Exhibit 15.5
KMUR 1570 KHZ

TABULATION OF DATA EMPLOYED IN CALCULATION OF GROUNDWAVE CONTOURS

Part 6

BROADCAST CONSULANT
AM - FM - TV

TABCON
WILLIAM E. DAVIS, P.E.
12856 S. 114th E. Ave.
BROKEN ARROW, OKLAHOMA, 74011

TELEPHONE
918-369-2559

FIELD STRENGTH DATA

FIELD SET TYPE RCA MODEL WX-2D SERIAL NO. 1418

DATE FACTORY CALIBRATED AUGUST, 1975 PAGE NO. 144

FIELD MEASUREMENTS MADE ON RADIO STATION KKID, SALLISAW, OKLAHOMA

RADIAL 312.8° FREQUENCY 1560 KHZ. POWER 0.25 KW.

POINT NO.	DISTANCE IN KILO-METERS	MV/M/KM	TIME	DATE	COMMENTS
1	0.8	155	10:45 AM	4/8/86	
2	0.96	130	10:50		
3	1.12	110	10:55		
4	1.28	100	11:00		
5	1.44	87	11:05		
6	1.60	73	11:10		
7	1.77	67	11:15		
8	1.93	61	11:20		
9	2.09	56	11:30		
10	2.25	52	11:40		
11	2.41	46	11:45		
12	2.57	40	11:50		
13	2.73	36	11:55		
14	2.89	31	12:05 PM		
15	3.05	30	12:15		
16	3.21	27	12:30		
17	4.50	19.0	12:40		
18	7.88	8.5	12:45		
19	10.13	5.1	10:40 AM	4/9/86	
20	13.35	3.2	10:50		
21	17.54	1.8	11:00		

BROADCAST CONSULANT
AM - FM - TV

TABCON
WILLIAM E. DAVIS, P.E.
12856 S. 114th E. Ave.
BROKEN ARROW, OKLAHOMA, 74011

TELEPHONE
918-369-2559

FIELD STRENGTH DATA

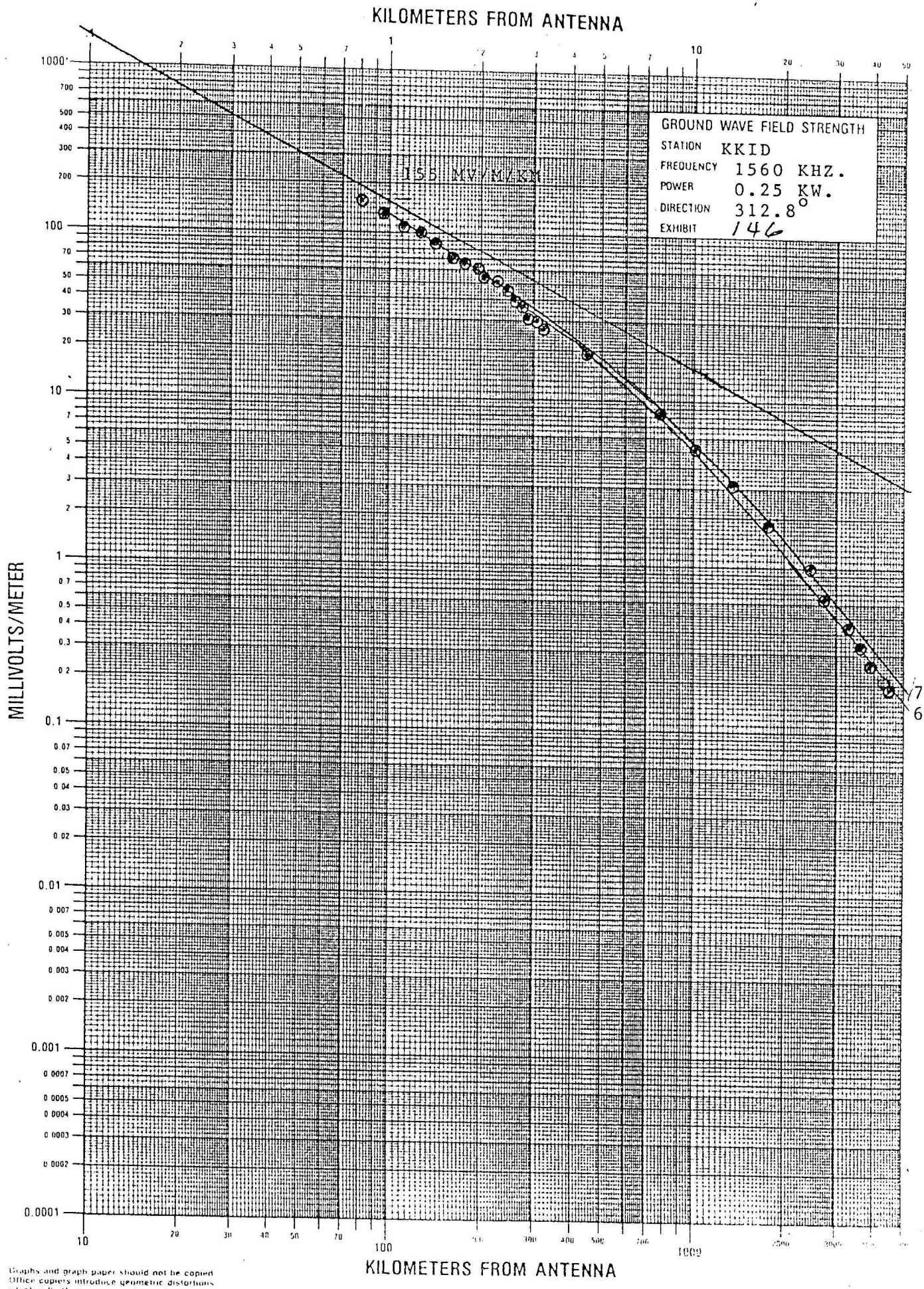
FIELD SET TYPE RCA MODEL WX-2D SERIAL NO. 1418

