

11-05-2021

Terrain Data: GLOBE 30 Sec

FMOver Analysis

NEW!

WVVS-FM BLED20160407AAF

Channel = 214C1
 Max ERP = 100 kW
 RCAMSL = 95.8 m
 N. Lat. 30 19 57.70
 W. Lng. 83 19 27.90
 Protected
 60 dBu

Channel = 215A
 Max ERP = 3.2 kW
 RCAMSL = 118.9 m
 N. Lat. 30 50 49.30
 W. Lng. 83 14 12.60
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
308.0	004.6656	0066.6	022.1	210.7	003.2000	0053.4	050.6	44.37	
309.0	004.4100	0066.6	021.9	210.3	003.2000	0053.5	050.3	44.48	
310.0	004.2025	0066.3	021.6	209.9	003.2000	0053.6	050.0	44.59	
311.0	004.2849	0065.8	021.6	209.8	003.2000	0053.6	049.6	44.71	
312.0	004.3264	0065.2	021.6	209.7	003.2000	0053.6	049.2	44.82	
313.0	004.3681	0064.9	021.6	209.6	003.2000	0053.6	048.9	44.93	
314.0	004.4100	0064.8	021.6	209.6	003.2000	0053.7	048.5	45.04	
315.0	004.6225	0064.8	021.8	209.7	003.2000	0053.6	048.1	45.17	
316.0	004.8400	0064.8	022.1	209.9	003.2000	0053.6	047.6	45.29	
317.0	005.0625	0065.0	022.3	210.0	003.2000	0053.6	047.2	45.43	
318.0	005.2900	0065.4	022.6	210.2	003.2000	0053.5	046.7	45.56	
319.0	005.5696	0065.7	022.9	210.5	003.2000	0053.5	046.2	45.71	
320.0	005.8081	0065.8	023.2	210.6	003.2000	0053.4	045.8	45.85	
321.0	006.1504	0065.7	023.5	210.7	003.2000	0053.4	045.3	45.99	
322.0	006.4516	0065.5	023.7	210.8	003.2000	0053.4	044.8	46.14	
323.0	006.7600	0065.2	023.9	210.9	003.2000	0053.3	044.4	46.30	
324.0	007.0756	0065.1	024.1	210.9	003.2000	0053.3	043.9	46.45	
325.0	007.4529	0065.0	024.4	211.1	003.2000	0053.3	043.4	46.62	
326.0	007.7841	0065.1	024.7	211.1	003.2000	0053.3	042.9	46.78	
327.0	008.1225	0065.3	024.9	211.2	003.2000	0053.3	042.4	46.96	
328.0	008.4681	0065.3	025.2	211.2	003.2000	0053.3	041.9	47.13	
329.0	008.8804	0065.4	025.4	211.3	003.2000	0053.2	041.4	47.31	
330.0	009.2416	0065.5	025.7	211.3	003.2000	0053.2	040.9	47.50	
331.0	009.7344	0065.6	026.0	211.4	003.2000	0053.2	040.3	47.69	
332.0	010.2400	0065.5	026.3	211.4	003.2000	0053.2	039.8	47.89	
333.0	010.6929	0065.4	026.5	211.3	003.2000	0053.2	039.3	48.08	
334.0	011.2225	0065.4	026.8	211.3	003.2000	0053.2	038.7	48.29	
335.0	011.7649	0065.4	027.1	211.3	003.2000	0053.2	038.2	48.50	
336.0	012.3201	0065.0	027.3	211.2	003.2000	0053.3	037.7	48.71	
337.0	012.8881	0064.2	027.4	210.9	003.2000	0053.3	037.2	48.90	
338.0	013.3956	0063.4	027.5	210.6	003.2000	0053.4	036.8	49.08	
339.0	013.9876	0062.7	027.7	210.3	003.2000	0053.5	036.3	49.28	
340.0	014.5924	0062.4	027.9	210.1	003.2000	0053.5	035.8	49.50	
341.0	014.7456	0062.3	027.9	209.6	003.2000	0053.7	035.4	49.67	
342.0	014.8225	0062.4	028.0	209.1	003.2000	0053.7	035.0	49.85	
343.0	014.9769	0062.5	028.1	208.7	003.2000	0053.8	034.6	50.03	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
344.0	015.0544	0062.3	028.1	208.1	003.2000	0053.9	034.2	50.18
345.0	015.2100	0061.9	028.1	207.5	003.2000	0053.9	033.9	50.32
346.0	015.3664	0061.6	028.1	206.9	003.2000	0053.9	033.6	50.46
347.0	015.4449	0061.4	028.1	206.2	003.2000	0054.0	033.3	50.60
