

02-07-2005

30 Sec. Terrain Data

FMOVer Analysis

KUNY

Channel = 218C3

Max ERP = 8 kW

RCAMSL = 460 M

N. Lat = 43 09 27

W. Lng = 93 08 11

Protected

60 dBu

KLSEFM BLED19980504KG

Channel = 219C1

Max ERP = 94 kW

RCAMSL = 638 M

N. Lat = 44 02 28

W. Lng = 92 20 25

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
333.0	003.0574	0111.1	025.5	225.4	094.0000	0301.6	106.9	53.24
334.0	002.9534	0110.3	025.3	225.1	094.0000	0301.6	106.6	53.33
335.0	002.8513	0109.7	025.0	224.9	094.0000	0301.6	106.2	53.43
336.0	002.7509	0109.3	024.8	224.7	094.0000	0301.6	105.9	53.52
337.0	002.6524	0109.0	024.5	224.5	094.0000	0301.6	105.6	53.61
338.0	002.5556	0108.9	024.3	224.3	094.0000	0300.3	105.3	53.67
339.0	002.4606	0109.0	024.1	224.1	094.0000	0300.3	105.0	53.76
340.0	002.3675	0109.2	023.9	223.9	094.0000	0300.3	104.7	53.85
341.0	002.2753	0109.6	023.8	223.7	094.0000	0300.3	104.4	53.94
342.0	002.1849	0110.3	023.6	223.5	094.0000	0300.3	104.1	54.03**
343.0	002.0963	0110.9	023.4	223.4	094.0000	0299.8	103.9	54.10**
344.0	002.0096	0111.2	023.2	223.1	094.0000	0299.8	103.6	54.17**
345.0	001.9247	0111.2	023.0	222.9	094.0000	0299.8	103.4	54.24**
346.0	001.8417	0110.9	022.7	222.7	094.0000	0299.8	103.2	54.30**
347.0	001.7604	0110.3	022.5	222.4	094.0000	0299.1	103.0	54.33**
348.0	001.6810	0109.6	022.2	222.2	094.0000	0299.1	102.9	54.38**
349.0	001.6035	0109.1	021.9	221.9	094.0000	0299.1	102.7	54.42**
350.0	001.5278	0108.8	021.6	221.6	094.0000	0299.1	102.6	54.46**
351.0	001.4682	0108.8	021.4	221.4	094.0000	0298.1	102.5	54.48**
352.0	001.4099	0108.9	021.2	221.2	094.0000	0298.1	102.3	54.52**
353.0	001.3527	0109.1	021.0	221.0	094.0000	0298.1	102.2	54.57**
354.0	001.2967	0109.4	020.8	220.8	094.0000	0298.1	102.0	54.61**
355.0	001.2419	0110.0	020.6	220.6	094.0000	0298.1	101.9	54.66**
356.0	001.1883	0110.8	020.5	220.3	094.0000	0297.2	101.7	54.68**
357.0	001.1358	0111.8	020.4	220.2	094.0000	0297.2	101.6	54.73**
358.0	001.0846	0112.7	020.2	219.9	094.0000	0297.2	101.4	54.76**
359.0	001.0345	0113.1	020.0	219.7	094.0000	0297.2	101.4	54.79**
000.0	000.9856	0113.4	019.8	219.5	094.0000	0296.7	101.3	54.79**
001.0	000.9561	0113.7	019.7	219.3	094.0000	0296.7	101.2	54.83**
002.0	000.9270	0114.3	019.6	219.1	094.0000	0296.7	101.1	54.87**
003.0	000.8983	0114.9	019.5	218.9	094.0000	0296.7	100.9	54.91**
004.0	000.8701	0115.5	019.4	218.7	094.0000	0296.7	100.8	54.94**
005.0	000.8424	0115.7	019.2	218.5	094.0000	0296.7	100.8	54.96**
006.0	000.8151	0116.0	019.1	218.3	094.0000	0296.3	100.7	54.97**
007.0	000.7883	0116.5	019.0	218.1	094.0000	0296.3	100.6	54.99**
008.0	000.7619	0116.7	018.8	217.9	094.0000	0296.3	100.6	55.00**
009.0	000.7359	0116.3	018.6	217.7	094.0000	0296.3	100.6	55.00**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
