

**TECHNICAL EXHIBIT
MINOR MODIFICATION TO LICENSED FACILITY
KRQX (AM) 1590 kHz
FID# 21493
2.5 kW DA D .072 kW DA N
MEXIA, TX
M&M BROADCASTERS, LTD**

PURPOSE OF APPLICATION

M&M Broadcasters, LTD, ("M&M") the proposed licensee of KRQX (AM) seeks through this instant application, to modify the existing licensed facility with a new location utilizing a directional antenna. M&M is the licensee of co-channel KEAS, Eastland FID#70621. M&M has filed a concurrent application relinquishing the license of this co-channel facility in order to eliminate existing interference between KEAS and KRQX, and new interference, which would be caused between KEAS and KRQX by this proposal.

73.24 COMPLIANCE

The proposed facility has a 1000 mV/m contour that covers an area of 1 sq km. The proposed location is very rural. The population count of this contour according to the 2000 US Census is zero persons. The proposed 5 mV/m city grade contour covers 100% of Mexia, TX, the city of license. See Figure 1 for maps of these and other pertinent contours.

ANTENNA SITE AND SYSTEM

The new location for the antenna system is located on a rural 114 acre agricultural tract in Limestone County. The antenna system will consist of four elements 90 electrical degrees tall, series fed, base insulated uniform cross sectional guyed radiators. The Coordinates of the proposed array center are 31° 37'12"N, 97°45'6"W, NAD27. The proposed towers are 48.2m overall in height above ground level, including base pier and insulator, and do not meet criteria for FAA notification. See Figure 2 for details of the antenna system layout, tower vertical sketch, property plat, topographic map and aerial photograph.

INTERFERENCE ALLOCATION AND PATTERN

This proposal is made possible by utilizing measured data on two co-channel facilities; KGAS, Carthage, FID#31065 and KMIC, Houston, FID#20491, and two first adjacent facilities; KOKE, Pflugerville, FID#54661 and KRVA, Cockrell Hill, FID#54730. The majority of the Cockrell Hill readings are from applications on file from the KRVA licensee. M&M took additional measurements on the 215 ° radial previously measured by MBC, TEXAS, KRVA, Inc., to extend it to 95 kilometers. See Figure 3 for allocation maps, day pattern information, and day allocation information. See Figure 4 for measurement data and conductivities employed in calculating the predicted contours depicted in the allocation maps.

NIGHT OPERATION

The proposed night pattern is identical to the day pattern, with the exception that it reduces power to 72 watts. This proposed Class D facility does not cover the city of license with night interference free service. As the present site is not owned and being lost due to other uses for the land, M&M proposes to use the new day site for whatever service it can provide at night. See the previous Figure 5 for night allocation details, pattern information and coverage.

FIGURE 1
MINOR MODIFICATION TO LICENSED FACILITY
KRQX (AM) 1590 kHz
FID# 21493
2.5 kW DA D .072 kW DA N
MEXIA, TX
M&M BROADCASTERS, LTD

Figure 1 P 1 of 2

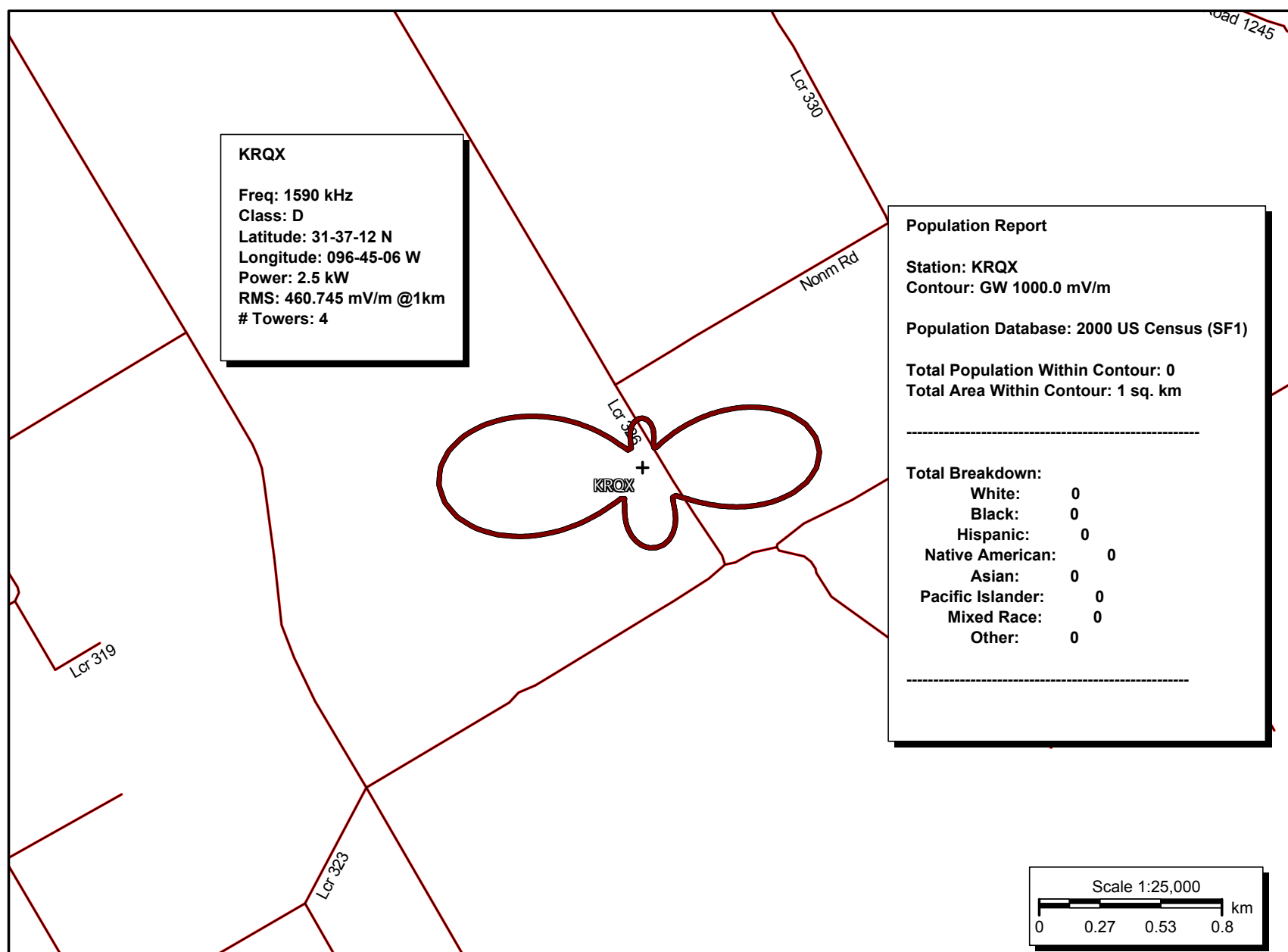


Figure 1 P 2 of 2

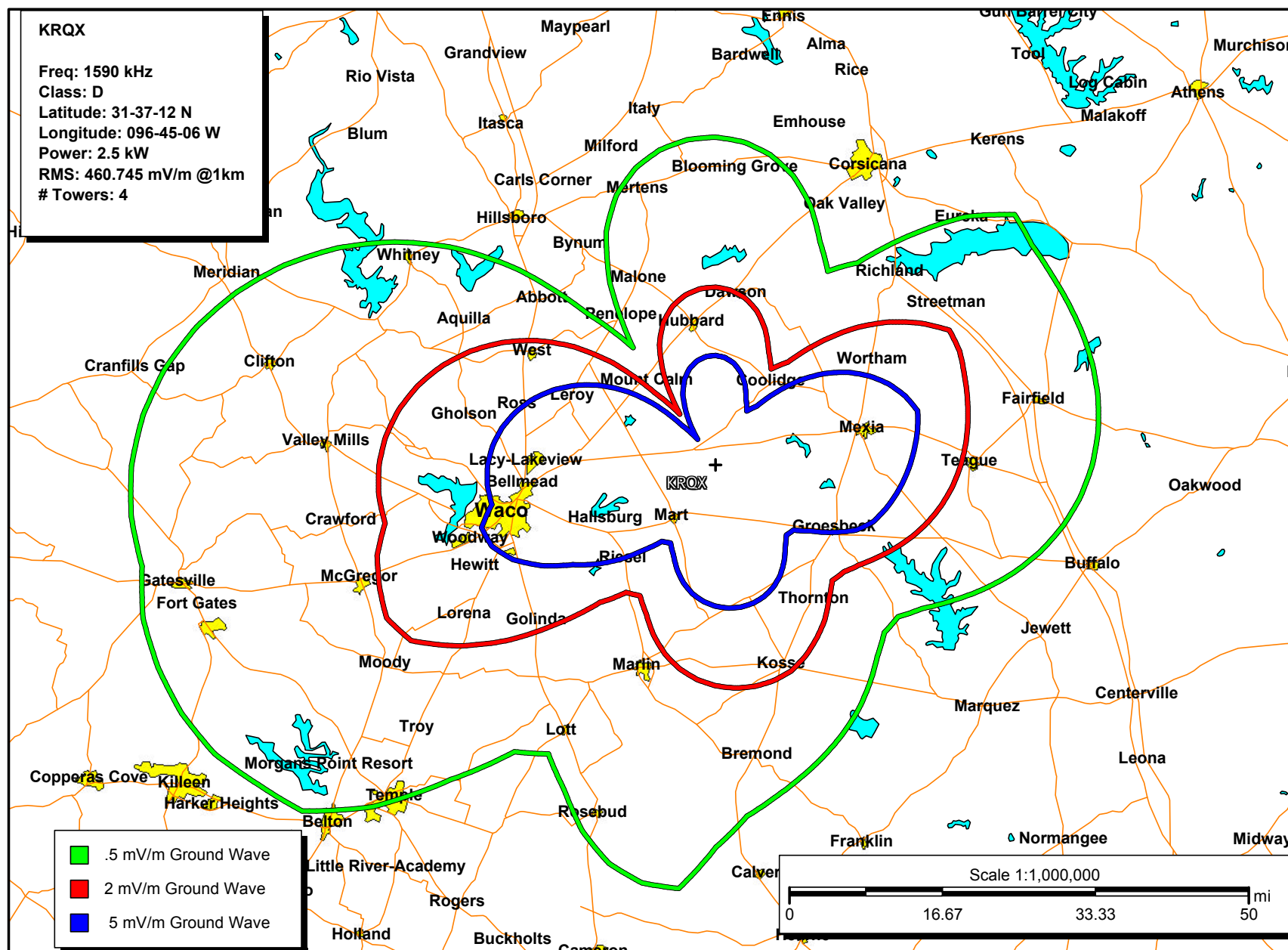


FIGURE 2
MINOR MODIFICATION TO LICENSED FACILITY
KRQX (AM) 1590 kHz
FID# 21493
2.5 kW DA D .072 kW DA N
MEXIA, TX
M&M BROADCASTERS, LTD

Figure 2

DESCRIPTION OF ANTENNA SYSTEM

a) Number of elements:		Day: 4 Night: 4
b) Type of Elements:		Vertical, uniform cross-section, series-fed, guyed steel radiators, base insulated; no top-loading 47.14 meters or 154.65 feet; 90 electrical degrees @ 1590 kHz
c) Height of each element above ground level		48.2 meters or 158 feet; all towers
d) Height of each element above sea level		211.2 meters or 692.9 feet
e) Antenna Registrations		Not required
f) Orientation of elements in array Day and Critical are the same		1: 0° (Sp.) 0° (Orient.) 2: 115° 10° 3: 180° 355° 4: 270° 355°
g) Power (nominal)		Day: 2.5 kW Night: .072 kW
h) Site coordinates		N 31° 37' 12" W 97° 45' 06" center of array NAD27
i) Theoretical antenna system Parameters	DAY NIGHT	Ratio Phase T#1 1 /0° T#2 .413 /60.6° T#3 .422 /-8° T#4 .652 /0° T#1 1 /0° T#2 .413 /60.6° T#3 .422 /-8° T#4 .652 /0°
j) Ground system		120 equally spaced about the base of each tower, #10 copper radials 47.14 meters or 154.65 feet or 90° at 1590 kHz, except where shortened and bonded to transverse copper strap where radials intersect. In addition copper strap runs from transmitter down the line of towers and is bonded at the base of each tower.
k) Pattern RMS Theoretical	DAY NIGHT	460.74 mV/m @1 km 78.19 mV/m @1 km
l) Pattern RMS Standard	DAY NIGHT	484.07 mV/m @1 km 82.77 mV/m @1 km
m) Pattern Erss	DAY NIGHT	493.51 mV/m @1 km 83.75 mV/m @1 km

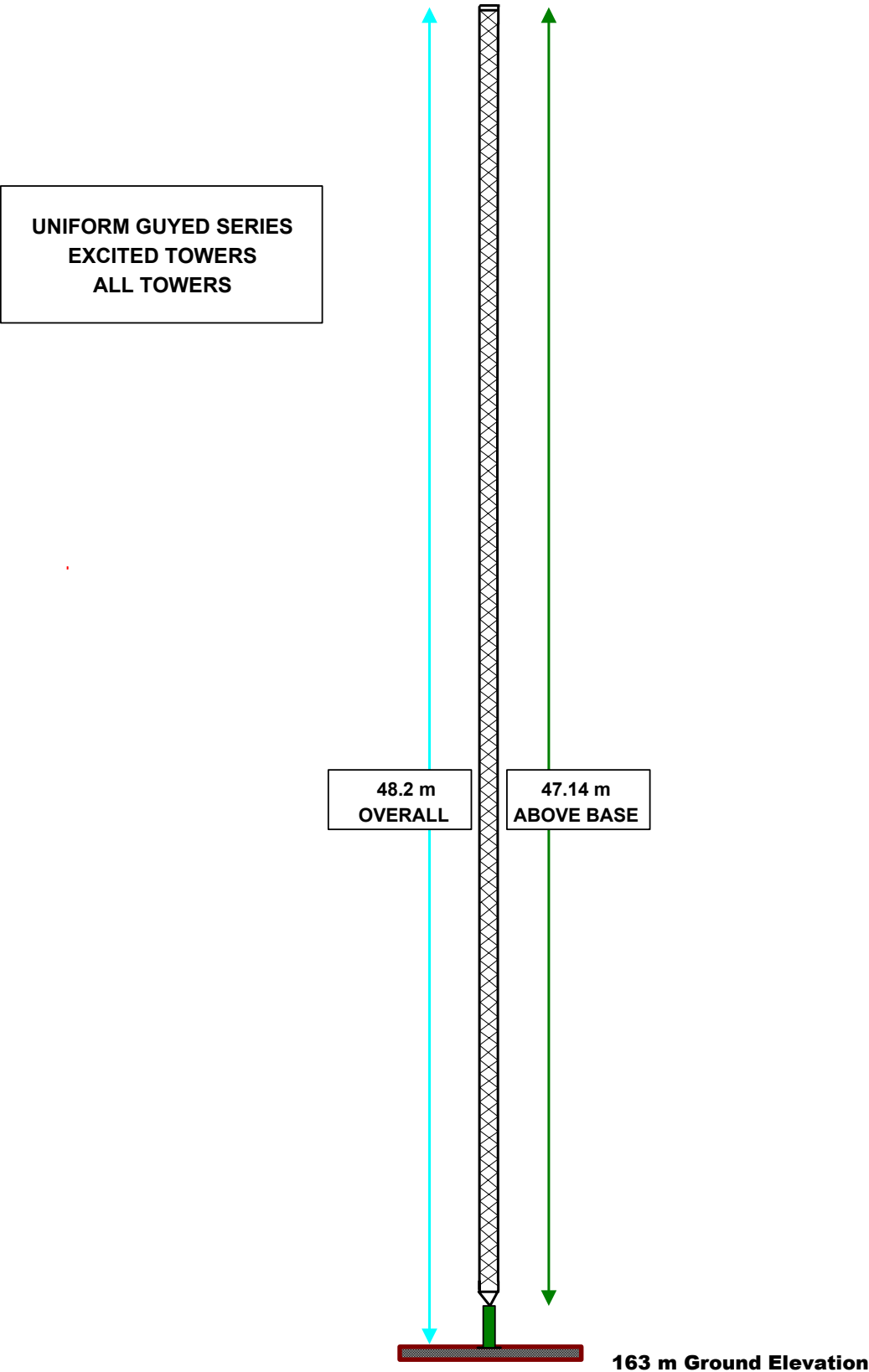
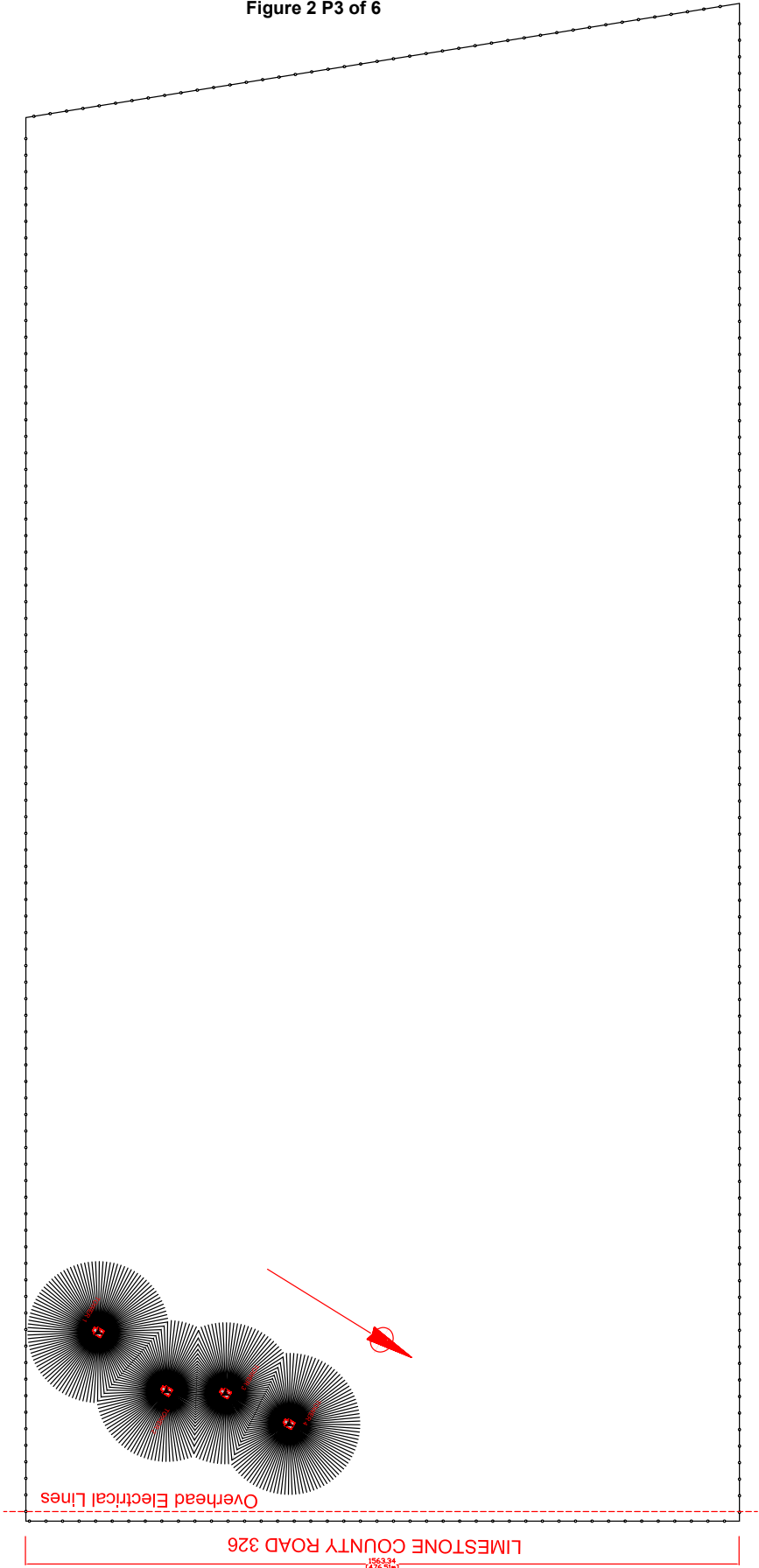


