

APRIL 2004

EXHIBIT E-4B

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

GROUND CONDUCTIVITY SUMMARY

KMIN - 980 kHz, Grants, New Mexico, 1 kW ND

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	8	52.3	15	171.7	4	339.5	15	388.2
	8	450.0						
5	8	49.9	15	162.6	4	267.1	2	375.8
	8	437.4	2	450.0				
10	8	46.7	15	153.6	4	255.1	2	450.0
15	8	44.1	15	146.5	4	253.1	2	450.0
20	8	41.3	15	141.6	4	249.6	2	436.6
	8	450.0						
25	8	38.2	15	139.0	4	242.5	2	324.1
	4	358.7	2	400.8	8	450.0		
30	8	35.8	15	138.0	4	235.7	2	289.1
	4	385.4	8	446.9	15	450.0		
35	8	33.9	15	139.5	4	231.2	2	278.4
	4	372.0	8	416.8	15	450.0		
40	8	31.4	15	142.2	4	231.2	2	273.6
	4	331.0	2	366.7	8	398.7	15	450.0
45	8	29.3	15	146.0	4	231.5	2	280.6
	4	312.6	2	379.8	15	450.0		
50	8	27.7	15	151.3	4	228.1	2	369.9
	15	450.0						
55	8	26.5	15	156.2	4	221.0	2	358.3
	15	450.0						
60	8	25.5	15	162.3	4	212.6	2	297.0
	15	450.0						
65	8	24.8	15	168.9	4	204.6	2	274.9
	15	450.0						
70	8	24.3	15	176.9	4	194.5	2	259.4
	15	450.0						
75	8	24.0	15	186.8	2	247.3	15	450.0
80	8	23.9	15	198.6	2	237.1	15	450.0
85	8	24.0	15	450.0				
90	8	24.3	15	252.6	8	272.8	15	450.0
95	8	24.7	15	243.0	8	293.3	15	450.0

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

GROUND CONDUCTIVITY SUMMARY

KMIN - 980 kHz, Grants, New Mexico, 1 kW ND

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
100	8	25.4	15	239.4	8	316.6	15	450.0
105	8	26.3	15	238.2	8	321.6	15	450.0
110	8	27.6	15	238.8	8	325.9	15	450.0
115	8	28.7	15	241.3	8	341.0	15	450.0
120	8	30.1	15	245.7	8	356.3	15	450.0
125	8	31.9	15	252.4	4	257.0	8	349.3
	4	360.1	8	450.0				
130	8	34.2	15	250.4	4	362.1	8	450.0
135	8	37.2	15	232.1	4	363.1	8	450.0
140	8	41.0	15	217.9	4	366.3	8	450.0
145	8	46.2	15	206.6	4	371.2	8	450.0
150	8	53.3	15	197.4	4	379.1	8	450.0
155	8	63.5	15	190.3	4	384.7	8	450.0
160	8	79.1	15	185.2	4	391.8	8	401.2
	4	450.0						
165	8	100.2	15	181.6	4	450.0		
170	8	138.0	15	179.5	4	450.0		
175	8	195.7	4	450.0				
180	8	194.2	4	450.0				
185	8	195.5	4	253.5	8	263.7	4	412.5
	8	424.5	4	450.0				
190	8	199.2	4	260.9	8	337.6	4	366.9
	8	428.8	4	450.0				
195	8	202.1	4	272.8	8	436.5	4	450.0
200	8	131.9	4	279.1	8	448.0	4	450.0
205	8	130.4	4	268.6	8	463.7		
210	8	129.8	4	257.1	8	484.3		
215	8	128.9	4	249.6	8	386.8	15	432.5
	8	510.9						
220	8	128.4	4	244.4	8	366.6	15	450.0
225	8	128.9	4	240.5	8	359.8	15	450.0
230	8	128.8	4	237.4	8	361.4	15	450.0
235	8	129.8	4	130.7	15	162.4	4	233.7
	8	366.6	15	450.0				
240	8	129.2	15	171.3	4	229.9	8	372.4
	15	450.0						

