4	250	1626.7	1708.5
75	106.1	118.4	255	1327.6	1394.6
80	94.4	106.9	260	1030.8	1083.0
85	87.7	100.3	265	749.1	787.6
90	92.8	105.3	270	494.1	520.3
95	107.1	119.3	275	279.2	295.8
100	122.4	134.6	280	142.9	155.2
105	133.4	145.6	285	170.4	183.3
110	138.3	150.6	290	257.9	273.7
115	139.4	151.7	295	322.7	341.1
120	142.2	154.5	300	350.8	370.5
125	153.5	166.1	305	339.4	358.6
130	176.9	190.0	310	288.3	305.3
135	209.4	223.5	315	198.3	212.0
140	243.7	259.0	320	72.1	85.6
145	271.2	287.6	325	90.7	103.3
150	283.5	300.3	330	278.3	294.9
155	273.6	290.0	335	486.8	512.7
160	240.3	255.5	340	706.1	742.4
165	202.8	216.7	345	924.2	971.2
170	231.0	245.8	350	1127.8	1184.8
175	375.1	395.9	355	1303.0	1368.7

Fields in mV/m @ 1 Kilometer

FIGURE 10

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 20 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1414.0	1485.2	180	618.0	650.0
5	1483.0	1557.6	185	882.3	927.2
10	1498.5	1573.9	190	1174.2	1233.5
15	1458.9	1532.4	195	1476.0	1550.2
20	1367.5	1436.4	200	1768.5	1857.3
25	1232.1	1294.3	205	2032.3	2134.3
30	1064.4	1118.3	210	2249.7	2362.5
35	878.5	923.3	215	2405.9	2526.4
40	689.6	725.1	220	2490.9	2615.8
45	511.9	538.9	225	2500.6	2625.9
50	357.9	377.8	230	2436.3	2558.4
55	237.6	252.5	235	2304.8	2420.4
60	158.5	170.8	240	2116.9	2223.1
65	120.7	132.4	245	1886.2	1980.9
70	108.5	120.2	250	1627.5	1709.3
75	101.7	113.4	255	1355.5	1423.8
80	93.1	105.0	260	1083.7	1138.6
85	85.7	97.8	265	823.9	866.0
90	84.9	97.0	270	586.0	616.5
95	91.5	103.5	275	378.6	399.4
100	101.5	113.2	280	212.6	226.5
105	110.4	122.1	285	117.7	129.4
110	116.8	128.6	290	133.4	145.3
115	122.7	134.5	295	179.5	192.4
120	132.2	144.0	300	201.9	215.4
125	149.0	161.1	305	190.1	203.3
130	173.9	186.6	310	142.2	154.2
135	203.4	217.0	315	58.9	72.8
140	231.6	246.2	320	58.6	72.5
145	251.4	266.8	325	205.5	219.2
150	256.2	271.8	330	377.4	398.1
155	241.3	256.3	335	567.0	596.6
160	209.3	223.1	340	765.2	804.4
165	188.2	201.3	345	961.1	1009.9
170	244.9	260.0	350	1142.6	1200.4
175	398.3	419.9	355	1297.4	1362.8

Fields in mV/m @ 1 Kilometer

FIGURE 11

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 25 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1381.8	1451.4	180	635.2	667.9
5	1436.1	1508.3	185	880.0	924.7
10	1443.2	1515.8	190	1147.2	1205.1
15	1401.8	1472.4	195	1421.6	1493.2
20	1315.0	1381.2	200	1686.9	1771.6
25	1189.5	1249.5	205	1926.3	2022.9
30	1035.3	1087.6	210	2124.4	2230.9
35	864.5	908.4	215	2268.7	2382.4
40	690.0	725.4	220	2350.5	2468.3
45	524.0	551.5	225	2366.0	2484.6
50	377.2	397.8	230	2316.1	2432.2
55	257.9	273.3	235	2206.4	2317.0
60	172.2	184.5	240	2045.9	2148.5
65	122.6	133.8	245	1846.3	1938.9
70	102.3	113.5	250	1620.2	1701.6
75	95.2	106.4	255	1380.5	1449.9
80	89.9	101.2	260	1139.1	1196.6
85	84.5	95.9	265	906.4	952.4
90	81.6	93.1	270	691.2	726.7
95	83.1	94.6	275	500.3	526.6
100	88.3	99.7	280	339.2	358.0
105	95.3	106.5	285	212.5	226.1
110	103.2	114.3	290	125.3	136.5
115	113.0	124.2	295	81.0	92.6
120	126.9	138.1	300	64.7	77.2
125	145.8	157.4	305	48.2	62.4
130	168.9	181.0	310	45.6	60.2
135	192.9	205.8	315	106.4	117.5
140	213.1	226.7	320	208.1	221.5
145	224.2	238.2	325	338.0	356.7
150	221.4	235.4	330	489.6	515.4
155	203.1	216.3	335	656.1	689.8
160	178.0	190.5	340	828.9	871.2
165	184.1	196.8	345	998.5	1049.1
170	268.9	284.7	350	1154.2	1212.4
175	426.5	449.3	355	1285.2	1349.9

Fields in mV/m @ 1 Kilometer

FIGURE 12

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 30 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1338.8	1406.1	180	651.1	684.5
5	1377.7	1447.0	185	873.0	917.3
10	1376.3	1445.6	190	1112.1	1168.2
15	1333.8	1400.9	195	1355.9	1424.1
20	1252.5	1315.6	200	1590.8	1670.7
25	1138.3	1195.7	205	1803.0	1893.4
30	999.3	1049.9	210	1979.7	2078.9
35	845.6	888.6	215	2110.4	2216.2
40	687.8	723.0	220	2188.0	2297.7
45	535.9	563.8	225	2209.0	2319.7
50	398.8	420.1	230	2173.9	2282.9
55	283.3	299.4	235	2087.2	2191.8
60	194.1	206.6	240	1956.1	2054.1
65	133.9	144.7	245	1790.0	1879.8
70	101.5	111.9	250	1599.6	1680.0
75	88.7	99.3	255	1395.7	1465.9
80	84.2	94.8	260	1188.5	1248.4
85	81.6	92.3	265	986.9	1036.9
90	80.1	90.8	270	798.8	839.4
95	80.7	91.4	275	630.0	662.4
100	84.0	94.6	280	485.2	510.6
105	89.8	100.4	285	367.3	387.2
110	98.2	108.6	290	278.2	294.1
115	109.3	119.8	295	218.3	231.8
120	123.6	134.2	300	187.7	200.0
125	140.6	151.6	305	186.8	199.2
130	158.8	170.2	310	216.9	230.3
135	175.5	187.4	315	277.1	293.0
140	187.0	199.3	320	364.7	384.5
145	189.7	202.1	325	475.4	500.4
150	181.2	193.4	330	604.2	635.3
155	164.5	176.1	335	744.7	782.7
160	157.4	168.8	340	889.5	934.6
165	197.9	210.6	345	1030.2	1082.2
170	302.1	319.0	350	1157.8	1216.2
175	457.4	481.4	355	1263.3	1327.0

Fields in mV/m @ 1 Kilometer

FIGURE 13

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 35 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1283.6	1348.2	180	663.0	696.9
5	1307.8	1373.5	185	859.3	902.8
10	1298.6	1363.9	190	1068.1	1121.9
15	1255.6	1318.8	195	1279.3	1343.7
20	1180.9	1240.3	200	1482.2	1556.6
25	1079.0	1133.4	205	1665.7	1749.3
30	956.5	1004.8	210	1819.6	1910.9
35	821.2	862.9	215	1935.7	2032.7
40	681.6	716.4	220	2007.9	2108.5
45	545.8	573.9	225	2033.4	2135.3
50	420.7	442.9	230	2012.5	2113.4
55	311.9	329.1	235	1948.4	2046.1
60	223.2	236.5	240	1846.7	1939.3
65	156.5	167.4	245	1714.8	1800.8
70	112.3	122.1	250	1561.1	1639.5
75	88.3	98.1	255	1394.5	1464.6
80	78.5	88.4	260	1223.3	1284.8
85	75.8	85.7	265	1055.2	1108.4
90	75.9	85.8	270	896.8	942.1
95	77.8	87.6	275	753.3	791.6
100	81.4	91.2	280	629.0	661.2
105	87.1	96.8	285	526.8	554.1
110	94.9	104.6	290	448.7	472.2
115	104.8	114.6	295	396.0	417.0
120	116.5	126.4	300	369.2	389.0
125	129.0	139.2	305	368.7	388.4
130	140.9	151.3	310	393.9	414.8
135	149.9	160.6	315	443.5	466.7
140	153.7	164.4	320	515.2	541.8
145	150.6	161.3	325	605.4	636.5
150	142.0	152.5	330	709.9	746.1
155	137.8	148.1	335	823.1	864.9
160	160.9	171.9	340	938.8	986.3
165	229.3	242.9	345	1049.9	1102.8
170	341.0	359.4	350	1149.0	1206.9
175	487.8	513.2	355	1229.1	1290.9

Fields in mV/m @ 1 Kilometer

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 40 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1215.3	1276.4	180	668.1	702.1
5	1226.3	1287.9	185	837.0	879.4
10	1210.7	1271.5	190	1014.4	1065.6
15	1168.4	1227.1	195	1192.6	1252.6
20	1101.0	1156.4	200	1363.2	1431.6
25	1012.0	1063.0	205	1517.7	1593.9
30	906.5	952.3	210	1648.5	1731.2
35	790.4	830.4	215	1749.1	1836.8
40	670.0	704.1	220	1814.9	1905.9
45	551.6	579.9	225	1843.6	1936.0
50	440.6	463.6	230	1835.2	1927.2
55	341.4	359.6	235	1791.9	1881.7
60	256.9	271.3	240	1717.8	1804.0
65	188.7	200.3	245	1618.6	1699.8
70	137.4	147.2	250	1500.6	1575.9
75	102.4	111.4	255	1370.7	1439.5
80	81.8	90.7	260	1235.5	1297.6
85	72.2	81.2	265	1101.3	1156.7
90	69.6	78.7	270	973.5	1022.6
95	70.9	80.0	275	856.7	900.0
100	74.4	83.4	280	754.5	792.8
105	79.5	88.5	285	669.8	703.9
110	86.0	94.9	290	604.5	635.3
115	93.5	102.4	295	559.8	588.5
120	101.4	110.4	300	536.4	564.0
125	109.0	118.1	305	534.4	561.8
130	115.0	124.2	310	553.0	581.4
135	118.2	127.5	315	591.1	621.3
140	118.1	127.4	320	646.4	679.3
145	116.3	125.5	325	716.0	752.3
150	119.4	128.7	330	796.2	836.5
155	140.5	150.4	335	882.4	927.0
160	190.7	202.3	340	969.5	1018.4
165	271.7	286.8	345	1052.0	1105.0
170	380.7	400.8	350	1124.0	1180.6
175	514.3	540.8	355	1180.0	1239.4

