

11-08-2021

Terrain Data: GLOBE 30 Sec

FMOver Analysis

NEW!

KWVI BLED20060417AFI

Channel = 205C3
 Max ERP = 3.1 kW
 RCAMSL = 444.8 m
 N. Lat. 42 36 18.00
 W. Lng. 90 47 57.00
 Protected
 60 dBu

Channel = 205C3
 Max ERP = 20 kW
 RCAMSL = 400 m
 N. Lat. 42 47 20.90
 W. Lng. 92 14 22.60
 Interfering
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
220.0	003.1000	0154.1	029.5	113.1	009.4358	0085.6	108.0	36.35	
221.0	003.1000	0154.9	029.5	113.1	009.4255	0085.5	107.5	36.45	
222.0	003.1000	0155.6	029.6	113.0	009.4130	0085.5	106.9	36.54	
223.0	003.1000	0155.8	029.6	112.9	009.3915	0085.5	106.5	36.63	
224.0	003.1000	0155.3	029.6	112.8	009.3602	0085.5	106.0	36.71	
225.0	003.1000	0154.5	029.5	112.7	009.3226	0085.5	105.5	36.78	
226.0	003.1000	0153.6	029.4	112.5	009.2833	0085.5	105.1	36.85	
227.0	003.1000	0152.7	029.3	112.4	009.2426	0085.4	104.6	36.92	
228.0	003.1000	0152.3	029.3	112.2	009.2060	0085.4	104.2	36.99	
229.0	003.1000	0152.6	029.3	112.1	009.1769	0085.4	103.7	37.08	
230.0	003.1000	0154.1	029.5	112.1	009.1607	0085.4	103.2	37.18	
231.0	003.1000	0156.3	029.7	112.0	009.1518	0085.4	102.6	37.29	
232.0	003.1000	0158.4	029.9	112.0	009.1395	0085.4	102.1	37.40	
233.0	003.1000	0159.9	030.0	111.9	009.1178	0085.4	101.6	37.50	
234.0	003.1000	0161.0	030.1	111.8	009.0898	0085.4	101.1	37.59	
235.0	003.1000	0161.8	030.2	111.7	009.0574	0085.4	100.6	37.68	
236.0	003.1000	0162.2	030.2	111.5	009.0177	0085.3	100.1	37.76	
237.0	003.1000	0161.9	030.2	111.4	008.9691	0085.3	099.7	37.83	
238.0	003.1000	0161.0	030.1	111.2	008.9126	0085.3	099.3	37.89	
239.0	003.1000	0160.0	030.0	110.9	008.8547	0085.3	099.0	37.94	
240.0	003.1000	0158.6	029.9	110.7	008.7969	0085.3	098.6	37.98	
241.0	003.1000	0156.5	029.7	110.4	008.7311	0085.2	098.3	38.01	
242.0	003.1000	0154.7	029.5	110.1	008.6677	0085.2	098.0	38.05	
243.0	003.1000	0154.1	029.5	109.9	008.6432	0085.2	097.7	38.11	
244.0	003.1000	0154.4	029.5	109.7	008.6687	0085.2	097.3	38.22	
245.0	003.1000	0154.3	029.5	109.5	008.6971	0085.1	096.9	38.31	
246.0	003.1000	0152.0	029.3	109.2	008.7364	0085.1	096.7	38.38	
247.0	003.1000	0147.6	028.9	108.8	008.7824	0085.0	096.7	38.41	
248.0	003.1000	0142.5	028.4	108.4	008.8246	0084.8	096.7	38.43	
249.0	003.1000	0138.7	028.1	108.1	008.8620	0084.7	096.6	38.46	
250.0	003.1000	0136.8	027.9	107.8	008.8981	0084.6	096.4	38.52	
251.0	003.1000	0136.7	027.9	107.6	008.9290	0084.5	096.1	38.60	
252.0	003.1000	0137.6	028.0	107.4	008.9564	0084.5	095.8	38.69	
253.0	003.1000	0138.4	028.1	107.1	008.9850	0084.4	095.4	38.78	
254.0	003.1000	0139.5	028.2	106.9	009.0114	0084.4	095.1	38.88	
255.0	003.1000	0140.4	028.2	106.7	009.0353	0084.3	094.7	38.97	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
256.0	003.1000	0141.6	028.4	106.5	009.0589	0084.3	094.4	39.07
257.0	003.1000	0143.0	028.5	106.3	009.0829	0084.3	094.0	39.16
258.0	003.1000	0143.9	028.6	106.0	009.1088	0084.2	093.7	39.25
259.0	003.1000	0144.5	028.6	105.8	009.1420	0084.2	093.4	39.34