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

GROUND CONDUCTIVITY SUMMARY

KMIN - 980 kHz, Grants, New Mexico, 1 kW ND

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
245	8	129.1	15	187.0	4	223.6	8	422.4
	15	450.0						
250	8	129.3	15	226.9	8	422.7	15	450.0
255	8	130.4	15	243.0	8	450.0		
260	8	132.7	15	260.6	8	450.0		
265	8	136.0	15	281.1	8	450.0		
270	8	140.0	15	296.5	8	450.0		
275	8	144.9	15	205.4	8	207.9	15	310.1
	8	450.0						
280	8	151.4	15	189.4	8	228.6	15	327.8
	8	450.0						
285	8	160.8	15	188.1	8	243.3	15	350.3
	8	450.0						
290	8	174.5	15	181.0	8	262.1	15	385.3
	8	450.0						
295	8	286.5	15	406.8	8	450.0		
300	8	316.3	15	407.6	8	453.7		
305	8	348.1	15	406.2	30	450.0		
310	8	339.0	15	398.7	8	450.0		
315	8	316.9	15	389.3	8	450.0		
320	8	257.2	15	373.8	8	450.0		
325	8	165.2	15	450.0				
330	8	81.8	15	328.2	4	346.7	15	450.0
335	8	73.1	15	288.1	4	368.9	15	450.0
340	8	66.6	15	245.9	4	393.3	15	450.0
345	8	61.6	15	210.4	4	399.7	15	450.0
350	8	57.7	15	191.0	4	369.6	15	450.0
355	8	54.7	15	180.3	4	346.9	15	444.4
	8	450.0						

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KMIN - 980 kHz, Grants, New Mexico, 1 kW ND

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
0	281.6	8.2	24.5	39.8	84.1	117.6	243.8
5	281.6	8.2	24.5	39.8	85.4	118.8	241.3
10	281.6	8.2	24.5	39.8	87.0	120.5	238.5
15	281.6	8.2	24.5	39.8	88.4	121.8	236.5
20	281.6	8.2	24.5	39.8	89.7	123.2	235.0
25	281.6	8.2	24.5	40.7	91.3	124.7	235.0
30	281.6	8.2	24.5	41.9	92.5	125.9	235.2
35	281.6	8.2	24.5	42.9	93.4	126.9	235.5
40	281.6	8.2	24.5	44.1	94.7	128.1	237.2
45	281.6	8.2	24.5	45.1	95.6	129.1	238.8
50	281.6	8.2	24.5	45.8	96.4	129.8	240.3
55	281.6	8.2	24.5	46.5	97.0	130.5	241.2
60	281.6	8.2	24.5	46.8	97.4	130.9	241.7
65	281.6	8.2	24.5	47.2	97.8	131.2	242.4
70	281.6	8.2	24.5	47.5	98.0	131.5	243.3
75	281.6	8.2	24.6	47.6	98.1	131.6	244.4
80	281.6	8.2	24.7	47.6	98.1	131.6	259.3
85	281.6	8.2	24.6	47.6	98.1	131.6	292.2

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CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KMIN - 980 kHz, Grants, New Mexico, 1 kW ND

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
90	281.6	8.2	24.6	47.5	98.0	131.5	288.7
95	281.6	8.2	24.5	47.3	97.8	131.3	284.9
100	281.6	8.2	24.5	46.9	97.4	130.9	284.1
105	281.6	8.2	24.5	46.5	97.1	130.5	283.7
110	281.6	8.2	24.5	45.9	96.4	129.9	283.2
115	281.6	8.2	24.5	45.4	95.9	129.4	283.0
120	281.6	8.2	24.5	44.7	95.3	128.7	283.0
125	281.6	8.2	24.5	43.8	94.4	127.8	282.9
130	281.6	8.2	24.5	42.7	93.2	126.7	277.1
135	281.6	8.2	24.5	41.2	91.7	125.2	270.4
140	281.6	8.2	24.5	39.8	89.9	123.4	264.3
145	281.6	8.2	24.5	39.8	87.2	120.6	258.5
150	281.6	8.2	24.5	39.8	83.7	117.1	253.1
155	281.6	8.2	24.5	39.8	78.7	112.1	247.3
160	281.6	8.2	24.5	39.8	73.7	105.0	240.9
165	281.6	8.2	24.5	39.8	73.7	97.5	234.0
170	281.6	8.2	24.5	39.8	73.7	97.5	226.1
175	281.6	8.2	24.5	39.8	73.7	97.5	222.6

