

09-19-2023

Terrain Data: USGS 03 SEC

FMOver Analysis

KSLU-FM APP

WWOZ BLED20130408AAI

Channel = 215A
 Max ERP = 4.2 kW
 RCAMSL = 117.6 m
 N. Lat. 30 32 29.70
 W. Lng. 90 29 03.70
 Protected
 60 dBu

Channel = 214C1
 Max ERP = 100 kW
 RCAMSL = 134.3 m
 N. Lat. 29 57 25.70
 W. Lng. 90 04 31.30
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
089.0	004.2000	0102.3	026.4	349.0	021.1182	0134.2	066.6	53.08	
090.0	004.2000	0102.6	026.4	348.9	021.0741	0134.2	066.2	53.22	
091.0	004.0502	0102.9	026.3	348.7	020.8425	0134.2	065.8	53.30	
092.0	003.9030	0103.2	026.1	348.4	020.5945	0134.2	065.4	53.38	
093.0	003.7586	0103.6	025.9	348.2	020.3479	0134.2	065.0	53.46	
094.0	003.6170	0103.8	025.7	347.9	020.0757	0134.2	064.6	53.52	
095.0	003.4780	0103.9	025.5	347.6	019.7856	0134.2	064.2	53.58	
096.0	003.3493	0103.9	025.3	347.3	019.4893	0134.2	063.9	53.63	
097.0	003.2156	0104.1	025.1	347.0	019.1849	0134.2	063.5	53.68	
098.0	003.0847	0104.2	024.9	346.7	018.8737	0134.2	063.2	53.72	
099.0	002.9565	0104.5	024.6	346.4	018.5665	0134.3	062.9	53.76	
100.0	002.8310	0104.8	024.4	346.0	018.2582	0134.3	062.6	53.79	
101.0	002.7149	0105.0	024.2	345.7	018.0039	0134.3	062.3	53.83	
102.0	002.6013	0105.2	024.0	345.3	017.7469	0134.3	062.0	53.87	
103.0	002.4902	0105.3	023.8	345.0	017.4842	0134.3	061.7	53.90	
104.0	002.3814	0105.5	023.6	344.6	017.2139	0134.3	061.5	53.92	
105.0	002.2813	0105.5	023.3	344.2	016.9440	0134.3	061.2	53.93	
106.0	002.1773	0105.6	023.1	343.8	016.6639	0134.3	061.0	53.94	
107.0	002.0757	0105.7	022.9	343.4	016.3830	0134.3	060.8	53.94	
108.0	001.9765	0105.8	022.6	343.0	016.1022	0134.3	060.6	53.93	
109.0	001.8798	0105.9	022.4	342.6	015.8172	0134.3	060.4	53.91	
110.0	001.7854	0106.1	022.1	342.2	015.5313	0134.3	060.3	53.89	
111.0	001.7257	0106.1	021.9	341.9	015.2860	0134.3	060.1	53.89	
112.0	001.6617	0106.3	021.8	341.5	015.0448	0134.3	059.9	53.88	
113.0	001.6041	0106.7	021.6	341.2	014.8111	0134.3	059.7	53.88	
114.0	001.5526	0106.8	021.5	340.8	014.5748	0134.3	059.6	53.88	
115.0	001.5070	0106.8	021.3	340.5	014.3425	0134.2	059.4	53.87	
116.0	001.4769	0106.8	021.2	340.1	014.1273	0134.3	059.2	53.87	
117.0	001.4472	0106.8	021.1	339.8	013.9132	0134.3	059.0	53.87	
118.0	001.4226	0106.7	021.0	339.5	013.7008	0134.3	058.9	53.86	
119.0	001.3935	0106.8	020.9	339.1	013.4896	0134.3	058.7	53.86	
120.0	001.3694	0107.1	020.9	338.8	013.2893	0134.3	058.5	53.86	
121.0	001.3455	0107.4	020.8	338.5	013.0882	0134.3	058.3	53.86	
122.0	001.3218	0107.6	020.7	338.2	012.8842	0134.3	058.2	53.85	
123.0	001.3030	0107.9	020.7	337.9	012.6878	0134.3	058.0	53.85	
124.0	001.2844	0108.1	020.6	337.5	012.4877	0134.3	057.8	53.84	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
125.0	001.2751	0108.4	020.6	337.2	012.2996	0134.3	057.7	53.84
126.0	001.2659	0108.6	020.6	336.9	012.1078	0134.3	057.5	53.84
127.0	001.2613	0108.7	020.6	336.6	011.9181	0134.3	057.3	53.84
128.0	001.2613	0108.9	020.6	336.3	011.7340	0134.3	057.1	53.84