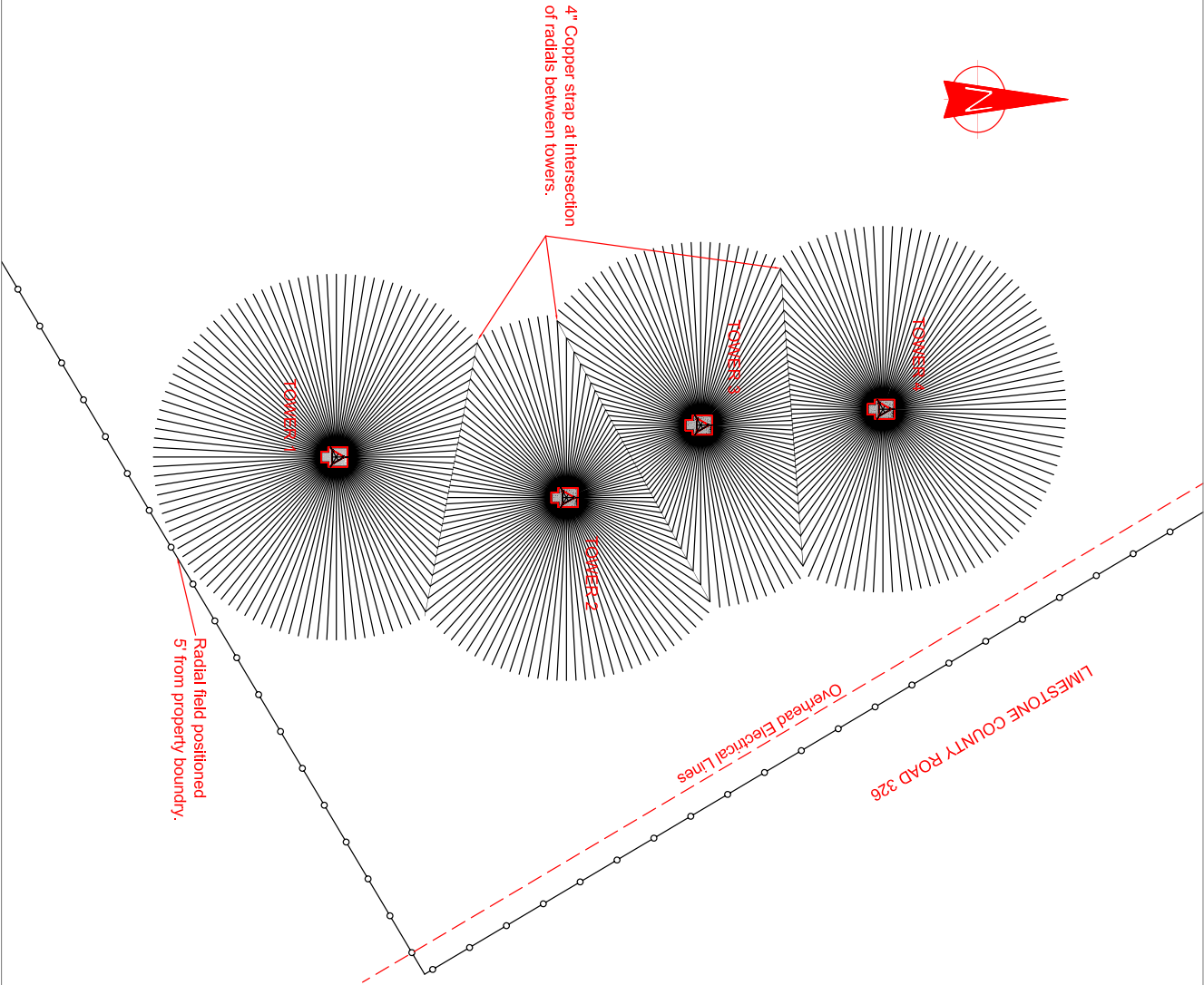
Figure 2 P3 of 6



KRQX 1590
Mexia, TX

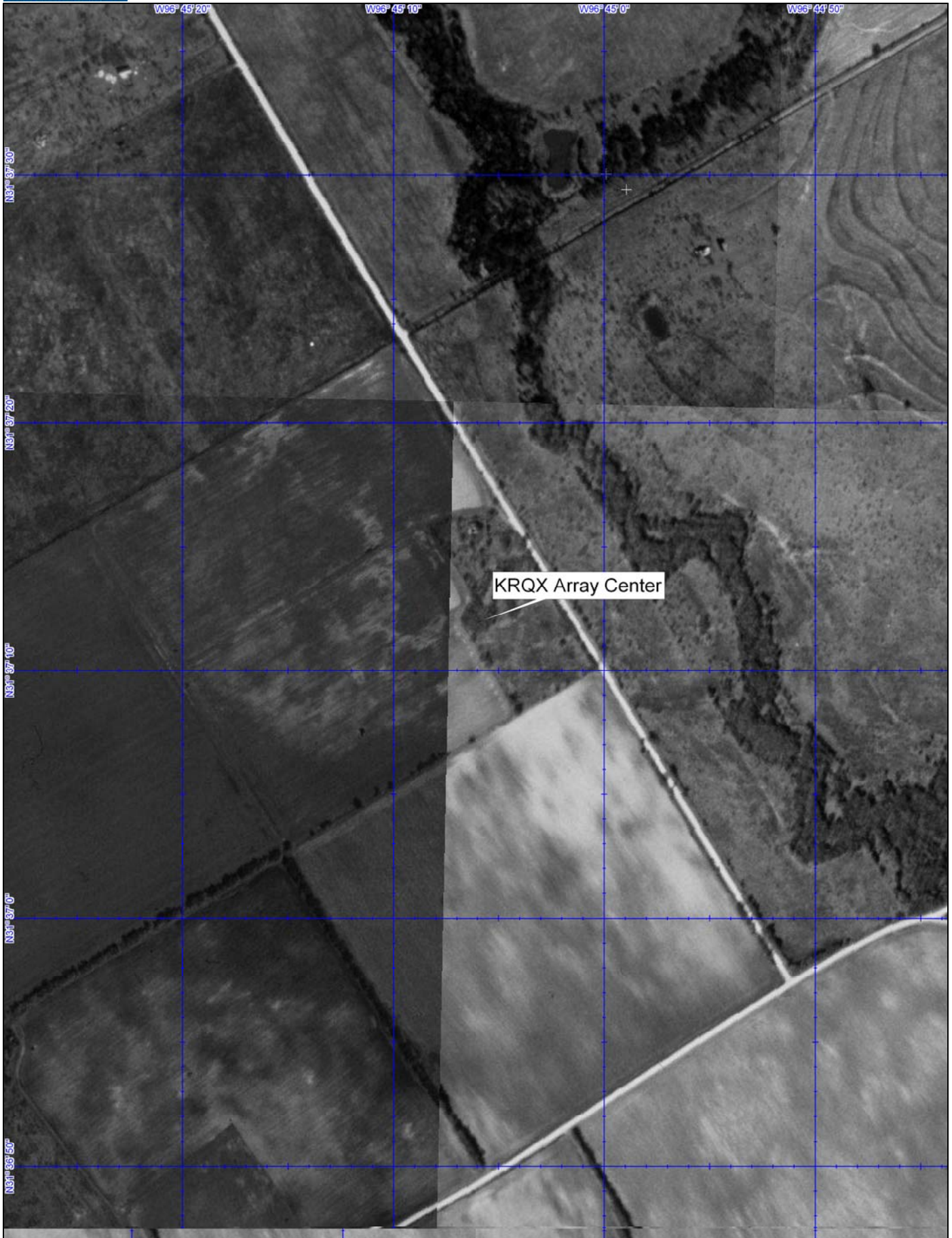
PLOT PLAN		
Drawing Date	4/30/2010	

Figure 2 P4 of 6



KRQX 1590
Mexia, TX

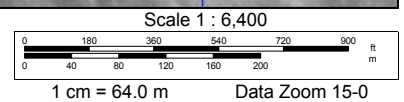
RADIAL FIELD	
Drawing Date	4/30/2010

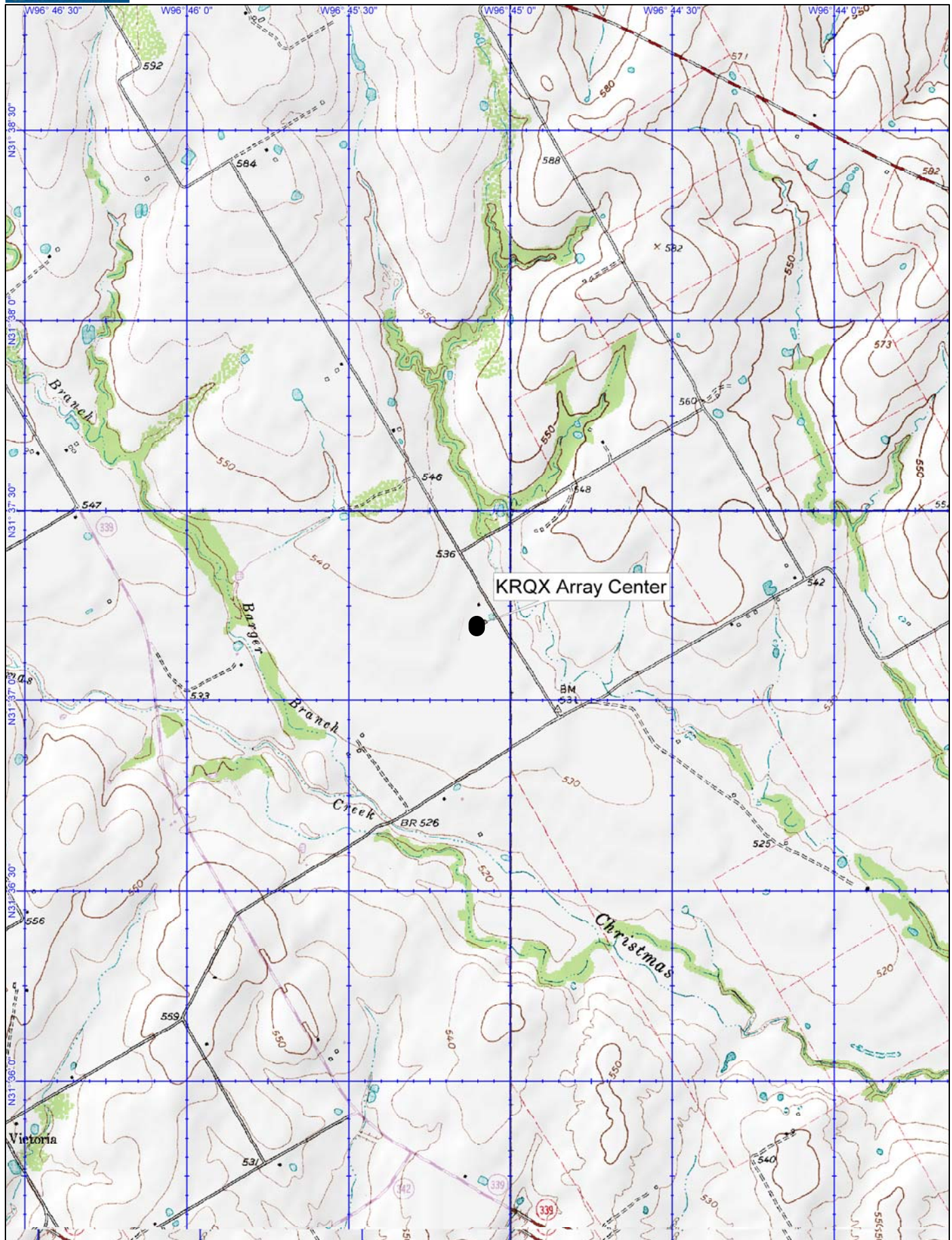


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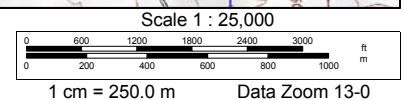


FIGURE 3
MINOR MODIFICATION TO LICENSED FACILITY
KRQX (AM) 1590 kHz
FID# 21493
2.5 kW DA D .072 kW DA N
MEXIA, TX
M&M BROADCASTERS, LTD

AM Daytime Study

Reference Station:

Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Lat: 31-37-12 N

Power: 2.5 kW

Lng: 096-45-06 W

Theo RMS: 460.74 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
KRQX	1590	MEXIA	TX	29.1	75.5	-14280.00	-7333.00 1
KEAS	1590	EASTLAND	TX	209.6	293.7	-5058.00	-7614.00 2
KOKE	1600	PFLUGERVILLE	TX	160.4	208.0	16.76	14.57 3
KRVA	1600	COCKRELL HIL	TX	124.2	1.8	22.43	10.68 3
KMIC	1590	HOUSTON	TX	233.2	147.9	24.05	54.22 3
NEW	1590	KERRVILLE	TX	282.8	232.3	30.07	12.79
NEW	1590	KERRVILLE	TX	284.1	232.5	31.36	13.66
KGAS	1590	CARTHAGE	TX	238.0	76.3	31.66	5.16 3
KTLU	1580	RUSK	TX	151.4	82.0	40.44	33.91
KHBR	1560	HILLSBORO	TX	55.5	322.3	49.10	49.10
KEAS	1590	CARLSBAD	TX	355.1	266.7	95.88	38.42
KGAF	1580	GAINESVILLE	TX	225.2	351.4	97.73	93.74
KPYK	1570	TERRELL	TX	134.8	21.1	99.75	99.75
KWED	1580	SEGUIN	TX	255.2	207.3	107.69	103.56
KWED	1580	SEGUIN	TX	256.3	208.0	109.53	105.51
KVLG	1570	LA GRANGE	TX	192.9	183.2	151.15	151.15
KWEY	1590	WEATHERFOR	OK	473.5	336.8	176.80	243.05
KOGT	1600	ORANGE	TX	330.3	120.5	218.43	222.20
KBJT	1590	FORDYCE	AR	471.4	60.3	222.90	225.27
KDAE	1590	SINTON	TX	404.9	189.7	228.22	167.58
KDAV	1590	LUBBOCK	TX	516.5	292.7	242.51	222.14
KXZZ	1580	LAKE CHARLES	LA	371.6	114.9	255.10	257.08
KYNG	1590	SPRINGDALE	AR	563.9	26.3	327.01	337.43
KKAY	1590	WHITE CASTLE	LA	562.5	107.9	336.89	346.75
WZRX	1590	JACKSON	MS	622.3	84.1	351.12	363.90

1 Existing Facility

2 Licensee concurrently surrendering license

3 Measured data utilized

Reference Station: KRQX, 1590 kHz
Location: 31-37-12 N, 096-45-06 W

*** 1560 kHz (-3) ***
55.5 km KHBR L 32-01-00 N 097-06-32 W 0.25 kW NDD - 318.6 mV/m@1km
34.5 mi Azi: 322.3 Class: D Sched: D File #: BL
Location: HILLSBORO, TX, US

*** 1570 kHz (-2) ***
134.8 km KPYK L 32-45-17 N 096-14-22 W 0.27 kW ND2 - 313.3 mV/m@1km
83.7 mi Azi: 21.1 Class: D Sched: U File #: BL20061218ADK
Location: TERRELL, TX, US
192.9 km KVLG L 29-52-58 N 096-51-57 W 0.25 kW DA2 - 152.1 mV/m@1km
119.9 mi Azi: 183.2 Class: D Sched: U File #: BL
Location: LA GRANGE, TX, US

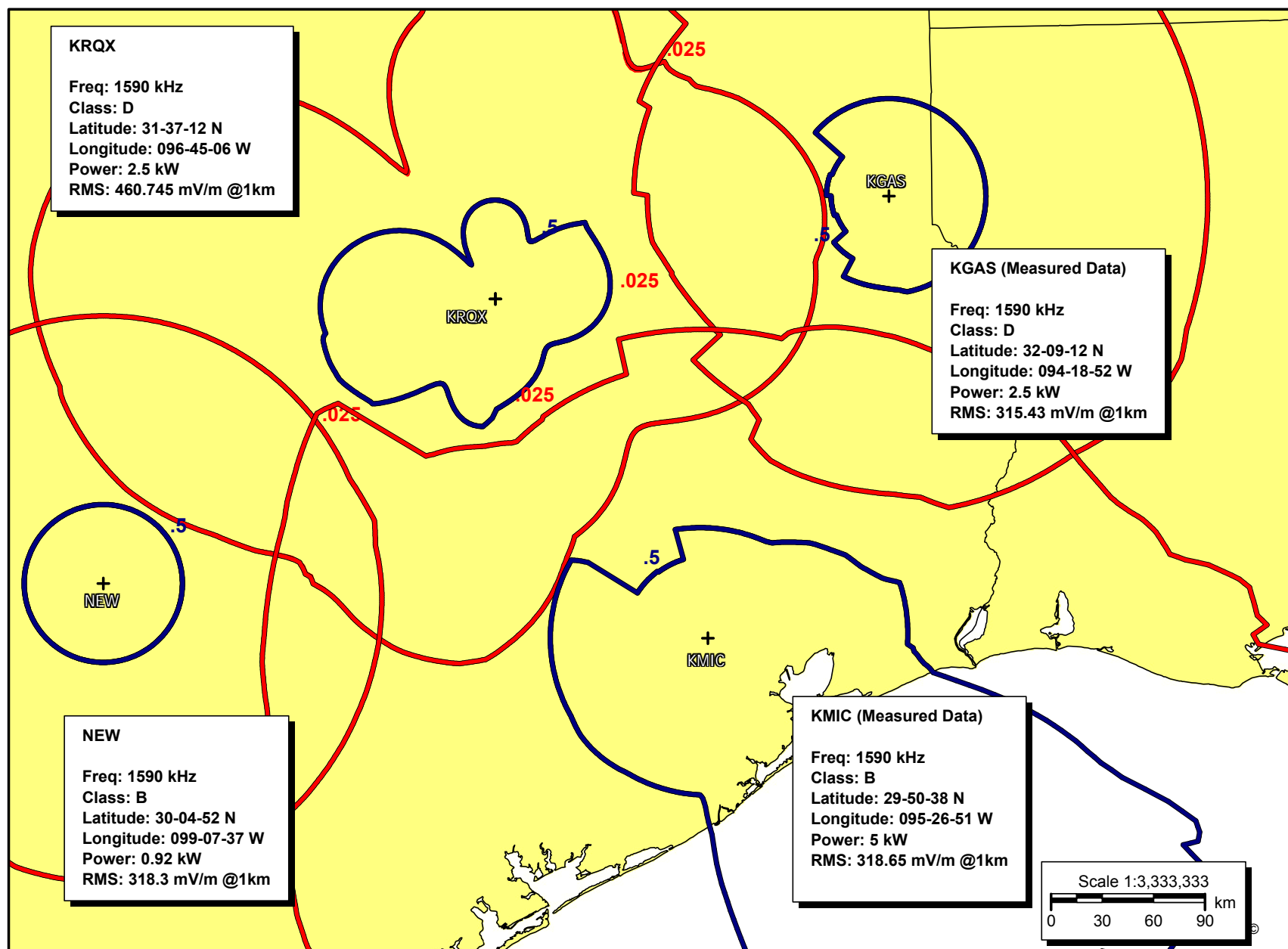
*** 1580 kHz (-1) ***
151.4 km KTLU L 31-49-12 N 095-10-19 W 0.84 kW ND1 - 317.0 mV/m@1km
94.1 mi Azi: 82.0 Class: D Sched: U File #: BL19860619AE
Location: RUSK, TX, US
225.2 km KGAF L 33-37-42 N 097-06-25 W 0.25 kW DAN - 321.9 mV/m@1km
139.9 mi Azi: 351.4 Class: B Sched: U File #: BL19850812AD
Location: GAINESVILLE, TX, US
255.2 km KWED L 29-34-48 N 097-59-05 W 1.0 kW ND1 - 320.3 mV/m@1km
158.6 mi Azi: 207.3 Class: B Sched: U File #: BL
Location: SEGUIN, TX, US
256.3 km KWED A 29-35-06 N 098-01-13 W 1.0 kW DAN - 318.7 mV/m@1km
159.3 mi Azi: 208.0 Class: B Sched: U File #: BP20091023ACA
Location: SEGUIN, TX, US
371.6 km KXZZ L 30-15-28 N 093-11-55 W 1.0 kW DAN - 318.6 mV/m@1km
230.9 mi Azi: 114.9 Class: B Sched: U File #: BL
Location: LAKE CHARLES, LA, US

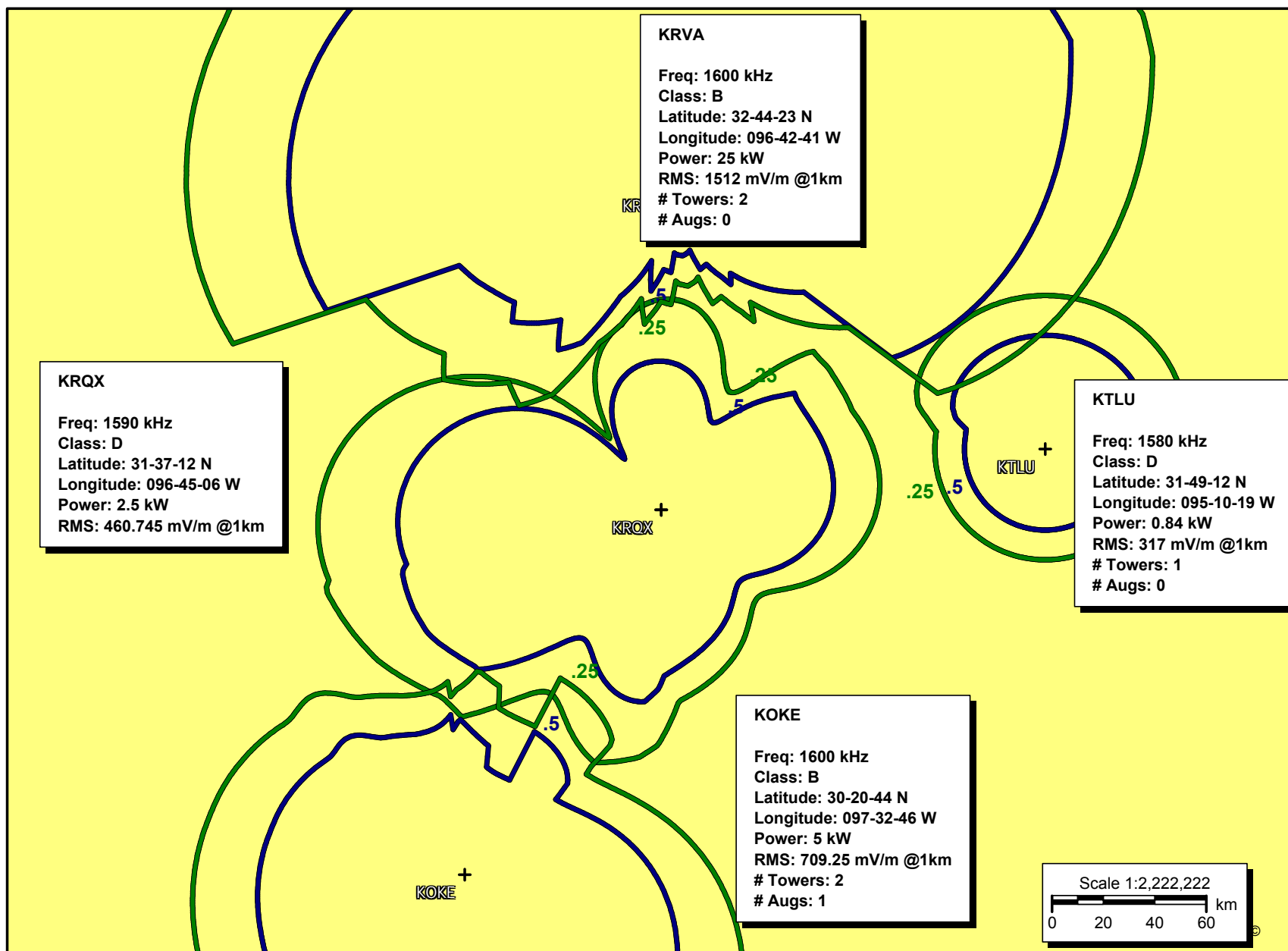
*** 1590 kHz (CO) ***
29.1 km KRQX L 31-41-10 N 096-27-18 W 0.5 kW ND1 - 304.2 mV/m@1km
18.1 mi Azi: 75.5 Class: D Sched: U File #: BL
Location: MEXIA, TX, US
209.6 km KEAS L 32-23-47 N 098-46-26 W 0.5 kW NDD - 317.0 mV/m@1km
130.2 mi Azi: 293.7 Class: D Sched: D File #: BL
Location: EASTLAND, TX, US
233.2 km KMIC L 29-50-38 N 095-26-51 W 5.0 kW DAN - 318.6 mV/m@1km
144.9 mi Azi: 147.9 Class: B Sched: U File #: BML20080324AJL
Location: HOUSTON, TX, US
238.0 km KGAS L 32-09-12 N 094-18-52 W 2.5 kW 0 - 315.4 mV/m@1km
147.9 mi Azi: 76.3 Class: D Sched: U File #: BL19790409AD
Location: CARTHAGE, TX, US
282.8 km NEW A 30-04-51 N 099-06-32 W 1.0 kW DAN - 305.8 mV/m@1km
175.7 mi Azi: 232.3 Class: B Sched: U File #: BNP20040129AAO
Location: KERRVILLE, TX, US
284.1 km NEW A 30-04-52 N 099-07-37 W 0.92 kW DAN - 318.3 mV/m@1km
176.5 mi Azi: 232.5 Class: B Sched: U File #: BNP20041216ADZ
Location: KERRVILLE, TX, US
355.1 km KEAS A 31-29-22.30 N100-29-20.20 W1.0 kW NDD - 305.8 mV/m@1km

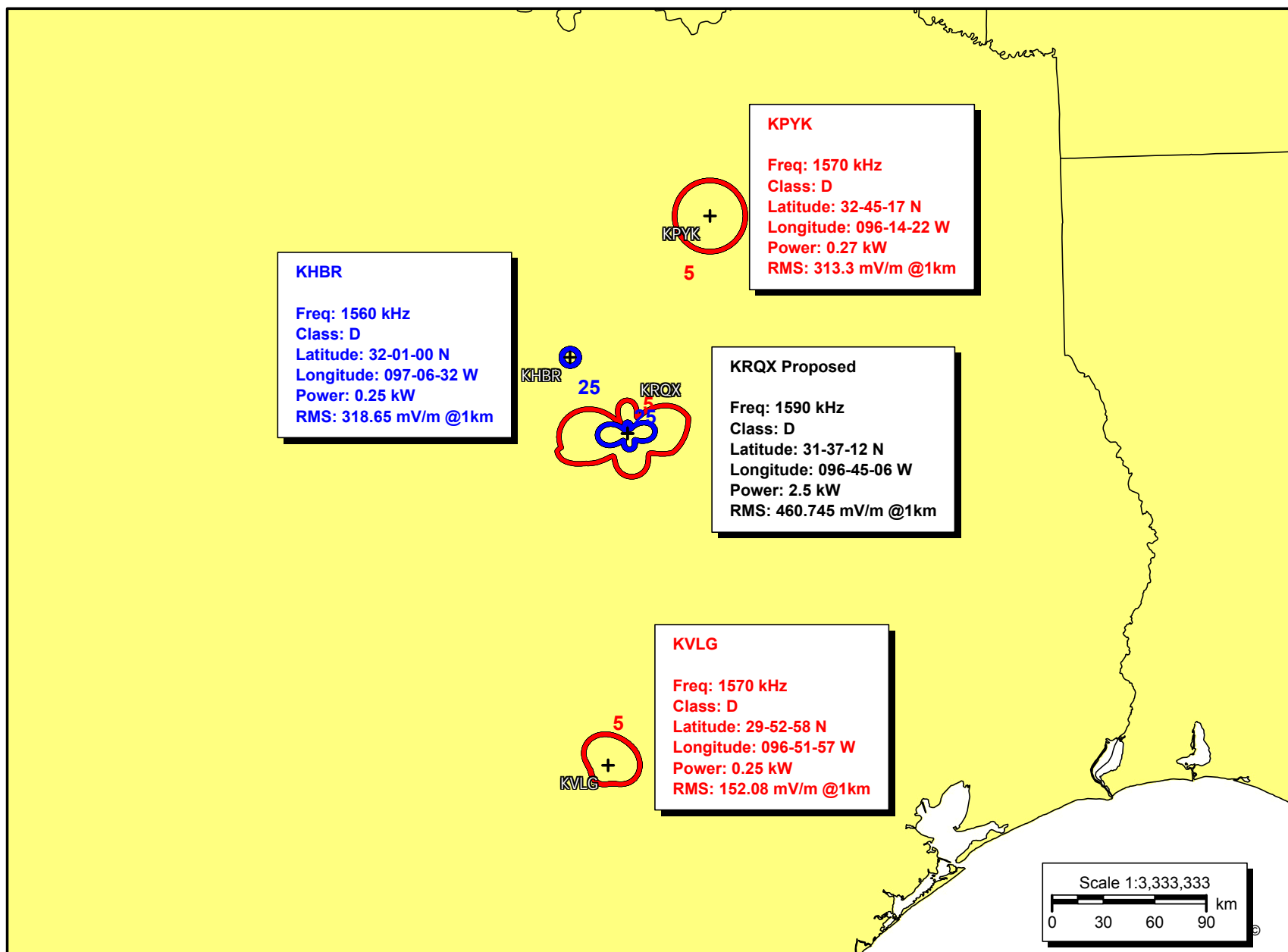
220.7 mi			Azi: 266.7	Class: D	Sched: D	File #: BMJP20040130AGV
			Location: CARLSBAD, TX, US			
404.9 km	KDAE	L	28-01-16 N	097-28-14 W	1.0 kW	DA2 - 320.3 mV/m@1km
251.6 mi			Azi: 189.7	Class: B	Sched: U	File #: BL13803
			Location: SINTON, TX, US			
471.4 km	KBJT	L	33-48-10 N	092-26-10 W	4.7 kW	ND2 - 413.4 mV/m@1km
292.9 mi			Azi: 60.3	Class: D	Sched: U	File #: BL20070425AIK
			Location: FORDYCE, AR, US			
473.5 km	KWEY	L	35-33-33 N	098-43-11 W	1.0 kW	DA2 - 310.6 mV/m@1km
294.2 mi			Azi: 336.8	Class: D	Sched: U	File #: BL
			Location: WEATHERFORD, OK, US			
516.5 km	KDAV	L	33-31-15 N	101-46-27 W	1.0 kW	DA2 - 371.0 mV/m@1km
320.9 mi			Azi: 292.7	Class: B	Sched: U	File #: BL20000222ACG
			Location: LUBBOCK, TX, US			
562.5 km	KKAY	L	30-11-01 N	091-06-27 W	1.0 kW	ND1 - 305.8 mV/m@1km
349.5 mi			Azi: 107.9	Class: D	Sched: U	File #: BL
			Location: WHITE CASTLE, LA, US			
563.9 km	KYNG	L	36-12-24.90 N	094-07-09.30 W	2.5 kW	ND2 - 297.4 mV/m@1km
350.4 mi			Azi: 26.3	Class: D	Sched: U	File #: BL20070413AHB
			Location: SPRINGDALE, AR, US			
622.3 km	WZRX	L	32-22-01 N	090-13-26 W	5.0 kW	DAN - 305.8 mV/m@1km
386.7 mi			Azi: 84.1	Class: B	Sched: U	File #: BL
			Location: JACKSON, MS, US			