010.0	000.7104	0115.6	018.4	217.5	094.0000	0295.5	100.7	54.95**
011.0	000.7005	0114.6	018.2	217.3	094.0000	0295.5	100.7	54.96**
012.0	000.6905	0113.3	018.1	217.1	094.0000	0295.5	100.7	54.95**
013.0	000.6807	0112.3	017.9	216.9	094.0000	0295.5	100.7	54.95**
014.0	000.6709	0111.6	017.8	216.7	094.0000	0295.5	100.7	54.95**
015.0	000.6613	0111.6	017.7	216.5	094.0000	0294.2	100.6	54.92**
016.0	000.6516	0111.9	017.6	216.3	094.0000	0294.2	100.6	54.94**
017.0	000.6421	0112.4	017.6	216.1	094.0000	0294.2	100.5	54.97**
018.0	000.6326	0112.7	017.6	216.0	094.0000	0294.2	100.4	54.98**
019.0	000.6232	0112.9	017.5	215.8	094.0000	0294.2	100.4	55.00**
020.0	000.6138	0113.0	017.5	215.6	094.0000	0294.2	100.4	55.00**
021.0	000.6143	0113.2	017.5	215.4	094.0000	0292.6	100.3	54.99**
022.0	000.6147	0113.4	017.5	215.3	094.0000	0292.6	100.2	55.01**
023.0	000.6152	0113.5	017.5	215.1	094.0000	0292.6	100.1	55.04**
024.0	000.6156	0113.5	017.5	214.9	094.0000	0292.6	100.1	55.06**
025.0	000.6161	0113.5	017.5	214.8	094.0000	0292.6	100.0	55.07**
026.0	000.6165	0113.4	017.5	214.6	094.0000	0292.6	100.0	55.09**
027.0	000.6169	0113.2	017.5	214.4	094.0000	0290.8	099.9	55.04**
028.0	000.6174	0113.0	017.5	214.2	094.0000	0290.8	099.9	55.05**
029.0	000.6178	0112.6	017.5	214.1	094.0000	0290.8	099.9	55.05**
030.0	000.6183	0111.9	017.4	213.9	094.0000	0290.8	099.9	55.04**
031.0	000.6201	0111.1	017.3	213.7	094.0000	0290.8	100.0	55.03**
032.0	000.6218	0110.6	017.3	213.5	094.0000	0290.8	100.0	55.02**
033.0	000.6236	0110.5	017.3	213.4	094.0000	0289.3	100.0	54.98**
034.0	000.6254	0110.6	017.3	213.2	094.0000	0289.3	100.0	54.98**
035.0	000.6272	0110.5	017.3	213.0	094.0000	0289.3	100.0	54.98**
036.0	000.6290	0110.2	017.3	212.8	094.0000	0289.3	100.0	54.97**
037.0	000.6308	0109.8	017.3	212.7	094.0000	0289.3	100.0	54.96**
038.0	000.6326	0109.5	017.3	212.5	094.0000	0288.0	100.1	54.91**
039.0	000.6344	0109.3	017.3	212.3	094.0000	0288.0	100.1	54.89**
040.0	000.6362	0109.2	017.3	212.2	094.0000	0288.0	100.2	54.88**
041.0	000.6380	0109.4	017.3	212.0	094.0000	0288.0	100.2	54.88**
042.0	000.6398	0109.6	017.4	211.8	094.0000	0288.0	100.2	54.87**
043.0	000.6416	0109.9	017.4	211.6	094.0000	0288.0	100.2	54.87**
044.0	000.6434	0110.1	017.4	211.5	094.0000	0286.8	100.2	54.82**
045.0	000.6452	0110.5	017.5	211.3	094.0000	0286.8	100.3	54.81**
046.0	000.6471	0111.1	017.5	211.1	094.0000	0286.8	100.3	54.81**
047.0	000.6489	0111.7	017.6	210.9	094.0000	0286.8	100.3	54.80**
048.0	000.6507	0112.1	017.7	210.7	094.0000	0286.8	100.3	54.79**
049.0	000.6525	0112.4	017.7	210.6	094.0000	0286.8	100.4	54.77**
050.0	000.6544	0112.8	017.7	210.4	094.0000	0285.7	100.5	54.72**
051.0	000.6576	0113.2	017.8	210.2	094.0000	0285.7	100.5	54.70**