DATE FACTORY CALIBRATED AUGUST, 1975 PAGE NO. 145

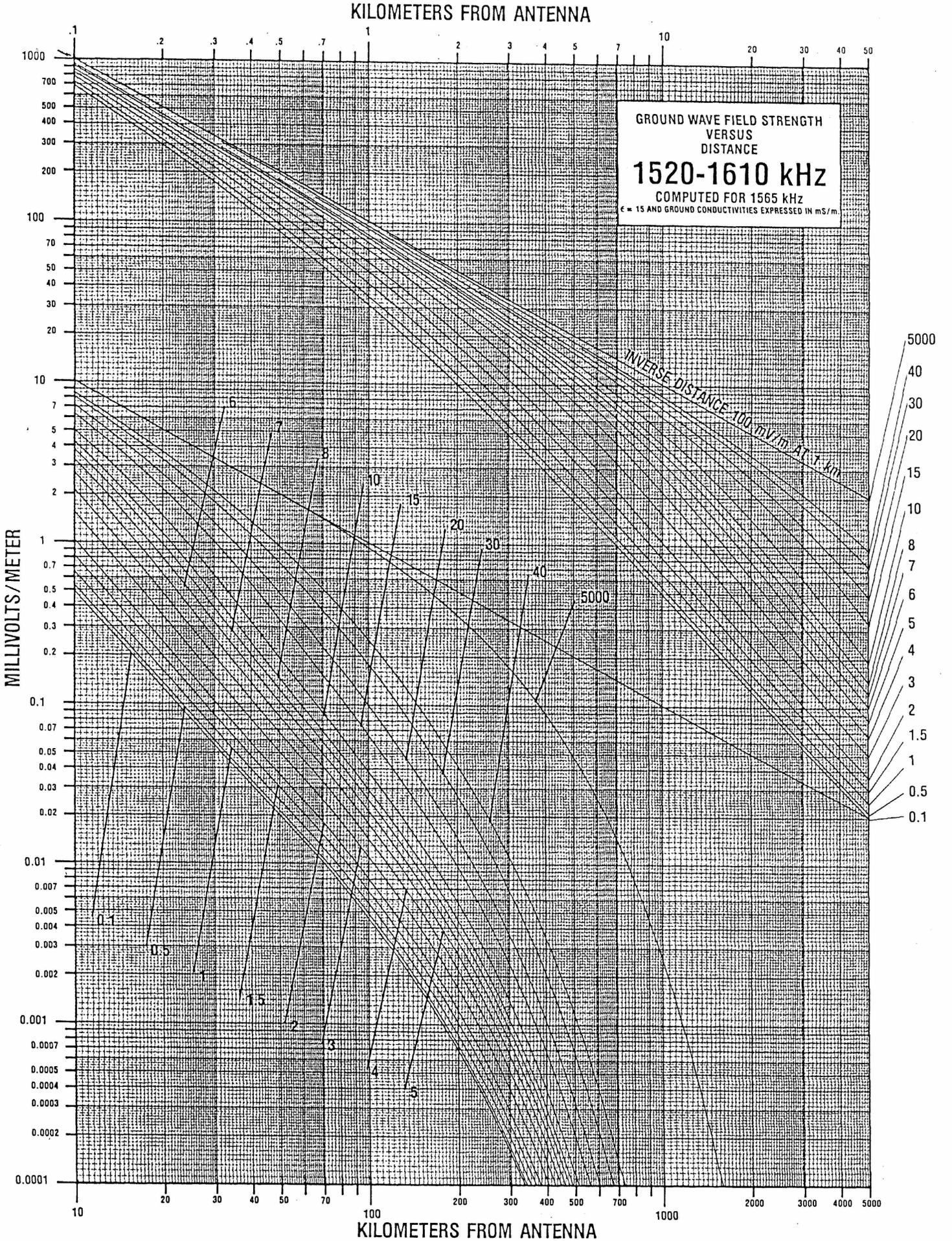
FIELD MEASUREMENTS MADE ON RADIO STATION KKID, SALLISAW, OKLAOMA

RADIAL 312.8° FREQUENCY 1560 KHZ. POWER 0.25 KW

POINT NO.	DISTANCE IN KILO-METERS	MV/M/KM	TIME	DATE	COMMENTS
22	24.62	1.0	11:20 AM	4/9/86	
23	27.03	0.65	11:30		
24	33.31	0.44	11:45		
25	36.37	0.34	11:55		
26	39.42	0.27	12:20		
27	45.54	0.19	12:45		



Graphs and graph paper should not be copied. Office copiers introduce geometric distortions which will affect accuracy. Copies for submission to the FCC and station files should only be made after all data have been plotted.



GRAPH 19

Station: WMBH 1560 kHz 37-04-10 94-32-49

FCC M3 conductivities utilized along all azimuths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	8	12.5	15	450.0				
5	8	13.5	15	450.0				
10	8	14.7	15	450.0				
15	8	16.4	15	450.0				
20	8	18.7	15	450.0				
25	8	21.9	15	450.0				
30	8	24.1	15	450.0				
35	8	26.9	15	450.0				
40	8	30.6	15	94.6	8	171.9	15	365.6
	8	398.3	15	450.0				
45	8	36.4	15	62.8	8	450.0		
50	8	46.6	15	47.3	8	450.0		
55	8	412.7	15	450.0				
60	8	372.1	15	450.0				
65	8	363.5	15	450.0				
70	8	376.7	15	450.0				
75	8	450.0						
80	8	450.0						
85	8	450.0						
90	8	450.0						
95	8	450.0						
100	8	450.0						
105	8	450.0						
110	8	450.0						
115	8	450.0						
120	8	450.0						
125	8	450.0						
130	8	450.0						
135	8	323.3	4	388.6	8	450.0		
140	8	275.0	4	443.7	8	450.0		
145	8	242.5	4	471.0				
150	8	218.0	15	220.9	4	450.0		
155	8	198.0	15	233.9	4	450.0		
160	8	188.5	15	249.3	4	450.0		
165	8	183.3	15	267.6	4	450.0		
170	8	183.9	15	289.0	4	446.7	8	450.0
175	8	187.1	15	325.0	4	426.2	8	450.0
180	8	190.6	15	329.2	4	419.3	8	450.0
185	8	191.3	15	326.9	4	421.4	8	450.0
190	8	187.3	15	347.2	30	382.4	4	428.3
	8	450.0						
195	8	180.1	15	367.3	30	450.0		
200	8	170.1	15	393.7	30	450.0		
205	8	152.4	15	418.3	30	450.0		
210	8	127.3	15	423.0	30	450.0		

