

09-19-2023

Terrain Data: USGS 03 SEC

FMOver Analysis

KSLU-FM APP

KLSU BLED20160401AAZ

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 = 216C3
 Max ERP = 23 kW
 RCAMSL = 58 m
 N. Lat. 30 24 37.60
 W. Lng. 91 10 37.30
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
198.0	004.2000	0111.7	027.5	101.1	011.3279	0050.3	059.1	47.02	
199.0	004.2000	0111.6	027.5	101.0	011.3576	0050.3	058.6	47.16	
200.0	004.2000	0111.4	027.4	101.0	011.3926	0050.3	058.2	47.31	
201.0	004.2000	0111.2	027.4	100.9	011.4316	0050.3	057.7	47.46	
202.0	004.2000	0111.1	027.4	100.8	011.4722	0050.3	057.2	47.60	
203.0	004.2000	0111.0	027.4	100.7	011.5156	0050.3	056.8	47.75	
204.0	004.2000	0111.0	027.4	100.6	011.5594	0050.3	056.3	47.90	
205.0	004.2000	0110.9	027.4	100.4	011.6086	0050.3	055.8	48.06	
206.0	004.2000	0110.9	027.4	100.3	011.6626	0050.3	055.4	48.21	
207.0	004.2000	0110.8	027.4	100.2	011.7234	0050.3	054.9	48.37	
208.0	004.2000	0110.7	027.4	100.0	011.7884	0050.3	054.5	48.52	
209.0	004.2000	0110.5	027.3	099.8	011.8572	0050.3	054.0	48.68	
210.0	004.2000	0110.3	027.3	099.6	011.9296	0050.3	053.6	48.83	
211.0	004.2000	0110.2	027.3	099.4	012.0042	0050.3	053.1	48.99	
212.0	004.2000	0110.1	027.3	099.2	012.0825	0050.3	052.7	49.14	
213.0	004.2000	0110.0	027.3	099.0	012.1672	0050.2	052.2	49.29	
214.0	004.2000	0109.8	027.3	098.8	012.2582	0050.2	051.8	49.44	
215.0	004.2000	0109.6	027.2	098.5	012.3566	0050.1	051.4	49.59	
216.0	004.2000	0109.4	027.2	098.3	012.4578	0050.1	051.0	49.74	
217.0	004.2000	0109.2	027.2	098.0	012.5662	0050.1	050.6	49.90	
218.0	004.2000	0109.0	027.2	097.7	012.6786	0050.1	050.2	50.05	
219.0	004.2000	0108.8	027.2	097.4	012.7964	0050.0	049.8	50.21	
220.0	004.2000	0108.8	027.2	097.1	012.9155	0050.0	049.4	50.35	
221.0	004.2000	0108.7	027.1	096.8	013.0403	0049.9	049.0	50.50	
222.0	004.2000	0108.6	027.1	096.5	013.1716	0049.9	048.6	50.65	
223.0	004.2000	0108.4	027.1	096.1	013.3110	0049.8	048.2	50.79	
224.0	004.2000	0108.3	027.1	095.8	013.4566	0049.8	047.9	50.94	
225.0	004.2000	0108.1	027.1	095.4	013.6087	0049.6	047.5	51.08	
226.0	004.2000	0108.0	027.1	095.0	013.7631	0049.5	047.2	51.22	
227.0	004.2000	0107.9	027.1	094.6	013.9242	0049.4	046.8	51.35	
228.0	004.2000	0107.8	027.0	094.2	014.0943	0049.3	046.5	51.49	
229.0	004.2000	0107.6	027.0	093.8	014.2712	0049.2	046.1	51.63	
230.0	004.2000	0107.5	027.0	093.4	014.4553	0049.1	045.8	51.77	
231.0	004.2000	0107.4	027.0	092.9	014.6426	0049.0	045.5	51.91	
232.0	004.2000	0107.2	027.0	092.5	014.8382	0048.9	045.2	52.04	
233.0	004.2000	0107.1	027.0	092.0	015.0403	0048.7	044.9	52.17	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
234.0	004.2000	0106.7	026.9	091.5	015.2605	0048.7	044.7	52.30
235.0	004.2000	0106.4	026.9	091.0	015.4830	0048.6	044.4	52.43
236.0	004.2000	0106.2	026.9	090.5	015.7055	0048.5	044.1	52.57
237.0	004.2000	0106.1	026.8	090.0	015.9300	0048.5	043.9	52.72
238.0	004.2000	0105.9	026.8	089.4	016.0925	0048.5	043.7	52.83
