

Virtues Communications Network LLC

09-11-2011

Terrain Data: FCC NGDC 30 Sec

FMOVER Analysis

reference

Channel = 270A
Max ERP = 6 kW
RCAMSL = 951.1 M
N. Lat. 34 09 11.0
W. Lng. 116 10 07.0
Protected
60 dBu

KXSB BLH19951010KB
(^ Max Class Parameters)
Channel = 269A
Max ERP = 6 kW
RCAMSL = 2285 M
N. Lat. 34 12 47.0
W. Lng. 116 51 59.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
216.0	006.0000	-0183.5	015.8	109.3	006.0000	-0269.8	058.4	41.91	
217.0	006.0000	-0177.0	015.8	109.2	006.0000	-0270.6	058.2	41.97	
218.0	006.0000	-0171.4	015.8	109.1	006.0000	-0271.6	057.9	42.02	
219.0	006.0000	-0165.7	015.8	109.1	006.0000	-0272.7	057.6	42.08	
220.0	006.0000	-0158.3	015.8	109.0	006.0000	-0273.8	057.4	42.13	
221.0	006.0000	-0148.4	015.8	108.9	006.0000	-0275.1	057.1	42.19	
222.0	006.0000	-0136.0	015.8	108.8	006.0000	-0276.5	056.9	42.24	
223.0	006.0000	-0122.5	015.8	108.6	006.0000	-0278.1	056.6	42.29	
224.0	006.0000	-0109.7	015.8	108.5	006.0000	-0279.7	056.4	42.35	
225.0	006.0000	-0097.4	015.8	108.4	006.0000	-0281.5	056.1	42.40	
226.0	006.0000	-0085.5	015.8	108.3	006.0000	-0283.3	055.9	42.45	
227.0	006.0000	-0075.1	015.8	108.1	006.0000	-0285.3	055.6	42.50	
228.0	006.0000	-0068.2	015.8	108.0	006.0000	-0287.4	055.4	42.56	
229.0	006.0000	-0063.6	015.8	107.9	006.0000	-0289.6	055.2	42.61	
230.0	006.0000	-0058.6	015.8	107.7	006.0000	-0291.9	054.9	42.66	
231.0	005.8949	-0053.1	015.7	107.5	006.0000	-0295.5	054.7	42.70	
232.0	005.7907	-0048.3	015.6	107.3	006.0000	-0299.1	054.5	42.74	
233.0	005.6874	-0045.4	015.5	107.0	006.0000	-0303.0	054.4	42.78	
234.0	005.5850	-0043.5	015.4	106.8	006.0000	-0307.0	054.2	42.81	
235.0	005.4836	-0039.8	015.4	106.6	006.0000	-0311.2	054.0	42.85	
236.0	005.3831	-0032.8	015.3	106.3	006.0000	-0315.5	053.9	42.88	
237.0	005.2836	-0022.4	015.2	106.1	006.0000	-0320.1	053.7	42.92	
238.0	005.1849	-0010.7	015.1	105.8	006.0000	-0324.9	053.6	42.95	
239.0	005.0872	0000.0	015.1	105.6	006.0000	-0329.9	053.4	42.98	
240.0	004.9905	0008.4	015.0	105.3	006.0000	-0335.2	053.3	43.01	
241.0	004.8535	0015.6	014.9	105.0	006.0000	-0341.4	053.2	43.03	
242.0	004.7185	0022.4	014.8	104.8	006.0000	-0347.4	053.1	43.06	
243.0	004.5854	0028.3	014.7	104.5	006.0000	-0353.2	053.0	43.08	
244.0	004.4541	0033.9	015.4	104.8	006.0000	-0346.8	052.3	43.23	
245.0	004.3248	0039.1	016.5	105.3	006.0000	-0334.6	051.2	43.45	
246.0	004.1974	0044.6	017.7	105.9	006.0000	-0322.7	050.2	43.69	
247.0	004.0719	0051.5	019.0	106.6	006.0000	-0309.7	048.9	43.95	
248.0	003.9483	0058.9	020.2	107.2	006.0000	-0299.9	047.8	44.19	
249.0	003.8266	0066.2	021.1	107.6	006.0000	-0294.1	046.9	44.41	
250.0	003.7068	0075.1	022.2	108.0	006.0000	-0286.7	045.8	44.67	
251.0	003.5787	0085.1	023.3	108.6	006.0000	-0279.0	044.6	44.97	
252.0	003.4528	0095.5	024.5	109.0	006.0000	-0272.8	043.5	45.28	
253.0	003.3293	0105.5	025.4	109.4	006.0000	-0269.3	042.4	45.57	
254.0	003.2079	0114.8	026.2	109.5	006.0000	-0268.2	041.6	45.83	
255.0	003.0888	0122.6	026.7	109.3	006.0000	-0269.6	040.9	46.03	
256.0	002.9720	0130.1	027.1	109.1	006.0000	-0272.1	040.3	46.22	