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DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KMIN - 980 kHz, Grants, New Mexico, 1 kW ND

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
180	281.6	8.2	24.5	39.8	73.7	97.5	222.1
185	281.6	8.2	24.5	39.8	73.7	97.5	222.5
190	281.6	8.2	24.5	39.8	73.7	97.5	223.2
195	281.6	8.2	24.5	39.8	73.7	97.5	223.6
200	281.6	8.2	24.5	39.8	73.7	97.5	209.6
205	281.6	8.2	24.5	39.8	73.7	97.5	209.2
210	281.6	8.2	24.5	39.8	73.7	97.5	209.1
215	281.6	8.2	24.5	39.8	73.7	97.5	208.9
220	281.6	8.2	24.5	39.8	73.7	97.5	208.8
225	281.6	8.2	24.5	39.8	73.7	97.5	208.9
230	281.6	8.2	24.5	39.8	73.7	97.5	208.9
235	281.6	8.2	24.5	39.8	73.7	97.5	220.8
240	281.6	8.2	24.5	39.8	73.7	97.5	224.5
245	281.6	8.2	24.5	39.8	73.7	97.5	231.1
250	281.6	8.2	24.5	39.8	73.7	97.5	245.1
255	281.6	8.2	24.5	39.8	73.7	97.5	247.1
260	281.6	8.2	24.5	39.8	73.7	97.5	246.6
265	281.6	8.2	24.5	39.8	73.7	97.5	246.1

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980 kHz 50 kW/ 0.172 kW DA-D
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DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KMIN - 980 kHz, Grants, New Mexico, 1 kW ND

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
270	281.6	8.2	24.5	39.8	73.7	97.5	245.5
275	281.6	8.2	24.5	39.8	73.7	97.5	243.0
280	281.6	8.2	24.5	39.8	73.7	97.5	235.6
285	281.6	8.2	24.5	39.8	73.7	97.5	232.8
290	281.6	8.2	24.5	39.8	73.7	97.5	229.4
295	281.6	8.2	24.5	39.8	73.7	97.5	227.9
300	281.6	8.2	24.5	39.8	73.7	97.5	227.9
305	281.6	8.2	24.5	39.8	73.7	97.5	227.9
310	281.6	8.2	24.5	39.8	73.7	97.5	227.9
315	281.6	8.2	24.5	39.8	73.7	97.5	227.9
320	281.6	8.2	24.5	39.8	73.7	97.5	227.9
325	281.6	8.2	24.5	39.8	73.7	97.5	239.0
330	281.6	8.2	24.5	39.8	73.7	103.9	264.5
335	281.6	8.2	24.5	39.8	74.0	107.5	268.1
340	281.6	8.2	24.5	39.8	77.2	110.6	264.1
345	281.6	8.2	24.5	39.8	79.6	113.0	254.7
350	281.6	8.2	24.5	39.8	81.6	115.0	249.5
355	281.6	8.2	24.5	39.8	82.9	116.4	246.4

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

GROUND CONDUCTIVITY SUMMARY

KSVP - 990 kHz, Artesia, New Mexico, 1 kW ND

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

Distances are from Site to Conductivity Breaks							
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m KM
0	8	34.5	15	450.0			
5	8	33.3	15	450.0			
10	8	32.4	15	450.0			
15	8	31.8	15	450.0			
20	8	31.5	15	450.0			
25	8	31.4	15	450.0			
30	8	31.5	15	428.6	30	450.0	
35	8	31.9	15	287.9	30	450.0	
40	8	32.6	15	230.1	30	450.0	
45	8	33.5	15	221.2	30	450.0	
50	8	34.8	15	237.5	30	424.5	15 450.0
55	8	36.5	15	261.8	30	430.9	15 450.0
60	8	38.6	15	293.4	30	441.4	15 450.0
65	8	41.2	15	346.7	30	450.0	
70	8	44.5	15	372.2	30	450.0	
75	8	48.7	15	355.4	30	450.0	
80	8	54.2	15	316.7	30	450.0	
85	8	61.7	15	290.4	30	450.0	
90	8	72.2	15	372.5	8	460.8	
95	8	86.5	15	370.3	8	440.9	15 450.0
100	8	105.0	15	356.5	8	483.1	
105	8	134.9	15	317.5	8	450.0	
110	8	185.2	15	294.7	8	450.0	
115	8	450.0					
120	8	450.0					
125	8	450.0					
130	8	450.0					
135	8	450.0					
140	8	438.4	3	450.0			
145	8	404.8	3	450.0			
150	8	389.4	3	450.0			
155	8	384.9	3	450.0			
160	8	425.4	1.5	450.0			
165	8	440.3	1.5	450.0			
170	8	411.3	1.5	450.0			

