



<div> <div>Scale in km</div> <div> <div></div> <div>0</div> <div>10</div> <div>20</div> <div>30</div> <div>40</div> <div>50</div> <div>60</div> <div>70</div> </div> </div>	<div> <div>990903 212C2 .4kW 2186M AMSL</div> <div>KANL.C 214A .75kW 1461M AMSL</div> </div>	<div> <div>990903 vs KANL.C</div> <div>- 07/02</div> </div>
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07-01-2002 03 Sec. Terrain Data

990903 BPED19990903ME
Channel = 212C2
Max ERP = 0.4 kW
RCAMSL = 2186 M
N. Lat = 45 18 35
W. Lng = 117 43 57

KANL.C BPED19981221MB
Channel = 214A
Max ERP = 0.75 kW
RCAMSL = 1461 M
N. Lat = 44 45 58
W. Lng = 117 52 54

Protected
60 dBu

Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
161.0	000.4000	0491.5	032.3	036.5	000.7500	0422.5	037.3	60.4
162.0	000.4000	0511.3	033.1	037.0	000.7500	0422.5	036.4	60.8
163.0	000.4000	0530.8	033.9	037.5	000.7500	0422.4	035.4	61.3
164.0	000.4000	0546.9	034.5	037.8	000.7500	0422.4	034.6	61.7
165.0	000.4000	0566.3	035.2	038.2	000.7500	0422.4	033.7	62.1
166.0	000.4000	0594.1	036.1	038.8	000.7500	0422.2	032.6	62.6
167.0	000.4000	0625.4	037.1	039.5	000.7500	0421.9	031.5	63.1
168.0	000.4000	0649.4	037.9	039.9	000.7500	0421.9	030.5	63.6
169.0	000.4000	0659.3	038.2	039.6	000.7500	0421.9	029.8	64.0
170.0	000.4000	0666.2	038.4	039.1	000.7500	0422.2	029.2	64.4
171.0	000.4000	0675.2	038.7	038.6	000.7500	0422.2	028.5	64.8
172.0	000.4000	0686.4	039.0	038.2	000.7500	0422.4	027.7	65.3
173.0	000.4000	0703.3	039.6	038.0	000.7500	0422.4	026.9	65.8
174.0	000.4000	0716.4	040.0	037.5	000.7500	0422.4	026.1	66.3
175.0	000.4000	0732.7	040.5	037.1	000.7500	0422.5	025.3	66.9
176.0	000.4000	0750.3	041.0	036.7	000.7500	0422.5	024.4	67.5
177.0	000.4000	0768.5	041.5	036.2	000.7500	0422.7	023.5	68.1
178.0	000.4000	0790.8	042.2	035.8	000.7500	0422.7	022.6	68.8
179.0	000.4000	0810.0	042.7	035.1	000.7500	0422.8	021.7	69.5
180.0	000.4000	0831.5	043.3	034.4	000.7500	0422.8	020.8	70.2
181.0	000.4000	0854.2	043.8	033.5	000.7500	0422.8	019.9	70.9
182.0	000.4000	0877.6	044.4	032.4	000.7500	0422.8	019.0	71.6
183.0	000.4000	0900.6	044.9	031.2	000.7500	0422.7	018.2	72.2
184.0	000.4000	0915.4	045.3	029.4	000.7500	0422.6	017.5	72.8
185.0	000.4000	0921.0	045.4	027.2	000.7500	0422.5	017.1	73.1
186.0	000.4000	0926.2	045.5	024.8	000.7500	0422.2	016.7	73.4
187.0	000.4000	0936.9	045.7	022.4	000.7500	0422.4	016.3	73.8
188.0	000.4000	0948.0	045.9	019.8	000.7500	0422.4	015.9	74.1
189.0	000.4000	0956.9	046.1	017.1	000.7500	0422.6	015.6	74.4
190.0	000.4000	0960.7	046.2	014.1	000.7500	0423.3	015.4	74.5
191.0	000.4000	0963.6	046.2	011.1	000.7500	0424.5	015.3	74.6
192.0	000.4000	0966.7	046.3	008.1	000.7500	0428.7	015.3	74.8
193.0	000.4000	0974.9	046.5	005.0	000.7500	0435.6	015.2	75.0
194.0	000.4000	0988.0	046.7	001.9	000.7500	0431.0	015.1	75.0
195.0	000.4000	0998.8	046.9	358.7	000.7500	0431.6	015.1	75.0
196.0	000.4000	1005.1	047.1	355.6	000.7500	0434.1	015.2	74.9

