

KEMC-Li vvsCPRFMOVERRev

08-16-2010

NGDC 30 SEC Terrain Data

FMOver Analysis

Prop

NONE. C BNPED20090325ADI

Channel = 211A
Max ERP = 0.44 kW
RCAMSL = 2020 M
N. Lat. 45 35 51.0
W. Lng. 110 32 45.0
Protected
60 dBu

Channel = 210A
Max ERP = 0.5 kW
RCAMSL = 1767 M
N. Lat. 45 32 05.0
W. Lng. 111 09 25.0
Interfering
54 dBu

Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)	I X (km)
202.0	000.4400	0588.8	036.8	128.5	000.5000	-0531.7	043.5	34.48	
203.0	000.4400	0589.4	036.8	128.8	000.5000	-0530.0	042.9	34.64	
204.0	000.4400	0589.3	036.8	129.0	000.5000	-0527.9	042.3	34.82	
205.0	000.4400	0589.1	036.8	129.2	000.5000	-0525.5	041.7	35.00	
206.0	000.4400	0588.7	036.8	129.4	000.5000	-0522.8	041.1	35.19	
207.0	000.4400	0587.9	036.8	129.6	000.5000	-0520.3	040.4	35.39	
208.0	000.4400	0586.6	036.7	129.7	000.5000	-0518.1	039.8	35.59	
209.0	000.4400	0584.9	036.7	129.8	000.5000	-0516.4	039.2	35.79	
210.0	000.4400	0583.0	036.6	129.9	000.5000	-0515.0	038.5	36.00	
211.0	000.4400	0581.0	036.5	130.0	000.5000	-0514.0	037.9	36.22	
212.0	000.4400	0578.6	036.5	130.0	000.5000	-0513.4	037.2	36.43	
213.0	000.4400	0575.8	036.4	130.0	000.5000	-0513.6	036.6	36.66	
214.0	000.4400	0572.3	036.2	129.9	000.5000	-0514.9	035.9	36.89	
215.0	000.4400	0567.7	036.1	129.7	000.5000	-0517.5	035.3	37.12	
216.0	000.4400	0561.7	035.9	129.5	000.5000	-0521.8	034.7	37.35	
217.0	000.4400	0553.8	035.6	129.0	000.5000	-0527.3	034.0	37.59	
218.0	000.4400	0543.6	035.2	128.4	000.5000	-0532.2	033.4	37.82	
219.0	000.4400	0531.6	034.7	127.6	000.5000	-0532.9	032.8	38.05	
220.0	000.4400	0518.3	034.1	126.5	000.5000	-0528.8	032.2	38.28	
221.0	000.4400	0504.4	033.6	125.4	000.5000	-0526.5	031.7	38.50	
222.0	000.4400	0491.6	033.1	124.4	000.5000	-0526.5	031.1	38.72	
223.0	000.4400	0481.0	032.6	123.4	000.5000	-0526.0	030.6	38.94	
224.0	000.4400	0472.4	032.3	122.6	000.5000	-0523.9	030.1	39.18	
225.0	000.4400	0463.9	032.0	121.8	000.5000	-0520.9	029.6	39.41	
226.0	000.4400	0455.0	031.6	120.8	000.5000	-0518.1	029.2	39.64	
227.0	000.4400	0447.4	031.3	120.0	000.5000	-0515.0	028.7	39.88	
228.0	000.4400	0441.7	031.1	119.3	000.5000	-0511.5	028.3	40.13	
229.0	000.4400	0437.2	030.9	118.6	000.5000	-0507.1	027.8	40.39	
230.0	000.4400	0432.9	030.8	117.9	000.5000	-0499.9	027.4	40.65	
231.0	000.4400	0430.1	030.7	117.2	000.5000	-0491.1	026.9	40.92	
232.0	000.4400	0429.7	030.7	116.7	000.5000	-0482.5	026.4	41.22	
233.0	000.4400	0430.1	030.7	116.2	000.5000	-0473.6	026.0	41.53	
234.0	000.4400	0429.3	030.7	115.6	000.5000	-0461.8	025.5	41.83	
235.0	000.4400	0426.3	030.6	114.8	000.5000	-0446.8	025.1	42.10	
236.0	000.4400	0421.0	030.4	113.8	000.5000	-0430.5	024.7	42.35	
237.0	000.4400	0414.4	030.1	112.7	000.5000	-0413.9	024.4	42.56	
238.0	000.4400	0407.0	029.9	111.5	000.5000	-0398.9	024.1	42.76	
239.0	000.4400	0399.8	029.6	110.3	000.5000	-0388.3	023.9	42.94	
240.0	000.4400	0393.5	029.4	109.1	000.5000	-0379.9	023.6	43.12	
241.0	000.4400	0387.6	029.2	107.9	000.5000	-0373.2	023.3	43.30	
242.0	000.4400	0380.3	029.0	106.6	000.5000	-0360.9	023.2	43.44	
243.0	000.4400	0371.0	028.6	105.1	000.5000	-0342.0	023.0	43.52	
244.0	000.4400	0360.9	028.2	103.5	000.5000	-0324.3	023.0	43.54	
245.0	000.4400	0350.8	027.8	101.9	000.5000	-0315.2	023.0	43.54	
246.0	000.4400	0341.2	027.5	100.4	000.5000	-0315.1	023.1	43.51	
247.0	000.4400	0330.7	027.0	098.8	000.5000	-0322.5	023.2	43.44	