129.0	001.2659	0109.0	020.6	336.0	011.5549	0134.3	056.9	53.84
130.0	001.2567	0109.0	020.6	335.6	011.4513	0134.3	056.8	53.85
131.0	001.2429	0109.0	020.6	335.3	011.3442	0134.3	056.7	53.85
132.0	001.2293	0109.0	020.5	334.9	011.2371	0134.3	056.6	53.84
133.0	001.2202	0109.1	020.5	334.6	011.1326	0134.3	056.5	53.84
134.0	001.2157	0109.1	020.5	334.2	011.0291	0134.3	056.4	53.84
135.0	001.2111	0109.1	020.4	333.9	010.9252	0134.3	056.3	53.84
136.0	001.2111	0109.1	020.4	333.6	010.8226	0134.3	056.2	53.84
137.0	001.2157	0109.1	020.4	333.2	010.7208	0134.3	056.1	53.85
138.0	001.2202	0109.1	020.5	332.9	010.6187	0134.3	056.0	53.85
139.0	001.2247	0109.1	020.5	332.5	010.5160	0134.3	055.8	53.84
140.0	001.2293	0109.3	020.5	332.2	010.4140	0134.3	055.7	53.85
141.0	001.2338	0109.3	020.5	331.8	010.3106	0134.3	055.6	53.84
142.0	001.2475	0109.4	020.6	331.4	010.2087	0134.3	055.5	53.84
143.0	001.2613	0109.5	020.7	331.1	010.1058	0134.3	055.4	53.84
144.0	001.2751	0109.7	020.7	330.7	010.0027	0134.3	055.3	53.84
145.0	001.2937	0109.8	020.8	330.4	009.8989	0134.3	055.2	53.84
146.0	001.3124	0109.8	020.9	330.0	009.7940	0134.3	055.1	53.84
147.0	001.3360	0109.8	021.0	329.6	009.6886	0134.3	054.9	53.83
148.0	001.3646	0109.9	021.1	329.2	009.5825	0134.3	054.8	53.83
149.0	001.3983	0110.0	021.2	328.8	009.4753	0134.3	054.7	53.84
150.0	001.4324	0110.1	021.4	328.5	009.3669	0134.3	054.6	53.84
151.0	001.4719	0110.2	021.5	328.1	009.2570	0134.3	054.4	53.84
152.0	001.5221	0110.2	021.7	327.6	009.1454	0134.3	054.3	53.84
153.0	001.5731	0110.2	021.9	327.2	009.0324	0134.3	054.1	53.84
154.0	001.6354	0110.3	022.1	326.8	008.9167	0134.3	054.0	53.84
155.0	001.7096	0110.3	022.3	326.4	008.7981	0134.3	053.8	53.85
156.0	001.7527	0110.4	022.4	325.9	008.7047	0134.3	053.7	53.83
157.0	001.7690	0110.5	022.5	325.5	008.7172	0134.3	053.8	53.83
158.0	001.7854	0110.5	022.6	325.1	008.7296	0134.3	053.8	53.83
159.0	001.8074	0110.7	022.6	324.7	008.7422	0134.3	053.8	53.83
160.0	001.8240	0111.0	022.7	324.2	008.7549	0134.3	053.8	53.82
161.0	001.8573	0111.1	022.8	323.8	008.7678	0134.3	053.9	53.82
162.0	001.8910	0111.3	022.9	323.3	008.7809	0134.3	053.9	53.82
163.0	001.9364	0111.3	023.1	322.9	008.7942	0134.3	053.9	53.82
164.0	001.9765	0111.5	023.2	322.5	008.8075	0134.3	053.9	53.82
165.0	002.0287	0111.6	023.3	322.0	008.8212	0134.3	053.9	53.82
166.0	002.0816	0111.8	023.5	321.5	008.8349	0134.3	054.0	53.82
167.0	002.1471	0111.9	023.7	321.1	008.8490	0134.3	054.0	53.82
168.0	002.2198	0112.0	023.8	320.6	008.8634	0134.3	054.0	53.82
169.0	002.3061	0112.0	024.1	320.1	008.8781	0134.3	054.0	53.82
170.0	002.4005	0112.1	024.3	319.6	008.8933	0134.3	054.0	53.82
171.0	002.5096	0112.0	024.5	319.1	008.9087	0134.3	054.0	53.82
172.0	002.6345	0111.9	024.8	318.5	008.9246	0134.3	054.1	53.82
173.0	002.7692	0111.9	025.1	318.0	008.9409	0134.3	054.1	53.82
174.0	002.9213	0111.9	025.4	317.4	008.9578	0134.3	054.1	53.83
175.0	003.0919	0112.0	025.7	316.8	008.9754	0134.3	054.1	53.83