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
197.0	000.4000	1010.1	047.2	352.6	000.7500	0437.3	015.4	74.8
198.0	000.4000	1018.2	047.3	349.7	000.7500	0435.1	015.7	74.6
199.0	000.4000	1026.9	047.5	346.8	000.7500	0431.6	015.9	74.3
200.0	000.4000	1035.7	047.6	344.0	000.7500	0425.1	016.3	73.9
201.0	000.4000	1044.9	047.8	341.4	000.7500	0419.1	016.7	73.4
202.0	000.4000	1052.6	047.9	339.0	000.7500	0414.7	017.1	72.9
203.0	000.4000	1060.5	048.1	336.7	000.7500	0410.8	017.6	72.4
204.0	000.4000	1062.0	048.1	334.8	000.7500	0407.0	018.2	71.9
205.0	000.4000	1063.3	048.1	333.1	000.7500	0402.8	018.8	71.2
206.0	000.4000	1066.2	048.2	331.5	000.7500	0400.7	019.5	70.7
207.0	000.4000	1070.1	048.3	330.0	000.7500	0397.0	020.1	70.1
208.0	000.4000	1073.4	048.3	328.6	000.7500	0395.0	020.8	69.5
209.0	000.4000	1074.2	048.3	327.5	000.7500	0389.7	021.6	68.8
210.0	000.4000	1075.8	048.4	326.4	000.7500	0386.7	022.3	68.2
211.0	000.4000	1078.7	048.4	325.4	000.7500	0383.3	023.0	67.5
212.0	000.4000	1081.3	048.4	324.5	000.7500	0379.5	023.8	66.9
213.0	000.4000	1085.7	048.5	323.6	000.7500	0379.5	024.6	66.3
214.0	000.4000	1092.0	048.6	322.7	000.7500	0375.0	025.3	65.7
215.0	000.4000	1101.9	048.8	321.8	000.7500	0370.1	026.1	65.0
216.0	000.4000	1113.5	049.0	320.9	000.7500	0361.9	026.8	64.3
217.0	000.4000	1122.3	049.1	320.2	000.7500	0353.3	027.6	63.6
218.0	000.4000	1131.4	049.3	319.5	000.7500	0353.3	028.5	63.1
219.0	000.4000	1138.4	049.4	319.0	000.7500	0344.5	029.3	62.3
220.0	000.4000	1143.3	049.5	318.6	000.7500	0344.5	030.1	61.9
221.0	000.4000	1145.5	049.5	318.3	000.7500	0336.2	031.0	61.2

KANL.C BPED19981221MB
 Channel = 214A
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990903 BPED19990903ME
 Channel = 212C2
 Max ERP = 0.4 kW
 RCAMSL = 2186 M
 N. Lat = 45 18 35
 W. Lng = 117 43 57