*** 1600 kHz (+1) ***

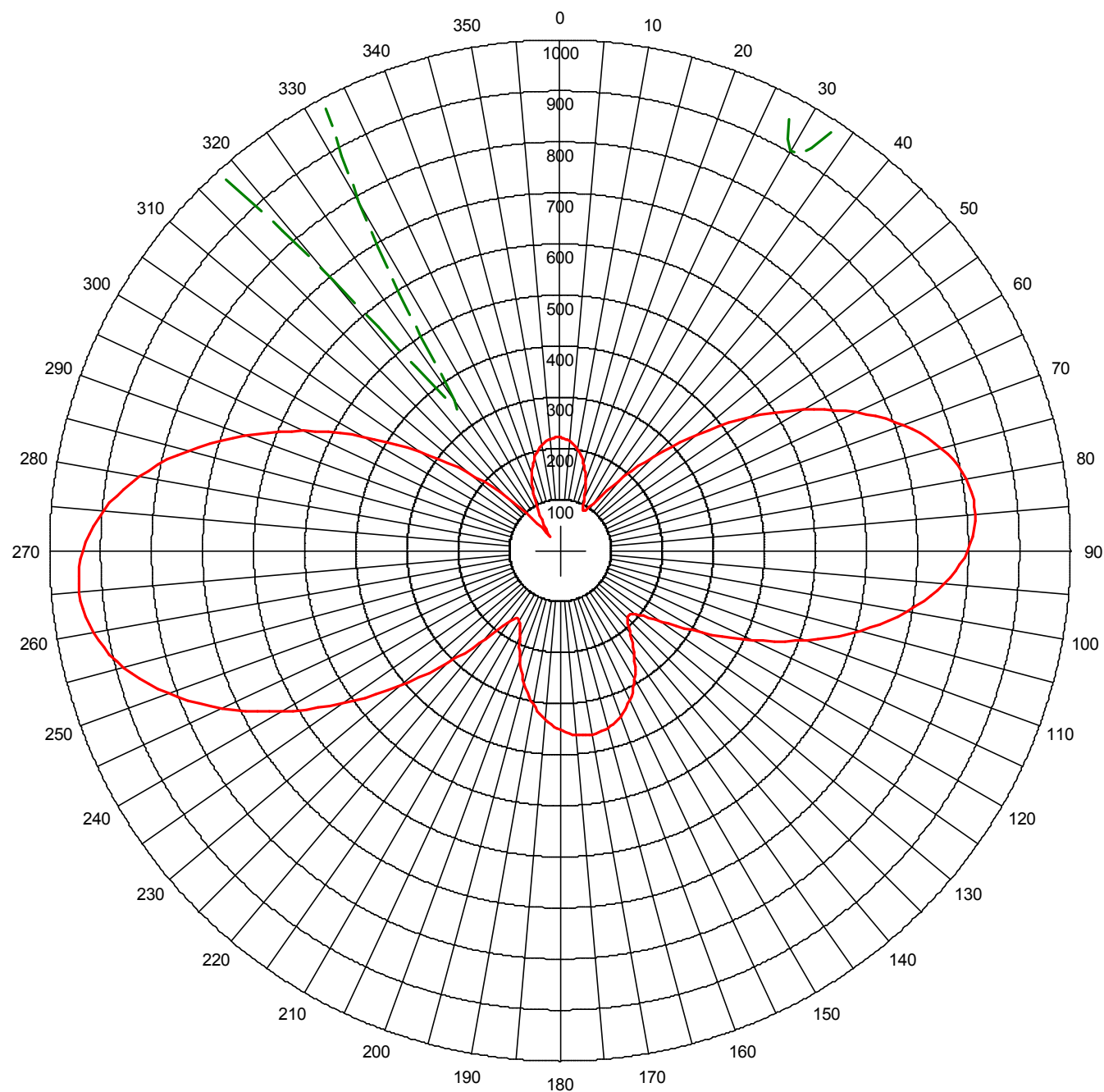
124.2 km	KRVA	L	32-44-23 N	096-42-41 W	25.0 kW	DA2 - 1512.0 mV/m@1km
77.2 mi			Azi: 1.8	Class: B	Sched: U	File #: BL20070131AKP
			Location: COCKRELL HILL, TX, US			
160.4 km	KOKE	L	30-20-44 N	097-32-46 W	5.0 kW	DA2 - 709.3 mV/m@1km
99.7 mi			Azi: 208.0	Class: B	Sched: U	File #: BL19990514DC
			Location: PFLUGERVILLE, TX, US			
330.3 km	KOGT	L	30-08-25 N	093-45-11 W	1.0 kW	DAN - 321.9 mV/m@1km
205.3 mi			Azi: 120.5	Class: B	Sched: U	File #: BL
			Location: ORANGE, TX, US			







KRQX 2.5 kW Day



Theo RMS: 460.745 mV/m@1km
Std RMS: 484.067 mV/m@1km
Q: 15.811 mV/m@1km

Standard Horizontal Plane Pattern

— Pattern (mV/m @ 1km)
- - - Pattern 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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: KRQX
Freq: 1590 kHz
MEXIA, TX, US
Hours: D
Lat: 31-37-12 N
Lng: 096-45-06 W
Power: 2.5 kW
Theo RMS: 460.74 mV/m@1km
@ 2.5 kW

AM Radiation Report

Call: KRQX
 Freq: 1590 kHz
 MEXIA, TX, US
 Hours: D
 Lat: 31-37-12 N
 Lng: 096-45-06 W
 Power: 2.5 kW
 Theo RMS: 460.74 mV/m @ 1km @ 2.5 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	221.29	5.0	215.32	10.0	200.81
15.0	177.68	20.0	146.77	25.0	112.27
30.0	90.47	35.0	112.61	40.0	176.16
45.0	260.47	50.0	355.21	55.0	453.96
60.0	550.93	65.0	640.23	70.0	716.09
75.0	773.24	80.0	807.51	85.0	816.23
90.0	798.57	95.0	755.71	100.0	690.71
105.0	608.28	110.0	514.40	115.0	416.15
120.0	321.90	125.0	242.60	130.0	193.67
135.0	187.64	140.0	214.88	145.0	254.04
150.0	291.99	155.0	323.32	160.0	346.22
165.0	360.30	170.0	365.73	175.0	362.80
180.0	351.69	185.0	332.49	190.0	305.27
195.0	270.43	200.0	229.62	205.0	187.95
210.0	159.50	215.0	169.03	220.0	225.10
225.0	311.62	230.0	413.85	235.0	522.50
240.0	630.32	245.0	730.67	250.0	817.32
255.0	884.69	260.0	928.34	265.0	945.35
270.0	934.69	275.0	897.25	280.0	835.77
285.0	754.46	290.0	658.54	295.0	553.67
300.0	445.42	305.0	338.80	310.0	238.03
315.0	146.62	320.0	69.07	325.0	36.05
330.0	78.79	335.0	124.34	340.0	161.32
345.0	189.18	350.0	208.25	355.0	218.91

**FIGURE 4 MEASUREMENT DETAILS
MINOR MODIFICATION TO LICENSED FACILITY
KRQX (AM) 1590 kHz
FID# 21493
2.5 kW DA D .072 kW DA N
MEXIA, TX
M&M BROADCASTERS, LTD**

The following pages contain measurement details for KGAS, KMIC, KOKE, and KRVA.

KGAS and KOKE measurements were done by Mike Vanhooser using a Potomac Instruments Field strength meter S/N 1164.

KMIC measurements were done by Mitch Rice and Tim Walker using an identical Field strength meter S/N 497.

KRVA measurements are mostly from granted applications on file with the Commission, with the exception of 215 degrees. Mitch Rice started where MBC, Texas, KRVA, Inc. stopped and continued to 95.1 kilometers.

All times are Central Standard Time, except where specified as Central Daylight Time.

All field strength readings taken by M&M were supervised and analyzed by the certifier of this application.

KGAS Measured Conductivity Source and Detail Used to Calculate Distance to Groundwave Contour

M3 soil data is used for conductivity not specified as measured

Bearing (Deg)	Region		Region		Region		Region		Source
	Cond	Dist	Cond	Dist	Cond	Dist	Cond	Dist	
221	3	3.1	4	19.3	3	28.1			See measured data and graphs
241	3	16.1	2	36.8	0.5	51.1			See measured data and graphs
261	3	28.6	1.5	52.3	2	61.8			See measured data and graphs
281	3	3.2	4	12.9	3	38.5	2	60.7	See measured data and graphs
301	4	3.04	3	53.1					See measured data and graphs

KGAS AM Measured Field Strength

Shown With Matching Conductivity Curves

KGAS

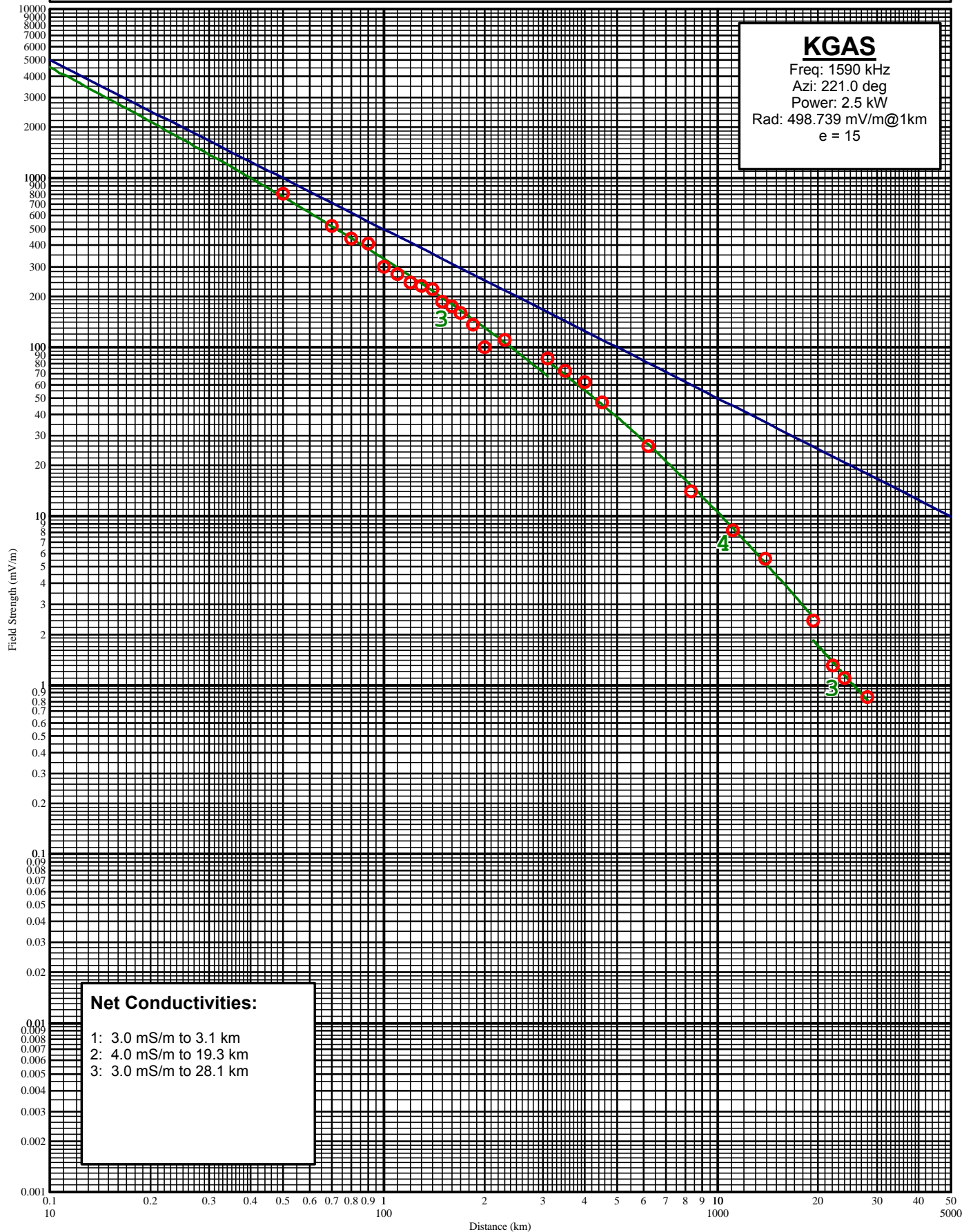
Freq: 1590 kHz

Azi: 221.0 deg

Power: 2.5 kW

Rad: 498.739 mV/m@1km

e = 15



KGAS 1590 KHz 221 Degree Radial**Engineer: Mike Vanhooser FIM41SN 1164**

Point	Distance k	Reading mV/m	Time	Date
1	0.5	810	1325	11/13/2009
2	0.7	520	1333	11/13/2009
3	0.8	440	1330	11/13/2009
4	0.9	410	1349	11/13/2009
5	1	300	1347	11/13/2009
6	1.1	270	1349	11/13/2009
7	1.2	240	1351	11/13/2009
8	1.3	230	1352	11/13/2009
9	1.4	220	1354	11/13/2009
10	1.5	185	1357	11/13/2009
11	1.6	175	1400	11/13/2009
12	1.7	160	1411	11/13/2009
13	1.85	135	1408	11/13/2009
14	2	100	1414	11/13/2009
15	2.30	110	1422	11/13/2009
16	3.1	86	1427	11/13/2009
17	3.5	72	1430	11/13/2009
18	4	62	1434	11/13/2009
19	4.5	47	1436	11/13/2009
20	6.2	26	1442	11/13/2009
21	8.32	14	1449	11/13/2009
22	11.10	8.2	1456	11/13/2009
23	13.9	5.6	1503	11/13/2009
24	19.3	2.4	1523	11/13/2009
25	22.1	1.3	1530	11/13/2009
26	24	1.1	1536	11/13/2009
27	28.1	0.85	1545	11/13/2009

KGAS AM Measured Field Strength

Shown With Matching Conductivity Curves

KGAS

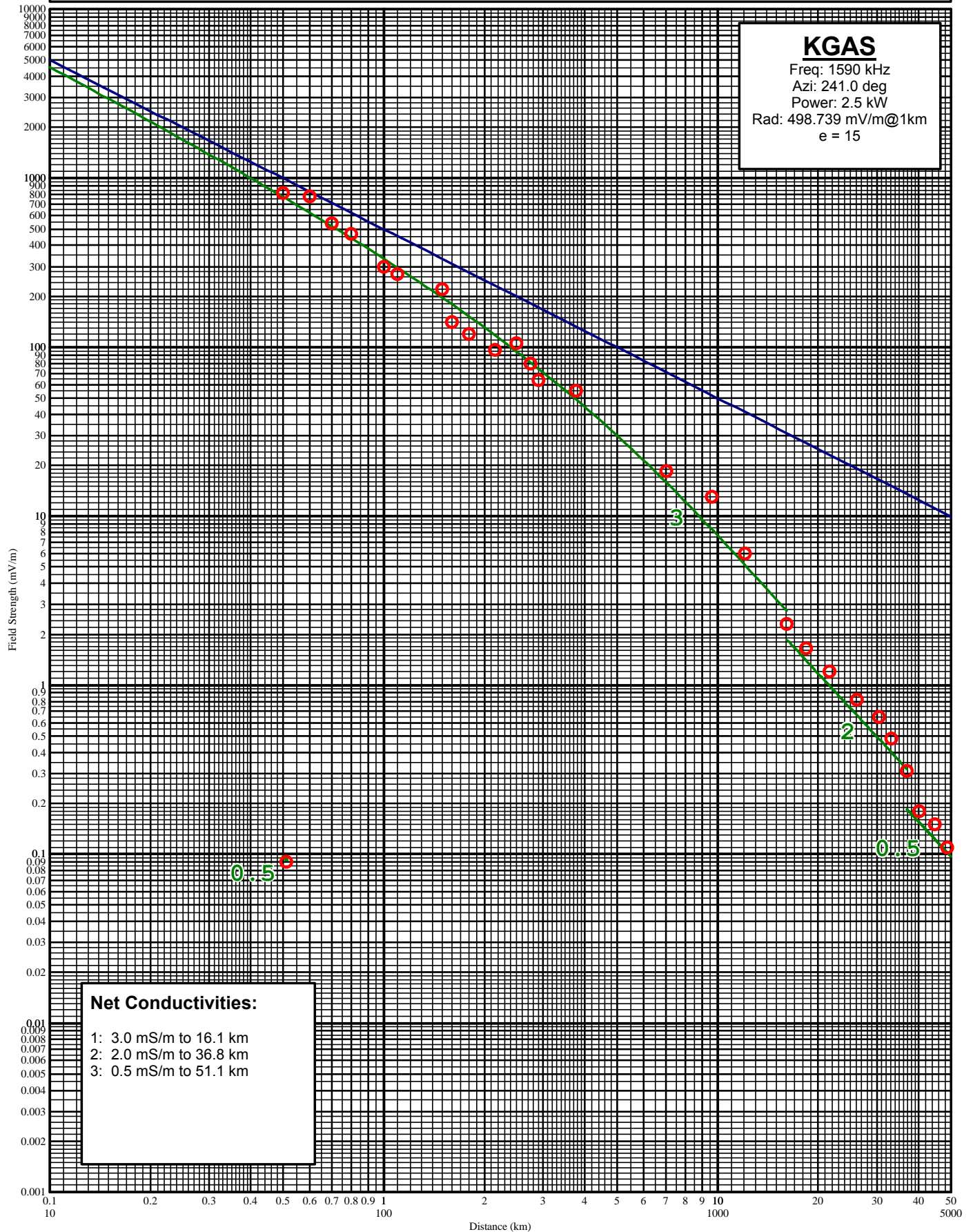
Freq: 1590 kHz

Azi: 241.0 deg

Power: 2.5 kW

Rad: 498.739 mV/m@1km

e = 15



KGAS 1590 KHz 241 Degree Radial**Engineer: Mike Vanhooser FIM 41 SN 1164**

Point	Distance k	Reading mV/m	Time*	Date
1	0.5	820	16:05	9/28/2009
2	0.6	780	16:02	9/28/2009
3	0.7	540	16:28	9/28/2009
4	0.8	470	16:40	9/28/2009
5	1	300	16:50	9/28/2009
6	1.1	270	16:55	9/28/2009
7	1.5	220	17:03	9/28/2009
8	1.6	140	17:11	9/28/2009
9	1.8	120	17:14	9/28/2009
10	2.15	96	17:17	9/28/2009
11	2.5	105	17:21	9/28/2009
12	2.75	80	17:27	9/28/2009
13	2.90	64	17:30	9/28/2009
14	3.77	55	10:40	9/30/2009
15	7.03	18.5	10:51	9/30/2009
16	9.62	13	11:02	9/30/2009
17	12.1	6	11:10	9/30/2009
18	16.1	2.3	11:18	9/30/2009
19	18.40	1.65	11:28	9/30/2009
20	21.6	1.2	11:36	9/30/2009
21	26.1	0.82	11:45	9/30/2009
22	30.4	0.65	11:54	9/30/2009
23	33.1	0.48	11:58	9/30/2009
24	36.8	0.31	12:07	9/30/2009
25	40.20	0.18	12:17	9/30/2009
26	44.7	0.15	12:52	9/30/2009
27	48.7	0.11	13:04	9/30/2009
28	51.1	0.09	13:16	9/30/2009

*CDST

KGAS AM Measured Field Strength

Shown With Matching Conductivity Curves

KGAS

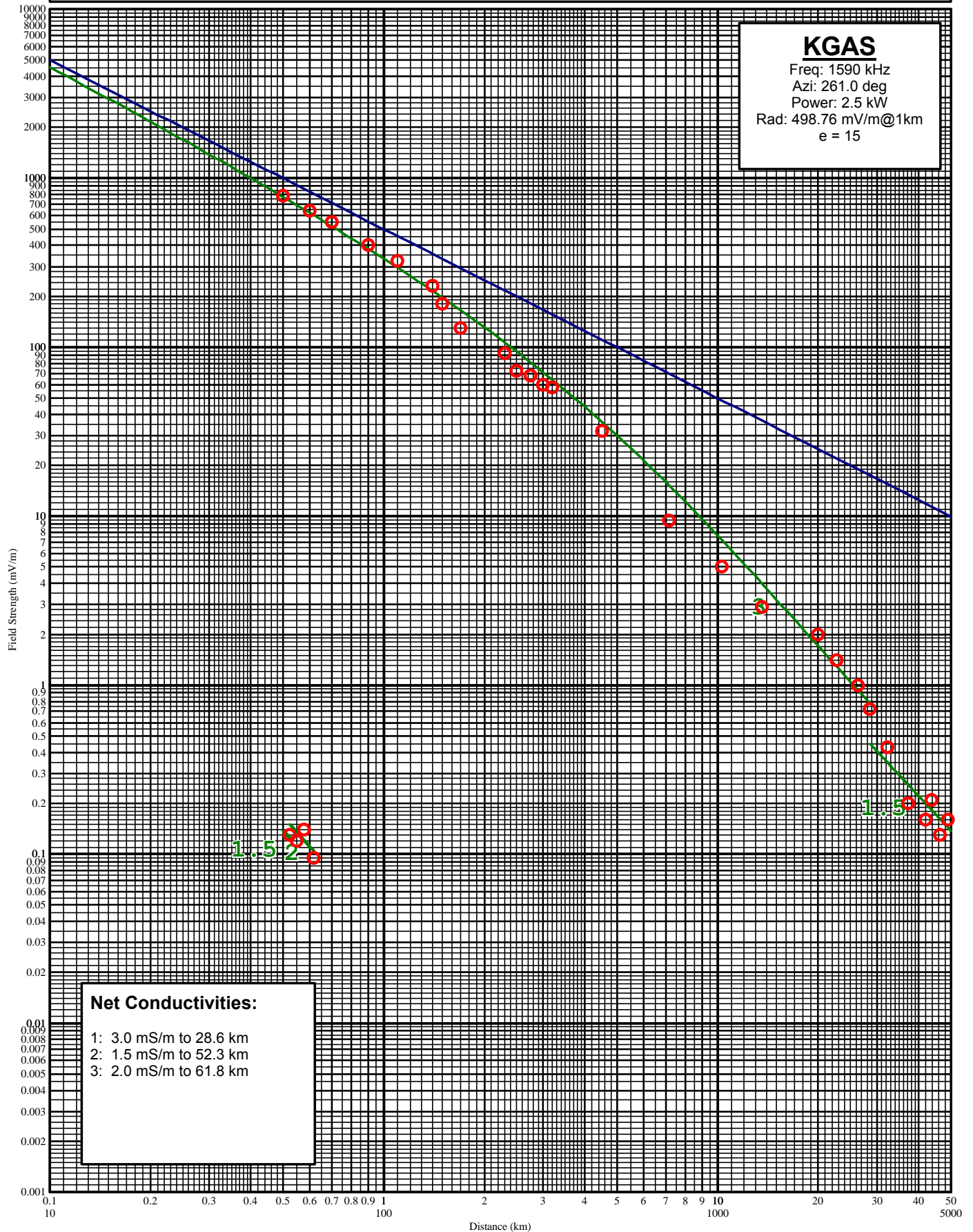
Freq: 1590 kHz

Azi: 261.0 deg

Power: 2.5 kW

Rad: 498.76 mV/m@1km

e = 15



KGAS 1590 KHz 261 Degree Radial**Engineer: Mike Vanhooser FIM 41 SN 1164**

Point	Distance k	Reading mV/m	Time *	Date
1	0.5	790	15:49	9/28/2009
2	0.6	640	15:52	9/28/2009
3	0.7	550	15:55	9/28/2009
4	0.9	400	16:46	9/28/2009
5	1.1	325	16:49	9/28/2009
6	1.4	230	17:00	9/28/2009
7	1.5	180	17:07	9/28/2009
8	1.7	130	17:45	9/28/2009
9	2.3	92	17:50	9/28/2009
10	2.5	72	17:55	9/28/2009
11	2.75	68	18:00	9/28/2009
12	3.00	60	18:02	9/28/2009
13	3.2	58	18:05	9/28/2009
14	4.5	32	10:35	9/30/2009
15	7.16	9.4	10:27	9/30/2009
16	10.3	5	10:17	9/30/2009
17	13.6	2.9	10:07	9/30/2009
18	20.00	2	9:55	9/30/2009
19	22.7	1.4	15:58	9/29/2009
20	26.3	1	15:51	9/29/2009
21	28.6	0.72	15:44	9/29/2009
22	32.2	0.43	15:34	9/29/2009
23	37.2	0.2	15:25	9/29/2009
24	42.00	0.16	15:16	9/29/2009
25	43.7	0.21	15:06	9/29/2009
26	46.4	0.13	14:57	9/29/2009
27	48.8	0.16	14:54	9/29/2009
28	52.3	0.13	14:46	9/29/2009
29	55	0.12	14:40	9/29/2009
30	57.7	0.14	14:33	9/29/2009
31	61.8	0.095	14:24	9/29/2009