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248.0	000.4400	0319.6	026.6	097.3	000.5000	-0329.2	023.3	43.33
249.0	000.4400	0306.9	026.0	095.7	000.5000	-0335.7	023.5	43.16
250.0	000.4400	0290.6	025.4	094.0	000.5000	-0340.3	024.0	42.86
251.0	000.4400	0269.9	024.5	092.2	000.5000	-0312.2	024.6	42.43
252.0	000.4400	0247.1	023.5	090.5	000.5000	-0284.1	025.4	41.91
253.0	000.4400	0225.8	022.5	089.0	000.5000	-0256.4	026.2	41.38
254.0	000.4400	0206.1	021.6	087.7	000.5000	-0232.0	027.0	40.87
255.0	000.4400	0185.6	020.6	086.5	000.5000	-0210.2	027.9	40.35
256.0	000.4400	0167.7	019.6	085.4	000.5000	-0192.9	028.8	39.88
257.0	000.4400	0150.4	018.6	084.4	000.5000	-0185.8	029.8	39.35
258.0	000.4400	0134.7	017.5	083.6	000.5000	-0179.9	030.8	38.86
259.0	000.4400	0115.9	016.1	082.9	000.5000	-0177.6	032.1	38.30
260.0	000.4400	0091.6	014.2	082.2	000.5000	-0175.7	034.1	37.56
261.0	000.4400	0067.0	012.2	081.7	000.5000	-0173.4	036.0	36.86
262.0	000.4400	0046.9	010.3	081.4	000.5000	-0171.8	037.9	36.21
263.0	000.4400	0027.9	008.2	081.2	000.5000	-0170.8	040.0	35.52
264.0	000.4400	0011.7	008.2	081.0	000.5000	-0169.7	040.0	35.52
265.0	000.4400	-0000.8	008.2	080.8	000.5000	-0168.5	040.0	35.51
266.0	000.4400	-0014.4	008.2	080.6	000.5000	-0167.3	040.0	35.51
267.0	000.4400	-0033.4	008.2	080.4	000.5000	-0166.0	040.0	35.51
268.0	000.4400	-0045.2	008.2	080.2	000.5000	-0164.6	040.1	35.50
269.0	000.4400	-0050.5	008.2	080.0	000.5000	-0163.2	040.1	35.49
270.0	000.4400	-0055.8	008.2	079.8	000.5000	-0161.8	040.1	35.49
271.0	000.4400	-0061.0	008.2	079.6	000.5000	-0160.6	040.1	35.48
272.0	000.4400	-0066.6	008.2	079.4	000.5000	-0159.6	040.2	35.47
273.0	000.4400	-0057.6	008.2	079.2	000.5000	-0159.0	040.2	35.46
274.0	000.4400	-0048.0	008.2	079.0	000.5000	-0158.9	040.2	35.45
275.0	000.4400	-0039.4	008.2	078.8	000.5000	-0159.3	040.3	35.44
276.0	000.4400	-0032.2	008.2	078.6	000.5000	-0160.1	040.3	35.42
277.0	000.4400	-0008.9	008.2	078.4	000.5000	-0161.5	040.4	35.41
278.0	000.4400	0023.3	008.2	078.2	000.5000	-0163.2	040.4	35.40
279.0	000.4400	0056.2	011.3	076.3	000.5000	-0183.2	037.6	36.32
280.0	000.4400	0094.5	014.4	074.0	000.5000	-0196.3	034.8	37.28
281.0	000.4400	0132.3	017.3	071.3	000.5000	-0194.7	032.4	38.21
282.0	000.4400	0167.3	019.6	068.6	000.5000	-0176.7	030.6	38.97
283.0	000.4400	0198.1	021.2	066.3	000.5000	-0141.3	029.5	39.49
284.0	000.4400	0225.1	022.5	064.1	000.5000	-0104.2	028.7	39.91
285.0	000.4400	0250.9	023.7	062.0	000.5000	-0072.5	028.1	40.26
286.0	000.4400	0275.1	024.7	059.8	000.5000	-0037.9	027.6	40.52
287.0	000.4400	0299.0	025.7	057.7	000.5000	0008.7	027.3	40.72
288.0	000.4400	0321.3	026.6	055.6	000.5000	0042.9	027.0	43.76
289.0	000.4400	0340.0	027.4	053.7	000.5000	0069.7	027.0	47.97
290.0	000.4400	0354.3	028.0	052.1	000.5000	0091.1	027.0	50.34
291.0	000.4400	0366.9	028.5	050.6	000.5000	0106.9	027.2	51.72
292.0	000.4400	0378.8	028.9	049.3	000.5000	0117.9	027.4	52.44
293.0	000.4400	0392.8	029.4	048.0	000.5000	0127.0	027.7	52.89
294.0	000.4400	0408.2	029.9	046.5	000.5000	0135.1	027.9	53.26
295.0	000.4400	0423.0	030.4	045.2	000.5000	0141.9	028.2	53.51
296.0	000.4400	0435.7	030.9	043.9	000.5000	0147.4	028.6	53.65
297.0	000.4400	0445.6	031.3	042.9	000.5000	0151.8	029.0	53.66
298.0	000.4400	0454.0	031.6	042.0	000.5000	0155.2	029.4	53.60
299.0	000.4400	0462.3	031.9	041.2	000.5000	0157.9	029.9	53.49
300.0	000.4400	0470.1	032.2	040.4	000.5000	0159.9	030.4	53.32
301.0	000.4400	0477.1	032.5	039.7	000.5000	0161.3	030.9	53.11
302.0	000.4400	0483.2	032.7	039.1	000.5000	0162.4	031.4	52.88
303.0	000.4400	0488.0	032.9	038.6	000.5000	0163.3	032.0	52.63
304.0	000.4400	0492.1	033.1	038.3	000.5000	0164.0	032.5	52.37
305.0	000.4400	0496.4	033.2	037.9	000.5000	0164.7	033.1	52.12
306.0	000.4400	0501.1	033.4	037.5	000.5000	0165.4	033.7	51.86
307.0	000.4400	0505.6	033.6	037.2	000.5000	0166.1	034.2	51.59
308.0	000.4400	0508.3	033.7	037.0	000.5000	0166.4	034.8	51.31
309.0	000.4400	0508.6	033.7	037.0	000.5000	0166.4	035.4	51.01
310.0	000.4400	0507.0	033.7	037.1	000.5000	0166.2	036.0	50.70

