

MARCH 2002

EXHIBIT E-4B
Page 1 of 18

PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

GROUND CONDUCTIVITY SUMMARY - Other Stations

KTLR - Oklahoma City, Oklahoma

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	15	17.2	30	407.8	15	556.2	30	633.6
	15	806.5	30	928.0	15	950.0		
5	15	20.7	30	426.2	15	553.4	30	640.9
	15	807.6	30	849.8	15	950.0		
10	15	22.1	30	453.4	15	585.6	30	610.3
	15	875.4	30	950.0				
15	15	23.8	30	498.1	15	565.0	30	628.7
	15	833.4	30	950.0				
20	15	26.1	30	632.8	15	950.0		
25	15	27.6	30	392.2	15	939.1	8	950.0
30	15	29.3	30	116.1	8	120.8	30	337.0
	15	877.4	8	950.0				
35	15	31.5	30	85.1	8	125.9	30	298.1
	15	798.2	8	950.0				
40	15	32.7	30	65.3	8	132.5	30	272.5
	15	795.3	8	950.0				
45	15	33.4	30	50.9	8	140.1	30	257.7
	15	793.8	8	950.0				
50	15	34.3	30	41.9	8	148.9	30	242.0
	15	502.7	8	836.0	15	950.0		
55	15	35.7	30	35.9	8	157.5	15	314.4
	8	337.3	15	365.5	8	718.8	15	940.4
	8	950.0						
60	15	36.5	8	146.3	15	280.7	8	672.6
	15	854.8	8	950.0				
65	15	37.7	8	138.2	15	229.5	8	698.1
	15	733.9	8	950.0				
70	15	39.3	8	132.0	15	214.1	8	950.0
75	15	41.3	8	127.3	15	206.1	8	774.7
	4	801.0	8	950.0				
80	15	43.9	8	122.4	15	202.4	8	745.7
	4	950.0						
85	15	47.2	8	116.9	15	203.8	8	735.4
	4	950.0						
90	15	51.4	8	109.5	15	213.2	8	748.7
	4	950.0						

MARCH 2002

EXHIBIT E-4B
Page 2 of 18

PROPOSED KTXV
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FRANKSTON, TEXAS

GROUND CONDUCTIVITY SUMMARY - Other Stations

KTLR - Oklahoma City, Oklahoma

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

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
95	15	60.0	8	99.6	15	369.8	4	462.8
	8	776.7	4	950.0				
100	15	357.1	4	550.7	8	781.3	2	936.1
	4	950.0						
105	15	346.3	4	576.3	8	772.8	2	950.0
110	15	337.1	4	579.1	8	780.7	2	950.0
115	15	334.4	4	583.1	8	771.6	4	884.1
	2	950.0						
120	15	318.7	4	589.5	8	782.7	4	897.2
	2	950.0						
125	15	272.6	4	466.6	15	511.6	4	610.5
	8	802.2	4	919.5	2	950.0		
130	15	269.7	30	280.0	4	391.5	8	449.5
	15	563.8	4	662.6	8	816.4	4	858.8
	15	887.9	50	911.3	15	950.0		
135	15	259.3	30	290.9	4	352.0	8	525.2
	15	637.1	4	637.5	8	833.1	15	950.1
140	-7	254.3	30	302.2	4	330.4	8	629.7
	15	745.3	8	777.6	15	819.4	50	950.0
145	-7	254.3	30	316.9	8	508.1	4	539.7
	8	722.8	30	787.3	50	950.0		
150	-7	254.3	30	335.5	8	473.4	4	530.8
	8	695.4	30	736.1	50	950.0		
155	-7	254.3	30	359.4	8	447.1	4	541.9
	8	659.9	30	726.8	50	950.0		
160	-8	118.2	-7	197.4	-5	224.5	30	388.2
	8	423.8	4	637.9	15	674.5	30	678.4
	50	689.4	30	703.2	50	709.0	30	734.1
	50	950.0						
165	-8	118.2	-7	197.4	-5	224.5	30	402.2
	15	427.2	4	616.0	15	756.6	30	768.1
	50	950.0						
170	-8	118.2	-7	197.4	-5	224.5	30	377.3
	15	479.0	4	553.0	15	691.2	30	780.1
	50	950.0						
175	-8	118.2	-7	197.4	-5	224.5	15	448.4
	30	532.7	15	696.6	30	793.5	50	950.0