Fields in mV/m @ 1 Kilometer

FIGURE 15

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 45 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1133.5	1190.5	180	663.7	697.4
5	1133.5	1190.5	185	804.6	845.3
10	1113.4	1169.4	190	950.8	998.7
15	1073.0	1127.0	195	1096.6	1151.8
20	1013.7	1064.7	200	1235.8	1297.9
25	937.9	985.2	205	1362.3	1430.7
30	849.4	892.2	210	1470.4	1544.1
35	752.3	790.4	215	1555.3	1633.3
40	651.4	684.5	220	1613.7	1694.6
45	551.3	579.4	225	1643.8	1726.2
50	455.8	479.3	230	1645.5	1727.9
55	368.4	387.8	235	1620.1	1701.3
60	291.5	307.2	240	1570.5	1649.3
65	226.3	239.1	245	1500.8	1576.1
70	173.5	184.1	250	1415.5	1486.5
75	132.7	141.8	255	1319.8	1386.0
80	103.1	111.4	260	1218.6	1279.8
85	83.5	91.5	265	1116.8	1173.0
90	72.2	80.3	270	1018.8	1070.1
95	67.3	75.4	275	928.2	975.0
100	66.7	74.8	280	848.2	891.0
105	68.8	76.9	285	781.1	820.6
110	72.4	80.5	290	728.7	765.6
115	76.9	84.9	295	692.2	727.3
120	81.4	89.5	300	672.0	706.1
125	85.6	93.6	305	668.3	702.2
130	89.0	97.1	310	680.3	714.8
135	92.2	100.3	315	707.0	742.8
140	97.2	105.4	320	746.5	784.3
145	108.6	117.0	325	796.4	836.7
150	132.6	141.7	330	853.7	896.8
155	174.3	184.9	335	914.8	960.9
160	235.6	248.7	340	975.7	1024.8
165	316.6	333.4	345	1032.1	1084.0
170	416.3	437.9	350	1079.8	1134.1
175	532.9	560.2	355	1114.7	1170.8

Fields in mV/m @ 1 Kilometer

FIGURE 16

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 50 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	1038.3	1090.5	180	647.4	680.2
5	1030.3	1082.1	185	760.8	799.2
10	1007.8	1058.4	190	877.2	921.4
15	970.6	1019.4	195	992.5	1042.4
20	919.8	966.1	200	1102.3	1157.7
25	857.1	900.3	205	1202.4	1262.8
30	785.0	824.6	210	1289.0	1353.6
35	706.4	742.1	215	1358.5	1426.7
40	624.6	656.2	220	1408.8	1479.5
45	542.7	570.3	225	1438.5	1510.6
50	463.6	487.3	230	1447.3	1519.8
55	389.7	409.9	235	1436.1	1508.1
60	322.9	339.8	240	1406.8	1477.3
65	264.2	278.4	245	1362.0	1430.3
70	214.3	226.3	250	1305.0	1370.4
75	173.2	183.4	255	1239.2	1301.4
80	140.4	149.3	260	1168.4	1227.0
85	115.3	123.3	265	1096.0	1151.0
90	96.9	104.5	270	1025.2	1076.7
95	84.4	91.7	275	959.0	1007.2
100	76.7	83.9	280	899.7	945.0
105	72.8	80.0	285	849.4	892.2
110	71.8	79.0	290	809.4	850.2
115	73.0	80.1	295	780.6	820.0
120	75.8	83.0	300	763.7	802.2
125	80.4	87.6	305	758.5	796.8
130	87.2	94.6	310	764.6	803.1
135	97.9	105.4	315	781.0	820.4
140	114.5	122.4	320	806.3	846.9
145	139.4	148.2	325	838.6	880.9
150	174.8	185.0	330	875.7	919.8
155	222.3	234.6	335	914.8	960.8
160	282.8	297.9	340	953.1	1001.0
165	356.5	375.0	345	987.4	1037.0
170	442.8	465.5	350	1014.8	1065.8
175	540.4	567.9	355	1032.6	1084.5

Fields in mV/m @ 1 Kilometer

NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 55 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	930.5	977.3	180	617.5	648.7
5	917.7	963.8	185	704.9	740.5
10	894.8	939.8	190	793.8	833.7
15	862.1	905.5	195	881.3	925.5
20	820.1	861.4	200	964.5	1013.0
25	770.0	808.7	205	1040.8	1093.1
30	713.3	749.2	210	1107.5	1163.1
35	652.0	684.9	215	1162.5	1220.8
40	588.2	618.0	220	1204.2	1264.6
45	523.9	550.5	225	1231.6	1293.3
50	461.2	484.7	230	1244.5	1306.9
55	401.6	422.2	235	1243.5	1305.8
60	346.5	364.4	240	1229.6	1291.2
65	296.9	312.4	245	1204.5	1264.9
70	253.3	266.7	250	1170.2	1228.9
75	215.9	227.6	255	1129.1	1185.7
80	184.6	194.9	260	1083.5	1137.9
85	159.1	168.3	265	1036.0	1088.0
90	139.0	147.4	270	988.7	1038.3
95	123.7	131.5	275	943.7	991.1
100	112.8	120.2	280	902.7	948.1
105	105.8	113.0	285	867.3	910.9
110	102.4	109.4	290	838.5	880.6
115	102.2	109.3	295	817.0	858.1
120	105.4	112.5	300	803.2	843.6
125	112.1	119.5	305	797.1	837.2
130	122.9	130.6	310	798.4	838.5
135	138.6	146.9	315	806.3	846.9
140	160.1	169.4	320	819.9	861.2
145	188.6	199.0	325	837.8	880.0
150	224.8	236.9	330	858.4	901.6
155	269.4	283.7	335	879.8	924.0
160	323.0	339.7	340	900.1	945.3
165	385.3	405.0	345	917.1	963.2
170	455.9	479.1	350	929.0	975.7
175	533.8	560.8	355	934.0	980.9

Fields in mV/m @ 1 Kilometer

FIGURE 18

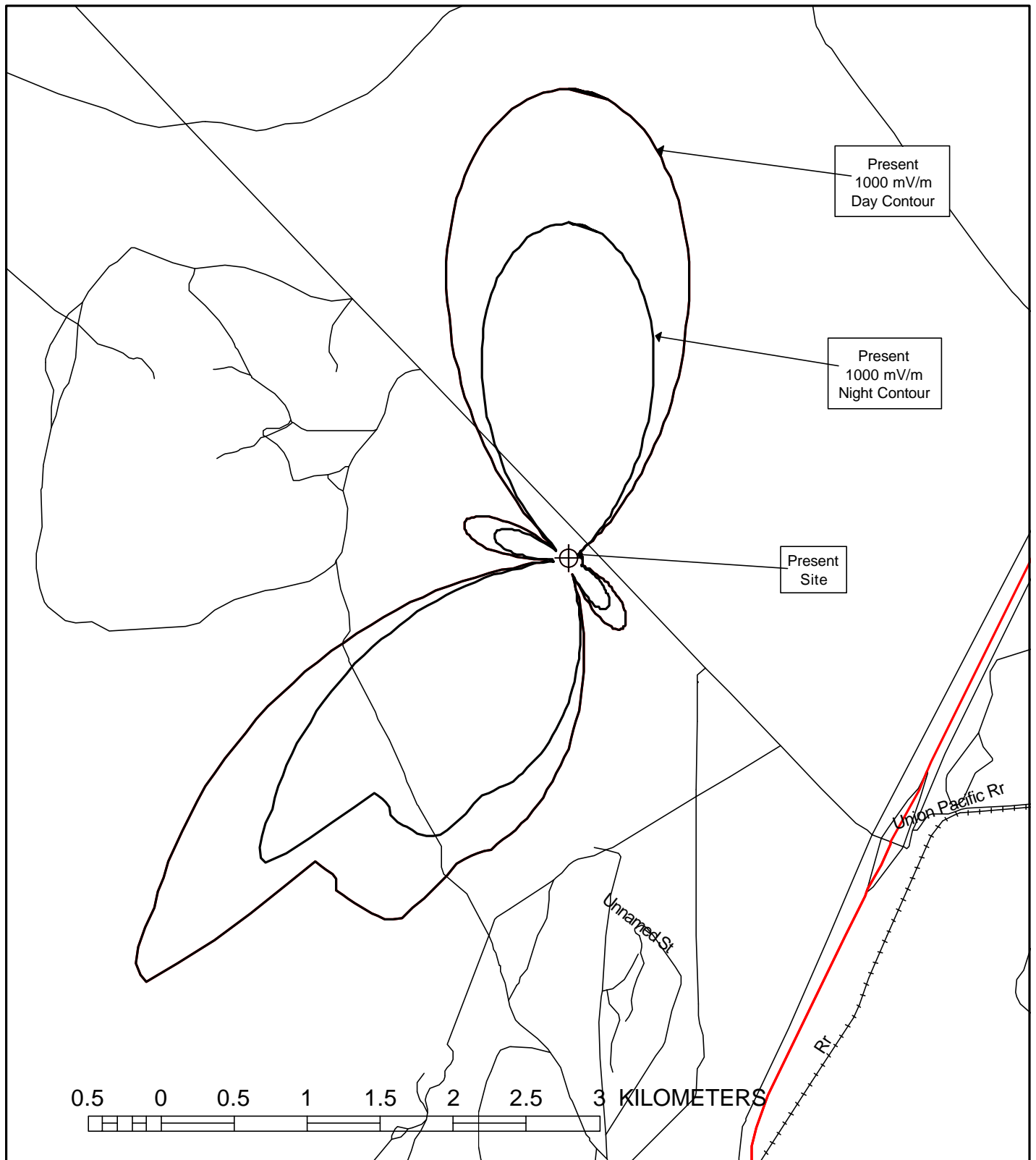
NIGHTTIME VERTICAL FIELDS

KXNT - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2

VERTICAL ANGLE 60 DEGREES					
AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	811.7	852.5	180	572.6	601.5
5	796.9	836.9	185	636.6	668.6
10	775.8	814.8	190	701.0	736.3
15	748.4	786.1	195	764.2	802.6
20	715.2	751.2	200	824.3	865.7
25	676.8	710.9	205	879.8	923.9
30	634.3	666.2	210	928.9	975.5
35	588.6	618.3	215	970.4	1019.1
40	541.2	568.6	220	1003.3	1053.6
45	493.3	518.3	225	1027.0	1078.5
50	446.1	468.8	230	1041.3	1093.5
55	400.8	421.2	235	1046.4	1098.8
60	358.1	376.5	240	1042.9	1095.2
65	318.9	335.4	245	1031.9	1083.6
70	283.7	298.4	250	1014.5	1065.3
75	252.6	265.8	255	992.0	1041.7
80	225.9	237.8	260	966.0	1014.5
85	203.5	214.4	265	938.0	985.0
90	185.2	195.2	270	909.4	955.0
95	170.9	180.3	275	881.6	925.8
100	160.4	169.3	280	855.7	898.6
105	153.5	162.1	285	832.7	874.5
110	150.1	158.6	290	813.3	854.2
115	150.3	158.7	295	798.2	838.3
120	154.0	162.6	300	787.5	827.0
125	161.5	170.4	305	781.2	820.5
130	173.0	182.5	310	779.2	818.4
135	189.0	199.2	315	781.0	820.3
140	209.8	221.0	320	786.0	825.5
145	235.9	248.4	325	793.2	833.0
150	267.7	281.6	330	801.6	841.9
155	305.2	321.0	335	810.1	850.8
160	348.7	366.5	340	817.4	858.5
165	397.7	418.0	345	822.4	863.7
170	452.0	474.9	350	823.7	865.1
175	510.6	536.4	355	820.4	861.6