*CDST

KGAS AM Measured Field Strength

Shown With Matching Conductivity Curves

KGAS

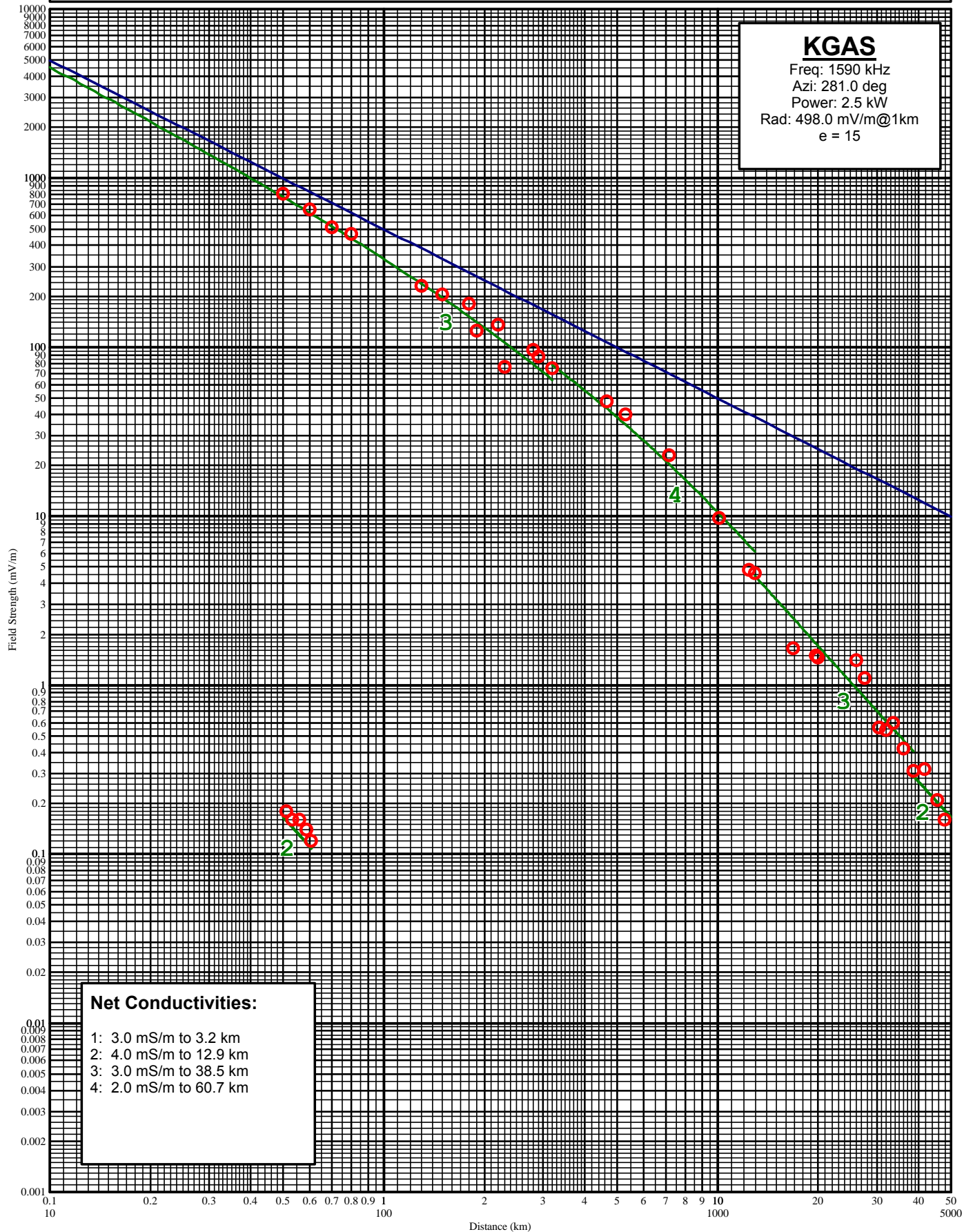
Freq: 1590 kHz

Azi: 281.0 deg

Power: 2.5 kW

Rad: 498.0 mV/m@1km

e = 15



KGAS 1590 KHz 281 Degree Radial**Engineer: Mike Vanhooser FIM41 SN 1164**

Point	Distance	Reading mV/m	Time*	Date
1	0.5	810	1425	9/28/2009
2	0.6	650	1428	9/28/2009
3	0.7	510	1431	9/28/2009
4	0.8	470	1435	9/28/2009
5	1.3	230	1445	9/28/2009
6	1.5	205	1450	9/28/2009
7	1.8	180	1501	9/28/2009
8	1.9	125	1505	9/28/2009
9	2.2	135	1510	9/28/2009
10	2.3	76	1515	9/28/2009
11	2.8	96	1520	9/28/2009
12	2.90	88	1523	9/28/2009
13	3.2	75	1525	9/28/2009
14	4.66	48	951	9/29/2009
15	5.3	40	1001	9/29/2009
16	7.15	23	1008	9/29/2009
17	10.1	9.8	1047	9/29/2009
18	12.40	4.8	1057	9/29/2009
19	12.9	4.6	1100	9/29/2009
20	16.8	1.65	1117	9/29/2009
21	19.7	1.5	1129	9/29/2009
22	20	1.45	1140	9/29/2009
23	26	1.4	1150	9/29/2009
23	27.60	1.1	1155	9/29/2009
24	30.4	0.56	1203	9/29/2009
25	32	0.54	1216	9/29/2009
26	33.5	0.6	1226	9/29/2009
27	36.1	0.42	1235	9/29/2009
28	38.5	0.31	1244	9/29/2009
29	41.7	0.32	1255	9/29/2009
30	45.5	0.21	1311	9/29/2009
31	47.9	0.16	1317	9/29/2009
32	51.2	0.18	1328	9/29/2009
33	53.2	0.16	1334	9/29/2009
34	56	0.16	1342	9/29/2009
35	58.6	0.14	1347	9/29/2009
36	60.7	0.12	1354	9/29/2009

*CDST

KGAS AM Measured Field Strength

Shown With Matching Conductivity Curves

KGAS

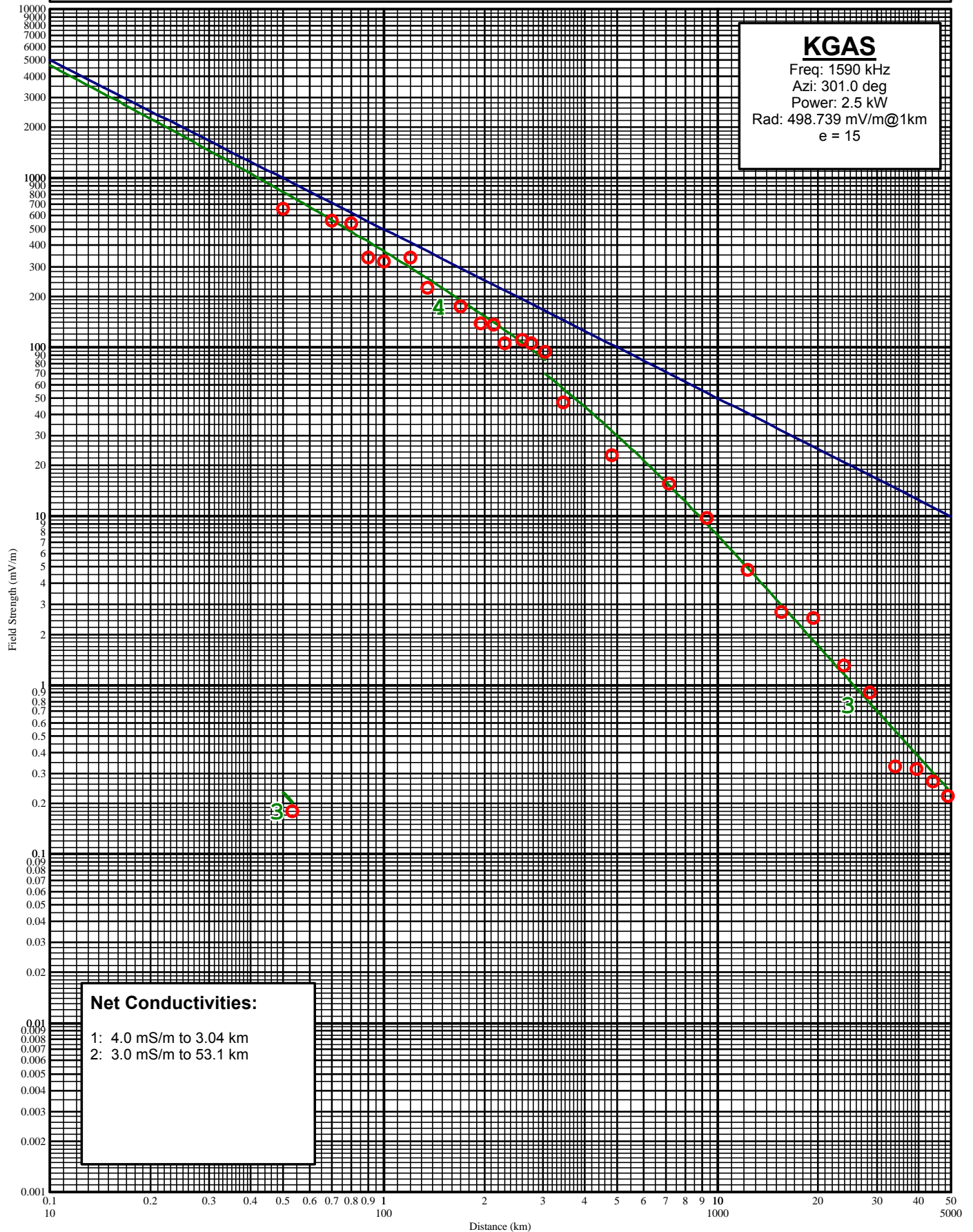
Freq: 1590 kHz

Azi: 301.0 deg

Power: 2.5 kW

Rad: 498.739 mV/m@1km

e = 15



KGAS 1590 KHz 301 Degree Radial**Engineer: Mike Vanhooser FIM 41 SN 1164**

Point	Distance k	Reading mV/m	Time	Date
1	0.5	660	1230	11/13/2009
2	0.7	560	1224	11/13/2009
3	0.8	540	1221	11/13/2009
4	0.9	340	1217	11/13/2009
5	1	320	1245	11/13/2009
6	1.2	240	1210	11/13/2009
7	1.35	225	1206	11/13/2009
8	1.7	175	1158	11/13/2009
9	1.95	138	1154	11/13/2009
10	2.13	135	1151	11/13/2009
11	2.3	105	1149	11/13/2009
12	2.6	110	1146	11/13/2009
13	2.77	105	1142	11/13/2009
14	3.04	94	1138	11/13/2009
15	3.45	47	1130	11/13/2009
16	4.82	23	1126	11/13/2009
17	7.15	16.5	1120	11/13/2009
18	9.27	9.8	1111	11/13/2009
19	12.3	4.8	1102	11/13/2009
20	15.5	2.7	1055	11/13/2009
21	19.3	2.5	1049	11/13/2009
22	23.9	1.3	1039	11/13/2009
23	28.5	0.9	1019	11/13/2009
24	34	0.33	1006	11/13/2009
25	39.4	0.32	953	11/13/2009
26	44.1	0.27	945	11/13/2009
27	48.8	0.22	929	11/13/2009
28	53.1	0.18	920	11/13/2009

KMIC Measured Conductivity Source and Detail Used to Calculate Distance to Groundwave Contour

M3 soil data is used for conductivity not specfied as measured

Bearing (Deg)	Region		Region		Region		Region		Source
	Cond	Dist	Cond	Dist	Cond	Dist	Cond	Dist	
313	3	3.14	7	16.1	4	43.8	1.5	65.5	See measured data and graphs
333	4	3.12	5	31.9	3	73.07	4	108.90	See measured data and graphs

KMIC AM Measured Field Strength

Shown With Matching Conductivity Curves

KMIC

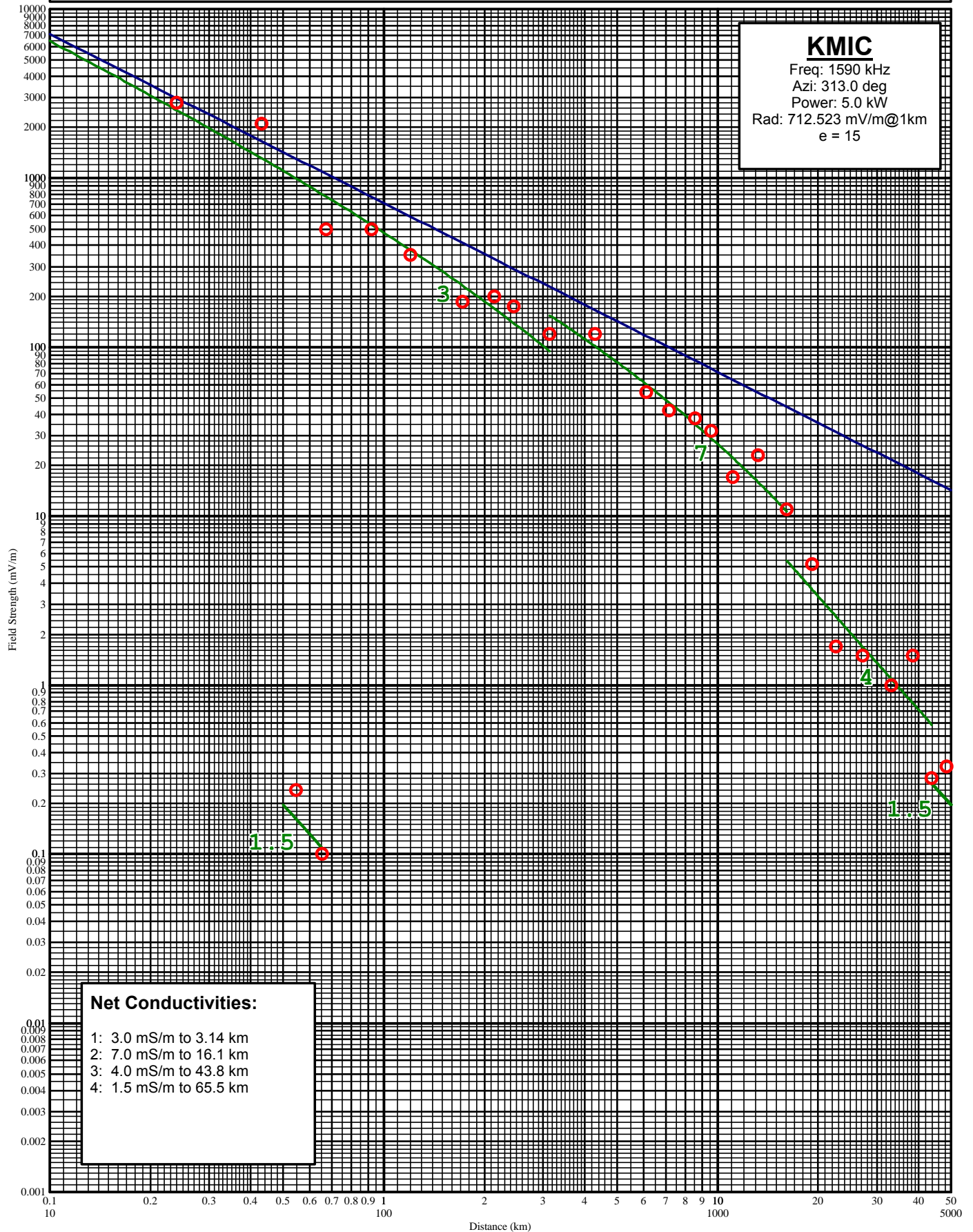
Freq: 1590 kHz

Azi: 313.0 deg

Power: 5.0 kW

Rad: 712.523 mV/m@1km

e = 15



Station KMIC	Date 9/29/2009
Frequency 1590	Page 1 of 1
City Houston	Conditions Humid 70-80'
County Harris	FIM 41 SN: 497
State Texas	Measurer Tim Walker
	Mitch Rice

Radial	313		NAD 27		DA	
Point	Distance Kilometers	Location & Description	Latitude	Longitude	Time CDST	F.S. (mV/m)
1	0.24	GOLDSPIRE / BAYOU VISTA	29.50'43.13"	95.26'57.52"	9:05	2800
2	0.43	W.TIDWELL @ LPOLE492680 IN MEDIAN	29.50'47.48"	95.27'03.20"	9:20	2100
3	0.67	BERTELLIS / PAUL QUINN ST.	29.50'58.55"	95.27'03.20"	9:25	500
4	0.92	5718 BALBO	29.50'58.79"	95.27'16.46"	9:27	500
5	1.2	3315 MANSFIELD	29.51'05.22"	95.27'24.03"	9:31	350
6	1.72	3525 DESOTO	29.51'16.08"	95.27'38.14"	9:38	185
7	2.14	614 OAK PASS DR.	29.51'24.58"	95.27'48.94"	9:50	200
8	2.45	5310 WINDING RD.	29.51'30.74"	95.27'56.14"	9:57	175
9	3.14	5620 W. LITTLE RD.	29.51'41.68"	95.28'17.14"	10:10	120
10	4.3	MIDDLE OF ALABONSON BRIDGE	29.52'14.19"	95.28'45.46"	10:17	120
11	6.12	SWONKE / HOUSTON-ROSSLYN RD	29.52'55.14"	95.29'41.14"	10:26	54
12	7.16	7415 SAWMILL TR.	29.53'17.33"	95.30'08.41"	10:36	42
13	8.54	WOODLAND OAKS	29.53'45.31"	95.30'42.36"	10:46	38
14	9.57	IN MEDIAN UPPEBROOK L RIVER ON WEST	26.54'09.59"	95.31'11.52"	10:55	32
15	11.1	8904 TAUB	29.54'46.08"	95.31'57.27"	11:01	17
16	13.2	FALLBROOK / WINDFERN IN MEDIAN	26.55'31.66"	95.32'53.96"	11:07	23
17	16.1	.1KM S OF BREEZY KNOLL ON MEADOW LN	29.56'18.04"	95.33'51.25"	11:20	11
18	19.2	11403 REGENCYGREEN LN	29.57'42.75"	95.35'35.08"	11:37	5.2
19	22.6	12514 KLUGE	29.59'07.60"	95.37'17.19"	11:51	1.7
20	27.2	1617 TELGE	30.00'37.95"	95.39'15.13"	12:16	1.5
21	33.1	19111 CYPRESS ROSE HILL	30.02'45.65"	95.41'51.24"	12:29	1
22	38.3	20153 FM 2920 (SOUTHLAND NURSERY)	30.04'48.00"	95.44'21.29"	13:18	1.5
23	43.8	23730 FM 2920	30.06'50.59"	95.46'53.36"	13:30	0.28
24	48.5	JOSEPH RD ACROOS FROMTEL PED 658	30.08'50.99"	95.49'22.82"	13:43	0.33
25	54.6	ON FM 1488 5.6 KM W OF JOSEPH RD	30.10'45.90"	95.5146.69"	13:56	0.24
26	65.5	DOGWOOD / DEER RUN	30.14'38.59"	95.56'37.76"	14:14	0.1

KMIC AM Measured Field Strength

Shown With Matching Conductivity Curves

KMIC

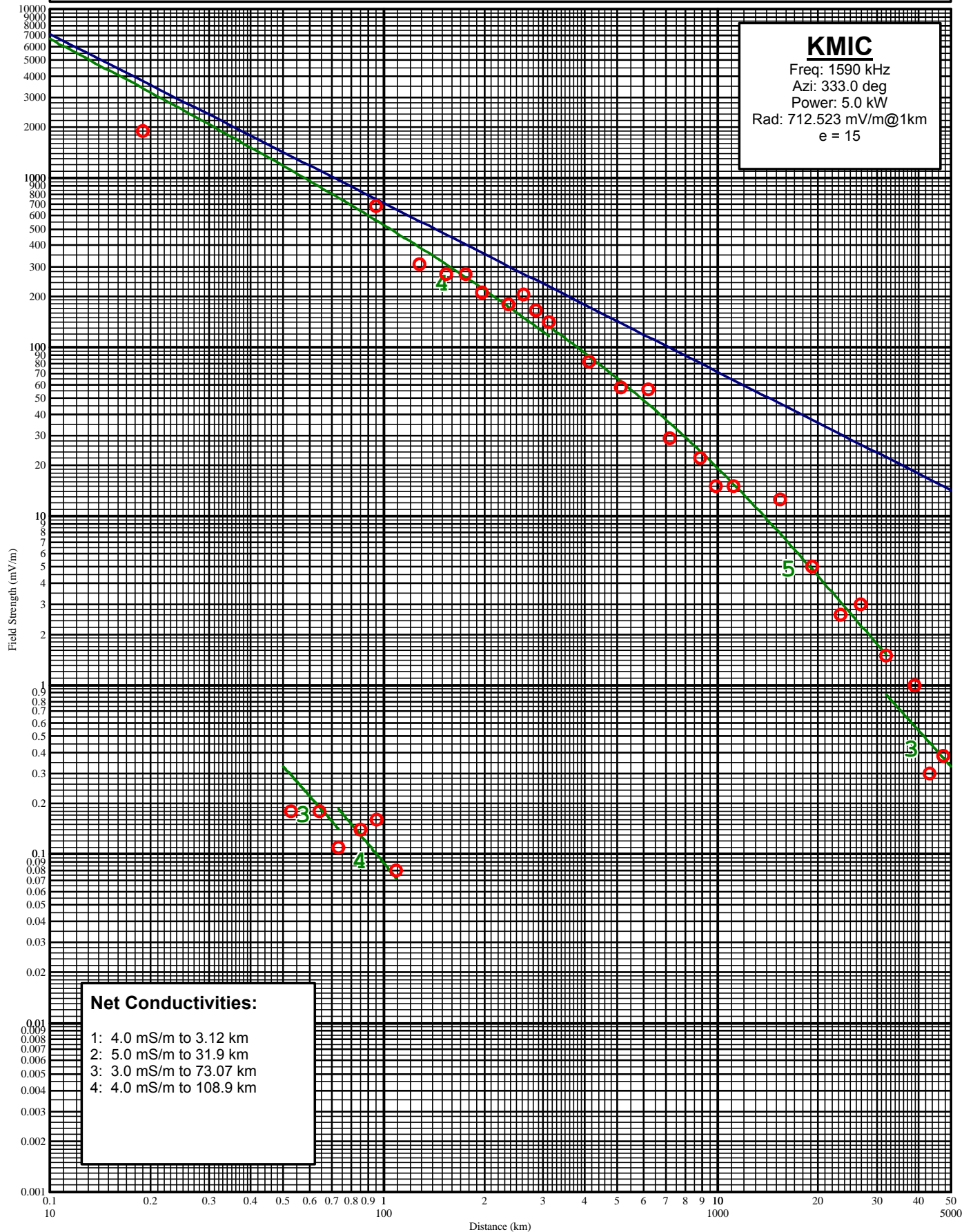
Freq: 1590 kHz

Azi: 333.0 deg

Power: 5.0 kW

Rad: 712.523 mV/m@1km

e = 15



Station KMIC
Frequency 1590
City Houston
County Harris
State TX

Date 9/30/2009
Page 1 of 1
Conditions Clear 75-85'
FIM 41 SN: 497
Measurer Mitch Rice
Tim Walker

Radial	333		NAD 27		DA	
Point	Distance Kilometers	Location & Description	Latitude	Longitude	Time	F.S. (mV/m)
1	0.19	W TIDWELL / GOLDSPIER IN MEDIAN	29.50'47.13"	95.26'55.44"	9:02	1900
2	0.947	2815 MANSFIELD ST	29.51'05.30"	95.27'06.41"	9:15	680
3	1.28	3107 DESOTO DR	29.51'15.97"	95.27'13.13"	9:18	310
4	1.54	3007 GARAPAN	29.51'23.85"	95.27'17.02"	9:24	270
5	1.76	3119 DALVIEW	29.51'29.88"	95.27'21.47"	9:26	270
6	1.97	3210 CARMEL	29.51'36.00"	95.27'24.91"	9:29	210
7	2.36	CHURCHES CKN TC JESTER / W LIL YORK	29.51'47.17"	95.27'30.98"	9:36	179
8	2.62	BLD 19 OAK VILLA	29.51'54.40"	95.27'35.95"	9:45	205
9	2.86	3810 HOLDER FORREST DR.	29.52'01.32"	95.27'40.03"	9:51	165
10	3.12	3901 CHERRY FOREST DR.	29.52'09.16"	95.27'44.13"	9:55	140
11	4.12	LONG CREEK / STREAMSIDE INTERSECTION	29.52'37.80"	95.28'00.28"	10:05	82
12	5.14	5638 HICKORY FORREST DR	29.53'07.03"	95.28'18.88"	10:12	58
13	6.21	5710 W MOUNT HOUSTON	29.53'32.98"	95.28'36.67"	10:16	56
14	7.2	6121 SPINDLE	29.54'06.50"	95.28'53.15"	10:20	29
15	8.85	NW PARK DR BETWEEN BLD 1-2	29.54'53.78"	95.29'21.81"	10:27	22
16	9.88	9955 Bammel Building 8-9	29.55'23.68"	95.29'38.74"	10:36	15
17	11.17	7614 BLUFF POINT	29.56'00.82"	95.30'00.69"	10:43	15
18	15.41	6217 THEALL	29.58'03.33"	95.31'11.72"	10:58	12.5
19	19.15	8810 CYPRESWOOD	29.59'51.31"	95.32'14.26"	11:12	5
20	23.3	8854 SPRING CYPRES	30.01'52.62"	95.33'24.69"	11:30	2.6
21	26.8	10419 BOUDREAUX	30.03'33.95"	95.34'25.84"	11:45	3
22	31.9	11211 FM2920	30.05'59.31"	95.35'05.17"	11:57	1.5
23	38.9	HARDIN STORE RD	30.09'20.82"	95.37'52.09"	12:51	1
24	43.2	31233 DOBBIN-HUFFSMITH	30.11'25.53"	95.39'02.02"	13:01	0.3
25	47.33	13003 FM1488	30.13'23.45"	95.40'12.81"	13:10	0.38
26	52.64	20825 KAREN	30.15'55.11"	95.41'45.44"	13:20	0.18
27	64.2	24773 BEULAH	30.21'30.00"	95.44'59.50"	13:52	0.18
28	73.07	4500 N FM 1486	30.25'44.32"	95.47'33.06"	14:05	0.11
29	85.2	CR 249	30.31'31.81"	95.51'03.94"	14:17	0.14
30	95.4	18741 FM30	30.36'26.59"	95.53'57.81"	14:29	0.16
31	108.9	17803 FM90	30.42'54.17"	95.57'51.83"	15:24	0.08

KRVA Measured Conductivity Source and Detail Used to Calculate Distance to Groundwave Contour

