

06-15-2007

30 Arc-Sec. Terrain Data

FMOver Analysis

WWGV.A

Channel = 201A

Max ERP = 5.4 kW

RCAMSL = 327 M

N. Lat = 39 43 16.0

W. Lng = 83 08 36.0

Protected

60 dBu

WOAR

BLED20060803ADL

Channel = 202A

Max ERP = 1 kW

RCAMSL = 425 M

N. Lat = 39 55 54.0

W. Lng = 83 36 36.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
241.0	005.4000	0069.7	023.4	150.7	001.0000	0084.3	039.8	46.38
242.0	005.4000	0068.8	023.2	150.4	001.0000	0084.2	039.4	46.54
243.0	005.4000	0067.9	023.1	150.2	001.0000	0084.2	039.0	46.71
244.0	005.4000	0067.1	023.0	150.0	001.0000	0084.2	038.6	46.87
245.0	005.4000	0066.4	022.9	149.8	001.0000	0084.2	038.2	47.04
246.0	005.4000	0065.8	022.8	149.6	001.0000	0084.2	037.9	47.20
247.0	005.4000	0065.5	022.7	149.5	001.0000	0084.2	037.5	47.36
248.0	005.4000	0065.1	022.7	149.3	001.0000	0084.2	037.1	47.53
249.0	005.4000	0064.9	022.6	149.2	001.0000	0084.2	036.7	47.69
250.0	005.4000	0064.7	022.6	149.0	001.0000	0084.2	036.3	47.86
251.0	005.2541	0064.5	022.4	148.6	001.0000	0084.2	036.0	48.01
252.0	005.1102	0064.2	022.3	148.2	001.0000	0084.0	035.6	48.15
253.0	004.9683	0064.0	022.1	147.7	001.0000	0084.0	035.3	48.29
254.0	004.8285	0063.8	021.9	147.3	001.0000	0083.9	035.0	48.42
255.0	004.6906	0063.5	021.7	146.8	001.0000	0083.9	034.7	48.56
256.0	004.5547	0063.2	021.5	146.3	001.0000	0083.8	034.4	48.68
257.0	004.4208	0062.8	021.3	145.8	001.0000	0083.8	034.1	48.81
258.0	004.2889	0062.4	021.1	145.2	001.0000	0083.7	033.8	48.92
259.0	004.1590	0062.0	020.9	144.6	001.0000	0083.7	033.6	49.03
260.0	004.0311	0061.6	020.7	144.0	001.0000	0083.7	033.3	49.13
261.0	003.9846	0061.1	020.5	143.5	001.0000	0083.7	033.1	49.25
262.0	003.9383	0060.7	020.4	143.1	001.0000	0083.6	032.8	49.37
263.0	003.8923	0060.5	020.3	142.6	001.0000	0083.6	032.6	49.49
264.0	003.8466	0060.3	020.2	142.2	001.0000	0083.6	032.3	49.61
265.0	003.8012	0060.0	020.1	141.7	001.0000	0083.6	032.1	49.72
266.0	003.7560	0059.8	020.0	141.2	001.0000	0083.6	031.8	49.84
267.0	003.7111	0059.5	019.9	140.7	001.0000	0083.6	031.6	49.95
268.0	003.6665	0059.2	019.8	140.1	001.0000	0083.6	031.4	50.05
269.0	003.6221	0058.9	019.7	139.6	001.0000	0083.6	031.2	50.15
270.0	003.5780	0058.6	019.6	139.0	001.0000	0083.6	031.0	50.25
271.0	003.6168	0058.3	019.6	138.6	001.0000	0083.6	030.7	50.39
272.0	003.6558	0058.0	019.6	138.2	001.0000	0083.7	030.5	50.52
273.0	003.6950	0057.7	019.6	137.7	001.0000	0083.7	030.2	50.65
274.0	003.7344	0057.4	019.6	137.3	001.0000	0083.7	030.0	50.79
275.0	003.7740	0057.3	019.7	136.8	001.0000	0083.7	029.7	50.93
276.0	003.8139	0057.1	019.7	136.4	001.0000	0083.8	029.5	51.08
277.0	003.8539	0057.0	019.7	135.9	001.0000	0083.8	029.2	51.22