239.0	004.2000	0105.9	026.8	088.9	016.2572	0048.4	043.4	52.93
240.0	004.2000	0105.9	026.8	088.4	016.4247	0048.3	043.2	53.04
241.0	004.2000	0105.8	026.8	087.8	016.5973	0048.2	043.0	53.14
242.0	004.2000	0105.7	026.8	087.2	016.7746	0048.1	042.8	53.24
243.0	004.2000	0105.7	026.8	086.7	016.9542	0047.9	042.6	53.32
244.0	004.2000	0105.6	026.8	086.1	017.1391	0047.6	042.4	53.38
245.0	004.2000	0105.6	026.8	085.5	017.3273	0047.4	042.2	53.45
246.0	004.2000	0105.7	026.8	084.9	017.5171	0047.2	042.1	53.52
247.0	004.2000	0105.7	026.8	084.3	017.7118	0047.0	041.9	53.59
248.0	004.2000	0105.7	026.8	083.7	017.9102	0046.9	041.8	53.67
249.0	004.2000	0105.7	026.8	083.1	018.1120	0046.7	041.7	53.73
250.0	004.2000	0105.7	026.8	082.4	018.3175	0046.6	041.6	53.79
251.0	004.2000	0105.5	026.8	081.8	018.5275	0046.5	041.5	53.84
252.0	004.2000	0105.3	026.8	081.2	018.7396	0046.3	041.4	53.89
253.0	004.2000	0105.1	026.7	080.5	018.9544	0046.3	041.4	53.94
254.0	004.2000	0104.7	026.7	079.9	019.1523	0046.0	041.4	53.96
255.0	004.2000	0104.4	026.7	079.2	019.2692	0046.0	041.3	53.97
256.0	004.2000	0104.2	026.6	078.6	019.3862	0045.8	041.3	53.98
257.0	004.2000	0103.9	026.6	077.9	019.5035	0045.7	041.4	53.98
258.0	004.2000	0103.7	026.6	077.3	019.6207	0045.6	041.4	53.98
259.0	004.2000	0103.5	026.5	076.7	019.7380	0045.6	041.4	53.99
260.0	004.2000	0103.4	026.5	076.0	019.8551	0045.6	041.5	54.00
261.0	004.2000	0103.3	026.5	075.4	019.9723	0045.4	041.5	53.99
262.0	004.2000	0103.2	026.5	074.7	020.0890	0045.4	041.6	53.98
263.0	004.2000	0103.1	026.5	074.1	020.2055	0045.4	041.6	53.98
264.0	004.2000	0103.0	026.5	073.5	020.3217	0045.3	041.7	53.97
265.0	004.2000	0102.9	026.5	072.9	020.4369	0045.2	041.8	53.94
266.0	004.2000	0102.7	026.5	072.3	020.5509	0045.1	041.9	53.91
267.0	004.2000	0102.7	026.4	071.7	020.6647	0045.0	042.1	53.88
268.0	004.2000	0102.6	026.4	071.1	020.7774	0044.9	042.2	53.83
269.0	004.2000	0102.5	026.4	070.5	020.8894	0044.8	042.3	53.80
270.0	004.2000	0102.4	026.4	069.9	020.9999	0044.8	042.5	53.76
271.0	004.2000	0102.3	026.4	069.3	021.1137	0044.8	042.7	53.73
272.0	004.2000	0102.1	026.4	068.7	021.2258	0044.7	042.9	53.68
273.0	004.2000	0102.1	026.4	068.2	021.3366	0044.6	043.1	53.62
274.0	004.2000	0102.0	026.4	067.6	021.4469	0044.5	043.3	53.56
275.0	004.2000	0102.0	026.4	067.1	021.5547	0044.5	043.5	53.51
276.0	004.2000	0101.9	026.4	066.6	021.6599	0044.4	043.7	53.44
277.0	004.2000	0101.8	026.3	066.1	021.7643	0044.3	043.9	53.37
278.0	004.2000	0101.7	026.3	065.5	021.8655	0044.3	044.2	53.31
279.0	004.2000	0101.7	026.3	065.1	021.9649	0044.2	044.4	53.24
280.0	004.2000	0101.5	026.3	064.6	022.0614	0044.2	044.7	53.17
281.0	004.2000	0101.5	026.3	064.1	022.1565	0044.1	045.0	53.09
282.0	004.2000	0101.3	026.3	063.7	022.2476	0044.0	045.3	53.00
283.0	004.2000	0101.1	026.3	063.2	022.3363	0043.9	045.6	52.91
284.0	004.2000	0100.9	026.2	062.8	022.4223	0043.8	045.9	52.83