Station: WMBH 1560 kHz 37-04-10 94-32-49

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
215	8	27.4	15	60.2	8	101.6	15	366.4
	30	450.0						
220	8	21.9	15	323.0	30	450.0		
225	8	18.4	15	202.8	8	250.4	15	308.2
	30	450.0						
230	8	16.0	15	181.8	8	265.6	15	315.1
	30	450.0						
235	8	14.2	15	166.9	8	271.2	15	325.0
	30	332.8	15	450.0				
240	8	12.8	15	154.5	8	266.0	30	278.5
	15	309.1	30	363.4	15	450.0		
245	8	11.7	15	116.1	30	165.4	8	238.7
	30	374.8	15	450.0				
250	8	10.9	15	95.4	30	186.8	8	220.9
	30	383.8	15	450.0				
255	8	10.2	15	84.1	30	396.2	15	450.0
260	8	9.7	15	76.6	30	414.5	15	450.0
265	8	9.3	15	73.5	30	442.2	15	450.0
270	8	9.0	15	73.9	30	450.0		
275	8	8.8	15	75.8	30	450.0		
280	8	8.7	15	78.4	30	450.0		
285	8	8.6	15	81.8	30	450.0		
290	8	8.3	15	86.3	30	450.0		
295	8	8.1	15	91.9	30	450.0		
300	8	8.0	15	97.4	30	450.0		
305	8	7.9	15	104.2	30	450.0		
310	8	7.9	15	112.9	30	375.3	15	442.8
	30	450.0						
315	8	7.9	15	122.8	30	349.6	15	450.0
320	8	8.0	15	135.6	30	338.6	15	450.0
325	8	8.2	15	152.8	30	332.7	15	489.1
330	8	8.5	15	176.4	30	329.4	15	448.8
	30	450.0						
335	8	8.8	15	208.7	30	330.2	15	434.0
	30	450.0						
340	8	9.2	15	242.4	30	341.0	15	434.7
	30	450.0						
345	8	9.8	15	278.9	30	393.0	15	450.0
350	8	10.5	15	324.3	30	450.2		
355	8	11.4	15	381.7	30	442.4	15	450.0

Station: KBCV 1570 kHz 36-36-52 93-12-49

FCC M3 conductivities utilized along all azimuths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	8	186.6	15	450.0				
5	8	202.6	15	450.0				
10	8	223.6	15	450.0				
15	8	252.3	15	450.0				
20	8	322.8	15	450.0				
25	8	405.6	15	450.0				
30	8	450.0						
35	8	450.0						
40	8	327.9	15	450.0				
45	8	295.6	15	450.0				
50	8	291.6	15	450.0				
55	8	296.7	15	425.2	8	450.0		
60	8	320.1	15	330.2	8	450.0		
65	8	450.0						
70	8	450.0						
75	8	450.0						
80	8	382.6	4	396.4	8	450.0		
85	8	362.6	4	421.7	8	450.0		
90	8	355.1	4	450.0				
95	8	352.5	4	450.0				
100	8	355.0	4	450.0				
105	8	364.3	4	450.0				
110	8	382.2	4	450.0				
115	8	414.3	4	450.0				
120	8	445.8	4	450.0				
125	8	450.0						
130	8	450.0						
135	8	450.0						
140	8	450.0						
145	8	450.0						
150	8	206.2	4	328.4	8	450.0		
155	8	187.6	4	358.1	8	450.0		
160	8	173.8	4	394.0	8	450.0		
165	8	163.1	4	436.9	8	450.0		
170	8	154.8	4	450.0				
175	8	148.3	4	450.0				
180	8	143.4	4	390.9	15	450.0		
185	8	139.7	15	146.1	4	401.5	15	474.9
190	8	136.3	15	179.4	4	383.7	8	450.0
195	8	134.7	15	222.5	4	384.5	8	450.0
200	8	135.9	15	297.8	4	391.2	8	450.0
205	8	139.8	15	305.7	4	407.0	8	450.0
210	8	146.2	15	315.6	4	410.2	30	450.0
215	8	160.5	15	364.1	30	450.0		
220	8	181.0	15	418.8	30	450.0		

Station: KBCV 1570 kHz 36-36-52 93-12-49

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
225	8	196.3	15	451.2				
230	8	204.1	15	469.1				
235	8	207.8	15	401.6	30	450.0		
240	8	208.6	15	380.9	30	450.0		
245	8	203.7	15	378.2	30	450.0		
250	8	196.7	15	283.4	8	343.6	15	407.8
	30	419.4	15	450.0				
255	8	188.6	15	269.1	8	362.4	15	401.5
	30	450.0						
260	8	180.5	15	260.5	8	347.0	30	450.0
265	8	170.3	15	253.4	8	330.8	30	450.0
270	8	156.6	15	228.0	30	450.0		
275	8	143.6	15	210.4	30	450.0		
280	8	138.1	15	199.6	30	450.0		
285	8	137.3	15	198.7	30	450.0		
290	8	137.3	15	209.2	30	450.0		
295	8	136.3	15	222.1	30	450.0		
300	8	132.7	15	234.7	30	450.0		
305	8	126.8	15	249.0	30	450.0		
310	8	119.7	15	266.6	30	450.0		
315	8	115.4	15	289.1	30	452.0		
320	8	118.4	15	317.0	30	440.0	15	450.0
325	8	122.5	15	344.4	30	434.4	15	450.0
330	8	127.9	15	372.8	30	448.3	15	450.0
335	8	134.9	15	405.6	30	450.0		
340	8	143.5	15	444.3	30	450.0		
345	8	153.5	15	450.0				
350	8	164.3	15	450.0				
355	8	174.1	15	450.0				