257.0	002.8574	0137.4	027.5		108.8	006.0000	-0275.6	039.7	46.40
258.0	002.7451	0144.2	027.8		108.5	006.0000	-0280.3	039.2	46.58
259.0	002.6350	0150.4	028.1		108.1	006.0000	-0286.6	038.7	46.73
260.0	002.5272	0155.4	028.2		107.5	006.0000	-0294.9	038.3	46.86
261.0	002.4830	0159.0	028.4		107.0	006.0000	-0303.7	037.9	46.99
262.0	002.4392	0161.3	028.5		106.3	006.0000	-0315.0	037.7	47.08
263.0	002.3958	0162.1	028.4		105.6	006.0000	-0328.9	037.5	47.13
264.0	002.3528	0162.3	028.3		104.9	006.0000	-0345.2	037.4	47.17
265.0	002.3101	0162.1	028.2		104.1	006.0000	-0360.9	037.4	47.18
266.0	002.2679	0160.2	027.9		103.2	006.0000	-0376.0	037.5	47.15
267.0	002.2260	0158.0	027.7		102.4	006.0000	-0390.0	037.6	47.10
268.0	002.1845	0155.7	027.4		101.6	006.0000	-0400.9	037.8	47.04
269.0	002.1435	0154.4	027.1		100.8	006.0000	-0406.8	037.9	47.01
270.0	002.1028	0153.9	027.0		100.0	006.0000	-0408.1	037.9	46.99
271.0	002.0590	0153.5	026.8		099.3	006.0000	-0407.1	038.0	46.96
272.0	002.0156	0153.2	026.7		098.6	006.0000	-0402.3	038.1	46.93
273.0	001.9727	0154.6	026.7		097.9	006.0000	-0393.8	038.1	46.94
274.0	001.9303	0156.0	026.6		097.2	006.0000	-0381.4	038.1	46.95
275.0	001.8883	0157.6	026.6		096.5	006.0000	-0364.8	038.0	46.95
276.0	001.8468	0157.8	026.5		095.8	006.0000	-0347.7	038.1	46.92
277.0	001.8058	0153.2	026.0		095.1	006.0000	-0332.3	038.6	46.75
278.0	001.7652	0148.3	025.5		094.4	006.0000	-0317.4	039.2	46.58
279.0	001.7251	0143.4	025.0		093.9	006.0000	-0303.9	039.7	46.41
280.0	001.6854	0145.5	025.1		093.2	006.0000	-0288.3	039.7	46.41
281.0	001.6683	0150.2	025.4		092.5	006.0000	-0269.0	039.5	46.48
282.0	001.6512	0155.0	025.7		091.8	006.0000	-0248.9	039.2	46.56
283.0	001.6343	0158.0	025.8		091.1	006.0000	-0229.0	039.2	46.58
284.0	001.6174	0158.7	025.8		090.5	006.0000	-0210.5	039.3	46.55
285.0	001.6006	0158.8	025.8		089.9	006.0000	-0192.6	039.4	46.50
286.0	001.5839	0158.6	025.7		089.3	006.0000	-0175.5	039.6	46.43
287.0	001.5673	0157.9	025.6		088.7	006.0000	-0159.1	039.9	46.36
288.0	001.5508	0156.9	025.4		088.1	006.0000	-0144.3	040.1	46.27
289.0	001.5344	0156.0	025.3		087.6	006.0000	-0132.1	040.4	46.19
290.0	001.5181	0155.5	025.2		087.1	006.0000	-0121.5	040.6	46.11
291.0	001.4654	0155.4	025.0		086.6	006.0000	-0111.9	041.0	46.00
292.0	001.4137	0155.7	024.8		086.2	006.0000	-0101.9	041.3	45.90
293.0	001.3629	0155.8	024.6		085.8	006.0000	-0092.6	041.7	45.79
294.0	001.3130	0155.8	024.4		085.4	006.0000	-0084.1	042.1	45.67
295.0	001.2641	0155.6	024.2		085.0	006.0000	-0076.5	042.5	45.56
296.0	001.2161	0155.3	024.0		084.7	006.0000	-0069.5	042.9	45.44
297.0	001.1690	0155.2	023.8		084.4	006.0000	-0062.7	043.3	45.33
298.0	001.1229	0155.0	023.5		084.1	006.0000	-0056.3	043.7	45.21
299.0	001.0776	0154.9	023.3		083.8	006.0000	-0050.4	044.1	45.10
300.0	001.0333	0154.7	023.1		083.5	006.0000	-0045.1	044.6	44.99
301.0	001.0373	0154.5	023.1		083.1	006.0000	-0036.7	044.8	44.93
302.0	001.0413	0154.1	023.1		082.7	006.0000	-0028.8	045.1	44.86
303.0	001.0453	0153.8	023.1		082.3	006.0000	-0021.5	045.3	44.79
304.0	001.0493	0153.5	023.1		081.9	006.0000	-0014.7	045.6	44.73
305.0	001.0534	0153.3	023.1		081.6	006.0000	-0008.3	045.8	44.66
306.0	001.0574	0153.5	023.1		081.2	006.0000	-0002.8	046.1	44.60
307.0	001.0614	0153.9	023.2		080.8	006.0000	0002.1	046.3	44.54
308.0	001.0655	0154.4	023.2		080.4	006.0000	0006.6	046.6	44.48
309.0	001.0695	0154.7	023.3		080.0	006.0000	0010.8	046.9	44.41
310.0	001.0736	0154.4	023.3		079.7	006.0000	0014.7	047.2	44.34
311.0	001.0781	0153.4	023.2		079.4	006.0000	0018.0	047.5	44.26
312.0	001.0827	0151.7	023.1		079.2	006.0000	0020.6	047.9	44.18
313.0	001.0873	0149.4	023.0		079.0	006.0000	0022.7	048.3	44.09
314.0	001.0919	0147.2	022.8		078.9	006.0000	0024.7	048.7	44.00
315.0	001.0965	0145.5	022.8		078.7	006.0000	0027.2	049.1	43.92

