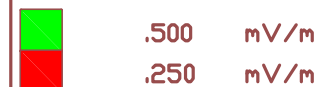


AMW(tm)

Propagation model:  
Groundwave equivalent distance

Field Strength Levels:



Minimum signal level: .001 mV/m

KTKK and First Adjacent  
Channel Stations

Greater detail with respect to  
KJOL on next page

Call	Freq. (kHz)	Power (kW)	Pattern	Coordinates
NWbcnv	620.0	.500	DA-D	N 3540 19.0 W 114 57 48.0
NWhnv	620.0	.500	DA-D	N 36 1 30.0 W 115 1 30.0
KJOL	620.0	5.000	ND-D	N 39 7 35.0 W 108 38 13.0
KWAL	620.0	1.000	ND-D	N 4730 29.0 W 116 0 17.0
KTKKka	630.0	.880	DA-D	N 40 51 2.0 W 111 58 7.0
KTKKsl	630.0	1.000	DA-D	N 40 41 30.0 W 111 55 30.0
KFI	640.0	50.000	ND-U	N 3352 47.0 W 118 0 47.0



Groundwave Signals  
KTKK, Magna, UT

May 2005

Grid spacing: 1 degree



SANDY, UT  
 2 1.0000 3  
 Call: KTKK-Licensed

Coordinates: 40 41 30.0 -111 -55 -30.0

Frequency: 630 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :					
		Contour levels in mV/m.		Azimuth	Radiation		
		.500	.250			.500	.250
.0	293.78	115.74	156.01	180.0	294.59	158.68	198.97
5.0	312.61	108.84	149.77	185.0	272.32	160.94	200.43
10.0	330.32	105.89	147.38	190.0	254.27	157.41	206.07
15.0	349.47	104.70	146.79	195.0	234.77	151.49	206.76
20.0	372.97	104.34	147.16	200.0	214.32	144.93	198.94
25.0	389.41	101.94	145.21	205.0	194.34	137.99	190.80
30.0	403.59	99.01	142.41	210.0	172.14	129.71	180.90
35.0	416.03	104.51	148.48	215.0	149.72	120.53	169.88
40.0	424.73	109.98	154.18	220.0	132.69	112.88	160.61
45.0	432.17	114.40	162.93	225.0	117.55	105.51	151.59
50.0	438.17	117.86	176.35	230.0	105.29	99.08	143.67
55.0	437.30	108.30	166.81	235.0	96.66	94.25	137.63
60.0	438.59	97.02	153.80	240.0	90.12	90.36	132.85
65.0	446.88	89.31	139.64	245.0	84.89	87.15	128.78
70.0	453.06	89.44	121.70	250.0	81.30	84.86	122.30
75.0	455.71	89.74	113.35	255.0	79.50	83.70	119.01
80.0	456.87	90.14	113.77	260.0	78.96	83.35	117.13
85.0	457.76	90.70	114.34	265.0	78.86	83.29	116.23
90.0	458.40	91.44	115.11	270.0	80.47	84.33	116.63
95.0	458.76	92.41	116.09	275.0	78.40	82.99	115.20
100.0	458.69	93.65	117.32	280.0	78.33	82.94	115.14
105.0	457.26	95.58	125.83	285.0	80.18	84.14	116.75
110.0	454.70	97.97	151.70	290.0	83.40	86.21	119.34
115.0	451.51	117.15	180.47	295.0	86.90	88.40	122.33
120.0	448.31	127.05	162.28	300.0	93.31	92.29	127.37
125.0	445.47	123.78	155.32	305.0	104.16	98.46	134.79
130.0	441.88	119.40	150.85	310.0	117.53	105.50	143.53
135.0	434.55	113.46	144.73	315.0	131.76	112.45	153.03
140.0	423.45	105.68	136.68	320.0	146.08	118.95	160.81
145.0	409.32	107.67	140.54	325.0	160.36	125.03	163.26
150.0	394.34	112.67	148.26	330.0	175.35	128.34	163.51
155.0	386.22	139.65	186.56	335.0	192.04	129.02	165.03
160.0	376.78	167.46	219.77	340.0	211.06	130.61	167.56
165.0	359.67	164.51	207.89	345.0	232.13	133.33	171.21
170.0	341.83	162.24	204.10	350.0	253.32	136.37	175.12
175.0	322.04	160.61	201.85	355.0	273.95	135.15	174.70

Ground Conductivities for the Licensed KTKK  
 Facilities are provided in the Attachment regarding  
 Second Adjacent Channel Stations.