348.0	015.6025	0061.8	028.2	205.7	003.2000	0054.0	032.8	50.78
349.0	015.6816	0062.4	028.3	205.2	003.2000	0054.0	032.4	50.97
350.0	015.8404	0063.1	028.6	204.7	003.2000	0054.1	032.0	51.17
351.0	015.2881	0063.6	028.4	203.8	003.2000	0054.3	031.8	51.28
352.0	014.6689	0063.9	028.2	202.8	003.2000	0054.6	031.7	51.35
353.0	014.1376	0064.0	028.0	201.8	003.2000	0054.8	031.7	51.41
354.0	013.5424	0063.9	027.7	200.8	003.2000	0054.8	031.7	51.40
355.0	013.0321	0063.9	027.5	199.9	003.2000	0054.7	031.7	51.39
356.0	012.5316	0063.5	027.2	198.9	003.2000	0054.7	031.8	51.34
357.0	011.9716	0063.1	026.8	197.8	003.2000	0054.7	032.0	51.27
358.0	011.4921	0062.6	026.5	196.9	003.2000	0054.8	032.1	51.22
359.0	010.9561	0062.5	026.2	195.9	003.2000	0054.8	032.2	51.17
000.0	010.4976	0062.5	025.9	195.0	003.2000	0054.7	032.4	51.10
001.0	010.2400	0062.5	025.8	194.2	003.2000	0054.5	032.4	51.05
002.0	009.9856	0062.7	025.7	193.4	003.2000	0054.1	032.4	50.98
003.0	009.6721	0062.9	025.5	192.5	003.2000	0053.8	032.5	50.90
004.0	009.4249	0063.1	025.4	191.7	003.2000	0053.4	032.5	50.83
005.0	009.1809	0063.0	025.2	190.9	003.2000	0053.1	032.6	50.72
006.0	008.9401	0062.5	025.0	190.1	003.2000	0052.7	032.8	50.59
007.0	008.7025	0062.1	024.8	189.4	003.2000	0052.3	033.0	50.45
008.0	008.4100	0061.8	024.5	188.6	003.2000	0052.0	033.2	50.29
009.0	008.1796	0062.2	024.5	187.9	003.2000	0051.9	033.3	50.23
010.0	007.9524	0062.7	024.4	187.1	003.2000	0051.8	033.4	50.18
011.0	008.2369	0063.2	024.7	186.4	003.2000	0051.8	033.2	50.28
012.0	008.5264	0063.3	024.9	185.6	003.2000	0052.0	033.0	50.39
013.0	008.8209	0063.7	025.1	184.8	003.2000	0052.2	032.8	50.51
014.0	009.1204	0064.2	025.4	183.9	003.2000	0052.2	032.6	50.59
015.0	009.4249	0064.8	025.7	183.1	003.2000	0052.5	032.4	50.72
016.0	009.6721	0065.3	025.9	182.2	003.2000	0052.7	032.3	50.81
017.0	009.9856	0065.5	026.1	181.3	003.2000	0052.8	032.2	50.87
018.0	010.3041	0065.6	026.3	180.4	003.2000	0053.1	032.1	50.95
019.0	010.6276	0065.7	026.5	179.5	003.2000	0053.8	032.1	51.06
020.0	010.9561	0065.7	026.7	178.7	003.2000	0054.3	032.1	51.15
021.0	011.4921	0065.5	027.0	177.7	003.2000	0054.9	032.0	51.27
022.0	012.0409	0065.5	027.3	176.7	003.2000	0055.5	032.0	51.40
023.0	012.6025	0065.6	027.6	175.7	003.2000	0056.0	031.9	51.49
024.0	013.1769	0065.9	027.9	174.7	003.2000	0055.9	031.8	51.50
025.0	013.7641	0066.3	028.2	173.6	003.2000	0055.4	031.8	51.44
026.0	014.4400	0066.5	028.6	172.5	003.2000	0054.3	031.8	51.30
027.0	015.1321	0066.6	028.9	171.4	003.2000	0053.7	031.8	51.19
028.0	015.8404	0066.9	029.3	170.3	003.2000	0053.8	031.8	51.20
029.0	016.5649	0067.4	029.7	169.2	003.2000	0054.3	031.8	51.27
030.0	017.3889	0068.0	030.1	167.9	003.2000	0054.3	031.8	51.26
031.0	018.1476	0068.4	030.5	166.7	003.2000	0054.2	031.9	51.23
032.0	019.0096	0068.8	030.9	165.5	003.2000	0054.4	032.0	51.20
033.0	019.9809	0069.0	031.3	164.3	003.2000	0054.6	032.1	51.19
034.0	020.8849	0069.3	031.7	163.2	003.2000	0054.8	032.3	51.15