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311.0	000.4400	0504.6	033.6	037.3	000.5000	0165.8	036.6	50.39	
312.0	000.4400	0502.9	033.5	037.5	000.5000	0165.4	037.2	50.09	
313.0	000.4400	0502.9	033.5	037.6	000.5000	0165.3	037.7	49.79	
314.0	000.4400	0505.1	033.6	037.5	000.5000	0165.4	038.3	49.51	
315.0	000.4400	0509.1	033.8	037.4	000.5000	0165.7	038.9	49.23	
316.0	000.4400	0514.1	034.0	037.2	000.5000	0166.0	039.5	48.96	
317.0	000.4400	0519.0	034.2	037.0	000.5000	0166.3	040.2	48.69	
318.0	000.4400	0521.9	034.3	037.0	000.5000	0166.4	040.8	48.40	
319.0	000.4400	0520.8	034.2	037.2	000.5000	0165.9	041.3	48.12	
320.0	000.4400	0517.6	034.1	037.6	000.5000	0165.3	041.9	47.83	
321.0	000.4400	0515.2	034.0	037.9	000.5000	0164.7	042.5	47.55	

08-16-2010 NGDC 30 SEC Terrain Data

NONE. C BNPED20090325ADI

Prop

Channel = 210A
 Max ERP = 0.5 kW
 RCAMSL = 1767 M
 N. Lat. 45 32 05.0
 W. Lng. 111 09 25.0
 Protected
 60 dBu

Channel = 211A
 Max ERP = 0.44 kW
 RCAMSL = 2020 M
 N. Lat. 45 35 51.0
 W. Lng. 110 32 45.0
 Interfering
 54 dBu

Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)	I X (km)
021.0	000.5000	0194.7	021.7	288.6	000.4400	0333.4	042.0	53.59	
022.0	000.5000	0193.0	021.6	288.5	000.4400	0330.8	041.6	53.68	
023.0	000.5000	0191.4	021.5	288.3	000.4400	0327.9	041.3	53.75	
024.0	000.5000	0189.8	021.4	288.2	000.4400	0324.6	040.9	53.82	
025.0	000.5000	0188.1	021.3	288.0	000.4400	0320.9	040.5	53.86	
026.0	000.5000	0186.4	021.3	287.8	000.4400	0316.6	040.2	53.90	
027.0	000.5000	0184.5	021.2	287.6	000.4400	0311.9	039.8	53.91	
028.0	000.5000	0182.7	021.1	287.3	000.4400	0306.8	039.5	53.92	
029.0	000.5000	0181.0	021.0	287.1	000.4400	0301.5	039.2	53.91	
030.0	000.5000	0179.3	020.9	286.9	000.4400	0295.9	038.8	53.90	
031.0	000.5000	0177.6	020.8	286.6	000.4400	0289.8	038.5	53.87	
032.0	000.5000	0175.8	020.7	286.3	000.4400	0283.1	038.2	53.81	
033.0	000.5000	0174.1	020.6	286.0	000.4400	0276.0	037.8	53.74	
034.0	000.5000	0172.4	020.5	285.7	000.4400	0268.6	037.5	53.64	
035.0	000.5000	0170.6	020.4	285.4	000.4400	0260.5	037.2	53.53	
036.0	000.5000	0168.5	020.3	285.0	000.4400	0251.7	036.9	53.37	
037.0	000.5000	0166.4	020.2	284.6	000.4400	0242.1	036.7	53.18	
038.0	000.5000	0164.5	020.1	284.3	000.4400	0232.0	036.4	52.94	
039.0	000.5000	0162.6	020.0	283.9	000.4400	0221.5	036.1	52.64	
040.0	000.5000	0160.8	019.8	283.5	000.4400	0210.7	035.9	52.29	
041.0	000.5000	0158.5	019.7	283.0	000.4400	0198.0	035.6	51.83	
042.0	000.5000	0155.3	019.5	282.4	000.4400	0181.7	035.4	51.19	
043.0	000.5000	0151.4	019.2	281.8	000.4400	0160.7	035.3	50.23	
044.0	000.5000	0147.1	019.0	281.1	000.4400	0136.7	035.1	48.92	
045.0	000.5000	0142.6	018.6	280.4	000.4400	0110.0	035.0	47.22	
046.0	000.5000	0137.8	018.3	279.6	000.4400	0080.5	035.0	44.50	
047.0	000.5000	0132.6	017.9	278.8	000.4400	0050.7	034.9	40.76	
048.0	000.5000	0126.8	017.5	278.0	000.4400	0023.0	035.0	36.68	
049.0	000.5000	0120.2	017.1	277.1	000.4400	-0006.6	035.1	36.65	
050.0	000.5000	0112.5	016.4	276.0	000.4400	-0031.7	035.3	36.58	
051.0	000.5000	0103.2	015.6	274.8	000.4400	-0040.9	035.6	36.44	
052.0	000.5000	0091.9	014.6	273.4	000.4400	-0053.6	036.2	36.24	