Distances to Contours and Ground Conductivities for the Proposed KTKK  
 Facilities are provided in a separate attachment.

GRAND JUNCTION, CO  
 1 5.0000 3  
 Call: KJOL

Coordinates: 39 7 35.0 -108 -38 -13.0

Frequency: 620 kHz Number of contours: 4

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :					
		Contour levels in mV/m.		Azimuth	one km)	.500	.250
		.500	.250				
.0	647.74	170.83	235.29	180.0	647.74	153.90	191.40
5.0	647.74	189.22	260.61	185.0	647.74	152.18	189.68
10.0	647.74	192.63	264.02	190.0	647.74	150.68	188.17
15.0	647.74	192.50	263.88	195.0	647.74	149.36	186.86
20.0	647.74	180.70	251.65	200.0	647.74	148.41	185.91
25.0	647.74	180.63	231.09	205.0	647.74	147.76	185.26
30.0	647.74	180.58	226.77	210.0	647.74	147.93	185.50
35.0	647.74	180.55	218.37	215.0	647.74	149.18	190.29
40.0	647.74	170.27	198.70	220.0	647.74	169.11	240.49
45.0	647.74	148.73	177.15	225.0	647.74	246.81	318.20
50.0	647.74	140.52	168.94	230.0	647.74	239.42	305.35
55.0	647.74	136.31	164.73	235.0	647.74	235.68	287.33
60.0	647.74	134.68	163.11	240.0	647.74	233.00	284.65
65.0	647.74	133.55	161.98	245.0	647.74	237.37	289.02
70.0	647.74	133.79	162.21	250.0	647.74	244.91	296.56
75.0	647.74	134.52	162.94	255.0	647.74	245.91	297.55
80.0	647.74	135.72	164.14	260.0	647.74	245.28	296.93
85.0	647.74	137.44	165.86	265.0	647.74	187.51	251.87
90.0	647.74	139.78	168.20	270.0	647.74	168.14	234.34
95.0	647.74	142.66	171.08	275.0	647.74	158.48	224.89
100.0	647.74	145.73	174.15	280.0	647.74	152.60	219.90
105.0	647.74	149.01	177.44	285.0	647.74	151.25	213.48
110.0	647.74	150.92	179.35	290.0	647.74	151.91	189.40
115.0	647.74	152.17	180.60	295.0	647.74	153.06	190.56
120.0	647.74	153.48	181.90	300.0	647.74	154.71	192.21
125.0	647.74	154.61	183.03	305.0	647.74	158.67	204.33
130.0	647.74	155.84	184.26	310.0	647.74	216.63	249.65
135.0	647.74	161.02	189.44	315.0	647.74	215.10	243.52
140.0	647.74	162.36	190.79	320.0	647.74	208.36	236.79
145.0	647.74	168.77	197.19	325.0	647.74	200.63	229.05
150.0	647.74	173.97	202.40	330.0	647.74	193.60	222.02
155.0	647.74	172.57	210.07	335.0	647.74	185.93	214.35
160.0	647.74	167.44	204.94	340.0	647.74	178.96	207.39
165.0	647.74	162.65	200.15	345.0	647.74	171.97	200.39
170.0	647.74	158.96	196.46	350.0	647.74	170.02	198.45
175.0	647.74	156.10	193.60	355.0	647.74	169.70	198.92

Call: KJOL  
 GRAND JUNCTION, CO  
 Coordinates: 39 7 35 -108 -38 -13  
 Frequency: 620 kHz

Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
.0	647.74	15.0E	23.3	8.0E	160.2	2.0E	174.9	15.0E	361.7
		2.0E	397.4	15.0E	477.1	8.0E	843.0	15.0E	1002.4
		8.0E	1098.2	20.0E	1333.3				
5.0	647.74	15.0E	21.9	8.0E	161.8	15.0E	478.4	8.0E	946.0
		15.0E	1032.0	8.0E	1103.5	20.0E	1333.3		
10.0	647.74	15.0E	20.8	8.0E	153.2	15.0E	477.8	8.0E	983.9
		15.0E	1117.8	20.0E	1333.3				
15.0	647.74	15.0E	20.0	8.0E	153.1	15.0E	485.4	8.0E	1036.9
		30.0E	1143.9	40.0E	1333.3				
20.0	647.74	15.0E	19.3	8.0E	181.7	15.0E	625.3	8.0E	1059.4
		30.0E	1182.3	40.0E	1333.3				
25.0	647.74	15.0E	18.9	8.0E	229.5	2.0E	256.5	15.0E	615.7
		8.0E	695.7	15.0E	788.2	8.0E	1052.2	30.0E	1236.4
		40.0E	1333.3						
30.0	647.74	15.0E	18.6	8.0E	219.4	2.0E	337.9	15.0E	611.0
		8.0E	726.9	15.0E	785.9	8.0E	1031.5	30.0E	1308.3
		40.0E	1333.3						
35.0	647.74	15.0E	18.4	8.0E	200.5	2.0E	346.8	15.0E	441.8
		8.0E	460.2	15.0E	590.4	8.0E	713.8	15.0E	802.7
		8.0E	1017.1	30.0E	1333.3				
40.0	647.74	15.0E	18.4	8.0E	159.9	2.0E	336.6	15.0E	403.9
		8.0E	563.7	15.0E	610.2	8.0E	660.6	15.0E	852.6
		8.0E	901.4	15.0E	994.0	30.0E	1301.0	15.0E	1333.3
45.0	647.74	15.0E	18.6	8.0E	119.4	2.0E	323.5	15.0E	371.3
		8.0E	588.2	15.0E	649.2	8.0E	788.6	15.0E	911.9
		30.0E	1140.5	15.0E	1212.2	30.0E	1315.6	4.0E	1333.3
50.0	647.74	15.0E	18.8	8.0E	104.8	2.0E	292.0	8.0E	326.4
		15.0E	345.2	8.0E	651.4	4.0E	716.8	8.0E	808.8
		15.0E	930.8	30.0E	1080.0	15.0E	1231.2	30.0E	1267.9
		4.0E	1333.3						
55.0	647.74	15.0E	19.3	8.0E	97.4	2.0E	259.4	8.0E	584.4
		4.0E	788.0	8.0E	855.5	15.0E	917.8	30.0E	1066.2
		15.0E	1275.4	4.0E	1333.3				
60.0	647.74	15.0E	19.9	8.0E	94.5	2.0E	241.0	8.0E	566.3
		4.0E	830.1	8.0E	907.5	15.0E	953.2	30.0E	1103.6
		15.0E	1182.5	30.0E	1286.3	8.0E	1333.3		
65.0	647.74	15.0E	20.7	8.0E	92.4	2.0E	231.3	8.0E	616.9
		4.0E	923.7	8.0E	939.1	15.0E	1205.2	30.0E	1300.3
		15.0E	1333.3						
70.0	647.74	15.0E	21.8	8.0E	92.7	2.0E	224.8	8.0E	493.3
		15.0E	698.0	30.0E	902.5	15.0E	1333.3		
75.0	647.74	15.0E	23.1	8.0E	93.8	2.0E	220.4	8.0E	261.1
		15.0E	684.9	30.0E	888.0	15.0E	919.1	30.0E	1076.4
		15.0E	1134.8	30.0E	1175.0	15.0E	1333.3		
80.0	647.74	15.0E	24.8	8.0E	95.6	2.0E	217.7	8.0E	259.8
		15.0E	679.7	30.0E	875.4	15.0E	1102.1	30.0E	1163.1
		15.0E	1333.3						
85.0	647.74	15.0E	27.1	8.0E	98.3	2.0E	216.4	8.0E	273.2
		15.0E	679.5	30.0E	886.2	15.0E	985.2	30.0E	1134.3
		15.0E	1333.3						
90.0	647.74	15.0E	30.0	8.0E	101.9	2.0E	215.1	8.0E	281.0
		15.0E	684.8	30.0E	1135.9	15.0E	1321.7	8.0E	1333.3
95.0	647.74	15.0E	33.9	8.0E	106.3	2.0E	215.4	8.0E	286.9
		15.0E	712.8	30.0E	1160.2	15.0E	1259.9	8.0E	1333.3
100.0	647.74	15.0E	38.1	8.0E	111.1	2.0E	221.8	8.0E	293.7
		15.0E	728.8	30.0E	1163.5	15.0E	1221.8	8.0E	1333.3
105.0	647.74	15.0E	43.0	8.0E	116.0	2.0E	235.5	8.0E	307.4
		15.0E	682.7	30.0E	1080.5	8.0E	1164.1	15.0E	1333.3