MARCH 2002

EXHIBIT E-4B

Page 3 of 18

PROPOSED KTXV

JEFFREY N. EUSTIS

890 kHz 2 kW/0.008 kW DA-2

FRANKSTON, TEXAS

GROUND CONDUCTIVITY SUMMARY - Other Stations

KTLR - Oklahoma City, Oklahoma

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

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
180	-10	254.0	-8	286.1	15	493.3	30	566.2
	15	765.8	30	851.6	50	856.1	30	899.2
	50	904.3	30	915.3	50	921.7	30	937.7
	50	945.8	30	948.2	50	950.0		
185	-10	254.0	-8	286.1	15	478.5	8	643.0
	15	900.1	30	902.3	15	950.0		
190	-10	254.0	-8	286.1	15	466.8	8	678.4
	15	950.0						
195	-10	254.0	-8	286.1	15	459.1	8	700.5
	15	800.6	8	892.4	3	950.0		
200	-10	254.0	-8	286.1	15	451.7	8	827.7
	3	950.0						
205	-10	137.1	-15	291.7	30	292.8	15	431.1
	8	765.5	3	950.0	1.5	0.0		
210	-10	137.1	-15	291.7	30	331.5	8	350.2
	15	412.8	8	747.4	3	887.2	1.5	950.0
215	-10	137.1	-15	286.1	30	344.7	8	767.3
	3	865.0	1.5	950.0				
220	-10	137.1	-15	291.7	30	384.9	8	435.0
	15	490.1	8	911.0	1.5	950.0		
225	15	2.6	30	35.7	15	224.5	30	424.6
	15	579.0	8	924.6	1.5	950.0		
230	15	2.5	30	38.1	15	219.8	30	445.8
	15	587.1	8	908.6	1.5	950.0		
235	15	2.4	30	41.2	15	224.5	30	361.8
	15	601.6	8	888.6	1.5	893.8	4	950.0
240	15	2.3	30	45.3	15	236.3	30	335.1
	15	622.3	8	908.2	4	950.0		
245	15	2.2	30	50.6	15	251.4	30	367.2
	15	653.5	8	927.1	4	950.0		
250	15	2.1	30	56.1	15	263.1	30	434.1
	15	700.6	8	728.4	4	950.0		
255	15	2.1	30	60.9	15	275.6	30	502.0
	15	674.9	8	747.7	4	950.0		
260	15	2.1	30	65.2	15	290.3	30	484.8
	15	654.4	8	752.7	15	950.0		

MARCH 2002

EXHIBIT E-4B
Page 4 of 18

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JEFFREY N. EUSTIS
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FRANKSTON, TEXAS

GROUND CONDUCTIVITY SUMMARY - Other Stations

KTLR - Oklahoma City, Oklahoma

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

AZIMUTH	mS/m KM		mS/m KM		mS/m KM		mS/m KM	
265	15	2.1	30	68.9	15	309.0	30	459.0
	15	656.2	8	716.9	15	929.9	8	950.0
270	15	2.1	30	73.5	15	279.5	30	436.6
	15	920.1	8	950.0				
275	15	2.1	30	79.5	15	241.2	30	423.4
	15	697.0	2	754.5	4	799.2	15	950.0
280	15	2.2	30	87.3	15	231.6	30	414.9
	15	685.8	2	767.0	4	923.8	15	950.0
285	15	2.2	30	97.5	15	229.6	30	411.0
	15	655.2	2	730.3	4	779.1	2	856.2
	4	950.0						
290	15	2.3	30	111.5	15	234.3	30	407.0
	15	687.6	2	751.9	4	826.4	2	951.5
295	15	2.5	30	131.3	15	246.0	30	398.3
	15	736.3	8	809.7	2	944.6	8	950.0
300	15	2.6	30	164.6	15	259.7	30	386.0
	15	786.2	8	862.8	2	950.0		
305	15	2.8	30	372.3	15	855.5	8	905.7
	2	950.0						
310	15	3.0	30	360.5	15	803.2	8	939.5
	2	950.0						
315	15	3.4	30	358.7	15	736.8	8	946.2
	15	950.0						
320	15	3.8	30	419.4	15	741.5	8	950.0
325	15	4.4	30	490.8	15	732.9	8	950.0
330	15	5.3	30	564.1	15	729.5	8	739.6
	4	871.9	8	932.1	15	950.0		
335	15	6.7	30	665.6	15	681.3	4	922.6
	8	950.0						
340	15	9.2	30	694.1	4	893.0	8	950.0