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PROPOSED KICA
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980 kHz 50 kW/ 0.172 kW DA-D
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GROUND CONDUCTIVITY SUMMARY

KSVP - 990 kHz, Artesia, New Mexico, 1 kW ND

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
175	8	386.9	1.5	450.0				
180	8	361.7	1.5	450.0				
185	8	322.2	1.5	450.1				
190	8	266.1	1.5	387.7	4	450.0		
195	8	243.7	1.5	297.2	4	450.0		
200	8	239.2	4	450.0				
205	8	234.3	4	450.0				
210	8	226.2	4	450.0				
215	8	222.0	4	450.0				
220	8	219.0	4	450.0				
225	8	221.4	4	450.0				
230	8	226.5	4	450.0				
235	8	223.2	4	450.0				
240	8	227.2	4	450.0				
245	8	135.9	4	450.0				
250	8	109.0	4	397.6	8	450.0		
255	8	91.6	4	404.1	8	450.0		
260	8	80.1	4	391.9	8	450.0		
265	8	72.1	4	371.0	8	450.0		
270	8	66.1	4	348.6	8	450.0		
275	8	61.4	4	450.4				
280	8	57.8	4	450.0				
285	8	54.9	4	308.8	8	386.5	4	450.0
290	8	52.7	4	256.6	15	317.8	8	381.9
	4	450.0						
295	8	51.1	4	213.9	15	326.4	8	450.0
300	8	49.9	4	186.1	15	338.6	8	450.0
305	8	49.3	4	165.7	15	355.7	8	450.0
310	8	49.6	4	154.9	15	379.5	8	450.0
315	8	50.3	4	125.2	8	160.0	4	160.9
	15	424.7	8	446.7	15	450.0		
320	8	51.5	4	83.2	8	169.2	15	450.0
325	8	53.0	4	65.0	8	179.7	15	450.0

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980 kHz 50 kW/ 0.172 kW DA-D
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GROUND CONDUCTIVITY SUMMARY

KSVP - 990 kHz, Artesia, New Mexico, 1 kW ND

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
330	8	54.0	15	55.1	8	193.3	15	418.4
	4	450.0						
335	8	48.3	15	57.6	8	210.8	15	351.0
	4	450.0						
340	8	44.0	15	61.3	8	233.7	15	294.8
	2	371.9	4	450.0				
345	8	40.6	15	66.9	8	259.8	15	309.8
	2	450.0						
350	8	38.1	15	77.6	8	259.5	15	370.5
	2	450.0						
355	8	36.0	15	147.1	8	219.2	15	424.8
	2	450.0						

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CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KSVP - 990 KHz, Artesia, New Mexico, 1 kW ND

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
0	289.7	8.4	24.9	43.4	94.3	128.0	289.8
5	289.7	8.4	24.9	44.0	94.9	128.7	290.4
10	289.7	8.4	24.9	44.4	95.3	129.1	290.8
15	289.7	8.4	24.9	44.7	95.6	129.4	291.1
20	289.7	8.4	24.9	44.9	95.8	129.5	291.3
25	289.7	8.4	24.9	44.9	95.8	129.6	291.3
30	289.7	8.4	24.9	44.8	95.8	129.5	291.2
35	289.7	8.4	24.9	44.6	95.6	129.3	291.2
40	289.7	8.4	24.9	44.3	95.2	129.0	305.3
45	289.7	8.4	24.9	43.9	94.8	128.5	306.5
50	289.7	8.4	24.9	43.2	94.1	127.9	301.9
55	289.7	8.4	24.9	42.4	93.3	127.1	294.3
60	289.7	8.4	24.9	41.4	92.3	126.1	287.8
65	289.7	8.4	24.9	40.4	91.0	124.7	286.4
70	289.7	8.4	24.9	40.4	89.4	123.1	284.8
75	289.7	8.4	24.9	40.4	87.1	120.9	282.6
80	289.7	8.4	24.9	40.4	84.4	118.1	279.9
85	289.7	8.4	24.9	40.4	80.7	114.5	276.2