316.0	001.1012	0145.0	022.7		078.5	006.0000	0030.7	049.4	43.97
317.0	001.1058	0145.7	022.8		078.2	006.0000	0035.4	049.7	44.71
318.0	001.1104	0147.6	023.0		077.8	006.0000	0041.1	050.0	45.57
319.0	001.1151	0150.4	023.2		077.3	006.0000	0047.4	050.2	46.42
320.0	001.1197	0153.6	023.4		076.9	006.0000	0054.0	050.5	47.22
321.0	001.1722	0157.1	023.9		076.2	006.0000	0064.6	050.6	48.30
322.0	001.2258	0160.7	024.4		075.5	006.0000	0075.5	050.8	49.26
323.0	001.2807	0164.1	024.9		074.8	006.0000	0085.8	051.0	50.09
324.0	001.3367	0167.3	025.3		074.1	006.0000	0095.1	051.3	50.75
325.0	001.3939	0170.3	025.8		073.5	006.0000	0103.1	051.5	51.24
326.0	001.4524	0173.0	026.2		072.9	006.0000	0110.7	051.8	51.63
327.0	001.5120	0175.6	026.6		072.3	006.0000	0117.9	052.2	51.94
328.0	001.5729	0178.0	027.0		071.8	006.0000	0124.8	052.5	52.19
329.0	001.6349	0180.1	027.4		071.2	006.0000	0131.6	052.9	52.40
330.0	001.6981	0182.0	027.7		070.7	006.0000	0138.1	053.3	52.60
331.0	001.7593	0183.7	028.1		070.3	006.0000	0143.9	053.7	52.75
332.0	001.8216	0185.4	028.4		069.9	006.0000	0148.9	054.1	52.84
333.0	001.8850	0187.0	028.7		069.4	006.0000	0153.2	054.6	52.90
334.0	001.9494	0188.9	029.1		069.0	006.0000	0157.1	055.1	52.92
335.0	002.0149	0191.0	029.5		068.6	006.0000	0160.6	055.5	52.92