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
176.0	003.2525	0112.0	026.0		316.3	008.9924	0134.3	054.2	53.82
177.0	003.3643	0111.9	026.2		315.8	009.0615	0134.3	054.3	53.79
178.0	003.4857	0111.9	026.4		315.3	009.1881	0134.3	054.5	53.79
179.0	003.6326	0111.8	026.6		314.7	009.3217	0134.3	054.6	53.80
180.0	003.7905	0111.7	026.9		314.2	009.4569	0134.3	054.8	53.80
181.0	003.9763	0111.6	027.1		313.7	009.5991	0134.3	054.9	53.80
182.0	004.2000	0111.5	027.5		313.1	009.7501	0134.3	055.1	53.81
183.0	004.2000	0111.3	027.4		312.8	009.8314	0134.3	055.4	53.71
184.0	004.2000	0111.2	027.4		312.5	009.9094	0134.3	055.8	53.60
185.0	004.2000	0111.1	027.4		312.2	009.9855	0134.3	056.2	53.48
186.0	004.2000	0111.0	027.4		311.9	010.0599	0134.3	056.6	53.36
187.0	004.2000	0111.0	027.4		311.6	010.1336	0134.3	057.0	53.25
188.0	004.2000	0111.0	027.4		311.4	010.2060	0134.3	057.4	53.13
189.0	004.2000	0111.1	027.4		311.1	010.2775	0134.3	057.8	53.01
190.0	004.2000	0111.2	027.4		310.8	010.3454	0134.3	058.2	52.89
191.0	004.2000	0111.3	027.4		310.6	010.4116	0134.3	058.6	52.77
192.0	004.2000	0111.4	027.4		310.4	010.4754	0134.3	059.0	52.64
193.0	004.2000	0111.5	027.5		310.1	010.5368	0134.3	059.4	52.51
194.0	004.2000	0111.6	027.5		309.9	010.5953	0134.3	059.9	52.38
195.0	004.2000	0111.7	027.5		309.7	010.6513	0134.3	060.3	52.25
196.0	004.2000	0111.8	027.5		309.5	010.7036	0134.3	060.7	52.12
197.0	004.2000	0111.8	027.5		309.4	010.7523	0134.3	061.2	51.98
198.0	004.2000	0111.7	027.5		309.2	010.7944	0134.3	061.6	51.84
199.0	004.2000	0111.6	027.5		309.1	010.8335	0134.3	062.1	51.70
200.0	004.2000	0111.4	027.4		308.9	010.8691	0134.3	062.5	51.55
201.0	004.2000	0111.2	027.4		308.8	010.9022	0134.3	063.0	51.41
202.0	004.2000	0111.1	027.4		308.7	010.9342	0134.3	063.5	51.26
203.0	004.2000	0111.0	027.4		308.6	010.9646	0134.3	063.9	51.12
204.0	004.2000	0111.0	027.4		308.5	010.9949	0134.3	064.4	50.98
205.0	004.2000	0110.9	027.4		308.4	011.0220	0134.3	064.8	50.84
206.0	004.2000	0110.9	027.4		308.3	011.0466	0134.3	065.3	50.70
207.0	004.2000	0110.8	027.4		308.2	011.0675	0134.3	065.8	50.55
208.0	004.2000	0110.7	027.4		308.2	011.0864	0134.3	066.3	50.41