Protected
 60 dBu

Interfering
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
341.0	000.7500	0419.1	034.5	219.5	000.4000	1143.3	036.0	67.5
342.0	000.7500	0421.2	034.6	219.1	000.4000	1138.4	035.5	67.7
343.0	000.7500	0423.1	034.6	218.7	000.4000	1138.4	035.0	67.9
344.0	000.7500	0425.1	034.7	218.2	000.4000	1131.4	034.4	68.1
345.0	000.7500	0427.2	034.8	217.7	000.4000	1131.4	033.9	68.4
346.0	000.7500	0429.4	034.9	217.2	000.4000	1122.3	033.3	68.5
347.0	000.7500	0431.6	035.0	216.7	000.4000	1122.3	032.8	68.8
348.0	000.7500	0433.6	035.1	216.0	000.4000	1113.5	032.3	69.0
349.0	000.7500	0435.3	035.1	215.4	000.4000	1101.9	031.8	69.1
350.0	000.7500	0435.1	035.1	214.6	000.4000	1101.9	031.4	69.3
351.0	000.7500	0435.4	035.1	213.8	000.4000	1092.0	030.9	69.4
352.0	000.7500	0436.9	035.2	213.0	000.4000	1085.7	030.5	69.6
353.0	000.7500	0437.3	035.2	212.2	000.4000	1081.3	030.1	69.8
354.0	000.7500	0435.7	035.2	211.2	000.4000	1078.7	029.7	69.9
355.0	000.7500	0434.2	035.1	210.1	000.4000	1075.8	029.4	70.0
356.0	000.7500	0434.1	035.1	209.1	000.4000	1074.2	029.1	70.2
357.0	000.7500	0433.6	035.1	208.1	000.4000	1073.4	028.8	70.3
358.0	000.7500	0432.3	035.0	207.0	000.4000	1070.1	028.5	70.4
359.0	000.7500	0431.6	035.0	205.8	000.4000	1066.2	028.3	70.5
000.0	000.7500	0430.8	035.0	204.7	000.4000	1063.3	028.0	70.6
001.0	000.7500	0430.5	034.9	203.5	000.4000	1062.0	027.8	70.7
002.0	000.7500	0431.0	035.0	202.4	000.4000	1052.6	027.6	70.8
003.0	000.7500	0433.3	035.1	201.2	000.4000	1044.9	027.3	70.9
004.0	000.7500	0434.1	035.1	200.0	000.4000	1035.7	027.1	70.9
005.0	000.7500	0435.6	035.1	198.8	000.4000	1026.9	026.8	71.0
006.0	000.7500	0435.3	035.1	197.5	000.4000	1018.2	026.7	70.9
007.0	000.7500	0432.2	035.0	196.2	000.4000	1005.1	026.7	70.8
008.0	000.7500	0428.7	034.9	194.8	000.4000	0998.8	026.8	70.7
009.0	000.7500	0426.6	034.8	193.5	000.4000	0988.0	026.8	70.6
010.0	000.7500	0425.3	034.7	192.2	000.4000	0966.7	026.8	70.5
011.0	000.7500	0424.5	034.7	190.9	000.4000	0963.6	026.8	70.4
012.0	000.7500	0424.1	034.7	189.7	000.4000	0960.7	026.9	70.4
013.0	000.7500	0423.7	034.7	188.4	000.4000	0948.0	026.9	70.2
014.0	000.7500	0423.3	034.7	187.1	000.4000	0936.9	027.0	70.1
015.0	000.7500	0423.0	034.6	185.8	000.4000	0926.2	027.1	70.0
016.0	000.7500	0422.8	034.6	184.6	000.4000	0921.0	027.2	69.8

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
017.0	000.7500	0422.6	034.6	183.4	000.4000	0900.6	027.4	69.6
018.0	000.7500	0422.4	034.6	182.1	000.4000	0877.6	027.5	69.3
019.0	000.7500	0422.4	034.6	180.9	000.4000	0854.2	027.7	69.0
020.0	000.7500	0422.4	034.6	179.8	000.4000	0831.5	027.9	68.7
021.0	000.7500	0422.4	034.6	178.6	000.4000	0810.0	028.1	68.4
022.0	000.7500	0422.4	034.6	177.5	000.4000	0768.5	028.3	67.8
023.0	000.7500	0422.4	034.6	176.4	000.4000	0750.3	028.6	67.5
024.0	000.7500	0422.3	034.6	175.3	000.4000	0732.7	028.9	67.1
025.0	000.7500	0422.2	034.6	174.3	000.4000	0716.4	029.2	66.8
026.0	000.7500	0422.3	034.6	173.3	000.4000	0703.3	029.5	66.4
027.0	000.7500	0422.5	034.6	172.3	000.4000	0686.4	029.8	66.0
028.0	000.7500	0422.4	034.6	171.4	000.4000	0675.2	030.2	65.7
029.0	000.7500	0422.6	034.6	170.5	000.4000	0666.2	030.6	65.4
030.0	000.7500	0422.7	034.6	169.6	000.4000	0666.2	030.9	65.2
031.0	000.7500	0422.7	034.6	168.8	000.4000	0659.3	031.3	64.9
032.0	000.7500	0422.8	034.6	168.0	000.4000	0649.4	031.7	64.5
033.0	000.7500	0422.8	034.6	167.2	000.4000	0625.4	032.2	63.9
034.0	000.7500	0422.8	034.6	166.5	000.4000	0594.1	032.6	63.1
035.0	000.7500	0422.8	034.6	165.8	000.4000	0594.1	033.1	62.9
036.0	000.7500	0422.7	034.6	165.1	000.4000	0566.3	033.5	62.2
037.0	000.7500	0422.5	034.6	164.5	000.4000	0546.9	034.0	61.6
038.0	000.7500	0422.4	034.6	163.9	000.4000	0546.9	034.5	61.4
039.0	000.7500	0422.2	034.6	163.3	000.4000	0530.8	035.0	60.9
040.0	000.7500	0421.9	034.6	162.8	000.4000	0530.8	035.5	60.7
041.0	000.7500	0421.7	034.6	162.3	000.4000	0511.3	036.0	60.1