Station: NEW (Hollister, MO)1570 kHz 36-30-50 93-12-54

FCC M3 conductivities utilized along all azimuths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	8	197.6	15	450.0				
5	8	214.6	15	450.0				
10	8	236.8	15	450.0				
15	8	268.2	15	450.0				
20	8	376.9	15	450.0				
25	8	421.9	15	450.0				
30	8	450.0						
35	8	439.0	15	450.0				
40	8	322.5	15	450.0				
45	8	300.4	15	450.0				
50	8	300.2	15	450.0				
55	8	306.8	15	406.1	8	450.0		
60	8	450.0						
65	8	450.0						
70	8	450.0						
75	8	450.0						
80	8	372.9	4	409.2	8	450.0		
85	8	360.1	4	431.0	8	450.0		
90	8	353.8	4	450.0				
95	8	351.7	4	450.0				
100	8	354.9	4	450.0				
105	8	366.4	4	450.0				
110	8	387.4	4	450.0				
115	8	419.7	4	450.0				
120	8	446.5	4	450.0				
125	8	450.0						
130	8	450.0						
135	8	450.0						
140	8	450.0						
145	8	219.9	4	269.6	8	450.0		
150	8	189.3	4	324.6	8	450.0		
155	8	172.9	4	353.0	8	450.0		
160	8	160.3	4	387.8	8	450.0		
165	8	150.4	4	430.0	8	450.0		
170	8	142.7	4	450.0				
175	8	136.8	4	450.0				
180	8	132.2	4	379.8	15	450.0		
185	8	128.8	15	133.1	4	389.9	15	465.0
190	8	125.7	15	164.5	4	373.2	8	450.0
195	8	123.9	15	204.8	4	373.5	8	450.0
200	8	124.4	15	284.7	4	379.5	8	450.0
205	8	127.9	15	294.2	4	394.3	8	450.0
210	8	133.4	15	303.5	4	411.9	8	493.6
215	8	143.0	15	344.9	30	450.0		
220	8	162.3	15	398.5	30	450.0		

Station: NEW 1570 kHz 36-30-50 93-12-54

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
225	8	182.0	15	440.2	30	450.0		
230	8	193.6	15	457.7				
235	8	199.8	15	405.0	30	450.0		
240	8	202.9	15	380.0	30	450.0		
245	8	201.1	15	371.1	30	450.0		
250	8	196.6	15	292.8	8	326.6	15	392.5
	30	462.4						
255	8	190.2	15	270.6	8	353.3	15	400.5
	30	447.5	15	450.0				
260	8	184.0	15	262.0	8	352.8	30	450.0
265	8	176.7	15	255.8	8	334.9	30	450.0
270	8	166.6	15	239.8	30	289.5	8	323.3
	30	450.0						
275	8	154.4	15	220.2	30	450.0		
280	8	144.1	15	207.4	30	450.0		
285	8	140.3	15	199.6	30	450.0		
290	8	140.5	15	206.1	30	450.0		
295	8	141.6	15	219.3	30	450.0		
300	8	140.9	15	233.4	30	450.0		
305	8	137.8	15	248.8	30	450.0		
310	8	131.9	15	266.3	30	450.0		
315	8	126.0	15	288.8	30	462.7		
320	8	124.4	15	318.1	30	450.3		
325	8	128.7	15	347.9	30	443.2	15	450.0
330	8	134.4	15	377.0	30	453.6		
335	8	141.8	15	410.7	30	450.0		
340	8	151.2	15	450.3				
345	8	161.7	15	450.0				
350	8	174.1	15	450.0				
355	8	184.4	15	450.0				

Station: KHGG 1580 kHz 35-25-58 94-19-47

M3 Conductivities utilized on all azimuths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	8	204.5	15	450.0				
5	8	215.5	15	450.0				
10	8	265.0	15	450.0				
15	8	314.4	15	450.0				
20	8	363.8	15	450.0				
25	8	452.2						
30	8	450.0						
35	8	450.0						
40	8	450.0						
45	8	450.0						
50	8	450.0						
55	8	450.0						
60	8	450.0						
65	8	450.0						
70	8	450.0						
75	8	450.0						
80	8	450.0						
85	8	16.3	15	45.7	8	450.0		
90	8	12.0	15	70.6	8	450.0		
95	8	9.6	15	90.0	8	450.0		
100	8	8.0	15	89.3	4	144.9	8	450.0
105	8	6.9	15	86.9	4	241.1	8	450.0
110	8	6.1	15	85.3	4	270.4	8	450.0
115	8	5.5	15	84.5	4	290.8	8	450.0
120	8	5.1	15	84.2	4	307.6	8	450.0
125	8	4.7	15	84.1	4	315.2	8	450.0
130	8	4.5	15	84.6	4	324.7	8	450.0
135	8	4.3	15	85.7	4	336.8	8	450.0
140	8	4.1	15	87.6	4	351.1	8	450.0
145	8	4.0	15	90.3	4	369.7	8	450.0
150	8	3.9	15	93.7	4	407.5	8	450.0
155	8	3.8	15	97.8	4	450.0		
160	8	3.8	15	103.0	4	276.2	15	409.0
	4	450.0						
165	8	3.8	15	109.8	4	277.2	15	450.0
170	8	3.9	15	120.0	4	254.3	8	286.1
	15	339.5	8	450.0				
175	8	3.9	15	136.2	4	245.2	8	450.0
180	8	4.0	15	149.7	4	240.3	8	408.4
	4	444.9	8	450.0				
185	8	4.2	15	149.5	4	238.9	8	402.0
	4	450.0						
190	8	4.3	15	149.6	4	240.8	8	403.2
	4	450.0						
195	8	4.6	15	150.8	4	247.5	8	406.0
	4	450.0						