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
285.0	004.2000	0100.7	026.2		062.4	022.5054	0043.7	046.2	52.74
286.0	004.2000	0100.6	026.2		062.0	022.5881	0043.7	046.5	52.65
287.0	004.2000	0100.6	026.2		061.6	022.6696	0043.6	046.9	52.56
288.0	004.2000	0100.5	026.2		061.2	022.7482	0043.5	047.2	52.47
289.0	004.2000	0100.4	026.2		060.9	022.8225	0043.4	047.5	52.37
290.0	004.2000	0100.2	026.2		060.5	022.8935	0043.3	047.9	52.28
291.0	004.2000	0100.0	026.1		060.2	022.9613	0043.2	048.3	52.17
292.0	004.2000	0099.9	026.1		059.9	023.0000	0043.1	048.6	52.07
293.0	004.2000	0099.7	026.1		059.6	023.0000	0043.1	049.0	51.96
294.0	004.2000	0099.7	026.1		059.2	023.0000	0043.0	049.4	51.85
295.0	004.2000	0099.7	026.1		058.9	023.0000	0042.9	049.7	51.73
296.0	004.2000	0099.7	026.1		058.7	023.0000	0042.7	050.1	51.61
297.0	004.2000	0099.7	026.1		058.4	023.0000	0042.6	050.5	51.49
298.0	004.2000	0099.6	026.1		058.1	023.0000	0042.5	050.9	51.37
299.0	004.2000	0099.4	026.1		057.9	023.0000	0042.5	051.3	51.26
300.0	004.2000	0099.3	026.0		057.7	023.0000	0042.5	051.7	51.14
301.0	004.2000	0099.1	026.0		057.5	023.0000	0042.4	052.1	51.03
302.0	004.2000	0098.9	026.0		057.3	023.0000	0042.4	052.5	50.92
303.0	004.2000	0098.7	026.0		057.1	023.0000	0042.4	053.0	50.80
304.0	004.2000	0098.5	025.9		056.9	023.0000	0042.3	053.4	50.68
305.0	004.2000	0098.3	025.9		056.7	023.0000	0042.3	053.8	50.56
306.0	004.2000	0098.1	025.9		056.6	023.0000	0042.2	054.3	50.44
307.0	004.2000	0097.9	025.9		056.5	023.0000	0042.2	054.7	50.32
308.0	004.2000	0097.6	025.8		056.3	023.0000	0042.1	055.1	50.20
309.0	004.2000	0097.4	025.8		056.2	023.0000	0042.1	055.6	50.08
310.0	004.2000	0097.1	025.8		056.1	023.0000	0042.1	056.0	49.96
311.0	004.2000	0096.9	025.7		056.0	023.0000	0042.1	056.4	49.85
312.0	004.2000	0096.8	025.7		055.9	023.0000	0042.1	056.9	49.73
313.0	004.2000	0096.6	025.7		055.8	023.0000	0042.1	057.3	49.62
314.0	004.2000	0096.5	025.7		055.7	023.0000	0042.1	057.8	49.50
315.0	004.2000	0096.4	025.7		055.7	023.0000	0042.1	058.2	49.39
316.0	004.2000	0096.3	025.7		055.6	023.0000	0042.0	058.6	49.27
317.0	004.2000	0096.4	025.7		055.5	023.0000	0042.0	059.1	49.16