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
278.0	003.8942	0056.8	019.7	135.4	001.0000	0083.9	029.0	51.36
279.0	003.9346	0056.7	019.8	134.9	001.0000	0083.9	028.8	51.50
280.0	003.9753	0056.6	019.8	134.3	001.0000	0083.9	028.5	51.64
281.0	003.9540	0056.6	019.8	133.7	001.0000	0083.9	028.4	51.74
282.0	003.9328	0056.5	019.7	133.1	001.0000	0084.0	028.2	51.84
283.0	003.9116	0056.5	019.7	132.5	001.0000	0084.1	028.1	51.94
284.0	003.8905	0056.4	019.7	131.8	001.0000	0084.1	028.0	52.02
285.0	003.8694	0056.4	019.6	131.1	001.0000	0084.2	027.8	52.11
286.0	003.8484	0056.3	019.6	130.5	001.0000	0084.4	027.7	52.19
287.0	003.8275	0056.2	019.6	129.8	001.0000	0084.4	027.6	52.26
288.0	003.8066	0056.1	019.5	129.1	001.0000	0084.5	027.5	52.33
289.0	003.7858	0056.0	019.5	128.4	001.0000	0084.7	027.5	52.40
290.0	003.7650	0055.9	019.4	127.7	001.0000	0084.7	027.4	52.44
291.0	003.7677	0055.8	019.4	127.0	001.0000	0085.0	027.3	52.52
292.0	003.7704	0055.6	019.4	126.3	001.0000	0085.2	027.2	52.59
293.0	003.7731	0055.5	019.4	125.6	001.0000	0085.2	027.2	52.63
294.0	003.7758	0055.4	019.3	124.9	001.0000	0085.4	027.1	52.69
295.0	003.7786	0055.3	019.3	124.2	001.0000	0085.7	027.1	52.75
296.0	003.7813	0055.3	019.3	123.5	001.0000	0085.9	027.0	52.80
297.0	003.7840	0055.3	019.3	122.8	001.0000	0085.9	027.0	52.83
298.0	003.7867	0055.3	019.3	122.1	001.0000	0086.1	027.0	52.88
299.0	003.7894	0055.3	019.4	121.3	001.0000	0086.4	026.9	52.92
300.0	003.7921	0055.4	019.4	120.6	001.0000	0086.4	026.9	52.94
301.0	003.8220	0055.4	019.4	119.9	001.0000	0086.7	026.9	53.00
302.0	003.8521	0055.5	019.5	119.2	001.0000	0087.0	026.8	53.05
303.0	003.8822	0055.5	019.5	118.4	001.0000	0087.3	026.8	53.11
304.0	003.9125	0055.6	019.6	117.7	001.0000	0087.3	026.8	53.12
305.0	003.9429	0055.6	019.6	117.0	001.0000	0087.6	026.8	53.15
306.0	003.9734	0055.6	019.6	116.2	001.0000	0088.0	026.8	53.18
307.0	004.0041	0055.7	019.7	115.5	001.0000	0088.3	026.8	53.20
308.0	004.0348	0055.8	019.7	114.7	001.0000	0088.3	026.8	53.19
309.0	004.0657	0055.9	019.8	114.0	001.0000	0088.6	026.9	53.21
310.0	004.0967	0056.0	019.8	113.2	001.0000	0088.9	026.9	53.21
311.0	004.2189	0055.9	020.0	112.5	001.0000	0089.2	026.9	53.25
312.0	004.3430	0055.7	020.1	111.7	001.0000	0089.2	026.9	53.23
313.0	004.4688	0055.4	020.2	110.9	001.0000	0089.4	026.9	53.23
314.0	004.5964	0055.1	020.3	110.1	001.0000	0089.6	027.0	53.21
315.0	004.7259	0054.9	020.4	109.4	001.0000	0089.6	027.0	53.19
316.0	004.8571	0054.9	020.5	108.6	001.0000	0089.6	027.1	53.16
317.0	004.9901	0054.8	020.6	107.8	001.0000	0089.6	027.1	53.12
318.0	005.1250	0054.8	020.8	107.0	001.0000	0089.6	027.2	53.07
319.0	005.2616	0054.9	020.9	106.2	001.0000	0089.6	027.3	53.04
320.0	005.4000	0055.1	021.1	105.3	001.0000	0089.8	027.3	53.01
321.0	005.4000	0055.5	021.1	104.6	001.0000	0089.8	027.5	52.92
322.0	005.4000	0056.1	021.2	103.8	001.0000	0089.9	027.6	52.84
323.0	005.4000	0056.7	021.4	103.1	001.0000	0090.1	027.8	52.77
324.0	005.4000	0057.3	021.5	102.4	001.0000	0090.3	028.0	52.68
325.0	005.4000	0057.8	021.5	101.7	001.0000	0090.3	028.1	52.56
326.0	005.4000	0058.3	021.6	101.0	001.0000	0090.4	028.3	52.46
327.0	005.4000	0058.7	021.7	100.4	001.0000	0090.5	028.6	52.34
328.0	005.4000	0059.1	021.8	099.8	001.0000	0090.5	028.8	52.20