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
035.0	021.9024	0069.4	032.1	162.0	003.2000	0055.2	032.5	51.13
036.0	022.8484	0069.4	032.4	161.0	003.2000	0055.6	032.7	51.07
037.0	024.0100	0069.3	032.8	159.9	003.2000	0056.1	033.0	51.02
038.0	025.1001	0069.2	033.1	158.9	003.2000	0056.1	033.3	50.90
039.0	026.3169	0069.2	033.5	157.8	003.2000	0055.8	033.6	50.71
040.0	027.5625	0069.4	033.9	156.7	003.2000	0055.4	034.0	50.51
041.0	028.8369	0069.6	034.3	155.7	003.2000	0055.4	034.3	50.37
042.0	030.1401	0069.8	034.7	154.7	003.2000	0055.7	034.7	50.24
043.0	031.5844	0070.0	035.1	153.7	003.2000	0055.8	035.1	50.08
044.0	033.0625	0070.2	035.5	152.7	003.2000	0055.7	035.6	49.89
045.0	034.6921	0070.2	035.9	151.8	003.2000	0055.7	036.1	49.70
046.0	036.2404	0070.2	036.3	151.0	003.2000	0055.8	036.6	49.50
047.0	037.9456	0070.2	036.6	150.3	003.2000	0055.9	037.1	49.31
048.0	039.8161	0070.3	037.0	149.4	003.2000	0056.1	037.6	49.12
049.0	041.6025	0070.5	037.4	148.7	003.2000	0056.2	038.2	48.92
050.0	043.5600	0070.8	037.9	147.9	003.2000	0056.4	038.8	48.72
051.0	045.6976	0071.1	038.3	147.1	003.2000	0056.7	039.4	48.54
052.0	047.8864	0071.5	038.8	146.4	003.2000	0057.3	040.0	48.37
053.0	050.1264	0071.5	039.2	145.8	003.2000	0057.9	040.7	48.20
054.0	052.4176	0071.4	039.5	145.3	003.2000	0058.4	041.4	48.02
055.0	054.9081	0071.3	039.8	144.8	003.2000	0058.8	042.0	47.82
056.0	057.4564	0071.3	040.2	144.3	003.2000	0059.1	042.8	47.60
057.0	060.2176	0071.6	040.7	143.7	003.2000	0059.3	043.5	47.37
058.0	063.0436	0072.1	041.1	143.2	003.2000	0059.3	044.2	47.10
059.0	066.0969	0072.8	041.7	142.6	003.2000	0059.1	045.0	46.82
060.0	069.0561	0073.4	042.2	142.1	003.2000	0058.9	045.8	46.53
061.0	071.9104	0073.8	042.6	141.7	003.2000	0058.8	046.6	46.26
062.0	074.8225	0074.0	043.0	141.4	003.2000	0058.7	047.4	45.99
063.0	077.7924	0073.9	043.3	141.2	003.2000	0058.7	048.2	45.74
064.0	080.8201	0073.7	043.5	141.1	003.2000	0058.7	049.0	45.49
065.0	083.7225	0073.5	043.8	141.0	003.2000	0058.6	049.8	45.24
066.0	086.8624	0073.5	044.1	140.9	003.2000	0058.6	050.6	44.98
067.0	090.0601	0073.5	044.4	140.8	003.2000	0058.6	051.4	44.72

11-05-2021

Terrain Data: GLOBE 30 Sec

FMOver Analysis

WVVS-FM BLED20160407AAF

NEW!