Station: KHGG 1580 kHz 35-25-58 94-19-47

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
200	8	4.9	15	153.3	4	256.5	8	410.7
	4	450.0						
205	8	5.3	15	159.5	4	181.7	30	384.7
	8	416.7	4	450.0				
210	8	5.8	15	189.9	30	420.4	15	450.0
215	8	6.4	15	216.5	30	424.2	15	450.0
220	8	7.3	15	248.3	30	377.1	15	450.0
225	8	8.5	15	279.1	30	349.0	15	450.0
230	8	10.1	15	292.2	30	334.2	15	450.0
235	8	12.5	15	307.1	30	369.8	15	450.0
240	8	16.8	15	271.8	30	419.9	15	450.0
245	8	22.1	15	250.2	30	450.0		
250	8	28.7	15	241.6	30	450.0		
255	8	36.7	15	236.5	30	388.3	15	450.0
260	8	43.5	15	237.8	30	367.3	15	450.0
265	8	50.2	15	257.9	30	308.6	15	450.0
270	8	58.1	15	284.9	30	333.7	15	450.0
275	8	64.8	15	176.2	8	237.1	15	288.2
	30	367.3	15	450.0				
280	8	72.7	15	168.8	8	255.9	30	400.8
	15	450.0						
285	8	80.1	15	167.1	8	251.0	30	448.1
	15	450.0						
290	8	86.0	15	169.8	8	249.3	30	450.0
295	8	91.5	15	173.9	8	250.6	30	450.0
300	8	97.3	15	179.6	8	239.4	30	450.0
305	8	103.4	15	186.1	8	187.8	30	450.0
310	8	108.9	15	182.9	30	450.0		
315	8	115.7	15	181.9	30	450.0		
320	8	123.1	15	182.2	30	450.0		
325	8	130.7	15	185.6	30	450.0		
330	8	135.5	15	191.8	30	450.0		
335	8	140.7	15	241.7	30	450.0		
340	8	144.8	15	311.1	30	450.0		
345	8	152.9	15	406.2	30	450.0		
350	8	176.6	15	450.0				
355	8	196.2	15	450.0				

Station: KNDY 1570 kHz 39-51-02 96-38-52

FCC M3 conductivities utilized along all azimuths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	15	86.1	30	156.1	15	327.1	30	386.1
	15	450.0						
5	15	90.3	30	148.2	15	450.0		
10	15	94.7	30	141.2	15	405.4	30	470.9
15	15	100.6	30	132.7	15	384.4	30	450.0
20	15	362.7	30	450.0				
25	15	361.8	30	450.0				
30	15	385.1	30	417.3	15	450.0		
35	15	450.0						
40	15	121.4	30	186.4	15	450.0		
45	15	108.4	30	192.4	15	450.0		
50	15	98.7	30	189.5	15	450.0		
55	15	90.0	30	181.4	15	450.0		
60	15	82.9	30	170.2	15	445.8	8	450.0
65	15	77.4	30	156.6	15	426.9	8	450.0
70	15	71.9	30	144.8	15	431.4	8	450.0
75	15	67.1	30	135.5	15	450.0		
80	15	63.4	30	128.3	15	450.0		
85	15	57.9	30	123.1	15	450.0		
90	15	52.5	30	119.4	15	428.5	8	450.0
95	15	47.6	30	116.7	15	411.2	8	450.0
100	15	43.9	30	115.1	15	398.9	8	450.0
105	15	41.0	30	114.5	15	382.7	8	450.0
110	15	38.7	30	115.0	15	365.9	8	450.0
115	15	36.4	30	116.4	15	351.7	8	450.0
120	15	34.3	30	119.1	15	341.0	8	450.0
125	15	32.6	30	122.9	15	333.4	8	450.0
130	15	31.3	30	128.1	15	334.1	8	450.0
135	15	30.3	30	135.3	15	340.6	8	450.0
140	15	29.6	30	147.1	15	350.7	8	450.0
145	15	29.1	30	164.0	15	347.3	8	450.0
150	15	28.9	30	190.8	15	354.6	8	450.0
155	15	28.9	30	230.3	15	383.5	8	450.0
160	15	29.1	30	331.9	15	399.6	8	450.0
165	15	29.6	30	359.1	15	450.0		
170	15	30.3	30	379.9	15	450.0		
175	15	31.2	30	379.5	8	450.0		
180	15	32.5	30	372.2	8	450.0		
185	15	34.2	30	439.7	8	450.0		
190	15	36.4	30	450.0				
195	15	39.1	30	450.0				
200	15	42.7	30	450.0				
205	15	47.3	30	450.0				
210	15	53.6	30	444.2	15	450.0		
215	15	62.4	30	435.9	15	450.0		

Station: KNDY 1570 kHz 39-51-02 96-38-52

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
220	15	74.3	30	436.0	15	450.0		
225	15	89.4	30	450.0				
230	15	110.5	30	450.0				
235	15	125.5	30	450.0				
240	15	136.0	30	378.4	15	450.0		
245	15	145.0	30	373.7	15	450.0		
250	15	154.4	30	370.5	15	450.0		
255	15	161.2	30	365.1	15	450.0		
260	15	161.5	30	358.0	15	450.0		
265	15	160.8	30	353.8	15	450.0		
270	15	158.8	30	352.3	15	450.0		
275	15	158.1	30	353.5	15	450.0		
280	15	158.5	30	357.5	15	450.0		
285	15	160.2	30	364.3	15	450.0		
290	15	163.2	30	373.4	15	450.0		
295	15	167.6	30	372.2	4	450.0		
300	15	174.4	30	356.6	4	450.0		
305	15	183.4	30	344.0	4	450.0		
310	15	138.9	30	155.6	15	195.0	30	331.9
	4	450.0						
315	15	119.9	30	164.8	15	210.2	30	307.1
	4	450.0						
320	15	106.7	30	168.2	15	232.1	30	278.2
	4	384.8	8	450.0				
325	15	96.7	30	170.2	15	254.1	4	334.0
	8	450.0						
330	15	89.1	30	171.9	15	257.6	4	304.1
	8	383.4	15	450.0				
335	15	83.1	30	173.6	15	307.7	8	347.8
	15	400.8	30	450.0				
340	15	79.9	30	174.3	15	351.4	30	450.0
345	15	79.7	30	175.2	15	340.7	30	450.0
350	15	80.3	30	172.4	15	338.6	30	485.8
355	15	82.8	30	164.8	15	329.5	30	426.0
	15	450.0						