052.0	000.6608	0113.6	017.9	210.0	094.0000	0285.7	100.6	54.68**
053.0	000.6640	0113.7	017.9	209.9	094.0000	0285.7	100.7	54.66**
054.0	000.6672	0113.7	017.9	209.7	094.0000	0285.7	100.8	54.62**
055.0	000.6705	0113.5	017.9	209.5	094.0000	0285.7	100.9	54.58**
056.0	000.6737	0113.4	017.9	209.4	094.0000	0284.4	101.0	54.51**
057.0	000.6770	0113.4	018.0	209.2	094.0000	0284.4	101.1	54.47**
058.0	000.6802	0113.5	018.0	209.0	094.0000	0284.4	101.3	54.43**
059.0	000.6835	0113.6	018.0	208.9	094.0000	0284.4	101.4	54.39**
060.0	000.6868	0113.7	018.1	208.7	094.0000	0284.4	101.5	54.35**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
061.0	000.6990	0113.8	018.1	208.5	094.0000	0284.4	101.6	54.32**
062.0	000.7114	0113.8	018.2	208.4	094.0000	0282.9	101.7	54.24**
063.0	000.7238	0113.7	018.3	208.2	094.0000	0282.9	101.8	54.21**
064.0	000.7364	0113.5	018.4	208.0	094.0000	0282.9	102.0	54.17**
065.0	000.7491	0113.3	018.4	207.9	094.0000	0282.9	102.1	54.13**
066.0	000.7619	0113.3	018.5	207.7	094.0000	0282.9	102.2	54.08**
067.0	000.7748	0113.4	018.6	207.5	094.0000	0282.9	102.4	54.04**
068.0	000.7878	0113.8	018.7	207.3	094.0000	0280.9	102.5	53.94
069.0	000.8009	0114.1	018.8	207.2	094.0000	0280.9	102.6	53.90
070.0	000.8141	0114.4	018.9	207.0	094.0000	0280.9	102.8	53.86
071.0	000.8393	0114.6	019.1	206.8	094.0000	0280.9	102.9	53.82
072.0	000.8649	0114.8	019.3	206.6	094.0000	0280.9	103.0	53.79
073.0	000.8908	0115.2	019.4	206.4	094.0000	0278.5	103.1	53.68
074.0	000.9172	0115.6	019.6	206.2	094.0000	0278.5	103.3	53.64
075.0	000.9439	0116.0	019.8	206.0	094.0000	0278.5	103.4	53.60
076.0	000.9711	0116.3	020.0	205.8	094.0000	0278.5	103.6	53.55
077.0	000.9986	0116.4	020.1	205.6	094.0000	0278.5	103.8	53.50
078.0	001.0265	0116.4	020.3	205.4	094.0000	0276.4	103.9	53.38
079.0	001.0547	0116.5	020.4	205.3	094.0000	0276.4	104.1	53.32
080.0	001.0834	0116.7	020.5	205.1	094.0000	0276.4	104.3	53.26
081.0	001.1316	0117.1	020.8	204.8	094.0000	0276.4	104.5	53.21
082.0	001.1809	0117.6	021.1	204.6	094.0000	0276.4	104.7	53.16
083.0	001.2312	0118.1	021.3	204.4	094.0000	0275.2	104.9	53.07
084.0	001.2826	0118.7	021.6	204.2	094.0000	0275.2	105.0	53.02
085.0	001.3350	0119.3	021.8	203.9	094.0000	0275.2	105.3	52.96
086.0	001.3884	0119.8	022.1	203.7	094.0000	0275.2	105.5	52.89
087.0	001.4430	0120.4	022.3	203.5	094.0000	0275.2	105.7	52.83
088.0	001.4985	0121.1	022.6	203.3	094.0000	0274.7	106.0	52.74
089.0	001.5551	0121.7	022.8	203.1	094.0000	0274.7	106.2	52.66
090.0	001.6128	0122.4	023.0	202.9	094.0000	0274.7	106.5	52.59
091.0	001.6825	0123.1	023.3	202.7	094.0000	0274.7	106.8	52.51
092.0	001.7537	0123.9	023.6	202.4	094.0000	0274.4	107.0	52.42
093.0	001.8263	0124.7	023.9	202.2	094.0000	0274.4	107.3	52.34