M3 soil data is used for conductivity not specified as measured

Bearing (Deg)	Region Cond Dist		Region Cond Dist		Region Cond Dist		Region Cond Dist		Source
138	8	82.4							On file with the Commission see FCC file number BP20050127AIX
153	10	27.5	15	80.1					On file with the Commission see FCC file number BP20050127AIX*
170	6	2.7	10	31.8	10	52	15	80.3	On file with the Commission see FCC file number BP20050127AIX*
187	10	30.5	15	39	10	79.8			On file with the Commission see FCC file number BP20050127AIX*
201	3	12	5	23	10	60	7	81	On file with the Commission see FCC file number BP20050127AIX
215	10	3.1	8	14	10	31.8			On file with the Commission see FCC file number BL19890329AC referenced in BP20050127AIX
215	10	95.1							See measured data and graphs
224	3	1	1	3.4	4	16	5	36.5	On file with the Commission KTNO proof BL20040827ACM (site is 1.6 km from KRVA)
240	5	40.1	6	80.3					On file with the Commission see FCC file number BP20090709ANP and BP20050127AIX

*Data includes data referenced from BL19890329AC

KRVA AM Measured Field Strength

Shown With Matching Conductivity Curves

KRVA

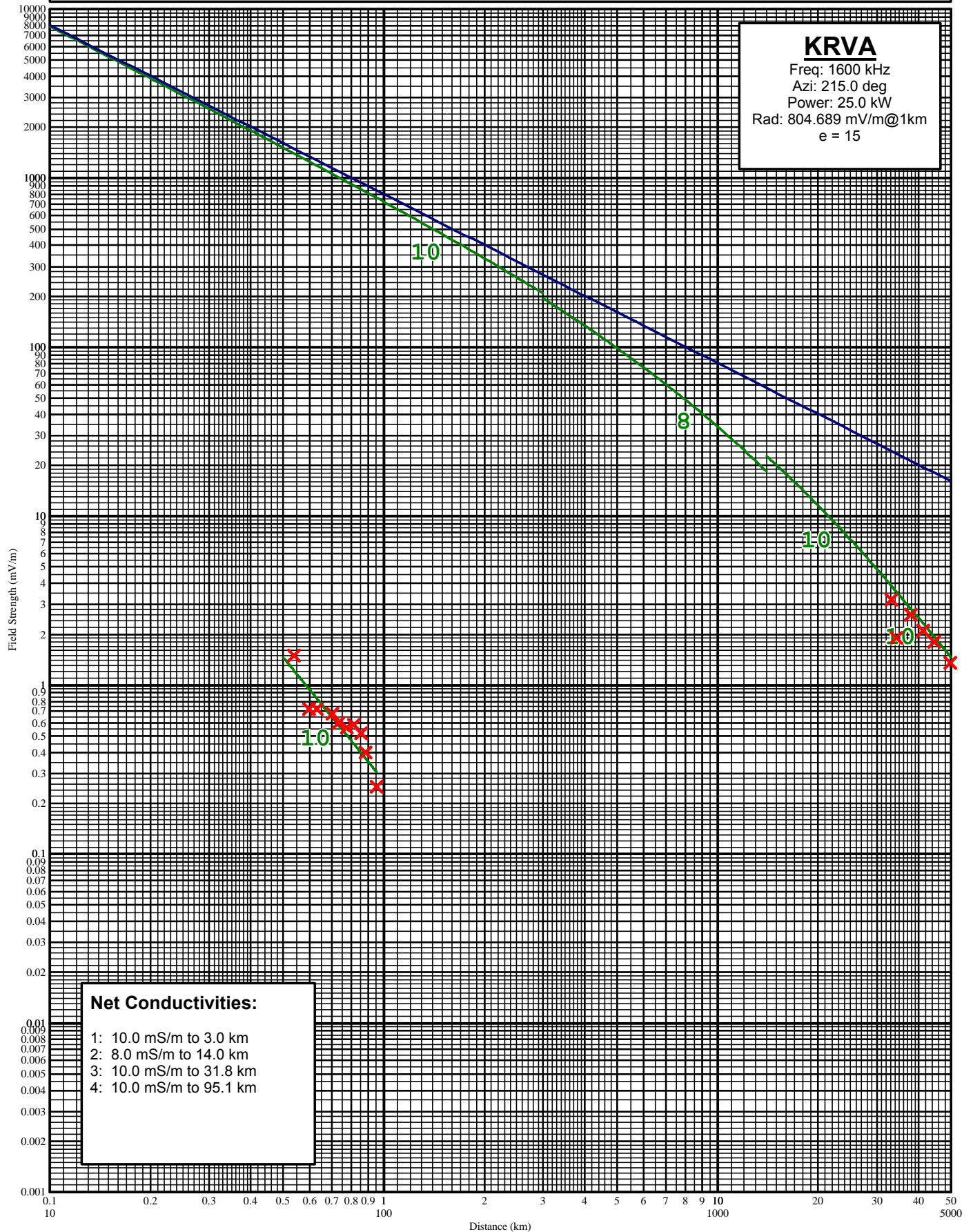
Freq: 1600 kHz

Azi: 215.0 deg

Power: 25.0 kW

Rad: 804.689 mV/m@1km

e = 15



KRVA 1600 kHz 215 Degree Radial**Engineer: Mitch Rice FIM41 SN 497**

Point number	Distance k	Reading mV/m	Time CDST	Date
1	33.1	3.2	1037	10/2/2009
2	34.33	1.9	1053	10/2/2009
3	37.8	2.6	1104	10/2/2009
4	41.25	2.1	1121	10/2/2009
5	44.5	1.8	1134	10/2/2009
6	49.67	1.35	1148	10/2/2009
7	53.85	1.5	1202	10/2/2009
8	59.7	0.72	1325	10/2/2009
9	63.1	0.72	1339	10/2/2009
10	70.2	0.68	1410	10/2/2009
11	73.1	0.6	1424	10/2/2009
12	77.40	0.56	1447	10/2/2009
13	81.5	0.58	1500	10/2/2009
14	85.5	0.52	1512	10/2/2009
15	88.3	0.4	1542	10/2/2009
16	95.1	0.25	1600	10/2/2009

KOKE Measured Conductivity Source and Detail Used to Calculate Distance to Groundwave Contour

M3 soil data is used for conductivity not specfied as measured

Bearing (Deg)	Region		Region		Region		Region		Source
	Cond	Dist	Cond	Dist	Cond	Dist	Cond	Dist	
5	5	4.2	10	15.3	20	31			See measured data and graphs
15	6	3.5	8	14.6	15	34.40			See measured data and graphs

KOKE AM Measured Field Strength

Shown With Matching Conductivity Curves

KOKE

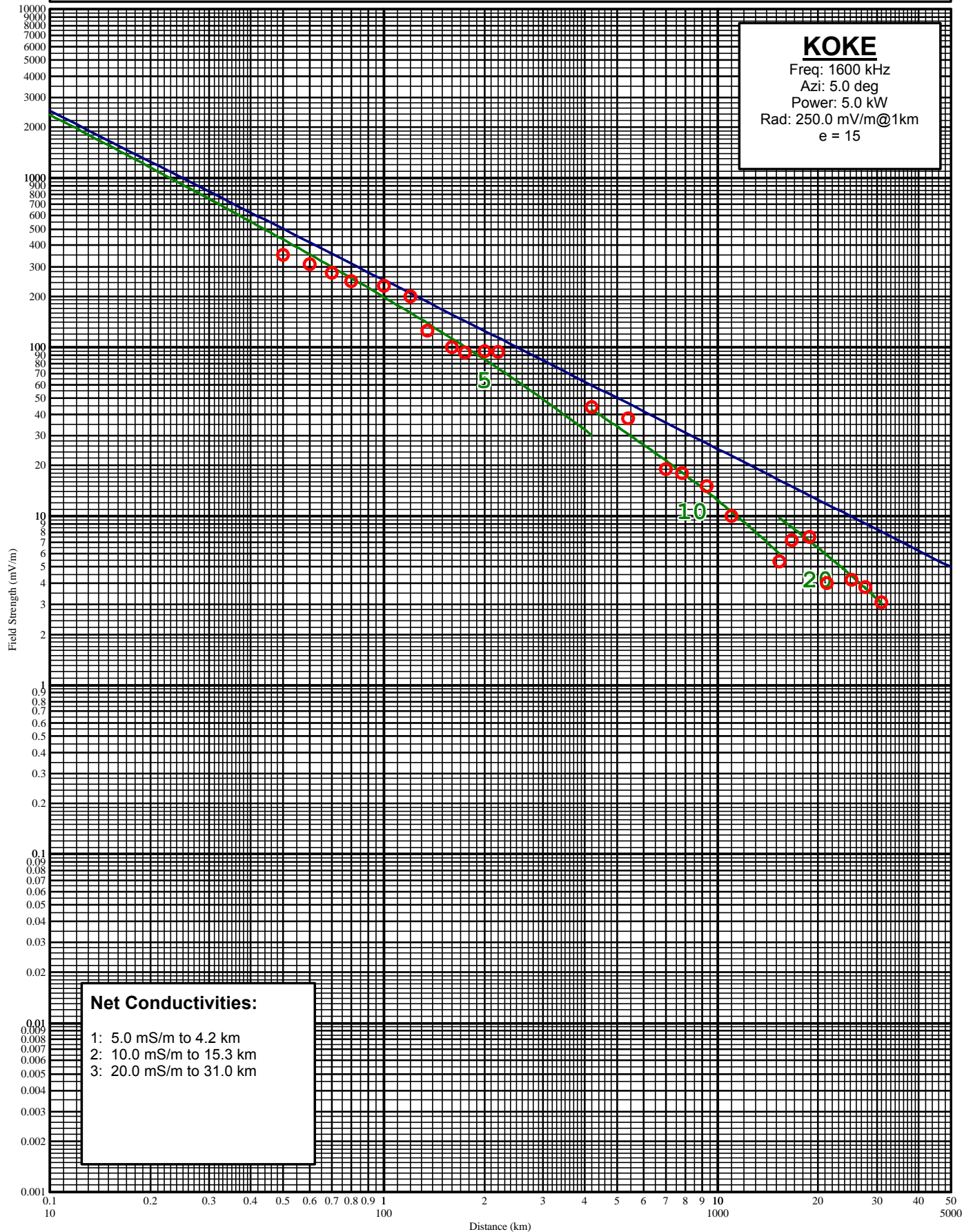
Freq: 1600 kHz

Azi: 5.0 deg

Power: 5.0 kW

Rad: 250.0 mV/m@1km

e = 15



KOKE 1600 kHz 05 Degree Radial Measured Data**Engineer: Mike Van Hooser FIM 41 SN 1164**

Point Number	Distance k	Field mV/m	Time CDST	Date
1	0.5	350	10:12	10/23/2009
2	0.6	310	10:15	10/23/2009
3	0.7	275	10:18	10/23/2009
4	0.8	245	10:24	10/23/2009
5	1	230	10:31	10/23/2009
6	1.2	200	10:33	10/23/2009
7	1.35	125	10:37	10/23/2009
8	1.6	100	10:39	10/23/2009
9	1.75	93	10:43	10/23/2009
10	2	95	10:53	10/23/2009
11	2.2	94	10:59	10/23/2009
12	4.2	44	11:23	10/23/2009
13	5.4	38	11:28	10/23/2009
14	7	19	11:44	10/23/2009
15	7.83	18	11:48	10/23/2009
16	9.27	15	11:53	10/23/2009
17	11	10	11:59	10/23/2009
18	15.3	5.4	12:07	10/23/2009
19	16.7	7.2	12:12	10/23/2009
20	18.8	7.5	12:21	10/23/2009
21	21.2	4	12:33	10/23/2009
22	25.2	4.2	12:41	10/23/2009
23	27.7	3.8	12:47	10/23/2009
24	31	3.1	12:55	10/23/2009

KOKE AM Measured Field Strength

Shown With Matching Conductivity Curves

KOKE

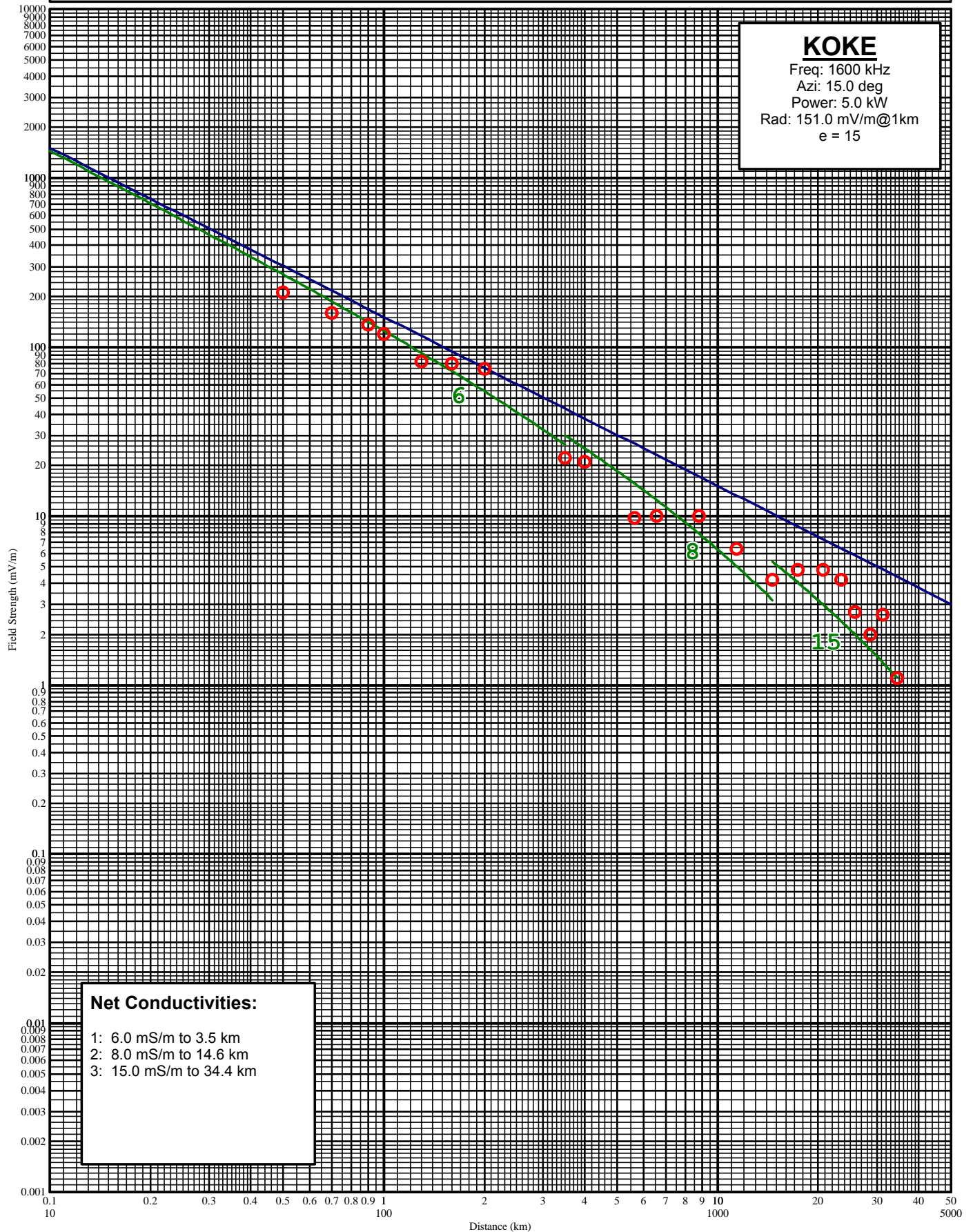
Freq: 1600 kHz

Azi: 15.0 deg

Power: 5.0 kW

Rad: 151.0 mV/m@1km

e = 15



KOKE 1600 kHz 15 Degree Radial Measured Data**Engineer: Mike Vanhooser FIM 41 SN 1164**

Point Number	Distance k	Field mV/m	Time CDST	Date
1	0.5	210	11:34	10/18/2009
2	0.7	160	11:44	10/18/2009
3	0.8	145	11:50	10/18/2009
4	0.9	135	11:55	10/18/2009
5	1	120	12:05	10/18/2009
6	1.3	82	12:17	10/18/2009
7	1.6	80	12:22	10/18/2009
8	2	74	12:28	10/18/2009
9	3.5	22	12:40	10/18/2009
10	4	21	12:46	10/18/2009
11	5.63	9.8	12:52	10/18/2009
12	6.57	10	12:58	10/18/2009
13	8.8	10	13:06	10/18/2009
14	11.4	6.4	13:14	10/18/2009
15	13	5.4	13:19	10/18/2009
16	14.6	4.2	13:25	10/18/2009
17	17.4	4.8	13:31	10/18/2009
18	23.4	4.2	13:43	10/18/2009
19	25.8	2.7	13:50	10/18/2009
20	28.7	2	13:58	10/18/2009
21	31.3	2.6	14:04	10/18/2009
22	34.4	1.1	14:14	10/18/2009

Groundwave Field Strength vs. Distance

Inverse Distance Field: 100.0 mV/m@1km

Family of Curves

1520 - 1600 kHz

Computed for 1560 kHz
 $e = 15$

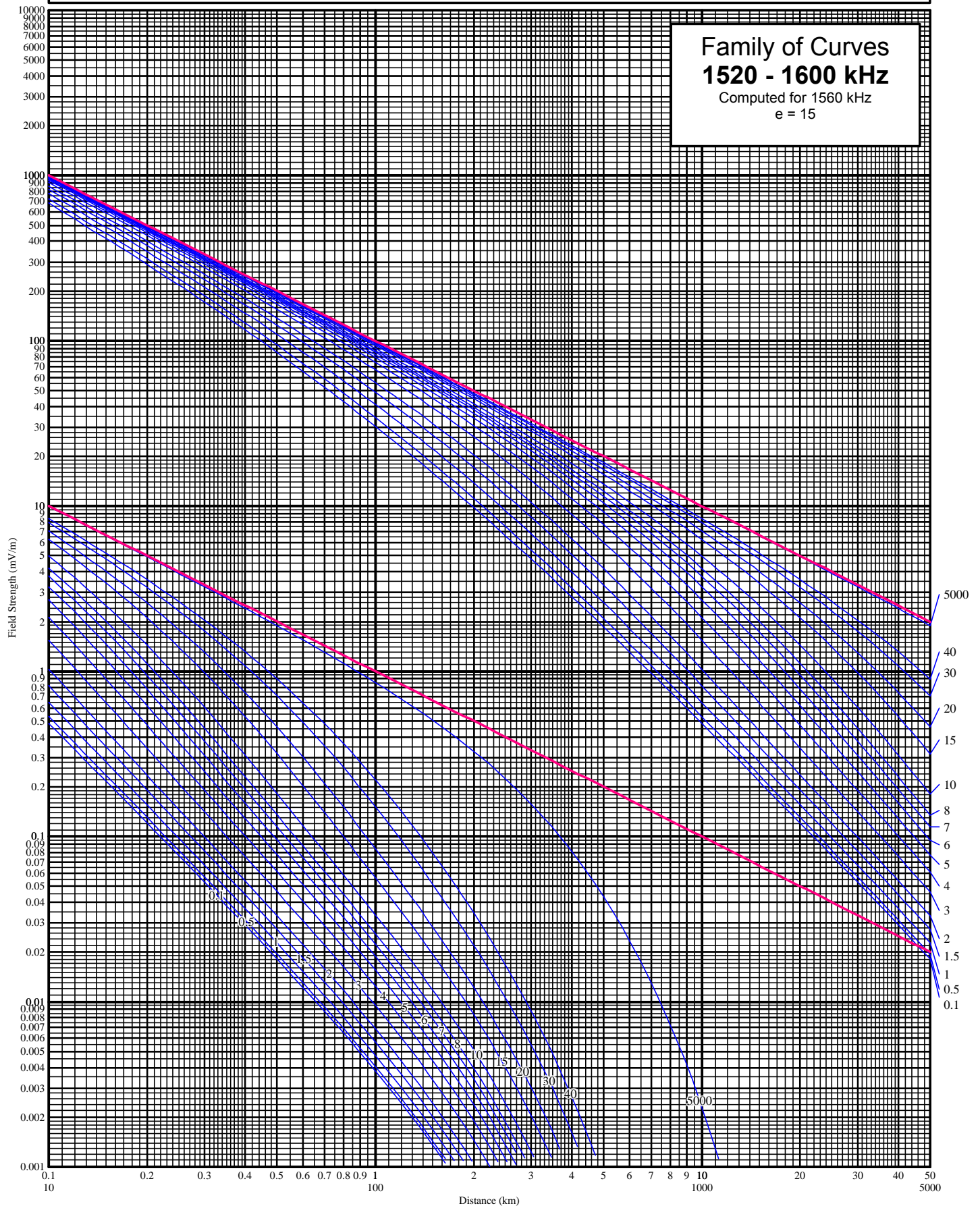


FIGURE 5
MINOR MODIFICATION TO LICENSED FACILITY
KRQX (AM) 1590 kHz
FID# 21493
2.5 kW DA D .072 kW DA N
MEXIA, TX
M&M BROADCASTERS, LTD

Night Allocation Protection Report

Call: KRQX
 Freq: 1590 kHz
 MEXIA, TX, US
 Hours: n
 Lat: 31-37-12 N
 Lng: 096-45-06 W
 Power: 0.072 kW
 Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Call	Prot	Permis	Cur Rad	Margin	Azi	Ang Low	Ang High	SWFF	Req
Letters			Ct St City		(deg)	(deg)	(deg)	(100uV/m)	
(mV/m)		(mV/m)	(mV/m)	(mV/m)					

 WALG US GA ALBANY 86.68 4.20 8.64 35.04
 0.973 138.77 137.87 0.90
 50% = 2.967, 25% = 3.92; XEVOZ/ =2.01 WXVI=1.58 WFBR=1.52 WZRX=1.15 TGXC-
 A=1.13 KMIC=1.01 WPVL=1.00
 WNTS=0.99 WKTP=0.97

NEW US TX KERRVILLE 233.57 26.23 39.43 222.93
 3.925 88.04 82.39 5.65
 50% = 9.23, 25% = 12.488; KDAV=5.88 XEVOZ/ =5.05 KMIC=5.01 KERP=4.12
 KRQX=3.93 XEACH/A=3.72 KDAE=3.62
 XE/A=3.39

NEW US TX KERRVILLE 233.35 26.34 39.57 223.89
 3.938 87.95 81.78 6.17
 50% = 9.258, 25% = 12.491; KDAV=5.90 KMIC=5.05 XEVOZ/ =5.05 KERP=4.10
 KRQX=3.94 XEACH/A=3.72 KDAE=3.57
 XE/A=3.39

KDAV US TX LUBBOCK 295.52 14.43 23.69 117.23
 2.318 98.88 91.85 7.03
 50% = 4.864, 25% = 7.037; XEVOZ/ =3.19 KMIC=2.75 KERP=2.43 XEDM/A=2.34
 KRQX=2.32 KVGB=2.17
 XEPNA/A=1.90 XE/A=1.84 XECSE/A=1.82

WZRX US MS JACKSON 80.59 11.65 19.64 92.07
 2.726 148.02 134.06 13.96
 50% = 10.891, 25% = 11.227; WVNA=9.40 WALG=5.49 XEVOZ/ =2.73

KMIC US TX HOUSTON 147.41 31.12 45.13 262.28
 4.667 88.98 31.23 57.74
 50% = 6.636, 25% = 9.925; XEVOZ/ =4.72 KRQX=4.67 KDAV=3.13 KDAE=2.92
 WALG=2.85 XE/A=2.72 XEACH/A=2.69

KVGB=2.68 WZRXX=2.49

KDAE US TX SINTON 190.01 18.60 29.55 155.75
3.480 111.71 40.78 70.92
50% = 11.131, 25% = 14.215; KMIC=7.48 XEVOZ/ =6.56 XEACH/A=5.00 XE/A=4.58
XENVA2/A=4.06 KDAV=3.98
KELP=3.57 XE0067/A=3.48

WVNA US AL TUSCUMBIA 65.10 6.91 12.62 52.45
1.907 181.76 108.76 73.00
50% = 5.791, 25% = 7.678; WZRXX=5.00 WAKR=2.92 WALG=2.54 WCGO=2.04 WNTS=1.94
WPVL=1.93 WKTP=1.92
XEVOZ/ =1.91

KVGB US KS GREAT BEND 346.55 8.90 15.57 67.11
1.435 106.91 32.01 74.90
50% = 3.452, 25% = 4.736; KDAV=2.22 WAKR=1.93 XEVOZ/ =1.81 KUNX=1.60
KLFE=1.51 KWBG=1.44 KRQX=1.43
KMIC=1.25

KELP US TX EL PASO 273.40 6.91 12.62 53.67
2.564 238.87 153.50 85.37
50% = 8.073, 25% = 10.525; XEDM/A=5.37 KDAV=4.62 KMIK=3.88 XEVOZ/ =3.51
XECSE/A=3.12 XE/A=3.05
XEHC/A=2.76 XEPNA/A=2.56

WAKR US OH AKRON 48.22 0.93 4.06 16.51
0.753 228.17 55.54 172.63
50% = 1.971, 25% = 3.025; WKTP=1.19 WNTS=1.15 WHGT=1.07 WFBR=0.94 WCGO=0.93
WASB=0.91 XEVOZ/ =0.87
KDAV=0.83 WTVB=0.82 WKHZ=0.75

WKTP US TN JONESBOROUGH 64.40 2.62 6.39 25.15
1.598 317.75 107.33 210.42
50% = 5.07, 25% = 6.394; WNTS=3.69 WFBR=3.48 WZRXX=2.49 WAKR=1.79 WHGT=1.79
WKHZ=1.60

XENVA2/A MX TA MATAMOROS 186.57 14.64 14.64 103.37
5.712 276.29 48.11 228.18
50% = 11.424, 25% = 15.707; XEVOZ/ =9.22 KDAE=6.74 XE0067/A=5.44 XEIRG/A=5.32
XEPNA/A=4.49 KELP=4.41
XEAGA/A=4.33