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
329.0	005.4000	0059.6	021.8	099.2	001.0000	0090.7	029.0	52.07
330.0	005.4000	0060.0	021.9	098.6	001.0000	0090.7	029.3	51.93
331.0	005.4000	0060.5	022.0	098.0	001.0000	0090.8	029.5	51.80
332.0	005.4000	0061.1	022.1	097.4	001.0000	0090.9	029.8	51.65
333.0	005.4000	0061.6	022.2	096.9	001.0000	0090.9	030.1	51.50
334.0	005.4000	0062.2	022.2	096.3	001.0000	0090.9	030.3	51.35
335.0	005.4000	0062.8	022.3	095.8	001.0000	0090.9	030.6	51.20
336.0	005.4000	0063.5	022.4	095.3	001.0000	0090.8	030.9	51.05
337.0	005.4000	0064.5	022.6	094.6	001.0000	0090.8	031.2	50.91
338.0	005.4000	0066.0	022.8	094.0	001.0000	0090.8	031.4	50.77
339.0	005.4000	0067.7	023.1	093.2	001.0000	0090.7	031.7	50.64
340.0	005.4000	0069.8	023.4	092.4	001.0000	0090.6	031.9	50.51
341.0	005.4000	0072.0	023.7	091.6	001.0000	0090.6	032.2	50.39
342.0	005.4000	0074.1	024.0	090.8	001.0000	0090.5	032.5	50.24
343.0	005.4000	0076.3	024.3	090.1	001.0000	0090.4	032.8	50.09
344.0	005.4000	0078.4	024.6	089.3	001.0000	0090.3	033.1	49.93
345.0	005.4000	0080.0	024.9	088.8	001.0000	0090.3	033.5	49.76
346.0	005.4000	0081.3	025.1	088.3	001.0000	0090.2	033.8	49.58
347.0	005.4000	0082.0	025.2	087.9	001.0000	0090.2	034.2	49.39
348.0	005.4000	0082.4	025.2	087.7	001.0000	0090.2	034.7	49.20
349.0	005.4000	0082.4	025.2	087.6	001.0000	0090.2	035.1	49.01
350.0	005.4000	0082.3	025.2	087.5	001.0000	0090.2	035.5	48.81
351.0	005.4000	0082.0	025.2	087.5	001.0000	0090.2	036.0	48.61
352.0	005.4000	0081.6	025.1	087.5	001.0000	0090.2	036.4	48.42
353.0	005.4000	0081.5	025.1	087.5	001.0000	0090.1	036.9	48.22
354.0	005.4000	0081.5	025.1	087.4	001.0000	0090.1	037.3	48.03
355.0	005.4000	0081.5	025.1	087.4	001.0000	0090.1	037.7	47.84
356.0	005.4000	0081.4	025.1	087.4	001.0000	0090.1	038.2	47.65
357.0	005.4000	0081.4	025.1	087.4	001.0000	0090.1	038.6	47.46
358.0	005.4000	0081.3	025.1	087.4	001.0000	0090.1	039.0	47.28
359.0	005.4000	0081.0	025.0	087.5	001.0000	0090.1	039.5	47.09
000.0	005.4000	0080.6	025.0	087.6	001.0000	0090.2	039.9	46.92
001.0	005.4000	0080.5	024.9	087.6	001.0000	0090.2	040.4	46.74