110.0	647.74	15.0E	49.9	8.0E	118.0	2.0E	254.2	4.0E	261.9
		8.0E	333.9	15.0E	659.3	30.0E	830.5	15.0E	988.3
		30.0E	1065.9	15.0E	1072.6	30.0E	1135.3	15.0E	1333.3

Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
115.0	647.74	15.0E	59.9	8.0E	118.2	2.0E	248.3	4.0E	305.8
		8.0E	360.9	2.0E	363.4	15.0E	662.4	30.0E	836.1
		15.0E	1036.9	30.0E	1184.4	15.0E	1263.8	30.0E	1333.3
120.0	647.74	15.0E	68.6	8.0E	118.7	2.0E	246.2	4.0E	319.4
		2.0E	406.3	15.0E	678.0	30.0E	849.9	15.0E	976.3
		30.0E	984.2	15.0E	1016.5	30.0E	1142.5	15.0E	1262.3
		30.0E	1333.3						
125.0	647.74	15.0E	78.4	8.0E	118.6	2.0E	249.2	4.0E	346.8
		2.0E	434.6	15.0E	695.5	30.0E	1098.4	15.0E	1333.3
130.0	647.74	15.0E	87.9	8.0E	118.6	2.0E	265.9	4.0E	365.6
		2.0E	434.8	15.0E	714.1	30.0E	828.3	15.0E	942.4
		30.0E	1030.0	8.0E	1090.3	15.0E	1237.9	8.0E	1333.3
135.0	647.74	15.0E	120.2	2.0E	450.1	15.0E	1051.3	8.0E	1333.3
140.0	647.74	15.0E	122.1	2.0E	353.5	4.0E	361.5	2.0E	480.6
		15.0E	1031.9	8.0E	1333.3				
145.0	647.74	15.0E	121.0	4.0E	143.2	2.0E	240.5	4.0E	442.0
		2.0E	509.9	15.0E	549.6	8.0E	659.3	15.0E	853.5
		8.0E	1273.9	3.0E	1333.3				
150.0	647.74	15.0E	117.4	4.0E	165.9	2.0E	216.5	4.0E	412.6
		15.0E	593.3	8.0E	739.8	15.0E	749.4	8.0E	1181.7
		3.0E	1333.3						
155.0	647.74	15.0E	109.5	4.0E	362.7	15.0E	652.8	4.0E	772.1
		8.0E	1222.5	1.5E	1333.3				
160.0	647.74	15.0E	100.3	4.0E	322.4	15.0E	645.7	4.0E	804.1
		8.0E	985.2	4.0E	987.4	1.5E	1271.4	4.0E	1333.3
165.0	647.74	15.0E	91.7	4.0E	282.4	15.0E	634.6	4.0E	831.0
		8.0E	867.5	4.0E	1333.3				
170.0	647.74	15.0E	85.0	4.0E	262.3	15.0E	395.1	8.0E	551.5
		15.0E	627.8	4.0E	1333.3				
175.0	647.74	15.0E	79.7	4.0E	244.7	15.0E	374.5	8.0E	639.6
		4.0E	1333.3						