09-19-2023

Terrain Data: USGS 03 SEC

FMOver Analysis

KLSU BLED20160401AAZ

KSLU-FM A

Channel = 216C3

Max ERP = 23 kW

RCAMSL = 58 m

N. Lat. 30 24 37.60

W. Lng. 91 10 37.30

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)
017.0	023.0000	0040.7	025.4	279.5	004.2000	0101.6	059.7	46.54	
018.0	023.0000	0040.6	025.4	279.4	004.2000	0101.6	059.2	46.69	
019.0	023.0000	0040.6	025.4	279.4	004.2000	0101.6	058.8	46.85	
020.0	023.0000	0040.8	025.4	279.3	004.2000	0101.6	058.3	47.01	
021.0	023.0000	0040.9	025.5	279.3	004.2000	0101.6	057.9	47.18	
022.0	023.0000	0041.0	025.5	279.2	004.2000	0101.6	057.5	47.34	
023.0	023.0000	0041.0	025.5	279.1	004.2000	0101.7	057.0	47.50	
024.0	023.0000	0041.1	025.5	279.0	004.2000	0101.7	056.6	47.66	
025.0	023.0000	0041.2	025.5	278.9	004.2000	0101.7	056.2	47.83	
026.0	023.0000	0041.3	025.6	278.8	004.2000	0101.7	055.7	47.99	
027.0	023.0000	0041.6	025.6	278.7	004.2000	0101.7	055.3	48.16	
028.0	023.0000	0041.7	025.7	278.6	004.2000	0101.7	054.8	48.33	
029.0	023.0000	0041.9	025.7	278.5	004.2000	0101.7	054.4	48.49	
030.0	023.0000	0042.0	025.8	278.4	004.2000	0101.7	054.0	48.66	
031.0	023.0000	0042.1	025.8	278.2	004.2000	0101.7	053.5	48.82	
032.0	023.0000	0042.1	025.8	278.0	004.2000	0101.7	053.1	48.98	
033.0	023.0000	0042.2	025.8	277.8	004.2000	0101.8	052.7	49.14	
034.0	023.0000	0042.3	025.9	277.7	004.2000	0101.8	052.3	49.30	
035.0	023.0000	0042.2	025.8	277.4	004.2000	0101.8	051.9	49.46	
036.0	023.0000	0042.3	025.8	277.2	004.2000	0101.8	051.5	49.61	
037.0	023.0000	0042.4	025.9	277.0	004.2000	0101.8	051.1	49.77	
038.0	023.0000	0042.4	025.9	276.7	004.2000	0101.9	050.7	49.92	
039.0	023.0000	0042.5	025.9	276.5	004.2000	0101.9	050.3	50.07	
040.0	023.0000	0042.6	025.9	276.2	004.2000	0101.9	049.9	50.22	
041.0	023.0000	0042.7	026.0	275.9	004.2000	0101.9	049.5	50.37	
042.0	023.0000	0042.6	026.0	275.6	004.2000	0101.9	049.2	50.51	
043.0	023.0000	0042.6	025.9	275.3	004.2000	0102.0	048.8	50.64	
044.0	023.0000	0042.5	025.9	274.9	004.2000	0102.0	048.5	50.77	
045.0	023.0000	0042.8	026.0	274.6	004.2000	0102.0	048.1	50.92	
046.0	023.0000	0042.9	026.0	274.3	004.2000	0102.0	047.7	51.06	
047.0	023.0000	0042.8	026.0	273.9	004.2000	0102.0	047.4	51.18	
048.0	023.0000	0042.5	025.9	273.5	004.2000	0102.1	047.1	51.29	
049.0	023.0000	0042.1	025.8	273.0	004.2000	0102.1	046.9	51.38	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
050.0	023.0000	0041.9	025.7	272.5	004.2000	0102.1	046.6	51.47
051.0	023.0000	0041.6	025.7	272.0	004.2000	0102.1	046.4	51.57
052.0	023.0000	0041.4	025.6	271.6	004.2000	0102.2	046.2	51.67
053.0	023.0000	0041.7	025.7	271.2	004.2000	0102.2	045.8	51.80
054.0	023.0000	0041.8	025.7	270.8	004.2000	0102.3	045.5	51.92
055.0	023.0000	0041.9	025.8	270.3	004.2000	0102.3	045.2	52.04