06-15-2007 30 Arc-Sec. Sec. Terrain Data

WOAR BLED20060803ADL
Channel = 202A
Max ERP = 1 kW
RCAMSL = 425 M
N. Lat = 39 55 54.0
W. Lng = 83 36 36.0
Protected
60 dBu

WWGV.A
Channel = 201A
Max ERP = 5.4 kW
RCAMSL = 327 M
N. Lat = 39 43 16.0
W. Lng = 83 08 36.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
060.0	001.0000	0083.8	016.8	321.6	005.4000	0056.1	040.7	50.24
061.0	001.0000	0083.7	016.8	321.5	005.4000	0056.1	040.4	50.35
062.0	001.0000	0083.8	016.8	321.5	005.4000	0055.5	040.1	50.39
063.0	001.0000	0084.0	016.8	321.4	005.4000	0055.5	039.8	50.50
064.0	001.0000	0084.2	016.9	321.4	005.4000	0055.5	039.5	50.60
065.0	001.0000	0084.4	016.9	321.3	005.4000	0055.5	039.2	50.72
066.0	001.0000	0084.8	016.9	321.3	005.4000	0055.5	038.9	50.83
067.0	001.0000	0085.1	017.0	321.2	005.4000	0055.5	038.6	50.94
068.0	001.0000	0085.4	017.0	321.1	005.4000	0055.5	038.3	51.05
069.0	001.0000	0085.7	017.0	321.0	005.4000	0055.5	038.0	51.17
070.0	001.0000	0085.8	017.1	320.9	005.4000	0055.5	037.7	51.28
071.0	001.0000	0086.1	017.1	320.8	005.4000	0055.5	037.5	51.39
072.0	001.0000	0086.3	017.1	320.7	005.4000	0055.5	037.2	51.51
073.0	001.0000	0086.5	017.1	320.5	005.4000	0055.5	036.9	51.62
074.0	001.0000	0086.8	017.2	320.4	005.4000	0055.1	036.6	51.67
075.0	001.0000	0087.1	017.2	320.2	005.4000	0055.1	036.3	51.79
076.0	001.0000	0087.5	017.2	320.1	005.4000	0055.1	036.0	51.91
077.0	001.0000	0087.9	017.3	319.9	005.3907	0055.1	035.7	52.02
078.0	001.0000	0088.2	017.3	319.8	005.3670	0055.1	035.4	52.11
079.0	001.0000	0088.5	017.4	319.6	005.3398	0055.1	035.2	52.20
080.0	001.0000	0088.7	017.4	319.4	005.3104	0054.9	034.9	52.26
081.0	001.0000	0089.0	017.4	319.1	005.2804	0054.9	034.6	52.35
082.0	001.0000	0089.3	017.5	318.9	005.2493	0054.9	034.3	52.44
083.0	001.0000	0089.5	017.5	318.7	005.2149	0054.9	034.1	52.52
084.0	001.0000	0089.8	017.5	318.4	005.1786	0054.8	033.8	52.59
085.0	001.0000	0090.0	017.5	318.1	005.1405	0054.8	033.6	52.66
086.0	001.0000	0090.1	017.5	317.8	005.0990	0054.8	033.3	52.73
087.0	001.0000	0090.1	017.5	317.5	005.0556	0054.8	033.1	52.80
088.0	001.0000	0090.2	017.6	317.2	005.0106	0054.8	032.8	52.87
089.0	001.0000	0090.3	017.6	316.8	004.9641	0054.8	032.6	52.93
090.0	001.0000	0090.4	017.6	316.5	004.9167	0054.9	032.4	52.99
091.0	001.0000	0090.5	017.6	316.1	004.8680	0054.9	032.1	53.04
092.0	001.0000	0090.6	017.6	315.7	004.8177	0054.9	031.9	53.10
093.0	001.0000	0090.7	017.6	315.3	004.7657	0054.9	031.7	53.16