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KLSEFM BLED19980504KG  
 Channel = 219C1  
 Max ERP = 94 kW  
 RCAMSL = 638 M  
 N. Lat = 44 02 28  
 W. Lng = 92 20 25  
 Protected  
 60 dBu

KUNY  
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 Interfering  
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
153.0	094.0000	0269.2	069.2	068.7	000.7975	0114.1	102.8	27.69
154.0	094.0000	0268.2	069.1	068.7	000.7975	0114.1	101.5	28.00
155.0	094.0000	0266.8	069.0	068.7	000.7975	0114.1	100.3	28.29
156.0	094.0000	0265.6	068.9	068.7	000.7974	0114.1	099.1	28.58
157.0	094.0000	0264.6	068.8	068.7	000.7972	0114.1	097.9	28.87
158.0	094.0000	0263.8	068.8	068.7	000.7971	0114.1	096.7	29.17
159.0	094.0000	0263.4	068.7	068.7	000.7970	0114.1	095.5	29.48
160.0	094.0000	0263.1	068.7	068.7	000.7968	0114.1	094.3	29.79
161.0	094.0000	0262.7	068.7	068.7	000.7963	0114.1	093.1	30.11
162.0	094.0000	0262.2	068.6	068.6	000.7957	0114.1	091.9	30.42
163.0	094.0000	0262.2	068.6	068.6	000.7951	0114.1	090.7	30.75
164.0	094.0000	0262.8	068.7	068.5	000.7948	0114.1	089.5	31.07
165.0	094.0000	0263.6	068.8	068.5	000.7945	0114.1	088.3	31.41
166.0	094.0000	0264.4	068.8	068.5	000.7939	0113.8	087.1	31.72
167.0	094.0000	0265.5	068.9	068.4	000.7934	0113.8	085.9	32.06
168.0	094.0000	0267.3	069.1	068.4	000.7932	0113.8	084.7	32.40
169.0	094.0000	0269.2	069.2	068.4	000.7928	0113.8	083.5	32.75
170.0	094.0000	0271.2	069.4	068.4	000.7924	0113.8	082.3	33.09
171.0	094.0000	0272.5	069.5	068.3	000.7911	0113.8	081.0	33.43
172.0	094.0000	0273.5	069.6	068.1	000.7894	0113.8	079.8	33.77
173.0	094.0000	0274.9	069.7	068.0	000.7878	0113.8	078.6	34.10
174.0	094.0000	0276.1	069.8	067.8	000.7857	0113.8	077.4	34.44
175.0	094.0000	0277.1	069.9	067.7	000.7832	0113.8	076.2	34.77
176.0	094.0000	0277.7	069.9	067.4	000.7801	0113.4	075.1	35.09
177.0	094.0000	0278.5	070.0	067.2	000.7768	0113.4	073.9	35.42
178.0	094.0000	0279.4	070.1	066.9	000.7734	0113.4	072.7	35.75
179.0	094.0000	0280.8	070.2	066.6	000.7700	0113.4	071.5	36.08
180.0	094.0000	0282.2	070.3	066.3	000.7663	0113.3	070.4	36.41
181.0	094.0000	0282.8	070.4	066.0	000.7615	0113.3	069.2	36.73
182.0	094.0000	0282.4	070.3	065.5	000.7556	0113.3	068.1	37.03
183.0	094.0000	0281.7	070.3	065.0	000.7491	0113.3	067.1	37.33
184.0	094.0000	0281.1	070.2	064.5	000.7422	0113.5	066.0	37.62
185.0	094.0000	0280.1	070.1	063.9	000.7347	0113.5	065.0	37.90
186.0	094.0000	0280.0	070.1	063.3	000.7275	0113.7	063.9	38.20