Station: KOCY 1560 kHz 35-26-26 97-29-24

FCC M3 conductivities utilized along all paths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	30	8.3	15	27.7	30	421.2	15	450.0
5	30	4.8	15	34.6	30	440.1	15	450.0
10	30	3.4	15	36.9	30	468.3		
15	30	2.7	15	39.8	30	450.0		
20	30	2.2	15	41.6	30	450.0		
25	30	1.9	15	43.7	30	395.4	15	450.0
30	30	1.7	15	45.0	30	105.0	8	136.0
	30	340.8	15	450.0				
35	30	1.5	15	45.2	30	71.8	8	141.8
	30	302.3	15	450.0				
40	30	1.4	15	45.8	30	50.9	8	148.9
	30	278.3	15	450.0				
45	30	1.3	15	46.1	8	156.6	30	263.5
	15	450.0						
50	30	1.2	15	46.5	8	166.5	30	206.8
	15	432.2	8	450.0				
55	30	1.1	15	47.2	8	156.5	15	304.7
	8	450.0						
60	30	1.1	15	48.3	8	146.2	15	256.0
	8	450.0						
65	30	1.0	15	49.8	8	138.2	15	225.5
	8	450.0						
70	30	1.0	15	51.9	8	132.0	15	214.0
	8	450.0						
75	30	1.0	15	54.5	8	125.2	15	207.5
	8	450.0						
80	30	1.0	15	59.5	8	117.1	15	206.5
	8	450.0						
85	30	1.0	15	66.4	8	108.2	15	211.7
	8	450.0						
90	30	1.0	15	232.1	8	287.4	15	372.7
	8	450.0						
95	30	1.0	15	364.2	4	450.0		
100	30	1.0	15	350.5	4	450.0		
105	30	1.1	15	339.1	4	450.0		
110	30	1.1	15	331.1	4	450.0		
115	30	1.2	15	329.7	4	450.0		
120	30	1.2	15	285.0	4	450.0		
125	30	1.3	15	262.8	4	452.8		
130	30	1.5	15	43.7	30	70.1	15	255.4
	30	277.5	4	365.5	8	443.6	15	450.0
135	30	1.6	15	35.4	30	82.3	15	246.6
	30	286.3	4	334.5	8	450.0		
140	30	1.8	15	29.9	30	95.7	15	239.6
	30	297.4	4	313.2	8	450.0		

Station: KOCY 1560 kHz 35-26-26 97-29-24

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
145	30	2.1	15	26.1	30	108.7	15	233.3
	30	311.7	8	450.0				
150	30	2.5	15	23.3	30	126.3	15	229.0
	30	330.1	8	450.0				
155	30	3.2	15	21.1	30	140.1	15	220.1
	30	353.6	8	430.5	4	450.0		
160	30	4.4	15	19.5	30	154.6	15	203.9
	30	380.5	8	407.5	4	450.0		
165	30	7.0	15	18.3	30	169.6	15	190.2
	30	385.5	15	420.3	4	450.0		
170	30	8.1	15	17.3	30	223.8	15	310.9
	30	361.1	15	450.0				
175	30	9.9	15	16.5	30	218.2	15	432.7
	30	450.0						
180	30	12.6	15	15.9	30	218.1	15	450.0
185	30	15.6	15	16.4	30	218.3	15	464.5
190	30	15.5	15	19.3	30	220.0	15	453.1
195	30	15.5	15	23.6	30	223.5	15	445.5
	8	450.0						
200	30	15.7	15	27.5	30	236.3	15	439.4
	8	450.0						
205	30	16.0	15	31.4	30	271.3	15	420.4
	8	450.0						
210	30	16.4	15	36.9	30	156.0	15	158.2
	30	318.2	8	323.9	15	402.6	8	450.0
215	30	17.0	15	45.0	30	147.7	15	176.5
	30	326.6	8	450.0				
220	30	17.8	15	58.4	30	128.9	15	186.2
	30	360.8	8	450.0				
225	30	18.8	15	84.7	30	108.2	15	199.0
	30	408.7	15	450.0				
230	30	20.0	15	210.9	30	429.9	15	450.0
235	30	21.7	15	210.4	30	380.5	15	450.0
240	30	23.8	15	220.4	30	333.0	15	450.0
245	30	26.6	15	235.4	30	342.2	15	450.0
250	30	30.4	15	249.8	30	404.8	15	450.0
255	30	35.8	15	263.6	30	450.0		
260	30	44.0	15	277.7	30	450.0		
265	30	52.7	15	295.8	30	465.1		
270	30	60.5	15	311.9	30	442.3	15	450.0
275	30	65.6	15	254.2	30	427.5	15	450.0
280	30	72.0	15	237.4	30	418.1	15	450.0
285	30	80.5	15	232.1	30	414.1	15	450.0
290	30	92.0	15	233.4	30	412.4	15	450.0
295	30	108.4	15	242.5	30	406.5	15	450.0
300	30	133.1	15	258.7	30	396.6	15	450.0

Station: KOCY 1560 kHz 35-26-26 97-29-24

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
305	30	180.6	15	263.3	30	383.6	15	450.0
310	30	372.2	15	450.0				
315	30	365.4	15	450.0				
320	30	400.9	15	450.0				
325	30	450.0						
330	30	450.0						
335	30	450.0						
340	30	450.0						
345	30	450.0						
350	30	445.3	15	450.0				
355	30	418.6	15	450.0				

Station: KLEX 1570 kHz 39-11-14 93-50-03

M3 Coonductivities utilized on all azimuths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	15	450.0						
5	15	450.0						
10	15	450.0						
15	15	399.3	8	450.0				
20	15	375.6	8	450.0				
25	15	365.9	8	450.2				
30	15	300.8	8	436.2	4	450.0		
35	15	275.9	8	458.7				
40	15	272.3	8	450.0				
45	15	279.0	8	450.0				
50	15	286.3	8	450.0				
55	15	290.7	8	450.0				
60	15	291.4	8	450.0				
65	15	284.6	8	427.7	15	450.0		
70	15	222.3	8	354.4	15	450.0		
75	15	181.1	8	325.1	15	450.0		
80	15	171.0	8	302.7	15	459.5		
85	15	161.7	8	287.9	15	442.1	8	450.0
90	15	153.5	8	276.5	15	424.0	8	450.0
95	15	144.6	8	268.6	15	405.2	8	450.0
100	15	137.2	8	265.3	15	387.2	8	450.0
105	15	130.2	8	271.1	15	370.8	8	450.0
110	15	124.9	8	306.4	15	355.4	8	450.0
115	15	119.9	8	450.0				
120	15	115.9	8	450.0				
125	15	113.0	8	450.0				
130	15	111.0	8	450.0				
135	15	110.0	8	450.0				
140	15	109.8	8	450.0				
145	15	110.4	8	450.0				
150	15	111.9	8	450.0				
155	15	114.3	8	450.0				
160	15	117.8	8	450.0				
165	15	122.4	8	464.9				
170	15	128.4	8	441.5	4	450.0		
175	15	141.1	8	422.4	15	441.1	4	450.0
180	15	159.3	8	412.0	15	450.0		
185	15	187.5	8	418.6	15	450.0		
190	15	211.9	8	432.2	15	450.0		
195	15	225.9	8	424.0	15	450.0		
200	15	308.4	8	378.1	15	450.0		
205	15	450.0						
210	15	273.0	30	310.9	15	407.4	8	450.0
215	15	250.7	30	370.4	8	450.0		
220	15	230.1	30	385.7	8	437.0	30	450.0