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 KHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KSVP - 990 KHz, Artesia, New Mexico, 1 kW ND

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
90	289.7	8.4	24.9	40.4	75.7	109.4	271.1
95	289.7	8.4	24.9	40.4	74.5	103.4	265.1
100	289.7	8.4	24.9	40.4	74.5	98.5	258.2
105	289.7	8.4	24.9	40.4	74.5	98.5	248.8
110	289.7	8.4	24.9	40.4	74.5	98.5	237.6
115	289.7	8.4	24.9	40.4	74.5	98.5	230.0
120	289.7	8.4	24.9	40.4	74.5	98.5	230.0
125	289.7	8.4	24.9	40.4	74.5	98.5	230.0
130	289.7	8.4	24.9	40.4	74.5	98.5	230.0
135	289.7	8.4	24.9	40.4	74.5	98.5	230.0
140	289.7	8.4	24.9	40.4	74.5	98.5	230.0
145	289.7	8.4	24.9	40.4	74.5	98.5	230.0
150	289.7	8.4	24.9	40.4	74.5	98.5	230.0
155	289.7	8.4	24.9	40.4	74.5	98.5	230.0
160	289.7	8.4	24.9	40.4	74.5	98.5	230.0
165	289.7	8.4	24.9	40.4	74.5	98.5	230.0
170	289.7	8.4	24.9	40.4	74.5	98.5	230.0
175	289.7	8.4	24.9	40.4	74.5	98.5	230.0

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KSVP - 990 kHz, Artesia, New Mexico, 1 kW ND

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
180	289.7	8.4	24.9	40.4	74.5	98.5	230.0
185	289.7	8.4	24.9	40.4	74.5	98.5	230.0
190	289.7	8.4	24.9	40.4	74.5	98.5	230.0
195	289.7	8.4	24.9	40.4	74.5	98.5	230.0
200	289.7	8.4	24.9	40.4	74.5	98.5	230.0
205	289.7	8.4	24.9	40.4	74.5	98.5	230.0
210	289.7	8.4	24.9	40.4	74.5	98.5	229.4
215	289.7	8.4	24.9	40.4	74.5	98.5	228.6
220	289.7	8.4	24.9	40.4	74.5	98.5	228.2
225	289.7	8.4	24.9	40.4	74.5	98.5	228.5
230	289.7	8.4	24.9	40.4	74.5	98.5	229.5
235	289.7	8.4	24.9	40.4	74.5	98.5	228.9
240	289.7	8.4	24.9	40.4	74.5	98.5	229.6
245	289.7	8.4	24.9	40.4	74.5	98.5	212.3
250	289.7	8.4	24.9	40.4	74.5	98.5	206.0
255	289.7	8.4	24.9	40.4	74.5	96.7	201.5
260	289.7	8.4	24.9	40.4	74.5	93.5	198.3
265	289.7	8.4	24.9	40.4	73.9	91.2	196.0

APRIL 2004

PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KSVP - 990 kHz, Artesia, New Mexico, 1 kW ND