260.0	003.1000	0145.0	028.7	105.5	009.1772	0084.2	093.1	39.42
261.0	003.1000	0145.0	028.7	105.2	009.2149	0084.1	092.9	39.49
262.0	003.1000	0144.9	028.6	105.0	009.2534	0084.1	092.7	39.56
263.0	003.1000	0144.9	028.6	104.7	009.2921	0084.0	092.5	39.62
264.0	003.1000	0144.6	028.6	104.4	009.3320	0083.9	092.4	39.68
265.0	003.1000	0143.8	028.5	104.1	009.3738	0083.8	092.3	39.72
266.0	003.1000	0143.0	028.5	103.8	009.4095	0083.8	092.2	39.76
267.0	003.1000	0142.9	028.5	103.5	009.4421	0083.7	092.0	39.81
268.0	003.1000	0142.9	028.5	103.2	009.4746	0083.7	091.9	39.86
269.0	003.1000	0143.0	028.5	102.9	009.5106	0083.7	091.7	39.91
270.0	003.1000	0142.6	028.4	102.6	009.5530	0083.7	091.6	39.95
271.0	003.0138	0141.5	028.2	102.2	009.5998	0083.7	091.8	39.93
272.0	002.9288	0140.5	027.9	101.9	009.6433	0083.7	092.0	39.91
273.0	002.8451	0139.5	027.6	101.6	009.6796	0083.6	092.1	39.88
274.0	002.7625	0138.8	027.4	101.3	009.7150	0083.6	092.3	39.85
275.0	002.6812	0138.3	027.2	100.9	009.7511	0083.6	092.5	39.83
276.0	002.6011	0137.5	026.9	100.6	009.7940	0083.5	092.6	39.80
277.0	002.5222	0136.7	026.7	100.3	009.8362	0083.4	092.9	39.76
278.0	002.4445	0135.5	026.4	100.0	009.8778	0083.3	093.1	39.71
279.0	002.3680	0136.1	026.3	099.8	009.9993	0083.2	093.2	39.73
280.0	002.2928	0138.3	026.2	099.5	010.1352	0083.2	093.2	39.79
281.0	002.1994	0140.4	026.2	099.2	010.2717	0083.2	093.3	39.83
282.0	002.1079	0142.2	026.1	098.9	010.4076	0083.1	093.4	39.85
283.0	002.0184	0143.1	025.9	098.6	010.5416	0083.1	093.6	39.86
284.0	001.9308	0143.0	025.6	098.4	010.6718	0083.1	093.9	39.84
285.0	001.8452	0143.1	025.4	098.1	010.7995	0083.0	094.2	39.82
286.0	001.7615	0144.4	025.2	097.9	010.9276	0083.0	094.4	39.82
287.0	001.6797	0146.3	025.1	097.6	011.0556	0083.0	094.6	39.82
288.0	001.5999	0148.3	025.0	097.4	011.1823	0082.9	094.8	39.83
289.0	001.5220	0150.8	024.9	097.1	011.3091	0082.9	094.9	39.83
290.0	001.4461	0153.1	024.8	096.9	011.4332	0082.8	095.1	39.83
291.0	001.4208	0156.0	024.9	096.6	011.5723	0082.8	095.1	39.88
292.0	001.3957	0158.2	024.9	096.3	011.7085	0082.7	095.2	39.92
293.0	001.3709	0159.8	025.0	096.1	011.8417	0082.7	095.3	39.94
294.0	001.3463	0160.8	024.9	095.8	011.9705	0082.6	095.4	39.95
295.0	001.3219	0161.5	024.9	095.6	012.0962	0082.5	095.6	39.95
296.0	001.2977	0162.3	024.8	095.4	012.2219	0082.4	095.8	39.95
297.0	001.2737	0162.7	024.8	095.1	012.3423	0082.3	096.0	39.93
298.0	001.2500	0162.7	024.7	094.9	012.4586	0082.3	096.3	39.91
299.0	001.2265	0162.9	024.6	094.7	012.5743	0082.2	096.5	39.89
300.0	001.2032	0164.1	024.5	094.5	012.6961	0082.1	096.7	39.88
301.0	001.1649	0166.4	024.5	094.3	012.8176	0082.0	096.9	39.87
302.0	001.1235	0170.1	024.6	094.0	012.9469	0081.8	097.1	39.88
303.0	001.0864	0174.9	024.7	093.8	013.0884	0081.7	097.2	39.90
304.0	001.0464	0180.7	024.8	093.5	013.2336	0081.6	097.2	39.92
305.0	001.0107	0186.8	025.0	093.2	013.3817	0081.5	097.3	39.94
306.0	000.9722	0192.5	025.1	093.0	013.5236	0081.3	097.5	39.96