MARCH 2002

EXHIBIT E-4B
Page 5 of 18

PROPOSED KTXV
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GROUND CONDUCTIVITY SUMMARY - Other Stations

KTLR - Oklahoma City, Oklahoma

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

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
345	15	10.7	30	710.8	4	809.7	8	892.3
	15	950.0						
350	15	12.2	30	427.7	15	499.2	30	699.6
	4	761.2	8	822.8	15	950.0		
355	15	14.2	30	404.3	15	698.9	4	733.5
	15	746.5	8	783.7	15	819.1	30	950.0

Negative mS/m are MEASURED Conductivity Values
Tabulated 50 mS/m represents 5000 mS/m

MARCH 2002

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890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KTLR - Oklahoma City, Oklahoma

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	315.4	10.7	43.0	82.3	173.4	232.0	460.8
5	315.4	10.7	42.1	81.4	172.5	231.1	463.8
10	315.4	10.7	41.7	81.0	172.2	230.8	467.7
15	315.4	10.7	41.3	80.6	171.7	230.3	472.6
20	315.4	10.7	40.6	79.9	171.0	229.6	471.9
25	315.4	10.7	40.1	79.4	170.5	229.1	454.4
30	315.4	10.7	39.6	78.9	164.1	222.8	436.8
35	315.4	10.7	38.9	78.2	122.7	177.5	393.5
40	315.4	10.7	38.5	71.1	111.7	146.9	364.4
45	315.4	10.7	38.3	63.3	103.9	131.8	342.2
50	315.4	10.7	37.9	58.5	99.1	127.0	326.1
55	315.4	10.7	36.7	55.3	95.9	123.9	295.3
60	315.4	10.7	36.8	55.4	96.1	124.0	296.8
65	315.4	10.7	36.9	55.8	96.4	124.4	290.7
70	315.4	10.7	36.9	56.3	96.9	124.8	290.1
75	315.4	10.7	36.9	56.9	97.5	125.5	291.9
80	315.4	10.7	36.9	57.7	98.4	128.0	292.8
85	315.4	10.7	36.9	58.8	99.4	131.5	295.8

MARCH 2002

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890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KTLR - Oklahoma City, Oklahoma

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	315.4	10.7	36.9	60.1	100.8	136.5	302.0
95	315.4	10.7	36.9	62.9	105.3	145.0	327.3
100	315.4	10.7	36.9	64.3	124.7	164.4	346.7
105	315.4	10.7	36.9	64.3	124.7	164.4	346.5
110	315.4	10.7	36.9	64.3	124.7	164.4	344.4
115	315.4	10.7	36.9	64.3	124.7	164.4	343.7
120	315.4	10.7	36.9	64.3	124.7	164.4	339.3
125	315.4	10.7	36.9	64.3	124.7	164.4	325.2
130	315.4	10.7	36.9	64.3	124.7	164.4	329.1
135	315.4	10.7	36.9	64.3	124.7	164.4	335.6
140	315.4	9.1	27.2	44.3	81.6	107.8	249.3
145	315.4	9.1	27.2	44.3	81.6	107.8	249.3
150	315.4	9.1	27.2	44.3	81.6	107.8	249.3
155	315.4	9.1	27.2	44.3	81.6	107.8	249.3
160	315.4	9.4	28.9	47.5	88.1	116.1	216.6
165	315.4	9.4	28.9	47.5	88.1	116.1	216.6
170	315.4	9.4	28.9	47.5	88.1	116.1	216.6
175	315.4	9.4	28.9	47.5	88.1	116.1	216.6

MARCH 2002

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FRANKSTON, TEXAS

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KTLR - Oklahoma City, Oklahoma