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
270	289.7	8.4	24.9	40.4	72.0	89.3	194.1
275	289.7	8.4	24.9	40.4	70.5	87.8	192.6
280	289.7	8.4	24.9	40.4	69.4	86.7	191.5
285	289.7	8.4	24.9	40.4	68.5	85.8	190.6
290	289.7	8.4	24.9	40.4	67.6	84.9	189.7
295	289.7	8.4	24.9	40.4	67.2	84.5	189.3
300	289.7	8.4	24.9	40.4	66.7	84.0	190.0
305	289.7	8.4	24.9	40.4	66.5	83.8	197.4
310	289.7	8.4	24.9	40.4	66.6	83.9	202.6
315	289.7	8.4	24.9	40.4	66.9	84.2	210.0
320	289.7	8.4	24.9	40.4	67.3	84.9	224.3
325	289.7	8.4	24.9	40.4	69.0	93.0	232.0
330	289.7	8.4	24.9	40.4	75.0	99.0	236.5
335	289.7	8.4	24.9	40.4	77.7	101.7	236.6
340	289.7	8.4	24.9	40.4	80.5	104.5	236.5
345	289.7	8.4	24.9	40.4	83.3	107.3	238.8
350	289.7	8.4	24.9	41.6	87.7	111.7	243.2
355	289.7	8.4	24.9	42.6	93.6	127.3	271.2

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

GROUND CONDUCTIVITY SUMMARY

KMSR - 990 kHz, Farmersville, Texas, 7 kW DA

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	30	57.8	15	268.7	8	367.7	30	450.0
5	30	59.2	15	372.4	30	450.0		
10	30	62.0	15	422.6	30	451.2		
15	30	65.7	15	450.0				
20	30	70.4	15	293.2	8	450.0		
25	30	76.2	15	283.1	8	450.0		
30	30	83.7	15	285.9	8	450.0		
35	30	94.9	15	310.8	8	450.0		
40	30	112.3	15	343.3	8	450.0		
45	30	136.0	15	145.9	4	159.1	15	362.1
	8	450.0						
50	30	135.3	4	175.1	15	314.0	4	380.0
	8	450.0						
55	30	118.7	4	191.9	15	243.6	4	404.6
	8	450.0						
60	30	103.7	4	436.0	8	450.0		
65	30	92.7	4	450.0				
70	30	84.3	4	450.0				
75	30	77.9	4	450.0				
80	30	72.9	8	90.1	4	443.5	8	450.0
85	30	69.0	8	189.8	4	425.7	8	450.0
90	30	65.9	8	239.4	4	274.0	15	287.8
	4	410.1	8	450.0				
95	30	63.6	8	234.1	15	308.6	4	398.2
	8	450.0						
100	30	61.8	8	227.1	15	317.7	4	395.0
	8	450.0						
105	30	60.7	8	242.7	15	328.8	4	401.2
	8	450.0						
110	30	60.0	8	268.5	15	343.5	4	416.8
	8	450.0						
115	30	59.7	8	294.2	15	363.9	4	431.1
	8	450.0						

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

GROUND CONDUCTIVITY SUMMARY

KMSR - 990 kHz, Farmersville, Texas, 7 kW DA

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
120	30	60.0	8	323.0	15	393.5	8	450.0
125	30	60.7	8	351.5	15	474.2		
130	30	61.8	8	228.7	4	255.9	8	396.8
	15	450.0						
135	30	63.6	8	201.3	4	263.8	8	455.9
140	30	65.9	8	183.4	4	248.0	8	435.0
	30	442.4	50	452.3				
145	30	69.0	8	169.2	4	240.2	8	409.1
	30	450.4						
150	30	72.9	8	157.1	4	241.3	8	380.2
	30	438.7	50	450.0				
155	30	78.0	8	147.7	4	270.0	8	362.5
	30	434.3	50	450.0				
160	30	84.5	8	139.9	4	345.6	8	347.5
	30	403.3	50	435.6	30	439.7	50	450.0
165	30	92.1	8	133.3	4	341.6	15	379.5
	30	451.4						
170	30	100.7	8	128.1	4	330.0	15	450.0
175	30	115.3	8	124.1	4	332.0	15	448.3
	30	450.0						
180	30	120.6	15	137.0	4	300.1	15	407.1
	30	450.0						
185	30	117.9	15	169.7	4	266.5	15	394.8
	30	450.0						
190	30	114.9	15	215.9	4	237.8	15	458.9
195	30	112.7	15	215.7	30	271.4	15	450.0
200	30	111.4	15	198.5	30	307.9	15	450.0
205	30	111.0	15	191.6	30	307.0	8	406.7
	15	450.0						
210	30	111.4	15	252.9	8	454.9		
215	30	110.1	15	254.9	8	450.0		
220	30	103.8	15	260.0	8	450.0		
225	30	86.2	15	267.7	8	450.0		
230	30	77.6	15	278.0	8	450.0		
235	30	72.4	15	291.5	8	450.0		

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PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

GROUND CONDUCTIVITY SUMMARY

KMSR - 990 kHz, Farmersville, Texas, 7 kW DA

SOURCE: FCC M-3 Map (1960 Edition) Unless otherwise noted.