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053.0	000.5000	0078.9	013.6	272.0	000.4400	-0066.5	036.9	36.00
054.0	000.5000	0065.0	012.4	270.7	000.4400	-0059.3	037.6	35.74
055.0	000.5000	0050.9	011.1	269.3	000.4400	-0052.0	038.6	35.42
056.0	000.5000	0036.9	009.4	267.7	000.4400	-0043.5	039.9	34.98
057.0	000.5000	0021.2	008.5	266.9	000.4400	-0030.5	040.6	34.77
058.0	000.5000	0002.4	008.5	266.7	000.4400	-0026.6	040.6	34.79
059.0	000.5000	-0019.5	008.5	266.5	000.4400	-0022.9	040.5	34.81
060.0	000.5000	-0041.3	008.5	266.3	000.4400	-0019.5	040.4	34.83
061.0	000.5000	-0059.4	008.5	266.1	000.4400	-0016.3	040.4	34.85
062.0	000.5000	-0073.1	008.5	265.9	000.4400	-0013.1	040.3	34.87
063.0	000.5000	-0086.6	008.5	265.7	000.4400	-0010.1	040.2	34.89
064.0	000.5000	-0101.8	008.5	265.5	000.4400	-0007.3	040.2	34.91
065.0	000.5000	-0118.2	008.5	265.3	000.4400	-0004.8	040.1	34.92
066.0	000.5000	-0135.6	008.5	265.1	000.4400	-0002.3	040.1	34.94
067.0	000.5000	-0152.6	008.5	264.9	000.4400	0000.1	040.0	34.95
068.0	000.5000	-0168.5	008.5	264.7	000.4400	0002.5	040.0	34.97
069.0	000.5000	-0181.1	008.5	264.5	000.4400	0005.0	040.0	34.98
070.0	000.5000	-0189.0	008.5	264.3	000.4400	0007.6	039.9	34.99
071.0	000.5000	-0193.8	008.5	264.1	000.4400	0010.3	039.9	35.00
072.0	000.5000	-0196.3	008.5	263.9	000.4400	0013.2	039.9	35.01
073.0	000.5000	-0197.7	008.5	263.7	000.4400	0016.3	039.8	35.02
074.0	000.5000	-0196.4	008.5	263.5	000.4400	0019.7	039.8	35.03
075.0	000.5000	-0193.1	008.5	263.3	000.4400	0023.3	039.8	35.04
076.0	000.5000	-0186.2	008.5	263.0	000.4400	0027.1	039.8	35.04
077.0	000.5000	-0175.9	008.5	262.8	000.4400	0031.0	039.7	35.26
078.0	000.5000	-0165.1	008.5	262.6	000.4400	0035.0	039.7	36.08
079.0	000.5000	-0158.9	008.5	262.4	000.4400	0039.1	039.7	36.88
080.0	000.5000	-0163.4	008.5	262.2	000.4400	0043.2	039.7	37.64
081.0	000.5000	-0169.7	008.5	262.0	000.4400	0047.4	039.7	38.38
082.0	000.5000	-0174.7	008.5	261.8	000.4400	0051.6	039.7	39.06
083.0	000.5000	-0177.9	008.5	261.5	000.4400	0055.9	039.7	39.68