Channel = 215A

Max ERP = 3.2 kW

RCAMSL = 118.9 m

N. Lat. 30 50 49.30

W. Lng. 83 14 12.60

Protected

60 dBu

Channel = 214C1

Max ERP = 100 kW

RCAMSL = 95.8 m

N. Lat. 30 19 57.70

W. Lng. 83 19 27.90

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
128.0	003.2000	0055.4	018.6	026.7	014.8992	0066.6	051.2	52.24	
129.0	003.2000	0055.5	018.6	026.6	014.8599	0066.6	050.9	52.34	
130.0	003.2000	0055.8	018.6	026.6	014.8429	0066.6	050.6	52.44	
131.0	003.2000	0056.5	018.7	026.6	014.8707	0066.6	050.2	52.56	
132.0	003.2000	0057.3	018.9	026.7	014.9078	0066.6	049.9	52.69	
133.0	003.2000	0057.9	019.0	026.7	014.9025	0066.6	049.5	52.80	
134.0	003.2000	0058.0	019.0	026.6	014.8446	0066.6	049.2	52.89	
135.0	003.2000	0058.1	019.0	026.5	014.7763	0066.6	048.9	52.97	
136.0	003.2000	0058.2	019.0	026.4	014.6996	0066.6	048.6	53.05	
137.0	003.2000	0058.2	019.0	026.2	014.6090	0066.6	048.3	53.12	
138.0	003.2000	0058.3	019.0	026.1	014.5189	0066.5	047.9	53.20	
139.0	003.2000	0058.5	019.1	026.0	014.4336	0066.5	047.6	53.27	
140.0	003.2000	0058.5	019.1	025.8	014.3348	0066.5	047.3	53.34	
141.0	003.2000	0058.6	019.1	025.7	014.2305	0066.5	047.0	53.41	
142.0	003.2000	0058.9	019.1	025.6	014.1395	0066.5	046.7	53.49	
143.0	003.2000	0059.2	019.2	025.4	014.0536	0066.4	046.4	53.57	
144.0	003.2000	0059.2	019.2	025.2	013.9222	0066.4	046.1	53.62	
145.0	003.2000	0058.6	019.1	024.9	013.7199	0066.3	045.8	53.63	
146.0	003.2000	0057.6	018.9	024.5	013.4942	0066.1	045.6	53.61	
147.0	003.2000	0056.8	018.8	024.2	013.2805	0066.0	045.4	53.60	
148.0	003.2000	0056.4	018.7	023.9	013.1045	0065.9	045.2	53.61	
149.0	003.2000	0056.1	018.7	023.6	012.9435	0065.8	044.9	53.63	
150.0	003.2000	0055.9	018.6	023.3	012.7824	0065.7	044.7	53.66	
151.0	003.2000	0055.8	018.6	023.0	012.6204	0065.6	044.5	53.68	
152.0	003.2000	0055.7	018.6	022.8	012.4622	0065.6	044.2	53.70	
153.0	003.2000	0055.7	018.6	022.5	012.3145	0065.5	044.0	53.74	
154.0	003.2000	0055.8	018.6	022.2	012.1633	0065.5	043.7	53.77	
155.0	003.2000	0055.6	018.6	021.9	011.9865	0065.5	043.5	53.78	
156.0	003.2000	0055.4	018.5	021.6	011.8049	0065.5	043.3	53.79	
157.0	003.2000	0055.4	018.6	021.3	011.6448	0065.5	043.0	53.82	
158.0	003.2000	0055.9	018.6	021.0	011.5095	0065.5	042.8	53.88	
159.0	003.2000	0056.2	018.7	020.8	011.3612	0065.6	042.5	53.92	
160.0	003.2000	0056.0	018.7	020.4	011.1729	0065.6	042.3	53.93	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
161.0	003.2000	0055.6	018.6	020.0	010.9593	0065.7	042.2	53.90
162.0	003.2000	0055.2	018.5	019.6	010.8258	0065.7	042.0	53.91
163.0	003.2000	0054.9	018.5	019.2	010.6935	0065.7	041.9	53.91
164.0	003.2000	0054.7	018.4	018.8	010.5654	0065.7	041.7	53.91
165.0	003.2000	0054.5	018.4	018.4	010.4380	0065.7	041.6	53.91
166.0	003.2000	0054.3	018.4	018.0	010.3117	0065.6	041.4	53.91