056.0	023.0000	0042.1	025.8	269.9	004.2000	0102.4	044.9	52.16
057.0	023.0000	0042.3	025.9	269.5	004.2000	0102.5	044.6	52.29
058.0	023.0000	0042.5	025.9	269.0	004.2000	0102.5	044.4	52.40
059.0	023.0000	0042.9	026.0	268.6	004.2000	0102.6	044.0	52.53
060.0	023.0000	0043.2	026.1	268.1	004.2000	0102.6	043.8	52.65
061.0	022.7935	0043.5	026.1	267.6	004.2000	0102.6	043.5	52.75
062.0	022.5879	0043.7	026.1	267.0	004.2000	0102.7	043.3	52.83
063.0	022.3832	0043.8	026.1	266.5	004.2000	0102.7	043.1	52.91
064.0	022.1795	0044.0	026.1	265.9	004.2000	0102.7	043.0	52.98
065.0	021.9766	0044.2	026.1	265.3	004.2000	0102.9	042.8	53.05
066.0	021.7748	0044.3	026.1	264.8	004.2000	0103.0	042.7	53.11
067.0	021.5738	0044.4	026.1	264.2	004.2000	0103.0	042.6	53.17
068.0	021.3738	0044.6	026.1	263.6	004.2000	0103.0	042.4	53.22
069.0	021.1747	0044.8	026.1	263.0	004.2000	0103.1	042.3	53.26
070.0	020.9766	0044.8	026.0	262.4	004.2000	0103.1	042.3	53.29
071.0	020.7881	0044.9	026.0	261.7	004.2000	0103.2	042.2	53.32
072.0	020.6005	0045.1	026.0	261.1	004.2000	0103.3	042.1	53.36
073.0	020.4137	0045.2	026.0	260.5	004.2000	0103.3	042.1	53.38
074.0	020.2278	0045.4	026.0	259.9	004.2000	0103.4	042.1	53.40
075.0	020.0427	0045.4	025.9	259.3	004.2000	0103.5	042.1	53.41
076.0	019.8585	0045.5	025.9	258.7	004.2000	0103.6	042.1	53.42
077.0	019.6751	0045.6	025.9	258.1	004.2000	0103.7	042.1	53.42
078.0	019.4926	0045.7	025.9	257.4	004.2000	0103.8	042.1	53.42
079.0	019.3109	0045.9	025.9	256.8	004.2000	0104.0	042.1	53.42
080.0	019.1301	0046.1	025.8	256.2	004.2000	0104.1	042.2	53.42
081.0	018.7960	0046.3	025.8	255.6	004.2000	0104.3	042.2	53.41
082.0	018.4648	0046.5	025.7	255.0	004.2000	0104.4	042.3	53.37
083.0	018.1365	0046.7	025.7	254.4	004.2000	0104.6	042.4	53.34
084.0	017.8112	0047.0	025.7	253.8	004.2000	0104.8	042.6	53.31
085.0	017.4888	0047.2	025.6	253.3	004.2000	0105.0	042.7	53.27
086.0	017.1694	0047.6	025.6	252.7	004.2000	0105.1	042.8	53.24
087.0	016.8529	0048.0	025.6	252.1	004.2000	0105.3	042.9	53.21
088.0	016.5394	0048.2	025.6	251.5	004.2000	0105.4	043.1	53.14
089.0	016.2288	0048.4	025.5	251.0	004.2000	0105.5	043.3	53.07
090.0	015.9212	0048.5	025.4	250.5	004.2000	0105.6	043.5	52.98
091.0	015.4803	0048.6	025.3	250.0	004.2000	0105.7	043.8	52.87
092.0	015.0456	0048.7	025.2	249.5	004.2000	0105.7	044.1	52.76
093.0	014.6171	0049.1	025.1	249.1	004.2000	0105.7	044.3	52.66
094.0	014.1948	0049.2	024.9	248.6	004.2000	0105.7	044.6	52.55
095.0	013.7787	0049.5	024.8	248.2	004.2000	0105.7	044.9	52.43
096.0	013.3688	0049.8	024.7	247.7	004.2000	0105.7	045.2	52.31
097.0	012.9651	0049.9	024.6	247.4	004.2000	0105.7	045.5	52.18
098.0	012.5676	0050.1	024.5	247.0	004.2000	0105.7	045.9	52.05
099.0	012.1762	0050.2	024.3	246.6	004.2000	0105.7	046.2	51.92
100.0	011.7911	0050.3	024.2	246.3	004.2000	0105.7	046.6	51.77