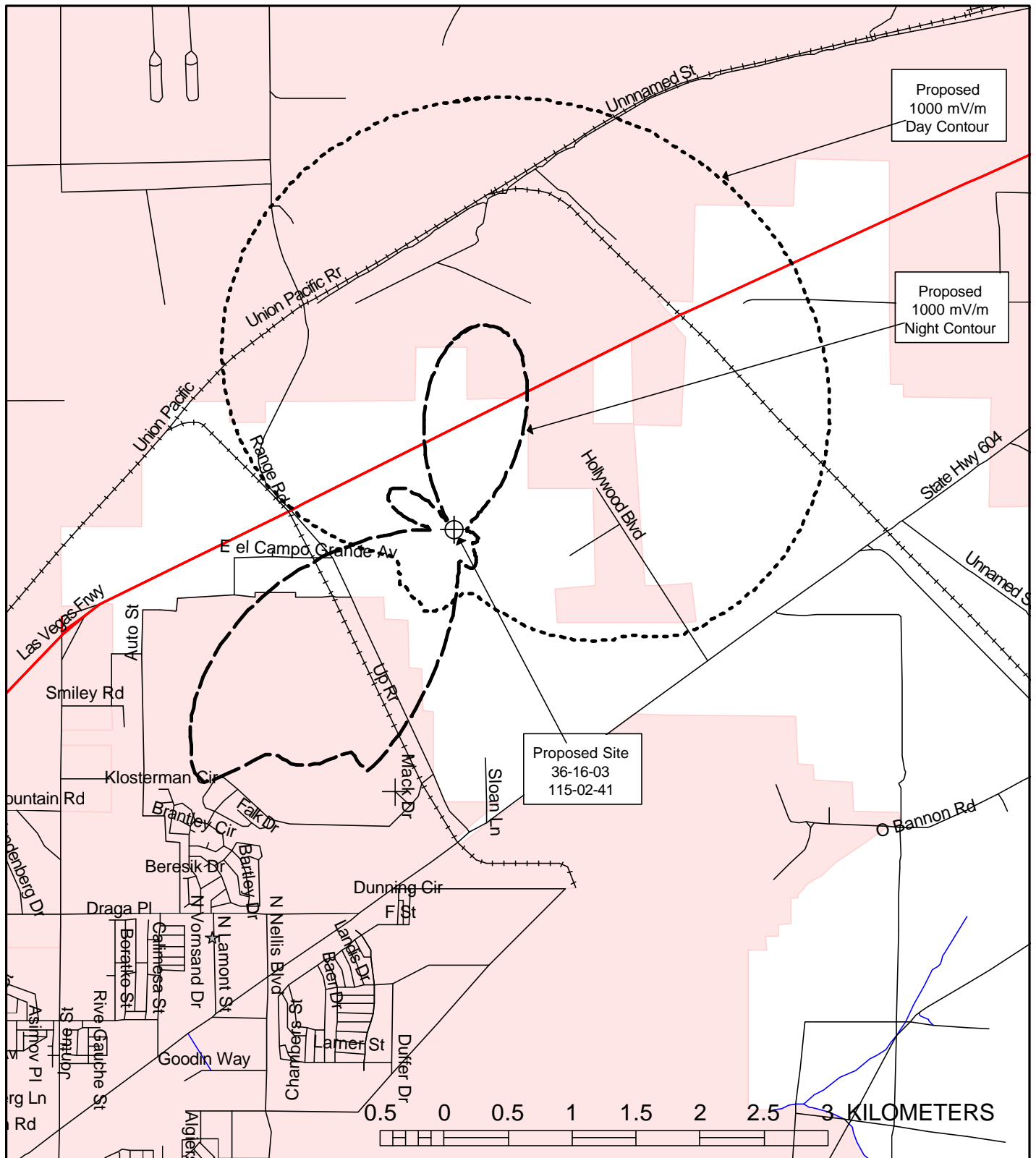
Fields in mV/m @ 1 Kilometer

FIGURE 19



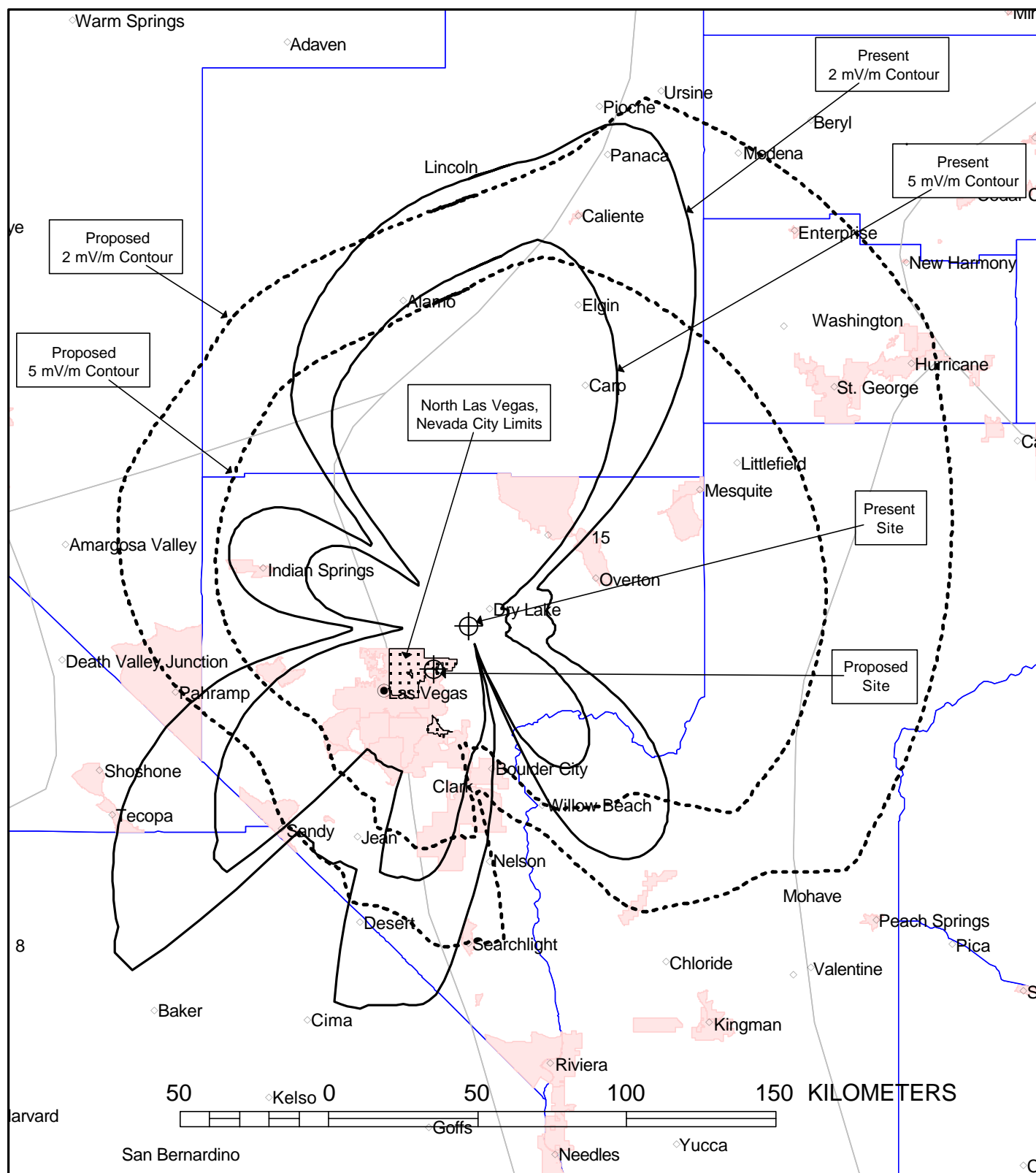
PRESENT DAYTIME & NIGHTTIME
1000 MV/M CONTOURS
KXNT(AM) - NORTH LAS VEGAS, NEVADA
840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
FEBRUARY, 2008

FIGURE 20



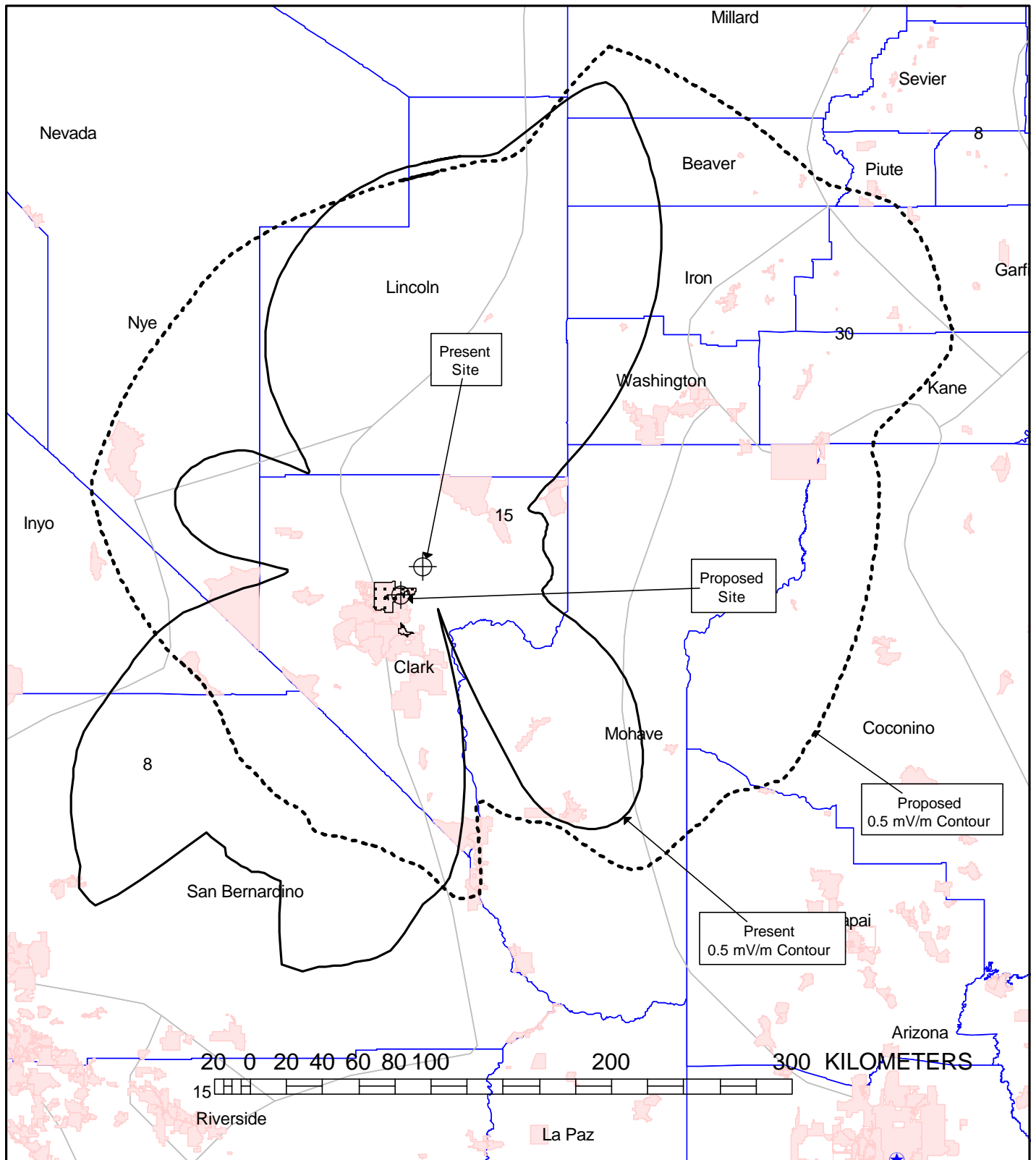
PROPOSED DAYTIME & NIGHTTIME
1000 MV/M CONTOURS
KXNT(AM) - NORTH LAS VEGAS, NEVADA
840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
FEBRUARY, 2008