09-11-2011 Terrain Data: FCC NGDC 30 Sec FMOver Analysis

KXSB BLH19951010KB
(^ Max Class Parameters)
Channel = 269A
Max ERP = 6 kW
RCAMSL = 2285 M
N. Lat. 34 12 47.0
W. Lng. 116 51 59.0
Protected
60 dBu

reference
Channel = 270A
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RCAMSL = 951.1 M
N. Lat. 34 09 11.0
W. Lng. 116 10 07.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
036.0	006.0000	0345.3	048.3		322.1	001.2329	0161.1	058.1	45.11	
037.0	006.0000	0347.9	048.5		322.6	001.2559	0162.6	057.3	45.56	
038.0	006.0000	0348.4	048.5		322.8	001.2696	0163.4	056.5	45.95	
039.0	006.0000	0346.7	048.4		322.9	001.2753	0163.8	055.7	46.31	
040.0	006.0000	0341.7	048.1		322.8	001.2685	0163.4	054.8	46.60	
041.0	006.0000	0333.5	047.6		322.4	001.2490	0162.2	053.8	46.82	
042.0	006.0000	0322.2	046.8		321.8	001.2167	0160.1	052.9	46.96	
043.0	006.0000	0309.0	046.0		321.1	001.1763	0157.4	052.0	47.03	
044.0	006.0000	0294.0	045.1		320.2	001.1285	0154.1	051.1	47.04	
045.0	006.0000	0278.5	044.1		319.1	001.1158	0150.8	050.2	47.15	
046.0	006.0000	0263.6	043.2		318.1	001.1109	0147.9	049.4	47.29	
047.0	006.0000	0250.4	042.3		317.1	001.1064	0145.9	048.7	47.46	
048.0	006.0000	0238.3	041.6		316.2	001.1021	0145.0	048.0	47.68	
049.0	006.0000	0227.6	040.9		315.3	001.0979	0145.3	047.3	47.94	
050.0	006.0000	0219.4	040.3		314.5	001.0943	0146.2	046.6	48.24	
051.0	006.0000	0215.0	040.0		314.0	001.0920	0147.1	046.0	48.54	
052.0	006.0000	0212.8	039.8		313.7	001.0905	0147.8	045.3	48.85	
053.0	006.0000	0211.4	039.7		313.4	001.0893	0148.4	044.6	49.15	
054.0	006.0000	0210.1	039.6		313.1	001.0879	0149.1	044.0	49.46	