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	315.4	9.9	31.7	53.2	99.9	131.5	263.6
185	315.4	9.9	31.7	53.2	99.9	131.5	263.6
190	315.4	9.9	31.7	53.2	99.9	131.5	263.6
195	315.4	9.9	31.7	53.2	99.9	131.5	263.6
200	315.4	9.9	31.7	53.2	99.9	131.5	263.6
205	315.4	9.9	31.7	53.2	99.9	131.5	347.0
210	315.4	9.9	31.7	53.2	99.9	131.5	352.3
215	315.4	9.9	31.7	53.2	99.9	131.5	356.7
220	315.4	9.9	31.7	53.2	99.9	131.5	360.9
225	315.4	11.5	42.5	70.0	130.4	170.1	389.9
230	315.4	11.5	43.2	70.6	131.0	170.7	392.6
235	315.4	11.5	44.0	71.4	131.8	171.5	385.8
240	315.4	11.5	45.0	72.5	132.9	172.6	377.2
245	315.4	11.5	45.0	74.0	134.4	174.0	381.1
250	315.4	11.5	45.0	75.5	135.9	175.6	383.9
255	315.4	11.5	45.0	76.9	137.3	177.0	382.6
260	315.4	11.5	45.0	78.2	138.6	178.3	378.6
265	315.4	11.5	45.0	79.4	139.8	179.5	375.1

MARCH 2002

PROPOSED KTXV
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FRANKSTON, TEXAS

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KTLR - Oklahoma City, Oklahoma

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	315.4	11.5	45.0	80.8	141.2	180.9	386.6
275	315.4	11.5	45.0	82.8	143.2	182.9	401.3
280	315.4	11.5	45.0	84.3	145.6	185.3	408.3
285	315.4	11.5	45.0	84.3	149.0	188.7	413.4
290	315.4	11.5	45.0	84.3	153.7	193.4	415.7
295	315.4	11.5	45.0	84.3	160.4	200.0	417.5
300	315.4	11.5	45.0	84.3	171.7	211.4	423.8
305	315.4	11.5	45.0	84.3	175.4	234.0	453.8
310	315.4	11.5	45.0	84.3	175.4	234.0	451.7
315	315.4	11.4	44.9	84.2	175.4	234.0	451.2
320	315.4	11.4	44.9	84.2	175.3	233.9	464.2
325	315.4	11.4	44.9	84.2	175.3	233.9	476.2
330	315.4	11.3	44.8	84.1	175.2	233.8	476.1
335	315.4	11.2	44.7	84.0	175.1	233.7	476.0
340	315.4	10.9	44.4	83.7	174.8	233.4	475.7
345	315.4	10.7	44.2	83.5	174.6	233.2	475.5
350	315.4	10.7	43.9	83.2	174.4	233.0	465.5
355	315.4	10.7	43.6	82.9	174.0	232.6	460.3

MARCH 2002

EXHIBIT E-4B
Page 10 of 18

PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

GROUND CONDUCTIVITY SUMMARY - Other Stations

KCLW - Hamilton, Texas

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	15	195.8	30	352.1	15	411.2	30	837.1
	15	950.0						
5	15	196.2	30	376.0	15	402.4	30	843.9
	15	950.0						
10	-5	6.0	-15	77.5	-10	120.2	15	197.9
	30	398.9	15	459.1	30	897.1	15	950.0
15	-5	6.0	-15	77.5	-10	120.2	15	201.1
	30	392.5	15	440.2	8	547.1	30	950.0
20	-5	6.0	-15	77.5	-10	120.2	15	207.0
	30	355.5	15	441.6	8	552.5	30	683.7
	15	950.0						
25	-5	6.0	-15	77.5	-10	120.2	15	214.9
	30	253.5	15	950.0				
30	-4	10.8	-10	125.6	15	209.3	30	256.2
	15	523.2	8	841.5	15	950.0		
35	-4	10.8	-10	125.6	15	190.4	30	261.0
	15	505.7	8	950.0				
40	-4	10.8	-10	125.6	15	174.8	30	283.1
	15	540.2	8	950.0				
45	-4	10.8	-10	125.6	15	162.6	30	343.0
	15	592.6	8	950.0				
50	-5	7.7	-10	124.9	15	149.5	30	352.3
	4	419.6	15	504.1	4	623.4	8	950.0
55	-5	7.7	-10	124.9	15	132.5	30	300.6
	8	305.8	4	665.2	8	950.0		
60	-5	7.7	-10	124.9	15	129.9	30	263.4
	8	356.6	4	690.0	8	923.5	4	950.0
65	-5	7.7	-10	124.9	15	136.0	30	236.0
	8	412.5	4	681.8	8	913.6	4	950.0
70	-5	8.6	-10	136.6	15	147.8	30	215.2
	8	444.2	4	641.5	8	888.9	2	945.1
	4	950.0						
75	-5	8.6	-10	136.6	15	163.1	30	196.3
	8	416.7	15	500.3	4	601.6	8	833.1
	2	950.0						