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
307.0	000.9343	0197.2	025.1	092.8	013.6537	0081.2	097.7	39.95
308.0	000.9006	0200.9	025.1	092.5	013.7752	0081.1	097.9	39.93
309.0	000.8675	0203.7	025.1	092.3	013.8840	0081.1	098.2	39.89
310.0	000.8318	0205.9	025.0	092.2	013.9785	0081.0	098.5	39.84
311.0	000.8642	0207.9	025.3	091.9	014.1601	0080.9	098.5	39.89
312.0	000.8973	0209.0	025.6	091.6	014.3347	0080.7	098.6	39.93
313.0	000.9309	0208.8	025.8	091.3	014.4933	0080.6	098.7	39.94
314.0	000.9652	0207.2	025.9	091.0	014.6327	0080.5	098.9	39.93
315.0	001.0001	0204.6	026.0	090.8	014.7575	0080.4	099.2	39.91
316.0	001.0357	0202.3	026.0	090.6	014.8829	0080.3	099.5	39.88
317.0	001.0718	0200.5	026.1	090.4	015.0149	0080.1	099.7	39.86
318.0	001.1086	0199.1	026.2	090.2	015.1491	0080.0	100.0	39.84
319.0	001.1460	0198.3	026.4	089.9	015.2796	0079.9	100.2	39.82
320.0	001.1840	0198.4	026.6	089.7	015.3985	0079.7	100.4	39.80
321.0	001.2382	0199.6	026.9	089.3	015.5448	0079.5	100.6	39.80
322.0	001.2977	0200.8	027.3	089.0	015.6967	0079.3	100.7	39.81
323.0	001.3586	0201.3	027.6	088.7	015.8282	0079.2	100.9	39.80
324.0	001.4250	0201.2	027.9	088.4	015.9559	0079.0	101.1	39.78
325.0	001.4888	0200.8	028.2	088.1	016.0738	0078.8	101.4	39.75
326.0	001.5627	0200.3	028.4	087.8	016.2024	0078.7	101.6	39.72
327.0	001.6339	0199.5	028.7	087.6	016.3260	0078.5	101.9	39.69
328.0	001.7114	0199.1	028.9	087.3	016.4560	0078.4	102.2	39.66
329.0	001.7906	0198.9	029.2	087.0	016.5894	0078.2	102.5	39.63
330.0	001.8764	0199.2	029.6	086.7	016.7339	0078.1	102.8	39.60
331.0	001.9691	0199.7	030.0	086.4	016.8848	0078.0	103.1	39.58
332.0	002.0692	0199.5	030.3	086.1	017.0265	0077.9	103.4	39.54
333.0	002.1666	0199.1	030.6	085.8	017.1573	0077.8	103.8	39.50
334.0	002.2715	0198.7	030.9	085.6	017.2914	0077.7	104.2	39.46
335.0	002.3734	0198.7	031.2	085.3	017.4274	0077.7	104.5	39.41
336.0	002.4776	0199.7	031.7	085.0	017.5806	0077.6	104.9	39.38
337.0	002.5897	0201.8	032.2	084.6	017.7468	0077.6	105.3	39.35
338.0	002.6985	0203.6	032.7	084.2	017.9028	0077.6	105.7	39.31
339.0	002.8154	0204.8	033.1	083.9	018.0491	0077.6	106.1	39.26

11-08-2021

Terrain Data: GLOBE 30 Sec

FMOver Analysis

KWVI BLED20060417AFI

NEW!