FIGURE 21



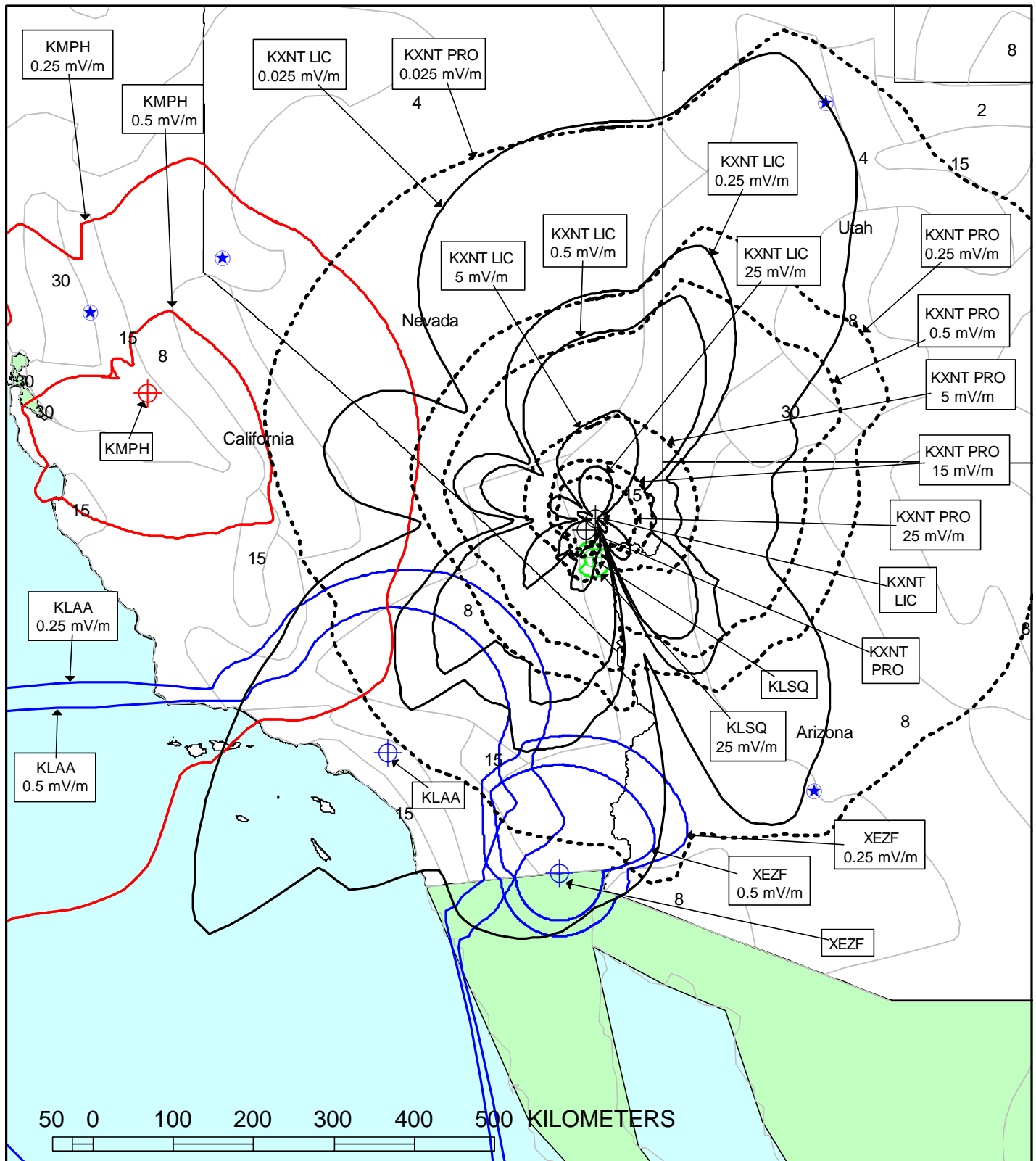
PRESENT AND PROPOSED 2.0 & 5.0 MV/M
DAYTIME CONTOURS
KXNT - NORTH LAS VEGAS, NEVADA
840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
FEBRUARY, 2008

FIGURE 22



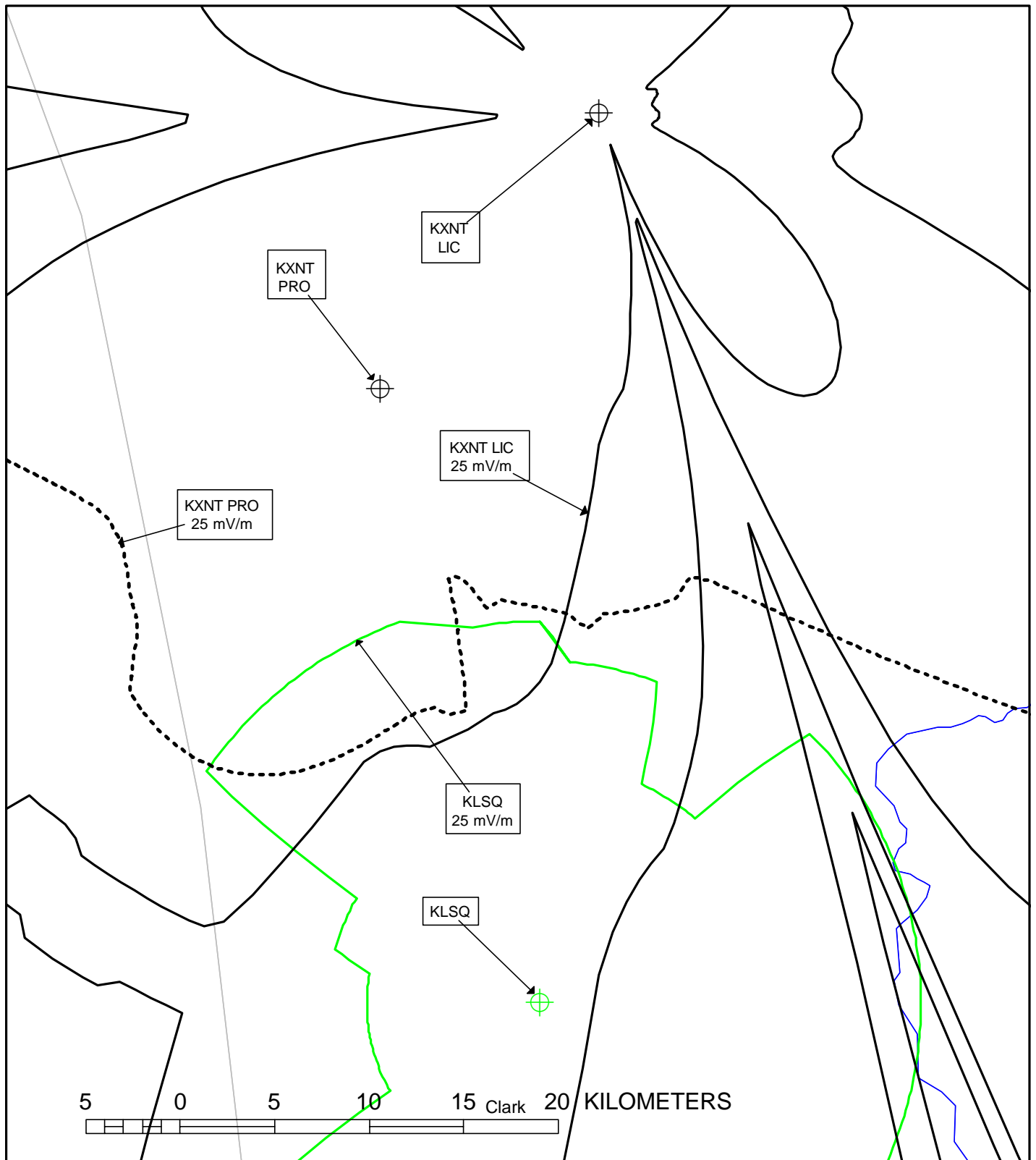
PRESENT AND PROPOSED 0.5 MV/M
DAYTIME CONTOURS
KXNT - NORTH LAS VEGAS, NEVADA
840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
FEBRUARY, 2008

FIGURE 23



DAYTIME ALLOCATION STUDY
 KXNT(AM) - NORTH LAS VEGAS, NEVADA
 840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
 FEBRUARY, 2008

FIGURE 24



DAYTIME ALLOCATION STUDY (EXPANDED)
KXNT(AM) - NORTH LAS VEGAS, NEVADA
840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
FEBRUARY, 2008

Frequency: 840

Explanation of "CODE" which appears on the right edge of this report:

```

CODE
123456
||||| -- [6] Corresponding expanded band domestic status (if
|||||      this is a lower band station)
||||| --- [5] Not included in RSS Calculation because:
|||||      (1) Deleted Domestically
|||||      (2) Application
|||||      (3) Petition for Expanded Band
|||||      (4) Objected
|||||      (5) B-List or D-List
|||||      (6) Class D station (formally 2S or 3S)
|||||      (7) Cuban Operation
|||||      (8) Multiple Entry
|||||      (9) Test record
||||| ---- [4] FCC Dummy Data Code
|||||      (B) Some data assumed; (V) Vertical antenna parameters assumed;
|||||      (1) Vertical and horizontal antenna parameters assumed;
|||||      (2) Coordinates are assumed
||||| ----- [3] FCC Bad Record Code
|||||      (B) Some data known to be bad; (V) Bad vertical antenna parameters;
|||||      (1) Bad coordinates; (2) Bad horizontal antenna parameters;
|||||      (3) Bad horizontal and vertical antenna parameters
||||| ----- [2] IFRB Notified Status
|||||      (A) Negotiated Priority; (P) Proposed; (T) Informal Proposal
|||||      (O) Operating; (U) Un-notified; (Z) Test Record
||||| ----- [1] Domestic Status
|||||      (C) Construction Permit; (L) License; (A) Application;
|||||      (D) Deleted; (M) Petition for Expanded Band;
|||||      (P) Planned expanded band; (T) Test;
|||||      (S) Petition for expanded band w/ stereo

```

KXNTPRO 840 kHz NORTH LAS VEGAS, NV US 16.0000 kW 1138.43 mV/m @ km Dom Cl: B
 N 36-16-03 W 115-02-41 Hours: N Mode: DA2 Reg2 Cl: B
 PROPOSED STATION

No.	Field	Phase	Spacing	Orient	Height	Ref Top/SW	A	B	C	D
1	1.0000000	.0000	.0000	.0000	90.10	0 0	.00	.00	.00	.00
2	.6730000	-111.0000	80.0000	268.6000	90.10	0 0	.00	.00	.00	.00
3	.6140000	-123.0000	311.0000	294.9000	90.10	0 0	.00	.00	.00	.00
4	.8400000	-28.9000	212.1000	301.5000	90.10	0 0	.00	.00	.00	.00

SUMMARY OF LIMITS TO KXNT 840 kHz NORTH LAS VEGAS,NV US 25.0000 kW 1408.18 mV/m @ km Dom Cl: B Dom Stat: L
N 36-23-53 W 114-54-57 E(Nom): .0000 Hours: N Mode: DA2 Reg2 Cl: B Not stat: O

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	38.46	18.5	82.61/85.52	788.91	186.95	.4648545	17.3811		LO
WHAS	LOUISVILLE	KY US	N 38-15-40	W 085-25-43	274.63	2604.4	.00/ .00	2913.28	2913.28	.0069578	4.0540	4.054	LO
XENVA2	NOGALES	SO MX	N 31-19-00	W 110-58-00	328.24	672.3	10.57/18.05	221.85	216.37	.0828555	3.5855		P 4
XENVA2	JANOS	CH MX	N 30-54-22	W 108-11-01	316.25	872.0	7.41/13.35	221.85	219.14	.0571691	2.5056		P 4
+ KOA	DENVER	CO US	N 39-30-22	W 104-45-57	251.96	954.0	6.43/11.91	2560.43	2465.46	.0469427	2.3147	4.668	LO
50% Exclusion													
NEW	COLUMBIA FALLS	MT US	N 48-22-00	W 114-11-00	182.84	1332.2	3.16/ 7.16	401.32	400.54	.0238280	1.9088		P
NEW	ALAMOGORDO	NM US	N 32-54-00	W 105-57-00	297.88	907.2	6.97/12.71	167.75	178.77	.0533345	1.9069		P
XENVA2	OJINAGA	CH MX	N 29-33-18	W 104-24-07	310.58	1239.9	3.83/ 8.11	221.85	221.12	.0332706	1.4714		P 4
25% Exclusion													
YVMY	BARQUISIMETO	VE	N 10-04-00	W 069-20-00	310.20	5428.8	.00/ .00	2188.21	2188.21	.0025800	1.1291		O 5
KSWB	SEASIDE	OR US	N 45-58-55	W 123-55-02	141.68	1303.1	3.36/ 7.45	201.38	200.95	.0265699	1.0679		LO