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
187.0	094.0000	0281.5	070.3	062.8	000.7212	0113.7	062.8	38.52
188.0	094.0000	0282.6	070.4	062.2	000.7141	0113.8	061.8	38.84
189.0	094.0000	0283.4	070.4	061.6	000.7063	0113.8	060.8	39.16
190.0	094.0000	0283.1	070.4	060.9	000.6973	0113.8	059.8	39.44
191.0	094.0000	0281.8	070.3	060.0	000.6871	0113.7	058.9	39.69
192.0	094.0000	0279.5	070.1	059.1	000.6838	0113.6	058.1	39.96
193.0	094.0000	0277.1	069.9	058.1	000.6806	0113.5	057.4	40.21
194.0	094.0000	0276.1	069.8	057.2	000.6776	0113.4	056.6	40.49
195.0	094.0000	0275.9	069.8	056.3	000.6746	0113.4	055.8	40.78
196.0	094.0000	0275.7	069.8	055.3	000.6714	0113.5	055.0	41.07
197.0	094.0000	0275.4	069.8	054.3	000.6681	0113.7	054.3	41.34
198.0	094.0000	0274.9	069.7	053.2	000.6647	0113.7	053.6	41.59
199.0	094.0000	0274.5	069.7	052.1	000.6612	0113.6	052.9	41.82
200.0	094.0000	0274.2	069.7	051.0	000.6575	0113.2	052.3	42.02
201.0	094.0000	0274.2	069.7	049.8	000.6541	0112.8	051.7	42.21
202.0	094.0000	0274.4	069.7	048.6	000.6519	0112.4	051.1	42.40
203.0	094.0000	0274.7	069.7	047.4	000.6497	0111.7	050.5	42.55
204.0	094.0000	0275.2	069.7	046.2	000.6474	0111.1	050.0	42.70
205.0	094.0000	0276.4	069.8	044.9	000.6451	0110.5	049.5	42.86
206.0	094.0000	0278.5	070.0	043.6	000.6428	0110.1	048.9	43.03
207.0	094.0000	0280.9	070.2	042.3	000.6404	0109.6	048.4	43.19
208.0	094.0000	0282.9	070.4	041.0	000.6379	0109.4	047.9	43.34
209.0	094.0000	0284.4	070.5	039.6	000.6354	0109.2	047.5	43.46
210.0	094.0000	0285.7	070.6	038.1	000.6328	0109.5	047.2	43.58
211.0	094.0000	0286.8	070.7	036.6	000.6301	0109.8	046.9	43.68
212.0	094.0000	0288.0	070.8	035.1	000.6275	0110.5	046.8	43.78
213.0	094.0000	0289.3	070.9	033.6	000.6248	0110.6	046.6	43.83
214.0	094.0000	0290.8	071.0	032.1	000.6220	0110.6	046.5	43.85
215.0	094.0000	0292.6	071.2	030.6	000.6193	0111.1	046.4	43.90
216.0	094.0000	0294.2	071.3	029.0	000.6178	0112.6	046.4	44.00
217.0	094.0000	0295.5	071.4	027.5	000.6172	0113.0	046.5	43.99
218.0	094.0000	0296.3	071.5	026.0	000.6165	0113.4	046.6	43.94
219.0	094.0000	0296.7	071.5	024.5	000.6158	0113.5	046.9	43.85
220.0	094.0000	0297.2	071.5	023.0	000.6152	0113.5	047.2	43.73
221.0	094.0000	0298.1	071.6	021.6	000.6145	0113.4	047.5	43.59
222.0	094.0000	0299.1	071.7	020.1	000.6139	0113.0	047.9	43.42
223.0	094.0000	0299.8	071.7	018.7	000.6257	0112.9	048.3	43.32
224.0	094.0000	0300.3	071.8	017.4	000.6385	0112.4	048.8	43.19
225.0	094.0000	0301.6	071.9	016.0	000.6513	0111.9	049.3	43.06
226.0	094.0000	0303.7	072.0	014.7	000.6643	0111.6	049.8	42.93
227.0	094.0000	0305.6	072.2	013.4	000.6770	0112.3	050.3	42.84
228.0	094.0000	0306.9	072.3	012.2	000.6891	0113.3	051.0	42.74
229.0	094.0000	0307.4	072.3	011.0	000.7005	0114.6	051.7	42.61
230.0	094.0000	0307.2	072.3	009.9	000.7120	0115.6	052.5	42.42
231.0	094.0000	0306.2	072.2	009.0	000.7369	0116.3	053.4	42.27
232.0	094.0000	0304.8	072.1	008.1	000.7605	0116.7	054.3	42.06
233.0	094.0000	0303.5	072.0	007.2	000.7831	0116.5	055.3	41.81
234.0	094.0000	0302.5	071.9	006.4	000.8052	0116.0	056.2	41.53
235.0	094.0000	0301.7	071.9	005.6	000.8267	0116.0	057.2	41.27
236.0	094.0000	0300.9	071.8	004.8	000.8472	0115.7	058.2	40.98
237.0	094.0000	0300.1	071.8	004.1	000.8669	0115.5	059.2	40.69