MARCH 2002

EXHIBIT E-4B
Page 11 of 18

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GROUND CONDUCTIVITY SUMMARY - Other Stations

KCLW - Hamilton, Texas

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

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
80	-5	8.6	-10	136.6	15	184.4	4	189.7
	8	430.2	15	498.6	4	573.0	8	807.9
	2	950.0						
85	-5	8.6	-10	136.6	15	174.9	4	252.7
	8	443.2	15	500.5	4	566.2	8	746.6
	4	872.0	2	950.0				
90	-5	8.6	-10	136.6	15	167.5	4	371.7
	8	456.0	15	508.1	4	571.0	8	734.1
	4	845.4	2	950.0				
95	15	161.9	4	344.7	8	466.9	15	523.3
	8	708.2	4	827.0	2	950.0		
100	15	157.8	4	301.5	8	485.3	15	564.9
	8	691.3	4	725.3	15	763.8	50	821.1
	2	830.2	50	950.0				
105	15	92.1	30	111.9	15	155.1	4	301.7
	8	525.0	15	558.1	8	622.7	15	861.5
	50	866.4	15	880.3	50	889.0	15	890.0
	50	895.3	15	904.6	50	950.0		
110	15	89.0	30	122.5	15	152.1	4	312.2
	8	494.1	30	599.8	15	617.4	50	629.1
	15	630.5	50	755.2	15	758.7	50	763.2
	15	767.7	50	950.0				
115	15	86.8	30	137.3	15	150.4	4	326.0
	8	402.7	30	490.9	50	950.0		
120	15	86.0	30	150.4	15	157.9	4	338.8
	15	343.4	30	447.9	50	950.0		
125	15	87.2	30	151.8	15	188.1	4	293.5
	15	359.9	30	387.3	50	403.0	30	411.0
	50	418.8	30	423.6	50	950.0		
130	15	89.1	30	151.5	15	256.5	4	271.2
	15	341.6	30	409.4	50	950.0		
135	15	91.8	30	152.2	15	369.9	30	407.4
	50	950.0						
140	15	88.7	8	95.6	30	152.1	15	399.8
	30	410.6	50	950.0				

MARCH 2002

EXHIBIT E-4B
Page 12 of 18

PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

GROUND CONDUCTIVITY SUMMARY - Other Stations

KCLW - Hamilton, Texas

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

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
145	15	74.1	8	101.3	30	153.2	15	297.5
	30	400.7	50	950.0				
150	15	64.1	8	108.6	30	153.7	15	282.4
	30	381.3	50	382.9	30	395.6	50	950.0
155	15	57.1	8	121.4	30	154.2	15	295.9
	30	376.6	50	394.9	30	399.9	50	950.0
160	15	52.3	8	138.3	30	154.4	15	310.7
	30	389.9	50	950.0				
165	15	48.5	8	155.7	15	327.9	30	407.7
	50	414.9	30	422.2	50	950.0		
170	15	45.6	8	178.0	15	350.4	30	431.6
	50	447.0	30	468.7	50	950.0		
175	15	43.3	8	203.0	15	388.2	30	477.4
	50	479.8	30	492.5	50	493.3	30	639.6
	20	692.9	50	694.3	20	701.7	50	702.7
	20	710.7	50	950.0				
180	15	41.5	8	224.0	15	440.0	30	516.2
	15	585.5	30	627.8	20	709.8	5	853.2
	2	950.0						
185	15	40.2	8	237.0	15	607.3	20	696.6
	3	950.0						
190	15	39.2	8	244.4	15	582.2	3	850.6
	1.5	950.0						
195	15	38.6	8	253.8	15	509.0	3	714.9
	1.5	950.0						
200	15	38.3	8	265.3	15	406.7	8	469.4
	3	676.7	1.5	917.5	4	950.0		
205	15	38.3	8	277.8	15	348.7	8	442.2
	3	643.7	1.5	844.9	4	950.0		
210	15	38.5	8	427.2	3	607.3	1.5	789.4
	4	950.0						
215	15	39.1	8	403.8	3	567.4	1.5	731.5
	4	950.0						
220	15	40.0	8	381.2	3	536.8	1.5	722.2
	4	950.0						
225	15	41.2	8	374.6	3	517.0	1.5	729.9
	4	950.0						