Channel = 205C3

Max ERP = 20 kW

RCAMSL = 400 m

N. Lat. 42 47 20.90

W. Lng. 92 14 22.60

Protected

60 dBu

Channel = 205C3

Max ERP = 3.1 kW

RCAMSL = 444.8 m

N. Lat. 42 36 18.00

W. Lng. 90 47 57.00

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
039.0	016.6714	0069.5	030.1	294.4	001.3362	0161.0	107.8	30.45	
040.0	016.5984	0069.4	030.1	294.3	001.3388	0161.0	107.3	30.56	
041.0	016.8178	0069.3	030.1	294.3	001.3401	0160.9	106.8	30.68	
042.0	017.0017	0068.9	030.1	294.2	001.3422	0160.9	106.3	30.80	
043.0	017.2237	0068.4	030.1	294.1	001.3446	0160.8	105.8	30.92	
044.0	017.4471	0067.7	030.1	293.9	001.3475	0160.8	105.3	31.04	
045.0	017.6344	0067.3	030.1	293.8	001.3503	0160.7	104.8	31.16	
046.0	017.8605	0067.3	030.2	293.8	001.3518	0160.7	104.3	31.29	
047.0	018.0880	0067.9	030.4	293.8	001.3523	0160.7	103.8	31.43	
048.0	018.3170	0068.4	030.6	293.7	001.3528	0160.7	103.2	31.57	
049.0	018.5089	0069.1	030.8	293.7	001.3535	0160.6	102.6	31.71	
050.0	018.7405	0070.0	031.1	293.7	001.3533	0160.6	102.0	31.86	
051.0	018.7405	0071.2	031.3	293.7	001.3538	0160.6	101.4	32.01	
052.0	018.7405	0072.2	031.5	293.6	001.3550	0160.6	100.8	32.16	
053.0	018.7792	0072.9	031.7	293.6	001.3570	0160.5	100.3	32.31	
054.0	018.7792	0073.1	031.7	293.4	001.3604	0160.4	099.8	32.45	
055.0	018.7792	0073.1	031.7	293.3	001.3647	0160.2	099.3	32.57	
056.0	018.7792	0072.8	031.6	293.0	001.3697	0159.9	098.9	32.69	
057.0	018.7792	0072.6	031.6	292.8	001.3748	0159.6	098.5	32.81	
058.0	018.8180	0072.5	031.6	292.7	001.3794	0159.3	098.0	32.94	
059.0	018.8180	0072.6	031.6	292.5	001.3840	0159.0	097.6	33.06	
060.0	018.8180	0072.9	031.7	292.3	001.3883	0158.7	097.1	33.19	
061.0	018.9346	0073.4	031.8	292.2	001.3916	0158.5	096.6	33.34	
062.0	019.0515	0074.3	032.1	292.1	001.3943	0158.3	096.0	33.51	
063.0	019.1688	0075.0	032.3	291.9	001.3976	0158.0	095.4	33.66	
064.0	019.2865	0075.3	032.4	291.7	001.4021	0157.7	094.9	33.80	
065.0	019.4045	0075.4	032.4	291.5	001.4074	0157.3	094.5	33.92	
066.0	019.5229	0075.6	032.5	291.3	001.4125	0156.8	094.0	34.06	
067.0	019.6416	0075.9	032.6	291.1	001.4177	0156.3	093.6	34.18	
068.0	019.7607	0075.9	032.7	290.9	001.4236	0155.7	093.1	34.30	
069.0	019.8802	0075.6	032.7	290.6	001.4305	0154.8	092.8	34.39	
070.0	020.0000	0075.3	032.7	290.3	001.4374	0154.0	092.4	34.48	
071.0	020.0000	0075.3	032.6	290.1	001.4446	0153.2	092.1	34.57	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
072.0	020.0000	0075.4	032.7	289.8	001.4621	0152.6	091.7	34.70
073.0	020.0000	0075.6	032.7	289.5	001.4823	0152.0	091.3	34.85
074.0	020.0000	0075.7	032.7	289.2	001.5044	0151.3	091.0	34.98
075.0	020.0000	0075.7	032.7	288.9	001.5277	0150.6	090.7	35.11
076.0	020.0000	0075.8	032.8	288.6	001.5509	0149.9	090.3	35.24
077.0	020.0000	0076.2	032.9	288.3	001.5726	0149.2	090.0	35.38