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
238.0	094.0000	0299.8	071.7	003.4	000.8862	0114.9	060.3	40.39
239.0	094.0000	0300.1	071.8	002.7	000.9058	0114.9	061.3	40.12
240.0	094.0000	0301.1	071.8	002.0	000.9257	0114.3	062.3	39.83
241.0	094.0000	0302.5	071.9	001.4	000.9452	0113.7	063.3	39.55
242.0	094.0000	0304.2	072.1	000.7	000.9644	0113.7	064.3	39.30
243.0	094.0000	0306.0	072.2	000.1	000.9829	0113.4	065.4	39.03
244.0	094.0000	0308.0	072.4	359.5	001.0105	0113.1	066.5	38.80
245.0	094.0000	0310.0	072.5	358.9	001.0382	0113.1	067.5	38.58
246.0	094.0000	0311.8	072.6	358.4	001.0644	0112.7	068.7	38.32
247.0	094.0000	0314.0	072.8	357.9	001.0903	0112.7	069.8	38.09
248.0	094.0000	0316.0	073.0	357.4	001.1141	0111.8	070.9	37.79
249.0	094.0000	0317.6	073.1	357.0	001.1357	0111.8	072.1	37.52
250.0	094.0000	0318.1	073.1	356.7	001.1527	0111.8	073.3	37.23
251.0	094.0000	0317.2	073.0	356.5	001.1645	0110.8	074.5	36.85
252.0	094.0000	0315.3	072.9	356.3	001.1725	0110.8	075.8	36.51
253.0	094.0000	0312.6	072.7	356.2	001.1769	0110.8	077.1	36.15
254.0	094.0000	0309.7	072.5	356.2	001.1795	0110.8	078.4	35.79
255.0	094.0000	0307.6	072.3	356.1	001.1838	0110.8	079.6	35.44
256.0	094.0000	0306.3	072.2	356.0	001.1888	0110.8	080.9	35.10
257.0	094.0000	0307.0	072.3	355.8	001.1986	0110.8	082.1	34.78
258.0	094.0000	0309.2	072.4	355.6	001.2112	0110.8	083.4	34.48
259.0	094.0000	0311.8	072.6	355.3	001.2238	0110.0	084.6	34.14
260.0	094.0000	0314.5	072.8	355.1	001.2359	0110.0	085.8	33.83
261.0	094.0000	0315.7	072.9	355.0	001.2425	0110.0	087.1	33.50
262.0	094.0000	0315.8	072.9	354.9	001.2457	0110.0	088.4	33.16
263.0	094.0000	0314.9	072.9	354.9	001.2454	0110.0	089.6	32.80
264.0	094.0000	0314.0	072.8	355.0	001.2444	0110.0	090.9	32.45
265.0	094.0000	0312.9	072.7	355.0	001.2421	0110.0	092.2	32.10
266.0	094.0000	0311.3	072.6	355.1	001.2381	0110.0	093.5	31.75
267.0	094.0000	0309.3	072.5	355.2	001.2324	0110.0	094.7	31.40
268.0	094.0000	0307.7	072.3	355.3	001.2271	0110.0	096.0	31.06
269.0	094.0000	0306.1	072.2	355.4	001.2213	0110.0	097.2	30.72
270.0	094.0000	0304.5	072.1	355.5	001.2149	0110.0	098.5	30.39
271.0	094.0000	0303.0	072.0	355.6	001.2083	0110.8	099.7	30.10
272.0	094.0000	0301.6	071.9	355.8	001.2013	0110.8	101.0	29.78
273.0	094.0000	0300.1	071.8	355.9	001.1938	0110.8	102.2	29.47