055.0	006.0000	0210.7	039.6		313.0	001.0874	0149.4	043.3	49.77
056.0	006.0000	0213.5	039.9		313.1	001.0876	0149.2	042.6	50.08
057.0	006.0000	0214.9	040.0		313.0	001.0872	0149.4	041.9	50.40
058.0	006.0000	0212.0	039.7		312.4	001.0848	0150.7	041.2	50.74
059.0	006.0000	0205.6	039.3		311.5	001.0805	0152.6	040.7	51.06
060.0	006.0000	0199.6	038.8		310.6	001.0762	0153.9	040.2	51.34
061.0	006.0000	0196.5	038.6		309.9	001.0732	0154.5	039.7	51.61
062.0	006.0000	0195.6	038.5		309.4	001.0713	0154.7	039.1	51.89
063.0	006.0000	0194.7	038.4		308.9	001.0693	0154.7	038.5	52.16
064.0	006.0000	0192.2	038.2		308.3	001.0665	0154.5	038.0	52.39
065.0	006.0000	0187.6	037.8		307.3	001.0626	0154.1	037.6	52.56
066.0	006.0000	0180.7	037.3		306.0	001.0575	0153.5	037.3	52.64
067.0	006.0000	0172.7	036.5		304.5	001.0515	0153.4	037.1	52.69
068.0	006.0000	0165.0	035.7		303.0	001.0453	0153.8	037.0	52.73
069.0	006.0000	0157.2	034.9		301.4	001.0388	0154.4	037.0	52.73
070.0	006.0000	0147.4	033.8		299.5	001.0573	0154.8	037.3	52.72
071.0	006.0000	0134.8	032.3		297.2	001.1585	0155.1	037.8	52.86
072.0	006.0000	0121.8	030.9		295.1	001.2577	0155.5	038.5	52.93
073.0	006.0000	0109.2	029.5		293.1	001.3561	0155.8	039.2	52.93
074.0	006.0000	0096.6	027.8		291.1	001.4605	0155.4	040.2	52.77
075.0	006.0000	0082.4	025.8		288.9	001.5356	0156.1	041.6	52.39
076.0	006.0000	0067.1	023.5		286.8	001.5709	0158.1	043.3	51.83
077.0	006.0000	0052.1	021.0		284.7	001.6048	0158.8	045.3	51.09
078.0	006.0000	0037.8	017.7		282.6	001.6407	0157.4	048.1	49.99
079.0	006.0000	0023.3	015.8		281.4	001.6617	0152.1	049.8	49.11
080.0	006.0000	0010.8	015.8		281.1	001.6667	0150.6	049.7	49.09
081.0	006.0000	-0000.7	015.8		280.8	001.6719	0149.2	049.6	49.06
082.0	006.0000	-0015.7	015.8		280.5	001.6770	0147.7	049.5	49.03
083.0	006.0000	-0034.3	015.8		280.2	001.6823	0146.3	049.4	49.00
084.0	006.0000	-0054.9	015.8		279.9	001.6903	0144.9	049.4	48.98
085.0	006.0000	-0076.2	015.8		279.6	001.7026	0143.7	049.3	48.98
086.0	006.0000	-0097.8	015.8		279.3	001.7150	0143.1	049.2	49.00
087.0	006.0000	-0119.8	015.8		278.9	001.7275	0143.6	049.2	49.08
088.0	006.0000	-0140.7	015.8		278.6	001.7402	0145.1	049.1	49.21
089.0	006.0000	-0168.0	015.8		278.3	001.7529	0146.7	049.1	49.35
090.0	006.0000	-0196.6	015.8		278.0	001.7658	0148.3	049.0	49.48
091.0	006.0000	-0225.3	015.8		277.7	001.7787	0149.9	049.0	49.61
092.0	006.0000	-0254.4	015.8		277.3	001.7918	0151.5	049.0	49.73
093.0	006.0000	-0282.3	015.8		277.0	001.8049	0153.1	048.9	49.85
094.0	006.0000	-0307.1	015.8		276.7	001.8181	0154.7	048.9	49.97
095.0	006.0000	-0330.5	015.8		276.4	001.8314	0156.2	048.9	50.08
096.0	006.0000	-0353.6	015.8		276.1	001.8447	0157.6	048.9	50.19
097.0	006.0000	-0377.9	015.8		275.7	001.8581	0158.5	048.9	50.26
098.0	006.0000	-0395.7	015.8		275.4	001.8715	0158.3	048.9	50.27
099.0	006.0000	-0405.7	015.8		275.1	001.8849	0157.7	049.0	50.27
100.0	006.0000	-0408.1	015.8		274.8	001.8984	0157.2	049.0	50.26
101.0	006.0000	-0405.6	015.8		274.4	001.9118	0156.6	049.0	50.26
102.0	006.0000	-0395.8	015.8		274.1	001.9253	0156.2	049.0	50.25
103.0	006.0000	-0379.9	015.8		273.8	001.9387	0155.7	049.1	50.24
104.0	006.0000	-0362.3	015.8		273.5	001.9522	0155.3	049.1	50.23
105.0	006.0000	-0342.1	015.8		273.2	001.9656	0154.8	049.2	50.22
106.0	006.0000	-0321.4	015.8		272.9	001.9790	0154.4	049.3	50.20
107.0	006.0000	-0303.4	015.8		272.5	001.9923	0153.8	049.3	50.17
108.0	006.0000	-0287.5	015.8		272.2	002.0056	0153.2	049.4	50.14
109.0	006.0000	-0273.3	015.8		271.9	002.0188	0153.2	049.5	50.14
110.0	006.0000	-0263.6	015.8		271.6	002.0319	0153.3	049.6	50.14
111.0	006.0000	-0258.1	015.8		271.3	002.0450	0153.4	049.7	50.14
112.0	006.0000	-0254.4	015.8		271.0	002.0579	0153.5	049.7	50.13
113.0	006.0000	-0246.9	015.8		270.7	002.0708	0153.6	049.8	50.12