MARCH 2002

EXHIBIT E-4B
Page 13 of 18

PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

GROUND CONDUCTIVITY SUMMARY - Other Stations

KCLW - Hamilton, Texas

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

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
230	15	42.9	8	377.5	3	509.8	1.5	736.8
	4	950.0						
235	15	45.1	8	381.4	3	513.7	1.5	704.3
	4	950.0						
240	15	47.9	8	415.2	3	530.0	8	578.9
	1.5	703.6	4	950.0				
245	15	51.4	8	607.0	1.5	718.2	4	948.7
	2	950.0						
250	15	56.1	8	646.1	1.5	715.3	4	950.0
255	15	62.1	8	653.0	1.5	702.2	4	950.0
260	15	70.2	8	656.1	1.5	684.9	4	950.0
265	15	80.2	8	704.5	4	950.0		
270	15	90.4	8	764.4	4	950.0		
275	15	100.5	8	307.9	15	370.9	8	741.4
	4	950.0						
280	15	109.3	8	266.3	15	433.8	8	686.2
	4	943.3	8	950.0				
285	15	120.9	8	240.4	15	537.9	8	647.3
	4	909.0	8	950.0				
290	15	136.4	8	234.3	15	631.6	8	729.9
	4	738.2	15	924.3	8	950.0		
295	15	157.8	8	237.5	15	650.9	8	740.1
	15	949.0	8	950.0				
300	15	172.9	8	244.0	30	328.1	15	668.6
	8	747.1	15	950.0				
305	15	172.9	8	225.8	30	319.1	15	492.2
	30	520.1	15	785.9	2	845.1	4	950.0
310	15	169.0	8	212.9	30	315.2	15	421.7
	30	539.7	15	812.4	2	950.0		
315	15	166.4	8	200.5	30	325.7	15	379.4
	30	554.2	15	820.8	2	913.9	4	950.0
320	15	165.2	8	186.4	30	574.7	15	944.8
	8	950.0						

MARCH 2002

EXHIBIT E-4B
Page 14 of 18

PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

GROUND CONDUCTIVITY SUMMARY - Other Stations

KCLW - Hamilton, Texas

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

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
325	15	165.2	30	607.0	15	950.0		
330	15	166.2	30	403.1	15	488.3	30	647.9
	15	950.0						
335	15	168.5	30	338.0	15	473.2	30	672.6
	15	950.0						
340	15	172.2	30	283.5	15	492.8	30	686.4
	15	950.0						
345	15	177.4	30	280.0	15	583.1	30	866.9
	15	950.0						
350	15	184.4	30	271.1	15	524.5	30	950.0
355	15	192.1	30	273.2	15	299.5	30	300.4
	15	460.2	30	950.0				

Negative mS/m are MEASURED Conductivity

MARCH 2002

PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KCLW - Hamilton, Texas

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	151.3	5.5	21.8	41.6	89.9	122.7	309.3
5	151.3	5.5	21.8	41.6	89.9	122.7	309.1
10	151.3	4.6	21.8	41.6	77.5	98.3	266.4
15	151.3	4.6	21.8	41.6	77.5	98.3	265.1
20	151.3	4.6	21.8	41.6	77.5	98.3	262.7
25	151.3	4.6	21.8	41.6	77.5	98.3	259.9
30	151.3	4.4	19.5	35.5	72.8	98.3	260.5
35	151.3	4.4	19.5	35.5	72.8	98.3	266.4
40	151.3	4.4	19.5	35.5	72.8	98.3	273.2
45	151.3	4.4	19.5	35.5	72.8	98.3	278.3
50	151.3	4.6	19.5	35.5	72.8	98.3	284.3
55	151.3	4.6	19.5	35.5	72.8	98.3	291.5
60	151.3	4.6	19.5	35.5	72.8	98.3	281.8
65	151.3	4.6	19.5	35.5	72.8	98.3	269.4
70	151.3	4.6	19.5	35.5	72.8	98.3	256.3
75	151.3	4.6	19.5	35.5	72.8	98.3	244.0
80	151.3	4.6	19.5	35.5	72.8	98.3	232.7
85	151.3	4.6	19.5	35.5	72.8	98.3	220.5