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
240	30	69.5	15	306.1	8	450.0		
245	30	67.2	15	313.1	8	450.0		
250	30	65.6	15	319.5	8	450.0		
255	30	64.6	15	328.6	8	450.0		
260	30	64.0	15	325.6	8	401.5	15	450.0
265	30	64.0	15	281.0	8	388.7	15	450.0
270	30	64.4	15	245.9	30	450.0		
275	30	65.4	15	219.9	30	432.2	15	450.0
280	30	66.9	15	200.1	30	411.7	15	450.0
285	30	69.3	15	162.4	30	414.3	15	450.0
290	30	72.8	15	116.7	30	450.0		
295	30	78.0	15	96.0	30	280.5	15	303.3
	30	450.0						
300	30	233.6	15	463.4				
305	30	238.8	15	450.0				
310	30	252.2	15	450.0				
315	30	261.8	15	450.0				
320	30	95.6	15	112.7	30	261.5	15	450.0
325	30	82.5	15	116.5	30	259.8	15	430.1
	30	450.0						
330	30	73.1	15	122.9	30	260.1	15	287.4
	30	450.0						
335	30	66.1	15	131.3	30	265.4	15	268.0
	30	450.0						
340	30	61.4	15	147.2	30	247.4	15	311.0
	30	450.0						
345	30	58.8	15	189.8	30	220.4	15	301.7
	8	302.8	30	450.0				
350	30	56.8	15	268.9	8	343.0	30	450.0
355	30	56.8	15	259.6	8	375.1	30	450.0

Tabulated 50 mS/m represents 5000 mS/m

APRIL 2004

PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 KHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KMSR - 990 KHz, Farmersville, Texas, 7 kW DA

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
0	893.1	27.6	74.9	108.2	177.3	222.1	409.9
5	879.4	27.2	74.9	108.1	177.0	221.4	424.4
10	868.7	27.0	75.3	108.4	177.1	221.4	416.8
15	860.5	26.8	76.3	109.2	177.8	222.0	417.1
20	854.2	26.6	77.6	110.5	178.9	223.1	402.9
25	849.4	26.5	79.4	112.2	180.6	224.7	402.6
30	845.5	26.4	80.8	114.6	182.9	227.0	404.8
35	842.6	26.3	80.7	118.3	186.5	230.6	411.3
40	840.4	26.3	80.6	124.3	192.4	236.6	420.9
45	839.3	26.3	80.5	130.6	187.8	232.0	419.5
50	839.5	26.3	80.5	130.6	169.3	209.4	384.2
55	841.4	26.3	80.6	122.4	157.7	184.5	343.4
60	845.2	26.4	80.8	111.8	147.3	174.1	316.2
65	851.0	26.6	81.1	104.0	139.6	166.5	308.8
70	858.7	26.7	81.6	98.3	134.0	160.9	303.6
75	867.9	27.0	79.1	93.9	129.7	156.8	299.7
80	877.7	27.2	77.2	96.4	132.4	159.5	302.9
85	887.2	27.4	75.2	97.4	147.0	182.4	327.4

APRIL 2004

PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KMSR - 990 kHz, Farmersville, Texas, 7 kW DA