078.0	020.0000	0076.7	032.9	288.1	001.5953	0148.5	089.6	35.52
079.0	020.0000	0077.0	033.0	287.8	001.6194	0147.8	089.3	35.65
080.0	020.0000	0077.0	033.0	287.4	001.6453	0147.2	089.0	35.78
081.0	019.4834	0077.2	032.8	287.0	001.6762	0146.4	088.9	35.85
082.0	019.0125	0077.3	032.7	286.7	001.7069	0145.6	088.8	35.92
083.0	018.5089	0077.4	032.5	286.3	001.7385	0144.9	088.8	35.99
084.0	018.0120	0077.6	032.3	285.9	001.7701	0144.3	088.7	36.05
085.0	017.5594	0077.6	032.1	285.5	001.8020	0143.7	088.7	36.11
086.0	017.0755	0077.8	031.9	285.1	001.8338	0143.2	088.7	36.17
087.0	016.5984	0078.2	031.8	284.8	001.8652	0143.0	088.7	36.24
088.0	016.1281	0078.8	031.7	284.4	001.8963	0142.9	088.6	36.32
089.0	015.6999	0079.3	031.6	284.0	001.9274	0142.9	088.6	36.41
090.0	015.2426	0079.9	031.5	283.7	001.9589	0143.0	088.6	36.49
091.0	014.6547	0080.5	031.3	283.3	001.9914	0143.1	088.6	36.55
092.0	014.0784	0080.9	031.1	282.9	002.0243	0143.0	088.7	36.58
093.0	013.5137	0081.4	030.9	282.6	002.0569	0142.8	088.9	36.61
094.0	012.9605	0081.8	030.6	282.2	002.0894	0142.4	089.0	36.62
095.0	012.4189	0082.3	030.4	281.8	002.1217	0142.0	089.2	36.62
096.0	011.8888	0082.6	030.2	281.5	002.1538	0141.4	089.4	36.60
097.0	011.3703	0082.9	029.9	281.1	002.1856	0140.7	089.6	36.57
098.0	010.8634	0083.0	029.6	280.8	002.2170	0140.0	089.9	36.53
099.0	010.3680	0083.1	029.3	280.5	002.2479	0139.4	090.1	36.48
100.0	009.8842	0083.3	029.0	280.2	002.2781	0138.7	090.4	36.43
101.0	009.7441	0083.6	029.0	279.8	002.3051	0138.0	090.5	36.43
102.0	009.6327	0083.7	028.9	279.5	002.3289	0137.2	090.6	36.42
103.0	009.4944	0083.7	028.8	279.2	002.3526	0136.5	090.7	36.40
104.0	009.3845	0083.8	028.8	278.9	002.3763	0136.0	090.8	36.39
105.0	009.2480	0084.1	028.7	278.6	002.3999	0135.6	090.9	36.39
106.0	009.1125	0084.2	028.7	278.3	002.4233	0135.5	091.1	36.39
107.0	009.0048	0084.4	028.6	278.0	002.4468	0135.5	091.2	36.39
108.0	008.8711	0084.7	028.6	277.7	002.4701	0135.8	091.3	36.41
109.0	008.7649	0085.0	028.5	277.4	002.4936	0136.2	091.5	36.43
110.0	008.6330	0085.2	028.5	277.1	002.5165	0136.6	091.6	36.43
111.0	008.8711	0085.3	028.7	276.7	002.5425	0136.9	091.6	36.51
112.0	009.1395	0085.4	028.9	276.4	002.5691	0137.2	091.5	36.58
113.0	009.4119	0085.5	029.1	276.1	002.5963	0137.5	091.5	36.66
114.0	009.6605	0085.7	029.3	275.7	002.6236	0137.8	091.4	36.72
115.0	009.9123	0085.9	029.5	275.4	002.6512	0138.0	091.4	36.78
116.0	010.1959	0086.2	029.7	275.0	002.6799	0138.3	091.4	36.85
117.0	010.4835	0086.5	030.0	274.7	002.7091	0138.5	091.4	36.91
118.0	010.7458	0086.9	030.2	274.3	002.7386	0138.6	091.3	36.97
119.0	011.0113	0087.4	030.5	273.9	002.7687	0138.8	091.3	37.02
120.0	011.3101	0087.9	030.7	273.5	002.7998	0139.0	091.3	37.08
121.0	011.5520	0088.4	031.0	273.2	002.8305	0139.3	091.4	37.13
122.0	011.8272	0089.1	031.3	272.8	002.8626	0139.7	091.4	37.19