Station: KLEX 1570 kHz 39-11-14 93-50-03

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
225	15	211.5	30	450.0				
230	15	195.7	30	450.0				
235	15	183.3	30	450.0				
240	15	173.7	30	450.0				
245	15	166.2	30	450.0				
250	15	160.5	30	450.0				
255	15	155.1	30	450.0				
260	15	150.7	30	450.0				
265	15	146.8	30	450.0				
270	15	143.1	30	450.0				
275	15	140.5	30	284.1	15	394.7	30	450.0
280	15	139.1	30	248.5	15	406.7	30	450.0
285	15	138.2	30	222.3	15	410.0	30	450.0
290	15	138.4	30	206.7	15	416.4	30	450.0
295	15	139.3	30	198.1	15	427.8	30	450.0
300	15	141.2	30	198.9	15	306.2	30	404.5
	15	444.0	30	450.0				
305	15	144.3	30	204.1	15	286.8	30	395.6
	15	468.5						
310	15	148.1	30	212.8	15	272.6	30	380.2
	15	450.0						
315	15	153.2	30	226.8	15	281.6	30	325.4
	15	450.0						
320	15	159.9	30	240.9	15	450.0		
325	15	168.6	30	250.7	15	450.0		
330	15	181.1	30	248.6	15	450.0		
335	15	450.0						
340	15	450.0						
345	15	440.2	30	450.0				
350	15	406.1	30	450.0				
355	15	407.4	30	450.0				

Station: KPYK 1570 kHz 32-44-35 96-18-18

FCC M3 conductivities utilized along all paths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	30	98.6	15	307.2	8	409.6	30	450.0
5	30	101.3	15	415.4	30	450.0		
10	30	106.2	15	450.0				
15	30	112.4	15	362.2	8	434.9	15	450.0
20	30	120.1	15	326.3	8	450.0		
25	30	130.7	15	321.4	8	450.0		
30	30	146.3	15	337.2	8	450.0		
35	30	167.6	15	371.5	8	450.0		
40	30	163.3	4	201.8	15	391.7	8	450.0
45	30	128.9	4	215.4	15	342.5	4	406.6
	8	450.0						
50	30	104.8	4	233.6	15	250.8	4	428.2
	8	450.0						
55	30	88.7	8	102.0	4	455.9		
60	30	77.3	8	114.4	4	450.0		
65	30	69.0	8	142.8	4	450.0		
70	30	62.7	8	178.8	4	450.0		
75	30	57.9	8	214.1	4	454.4		
80	30	54.2	8	244.2	4	431.9	8	450.0
85	30	51.2	8	236.2	15	307.1	4	411.9
	8	450.0						
90	30	49.0	8	226.5	15	313.1	4	396.7
	8	450.0						
95	30	47.2	8	237.2	15	318.7	4	392.3
	8	450.0						
100	30	45.9	8	254.7	15	327.1	4	396.5
	8	450.0						
105	30	45.1	8	273.7	15	338.6	4	408.6
	8	450.0						
110	30	44.5	8	293.5	15	355.8	4	417.0
	8	450.0						
115	30	44.4	8	314.1	15	380.5	8	450.0
120	30	44.6	8	337.3	15	440.8	8	450.0
125	30	45.1	8	175.8	4	239.7	8	374.6
	15	454.5						
130	30	46.0	8	154.1	4	228.5	8	433.2
	30	450.0						
135	30	47.2	8	136.9	4	212.9	8	407.5
	30	450.0						
140	30	49.0	8	123.2	4	207.6	8	387.9
	30	425.4	50	450.0				
145	30	51.3	8	112.7	4	209.7	8	350.8
	30	411.1	50	450.0				
150	30	53.7	8	104.4	4	232.8	8	332.7
	30	400.0	50	450.0				

Station: KPYK 1570 kHz 32-44-35 96-18-18

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
155	30	56.5	8	97.3	4	282.0	8	313.8
	30	363.9	50	369.3	30	388.2	50	392.1
	30	398.2	50	450.0				
160	30	60.2	8	91.7	4	307.3	15	343.9
	30	348.1	50	359.0	30	372.3	50	379.0
	30	401.3	50	450.0				
165	30	65.6	8	87.2	4	296.5	15	342.0
	30	418.7	50	450.0				
170	30	73.8	8	83.7	4	287.9	15	430.9
	30	442.6	50	450.0				
175	30	80.9	15	85.0	4	286.7	15	399.4
	30	449.9	50	450.2				
180	30	78.5	15	100.8	4	255.6	15	363.9
	30	452.7						
185	30	76.7	15	124.8	4	226.8	15	351.4
	30	450.0						
190	30	74.9	15	162.3	4	202.4	15	410.5
	30	450.0						
195	30	73.5	15	184.0	30	212.7	15	450.0
200	30	72.7	15	169.4	30	252.0	15	450.0
205	30	72.4	15	157.6	30	283.3	15	450.0
210	30	72.7	15	152.5	30	245.3	8	402.3
	15	450.0						
215	30	73.5	15	216.7	8	435.9	15	450.0
220	30	75.0	15	220.1	8	450.0		
225	30	77.1	15	226.2	8	450.0		
230	30	77.9	15	234.9	8	450.0		
235	30	77.7	15	246.4	8	450.0		
240	30	74.1	15	261.0	8	450.0		
245	30	67.8	15	279.1	8	450.0		
250	30	63.0	15	292.5	8	450.0		
255	30	59.6	15	301.0	8	450.0		
260	30	58.1	15	312.3	8	450.0		
265	30	57.1	15	323.6	8	397.0	15	450.0
270	30	57.0	15	300.2	8	386.1	15	450.0
275	30	57.8	15	269.6	8	332.4	30	450.0
280	30	59.1	15	245.5	30	438.4	15	450.0
285	30	61.0	15	226.9	30	419.0	15	450.0
290	30	63.5	15	212.4	30	421.7	15	450.0
295	30	66.7	15	196.1	30	450.0		
300	30	70.8	15	165.6	30	450.0		
305	30	76.1	15	141.8	30	273.7	15	450.0
310	30	83.0	15	127.0	30	250.8	15	450.0
315	30	93.3	15	115.6	30	273.6	15	450.0
320	30	289.5	15	450.0				
325	30	293.1	15	450.0				