XEBZ/O MX CH CD.DELICIAS 247.75 9.68 9.68 72.34
5.719 395.28 130.68 264.60
50% = 12.161, 25% = 15.327; KELP=6.59 XEVOZ/ =6.05 KDAV=5.93 KDAE=5.72
XEPNA/A=5.37 XECSE/A=5.29
XE0067/A=3.92 XEIRG/A=3.86

XEACH/A MX NL MONTERREY 207.87 12.82 12.82 93.24
6.045 324.18 28.22 295.97
50% = 12.828, 25% = 17.163; XEVOZ/ =9.49 KDAE=6.17 XE0067/A=6.05 KELP=5.93
XEIRG/A=5.91 XEPNA/A=5.89
XEAGA/A=5.03

KOKE US TX PFLUGERVILLE 208.33 41.49 55.72 332.49
2.485 373.72 43.82 329.90

50% = 8.386, 25% = 9.941; KRVA=5.87 KATZ=4.24 HCPN1-A=4.23 WMNE=3.87
KGST=2.62 KXEW=2.58

KRVA US TX COCKRELL HILL 1.73 48.84 62.19 374.48
2.804 374.33 36.90 337.43
50% = 10.561, 25% = 11.214; KATZ=7.96 KOKE=6.94 HCPN1-A=3.77

KWBG US IA BOONE 11.63 4.26 8.73 32.37
2.913 449.83 33.83 416.00
50% = 9.233, 25% = 11.65; KVGB=9.23 WAKR=3.95 WPVL=3.86 WCGO=3.16 WTVB=3.16

XEMTS/O MX TA CD.MADERO 186.14 7.99 7.99 59.07
5.815 492.19 53.94 438.24
50% = 11.63, 25% = 14.61; XE0067/A=7.01 XEIRG/A=6.80 XEVOZ/ =6.31
XEPNA/A=5.45 XEAGA/A=5.08 KDAE=4.77

XE/A MX SL MATEHUALA 204.32 9.03 9.03 67.31
6.844 508.34 32.48 475.87
50% = 15.018, 25% = 16.748; XEVOZ/ =8.37 XE0067/A=7.47 XEIRG/A=7.28
XEPNA/A=6.84 XEAGA/A=6.13
KELP=4.17

WRXB US FL ST. PETERSBURG 104.05 2.56 6.31 26.83
3.252 606.06 106.45 499.61
50% = 11.048, 25% = 13.009; WALG=11.05 KMIC=4.42 WZRX=3.84 WKTP=3.59

WNTS US IN BEECH GROVE 43.83 3.26 7.30 27.42
3.081 561.72 42.67 519.04
50% = 11.144, 25% = 12.323; WAKR=9.86 WCGO=5.20 WVNA=3.75 WKTP=3.69

XE/A MX SO CD.OBREGON 253.53 4.97 4.97 34.43
4.627 671.91 146.76 525.16
50% = 9.861, 25% = 11.695; XECSI/A=5.45 KELP=4.82 XEPNA/A=4.79 XEHC/A=4.63
XEVOZ/ =4.14 KDAV=3.66
KDAE=3.00

XECSI/A MX SI CULIACAN 236.82 5.59 5.59 39.41
5.135 651.53 95.78 555.75
50% = 10.271, 25% = 14.162; XEVOZ/ =7.42 XEPNA/A=7.10 XE0067/A=4.85
XEIRG/A=4.76 XEAGA/A=4.45
KDAE=4.14 KDAV=3.46

XEPT/A MX VC MISANTLA 180.41 5.46 5.46 38.35
4.997 651.47 59.11 592.36
50% = 10.387, 25% = 14.417; XE0067/A=6.54 XEIRG/A=6.33 KMIC=5.00 TGXC-A=4.70
XEPNA/A=4.68 XEAGA/A=4.49
KDAE=4.33 XEVOZ/ =4.13

WPVL US WI PLATTEVILLE 22.43 3.02 6.95 25.24
3.318 657.24 24.01 633.24
50% = 11.9, 25% = 13.273; WTVB=7.37 WAKR=6.84 WCGO=6.37 KWBG=4.65 KVGB=3.60

WPVL US WI PLATTEVILLE 22.35 3.01 6.94 25.18
3.323 659.78 24.09 635.69
50% = 11.888, 25% = 13.293; WTVB=7.37 WAKR=6.84 WCGO=6.34 KWBG=4.72 KVGB=3.62

XEIRG/A MX GT POZO DE PARRAS 201.90 5.50 5.50 38.68
 5.330 688.98 36.77 652.21
 50% = 11.529, 25% = 12.123; XEPNA/A=7.64 XEAGA/A=6.79 XEVOZ/ =5.33
 XECSI/A=3.75

XEIRG/O MX GT POZO DE PARRAS 201.90 5.50 5.50 38.68
 5.330 688.98 36.77 652.21
 50% = 11.529, 25% = 12.123; XEPNA/A=7.64 XEAGA/A=6.79 XEVOZ/ =5.33
 XECSI/A=3.75

KOGT US TX ORANGE 119.12 22.82 35.16 193.75
 2.893 746.63 62.81 683.83
 50% = 9.883, 25% = 11.573; WMNE=5.39 KOKE=5.11 HCPN1-A=4.68 KATZ=4.53
 WHIY=4.22 KRVA=3.11 WXVI=2.96

KLIV US CA SAN JOSE 292.37 0.00 0.37 10.04
 1.666 829.72 103.94 725.78
 50% = 4.626, 25% = 6.692; XEHC/A=3.76 KGST=2.70 XEYX/A=2.04 KUNX=2.02
 KDAV=1.87 KMIK=1.78 KELP=1.69
 KBLA=1.69 KVGB=1.67

WARV US RI WARWICK 56.25 0.00 0.00 7.32
 1.190 812.98 81.86 731.12
 50% = 4.604, 25% = 4.761; WSMN=3.55 WPWA=2.93 WFBR=1.21

XE0067/A MX GT IRAPUATO 201.71 5.45 5.45 38.30
 5.914 772.09 37.05 735.04
 50% = 11.827, 25% = 12.399; XEPNA/A=7.62 XEAGA/A=6.77 XEVOZ/ =5.99
 XECSI/A=3.72

XE0067/O MX GT IRAPUATO 201.63 5.41 5.41 38.00
 5.996 789.03 37.16 751.87
 50% = 11.993, 25% = 12.553; XEPNA/A=7.61 XEAGA/A=6.74 XEVOZ/ =6.36
 XECSI/A=3.71

XEAGA/A MX AG AGUASCALIENTES 208.26 6.22 6.22 44.61
 7.479 838.35 29.46 808.89
 50% = 14.959, 25% = 16.557; XE0067/A=8.90 XEIRG/A=8.56 XEPNA/A=8.44 XEVOZ/
 =5.53 XECSI/A=4.45

XEVOZ/O MX DF IZTACALCO 190.29 4.80 4.80 33.10
 5.988 904.46 51.62 852.84
 50% = 12.524, 25% = 14.063; XE0067/A=7.92 XEIRG/A=7.63 XEPNA/A=5.99
 XEAGA/A=5.21 TGXC-A=3.71

KGAF US TX GAINESVILLE 351.62 32.01 46.11 271.69
 4.809 884.98 25.12 859.86
 50% = 17.655, 25% = 19.235; XEDM/A=13.81 XERF/A=11.00 KXZZ=7.64

KCNN US MN EAST GRAND FORK 359.39 0.48 3.45 13.35
 2.447 916.27 38.91 877.36
 50% = 8.664, 25% = 10.002; KVGB=7.46 KWBG=4.40 WPVL=3.35 KPNN=2.79 WAKR=2.45

NEW US WY CHEYENNE 327.97 3.58 7.75 29.34
 5.466 931.41 13.99 917.42
 50% = 20.642, 25% = 21.864; KVGB=20.64 KDAV=7.21

NEW		US WY CHEYENNE	328.44	3.56	7.73	29.21
5.529	946.41	14.52 931.90				
50% = 20.949, 25% = 22.117; KVGB=20.95 KDAV=7.09						
WCGO		US IL EVANSTON	32.19	2.67	6.46	23.70
4.595	969.49	18.95 950.53				
50% = 18.381, 25% = 18.381; WNTS=11.26 WAKR=10.66 WTVB=9.88						
XEVOZ/		MX DF IZTACALCO	194.15	4.63	4.63	31.71
6.455	1017.84	47.31 970.53				
50% = 13.417, 25% = 14.517; XE0067/A=8.49 XEIRG/A=8.14 XEPNA/A=6.46						
XEAGA/A=5.54						
KXZZ		US LA LAKE CHARLES	113.16	20.36	31.94	171.75
3.662	1066.00	77.14 988.85				
50% = 13.228, 25% = 14.647; XEDM/A=10.24 XERF/A=8.38 KMIK=4.87 KWED=3.97						
XEPNA/A		MX NA TEPIC	217.69	4.76	4.76	32.76
6.808	1039.16	34.72 1004.44				
50% = 13.615, 25% = 15.767; XEVOZ/ =9.23 XE0067/A=7.17 XEIRG/A=6.98						
XEAGA/A=6.08 XECSE/A=5.12						
NEW		US NV PARADISE	290.95	0.67	3.70	17.71
4.266	1204.57	108.92 1095.65				
50% = 14.229, 25% = 17.063; KUNX=14.23 XEHC/A=6.76 XEYX/A=4.74 KMIK=4.53						
WXRF		US PR GUAYAMA	108.98	0.00	0.00	6.32
1.505	1191.72	91.20 1100.51				
50% = 5.096, 25% = 6.022; HIDA-C=4.13 WKTP=2.99 WRXB=1.70 WARV=1.60 HJJQ-A=1.59 KMIC=1.51						
NEW		US NV SPRING VALLEY	291.20	0.64	3.67	17.61
4.301	1221.19	108.05 1113.14				
50% = 14.526, 25% = 17.205; KUNX=14.53 XEHC/A=6.65 XEYX/A=4.65 KMIK=4.37						
WPWA		US PA CHESTER	58.45	0.00	1.63	10.98
2.696	1227.94	89.08 1138.86				
50% = 9.455, 25% = 10.785; WAKR=9.45 WKHZ=3.81 WAUB=3.52						
WSMN		US NH NASHUA	53.75	0.00	0.00	6.90
1.712	1240.86	73.54 1167.32				
50% = 6.288, 25% = 6.946; WARV=6.29 WAKR=2.40 WPWA=1.71						
KUNX		US CA VENTURA	283.96	0.00	1.69	13.14
3.507	1334.40	131.52 1202.88				
50% = 12.53, 25% = 14.028; XEHC/A=8.87 KBLA=8.85 XEYX/A=4.67 KLIV=4.24						
XEYX/A		MX BN MEXICALI	278.62	2.16	2.16	15.19
4.116	1355.34	145.29 1210.05				
50% = 8.232, 25% = 9.922; XEHC/A=8.23 KLIV=3.37 KERP=3.25 KUNX=2.95						
XEYX/O		MX BN MEXICALI	278.62	2.16	2.16	15.19
4.116	1355.34	145.29 1210.05				
50% = 8.232, 25% = 9.922; XEHC/A=8.23 KLIV=3.37 KERP=3.25 KUNX=2.95						
KLFE		US WA SEATTLE	316.76	0.00	0.00	5.53
1.406	1270.36	22.34 1248.02				

50% = 4.841, 25% = 5.624; KMBD=4.33 KLIV=2.17 NEW/A=2.06 KVGB=1.98

WTVB US MI COLDWATER 39.04 1.83 5.29 19.86
5.193 1307.48 29.73 1277.75

50% = 19.3, 25% = 20.773; WAKR=19.30 WNTS=7.68

XE/A MX MC APATZINGAN 202.89 3.90 3.90 26.29
6.999 1330.81 35.83 1294.98

50% = 13.997, 25% = 15.177; XE0067/A=8.49 XEIRG/A=8.15 XEPNA/A=7.58

XEAGA/A=5.87

NEW US TX LARGA VISTA 210.08 14.10 23.22 115.64
3.161 1366.61 28.50 1338.11

50% = 9.624, 25% = 12.97; KOKE=6.56 KOGT=5.26 HCPN1-A=4.69 WMNE=4.47

XE/A=4.37 XELZ/A=4.04 XEQA/A=3.18

XE/A=3.16

XECP/O MX YC VALLADOLID 142.95 4.01 4.01 27.10
7.523 1387.84 41.10 1346.74

50% = 15.047, 25% = 17.415; KMIC=15.05 TGXC-A=5.61 XEVOZ/ =5.07 WZRXX=4.44

KWED US TX SEGUIN 207.80 28.80 42.48 243.72
6.772 1389.37 37.74 1351.63

50% = 25.361, 25% = 27.089; XERF/A=18.45 XEDM/A=17.40 KMIK=9.52

XE/A MX JA PIHUAMO 207.34 3.71 3.71 24.91
6.913 1387.48 30.60 1356.89

50% = 13.825, 25% = 15.82; XEPNA/A=8.23 XE0067/A=8.00 XEIRG/A=7.71

XEAGA/A=5.85 XEVOZ/ =4.99

KWED US TX SEGUIN 208.54 28.69 42.36 242.86
6.792 1398.25 38.51 1359.75

50% = 25.428, 25% = 27.167; XERF/A=18.47 XEDM/A=17.48 KMIK=9.56

XEVOZ/O MX DF LOS REYES ACAQU 189.87 4.78 4.78 32.92
9.429 1432.36 52.05 1380.31

50% = 18.859, 25% = 22.568; XEVOZ/ =18.86 XE0067/A=7.85 XEIRG/A=7.55

XEPNA/A=5.93

KATZ US MO ST. LOUIS 35.72 6.08 11.39 45.21
1.301 1438.35 24.44 1413.92

50% = 4.559, 25% = 5.202; HCPN1-A=2.95 KGYM=2.72 WXVI=2.17 WHIY=1.50

KLEB=1.47 WRPN=1.38

KATZ US MO ST. LOUIS 36.07 6.08 11.40 45.26
1.310 1447.57 25.08 1422.49

50% = 4.591, 25% = 5.241; HCPN1-A=2.95 KGYM=2.76 WXVI=2.18 WHIY=1.51

KLEB=1.47 WRPN=1.39

WXVI US AL MONTGOMERY 82.25 6.04 11.34 46.86
1.472 1570.94 137.60 1433.34

50% = 4.602, 25% = 5.889; HCPN1-A=4.60 WKWF=2.11 WHIY=1.95 KLEB=1.74

XE/A=1.48

WHGT US PA CHAMBERSBURG 56.48 0.00 2.60 13.09
4.051 1547.37 82.60 1464.77

50% = 16.205, 25% = 16.205; WAKR=16.20

KMBD US OR TILLAMOOK 311.16 0.00 0.00 6.02
 1.832 1522.95 38.00 1484.95
 50% = 6.35, 25% = 7.33; KLFE=6.35 KLIV=3.12 KVGB=1.92

XEART/A MX ML ZACATEPEC 190.22 4.16 4.16 28.21
 8.798 1559.62 51.90 1507.73
 50% = 17.596, 25% = 21.342; XEVOZ/ =17.60 XE0067/A=7.62 XEIRG/A=7.33
 XEPNA/A=5.84

WFBR US MD GLEN BURNIE 59.63 0.00 2.28 12.54
 4.186 1669.10 92.86 1576.24
 50% = 15.441, 25% = 16.742; WAKR=15.44 WHGT=6.47

NEW US ID BOISE 313.46 0.00 1.39 10.63
 3.449 1622.67 31.19 1591.48
 50% = 11.543, 25% = 13.797; KLFE=9.98 KLIV=5.80 KMBD=5.21 KVGB=3.88 KUNX=3.86

KGYM US IA CEDAR RAPIDS 20.45 3.82 8.10 29.82
 0.969 1625.52 25.96 1599.56
 50% = 3.169, 25% = 3.91; HCPN1-A=2.35 KLGA=1.52 KATZ=1.49 WRPN=1.43 KPNP=1.08
 KGST=1.05 KXEW=0.97

TGXC-A GT TRIUNFADORA 160.99 1.01 1.01 4.21
 1.509 1791.93 60.16 1731.76
 50% = 3.017, 25% = 3.24; XEVOZ/ =2.48 KMIC=1.72 XE0067/A=0.85 XEIRG/A=0.82

NEW/A (115) CA NT YELLOWKNIFE 353.29 0.00 0.00 1.24
 0.500 2019.15S 38.06 1981.09
 NEW US AL HUNTSVILLE 66.92 5.91 11.14 45.28
 1.929 2130.13 113.81 2016.31
 50% = 7.541, 25% = 7.784; WXVI=6.44 HCPN1-A=3.93 KGYM=1.93

WHIY US AL HUNTSVILLE 66.92 5.91 11.14 45.28
 1.929 2130.13 113.81 2016.31
 50% = 7.541, 25% = 7.784; WXVI=6.44 HCPN1-A=3.93 KGYM=1.93

XEHC/O MX BN ENSENADA 276.14 1.61 1.61 12.79
 6.019 2352.52 150.50 2202.02
 50% = 12.037, 25% = 13.078; KUNX=12.04 XEYX/A=5.11

WKHZ US MD OCEAN CITY 63.02 0.00 1.74 11.52
 5.522 2395.66 103.35 2292.31
 50% = 19.277, 25% = 22.491; WPWA=15.26 WAKR=11.78 WFBR=7.93 WKTP=6.39
 WHGT=5.52

XEHC/A MX BN ENSENADA 276.05 1.59 1.59 12.69
 6.383 2514.46 150.66 2363.80
 50% = 12.766, 25% = 13.733; KUNX=12.77 XEYX/A=5.06

KLEB US LA GOLDEN MEADOW 110.04 10.64 18.16 83.72
 4.243 2534.47 87.27 2447.20
 50% = 14.948, 25% = 16.974; WXVI=9.53 WMNE=8.52 KOGT=7.75 WHIY=6.08 HCPN1-A=5.27

KLEB US LA GOLDEN MEADOW 110.04 10.64 18.16 83.72
 4.243 2534.47 87.27 2447.20

50% = 14.948, 25% = 16.974; WXVI=9.53 WMNE=8.52 KOGT=7.75 WHIY=6.08 HCPN1-A=5.27

WEAM US GA COLUMBUS 82.04 4.90 9.66 39.17
2.124 2711.41 137.86 2573.54

50% = 7.068, 25% = 8.496; KXZZ=5.04 XEDM/A=4.95 XERF/A=2.83 WHFS=2.24
WHLY=2.16 WVKO=2.14

NEW US TX PANHANDLE 315.24 12.22 20.49 96.85
5.482 2830.29 34.39 2795.90

50% = 21.536, 25% = 22.223; XEDM/A=19.19 XERF/A=9.78 KGAF=5.48

NEW US TN MIDDLETON 60.46 8.05 14.31 61.10
3.548 2903.22 95.06 2808.15

50% = 13.686, 25% = 14.19; WEAM=12.16 XEDM/A=6.27 XERF/A=3.75

KSHG US TX VEGA 309.43 10.86 18.48 84.82
5.018 2958.06 48.60 2909.46

50% = 17.16, 25% = 20.073; KATZ=12.59 KRVA=11.66 KOKE=7.39 KGYM=5.30
KEPN=5.07

NEW US MI BIG RAPIDS 33.21 1.20 4.42 16.79
9.881 2941.76 19.68 2922.08

50% = 39.525, 25% = 39.525; WCGO=27.87 WTVB=20.16 WAKR=19.46

NEW US MI BIG RAPIDS 33.18 1.19 4.41 16.77
9.887 2948.50 19.65 2928.84

50% = 39.547, 25% = 39.547; WCGO=27.92 WTVB=20.11 WAKR=19.49

KSHG US TX DALHART 314.49 9.60 16.62 73.87
4.623 3129.09 33.65 3095.44

50% = 15.117, 25% = 18.821; KATZ=11.55 KRVA=9.76 KOKE=6.38 KGYM=6.14
KEPN=5.09 KXEW=4.62

WAUB US NY AUBURN 49.01 0.00 1.38 9.80
6.338 3235.12 57.91 3177.21

50% = 22.693, 25% = 25.351; WHGT=16.91 WAKR=15.13 WFBR=11.30

KIRT US TX MISSION 194.93 11.86 19.95 96.65
6.278 3247.48 42.32 3205.16

50% = 23.755, 25% = 25.111; XEDM/A=17.76 XERF/A=15.77 KMIK=8.14

WAAM US MI ANN ARBOR 40.88 1.27 4.52 17.50
1.206 3446.20 34.09 3412.11

50% = 4.344, 25% = 4.823; WAKR=2.98 HCPN1-A=2.46 KGYM=1.98 CHNR/A=1.60
WXVI=1.35

NEW US VT WINOOSKI 48.33 0.00 0.00 6.86
4.933 3594.02 55.73 3538.29

50% = 17.52, 25% = 19.731; WSMN=13.20 WAUB=8.30 WAKR=7.99 WASB=6.98 WHGT=5.80

NEW US VA HALIFAX 65.72 0.86 3.96 17.35
1.356 3907.84 111.13 3796.71

50% = 4.282, 25% = 5.423; HCPN1-A=3.57 WKTP=2.37 WLXE=1.96 WLuz=1.73
WWRL=1.49 WAKR=1.42

NEW US VA HALIFAX 65.93 0.84 3.93 17.28
 1.396 4038.29 111.71 3926.58
 50% = 4.896, 25% = 5.584; HCPN1-A=3.58 WKTP=2.46 WLXE=2.27 WLUZ=1.75
 WWRL=1.47 WAKR=1.41

WSRF US FL FORT LAUDERDALE 106.79 0.90 4.02 19.75
 1.591 4026.45 98.22 3928.23
 50% = 5.009, 25% = 6.363; XEDM/A=3.75 UNK-A=2.45 WEKO=2.25 KXZZ=1.87
 XERF/A=1.86 KMIK=1.74 WCCF=1.67
 XEFRT1/A=1.62

WSRF US FL FORT LAUDERDALE 106.79 0.90 4.02 19.73
 1.592 4032.83 98.21 3934.62
 50% = 5.011, 25% = 6.367; XEDM/A=3.75 UNK-A=2.45 WEKO=2.25 KXZZ=1.87
 XERF/A=1.86 KMIK=1.73 WCCF=1.69
 XEFRT1/A=1.62

KAHZ US CA YORBA LINDA 283.11 0.00 2.51 15.04
 1.231 4094.21 133.98 3960.23
 50% = 4.09, 25% = 5.06; KGYM=2.19 HCPN1-A=2.06 KRVA=1.97 KATZ=1.95 KGST=1.72
 KUNX=1.66 KOKE=1.28
 KTUB=1.23

WCCF US FL PUNTA GORDA 106.51 1.99 5.52 24.25
 1.982 4086.85 99.05 3987.80
 50% = 6.809, 25% = 7.93; WSRF=5.34 XEDM/A=4.23 KXZZ=2.45 WEAM=2.38
 XERF/A=2.20

KAHZ US CA POMONA 283.43 0.00 2.44 14.88
 1.233 4145.07 133.06 4012.01
 50% = 4.047, 25% = 4.933; KGYM=2.19 HCPN1-A=2.05 KRVA=1.95 KATZ=1.90
 KUNX=1.79 KGST=1.77 KOKE=1.27

WASB US NY BROCKPORT 46.74 0.00 1.79 10.54
 8.816 4181.07 50.73 4130.34
 50% = 32.392, 25% = 35.264; WAKR=27.08 WHGT=17.77 WFBR=10.78 WAUB=8.85

NEW US ID OLDTOWN 322.99 0.00 0.00 6.95
 6.058 4357.66 11.98 4345.68
 50% = 24.23, 25% = 24.23; KLFE=24.23

KEPN US CO LAKEWOOD 322.27 4.40 8.94 34.58
 3.061 4425.76 13.40 4412.36
 50% = 9.653, 25% = 12.244; KGYM=8.18 KTUB=5.12 KGST=4.10 KATZ=3.91 KRVA=3.88
 KOKE=3.10

NEW US VA CHARLOTTESVILLE 61.61 0.48 3.45 15.65
 1.514 4838.68 99.09 4739.59
 50% = 4.711, 25% = 6.057; HCPN1-A=3.27 WWRL=2.40 WLXE=2.39 WAMS=2.31
 WAKR=1.96 WLUZ=1.64 CHNR/A=1.62

KXEW US AZ SOUTH TUCSON 276.49 3.08 7.05 29.26
 3.203 5471.92 149.60 5322.33
 50% = 9.934, 25% = 12.81; KGST=8.19 KAHZ=5.63 KATZ=4.81 KEPN=3.85 KTUB=3.81
 KRVA=3.60

KOPB US OR EUGENE 308.60 0.00 0.00 6.87
 0.748 5442.96 46.17 5396.79
 50% = 2.39, 25% = 2.992; KGYM=1.70 KAHZ=1.22 HCPN1-A=1.15 KATZ=1.12 KRVA=0.82
 KUBA=0.81 KPNP=0.81

YNAW-A NU RADIO COLINA 149.54 0.00 0.00 2.70
 2.946 5449.99 50.03 5399.96
 50% = 2.705, 25% = 3.128; TGXC-A=2.71 KMIC=1.24 XEVOZ/ =0.96

WWRL US NY NEW YORK 56.93 0.00 0.90 9.35
 1.033 5526.54 84.10 5442.45
 50% = 3.599, 25% = 4.133; HCPN1-A=2.70 WLUZ=1.71 WUNR=1.66 WAMS=1.57
 WMNE=1.29

CMNM-D CU MANZANILLO 117.97 0.00 0.00 2.74
 3.166 5786.74 61.77 5724.97
 50% = 2.444, 25% = 2.993; WRXB=1.76 WXRf=1.20 HIDA-C=1.20 WALG=1.02 WKTP=1.02
 KMIC=0.95

WHLY US IN SOUTH BEND 37.10 2.33 5.98 22.17
 2.605 5875.47 25.67 5849.80
 50% = 9.286, 25% = 10.42; CKDO/A=9.29 XEDM/A=3.83 WVKO=2.77