09-19-2023

Terrain Data: USGS 03 SEC

FMOver Analysis

WWOZ BLED20130408AAI

KSLU-FM A

Channel = 214C1

Max ERP = 100 kW

RCAMSL = 134.3 m

N. Lat. 29 57 25.70

W. Lng. 90 04 31.30

Protected

60 dBu

Channel = 215A

Max ERP = 4.2 kW

RCAMSL = 117.6 m

N. Lat. 30 32 29.70

W. Lng. 90 29 03.70

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
269.0	004.9018	0132.5	030.6	172.3	002.6783	0111.9	066.1	43.06	
270.0	004.8929	0132.7	030.6	172.3	002.6706	0111.9	065.6	43.22	
271.0	004.8841	0132.7	030.6	172.2	002.6604	0111.9	065.1	43.37	
272.0	004.8753	0132.6	030.5	172.1	002.6477	0111.9	064.6	43.51	
273.0	004.8664	0132.4	030.5	172.0	002.6330	0111.9	064.0	43.65	
274.0	004.8576	0132.5	030.5	171.9	002.6211	0111.9	063.5	43.80	
275.0	004.8488	0132.6	030.5	171.8	002.6072	0111.9	063.0	43.95	
276.0	004.8400	0132.8	030.5	171.7	002.5937	0112.0	062.5	44.10	
277.0	004.8664	0133.2	030.6	171.6	002.5872	0112.0	061.9	44.27	
278.0	004.8929	0133.6	030.7	171.6	002.5793	0112.0	061.4	44.45	
279.0	004.9195	0133.9	030.7	171.5	002.5694	0112.0	060.9	44.62	
280.0	004.9462	0134.1	030.8	171.4	002.5564	0112.0	060.4	44.78	
281.0	004.9729	0134.2	030.8	171.3	002.5409	0112.0	059.8	44.95	
282.0	004.9997	0134.2	030.9	171.1	002.5239	0112.0	059.3	45.11	
283.0	005.0266	0134.3	030.9	171.0	002.5056	0112.0	058.8	45.27	
284.0	005.0535	0134.3	031.0	170.8	002.4877	0112.0	058.3	45.43	
285.0	005.0805	0134.3	031.0	170.6	002.4681	0112.1	057.8	45.58	
286.0	005.1076	0134.3	031.1	170.4	002.4474	0112.1	057.3	45.74	
287.0	005.3222	0134.3	031.4	170.5	002.4517	0112.1	056.6	45.98	
288.0	005.5413	0134.3	031.7	170.5	002.4546	0112.1	056.0	46.23	
289.0	005.7648	0134.3	032.0	170.5	002.4559	0112.1	055.4	46.47	
290.0	005.9927	0134.3	032.3	170.5	002.4558	0112.1	054.7	46.72	
291.0	006.2250	0134.3	032.6	170.5	002.4537	0112.1	054.1	46.96	
292.0	006.4618	0134.3	032.9	170.5	002.4494	0112.1	053.4	47.20	
293.0	006.7029	0134.3	033.2	170.4	002.4428	0112.1	052.8	47.44	
294.0	006.9485	0134.3	033.5	170.3	002.4338	0112.1	052.2	47.68	
295.0	007.1985	0134.3	033.7	170.2	002.4224	0112.1	051.5	47.91	
296.0	007.4529	0134.3	034.0	170.1	002.4086	0112.1	050.9	48.14	
297.0	007.8344	0134.3	034.4	170.0	002.4047	0112.1	050.1	48.41	
298.0	008.2254	0134.3	034.8	170.0	002.3980	0112.1	049.4	48.67	
299.0	008.6260	0134.3	035.2	169.9	002.3890	0112.1	048.7	48.93	
300.0	009.0360	0134.3	035.6	169.8	002.3771	0112.1	048.0	49.18	
301.0	009.4556	0134.3	035.9	169.6	002.3623	0112.0	047.3	49.43	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
302.0	009.8847	0134.3	036.3	169.4	002.3445	0112.0	046.6	49.67
303.0	010.3234	0134.3	036.6	169.2	002.3236	0112.0	045.9	49.91
304.0	010.7715	0134.3	037.0	168.9	002.3001	0112.0	045.2	50.14
305.0	011.2292	0134.3	037.3	168.6	002.2749	0112.0	044.5	50.37
306.0	011.6964	0134.3	037.6	168.3	002.2466	0112.0	043.8	50.60