MARCH 2002

PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KCLW - Hamilton, Texas

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	151.3	4.6	19.5	35.5	72.8	98.3	217.9
95	151.3	5.5	21.8	41.6	89.9	122.7	234.3
100	151.3	5.5	21.8	41.6	89.9	122.7	232.4
105	151.3	5.5	21.8	41.6	89.9	129.4	234.6
110	151.3	5.5	21.8	41.6	90.3	133.9	235.4
115	151.3	5.5	21.8	41.6	91.4	139.7	237.2
120	151.3	5.5	21.8	41.6	92.0	141.7	243.6
125	151.3	5.5	21.8	41.6	91.2	140.8	258.2
130	151.3	5.5	21.8	41.6	90.2	139.9	293.4
135	151.3	5.5	21.8	41.6	89.9	138.7	300.9
140	151.3	5.5	21.8	41.6	89.4	131.1	295.4
145	151.3	5.5	21.8	41.6	84.6	113.1	283.8
150	151.3	5.5	21.8	41.6	81.3	103.4	273.3
155	151.3	5.5	21.8	41.6	79.0	101.2	260.5
160	151.3	5.5	21.8	41.6	77.4	99.6	246.0
165	151.3	5.5	21.8	41.6	76.2	98.4	233.8
170	151.3	5.5	21.8	41.6	75.2	97.4	226.3
175	151.3	5.5	21.8	41.6	74.5	96.7	219.3

MARCH 2002

PROPOSED KTXV

JEFFREY N. EUSTIS

890 kHz 2 kW/0.008 kW DA-2

FRANKSTON, TEXAS

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KCLW - Hamilton, Texas

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	151.3	5.5	21.8	41.6	74.0	96.1	216.1
185	151.3	5.5	21.8	41.2	73.5	95.7	215.7
190	151.3	5.5	21.8	40.8	73.2	95.4	215.4
195	151.3	5.5	21.8	40.7	73.1	95.2	215.3
200	151.3	5.5	21.8	40.6	73.0	95.2	215.2
205	151.3	5.5	21.8	40.6	73.0	95.2	215.2
210	151.3	5.5	21.8	40.7	73.0	95.2	215.2
215	151.3	5.5	21.8	40.8	73.2	95.4	215.4
220	151.3	5.5	21.8	41.1	73.5	95.6	215.7
225	151.3	5.5	21.8	41.5	73.9	96.1	216.1
230	151.3	5.5	21.8	41.6	74.4	96.5	216.6
235	151.3	5.5	21.8	41.6	75.1	97.3	217.3
240	151.3	5.5	21.8	41.6	76.0	98.2	218.2
245	151.3	5.5	21.8	41.6	77.1	99.3	219.3
250	151.3	5.5	21.8	41.6	78.6	100.8	220.8
255	151.3	5.5	21.8	41.6	80.6	102.8	222.8
260	151.3	5.5	21.8	41.6	83.2	105.4	225.4
265	151.3	5.5	21.8	41.6	86.6	108.8	228.8

MARCH 2002

PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

DISTANCE TO COVERAGE CONTOURS IN KILOMETRES BY AZIMUTH

KCLW - Hamilton, Texas

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	151.3	5.5	21.8	41.6	89.9	112.2	232.3
275	151.3	5.5	21.8	41.6	89.9	115.5	235.5
280	151.3	5.5	21.8	41.6	89.9	118.3	238.4
285	151.3	5.5	21.8	41.6	89.9	122.1	243.0
290	151.3	5.5	21.8	41.6	89.9	122.7	249.3
295	151.3	5.5	21.8	41.6	89.9	122.7	256.3
300	151.3	5.5	21.8	41.6	89.9	122.7	264.8
305	151.3	5.5	21.8	41.6	89.9	122.7	276.6
310	151.3	5.5	21.8	41.6	89.9	122.7	283.2
315	151.3	5.5	21.8	41.6	89.9	122.7	291.6
320	151.3	5.5	21.8	41.6	89.9	122.7	303.2
325	151.3	5.5	21.8	41.6	89.9	122.7	322.3
330	151.3	5.5	21.8	41.6	89.9	122.7	321.8
335	151.3	5.5	21.8	41.6	89.9	122.7	320.6
340	151.3	5.5	21.8	41.6	89.9	122.7	310.9
345	151.3	5.5	21.8	41.6	89.9	122.7	308.2
350	151.3	5.5	21.8	41.6	89.9	122.7	303.8
355	151.3	5.5	21.8	41.6	89.9	122.7	301.9