Station: KPYK 1570 kHz 32-44-35 96-18-18

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
330	30	136.6	15	144.0	30	293.5	15	372.7
	30	450.0						
335	30	123.4	15	151.5	30	296.1	15	318.8
	30	450.0						
340	30	113.4	15	163.9	30	299.5	15	310.1
	30	450.0						
345	30	105.6	15	185.5	30	279.6	15	350.4
	30	450.0						
350	30	100.4	15	318.2	8	367.3	30	450.0
355	30	97.9	15	301.5	8	417.5	30	450.0

Tabulated 50 mS/m represents 5000 mS/m

Station: KTAT 1570 kHz 34-23-30 99-01-51

FCC M3 conductivities utilized along all paths

Distances are from Site to Conductivity Breaks

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	15	208.1	30	450.0				
5	15	190.8	30	450.0				
10	15	176.2	30	450.0				
15	15	164.9	30	450.0				
20	15	156.0	30	450.0				
25	15	149.2	30	450.0				
30	15	143.9	30	450.0				
35	15	141.0	30	450.0				
40	15	143.3	30	307.4	8	309.0	30	450.0
45	15	151.6	30	194.9	15	222.0	30	257.6
	8	329.2	30	451.6				
50	15	162.3	30	183.5	15	228.8	8	350.6
	30	361.7	15	450.0				
55	15	100.5	30	114.4	15	162.5	30	174.7
	15	232.7	8	323.0	15	453.6		
60	15	72.6	30	187.2	15	244.3	8	299.6
	15	392.5	8	450.0				
65	15	67.4	30	200.6	15	376.9	8	450.0
70	15	63.3	30	207.7	15	381.4	8	450.0
75	15	60.1	30	207.7	15	450.0		
80	15	57.6	30	206.0	15	450.0		
85	15	55.8	30	204.8	15	450.0		
90	15	55.9	30	202.5	15	448.6	4	450.0
95	15	57.2	30	199.7	15	358.0	4	450.0
100	15	59.1	30	194.7	15	319.6	30	359.0
	4	450.0						
105	15	64.7	30	190.5	15	282.8	30	353.2
	4	438.8	8	450.0				
110	15	64.5	30	350.2	8	450.0		
115	15	60.2	30	349.7	8	450.0		
120	15	54.6	30	200.1	15	213.5	30	351.9
	8	450.0						
125	15	50.2	30	175.8	15	233.3	30	356.8
	8	450.0						
130	15	45.0	30	156.4	15	255.4	30	363.0
	8	419.5	4	450.0				
135	15	40.2	30	141.4	15	279.6	30	364.5
	15	373.7	4	450.0				
140	15	35.8	30	130.0	15	388.7	4	450.0
145	15	32.6	30	124.3	15	407.9	4	450.0
150	15	30.1	30	123.0	15	361.8	30	428.3
	15	450.0						
155	15	28.3	30	124.4	15	374.2	30	447.1
	15	450.0						
160	15	27.3	30	127.2	15	380.3	8	409.9
	30	450.0						

Station: KTAT 1570 kHz 34-23-30 99-01-51

AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
165	15	26.6	30	131.1	15	351.8	8	450.0
170	15	26.1	30	136.5	15	330.9	8	450.0
175	15	25.8	30	143.4	15	314.6	8	450.0
180	15	25.7	30	152.2	15	301.1	8	450.0
185	15	26.5	30	162.1	8	163.4	15	278.1
	8	450.0						
190	15	27.5	30	158.3	8	178.6	15	254.4
	8	450.0						
195	15	28.8	30	158.5	8	198.7	15	236.1
	8	450.0						
200	15	30.5	30	164.7	8	450.0		
205	15	32.7	30	173.9	8	450.0		
210	15	32.8	30	190.9	8	450.0		
215	15	30.9	30	211.3	8	227.8	15	306.0
	8	450.0						
220	15	29.5	30	229.4	15	360.9	8	450.0
225	15	28.4	30	239.5	15	388.8	8	450.0
230	15	27.7	30	251.6	15	394.6	8	450.0
235	15	27.8	30	258.5	15	405.0	8	450.0
240	15	28.1	30	179.3	15	419.1	8	450.0
245	15	28.6	30	164.1	15	438.6	8	450.0
250	15	29.4	30	155.6	15	450.0		
255	15	30.4	30	152.8	15	450.0		
260	15	31.9	30	178.6	15	450.0		
265	15	36.1	30	268.1	15	450.0		
270	15	41.9	30	344.5	15	450.0		
275	15	50.4	30	339.8	15	450.0		
280	15	67.0	30	333.8	15	450.0		
285	15	91.2	30	326.6	15	450.0		
290	15	113.9	30	322.1	15	450.0		
295	15	141.4	30	321.4	15	450.0		
300	15	184.5	30	324.7	15	450.0		
305	15	208.8	30	331.0	15	450.0		
310	15	196.2	30	341.5	15	450.0		
315	15	182.0	30	354.7	15	450.0		
320	15	177.0	30	364.8	15	450.0		
325	15	177.7	30	371.6	15	450.0		
330	15	183.4	30	375.5	15	450.0		
335	15	197.4	30	380.3	15	450.0		
340	15	243.8	30	386.2	15	450.0		
345	15	275.9	30	450.0				
350	15	253.9	30	450.0				
355	15	229.7	30	450.0				