084.0	000.5000	-0182.9	008.5	261.3	000.4400	0060.2	039.7	40.24
085.0	000.5000	-0189.3	008.5	261.1	000.4400	0064.5	039.7	40.74
086.0	000.5000	-0201.9	008.5	260.9	000.4400	0069.1	039.7	41.25
087.0	000.5000	-0219.7	008.5	260.7	000.4400	0074.2	039.8	41.79
088.0	000.5000	-0237.7	008.5	260.5	000.4400	0079.4	039.8	42.34
089.0	000.5000	-0255.9	008.5	260.3	000.4400	0084.8	039.8	42.87
090.0	000.5000	-0274.2	008.5	260.1	000.4400	0090.2	039.8	43.39
091.0	000.5000	-0293.3	008.5	259.8	000.4400	0095.5	039.9	43.87
092.0	000.5000	-0308.3	008.5	259.6	000.4400	0100.9	039.9	44.32
093.0	000.5000	-0325.1	008.5	259.4	000.4400	0106.0	039.9	44.72
094.0	000.5000	-0340.6	008.5	259.2	000.4400	0110.9	040.0	45.07
095.0	000.5000	-0339.2	008.5	259.0	000.4400	0115.6	040.0	45.37
096.0	000.5000	-0334.0	008.5	258.8	000.4400	0119.9	040.0	45.63
097.0	000.5000	-0330.5	008.5	258.6	000.4400	0123.9	040.1	45.85
098.0	000.5000	-0325.7	008.5	258.4	000.4400	0127.7	040.1	46.05
099.0	000.5000	-0321.5	008.5	258.2	000.4400	0131.2	040.2	46.23
100.0	000.5000	-0316.7	008.5	258.0	000.4400	0134.5	040.2	46.39
101.0	000.5000	-0313.9	008.5	257.8	000.4400	0137.6	040.3	46.54
102.0	000.5000	-0315.3	008.5	257.6	000.4400	0140.6	040.4	46.68
103.0	000.5000	-0319.8	008.5	257.4	000.4400	0143.5	040.4	46.81
104.0	000.5000	-0329.1	008.5	257.2	000.4400	0146.5	040.5	46.94
105.0	000.5000	-0340.8	008.5	257.1	000.4400	0149.4	040.6	47.07
106.0	000.5000	-0353.8	008.5	256.9	000.4400	0152.5	040.6	47.20
107.0	000.5000	-0365.9	008.5	256.7	000.4400	0155.6	040.7	47.33
108.0	000.5000	-0373.9	008.5	256.5	000.4400	0158.8	040.8	47.46
109.0	000.5000	-0379.4	008.5	256.3	000.4400	0161.9	040.9	47.58
110.0	000.5000	-0386.2	008.5	256.2	000.4400	0164.9	040.9	47.69
111.0	000.5000	-0394.1	008.5	256.0	000.4400	0167.8	041.0	47.80
112.0	000.5000	-0404.7	008.5	255.8	000.4400	0170.7	041.1	47.90
113.0	000.5000	-0418.0	008.5	255.7	000.4400	0173.6	041.2	48.00
114.0	000.5000	-0433.0	008.5	255.5	000.4400	0176.5	041.3	48.10
115.0	000.5000	-0449.6	008.5	255.3	000.4400	0179.3	041.4	48.19