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
094.0	001.0000	0090.8	017.6	314.9	004.7122	0054.9	031.5	53.20
095.0	001.0000	0090.8	017.6	314.5	004.6572	0055.1	031.3	53.27
096.0	001.0000	0090.9	017.6	314.0	004.6008	0055.1	031.1	53.31
097.0	001.0000	0090.9	017.6	313.6	004.5426	0055.1	030.9	53.35
098.0	001.0000	0090.8	017.6	313.1	004.4825	0055.4	030.7	53.41
099.0	001.0000	0090.7	017.6	312.6	004.4205	0055.4	030.6	53.43
100.0	001.0000	0090.5	017.6	312.1	004.3574	0055.7	030.4	53.50
101.0	001.0000	0090.4	017.6	311.6	004.2935	0055.7	030.3	53.51
102.0	001.0000	0090.3	017.6	311.1	004.2289	0055.9	030.1	53.55
103.0	001.0000	0090.1	017.5	310.6	004.1640	0055.9	030.0	53.55
104.0	001.0000	0089.9	017.5	310.0	004.0980	0056.0	029.9	53.56
105.0	001.0000	0089.8	017.5	309.5	004.0800	0055.9	029.8	53.59
106.0	001.0000	0089.6	017.5	308.9	004.0629	0055.9	029.7	53.63
107.0	001.0000	0089.6	017.5	308.4	004.0458	0055.8	029.6	53.65
108.0	001.0000	0089.6	017.5	307.8	004.0288	0055.8	029.5	53.69
109.0	001.0000	0089.6	017.5	307.2	004.0115	0055.7	029.4	53.71
110.0	001.0000	0089.6	017.5	306.7	003.9938	0055.7	029.3	53.74
111.0	001.0000	0089.4	017.5	306.1	003.9758	0055.6	029.2	53.75
112.0	001.0000	0089.2	017.4	305.5	003.9577	0055.6	029.2	53.75
113.0	001.0000	0088.9	017.4	304.9	003.9395	0055.6	029.1	53.75
114.0	001.0000	0088.6	017.4	304.3	003.9213	0055.6	029.1	53.74
115.0	001.0000	0088.3	017.3	303.7	003.9031	0055.6	029.1	53.73
116.0	001.0000	0088.0	017.3	303.1	003.8848	0055.5	029.1	53.70
117.0	001.0000	0087.6	017.3	302.5	003.8668	0055.5	029.1	53.67
118.0	001.0000	0087.3	017.2	301.9	003.8488	0055.5	029.1	53.64
119.0	001.0000	0087.0	017.2	301.3	003.8309	0055.4	029.1	53.60
120.0	001.0000	0086.7	017.2	300.7	003.8131	0055.4	029.2	53.56
121.0	001.0000	0086.4	017.1	300.1	003.7955	0055.4	029.2	53.52
122.0	001.0000	0086.1	017.1	299.5	003.7908	0055.4	029.2	53.49
123.0	001.0000	0085.9	017.1	298.9	003.7893	0055.3	029.3	53.46
124.0	001.0000	0085.7	017.0	298.4	003.7877	0055.3	029.3	53.42
125.0	001.0000	0085.4	017.0	297.8	003.7861	0055.3	029.4	53.39
126.0	001.0000	0085.2	017.0	297.2	003.7846	0055.3	029.5	53.34
127.0	001.0000	0085.0	017.0	296.7	003.7831	0055.3	029.5	53.30
128.0	001.0000	0084.7	016.9	296.1	003.7816	0055.3	029.6	53.25
129.0	001.0000	0084.5	016.9	295.6	003.7801	0055.3	029.7	53.20
130.0	001.0000	0084.4	016.9	295.0	003.7786	0055.3	029.8	53.15
131.0	001.0000	0084.2	016.9	294.5	003.7772	0055.4	029.9	53.11
132.0	001.0000	0084.1	016.9	294.0	003.7758	0055.4	030.0	53.05
133.0	001.0000	0084.0	016.9	293.4	003.7743	0055.5	030.1	53.01
134.0	001.0000	0083.9	016.8	292.9	003.7729	0055.5	030.2	52.95
135.0	001.0000	0083.9	016.8	292.4	003.7716	0055.6	030.3	52.91
136.0	001.0000	0083.8	016.8	291.9	003.7702	0055.6	030.5	52.84
137.0	001.0000	0083.7	016.8	291.4	003.7689	0055.8	030.6	52.79
138.0	001.0000	0083.7	016.8	290.9	003.7675	0055.8	030.7	52.72
139.0	001.0000	0083.6	016.8	290.5	003.7662	0055.9	030.9	52.67
140.0	001.0000	0083.6	016.8	290.0	003.7654	0055.9	031.0	52.60
141.0	001.0000	0083.6	016.8	289.5	003.7750	0055.9	031.2	52.54
142.0	001.0000	0083.6	016.8	289.1	003.7845	0056.0	031.3	52.49
143.0	001.0000	0083.6	016.8	288.6	003.7938	0056.0	031.5	52.43
144.0	001.0000	0083.7	016.8	288.2	003.8030	0056.1	031.7	52.37