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
90	895.4	27.6	73.7	96.1	145.7	181.2	338.7
95	901.1	27.8	72.6	94.9	144.7	180.3	354.1
100	903.6	27.8	71.7	94.0	143.9	179.4	356.2
105	902.1	27.8	71.0	93.4	143.1	178.7	355.5
110	896.4	27.6	70.5	92.8	142.5	178.0	355.2
115	886.4	27.4	70.2	92.4	141.9	177.3	353.3
120	872.5	27.1	70.0	92.0	141.4	176.6	347.2
125	855.1	26.7	69.9	91.8	140.9	175.8	343.6
130	834.7	26.1	70.0	91.8	140.5	175.0	336.8
135	812.0	25.5	70.4	92.1	140.3	174.4	328.2
140	787.5	24.9	71.0	92.6	140.2	173.8	325.4
145	761.6	*24.3	72.1	93.3	140.4	173.0	322.3
150	735.0	23.5	73.6	94.6	141.0	170.2	317.7
155	708.1	22.8	72.8	96.4	142.5	168.7	309.6
160	681.5	22.1	71.0	99.1	143.3	168.0	302.5
165	655.5	21.4	69.4	102.5	143.6	167.9	301.2
170	630.9	20.7	67.8	106.3	144.3	168.3	300.2
175	607.9	20.1	66.2	111.5	147.9	171.4	301.8

APRIL 2004

PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KMSR - 990 kHz, Farmersville, Texas, 7 kW DA

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
180	587.2	19.5	64.8	109.4	156.6	179.9	311.4
185	569.1	19.0	63.5	107.7	171.3	194.3	341.2
190	553.9	18.6	62.4	106.2	170.2	209.7	380.1
195	542.0	18.2	61.5	105.1	168.3	207.8	404.1
200	533.6	18.0	60.9	104.2	167.0	209.3	414.8
205	529.0	17.9	60.6	103.8	166.3	211.6	400.7
210	528.4	17.8	60.5	103.7	166.4	205.8	367.3
215	532.2	18.0	60.8	104.1	166.3	205.7	368.1
220	540.7	18.2	61.4	104.6	165.2	204.7	369.0
225	554.3	18.6	62.5	99.3	160.3	199.8	367.4
230	573.4	19.1	63.8	97.7	159.2	199.1	369.5
235	598.2	19.8	65.5	97.4	159.6	200.3	373.6
240	628.8	20.7	67.6	98.2	161.1	202.7	378.9
245	665.2	21.7	69.0	99.7	163.6	205.4	383.0
250	707.1	22.8	70.3	101.5	166.5	208.5	389.3
255	753.7	24.0	71.9	103.6	169.7	212.9	395.8
260	804.0	25.3	73.8	106.1	173.2	217.2	401.0
265	856.5	26.7	75.6	108.5	177.0	221.2	401.1

APRIL 2004

PROPOSED KICA
BROADCAST ENTERTAINMENT CORPORATION
980 kHz 50 kW/ 0.172 kW DA-D
CLOVIS, NEW MEXICO

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KMSR - 990 kHz, Farmersville, Texas, 7 kW DA

Azim (deg)	Inverse (mV/m)	25 mV (km)	5 mV (km)	2.0 mV (km)	0.5 mV (km)	.250 mV (km)	.025 mV (km)
270	909.5	28.0	77.7	111.2	180.5	225.7	457.8
275	960.9	29.2	79.7	113.7	184.1	233.2	467.2
280	1008.6	30.4	81.7	116.2	187.7	245.4	475.3
285	1050.7	31.3	84.0	118.9	203.2	265.5	493.2
290	1085.2	32.2	86.2	123.7	229.9	292.4	533.8
295	1110.9	32.8	88.7	139.2	245.5	301.9	542.8
300	1126.8	33.1	95.1	149.7	249.6	297.2	498.9
305	1132.7	33.3	95.4	150.0	251.6	299.2	501.2
310	1128.9	33.2	95.2	149.8	255.3	302.9	504.7
315	1116.4	32.9	94.6	149.1	255.5	304.5	505.9
320	1096.7	32.4	93.6	138.7	244.9	296.3	497.2
325	1071.6	31.8	89.2	128.3	234.3	287.6	497.7
330	1043.1	31.2	85.0	119.8	223.8	279.7	518.2
335	1013.2	30.5	81.6	116.1	213.5	274.8	515.2
340	983.7	29.8	79.1	113.3	200.7	259.0	485.3
345	956.1	29.1	77.5	111.5	181.7	235.5	456.8
350	931.5	28.5	76.0	109.7	179.3	224.9	422.0
355	910.4	28.0	75.2	108.7	178.0	223.2	406.4