SUMMARY OF LIMITS TO KXNTPRO 840 kHz NORTH LAS VEGAS,NV US 16.0000 kW 1138.43 mV/m @ km Dom Cl: B Dom Stat: L
N 36-16-03 W 115-02-41 E(Nom): .0000 Hours: N Mode: DA2 Reg2 Cl: B Not stat: O

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	218.53	18.5	82.61/85.52	3326.20	273.92	.4648545	25.4663		LO 4
WHAS	LOUISVILLE	KY US	N 38-15-40	W 085-25-43	274.37	2619.0	.00/ .00	2913.28	2913.28	.0069004	4.0206	4.021	LO
XENVA2	NOGALES	SO MX	N 31-19-00	W 110-58-00	326.72	667.0	10.67/18.20	221.85	216.26	.0837877	3.6240		P 4
XENVA2	JANOS	CH MX	N 30-54-22	W 108-11-01	315.03	870.9	7.42/13.38	221.85	219.13	.0573044	2.5114		P 4
+ KOA	DENVER	CO US	N 39-30-22	W 104-45-57	251.46	970.5	6.25/11.64	2560.43	2470.67	.0457371	2.2600	4.612	LO
50% Exclusion													
NEW	COLUMBIA FALLS	MT US	N 48-22-00	W 114-11-00	183.31	1347.2	3.06/ 7.02	403.97	403.22	.0234149	1.8883		P
NEW	ALAMOGORDO	NM US	N 32-54-00	W 105-57-00	296.75	912.4	6.91/12.62	163.60	174.49	.0529130	1.8466		P
XENVA2	OJINAGA	CH MX	N 29-33-18	W 104-24-07	309.72	1241.3	3.82/ 8.09	221.85	221.13	.0332414	1.4701		P 4
KMPH	MODESTO	CA US	N 37-42-34	W 120-43-34	105.90	529.4	14.02/23.10	39.31	56.93	.1127980	1.2844	4.788	LO
25% Exclusion													
YVMY	BARQUISIMETO	VE	N 10-04-00	W 069-20-00	309.99	5434.5	.00/ .00	2188.21	2188.21	.0025825	1.1302		O 5
KSWB	SEASIDE	OR US	N 45-58-55	W 123-55-02	142.46	1309.3	3.32/ 7.39	201.38	200.96	.0264153	1.0617		LO

SUMMARY OF LIMITS TO KLAA 830 kHz ORANGE,CA US 20.0000 kW 1449.80 mV/m @ km Dom Cl: B Dom Stat: L
N 33-55-43 W 117-36-57 E(Nom): .0000 Hours: N Mode: DAN Reg2 Cl: B Not stat: O

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
+ KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	222.58	368.3	20.51/32.14	3176.13	2931.61	.1736975	10.1843	10.184	LO 4
+ KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	222.71	349.8	21.58/33.55	2906.56	2588.28	.1833932	9.4934		LO
50% Exclusion													
WCCO	MINNEAPOLIS	MN US	N 45-10-40	W 093-20-55	247.24	2413.4	.00/ .21	2899.14	2899.14	.0076872	4.4572	11.117	LO
NEW	MILTON	OR US	N 45-56-00	W 118-23-00	176.94	1336.5	3.13/ 7.12	628.02	626.22	.0263215	3.2966		P
KNCO	GRASS VALLEY	CA US	N 39-12-54	W 121-00-48	151.67	661.4	10.79/18.37	179.88	186.75	.0840619	3.1396	11.552	LO
25% Exclusion													
	BELIZE CITY	BH	N 17-30-00	W 088-12-00	307.70	3447.2	.00/ .00	2188.21	2188.21	.0064823	2.8369		O 5
XENVA2	SAN FELIPE	BN MX	N 31-03-48	W 114-50-10	321.45	411.6	18.34/29.20	96.59	89.58	.1532139	2.7449		P 4
XENVA2	CD.JUAREZ	CH MX	N 31-44-15	W 106-29-08	286.17	1067.5	5.27/10.21	216.00	214.66	.0423658	1.8189		P 4

FIGURE 25
PAGE 3 of 8

SUMMARY OF LIMITS TO KNCO 830 kHz GRASS VALLEY,CA US 5.0000 kW 654.00 mV/m @ km Dom Cl: B Dom Stat: L
N 39-12-54 W 121-00-48 E(Nom): .0000 Hours: N Mode: DAN Reg2 Cl: B Not stat: O

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
NEW	MILTON	OR US	N 45-56-00	W 118-23-00	196.98	777.3	8.74/15.33	435.63	429.70	.0608777	5.2319		P
WCCO	MINNEAPOLIS	MN US	N 45-10-40	W 093-20-55	263.49	2360.3	.00/ .45	2899.14	2899.14	.0067772	3.9296	3.929	LO
50% Exclusion													
KLAA	ORANGE	CA US	N 33-55-43	W 117-36-57	333.70	661.4	10.79/18.37	119.08	112.11	.0840621	1.8848	4.358	LO
	BELIZE CITY	BH	N 17-30-00	W 088-12-00	314.12	3980.0	.00/ .00	2188.21	2188.21	.0042786	1.8725		O 5
25% Exclusion													
NEW	MEDFORD	OR US	N 42-17-44	W 122-48-15	155.64	374.3	20.19/31.71	51.16	30.54	.1687869	1.0310		AP 2
NEW	GRANTS PASS	OR US	N 42-24-19	W 123-17-52	150.79	403.5	18.72/29.72	31.39	32.38	.1548006	1.0025		AP 2
KHVH	HONOLULU	HI US	N 21-19-26	W 157-52-32	51.97	4021.0	.00/ .00	951.69	951.69	.0050890	.9686		LO
XENVA2	CD.JUAREZ	CH MX	N 31-44-15	W 106-29-08	306.38	1553.3	1.79/ 5.24	216.00	215.84	.0220710	.9528		P 4
XELA	LA MAGDALENA AT	DF MX	N 19-22-26	W 099-06-31	321.08	3046.0	.00/ .00	612.17	612.17	.0074670	.9142		O 4
XEVQ1	CULIACAN	SI MX	N 24-49-56	W 107-24-17	324.71	2045.1	.00/ 2.05	286.24	286.24	.0145484	.8329		P 4
+ KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	303.79	618.5	11.70/19.72	590.21	451.04	.0912461	.8231		LO

SUMMARY OF LIMITS TO KFLT 830 kHz TUCSON,AZ US 1.0000 kW 288.87 mV/m @ km Dom Cl: B Dom Stat: L
N 32-26-39 W 111-05-27 E(Nom): .0000 Hours: N Mode: DAN Reg2 Cl: B Not stat: O

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
WCCO	MINNEAPOLIS	MN US	N 45-10-40	W 093-20-55	233.26	2081.3	.00/ 1.85	2899.14	2899.14	.0107725	6.2462	6.246	LO
XENVA2	CD.JUAREZ	CH MX	N 31-44-15	W 106-29-08	281.48	440.9	17.08/27.46	216.00	202.33	.1415665	5.7288		P 4
	BELIZE CITY	BH	N 17-30-00	W 088-12-00	310.25	2832.4	.00/ .00	2188.21	2188.21	.0096536	4.2248		O 5
XEDR1	GUAYMAS	SO MX	N 27-54-58	W 110-56-00	358.32	503.7	14.81/24.24	152.73	145.42	.1246141	3.6242		P 4
XEVQ1	CULIACAN	SI MX	N 24-49-56	W 107-24-17	337.84	919.5	6.82/12.49	286.24	283.28	.0574289	3.2537		P 4
XENVA2	SAN FELIPE	BN MX	N 31-03-48	W 114-50-10	65.58	385.9	19.58/30.89	96.59	88.64	.1651025	2.9269		P 4
XELA	LA MAGDALENA AT	DF MX	N 19-22-26	W 099-06-31	322.97	1880.6	.14/ 3.00	612.17	612.17	.0198483	2.4301		O 4
50% Exclusion													
KLAA	ORANGE	CA US	N 33-55-43	W 117-36-57	103.40	629.1	11.47/19.38	100.86	107.16	.0908348	1.9468	6.543	LO
- WBAP	FORT WORTH	TX US	N 32-36-38	W 097-10-00	272.95	1304.6	3.35/ 7.43	2810.82	2788.34	.0304855	1.7001	6.760	LO
XELK	ZACATECAS	ZA MX	N 22-46-18	W 102-37-35	324.10	1359.8	2.98/ 6.90	252.11	251.41	.0323348	1.6259		O 4
25% Exclusion													
NEW	MILTON	OR US	N 45-56-00	W 118-23-00	154.87	1624.5	1.40/ 4.70	436.66	436.51	.0185668	1.6209		P
TGAX	SATELITE	GT	N 14-32-00	W 091-30-00	318.50	2810.8	.00/ .00	692.00	692.00	.0103953	1.4387		O 5
YVLT	SAN ANTONIO	VE	N 10-24-00	W 066-56-00	305.44	5135.4	.00/ .00	2188.21	2188.21	.0031656	1.3854		O
XENVA2	MANUEL BENAVIDE	CH MX	N 29-10-02	W 104-15-03	300.87	747.8	9.21/16.03	96.88	95.06	.0727334	1.3828		P 4
YSPX	SAN MIGUEL	ES	N 13-29-00	W 088-11-00	316.02	3139.5	.00/ .00	618.90	618.90	.0085510	1.0584		O 5
XEVQ	CULIACAN	SI MX	N 24-49-56	W 107-24-17	337.84	919.5	6.82/12.49	90.51	89.58	.0574289	1.0288		O 4
+ XENVA2	NOGALES	SO MX	N 31-19-00	W 110-58-00	354.69	125.9	48.53/61.92	221.85	128.49	.3665848	.9421		P 4
XELN	LINARES	NL MX	N 24-52-21	W 099-33-22	309.47	1403.9	2.69/ 6.49	147.20	146.96	.0296341	.8710		O 4
HCRN1	GUAYAQUIL	EC	S 2-12-00	W 079-53-00	322.20	5061.5	.00/ .00	978.60	978.60	.0042733	.8364		O
HCRN2	QUITO 3	EC	S 0-11-00	W 078-30-00	319.84	4983.9	.00/ .00	978.60	978.60	.0042651	.8348		O
+ KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	140.31	562.4	13.09/21.75	425.02	387.20	.1049858	.8130		LO 4
HRXS	S PEDRO SULA	HO	N 15-30-00	W 088-02-00	313.11	2993.6	.00/ .00	437.60	437.60	.0090213	.7895		O
+ XENVA2	JANOS	CH MX	N 30-54-22	W 108-11-01	302.62	323.9	23.22/35.68	221.85	196.54	.1964232	.7721		P 4
HOB 56	RAD PENINSUL	PM	N 6-14-00	W 080-34-00	313.34	4178.0	.00/ .00	692.00	692.00	.0053437	.7396		O 5
KHVH	HONOLULU	HI US	N 21-19-26	W 157-52-32	64.78	4762.4	.00/ .00	951.69	951.69	.0038481	.7324		LO
NEW	CORPUS CHRISTI	TX US	N 27-47-00	W 097-24-00	294.83	1413.8	2.63/ 6.40	125.73	125.64	.0278570	.7000		P
KNCO	GRASS VALLEY	CA US	N 39-12-54	W 121-00-48	127.08	1167.9	4.39/ 8.93	92.75	91.62	.0357516	.6551		LO
HJDM	MEDELLIN 7	CO	N 6-14-00	W 075-35-00	313.10	4689.0	.00/ .00	691.71	691.71	.0042984	.5946		O
- XEVMS	MEXICALI	BN MX	N 32-37-40	W 115-34-48	91.57	421.3	17.91/28.61	201.28	188.57	.1490248	.5620		P 4
- XEABCA	MEXICALI	BC MX	N 32-37-08	W 115-32-08	91.47	417.1	18.10/28.86	195.73	181.88	.1507150	.5482		P 4
XE	SAN DIEGO	PU MX	N 20-26-30	W 097-41-54	317.85	1883.1	.13/ 2.98	140.59	140.59	.0194283	.5463		P 4
+ KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	138.38	558.9	13.18/21.89	260.18	252.31	.1058546	.5342		LO