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
101.0	011.3776	0050.3	024.0	246.0	004.2000	0105.7	047.0	51.62
102.0	010.9715	0050.3	023.8	245.7	004.2000	0105.7	047.4	51.46
103.0	010.5727	0050.4	023.6	245.5	004.2000	0105.7	047.8	51.31
104.0	010.1814	0050.5	023.4	245.2	004.2000	0105.6	048.2	51.15
105.0	009.7974	0050.6	023.2	245.0	004.2000	0105.6	048.6	51.00
106.0	009.4208	0050.7	023.1	244.8	004.2000	0105.6	049.0	50.85
107.0	009.1287	0050.8	022.9	244.5	004.2000	0105.6	049.3	50.71
108.0	008.7653	0050.9	022.7	244.4	004.2000	0105.6	049.7	50.55
109.0	008.4093	0051.0	022.5	244.2	004.2000	0105.6	050.2	50.39
110.0	008.0607	0051.0	022.3	244.1	004.2000	0105.6	050.6	50.22
111.0	007.7372	0050.9	022.1	244.0	004.2000	0105.7	051.1	50.05
112.0	007.4204	0050.7	021.8	243.9	004.2000	0105.7	051.5	49.88
113.0	007.1101	0050.6	021.6	243.8	004.2000	0105.7	052.0	49.71
114.0	006.8065	0050.3	021.3	243.8	004.2000	0105.7	052.4	49.53
115.0	006.5096	0049.9	021.0	243.8	004.2000	0105.7	052.9	49.34
116.0	006.2192	0049.4	020.6	243.8	004.2000	0105.7	053.4	49.15
117.0	005.9355	0049.1	020.3	243.9	004.2000	0105.7	053.9	48.97
118.0	005.6584	0049.2	020.1	243.8	004.2000	0105.7	054.3	48.81
119.0	005.3879	0049.4	019.9	243.8	004.2000	0105.7	054.7	48.66
120.0	005.1240	0049.9	019.8	243.7	004.2000	0105.7	055.0	48.52
121.0	004.9198	0050.4	019.7	243.6	004.2000	0105.7	055.4	48.39
122.0	004.7198	0051.0	019.6	243.5	004.2000	0105.7	055.7	48.26
123.0	004.5239	0051.6	019.5	243.4	004.2000	0105.7	056.1	48.14
124.0	004.3322	0051.7	019.3	243.4	004.2000	0105.7	056.4	47.99
125.0	004.1446	0051.8	019.1	243.4	004.2000	0105.7	056.8	47.84
126.0	003.9612	0051.8	018.9	243.4	004.2000	0105.7	057.2	47.69
127.0	003.7819	0051.7	018.7	243.5	004.2000	0105.7	057.6	47.55
128.0	003.6068	0051.7	018.4	243.6	004.2000	0105.7	058.0	47.40
129.0	003.4358	0051.7	018.2	243.7	004.2000	0105.7	058.4	47.25
130.0	003.2690	0051.6	018.0	243.8	004.2000	0105.7	058.8	47.11
131.0	003.1385	0051.8	017.8	243.8	004.2000	0105.7	059.1	46.98
132.0	003.0107	0052.1	017.6	243.8	004.2000	0105.7	059.5	46.86
133.0	002.8855	0052.3	017.5	243.8	004.2000	0105.7	059.8	46.74
134.0	002.7630	0052.4	017.3	243.9	004.2000	0105.7	060.2	46.61
135.0	002.6432	0052.5	017.1	244.0	004.2000	0105.6	060.5	46.49
136.0	002.5260	0052.5	016.9	244.1	004.2000	0105.6	060.9	46.37