114.0	006.0000	-0230.3	015.8		270.4	002.0835	0153.7	050.0	50.12
115.0	006.0000	-0205.0	015.8		270.1	002.0962	0153.9	050.1	50.10
116.0	006.0000	-0175.1	015.8		269.9	002.1082	0154.0	050.2	50.09
117.0	006.0000	-0145.9	015.8		269.6	002.1196	0154.1	050.3	50.07
118.0	006.0000	-0121.1	015.8		269.3	002.1309	0154.2	050.4	50.05
119.0	006.0000	-0100.9	015.8		269.0	002.1420	0154.4	050.6	50.02
120.0	006.0000	-0085.0	015.8		268.8	002.1529	0154.5	050.7	50.00
121.0	006.0000	-0069.6	015.8		268.5	002.1638	0154.6	050.9	49.97
122.0	006.0000	-0053.1	015.8		268.2	002.1744	0155.1	051.0	49.96
123.0	006.0000	-0034.7	015.8		268.0	002.1849	0155.7	051.2	49.95
124.0	006.0000	-0014.5	015.8		267.7	002.1953	0156.3	051.3	49.94
125.0	006.0000	0004.4	015.8		267.5	002.2054	0156.9	051.5	49.92
126.0	006.0000	0021.2	015.8		267.3	002.2154	0157.5	051.7	49.91
127.0	006.0000	0034.7	016.9		266.2	002.2613	0159.9	051.0	50.40
128.0	006.0000	0043.3	019.1		264.2	002.3428	0162.4	049.6	51.20
129.0	006.0000	0046.7	019.9		263.3	002.3824	0162.2	049.3	51.39
130.0	006.0000	0045.9	019.7		263.2	002.3878	0162.2	049.7	51.25
131.0	006.0000	0042.0	018.8		263.7	002.3655	0162.3	050.5	50.88
132.0	006.0000	0036.2	017.3		264.6	002.3251	0162.3	051.7	50.35
133.0	006.0000	0031.8	016.2		265.3	002.2954	0161.5	052.7	49.88
134.0	006.0000	0030.7	015.9		265.4	002.2938	0161.4	053.1	49.71
135.0	006.0000	0032.4	016.4		264.8	002.3181	0162.2	053.0	49.83
136.0	006.0000	0035.0	017.0		264.1	002.3505	0162.3	052.8	49.97
137.0	006.0000	0035.1	017.0		263.8	002.3592	0162.3	053.1	49.89
138.0	006.0000	0028.5	015.8		264.8	002.3196	0162.3	054.1	49.43
139.0	006.0000	0015.4	015.8		264.6	002.3269	0162.3	054.3	49.37
140.0	006.0000	-0003.3	015.8		264.4	002.3339	0162.4	054.5	49.29
141.0	006.0000	-0026.2	015.8		264.3	002.3408	0162.4	054.7	49.22
142.0	006.0000	-0052.6	015.8		264.1	002.3474	0162.3	055.0	49.14
143.0	006.0000	-0077.9	015.8		264.0	002.3537	0162.3	055.2	49.07
144.0	006.0000	-0099.6	015.8		263.8	002.3599	0162.3	055.4	48.99
145.0	006.0000	-0119.1	015.8		263.7	002.3658	0162.3	055.7	48.91
146.0	006.0000	-0138.9	015.8		263.6	002.3715	0162.3	055.9	48.82
147.0	006.0000	-0154.1	015.8		263.4	002.3770	0162.3	056.2	48.74
148.0	006.0000	-0161.2	015.8		263.3	002.3822	0162.2	056.4	48.65
149.0	006.0000	-0163.3	015.8		263.2	002.3872	0162.2	056.7	48.57
150.0	006.0000	-0166.3	015.8		263.1	002.3919	0162.1	056.9	48.48
151.0	006.0000	-0172.0	015.8		263.0	002.3965	0162.1	057.2	48.39
152.0	006.0000	-0180.1	015.8		262.9	002.4008	0162.0	057.4	48.30
153.0	006.0000	-0190.2	015.8		262.8	002.4048	0161.9	057.7	48.20
154.0	006.0000	-0203.1	015.8		262.7	002.4087	0161.9	058.0	48.11
155.0	006.0000	-0215.6	015.8		262.6	002.4123	0161.8	058.2	48.02

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