167.0	003.2000	0054.2	018.3	017.6	010.1870	0065.6	041.3	53.91
168.0	003.2000	0054.3	018.3	017.3	010.0663	0065.5	041.1	53.92
169.0	003.2000	0054.3	018.4	016.9	009.9427	0065.4	040.9	53.91
170.0	003.2000	0054.0	018.3	016.4	009.8063	0065.4	040.8	53.89
171.0	003.2000	0053.6	018.2	016.0	009.6683	0065.3	040.8	53.85
172.0	003.2000	0054.0	018.3	015.6	009.5768	0065.2	040.6	53.86
173.0	003.2000	0054.8	018.4	015.3	009.4923	0065.0	040.3	53.90
174.0	003.2000	0055.7	018.6	014.9	009.4032	0064.8	040.0	53.94
175.0	003.2000	0055.9	018.6	014.5	009.2763	0064.5	039.9	53.90
176.0	003.2000	0056.0	018.6	014.1	009.1431	0064.2	039.8	53.85
177.0	003.2000	0055.3	018.5	013.6	008.9950	0063.9	039.8	53.75
178.0	003.2000	0054.7	018.4	013.1	008.8484	0063.7	039.8	53.65
179.0	003.2000	0054.1	018.3	012.6	008.7043	0063.5	039.8	53.54
180.0	003.2000	0053.5	018.2	012.1	008.5626	0063.4	039.9	53.44
181.0	003.2000	0052.9	018.1	011.6	008.4235	0063.3	039.9	53.34
182.0	003.2000	0052.7	018.1	011.2	008.2919	0063.2	039.9	53.27
183.0	003.2000	0052.5	018.0	010.7	008.1613	0063.1	039.9	53.19
184.0	003.2000	0052.2	018.0	010.3	008.0314	0062.9	039.9	53.09
185.0	003.2000	0052.2	018.0	009.8	007.9908	0062.6	039.9	53.04
186.0	003.2000	0051.8	017.9	009.4	008.0940	0062.4	039.9	53.06
187.0	003.2000	0051.8	017.9	008.9	008.1964	0062.1	039.9	53.09
188.0	003.2000	0051.9	017.9	008.5	008.2991	0061.9	039.9	53.13
189.0	003.2000	0052.2	018.0	008.0	008.4031	0061.8	039.8	53.19
190.0	003.2000	0052.7	018.1	007.6	008.5342	0061.8	039.8	53.29
191.0	003.2000	0053.1	018.1	007.1	008.6693	0062.0	039.7	53.41
192.0	003.2000	0053.5	018.2	006.6	008.7861	0062.3	039.6	53.51
193.0	003.2000	0053.9	018.3	006.2	008.8978	0062.4	039.6	53.60
194.0	003.2000	0054.4	018.4	005.7	009.0113	0062.6	039.6	53.70
195.0	003.2000	0054.7	018.4	005.2	009.1255	0062.8	039.5	53.78
196.0	003.2000	0054.8	018.4	004.8	009.2377	0063.1	039.6	53.85
197.0	003.2000	0054.8	018.4	004.3	009.3478	0063.2	039.7	53.88
198.0	003.2000	0054.7	018.4	003.9	009.4574	0063.1	039.8	53.89
199.0	003.2000	0054.7	018.4	003.4	009.5678	0063.0	039.8	53.89
200.0	003.2000	0054.8	018.4	003.0	009.6809	0062.9	039.9	53.90
201.0	003.2000	0054.8	018.4	002.5	009.8197	0062.8	040.0	53.92
202.0	003.2000	0054.7	018.4	002.1	009.9546	0062.7	040.1	53.92
203.0	003.2000	0054.5	018.4	001.7	010.0646	0062.6	040.3	53.90
204.0	003.2000	0054.3	018.3	001.3	010.1655	0062.5	040.4	53.87
205.0	003.2000	0054.1	018.3	000.9	010.2662	0062.5	040.6	53.85
206.0	003.2000	0054.0	018.3	000.5	010.3686	0062.5	040.7	53.84
207.0	003.2000	0053.9	018.3	000.1	010.4713	0062.5	040.9	53.82
208.0	003.2000	0053.9	018.3	359.7	010.6282	0062.5	041.0	53.83
209.0	003.2000	0053.8	018.3	359.3	010.7999	0062.5	041.2	53.83
210.0	003.2000	0053.6	018.2	359.0	010.9662	0062.5	041.4	53.83
211.0	003.2000	0053.3	018.2	358.6	011.1460	0062.5	041.6	53.82