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
123.0	012.0746	0089.8	031.6	272.4	002.8950	0140.1	091.4	37.24
124.0	012.3559	0090.6	031.9	272.0	002.9287	0140.5	091.4	37.30
125.0	012.6087	0091.4	032.2	271.6	002.9619	0140.9	091.5	37.35
126.0	012.8962	0092.0	032.5	271.2	002.9956	0141.3	091.6	37.39
127.0	013.1869	0092.5	032.7	270.8	003.0284	0141.7	091.7	37.42
128.0	013.4480	0092.9	033.0	270.5	003.0599	0142.1	091.9	37.43
129.0	013.7448	0093.1	033.2	270.1	003.0910	0142.5	092.1	37.43
130.0	014.0114	0093.1	033.3	269.8	003.1000	0142.8	092.4	37.39
131.0	014.3143	0093.1	033.5	269.4	003.1000	0143.0	092.6	37.32
132.0	014.6205	0093.2	033.7	269.1	003.1000	0143.0	092.9	37.24
133.0	014.9645	0093.5	033.9	268.7	003.1000	0143.0	093.1	37.18
134.0	015.2775	0094.0	034.2	268.4	003.1000	0142.9	093.4	37.10
135.0	015.5938	0094.5	034.4	268.0	003.1000	0142.9	093.7	37.03
136.0	015.9133	0094.9	034.6	267.6	003.1000	0142.9	094.0	36.94
137.0	016.2360	0095.4	034.9	267.3	003.1000	0142.9	094.3	36.86
138.0	016.5984	0095.7	035.1	267.0	003.1000	0142.9	094.6	36.76
139.0	016.9280	0096.0	035.3	266.6	003.1000	0142.8	095.0	36.66
140.0	017.2608	0096.3	035.5	266.3	003.1000	0142.9	095.4	36.56
141.0	017.5219	0096.7	035.7	266.0	003.1000	0143.0	095.8	36.46
142.0	017.7850	0097.2	035.9	265.7	003.1000	0143.2	096.2	36.35
143.0	018.0500	0097.7	036.1	265.4	003.1000	0143.4	096.6	36.24
144.0	018.3170	0098.0	036.3	265.1	003.1000	0143.7	097.0	36.13
145.0	018.6245	0098.2	036.4	264.9	003.1000	0143.9	097.5	36.02
146.0	018.8957	0098.4	036.6	264.6	003.1000	0144.2	098.0	35.90
147.0	019.1688	0098.6	036.7	264.4	003.1000	0144.4	098.5	35.77
148.0	019.4439	0098.5	036.8	264.1	003.1000	0144.6	099.0	35.64
149.0	019.7210	0098.2	036.9	264.0	003.1000	0144.6	099.6	35.50
150.0	020.0000	0097.6	036.9	263.8	003.1000	0144.7	100.2	35.35
151.0	020.0000	0096.9	036.8	263.7	003.1000	0144.7	100.8	35.19
152.0	020.0000	0096.2	036.7	263.7	003.1000	0144.7	101.5	35.03
153.0	020.0000	0095.4	036.5	263.6	003.1000	0144.7	102.1	34.87
154.0	020.0000	0094.5	036.4	263.6	003.1000	0144.8	102.8	34.71
155.0	020.0000	0093.3	036.2	263.6	003.1000	0144.8	103.4	34.55
156.0	020.0000	0091.9	035.9	263.6	003.1000	0144.7	104.1	34.39
157.0	020.0000	0090.2	035.6	263.7	003.1000	0144.7	104.8	34.23
158.0	020.0000	0088.4	035.3	263.8	003.1000	0144.7	105.5	34.07