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
145.0	001.0000	0083.7	016.8	287.7	003.8120	0056.1	031.8	52.31
146.0	001.0000	0083.8	016.8	287.3	003.8209	0056.2	032.0	52.25
147.0	001.0000	0083.9	016.8	286.9	003.8296	0056.2	032.2	52.18
148.0	001.0000	0084.0	016.9	286.5	003.8383	0056.3	032.4	52.12
149.0	001.0000	0084.2	016.9	286.1	003.8467	0056.3	032.6	52.05
150.0	001.0000	0084.2	016.9	285.7	003.8547	0056.3	032.7	51.98
151.0	001.0000	0084.3	016.9	285.3	003.8624	0056.4	033.0	51.91
152.0	001.0000	0084.3	016.9	285.0	003.8700	0056.4	033.2	51.83
153.0	001.0000	0084.3	016.9	284.6	003.8770	0056.4	033.4	51.74
154.0	001.0000	0084.0	016.9	284.3	003.8832	0056.4	033.6	51.66
155.0	001.0000	0083.7	016.8	284.1	003.8889	0056.4	033.9	51.56
156.0	001.0000	0083.4	016.8	283.8	003.8942	0056.4	034.1	51.45
157.0	001.0000	0082.9	016.7	283.6	003.8987	0056.4	034.4	51.35
158.0	001.0000	0082.2	016.6	283.4	003.9025	0056.5	034.7	51.24
159.0	001.0000	0081.6	016.6	283.3	003.9060	0056.5	035.0	51.13
160.0	001.0000	0081.0	016.5	283.1	003.9094	0056.5	035.2	51.02
161.0	001.0000	0080.5	016.4	282.9	003.9130	0056.5	035.5	50.91
162.0	001.0000	0080.1	016.4	282.8	003.9167	0056.5	035.8	50.80
163.0	001.0000	0079.6	016.3	282.6	003.9200	0056.5	036.1	50.70
164.0	001.0000	0079.2	016.3	282.5	003.9229	0056.5	036.3	50.59
165.0	001.0000	0078.7	016.2	282.3	003.9257	0056.5	036.6	50.49
166.0	001.0000	0078.3	016.2	282.2	003.9284	0056.5	036.9	50.38
167.0	001.0000	0077.9	016.1	282.1	003.9311	0056.5	037.2	50.27
168.0	001.0000	0077.5	016.1	282.0	003.9333	0056.5	037.4	50.17
169.0	001.0000	0077.0	016.0	281.9	003.9350	0056.5	037.7	50.06
170.0	001.0000	0076.5	016.0	281.8	003.9367	0056.5	038.0	49.95
171.0	001.0000	0076.1	015.9	281.7	003.9383	0056.5	038.3	49.84
172.0	001.0000	0075.8	015.9	281.6	003.9403	0056.5	038.6	49.74
173.0	001.0000	0075.7	015.9	281.5	003.9430	0056.5	038.8	49.64
174.0	001.0000	0075.9	015.9	281.4	003.9463	0056.6	039.1	49.55
175.0	001.0000	0076.3	015.9	281.2	003.9502	0056.6	039.3	49.46
176.0	001.0000	0076.8	016.0	281.0	003.9539	0056.6	039.6	49.37
177.0	001.0000	0077.2	016.0	280.8	003.9577	0056.6	039.8	49.27
178.0	001.0000	0077.7	016.1	280.7	003.9612	0056.6	040.1	49.18
179.0	001.0000	0078.0	016.1	280.5	003.9642	0056.6	040.4	49.08
180.0	001.0000	0078.8	016.2	280.3	003.9685	0056.6	040.6	49.00