WKWF US FL KEY WEST 114.32 1.18 4.41 21.53
 2.571 5970.93 73.63 5897.29
 50% = 8.326, 25% = 10.283; HCPN1-A=8.33 WXVI=3.14 WMNE=3.13 YVJR-A=3.06
 XE/A=2.73

WKWF US FL KEY WEST 114.29 1.18 4.40 21.52
 2.575 5983.43 73.71 5909.72
 50% = 8.324, 25% = 10.3; HCPN1-A=8.32 WMNE=3.20 WXVI=3.13 YVJR-A=3.06
 XE/A=2.72

KGST US CA FRESNO 291.27 0.00 1.28 11.85
 1.527 6443.08 107.81 6335.27
 50% = 5.222, 25% = 6.108; KAHZ=5.22 KGYM=2.13 HCPN1-A=1.73 KRVA=1.58

WLXE US MD ROCKVILLE 59.44 0.00 2.55 13.16
 1.698 6452.70 92.26 6360.45
 50% = 6.133, 25% = 6.792; WWRL=4.17 WAMS=3.30 HCPN1-A=3.05 CHNR/A=2.34
 WAKR=1.75

WLIM US NY PATCHOGUE 57.66 0.00 0.49 8.63
 1.165 6746.44 86.50 6659.95
 50% = 3.83, 25% = 4.659; CKDO/A=3.83 XEDM/A=1.76 WHFS=1.56 CFAV/A=1.22

WEHH US NY ELMIRA HTS-HORS 50.91 0.00 1.67 10.55
 1.454 6893.06 64.12 6828.94
 50% = 4.923, 25% = 5.846; WLXE=3.45 HCPN1-A=2.49 WWRL=2.48 WHGT=1.76
 CHNR/A=1.60 WUNR=1.48 WFBR=1.45

KUBA US CA YUBA CITY 297.23 0.00 0.28 9.59
 1.352 7050.78 86.40 6964.39
 50% = 4.708, 25% = 5.502; KAHZ=2.77 KOPB=2.26 KLIV=2.17 KGST=2.16 KGYM=2.01
 HCPN1-A=1.49 KTUB=1.35

WVCO	US OH COLUMBUS	49.07	1.78	5.22	20.20
2.845	7042.43 58.35 6984.08				
50% = 10.144, 25% = 11.378; WHLY=10.14 WHFS=3.89 XEDM/A=3.38					
WMNE	US FL RIVIERA BEACH	104.36	1.01	4.17	20.02
2.857	7134.28 105.64 7028.64				
50% = 11.085, 25% = 11.447; WKWF=8.48 HCPN1-A=7.14 WHIY=2.86					
NEW	US NM SANTA FE	300.44	6.33	11.77	48.59
7.282	7493.73 75.24 7418.50				
50% = 28.317, 25% = 29.239; XEDM/A=28.32 XERF/A=7.28					
NEW	US GA WARNER ROBINS	81.38	3.81	8.08	32.50
5.447	8379.54 137.85 8241.69				
50% = 21.789, 25% = 21.789; WXVI=18.23 WHIY=11.93					
WHFS	US MD MORNINGSIDE	60.36	0.00	2.47	13.04
2.244	8604.23 95.20 8509.03				
50% = 8.01, 25% = 8.978; WLIM=6.54 CKDO/A=4.63 WVCO=3.26 XEDM/A=2.41					
KTUB	US UT CENTERVILLE	311.51	0.99	4.14	17.68
3.330	9420.14 37.24 9382.90				
50% = 11.085, 25% = 13.322; KGST=9.36 KUBA=5.94 KAHZ=4.68 KGYM=4.44 KEPN=3.60					
WRPN	US WI RIPON	24.79	1.97	5.49	19.95
3.849	9648.89 21.69 9627.20				
50% = 15.396, 25% = 15.396; KGYM=13.11 WAAM=8.08					
WAMS	US DE DOVER	60.46	0.00	1.81	11.49
2.252	9797.23 95.49 9701.74				
50% = 8.486, 25% = 9.008; WLXE=6.69 WWRL=5.22 HCPN1-A=3.02					
NEW	US UT SPRINGVILLE	309.64	1.29	4.55	19.04
4.103	10773.57 43.14 10730.44				
50% = 16.411, 25% = 16.411; XEDM/A=16.41					
NEW	US UT SPANISH FORK	309.34	1.33	4.60	19.21
4.163	10837.37 44.11 10793.27				
50% = 16.653, 25% = 16.653; XEDM/A=16.65					
NEW	US UT TOOEELE	309.78	0.96	4.10	17.66
3.886	11004.09 42.62 10961.47				
50% = 15.545, 25% = 15.545; XEDM/A=15.54					
NEW	US UT PAYSON	308.54	1.35	4.62	19.33
4.283	11080.44 46.69 11033.75				
50% = 17.132, 25% = 17.132; XEDM/A=17.13					
NEW	US HI MAKAHA	275.45	0.00	0.00	2.00
0.488	12223.22 151.82 12071.40				
50% = 1.664, 25% = 1.952; KAHZ=1.03 KGST=0.93 HCPN1-A=0.92 KUBA=0.74					
KVRI=0.70					
NEW	US HI MAKAHA	275.45	0.00	0.00	2.00
0.488	12223.22 151.82 12071.40				
50% = 1.664, 25% = 1.952; KAHZ=1.03 KGST=0.93 HCPN1-A=0.92 KUBA=0.74					
KVRI=0.70					

NEW	US HI MAKAHA	275.45	0.00	0.00	2.00
0.488 12223.22	151.82 12071.40				
50% = 1.664, 25% = 1.952; KAHZ=1.03 KGST=0.93 HCPN1-A=0.92 KUBA=0.74					
KVRI=0.70					
NEW	US HI WAIPAHU	275.39	0.00	0.00	2.00
0.490 12229.01	151.93 12077.08				
50% = 1.671, 25% = 1.961; KAHZ=1.03 KGST=0.94 HCPN1-A=0.92 KUBA=0.74					
KVRI=0.71					
WUNR	US MA BROOKLINE	55.05	0.00	0.00	6.94
1.755 12639.23	77.87 12561.36				
50% = 6.599, 25% = 7.021; WWRL=6.60 HCPN1-A=2.40					
WUNR	US MA BROOKLINE	55.05	0.00	0.00	6.94
1.755 12640.19	77.87 12562.33				
50% = 6.599, 25% = 7.022; WWRL=6.60 HCPN1-A=2.40					
KVRI	US WA BLAINE	319.15	0.00	0.00	4.94
1.286 13026.41	17.05 13009.36				
50% = 4.761, 25% = 5.143; KLFE=4.05 KOPB=2.51 KGYM=1.38 KEPN=1.37					
KLGA	US IA ALGONA	8.92	3.45	7.57	27.50
7.940 14439.03	35.74 14403.29				
50% = 31.76, 25% = 31.76; KGYM=31.76					
NEW	US MT BILLINGS	330.35	0.17	3.04	13.39
4.749 17729.23	17.23 17712.00				
50% = 17.14, 25% = 18.998; KEPN=17.14 KTUB=5.95 KGYM=5.63					
NEW	US UT WASHINGTON	296.28	1.26	4.51	19.73
8.171 20702.21	89.85 20612.35				
50% = 32.684, 25% = 32.684; XEDM/A=26.03 KMIK=19.76					
WEKO	US PR MOROVIS	108.62	0.00	0.00	6.44
2.834 21990.73	92.36 21898.37				
50% = 10.714, 25% = 11.448; HIWJ-C=8.70 UNK-A=6.25 HJQZ-A=2.87 WSRF=2.83					
NEW	US MT LOLO	323.75	0.00	1.02	9.15
4.149 22674.41	11.70 22662.71				
50% = 15.214, 25% = 16.598; NEW/A=15.21 XEDM/A=6.63					
KPNP	US MN WATERTOWN	9.04	2.09	5.65	20.25
9.980 24637.43	35.95 24601.47				
50% = 34.002, 25% = 39.918; KGYM=34.00 WRPN=16.67 KLGA=12.63					
NEW	US WY CASPER	328.40	2.08	5.64	21.41
11.054 25812.50	14.64 25797.86				
50% = 44.214, 25% = 44.214; KEPN=44.21					
KBLA	US CA SANTA MONICA	283.56	0.00	2.17	14.22
7.461 26232.16	132.68 26099.48				
50% = 28.304, 25% = 29.844; XEDM/A=28.30 KMIK=9.46					
NEW	US CA LEMON GROVE	279.14	0.01	2.82	16.01
8.510 26581.74	144.25 26437.49				

50% = 34.04, 25% = 34.04; KAHZ=34.04

KMIK US AZ TEMPE 282.24 2.54 6.28 26.26
14.178 26990.71 136.24 26854.47
50% = 56.711, 25% = 56.711; XEDM/A=56.71

NEW US CA RED BLUFF 299.80 0.00 0.00 8.84
4.944 27976.95 76.99 27899.96
50% = 18.151, 25% = 19.776; KMIK=10.84 XEDM/A=10.81 KGAL=9.74 NEW/A=7.85

KGAL US OR LEBANON 309.88 0.00 0.00 6.71
3.862 28768.32 42.04 28726.28
50% = 15.002, 25% = 15.491; NEW/A=13.37 XEDM/A=6.80 KMIK=3.86

NEW US CA SHASTA LAKE CIT 300.92 0.00 0.00 8.57
4.950 28870.61 72.92 28797.69
50% = 17.977, 25% = 19.798; KGAL=11.13 XEDM/A=10.25 KMIK=9.71 NEW/A=8.30

WLUZ US PR BAYAMON 108.34 0.00 0.00 6.35
3.819 30061.69 93.29 29968.40
50% = 14.362, 25% = 15.277; HCPN1-A=10.58 YVJR-A=9.71 HIEG-C=5.21

HIDA-C DR SANTIAGO 6 111.24 0.00 0.00 1.51
9.581 31797.12 83.80 31713.32
50% = 2.865, 25% = 3.126; WXRf=2.86 WRXB=0.89 WKTP=0.88

NEW US CA CUTTEN 300.33 0.00 0.00 7.62
5.020 32951.78 75.07 32876.70
50% = 18.322, 25% = 20.082; KGAL=13.05 XEDM/A=9.13 KMIK=9.06 NEW/A=8.22

NEW US WA COLLEGE PLACE 317.07 0.00 0.02 7.77
5.419 34852.00 21.59 34830.40
50% = 19.319, 25% = 21.677; NEW/A=19.32 KGAL=7.17 XEDM/A=6.73

CX159-A UY COLONIA 147.62 0.00 0.00 0.17
1.334 38548.73 47.68 38501.06
50% = 2.668, 25% = 3.272; CV 150-A=1.63 CV159-A=1.58 ZYK-212-A=1.40 CX159-A=1.13 CB 159-A=1.10
ZYK-281-A=1.06

NEW US WA VERADALE 321.64 0.00 0.00 7.28
6.796 46678.27 13.12 46665.15
50% = 27.183, 25% = 27.183; NEW/A=27.18

CD 159-A CI PARRAL 158.91 0.00 0.00 0.19
1.792 47420.92 58.91 47362.01
50% = 3.584, 25% = 3.745; CB 159-A=3.08 CC 159-A=1.83 CX159-A=1.09

UNK-A BR VARZEA D PAL 126.95 0.00 0.00 0.20
1.899 48098.49 38.52 48059.97
50% = 1.625, 25% = 2.107; ZYJ-485-A=1.29 ZYJ-290-A=0.99 ZYJ-316-A=0.79 ZYJ-224-A=0.76 ZYJ-801-A=0.56
ZYI-403-A=0.52

ZYJ296-A BR ES CAP LEONIDAS 139.02 0.00 0.00 0.20
1.884 48111.19 36.72 48074.46

50% = 3.529, 25% = 4.805; CX159A-A=1.95 ZYJ-799-A=1.74 ZYJ-316-A=1.69 ZYI-403-A=1.66 ZYK-281-A=1.64

ZYJ-224-A=1.49 ZYJ-290-A=1.47 ZYJ-801-A=1.44 ZYK-212-A=1.22

ZYJ-799-A BR PONTE SERRAD 138.77 0.00 0.00 0.19
1.796 48181.48 36.45 48145.03

50% = 3.591, 25% = 4.886; CX159A-A=2.15 ZYJ-801-A=1.71 ZYJ-224-A=1.65 ZYJ-316-A=1.62 ZYK-281-A=1.62

ZYJ296-A=1.57 ZYJ-290-A=1.43 ZYI-403-A=1.41 ZYK-212-A=1.35

CC 159-A CI RENGÓ 157.51 0.00 0.00 0.20
1.909 48694.04 57.90 48636.14

50% = 3.818, 25% = 4.211; CB 159-A=3.82 CX159-A=1.35 CD 159-A=1.16

UNK-A BR IPORA D OEST 139.99 0.00 0.00 0.19
1.907 50225.74 37.83 50187.91

50% = 3.516, 25% = 5.253; CX159A-A=2.39 ZYJ-799-A=1.82 ZYK-281-A=1.82 ZYJ296-A=1.60 ZYJ-801-A=1.52

ZYJ-316-A=1.52 ZYI-403-A=1.47 ZYJ-224-A=1.46 ZYK-212-A=1.41 ZYJ-290-A=1.33

LRK364-A AR SUMAMPA 149.13 0.00 0.00 0.20
2.080 50837.35 49.54 50787.81

50% = 4.16, 25% = 4.502; CX159-A=2.83 CX159A-A=2.21 CB 159-A=2.09 CV159-A=1.32 CP 155-A=1.10

HJJQ-A CO ZARZAL 140.49 0.00 0.00 0.86
8.990 52129.32 38.43 52090.89

50% = 4.38, 25% = 4.568; HCRZ1-A=2.75 HCGG6-A=2.42 HCOT6-A=2.40 HCAS2-A=1.30

ZYK-212-A BR BAGE 143.15 0.00 0.00 0.18
1.841 52241.86 41.84 52200.03

50% = 3.682, 25% = 4.992; CX159A-A=3.16 CX159-A=1.89 CV 150-A=1.75 CV159-A=1.61 ZYK-281-A=1.52

ZYJ-799-A=1.35 ZYJ-801-A=1.26

LRJ365-A AR RIO CUARTO 151.79 0.00 0.00 0.19
2.074 54588.09 52.59 54535.50

50% = 4.149, 25% = 4.933; CX159-A=3.24 CB 159-A=2.59 CX159A-A=2.00 CC 159-A=1.27 CV159-A=1.23

CV 150-A UY LASCANO 144.67 0.00 0.00 0.17
1.868 55294.01 43.85 55250.16

50% = 3.736, 25% = 4.197; CX159-A=3.33 ZYK-212-A=1.69 CV159-A=1.47 ZYK-281-A=1.22

OCX4I-A PE HUAYLLAY 152.03 0.00 0.00 0.43
4.756 55592.27 52.85 55539.43

50% = 8.797, 25% = 8.797; OAZ4Z-A=8.80

ZYJ-316-A BR FAXINAL 136.36 0.00 0.00 0.20
2.196 56297.08 34.23 56262.85

50% = 3.343, 25% = 4.403; ZYJ-290-A=1.83 ZYJ-224-A=1.69 ZYJ-799-A=1.61 ZYI-403-A=1.55 ZYJ296-A=1.54

ZYJ-801-A=1.49 CX159A-A=1.37 ZYK-281-A=1.32

HCRZ1-A EC MENSAJE 147.45 0.00 0.00 0.74
8.341 56378.65 47.46 56331.19

50% = 5.517, 25% = 6.834; HCGG6-A=3.90 HCOT6-A=3.90 HJJQ-A=2.75 HCAS2-A=2.22
OAZ4Z-A=1.95

HCAS2-A EC LIBERTAD 153.00 0.00 0.00 0.70
8.061 57413.46 53.87 57359.59

50% = 5.917, 25% = 6.731; HCGG6-A=3.61 HCOT6-A=3.48 HCRZ1-A=3.14 OAZ4Z-A=2.63
HJJQ-A=1.84

ZYJ-224-A BR ARAUCARIA 136.05 0.00 0.00 0.18
2.128 57800.75 34.01 57766.74

50% = 3.387, 25% = 4.487; ZYJ-801-A=1.76 ZYJ-316-A=1.70 ZYJ-799-A=1.65 ZYJ-
290-A=1.65 CX159A-A=1.44

ZYJ296-A=1.41 ZYI-403-A=1.27 ZYK-281-A=1.27 ZYJ-485-A=1.18

UNK-A BR CAPAO BONITO 134.20 0.00 0.00 0.19
2.187 58607.60 33.12 58574.48

50% = 3.349, 25% = 4.255; ZYJ-224-A=1.76 ZYJ-290-A=1.75 ZYJ-316-A=1.66 ZYJ-
801-A=1.52 ZYJ-799-A=1.41

ZYJ-485-A=1.36 ZYJ296-A=1.27 ZYI-403-A=1.20

HCGG6-A EC LAMANA 149.65 0.00 0.00 0.73
8.508 58629.32 50.16 58579.15

50% = 5.255, 25% = 5.717; HCRZ1-A=3.90 HCAS2-A=2.55 HJJQ-A=2.42 OAZ4Z-A=2.25

CX159A-A UY PASO TOROS 145.73 0.00 0.00 0.18
2.072 58834.19 45.24 58788.95

50% = 3.421, 25% = 4.165; CX159-A=2.28 CV159-A=1.81 CV 150-A=1.80 ZYK-212-
A=1.68 ZYK-281-A=1.32

ZYJ-799-A=1.04

ZYI-403-A BR ELDORADO 138.46 0.00 0.00 0.20
2.501 61141.42 36.12 61105.30

50% = 3.121, 25% = 4.176; ZYJ-316-A=1.66 ZYJ296-A=1.58 CX159A-A=1.51 ZYJ-799-
A=1.50 ZYJ-290-A=1.49

ZYK-281-A=1.44 ZYJ-224-A=1.35 ZYJ-801-A=1.26

HCOT6-A EC PANAMERICANA 148.96 0.00 0.00 0.70
8.516 61240.37 49.34 61191.03

50% = 5.242, 25% = 5.766; HCRZ1-A=3.90 OAZ4Z-A=2.49 HCAS2-A=2.46 HJJQ-A=2.40

UNK-A BR JOINVILLE 136.15 0.00 0.00 0.18
2.252 62439.30 34.08 62405.22

50% = 3.306, 25% = 4.384; ZYJ-801-A=1.86 ZYJ-799-A=1.62 ZYJ-316-A=1.58 ZYJ-
290-A=1.53 CX159A-A=1.45

ZYJ296-A=1.34 ZYK-281-A=1.24 ZYI-403-A=1.19 ZYJ-485-A=1.19

ZYK-281-A BR PORTO LUCENA 141.64 0.00 0.00 0.19
2.466 64767.69 39.88 64727.81

50% = 3.149, 25% = 5.112; CX159A-A=2.70 ZYJ-799-A=1.62 CX159-A=1.56 ZYJ296-
A=1.52 ZYK-212-A=1.52

CV159-A=1.47 ZYI-403-A=1.35 ZYJ-801-A=1.35 ZYJ-316-A=1.32 ZYJ-224-A=1.27

CV159-A UY CONSTITUCION 145.70 0.00 0.00 0.18
2.425 65581.91 45.20 65536.71

50% = 4.85, 25% = 5.499; CX159A-A=3.71 CX159-A=3.12 ZYK-212-A=1.57 CV 150-
A=1.47 ZYK-281-A=1.45

UNK-A BR ALVARES MACH 135.15 0.00 0.00 0.20
 2.698 66519.08 33.48 66485.60
 50% = 2.953, 25% = 4.177; ZYJ-290-A=1.82 ZYJ-316-A=1.78 ZYI-403-A=1.49 ZYJ-224-A=1.46 ZYJ296-A=1.40
 ZYJ-799-A=1.35 ZYJ-801-A=1.26 ZYK-281-A=1.12

UNK-A BR AQUIRAZ EUSE 111.39 0.00 0.00 0.22
 2.974 67119.51 83.29 67036.21
 50% = 2.675, 25% = 2.675; ZYH-801-A=1.66 ZYH-633-A=1.64 ZYI-796-A=1.31

UNK-A BR S CARLOS SP 132.48 0.00 0.00 0.19
 2.587 67353.26 33.03 67320.23
 50% = 3.051, 25% = 3.853; ZYJ-290-A=1.69 ZYJ-316-A=1.50 ZYJ-224-A=1.48 ZYJ-485-A=1.41 ZYJ-801-A=1.26
 ZYJ-799-A=1.19 ZYJ296-A=1.13 ZYI-403-A=1.12

ZYH-620-A BR CASCABEL CE 111.47 0.00 0.00 0.22
 2.966 67556.61 83.05 67473.56
 50% = 2.684, 25% = 2.684; ZYH-633-A=1.66 ZYH-801-A=1.62 ZYI-796-A=1.35

UNK-A BR ANASTACIO 137.48 0.00 0.00 0.22
 3.033 67600.65 35.16 67565.49
 50% = 2.608, 25% = 3.354; ZYI-403-A=1.43 ZYJ-316-A=1.29 ZYJ-290-A=1.24 ZYJ296-A=1.24 ZYJ-799-A=1.03
 ZYK-281-A=1.01 ZYJ-224-A=0.96 CP 155-A=0.88 CX159A-A=0.82

UNK-A BR CABREUVA 132.85 0.00 0.00 0.19
 2.520 67932.87 32.98 67899.89
 50% = 3.107, 25% = 3.935; ZYJ-290-A=1.62 ZYJ-224-A=1.59 ZYJ-485-A=1.52 ZYJ-316-A=1.48 ZYJ-801-A=1.37
 ZYJ-799-A=1.25 ZYJ296-A=1.13 ZYI-403-A=1.06

ZYH-633-A BR CEDRO 114.14 0.00 0.00 0.21
 2.987 69653.72 74.17 69579.55
 50% = 2.661, 25% = 2.661; ZYH-620-A=1.66 ZYI-796-A=1.50 ZYH-801-A=1.44

ZYH-801-A BR CAMOCIM 1 112.16 0.00 0.00 0.24
 3.361 70663.34 80.73 70582.61
 50% = 2.168, 25% = 2.389; ZYH-620-A=1.62 ZYH-633-A=1.44 ZYI-796-A=1.00

ZYJ-290-A BR ANDIRA 134.89 0.00 0.00 0.20
 2.785 71258.60 33.36 71225.24
 50% = 2.872, 25% = 4.227; ZYJ-316-A=1.86 ZYJ-224-A=1.65 ZYJ-799-A=1.43 ZYJ-801-A=1.40 ZYI-403-A=1.40
 ZYJ296-A=1.39 ZYJ-485-A=1.15 ZYK-281-A=1.14 CX159A-A=1.07

UNK-A BR PRAIA GRANDE 132.72 0.00 0.00 0.18
 2.616 72327.87 32.99 72294.87
 50% = 3.026, 25% = 3.811; ZYJ-485-A=1.61 ZYJ-224-A=1.56 ZYJ-290-A=1.49 ZYJ-801-A=1.38 ZYJ-316-A=1.38
 ZYJ-799-A=1.22 ZYJ296-A=1.05 ZYI-403-A=0.95

ZYJ-801-A BR ITUPORANGA 137.41 0.00 0.00 0.18
 2.614 73163.65 35.10 73128.55
 50% = 3.028, 25% = 4.479; CX159A-A=1.77 ZYJ-224-A=1.76 ZYJ-799-A=1.71 ZYJ-316-A=1.50 ZYJ-290-A=1.40
 ZYJ296-A=1.37 ZYK-281-A=1.35 ZYK-212-A=1.26 ZYI-403-A=1.19

LRI388-A AR SALADILLO 149.70 0.00 0.00 0.17
 2.691 77968.55 50.23 77918.32
 50% = 2.959, 25% = 3.837; CX159-A=2.59 CB 159-A=1.43 CV159-A=1.36 CV 150-A=1.34 ZYK-212-A=1.15
 CX159A-A=1.00

CB 159-A CI SAN FELIPE 156.71 0.00 0.00 0.20
 3.223 79284.81 57.26 79227.55
 50% = 2.369, 25% = 2.689; CC 159-A=1.92 CX159-A=1.39 CD 159-A=0.98 CX159A-A=0.81

NEW US CA SAN LUIS OBISPO 286.90 0.00 0.99 11.53
 18.806 81548.92 122.51 81426.41
 50% = 72.678, 25% = 75.224; KBLA=72.68 XEDM/A=19.41

UNK-A BR RESENDE 1 130.37 0.00 0.00 0.18
 2.986 82618.56 34.07 82584.49
 50% = 2.662, 25% = 3.219; ZYJ-485-A=1.95 ZYJ-290-A=1.29 ZYJ-224-A=1.27 ZYJ-316-A=1.13 ZYJ-801-A=1.09
 ZYJ-799-A=0.90

ZYI-796-A BR BEZERROS 113.36 0.00 0.00 0.20
 3.454 88549.67 76.78 88472.90
 50% = 2.018, 25% = 2.253; ZYH-633-A=1.50 ZYH-620-A=1.35 ZYH-801-A=1.00

CD-159-A CI VALDIVIA 5 161.47 0.00 0.00 0.18
 3.213 90978.67 60.46 90918.21
 50% = 2.383, 25% = 2.569; CB 159-A=2.03 CC 159-A=1.25 CD 159-A=0.96

UNK-A BR JIQUIRICA 119.97 0.00 0.00 0.19
 3.661 94414.27 55.64 94358.63
 50% = 1.612, 25% = 1.979; ZYI-796-A=1.17 ZYH-633-A=1.11 ZYH-620-A=0.75 ZYJ-485-A=0.63 ZYH-801-A=0.60

UNK-A BR UBA 1 128.34 0.00 0.00 0.18
 3.418 94677.48 36.31 94641.17
 50% = 2.079, 25% = 2.597; ZYJ-485-A=1.79 ZYJ-290-A=1.05 ZYJ-224-A=1.00 ZYJ-316-A=0.88 ZYJ-801-A=0.81