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
212.0	003.2000	0053.1	018.1	358.3	011.3288	0062.5	041.8	53.82
213.0	003.2000	0053.1	018.1	357.9	011.5165	0062.6	042.0	53.84
214.0	003.2000	0053.2	018.1	357.6	011.6895	0062.8	042.2	53.86
215.0	003.2000	0053.3	018.2	357.2	011.8609	0063.0	042.3	53.88
216.0	003.2000	0053.4	018.2	356.9	012.0377	0063.1	042.5	53.89
217.0	003.2000	0053.5	018.2	356.5	012.2282	0063.3	042.7	53.90
218.0	003.2000	0053.5	018.2	356.2	012.4151	0063.4	042.9	53.92
219.0	003.2000	0053.6	018.2	355.9	012.5869	0063.6	043.1	53.92
220.0	003.2000	0053.6	018.2	355.6	012.7396	0063.7	043.4	53.91
221.0	003.2000	0053.6	018.2	355.3	012.8893	0063.9	043.6	53.89
222.0	003.2000	0053.6	018.2	355.0	013.0369	0063.9	043.8	53.87
223.0	003.2000	0053.7	018.2	354.7	013.1845	0064.0	044.0	53.84
224.0	003.2000	0053.8	018.3	354.4	013.3325	0063.9	044.3	53.81
225.0	003.2000	0053.9	018.3	354.1	013.4818	0063.9	044.5	53.77
226.0	003.2000	0054.1	018.3	353.8	013.6374	0063.9	044.7	53.74
227.0	003.2000	0054.1	018.3	353.6	013.7926	0063.9	045.0	53.71
228.0	003.2000	0054.1	018.3	353.4	013.9254	0063.9	045.2	53.66
229.0	003.2000	0053.8	018.3	353.2	014.0323	0064.0	045.5	53.59
230.0	003.2000	0053.4	018.2	353.0	014.1209	0064.0	045.8	53.51
231.0	003.2000	0053.0	018.1	352.9	014.1980	0064.0	046.1	53.44
232.0	003.2000	0052.7	018.0	352.8	014.2658	0064.0	046.4	53.35
233.0	003.2000	0052.2	018.0	352.6	014.3231	0064.0	046.7	53.27
234.0	003.2000	0051.9	017.9	352.5	014.3842	0064.0	047.1	53.19
235.0	003.2000	0051.8	017.9	352.4	014.4643	0064.0	047.3	53.11
236.0	003.2000	0051.7	017.9	352.2	014.5520	0063.9	047.6	53.05
237.0	003.2000	0051.5	017.8	352.1	014.6182	0063.9	047.9	52.97
238.0	003.2000	0051.1	017.8	352.0	014.6555	0063.9	048.2	52.88
239.0	003.2000	0050.6	017.6	352.0	014.6701	0063.9	048.6	52.78
240.0	003.2000	0050.0	017.5	352.0	014.6761	0063.9	048.9	52.67
241.0	003.2000	0049.5	017.4	352.0	014.6885	0063.9	049.2	52.57
242.0	003.2000	0049.1	017.4	351.9	014.7132	0063.9	049.5	52.48
243.0	003.2000	0049.0	017.3	351.8	014.7678	0063.8	049.8	52.40
244.0	003.2000	0049.1	017.3	351.7	014.8437	0063.8	050.1	52.32
245.0	003.2000	0049.3	017.4	351.6	014.9370	0063.8	050.4	52.26
246.0	003.2000	0049.5	017.4	351.4	015.0258	0063.8	050.7	52.19
247.0	003.2000	0049.6	017.4	351.3	015.0917	0063.7	050.9	52.11