307.0	011.4109	0134.3	037.4	167.5	002.1831	0112.0	043.5	50.59
308.0	011.1289	0134.3	037.2	166.7	002.1251	0111.9	043.3	50.58
309.0	010.8504	0134.3	037.0	165.8	002.0720	0111.8	043.0	50.56
310.0	010.5755	0134.3	036.8	165.0	002.0267	0111.6	042.8	50.54
311.0	010.3041	0134.3	036.6	164.1	001.9814	0111.5	042.6	50.51
312.0	010.0362	0134.3	036.4	163.2	001.9450	0111.4	042.5	50.49
313.0	009.7719	0134.3	036.2	162.3	001.9060	0111.3	042.3	50.45
314.0	009.5111	0134.3	036.0	161.4	001.8722	0111.1	042.2	50.41
315.0	009.2538	0134.3	035.8	160.5	001.8422	0111.1	042.1	50.37
316.0	009.0000	0134.3	035.5	159.7	001.8182	0110.9	042.1	50.33
317.0	008.9700	0134.3	035.5	158.9	001.8043	0110.7	041.8	50.37
318.0	008.9401	0134.3	035.5	158.1	001.7866	0110.6	041.6	50.40
319.0	008.9102	0134.3	035.4	157.2	001.7729	0110.5	041.5	50.44
320.0	008.8804	0134.3	035.4	156.4	001.7594	0110.5	041.3	50.47
321.0	008.8506	0134.3	035.4	155.6	001.7342	0110.4	041.2	50.46
322.0	008.8209	0134.3	035.4	154.7	001.6891	0110.3	041.0	50.40
323.0	008.7912	0134.3	035.3	153.9	001.6275	0110.3	040.9	50.28
324.0	008.7616	0134.3	035.3	153.0	001.5742	0110.2	040.9	50.17
325.0	008.7320	0134.3	035.3	152.2	001.5301	0110.3	040.8	50.07
326.0	008.7025	0134.3	035.3	151.3	001.4866	0110.2	040.8	49.96
327.0	008.9700	0134.3	035.5	150.5	001.4502	0110.2	040.5	49.98
328.0	009.2416	0134.3	035.7	149.6	001.4183	0110.1	040.2	49.99
329.0	009.5172	0134.3	036.0	148.7	001.3880	0110.0	040.0	49.99
330.0	009.7969	0134.3	036.2	147.8	001.3584	0109.9	039.7	49.98
331.0	010.0806	0134.3	036.4	146.9	001.3325	0109.8	039.5	49.98
332.0	010.3684	0134.3	036.7	145.9	001.3106	0109.8	039.4	49.98
333.0	010.6602	0134.3	036.9	144.9	001.2925	0109.8	039.2	49.98
334.0	010.9561	0134.3	037.1	144.0	001.2745	0109.7	039.1	49.96
335.0	011.2560	0134.3	037.3	143.0	001.2607	0109.5	039.0	49.94
336.0	011.5600	0134.3	037.5	141.9	001.2468	0109.4	039.0	49.92
337.0	012.1592	0134.3	037.9	140.9	001.2332	0109.3	038.7	49.96
338.0	012.7735	0134.3	038.3	139.7	001.2281	0109.2	038.5	50.02
339.0	013.4029	0134.3	038.7	138.6	001.2229	0109.1	038.4	50.06
340.0	014.0475	0134.3	039.1	137.5	001.2177	0109.1	038.3	50.09
341.0	014.7072	0134.3	039.5	136.3	001.2124	0109.1	038.2	50.10
342.0	015.3821	0134.3	039.9	135.1	001.2111	0109.1	038.2	50.11
343.0	016.0721	0134.3	040.2	133.9	001.2160	0109.1	038.2	50.13
344.0	016.7772	0134.3	040.6	132.8	001.2224	0109.1	038.2	50.13
345.0	017.4975	0134.3	040.9	131.6	001.2350	0109.0	038.3	50.13
346.0	018.2329	0134.3	041.2	130.4	001.2511	0109.0	038.4	50.13
347.0	019.1844	0134.2	041.7	129.2	001.2643	0108.9	038.5	50.13
348.0	020.1601	0134.2	042.1	127.9	001.2613	0108.9	038.7	50.05
349.0	021.1600	0134.2	042.5	126.7	001.2625	0108.7	038.9	49.96
350.0	022.1841	0134.2	042.9	125.5	001.2702	0108.5	039.1	49.88
351.0	023.2324	0134.2	043.3	124.4	001.2811	0108.3	039.3	49.78
352.0	024.3049	0134.2	043.6	123.2	001.2993	0108.0	039.6	49.69