ZYJ-485-A BR DUQ DE CAXIA 129.82 0.00 0.00 0.18
 3.358 95000.66 34.56 94966.10
 50% = 2.174, 25% = 2.407; ZYJ-224-A=1.18 ZYJ-290-A=1.15 ZYJ-801-A=1.01 ZYJ-316-A=1.00 ZYJ-799-A=0.79
 ZYJ296-A=0.66

CP 118-A BL VIACHA 144.36 0.00 0.00 0.30
 5.993 101444.86 43.44 101401.43
 50% = 2.518, 25% = 2.717; OAZ4Z-A=2.23 CP 155-A=1.17 OCX4I-A=1.02

OAZ4Z-A PE AGRICULTURA 153.55 0.00 0.00 0.42
 9.202 110869.30 54.42 110814.88
 50% = 3.913, 25% = 4.069; OCX4I-A=3.91 HCOT6-A=1.11

CP 155-A BL BERMEJO 146.16 0.00 0.00 0.24
 6.253 128737.91 45.81 128692.11

50% = 1.773, 25% = 2.482; CP 118-A=1.17 CB 159-A=0.97 CX159-A=0.91 CX159A-A=0.82 OAZ4Z-A=0.81

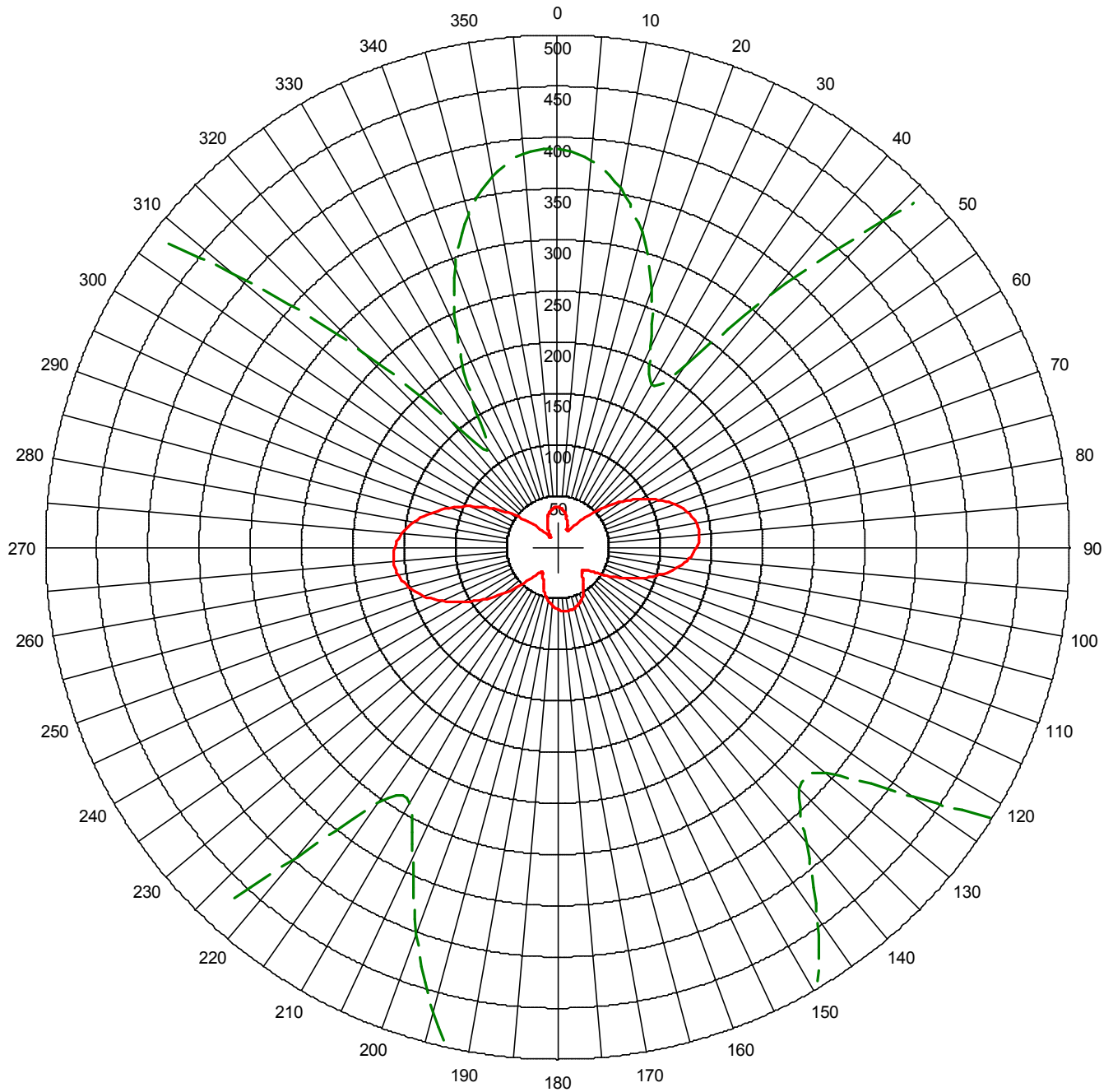
ZYI-403-A=0.69 ZYK-281-A=0.67 CV159-A=0.63 ZYJ296-A=0.61

UNK-A BR ITAPAGIPE 132.05 0.00 0.00 0.20
9.696 236908.84 33.14 236875.71

50% = 2.446, 25% = 3.425; ZYJ-290-A=1.57 ZYJ-316-A=1.40 ZYJ-224-A=1.25 ZYJ-485-A=1.16 ZYI-403-A=1.14

ZYJ296-A=1.05 ZYJ-799-A=1.01 ZYJ-801-A=0.99

KRQX 72 Watt Night



Theo RMS: 78.191 mV/m@1km
 Std RMS: 82.769 mV/m@1km
 Q: 10.0 mV/m@1km

Standard Horizontal Plane Pattern

— Pattern (mV/m @ 1km)
 - - - Pattern 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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: KRQX
 Freq: 1590 kHz
 MEXIA, TX, US
 Hours: D
 Lat: 31-37-12 N
 Lng: 096-45-06 W
 Power: 0.072 kW
 Theo RMS: 78.19 mV/m@1km
 @ 0.072 kW

AM Radiation Report

Call: KRQX
 Freq: 1590 kHz
 MEXIA, TX, US
 Hours: D
 Lat: 31-37-12 N
 Lng: 096-45-06 W
 Power: 0.072 kW
 Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	38.89	5.0	37.92	10.0	35.55
15.0	31.81	20.0	26.88	25.0	21.57
30.0	18.39	35.0	21.62	40.0	31.56
45.0	45.35	50.0	61.12	55.0	77.70
60.0	94.04	65.0	109.12	70.0	121.94
75.0	131.61	80.0	137.41	85.0	138.89
90.0	135.90	95.0	128.65	100.0	117.65
105.0	103.72	110.0	87.88	115.0	71.34
120.0	55.56	125.0	42.40	130.0	34.39
135.0	33.41	140.0	37.84	145.0	44.28
150.0	50.57	155.0	55.79	160.0	59.62
165.0	61.98	170.0	62.89	175.0	62.39
180.0	60.54	185.0	57.33	190.0	52.78
195.0	47.00	200.0	40.26	205.0	33.46
210.0	28.90	215.0	30.42	220.0	39.52
225.0	53.84	230.0	70.96	235.0	89.25
240.0	107.45	245.0	124.41	250.0	139.07
255.0	150.48	260.0	157.87	265.0	160.75
270.0	158.94	275.0	152.60	280.0	142.20
285.0	128.44	290.0	112.21	295.0	94.50
300.0	76.26	305.0	58.38	310.0	41.64
315.0	26.86	320.0	15.48	325.0	11.82
330.0	16.77	335.0	23.40	340.0	29.19
345.0	33.66	350.0	36.76	355.0	38.50

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Call: KRQX
 Freq: 1590 kHz
 MEXIA, TX, US
 Hours: D
 Lat: 31-37-12 N
 Lng: 096-45-06 W
 Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 5.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	37.98	5.0	37.01	10.0	34.66
15.0	30.96	20.0	26.13	25.0	21.01
30.0	18.23	35.0	21.89	40.0	31.96
45.0	45.69	50.0	61.33	55.0	77.74
60.0	93.89	65.0	108.79	70.0	121.45
75.0	130.99	80.0	136.71	85.0	138.17
90.0	135.21	95.0	128.05	100.0	117.20
105.0	103.44	110.0	87.78	115.0	71.42
120.0	55.75	125.0	42.61	130.0	34.43
135.0	33.11	140.0	37.23	145.0	43.47
150.0	49.65	155.0	54.81	160.0	58.60
165.0	60.94	170.0	61.85	175.0	61.37
180.0	59.53	185.0	56.35	190.0	51.85
195.0	46.13	200.0	39.50	205.0	32.90
210.0	28.67	215.0	30.56	220.0	39.82
225.0	54.10	230.0	71.08	235.0	89.18
240.0	107.18	245.0	123.94	250.0	138.42
255.0	149.69	260.0	156.98	265.0	159.83
270.0	158.05	275.0	151.80	280.0	141.52
285.0	127.93	290.0	111.91	295.0	94.40
300.0	76.36	305.0	58.66	310.0	42.07
315.0	27.38	320.0	15.93	325.0	11.69
330.0	16.16	335.0	22.63	340.0	28.35
345.0	32.79	350.0	35.87	355.0	37.60

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 10.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	35.30	5.0	34.35	10.0	32.06
15.0	28.49	20.0	23.95	25.0	19.48
30.0	17.96	35.0	22.80	40.0	33.17
45.0	46.71	50.0	61.94	55.0	77.83
60.0	93.43	65.0	107.79	70.0	119.97
75.0	129.14	80.0	134.63	85.0	136.02
90.0	133.18	95.0	126.29	100.0	115.84
105.0	102.58	110.0	87.46	115.0	71.61
120.0	56.33	125.0	43.27	130.0	34.63
135.0	32.32	140.0	35.50	145.0	41.13
150.0	46.96	155.0	51.92	160.0	55.60
165.0	57.90	170.0	58.81	175.0	58.36
180.0	56.57	185.0	53.47	190.0	49.10
195.0	43.60	200.0	37.33	205.0	31.35
210.0	28.12	215.0	31.05	220.0	40.72
225.0	54.86	230.0	71.41	235.0	88.96
240.0	106.36	245.0	122.53	250.0	136.49
255.0	147.33	260.0	154.35	265.0	157.10
270.0	155.40	275.0	149.39	280.0	139.51
285.0	126.43	290.0	110.99	295.0	94.09
300.0	76.63	305.0	59.46	310.0	43.32
315.0	28.91	320.0	17.33	325.0	11.61
330.0	14.49	335.0	20.41	340.0	25.90
345.0	30.23	350.0	33.24	355.0	34.93

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 15.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	31.00	5.0	30.09	10.0	27.93
15.0	24.65	20.0	20.72	25.0	17.55

30.0	18.17	35.0	24.53	40.0	35.16
45.0	48.30	50.0	62.84	55.0	77.90
60.0	92.61	65.0	106.11	70.0	117.53
75.0	126.11	80.0	131.23	85.0	132.52
90.0	129.84	95.0	123.38	100.0	113.58
105.0	101.12	110.0	86.87	115.0	71.85
120.0	57.22	125.0	44.40	130.0	35.19
135.0	31.43	140.0	33.03	145.0	37.58
150.0	42.75	155.0	47.33	160.0	50.82
165.0	53.02	170.0	53.91	175.0	53.50
180.0	51.80	185.0	48.86	190.0	44.74
195.0	39.63	200.0	34.02	205.0	29.17
210.0	27.64	215.0	32.07	220.0	42.20
225.0	56.03	230.0	71.87	235.0	88.53
240.0	104.96	245.0	120.19	250.0	133.30
255.0	143.47	260.0	150.06	265.0	152.64
270.0	151.06	275.0	145.45	280.0	136.20
285.0	123.94	290.0	109.42	295.0	93.49
300.0	76.98	305.0	60.68	310.0	45.27
315.0	31.38	320.0	19.81	325.0	12.41
330.0	12.39	335.0	17.05	340.0	22.05
345.0	26.13	350.0	29.02	355.0	30.64

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern					
Calculated at 20.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	25.38	5.0	24.56	10.0	22.67
15.0	19.97	20.0	17.22	25.0	16.31
30.0	19.58	35.0	27.21	40.0	37.82
45.0	50.32	50.0	63.90	55.0	77.83
60.0	91.36	65.0	103.72	70.0	114.14
75.0	121.94	80.0	126.59	85.0	127.75
90.0	125.30	95.0	119.40	100.0	110.44
105.0	99.03	110.0	85.93	115.0	72.04
120.0	58.33	125.0	45.97	130.0	36.34
135.0	31.00	140.0	30.49	145.0	33.37
150.0	37.49	155.0	41.45	160.0	44.58

165.0	46.62	170.0	47.46	175.0	47.09
180.0	45.54	185.0	42.84	190.0	39.13
195.0	34.67	200.0	30.15	205.0	27.05
210.0	27.78	215.0	33.78	220.0	44.22
225.0	57.49	230.0	72.34	235.0	87.79
240.0	102.93	245.0	116.92	250.0	128.92
255.0	138.22	260.0	144.24	265.0	146.60
270.0	145.18	275.0	140.08	280.0	131.66
285.0	120.46	290.0	107.16	295.0	92.52
300.0	77.28	305.0	62.15	310.0	47.75
315.0	34.62	320.0	23.33	325.0	14.85
330.0	11.30	335.0	13.32	340.0	17.26
345.0	20.87	350.0	23.51	355.0	25.03

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 25.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	19.05	5.0	18.48	10.0	17.16
15.0	15.63	20.0	15.06	25.0	17.12
30.0	22.54	35.0	30.75	40.0	40.97
45.0	52.54	50.0	64.91	55.0	77.48
60.0	89.59	65.0	100.60	70.0	109.84
75.0	116.74	80.0	120.83	85.0	121.83
90.0	119.65	95.0	114.41	100.0	106.45
105.0	96.28	110.0	84.56	115.0	72.02
120.0	59.50	125.0	47.88	130.0	38.18
135.0	31.55	140.0	28.77	145.0	29.42
150.0	31.95	155.0	34.93	160.0	37.48
165.0	39.22	170.0	39.95	175.0	39.64
180.0	38.28	185.0	35.97	190.0	32.89
195.0	29.47	200.0	26.61	205.0	25.91
210.0	29.02	215.0	36.24	220.0	46.61
225.0	59.05	230.0	72.64	235.0	86.62
240.0	100.23	245.0	112.73	250.0	123.42
255.0	131.69	260.0	137.04	265.0	139.15
270.0	137.91	275.0	133.42	280.0	125.96
285.0	116.02	290.0	104.17	295.0	91.06

300.0	77.34	305.0	63.64	310.0	50.50
315.0	38.37	320.0	27.69	325.0	18.95
330.0	13.04	335.0	11.17	340.0	12.71
345.0	15.23	350.0	17.38	355.0	18.70

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 30.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	13.54	5.0	13.52	10.0	13.42
15.0	13.99	20.0	16.15	25.0	20.43
30.0	26.77	35.0	34.85	40.0	44.29
45.0	54.70	50.0	65.66	55.0	76.67
60.0	87.21	65.0	96.73	70.0	104.68
75.0	110.59	80.0	114.08	85.0	114.92
90.0	113.02	95.0	108.50	100.0	101.63
105.0	92.83	110.0	82.63	115.0	71.64
120.0	60.51	125.0	49.93	130.0	40.61
135.0	33.31	140.0	28.69	145.0	26.93
150.0	27.35	155.0	28.84	160.0	30.48
165.0	31.70	170.0	32.23	175.0	31.96
180.0	30.91	185.0	29.19	190.0	27.12
195.0	25.27	200.0	24.68	205.0	26.54
210.0	31.50	215.0	39.26	220.0	49.15
225.0	60.47	230.0	72.58	235.0	84.89
240.0	96.79	245.0	107.65	250.0	116.91
255.0	124.05	260.0	128.67	265.0	130.50
270.0	129.46	275.0	125.62	280.0	119.22
285.0	110.65	290.0	100.39	295.0	88.98
300.0	76.98	305.0	64.90	310.0	53.21
315.0	42.31	320.0	32.52	325.0	24.16
330.0	17.55	335.0	13.15	340.0	11.27
345.0	11.41	350.0	12.33	355.0	13.15

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N
 Lng: 096-45-06 W
 Power: 0.072 kW
 Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 35.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	12.35	5.0	13.10	10.0	14.48
15.0	16.83	20.0	20.42	25.0	25.37
30.0	31.63	35.0	39.05	40.0	47.43
45.0	56.49	50.0	65.89	55.0	75.24
60.0	84.13	65.0	92.10	70.0	98.72
75.0	103.62	80.0	106.49	85.0	107.16
90.0	105.56	95.0	101.78	100.0	96.04
105.0	88.65	110.0	80.05	115.0	70.71
120.0	61.13	125.0	51.82	130.0	43.30
135.0	36.05	140.0	30.50	145.0	26.91
150.0	25.18	155.0	24.80	160.0	25.11
165.0	25.52	170.0	25.70	175.0	25.48
180.0	24.88	185.0	24.07	190.0	23.45
195.0	23.62	200.0	25.33	205.0	29.06
210.0	34.88	215.0	42.50	220.0	51.51
225.0	61.48	230.0	71.95	235.0	82.47
240.0	92.55	245.0	101.71	250.0	109.48
255.0	115.46	260.0	119.33	265.0	120.88
270.0	120.04	275.0	116.86	280.0	111.54
285.0	104.39	290.0	95.79	295.0	86.17
300.0	75.97	305.0	65.64	310.0	55.55
315.0	46.04	320.0	37.38	325.0	29.78
330.0	23.43	335.0	18.47	340.0	14.99
345.0	12.97	350.0	12.11	355.0	12.00

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Call: KRQX
 Freq: 1590 kHz
 MEXIA, TX, US
 Hours: D
 Lat: 31-37-12 N
 Lng: 096-45-06 W
 Power: 0.072 kW
 Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0

2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 40.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	16.84	5.0	17.84	10.0	19.67
15.0	22.41	20.0	26.12	25.0	30.80
30.0	36.42	35.0	42.87	40.0	50.00
45.0	57.58	50.0	65.36	55.0	73.03
60.0	80.26	65.0	86.70	70.0	92.01
75.0	95.93	80.0	98.21	85.0	98.71
90.0	97.41	95.0	94.36	100.0	89.71
105.0	83.73	110.0	76.73	115.0	69.05
120.0	61.10	125.0	53.24	130.0	45.83
135.0	39.20	140.0	33.62	145.0	29.28
150.0	26.22	155.0	24.30	160.0	23.24
165.0	22.71	170.0	22.44	175.0	22.28
180.0	22.25	185.0	22.52	190.0	23.39
195.0	25.22	200.0	28.31	205.0	32.77
210.0	38.56	215.0	45.49	220.0	53.34
225.0	61.80	230.0	70.55	235.0	79.24
240.0	87.50	245.0	94.96	250.0	101.27
255.0	106.11	260.0	109.24	265.0	110.51
270.0	109.85	275.0	107.32	280.0	103.06
285.0	97.30	290.0	90.34	295.0	82.50
300.0	74.14	305.0	65.60	310.0	57.18
315.0	49.16	320.0	41.77	325.0	35.18
330.0	29.51	335.0	24.87	340.0	21.29
345.0	18.77	350.0	17.25	355.0	16.64

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 45.0 Degrees Elevation

Azimuth	Field	Azimuth	Field	Azimuth	Field
---------	-------	---------	-------	---------	-------

(Deg)	(mV/m @1km)	(Deg)	(mV/m @1km)	(Deg)	(mV/m @1km)
0.0	23.41	5.0	24.32	10.0	26.01
15.0	28.49	20.0	31.76	25.0	35.78
30.0	40.50	35.0	45.82	40.0	51.61
45.0	57.70	50.0	63.88	55.0	69.91
60.0	75.55	65.0	80.54	70.0	84.64
75.0	87.64	80.0	89.37	85.0	89.74
90.0	88.71	95.0	86.33	100.0	82.72
105.0	78.06	110.0	72.57	115.0	66.52
120.0	60.18	125.0	53.83	130.0	47.71
135.0	42.07	140.0	37.08	145.0	32.88
150.0	29.52	155.0	27.01	160.0	25.25
165.0	24.15	170.0	23.58	175.0	23.48
180.0	23.88	185.0	24.84	190.0	26.50
195.0	28.99	200.0	32.37	205.0	36.68
210.0	41.85	215.0	47.77	220.0	54.28
225.0	61.16	230.0	68.19	235.0	75.10
240.0	81.62	245.0	87.46	250.0	92.39
255.0	96.16	260.0	98.60	265.0	99.60
270.0	99.12	275.0	97.19	280.0	93.91
285.0	89.46	290.0	84.04	295.0	77.90
300.0	71.31	305.0	64.52	310.0	57.77
315.0	51.28	320.0	45.22	325.0	39.76
330.0	34.99	335.0	30.99	340.0	27.81
345.0	25.47	350.0	23.97	355.0	23.29

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 50.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	29.59	5.0	30.32	10.0	31.71
15.0	33.74	20.0	36.38	25.0	39.60
30.0	43.32	35.0	47.47	40.0	51.94
45.0	56.59	50.0	61.26	55.0	65.79
60.0	69.98	65.0	73.67	70.0	76.68
75.0	78.86	80.0	80.11	85.0	80.36
90.0	79.58	95.0	77.81	100.0	75.13
105.0	71.66	110.0	67.55	115.0	63.00

120.0	58.18	125.0	53.29	130.0	48.52
135.0	44.03	140.0	39.94	145.0	36.37
150.0	33.38	155.0	30.99	160.0	29.22
165.0	28.05	170.0	27.44	175.0	27.40
180.0	27.92	185.0	29.04	190.0	30.77
195.0	33.16	200.0	36.21	205.0	39.89
210.0	44.15	215.0	48.89	220.0	54.01
225.0	59.35	230.0	64.74	235.0	69.99
240.0	74.90	245.0	79.29	250.0	82.97
255.0	85.78	260.0	87.61	265.0	88.37
270.0	88.03	275.0	86.63	280.0	84.23
285.0	80.94	290.0	76.91	295.0	72.33
300.0	67.36	305.0	62.21	310.0	57.04
315.0	52.03	320.0	47.31	325.0	43.00
330.0	39.20	335.0	35.97	340.0	33.36
345.0	31.41	350.0	30.13	355.0	29.52

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 55.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	34.21	5.0	34.76	10.0	35.80
15.0	37.33	20.0	39.32	25.0	41.71
30.0	44.46	35.0	47.50	40.0	50.73
45.0	54.07	50.0	57.40	55.0	60.60
60.0	63.55	65.0	66.12	70.0	68.20
75.0	69.70	80.0	70.55	85.0	70.70
90.0	70.14	95.0	68.88	100.0	67.00
105.0	64.55	110.0	61.64	115.0	58.40
120.0	54.94	125.0	51.41	130.0	47.91
135.0	44.57	140.0	41.48	145.0	38.73
150.0	36.37	155.0	34.45	160.0	32.99
165.0	32.01	170.0	31.51	175.0	31.50
180.0	31.98	185.0	32.95	190.0	34.42
195.0	36.38	200.0	38.81	205.0	41.68
210.0	44.93	215.0	48.50	220.0	52.29
225.0	56.20	230.0	60.11	235.0	63.88
240.0	67.40	245.0	70.52	250.0	73.12

255.0	75.11	260.0	76.41	265.0	76.96
270.0	76.75	275.0	75.79	280.0	74.12
285.0	71.83	290.0	69.01	295.0	65.76
300.0	62.23	305.0	58.54	310.0	54.80
315.0	51.15	320.0	47.67	325.0	44.47
330.0	41.62	335.0	39.18	340.0	37.18
345.0	35.67	350.0	34.67	355.0	34.18

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Call: KRQX

Freq: 1590 kHz

MEXIA, TX, US

Hours: D

Lat: 31-37-12 N

Lng: 096-45-06 W

Power: 0.072 kW

Theo RMS: 78.19 mV/m @ 1km @ 0.072 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.413	60.6	115.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.422	-8.0	180.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.652	0.0	270.0	355.0	90.0	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 60.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	36.60	5.0	36.97	10.0	37.68
15.0	38.74	20.0	40.10	25.0	41.74
30.0	43.62	35.0	45.67	40.0	47.84
45.0	50.07	50.0	52.27	55.0	54.37
60.0	56.29	65.0	57.95	70.0	59.29
75.0	60.24	80.0	60.77	85.0	60.85
90.0	60.47	95.0	59.64	100.0	58.39
105.0	56.78	110.0	54.86	115.0	52.71
120.0	50.40	125.0	48.02	130.0	45.65
135.0	43.36	140.0	41.22	145.0	39.29
150.0	37.62	155.0	36.24	160.0	35.18
165.0	34.47	170.0	34.12	175.0	34.12
180.0	34.50	185.0	35.24	190.0	36.34
195.0	37.77	200.0	39.53	205.0	41.58
210.0	43.87	215.0	46.35	220.0	48.97
225.0	51.63	230.0	54.28	235.0	56.81
240.0	59.16	245.0	61.24	250.0	62.97
255.0	64.29	260.0	65.15	265.0	65.53
270.0	65.41	275.0	64.80	280.0	63.73
285.0	62.24	290.0	60.39	295.0	58.26
300.0	55.91	305.0	53.45	310.0	50.93
315.0	48.45	320.0	46.08	325.0	43.87
330.0	41.89	335.0	40.17	340.0	38.76
345.0	37.68	350.0	36.96	355.0	36.60

KRQX

Freq: 1590 kHz

Class: D

Latitude: 31-37-12 N

Longitude: 096-45-06 W

Power: 0.072 kW

RMS: 78.191 mV/m @1km

Towers: 4