180.0	647.74	15.0E	75.6	4.0E	226.6	15.0E	341.5	8.0E	551.2
		4.0E	707.0	8.0E	866.3	4.0E	997.7	2.0E	1333.3
185.0	647.74	15.0E	72.5	4.0E	209.6	15.0E	307.4	8.0E	505.4
		15.0E	537.6	4.0E	668.0	8.0E	868.9	4.0E	988.9
		2.0E	1333.3						
190.0	647.74	15.0E	69.6	4.0E	197.9	15.0E	287.0	8.0E	435.2
		15.0E	531.4	4.0E	613.0	8.0E	878.1	4.0E	1333.3
195.0	647.74	15.0E	67.2	4.0E	189.8	15.0E	274.0	8.0E	394.1
		15.0E	541.3	8.0E	720.3	15.0E	836.9	8.0E	894.3
		4.0E	1333.3						
200.0	647.74	15.0E	65.4	4.0E	186.8	15.0E	266.0	8.0E	440.9
		15.0E	526.3	8.0E	689.5	15.0E	879.6	8.0E	888.2
		4.0E	1333.3						
205.0	647.74	15.0E	64.1	4.0E	185.3	15.0E	261.5	8.0E	405.9
		15.0E	510.0	8.0E	689.5	15.0E	888.5	4.0E	1013.6
		5000.0E	1333.3						
210.0	647.74	15.0E	64.5	4.0E	185.3	15.0E	261.6	8.0E	377.9
		15.0E	480.4	8.0E	673.1	15.0E	830.2	8.0E	895.0
		4.0E	961.4	5000.0E	1144.9	3.0E	1333.3		
215.0	647.74	15.0E	66.8	4.0E	182.3	15.0E	267.2	8.0E	354.9
		15.0E	454.5	8.0E	675.1	15.0E	843.1	8.0E	908.1
		4.0E	981.9	5000.0E	1033.2	3.0E	1205.4	5000.0E	1333.3
220.0	647.74	15.0E	71.8	4.0E	135.6	15.0E	289.7	8.0E	336.1
		15.0E	436.7	8.0E	665.8	15.0E	906.1	3.0E	1140.2
		5000.0E	1333.3						
225.0	647.74	15.0E	424.1	8.0E	633.3	15.0E	951.7	4.0E	983.8
		3.0E	1085.6	5000.0E	1333.3				
230.0	647.74	15.0E	221.6	8.0E	252.9	15.0E	372.0	8.0E	597.2
		15.0E	727.8	8.0E	870.4	2.0E	891.2	15.0E	926.9
		4.0E	988.4	8.0E	1024.6	15.0E	1051.7	5000.0E	1333.3
235.0	647.74	15.0E	209.3	8.0E	319.4	30.0E	364.4	8.0E	554.3
		15.0E	700.1	8.0E	887.0	4.0E	965.3	8.0E	1007.0

240.0	647.74	15.0E	1027.0	5000.0E	1333.3				
		15.0E	200.7	8.0E	325.8	30.0E	444.0	8.0E	492.5
		15.0E	674.7	8.0E	956.0	4.0E	1008.5	8.0E	1029.5
		15.0E	1046.5	5000.0E	1333.3				



Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
245.0	647.74	15.0E	215.0	8.0E	337.1	30.0E	450.6	15.0E	653.7
		8.0E	987.1	4.0E	1102.7	5000.0E	1333.3		
250.0	647.74	15.0E	240.2	8.0E	348.8	30.0E	426.2	15.0E	633.6
		8.0E	751.6	4.0E	967.2	8.0E	1013.0	15.0E	1049.9
		8.0E	1085.7	4.0E	1121.5	8.0E	1164.5	5000.0E	1333.3
255.0	647.74	15.0E	243.7	8.0E	353.2	15.0E	530.8	4.0E	872.7
		2.0E	961.2	15.0E	1009.1	8.0E	1179.1	5000.0E	1333.3
260.0	647.74	15.0E	241.4	8.0E	349.5	15.0E	502.1	4.0E	892.5
		2.0E	959.6	8.0E	997.4	15.0E	1024.7	8.0E	1154.8
		15.0E	1203.1	5000.0E	1333.3				
265.0	647.74	15.0E	77.2	4.0E	125.0	15.0E	232.5	8.0E	332.6
		15.0E	493.4	4.0E	921.6	2.0E	990.3	8.0E	1042.4
		15.0E	1172.1	30.0E	1176.7	8.0E	1217.6	5000.0E	1333.3
270.0	647.74	15.0E	70.1	8.0E	73.7	4.0E	137.2	15.0E	219.8
		8.0E	312.8	15.0E	489.8	4.0E	946.7	2.0E	1019.4
		8.0E	1071.3	15.0E	1107.9	30.0E	1166.3	8.0E	1210.2
		30.0E	1246.7	5000.0E	1333.3				
275.0	647.74	15.0E	65.0	8.0E	74.2	4.0E	144.6	15.0E	211.0
		8.0E	295.7	15.0E	484.8	4.0E	930.5	8.0E	1094.0
		15.0E	1135.0	30.0E	1178.9	8.0E	1276.2	30.0E	1277.7
		4.0E	1301.7	5000.0E	1333.3				
280.0	647.74	15.0E	61.0	8.0E	75.3	4.0E	149.7	15.0E	208.5
		8.0E	278.1	15.0E	463.4	4.0E	938.6	8.0E	1062.0
		4.0E	1120.3	8.0E	1202.6	4.0E	1341.9		
285.0	647.74	15.0E	56.9	8.0E	77.6	4.0E	159.2	15.0E	209.9
		8.0E	243.5	4.0E	244.8	15.0E	431.0	4.0E	892.4
		8.0E	1031.6	4.0E	1333.8				
290.0	647.74	15.0E	52.9	8.0E	81.4	4.0E	255.4	15.0E	412.7
		8.0E	484.4	4.0E	761.9	8.0E	991.0	4.0E	1103.9
		8.0E	1157.5	4.0E	1333.3				
295.0	647.74	15.0E	49.6	8.0E	86.2	4.0E	272.7	15.0E	415.1
		8.0E	535.7	4.0E	1333.3				
300.0	647.74	15.0E	46.1	8.0E	92.3	4.0E	221.3	15.0E	256.7
		4.0E	298.1	15.0E	428.6	8.0E	598.6	4.0E	1333.3
305.0	647.74	15.0E	43.4	8.0E	104.5	4.0E	186.2	15.0E	240.0
		4.0E	327.5	15.0E	452.7	8.0E	659.0	4.0E	1170.6
		8.0E	1224.5	4.0E	1333.3				
310.0	647.74	15.0E	41.4	8.0E	114.0	15.0E	223.9	2.0E	276.7
		4.0E	361.3	15.0E	457.3	8.0E	658.5	4.0E	814.6
		8.0E	880.4	4.0E	1133.3	15.0E	1195.9	8.0E	1258.3
		4.0E	1333.3						
315.0	647.74	15.0E	39.7	8.0E	111.4	15.0E	213.8	2.0E	311.2
		8.0E	315.6	4.0E	360.7	8.0E	813.4	4.0E	1083.0
		15.0E	1121.1	4.0E	1333.3				
320.0	647.74	15.0E	38.4	8.0E	111.2	15.0E	203.5	2.0E	278.4
		15.0E	280.8	8.0E	712.5	4.0E	1081.3	8.0E	1108.8
		15.0E	1182.9	4.0E	1281.3	8.0E	1324.9	4.0E	1333.3
325.0	647.74	15.0E	36.4	8.0E	114.0	15.0E	192.6	2.0E	252.5
		15.0E	308.0	8.0E	636.5	4.0E	958.8	1.0E	1006.2
		8.0E	1045.4	1.0E	1095.6	8.0E	1158.6	4.0E	1333.3
330.0	647.74	15.0E	34.8	8.0E	118.4	15.0E	183.3	2.0E	237.9
		8.0E	243.1	15.0E	331.8	8.0E	642.1	4.0E	1307.7
		1.0E	1333.3						
335.0	647.74	15.0E	33.2	8.0E	126.6	15.0E	173.9	2.0E	227.5
		8.0E	263.2	15.0E	353.5	8.0E	652.6	4.0E	1236.0
		1.0E	1333.3						
340.0	647.74	15.0E	30.3	8.0E	137.8	15.0E	166.4	2.0E	219.6
		8.0E	281.8	15.0E	431.7	8.0E	458.8	2.0E	578.2
		4.0E	1182.5	1.0E	1333.3				
345.0	647.74	15.0E	28.1	8.0E	157.6	15.0E	160.6	2.0E	214.3
		8.0E	300.5	15.0E	463.2	2.0E	583.0	4.0E	925.3
		8.0E	1143.8	40.0E	1333.3				
350.0	647.74	15.0E	26.4	8.0E	158.0	2.0E	211.0	8.0E	285.2