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
353.0	025.4016	0134.2	044.0		122.1	001.3204	0107.6	040.0	49.59
354.0	026.5225	0134.2	044.4		121.0	001.3459	0107.4	040.4	49.49
355.0	027.6676	0134.2	044.8		119.9	001.3713	0107.1	040.8	49.37
356.0	028.8369	0134.2	045.1		118.9	001.3965	0106.8	041.2	49.24
357.0	030.3381	0134.2	045.5		117.8	001.4275	0106.7	041.7	49.14
358.0	031.8773	0134.2	046.0		116.7	001.4547	0106.8	042.1	49.03
359.0	033.4547	0134.2	046.4		115.7	001.4851	0106.8	042.6	48.91
000.0	035.0701	0134.2	046.8		114.8	001.5182	0106.8	043.2	48.78
001.0	036.7236	0134.2	047.2		113.8	001.5617	0106.8	043.8	48.66
002.0	038.4152	0134.2	047.6		112.9	001.6080	0106.6	044.4	48.53
003.0	040.1449	0134.2	048.0		112.1	001.6570	0106.4	045.0	48.38
004.0	041.9127	0134.2	048.4		111.3	001.7077	0106.1	045.7	48.23
005.0	043.7185	0134.3	048.8		110.5	001.7544	0106.1	046.4	48.07
006.0	045.5625	0134.3	049.2		109.8	001.8035	0106.0	047.2	47.90
007.0	047.9418	0134.3	049.6		109.0	001.8772	0105.9	047.9	47.78
008.0	050.3816	0134.3	050.1		108.3	001.9470	0105.9	048.7	47.65
009.0	052.8820	0134.3	050.5		107.6	002.0134	0105.8	049.4	47.48
010.0	055.4429	0134.3	051.0		107.0	002.0758	0105.7	050.3	47.30
011.0	058.0644	0134.3	051.4		106.4	002.1345	0105.6	051.1	47.09
012.0	060.7464	0134.3	051.8		105.9	002.1894	0105.5	052.0	46.86
013.0	063.4890	0134.3	052.2		105.4	002.2405	0105.5	052.8	46.62
014.0	066.2922	0134.3	052.6		104.9	002.2874	0105.5	053.7	46.36
015.0	069.1558	0134.3	052.9		104.5	002.3284	0105.5	054.7	46.09
016.0	072.0801	0134.3	053.3		104.2	002.3658	0105.5	055.6	45.80
017.0	074.6669	0134.3	053.6		103.9	002.3954	0105.4	056.5	45.49
018.0	077.2993	0134.3	054.0		103.6	002.4232	0105.4	057.5	45.18
019.0	079.9772	0134.3	054.3		103.4	002.4476	0105.4	058.5	44.87
020.0	082.7008	0134.3	054.6		103.2	002.4692	0105.4	059.4	44.55
021.0	085.4700	0134.3	054.9		103.0	002.4881	0105.3	060.4	44.23
022.0	088.2848	0134.3	055.2		102.9	002.5040	0105.3	061.4	43.91
023.0	091.1452	0134.3	055.5		102.8	002.5170	0105.3	062.4	43.60
024.0	094.0512	0134.3	055.7		102.7	002.5272	0105.3	063.4	43.28
025.0	097.0028	0134.3	056.0		102.6	002.5349	0105.3	064.4	42.97
026.0	100.0000	0134.2	056.3		102.6	002.5397	0105.3	065.5	42.67
027.0	100.0000	0134.2	056.3		102.8	002.5175	0105.3	066.4	42.34
028.0	100.0000	0134.2	056.3		103.0	002.4944	0105.3	067.4	42.01