KEMC-Li vvsCPRFM0VERRev									
116.0	000.5000	-0468.8	008.5	255.2	000.4400	0182.2	041.5	48.28	
117.0	000.5000	-0487.2	008.5	255.0	000.4400	0185.0	041.6	48.36	
118.0	000.5000	-0501.4	008.5	254.9	000.4400	0187.9	041.7	48.45	
119.0	000.5000	-0510.0	008.5	254.7	000.4400	0190.8	041.8	48.54	
120.0	000.5000	-0515.0	008.5	254.6	000.4400	0193.8	041.9	48.63	
121.0	000.5000	-0518.6	008.5	254.4	000.4400	0196.7	042.0	48.72	
122.0	000.5000	-0521.8	008.5	254.3	000.4400	0199.6	042.1	48.81	
123.0	000.5000	-0525.0	008.5	254.2	000.4400	0202.4	042.2	48.90	
124.0	000.5000	-0526.5	008.5	254.0	000.4400	0205.1	042.3	48.97	
125.0	000.5000	-0526.5	008.5	253.9	000.4400	0207.7	042.5	49.04	
126.0	000.5000	-0527.0	008.5	253.8	000.4400	0210.2	042.6	49.11	
127.0	000.5000	-0530.9	008.5	253.7	000.4400	0212.5	042.7	49.17	
128.0	000.5000	-0533.3	008.5	253.6	000.4400	0214.8	042.8	49.22	
129.0	000.5000	-0527.8	008.5	253.4	000.4400	0217.0	042.9	49.27	
130.0	000.5000	-0513.3	008.5	253.3	000.4400	0219.2	043.1	49.31	
131.0	000.5000	-0496.3	008.5	253.2	000.4400	0221.2	043.2	49.35	
132.0	000.5000	-0486.5	008.5	253.1	000.4400	0223.2	043.3	49.39	
133.0	000.5000	-0489.8	008.5	253.0	000.4400	0225.2	043.4	49.41	
134.0	000.5000	-0506.5	008.5	252.9	000.4400	0227.1	043.6	49.44	
135.0	000.5000	-0530.9	008.5	252.8	000.4400	0228.9	043.7	49.46	
136.0	000.5000	-0556.2	008.5	252.8	000.4400	0230.7	043.8	49.48	
137.0	000.5000	-0577.1	008.5	252.7	000.4400	0232.5	044.0	49.49	
138.0	000.5000	-0592.9	008.5	252.6	000.4400	0234.1	044.1	49.51	
139.0	000.5000	-0608.2	008.5	252.5	000.4400	0235.8	044.2	49.51	
140.0	000.5000	-0628.5	008.5	252.4	000.4400	0237.4	044.4	49.52	