		15.0E	400.6	2.0E	744.2	8.0E	828.4	4.0E	910.3
		8.0E	970.2	15.0E	1117.9	20.0E	1333.3		
355.0	647.74	15.0E	25.0	8.0E	157.6	2.0E	197.5	15.0E	362.7
		2.0E	536.2	8.0E	568.2	2.0E	679.3	8.0E	826.0
		15.0E	957.9	8.0E	1103.0	20.0E	1333.3		

LOS ANGELES, CA  
 1 50.0000 1  
 Call: KFI

Coordinates: 33 52 47.0 -118 0 -47.0

Frequency: 640 kHz Number of contours: 4

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		.500	.250
.0	2651.51	230.84	279.42
5.0	2651.51	234.52	288.73
10.0	2651.51	238.24	292.45
15.0	2651.51	241.92	296.14
20.0	2651.51	246.31	300.52
25.0	2651.51	250.45	304.66
30.0	2651.51	255.07	314.66
35.0	2651.51	254.36	320.06
40.0	2651.51	253.48	319.18
45.0	2651.51	251.95	317.65
50.0	2651.51	249.92	315.62
55.0	2651.51	247.47	313.17
60.0	2651.51	244.55	310.25
65.0	2651.51	239.85	305.55
70.0	2651.51	234.23	299.93
75.0	2651.51	230.17	295.87
80.0	2651.51	219.40	285.10
85.0	2651.51	207.32	273.02
340.0	2651.51	228.18	297.21
345.0	2651.51	220.28	269.16
350.0	2651.51	224.31	272.36
355.0	2651.51	227.60	275.35

Call: KFI  
 LOS ANGELES, CA  
 Coordinates: 33 52 47 -118 0 -47  
 Frequency: 640 kHz

Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
.0	2651.51	15.0E	5.2	8.0E	31.0	4.0E	75.0	8.0E	155.1
		4.0E	252.3	2.0E	287.3	4.0E	767.1	8.0E	878.3
		4.0E	1300.0						
5.0	2651.51	15.0E	4.9	8.0E	30.2	4.0E	72.7	8.0E	166.0
		4.0E	815.0	8.0E	855.5	4.0E	1077.3	8.0E	1137.7
		4.0E	1300.0						
10.0	2651.51	15.0E	4.7	8.0E	29.6	4.0E	71.1	8.0E	178.3
		4.0E	1075.3	8.0E	1154.4	4.0E	1300.0		
15.0	2651.51	15.0E	4.5	8.0E	29.6	4.0E	71.0	8.0E	192.6
		4.0E	933.8	8.0E	1015.6	4.0E	1018.1	8.0E	1158.3
		4.0E	1300.0						
20.0	2651.51	15.0E	4.3	8.0E	29.9	4.0E	71.4	8.0E	211.2
		4.0E	862.4	8.0E	1190.7	4.0E	1300.0		
25.0	2651.51	15.0E	4.2	8.0E	30.4	4.0E	72.4	8.0E	230.8
		4.0E	317.2	8.0E	361.3	4.0E	811.3	8.0E	1273.6
		4.0E	1300.0						
30.0	2651.51	15.0E	4.2	8.0E	31.2	4.0E	73.9	8.0E	256.8
		4.0E	284.1	8.0E	395.7	4.0E	643.1	15.0E	994.2
		8.0E	1189.7	2.0E	1300.0				
35.0	2651.51	15.0E	4.1	8.0E	32.3	4.0E	76.2	8.0E	404.0
		15.0E	455.2	4.0E	559.8	15.0E	926.0	4.0E	987.9
		2.0E	1000.5	8.0E	1060.8	15.0E	1226.5	2.0E	1284.4
		15.0E	1300.0						
40.0	2651.51	15.0E	4.1	8.0E	33.8	4.0E	79.1	8.0E	380.8
		15.0E	774.4	8.0E	858.9	15.0E	878.7	4.0E	930.3
		15.0E	983.1	2.0E	1067.5	8.0E	1167.3	15.0E	1300.0
45.0	2651.51	15.0E	4.2	8.0E	35.6	4.0E	83.7	8.0E	361.2
		15.0E	584.5	30.0E	686.0	8.0E	820.5	15.0E	919.0
		4.0E	983.8	15.0E	1059.1	8.0E	1098.2	2.0E	1122.8
		15.0E	1300.0						
50.0	2651.51	15.0E	4.2	8.0E	38.0	4.0E	89.8	8.0E	341.4
		15.0E	535.4	8.0E	575.5	30.0E	690.4	8.0E	798.3
		15.0E	927.1	4.0E	959.2	8.0E	977.4	15.0E	986.4
		8.0E	1173.2	2.0E	1300.0				
55.0	2651.51	15.0E	4.3	8.0E	41.1	4.0E	97.7	8.0E	327.1
		15.0E	474.9	8.0E	662.8	30.0E	705.4	8.0E	720.5
		15.0E	766.9	8.0E	798.9	15.0E	895.6	4.0E	970.9
		15.0E	1053.2	8.0E	1108.2	2.0E	1236.8	8.0E	1300.0
60.0	2651.51	15.0E	4.4	8.0E	45.0	4.0E	107.9	8.0E	322.2
		15.0E	447.2	8.0E	617.4	15.0E	710.5	8.0E	778.3
		15.0E	880.9	4.0E	1040.1	2.0E	1193.3	8.0E	1262.9
		15.0E	1300.0						
65.0	2651.51	15.0E	4.6	8.0E	48.0	4.0E	121.5	8.0E	318.4
		15.0E	433.3	8.0E	619.5	15.0E	707.1	8.0E	837.5
		15.0E	923.8	4.0E	1044.2	2.0E	1131.4	4.0E	1215.2
		8.0E	1254.3	15.0E	1300.0				
70.0	2651.51	15.0E	4.9	8.0E	51.3	4.0E	139.2	8.0E	316.2
		15.0E	427.2	8.0E	629.4	15.0E	713.6	8.0E	877.5
		15.0E	993.6	4.0E	1114.7	2.0E	1264.2	15.0E	1300.0
75.0	2651.51	15.0E	5.2	8.0E	55.6	4.0E	144.1	2.0E	149.5
		8.0E	314.4	15.0E	428.5	8.0E	642.2	15.0E	728.3
		8.0E	753.6	15.0E	792.8	8.0E	937.9	15.0E	1089.7
		4.0E	1134.2	2.0E	1194.9	15.0E	1300.0		
350.0	2651.51	15.0E	6.2	8.0E	33.5	4.0E	82.5	8.0E	139.3
		4.0E	243.0	2.0E	416.5	4.0E	559.4	8.0E	608.2
		4.0E	714.6	8.0E	881.5	4.0E	1217.3	8.0E	1300.0
355.0	2651.51	15.0E	5.6	8.0E	32.0	4.0E	78.1	8.0E	146.5
		4.0E	244.7	2.0E	354.7	4.0E	772.1	8.0E	889.2