SUMMARY OF LIMITS TO KMAX 840 kHz COLFAX,WA US .2800 kW 315.20 mV/m @ km Dom Cl: B Dom Stat: L
N 46-54-50 W 117-19-28 E(Nom): .0000 Hours: N Mode: ND2 Reg2 Cl: B Not stat: O

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	351.08	1186.1	4.24/ 8.71	2249.92	2245.10	.0304342	13.6656	13.666	LO 4
NEW	COLUMBIA FALLS	MT US	N 48-22-00	W 114-11-00	236.70	285.4	26.11/39.29	362.34	333.36	.2008198	13.3892		P
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	351.65	1198.8	4.14/ 8.57	1231.45	1238.42	.0299518	7.4186		LO
----- 50% Exclusion -----													
KSWB	SEASIDE	OR US	N 45-58-55	W 123-55-02	76.03	515.5	14.44/23.70	201.38	193.67	.1018805	3.9463	14.224	LO
----- 25% Exclusion -----													
CKBX	ONE HUNDRED MIL	BC CA	N 51-40-11	W 121-17-22	149.94	601.7	12.09/20.30	200.11	195.00	.0717660	2.7989		

SUMMARY OF LIMITS TO XENVA2 840 kHz NOGALES,SO MX .5000 kW 313.74 mV/m @ km Dom Cl: B Dom Stat:
N 31-19-00 W 110-58-00 E(Nom): 2.5000 Hours: N Mode: ND1 Reg2 Cl: B Not stat: P

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	146.04	672.3	14.39/14.39	396.59	335.54	.1021076	6.8522	6.852	LO 4
XENVA2	JANOS	CH MX	N 30-54-22	W 108-11-01	280.49	268.8	34.86/34.86	221.85	168.48	.1852848	6.2435		P 4
NEW	ALAMOGORDO	NM US	N 32-54-00	W 105-57-00	250.91	504.2	19.67/19.67	222.77	249.44	.1235299	6.1627		P
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	144.45	667.0	14.52/14.52	309.64	288.16	.1027507	5.9218		LO
XENVA2	OJINAGA	CH MX	N 29-33-18	W 104-24-07	288.93	659.0	14.72/14.72	221.85	211.34	.1037146	4.3838		P 4
WHAS	LOUISVILLE	KY US	N 38-15-40	W 085-25-43	259.36	2447.3	.00/ .00	2913.28	2913.28	.0060236	3.5097	7.698	LO
----- 50% Exclusion -----													
KMPH	MODESTO	CA US	N 37-42-34	W 120-43-34	125.63	1141.2	6.95/ 6.95	215.47	215.58	.0505932	2.1814		LO

SUMMARY OF LIMITS TO XENVA2 840 kHz OJINAGA,CH MX .5000 kW 313.74 mV/m @ km Dom Cl: B Dom Stat:
N 29-33-18 W 104-24-07 E(Nom): 2.5000 Hours: N Mode: ND1 Reg2 Cl: B Not stat: P

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code
NEW	ALAMOGORDO	NM US	N 32-54-00	W 105-57-00	158.00	400.0	24.69/24.69	269.11	260.06	.1427059	7.4225		P
WHAS	LOUISVILLE	KY US	N 38-15-40	W 085-25-43	246.65	1995.1	.98/ .98	2913.28	2910.97	.0104339	6.0745	6.074	LO
XENVA2	JANOS	CH MX	N 30-54-22	W 108-11-01	111.51	393.1	25.09/25.09	221.85	192.58	.1443645	5.5603		P 4
KVJY	PHARR	TX US	N 26-19-00	W 098-06-16	301.65	715.6	13.37/13.37	288.25	275.65	.0966612	5.3289		LO 4
XENVA2	NOGALES	SO MX	N 31-19-00	W 110-58-00	105.61	659.0	14.72/14.72	221.85	211.34	.1037146	4.3838		P 4
XEXXX	TAMAZULA DE GOR	JA MX	N 19-38-59	W 103-15-55	354.27	1107.4	7.32/ 7.32	293.54	290.03	.0538851	3.1256		O 4
----- 50% Exclusion -----													
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	124.84	1239.9	5.99/ 5.99	289.10	290.39	.0427055	2.4802		LO 4
XEMY	CD.MANTE	TA MX	N 22-48-54	W 098-56-45	325.17	926.0	9.60/ 9.60	167.89	164.79	.0717413	2.3644		O 4
XETEX	TEPIC	NA MX	N 21-31-23	W 104-55-26	3.25	894.6	10.07/10.07	150.59	147.28	.0753408	2.2192		P 4
XEFG1	CELAYA	GT MX	N 20-31-38	W 100-46-13	340.72	1068.2	7.76/ 7.76	188.94	186.67	.0572924	2.1390		P 4
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	123.92	1241.3	5.97/ 5.97	182.15	178.53	.0426074	1.5213		LO

SUMMARY OF LIMITS TO XENVA2 840 kHz JANOS,CH MX .5000 kW 313.74 mV/m @ km Dom Cl: B Dom Stat:
N 30-54-22 W 108-11-01 E(Nom): 2.5000 Hours: N Mode: ND1 Reg2 Cl: B Not stat: P

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code
NEW	ALAMOGORDO	NM US	N 32-54-00	W 105-57-00	224.16	305.9	31.36/31.36	500.17	446.26	.1698831	15.1625		P
XENVA2	NOGALES	SO MX	N 31-19-00	W 110-58-00	99.06	268.8	34.86/34.86	221.85	168.48	.1852848	6.2435		P 4
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	132.51	872.0	10.42/10.42	382.34	372.16	.0780180	5.8070	5.807	LO 4
XENVA2	OJINAGA	CH MX	N 29-33-18	W 104-24-07	293.41	393.1	25.09/25.09	221.85	192.58	.1443645	5.5603		P 4
WHAS	LOUISVILLE	KY US	N 38-15-40	W 085-25-43	255.36	2230.5	.00/ .00	2913.28	2913.28	.0076416	4.4524	7.318	LO
----- 50% Exclusion -----													
KVJY	PHARR	TX US	N 26-19-00	W 098-06-16	299.77	1107.7	7.31/ 7.31	301.84	297.75	.0538555	3.2071		LO 4
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	131.22	870.9	10.44/10.44	205.24	202.35	.0781493	3.1627		LO

SUMMARY OF LIMITS TO NEW 840 kHz WEYBURN,SK CA 2.5000 kW 506.80 mV/m @ km Dom Cl: B Dom Stat:
N 49-37-00 W 103-45-00 E(Nom): 2.5000 Hours: N Mode: DAN Reg2 Cl: B Not stat: P

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code
NEW	ESTEVAN	SK CA	N 49-05-00	W 102-55-00	314.81	84.6	65.97/65.97	839.85	163.29	.4497800	14.6887	14.689	P
----- 50% Exclusion -----													
WHAS	LOUISVILLE	KY US	N 38-15-40	W 085-25-43	316.85	1926.3	1.33/ 1.33	2913.28	2909.04	.0117426	6.8320		LO
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	28.00	1723.5	2.45/ 2.45	1237.49	1237.00	.0167505	4.1441		LO 4
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	28.03	1741.7	2.35/ 2.35	1256.19	1255.29	.0161767	4.0613		LO

SUMMARY OF LIMITS TO NEW 840 kHz ESTEVAN,SK CA 2.5000 kW 506.80 mV/m @ km Dom Cl: B Dom Stat:
N 49-05-00 W 102-55-00 E(Nom): 2.5000 Hours: N Mode: DAN Reg2 Cl: B Not stat: P

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code
WHAS	LOUISVILLE	KY US	N 38-15-40	W 085-25-43	316.38	1843.1	1.78/ 1.78	2913.28	2905.76	.0135280	7.8618	7.862	LO
----- 50% Exclusion -----													
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	30.84	1731.3	2.41/ 2.41	1135.41	1134.71	.0165001	3.7446		LO
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	30.84	1713.0	2.52/ 2.52	1063.90	1063.75	.0170901	3.6359		LO 4

SUMMARY OF LIMITS TO CJXX 840 kHz GRANDE PRAIRIE, AB CA 10.0000 kW 995.00 mV/m @ km Dom Cl: B Dom Stat:
N 55-03-08 W 118-51-59 E(Nom): 2.5000 Hours: N Mode: DA2 Reg2 Cl: B Not stat: P

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
NEW	WEYBURN	SK CA	N 49-37-00	W 103-45-00	306.32	1188.1	6.48/ 6.48	706.16	697.27	.0469001	6.5404	6.540	P
NEW	COLUMBIA FALLS	MT US	N 48-22-00	W 114-11-00	338.35	810.0	11.48/11.48	388.74	381.59	.0853142	6.5109		P
NEW	ESTEVAN	SK CA	N 49-05-00	W 102-55-00	307.47	1272.0	5.69/ 5.69	749.12	741.75	.0405156	6.0105	8.883	P
CKBX	ONE HUNDRED MIL	BC CA	N 51-40-11	W 121-17-22	22.18	409.0	24.17/24.17	200.11	180.18	.1414106	5.0960	10.241	
----- 50% Exclusion -----													
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	352.98	2096.0	.49/ .49	2303.75	2303.68	.0091181	4.2010		LO 4
NEW	PORT ALICE	BC CA	N 50-23-00	W 127-27-00	44.72	776.0	12.11/12.11	216.20	209.72	.0892551	3.7438		P
CJXX	GRANDE PRAIRIE	AB CA	N 55-08-00	W 118-40-00	234.72	15.6	85.31/85.31	100.33	27.37	.4497800	2.4625		P
KMAX	COLFAX	WA US	N 46-54-50	W 117-19-28	353.79	911.3	9.81/ 9.81	166.79	162.78	.0737596	2.4013		LO
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	353.25	2109.0	.43/ .43	1300.61	1300.62	.0089651	2.3320		LO

SUMMARY OF LIMITS TO CKBX 840 kHz ONE HUNDRED MILE HOU, BC CA .5000 kW 283.00 mV/m @ km Dom Cl: C Dom Stat:
N 51-40-11 W 121-17-22 E(Nom): 4.0000 Hours: N Mode: ND1 Reg2 Cl: C Not stat:

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	345.47	1771.2	2.18/ 2.18	2026.22	2025.76	.0153414	6.2156	6.216	LO 4
NEW	COLUMBIA FALLS	MT US	N 48-22-00	W 114-11-00	308.57	626.2	15.60/15.60	239.44	244.30	.1081862	5.2859		P
NEW	PORT ALICE	BC CA	N 50-23-00	W 127-27-00	69.26	453.8	21.86/21.86	216.20	195.71	.1321122	5.1711	8.085	P
----- 50% Exclusion -----													
KSWB	SEASIDE	OR US	N 45-58-55	W 123-55-02	15.94	660.9	14.67/14.67	201.38	193.43	.1039724	4.0222		LO
KMAX	COLFAX	WA US	N 46-54-50	W 117-19-28	332.95	601.7	16.30/16.30	166.79	155.96	.1112118	3.4689		LO
NEW	ESTEVAN	SK CA	N 49-05-00	W 102-55-00	289.45	1330.4	5.19/ 5.19	476.11	472.66	.0363801	3.4391		P
NEW	WEYBURN	SK CA	N 49-37-00	W 103-45-00	287.18	1254.5	5.85/ 5.85	404.11	400.65	.0418284	3.3517		P
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	345.86	1782.4	2.11/ 2.11	954.43	955.65	.0150435	2.8753		LO

FIGURE 25
PAGE 7 of 8

SUMMARY OF LIMITS TO NEW 840 kHz PORT ALICE, BC CA .5000 kW 305.76 mV/m @ km Dom Cl: B Dom Stat:
N 50-23-00 W 127-27-00 E(Nom): 2.5000 Hours: N Mode: ND2 Reg2 Cl: B Not stat: P

Call	City	St	Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg) (Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
CKBX	ONE HUNDRED MIL	BC	CA	N 51-40-11	W 121-17-22	254.05	453.8	21.86/21.86	200.11	183.72	.1321122	4.8543	4.854	
KSWB	SEASIDE	OR	US	N 45-58-55	W 123-55-02	333.15	554.9	17.79/17.79	201.38	189.76	.1168770	4.4358	6.576	LO
----- 50% Exclusion -----														
KXNT	NORTH LAS VEGAS	NV	US	N 36-23-53	W 114-54-57	331.10	1850.2	1.74/ 1.74	1160.88	1162.22	.0133607	3.1056		LO 4
CJXX	GRANDE PRAIRIE	AB	CA	N 55-03-08	W 118-51-59	231.56	776.0	12.11/12.11	154.19	153.13	.0892551	2.7336		P
KMAX	COLFAX	WA	US	N 46-54-50	W 117-19-28	301.15	837.0	11.00/11.00	166.79	161.76	.0824451	2.6673		LO
NEW	COLUMBIA FALLS	MT	US	N 48-22-00	W 114-11-00	288.13	984.9	8.78/ 8.78	192.46	195.93	.0656799	2.5737		P
KKNX	EUGENE	OR	US	N 44-04-54	W 123-06-34	336.51	773.2	12.17/12.17	133.49	127.66	.0895967	2.2875		LO 6
CJXX	GRANDE PRAIRIE	AB	CA	N 55-08-00	W 118-40-00	231.78	791.6	11.82/11.82	90.46	88.79	.0873879	1.5518		P
WHAS	LOUISVILLE	KY	US	N 38-15-40	W 085-25-43	306.12	3547.1	.00/ .00	2913.28	2913.28	.0024437	1.4238		LO
NEW	ESTEVEAN	SK	CA	N 49-05-00	W 102-55-00	284.04	1761.1	2.24/ 2.24	384.50	384.03	.0156165	1.1994		P
KMPH	MODESTO	CA	US	N 37-42-34	W 120-43-34	341.42	1506.7	3.85/ 3.85	226.51	225.41	.0260271	1.1734		LO
NEW	KENAI	AK	US	N 60-30-38	W 151-16-12	116.53	1860.1	1.68/ 1.68	429.37	429.08	.0131387	1.1275		AP 2
NEW	KENAI	AK	US	N 60-30-38	W 151-16-12	116.53	1860.1	1.68/ 1.68	429.37	429.08	.0131387	1.1275		AP 2
NEW	KENAI	AK	US	N 60-30-38	W 151-16-12	116.53	1860.1	1.68/ 1.68	428.82	428.53	.0131387	1.1261		AP 2
NEW	WEYBURN	SK	CA	N 49-37-00	W 103-45-00	281.97	1688.9	2.66/ 2.66	314.30	313.82	.0179167	1.1245		P
KXNTPRO	NORTH LAS VEGAS	NV	US	N 36-16-03	W 115-02-41	331.54	1857.4	1.70/ 1.70	222.44	224.28	.0131979	.5920		LO

SUMMARY OF LIMITS TO KMPH 840 kHz MODESTO, CA US 5.0000 kW 743.50 mV/m @ km Dom Cl: B Dom Stat: L
N 37-42-34 W 120-43-34 E(Nom): .0000 Hours: N Mode: DA2 Reg2 Cl: B Not stat: O

Call	City	St	Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg) (Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
KXNT	NORTH LAS VEGAS	NV	US	N 36-23-53	W 114-54-57	287.53	535.7	13.83/22.83	529.12	303.65	.1110272	6.7428	6.743	LO 4
KXNTPRO	NORTH LAS VEGAS	NV	US	N 36-16-03	W 115-02-41	289.32	529.4	14.02/23.10	469.77	287.91	.1127981	6.4951		LO
----- 50% Exclusion -----														
WHAS	LOUISVILLE	KY	US	N 38-15-40	W 085-25-43	279.98	3075.1	.00/ .00	2913.28	2913.28	.0046264	2.6956	7.262	LO
NEW	COLUMBIA FALLS	MT	US	N 48-22-00	W 114-11-00	206.46	1297.7	3.40/ 7.50	466.93	465.73	.0248345	2.3133		P
- KNCO	GRASS VALLEY	CA	US	N 39-12-54	W 121-00-48	171.41	169.3	39.99/54.30	383.33	313.44	.3304163	2.0713	7.551	LO
----- 25% Exclusion -----														
KSWB	SEASIDE	OR	US	N 45-58-55	W 123-55-02	162.88	956.9	6.40/11.86	201.38	199.85	.0449524	1.7967		LO
KKNX	EUGENE	OR	US	N 44-04-54	W 123-06-34	163.42	736.2	9.40/16.32	133.49	129.97	.0689812	1.7931		LO 6
XENVA2	NOGALES	SO	MX	N 31-19-00	W 110-58-00	311.17	1141.2	4.62/ 9.25	221.85	220.79	.0377504	1.6670		P 4
+ KOA	DENVER	CO	US	N 39-30-22	W 104-45-57	266.86	1399.2	2.72/ 6.53	2560.43	2543.24	.0244171	1.2420		LO

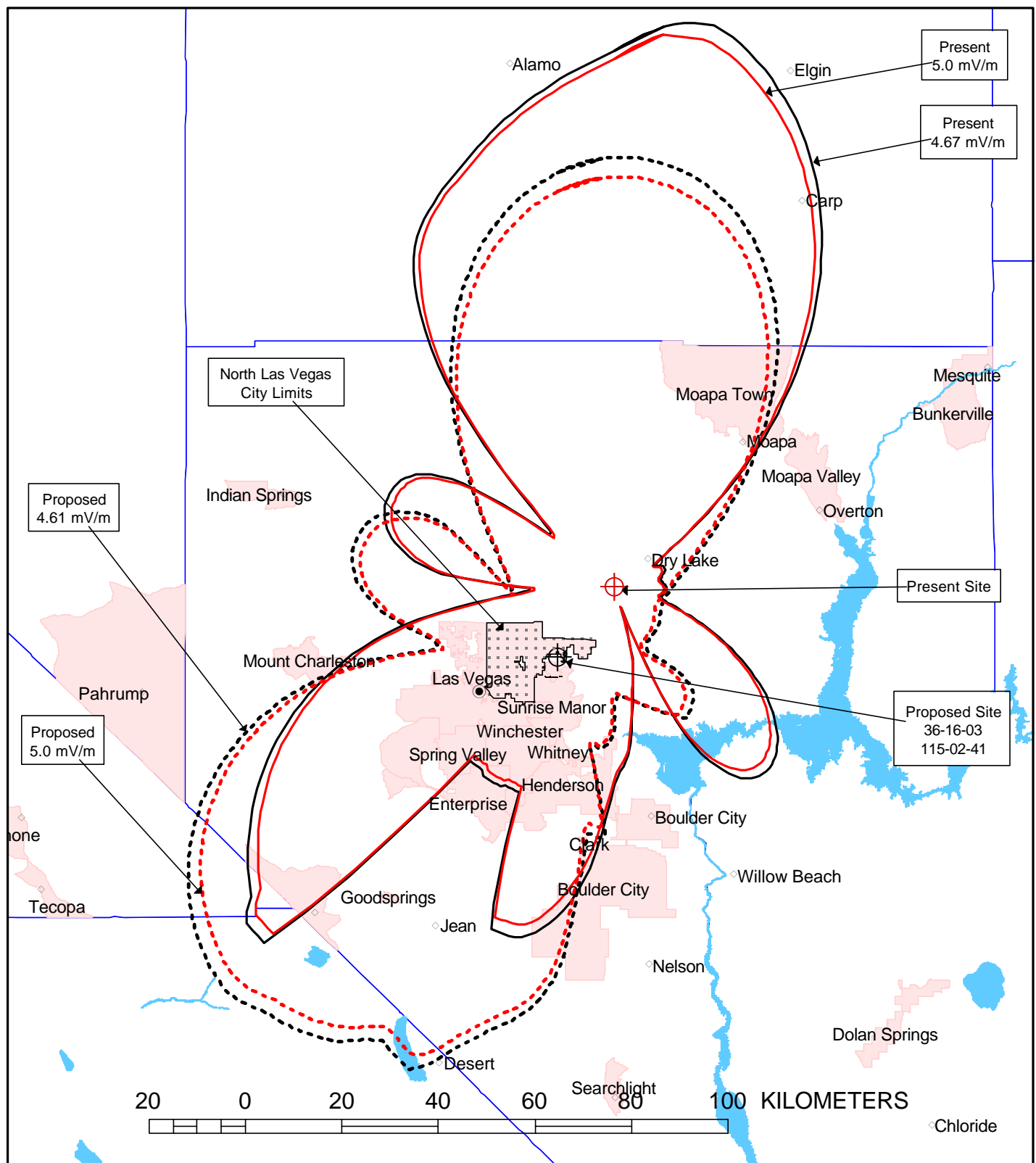
SUMMARY OF LIMITS TO KSWB 840 kHz SEASIDE,OR US .5000 kW 284.79 mV/m @ km Dom Cl: B Dom Stat: L
N 45-58-55 W 123-55-02 E(Nom): .0000 Hours: N Mode: ND1 Reg2 Cl: B Not stat: O

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
KKNX	EUGENE	OR US	N 44-04-54	W 123-06-34	343.56	220.6	32.62/46.78	133.49	97.12	.2719873	5.2830		LO 6
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	327.64	1303.1	3.36/ 7.45	929.23	960.19	.0265704	5.1025	5.103	LO 4
NEW	PORT ALICE	BC CA	N 50-23-00	W 127-27-00	150.51	554.9	13.29/22.04	216.20	208.43	.0893615	3.7251	6.318	P
KMAX	COLFAX	WA US	N 46-54-50	W 117-19-28	260.81	515.5	14.44/23.70	166.79	158.23	.1018810	3.2241	7.093	LO
NEW	COLUMBIA FALLS	MT US	N 48-22-00	W 114-11-00	253.80	781.4	8.67/15.24	272.64	273.65	.0512899	2.8071		P
----- 50% Exclusion -----													
CKBX	ONE HUNDRED MIL	BC CA	N 51-40-11	W 121-17-22	197.92	660.9	10.79/18.38	200.11	196.03	.0650046	2.5486	7.536	
----- 25% Exclusion -----													
WHAS	LOUISVILLE	KY US	N 38-15-40	W 085-25-43	297.78	3253.9	.00/ .00	2913.28	2913.28	.0028002	1.6316		LO
KMPH	MODESTO	CA US	N 37-42-34	W 120-43-34	345.02	956.9	6.40/11.86	167.30	165.25	.0449536	1.4857		LO
+ KHHO	TACOMA	WA US	N 47-13-56	W 122-23-22	220.57	181.5	38.00/52.37	307.79	204.89	.3071486	1.2586		LO
- KNCO	GRASS VALLEY	CA US	N 39-12-54	W 121-00-48	343.44	788.9	8.56/15.07	807.95	794.72	.0601212	.9556		LO
- NEW	GRANTS PASS	OR US	N 42-24-19	W 123-17-52	353.14	400.8	18.85/29.90	262.63	239.63	.1508031	.7227		AP 2
+ KOA	DENVER	CO US	N 39-30-22	W 104-45-57	301.05	1716.0	.93/ 4.05	2560.43	2558.43	.0140392	.7184		LO
CJXX	GRANDE PRAIRIE	AB CA	N 55-03-08	W 118-51-59	201.48	1069.2	5.26/10.18	139.02	136.98	.0244330	.6694		P
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	328.32	1309.3	3.32/ 7.39	89.47	119.45	.0264159	.6311		LO

SUMMARY OF LIMITS TO CJXX 840 kHz GRANDE PRAIRIE,AB CA 10.0000 kW 1032.80 mV/m @ km Dom Cl: B Dom Stat:
N 55-08-00 W 118-40-00 E(Nom): 2.5000 Hours: N Mode: DAN Reg2 Cl: B Not stat: P

Call	City	St Co	Latitude (D-M-S)	Longitude (D-M-S)	Az (Deg)	Dist (km)	Min/Max (Deg)(Deg)	E(Hor) (mV/m)	E(Vert) (mV/m)	E(Sky) (mV/m)	Limit (mV/m)	RSS (mV/m)	Code 123456
NEW	WEYBURN	SK CA	N 49-37-00	W 103-45-00	306.98	1180.3	6.56/ 6.56	715.32	706.08	.0475168	6.7102	6.710	P
NEW	COLUMBIA FALLS	MT US	N 48-22-00	W 114-11-00	339.44	812.8	11.43/11.43	394.17	386.69	.0850034	6.5740		P
NEW	ESTEVAN	SK CA	N 49-05-00	W 102-55-00	308.09	1264.3	5.76/ 5.76	757.27	749.63	.0410836	6.1595	9.109	P
CKBX	ONE HUNDRED MIL	BC CA	N 51-40-11	W 121-17-22	23.25	422.5	23.43/23.43	200.11	181.35	.1384936	5.0230	10.402	
----- 50% Exclusion -----													
KXNT	NORTH LAS VEGAS	NV US	N 36-23-53	W 114-54-57	353.37	2102.7	.46/ .46	2313.26	2313.19	.0090364	4.1806		LO 4
NEW	PORT ALICE	BC CA	N 50-23-00	W 127-27-00	44.78	791.6	11.82/11.82	216.20	210.03	.0873879	3.6709		P
CJXX	GRANDE PRAIRIE	AB CA	N 55-03-08	W 118-51-59	54.56	15.6	85.31/85.31	1040.30	35.46	.4497800	3.1902		P
KMAX	COLFAX	WA US	N 46-54-50	W 117-19-28	354.65	918.7	9.70/ 9.70	166.79	162.86	.0729068	2.3748		LO
KXNTPRO	NORTH LAS VEGAS	NV US	N 36-16-03	W 115-02-41	353.64	2115.9	.40/ .40	1316.62	1316.62	.0088876	2.3403		LO

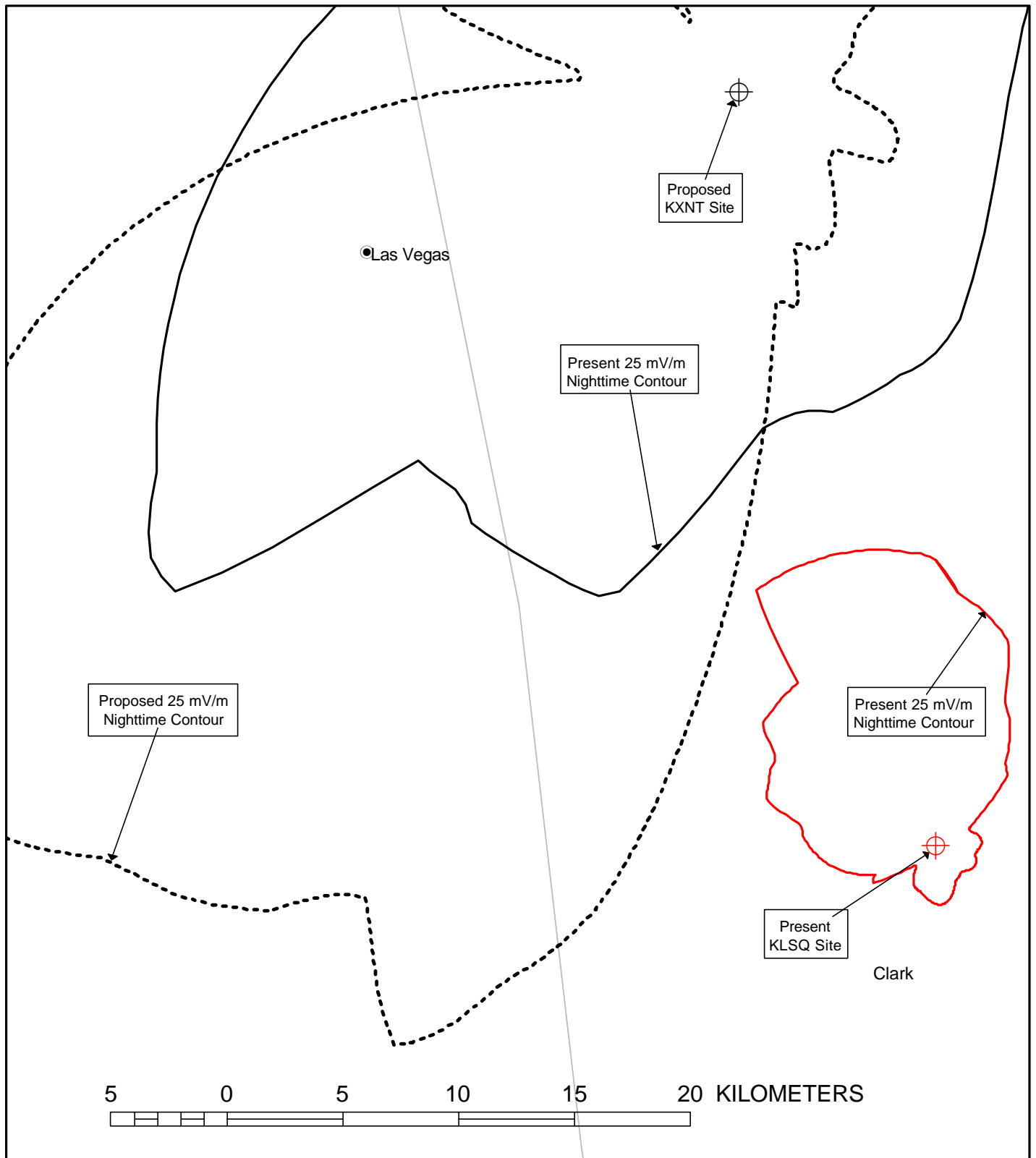
FIGURE 26



Measurement Data Employed

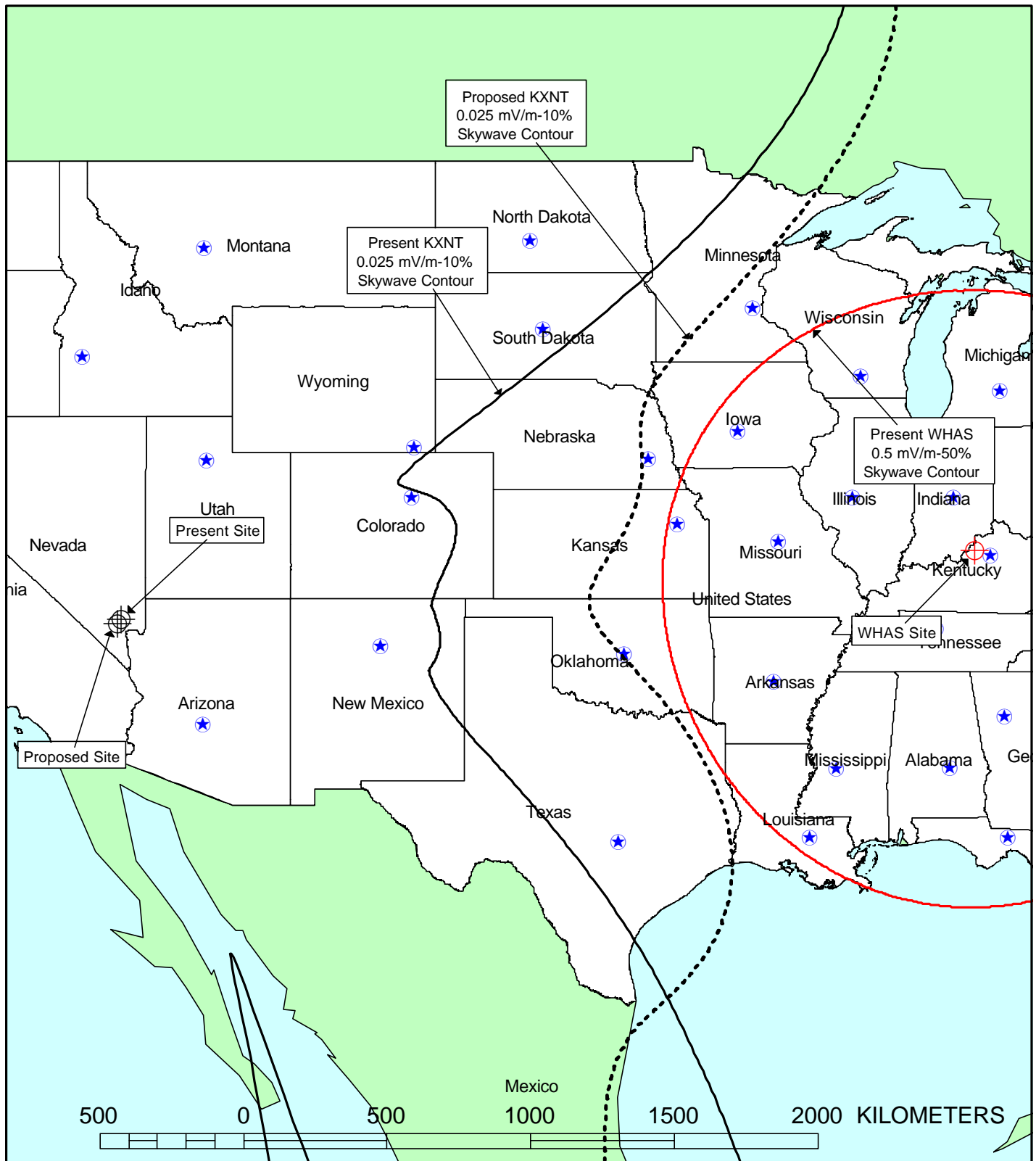
PRESENT & PROPOSED NIGHTTIME
INTERFERENCE-FREE AND 5.0 MV/M CONTOURS
KXNT(AM) - NORTH LAS VEGAS, NEVADA
840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
FEBRUARY, 2008

FIGURE 27



PRESENT & PROPOSED 25 MV/M
NIGHTTIME GROUNDWAVE CONTOURS
KXNT(AM) - NORTH LAS VEGAS, NEVADA
840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
FEBRUARY, 2008

FIGURE 28



PRESENT AND PROPOSED SKYWAVE CONTOURS
KXNT - NORTH LAS VEGAS, NEVADA
840 KHZ - 50 KW DAY/16 KW NIGHT - DA-2
FEBRUARY, 2008