

10-31-2021

Terrain Data: GLOBE 30 Sec

FMOver Analysis

NEW!

Channel = 220C3
 Max ERP = 21.697 kW
 RCAMSL = 243.2 m
 N. Lat. 33 11 44.20
 W. Lng. 83 10 47.60
 Protected
 60 dBu

WJGA-FM BLH20180813AAK
 (^ Max Class Parameters)
 Channel = 221A
 Max ERP = 6 kW
 RCAMSL = 295 m
 N. Lat. 33 16 37.40
 W. Lng. 83 57 58.70
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
217.0	021.6970	0132.7	042.5	131.9	006.0000	0146.7	064.3	49.05	
218.0	021.6970	0131.9	042.4	131.8	006.0000	0146.7	063.5	49.31	
219.0	020.9229	0131.2	042.0	131.5	006.0000	0147.1	062.8	49.58	
220.0	019.9960	0130.6	041.5	131.1	006.0000	0147.4	062.0	49.86	
221.0	019.0900	0130.2	041.1	130.8	006.0000	0147.6	061.3	50.12	
222.0	018.2448	0129.7	040.7	130.3	006.0000	0147.5	060.6	50.37	
223.0	017.4187	0129.0	040.2	129.9	006.0000	0147.1	059.9	50.60	
224.0	016.6118	0128.2	039.7	129.4	006.0000	0146.4	059.2	50.80	
225.0	015.8611	0127.6	039.3	128.9	006.0000	0145.7	058.6	51.00	
226.0	015.1639	0127.2	038.9	128.4	006.0000	0144.8	057.9	51.19	
227.0	014.4825	0126.5	038.4	127.9	006.0000	0143.8	057.3	51.36	
228.0	013.8167	0125.4	037.9	127.2	006.0000	0142.7	056.8	51.51	
229.0	013.2005	0124.1	037.4	126.6	006.0000	0141.5	056.2	51.66	
230.0	012.5982	0122.9	036.9	125.9	006.0000	0140.5	055.7	51.80	
231.0	012.0424	0122.0	036.4	125.3	006.0000	0139.5	055.2	51.94	
232.0	011.4991	0121.2	035.9	124.7	006.0000	0138.7	054.7	52.08	
233.0	010.9683	0120.2	035.4	124.0	006.0000	0138.1	054.3	52.21	
234.0	010.4802	0118.9	034.9	123.2	006.0000	0137.4	053.9	52.33	
235.0	010.0032	0117.7	034.4	122.5	006.0000	0136.5	053.5	52.43	
236.0	009.5661	0116.8	034.0	121.8	006.0000	0135.6	053.1	52.53	
237.0	009.1388	0116.5	033.5	121.1	006.0000	0134.6	052.8	52.61	
238.0	008.7212	0116.4	033.2	120.5	006.0000	0133.6	052.4	52.70	
239.0	008.3403	0116.6	032.8	119.8	006.0000	0132.8	052.0	52.79	
240.0	007.9679	0117.1	032.5	119.3	006.0000	0132.0	051.7	52.89	
241.0	007.6040	0117.8	032.3	118.7	006.0000	0131.3	051.4	52.98	
242.0	007.2486	0118.6	032.0	118.1	006.0000	0130.6	051.0	53.07	
243.0	006.9262	0119.3	031.7	117.5	006.0000	0129.9	050.7	53.15	
244.0	006.6112	0119.7	031.4	116.8	006.0000	0129.0	050.5	53.21	
245.0	006.3268	0119.7	031.1	116.1	006.0000	0127.8	050.2	53.23	
246.0	006.0259	0119.5	030.7	115.4	006.0000	0126.4	050.1	53.23	
247.0	005.7546	0119.2	030.3	114.7	006.0000	0125.1	049.9	53.23	
248.0	005.5114	0119.2	030.0	114.0	006.0000	0124.2	049.7	53.25	
249.0	005.2521	0119.8	029.8	113.4	006.0000	0123.7	049.5	53.30	
250.0	005.0198	0120.8	029.6	112.8	006.0000	0123.8	049.3	53.38	
251.0	004.8133	0122.1	029.4	112.2	006.0000	0124.3	049.1	53.50	
252.0	004.6111	0123.3	029.2	111.6	006.0000	0125.0	048.9	53.62	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
253.0	004.4132	0124.7	029.1	111.1	006.0000	0125.6	048.7	53.73
254.0	004.2197	0126.3	028.9	110.5	006.0000	0126.0	048.5	53.83
255.0	004.0492	0127.9	028.8	109.9	006.0000	0126.1	048.3	53.91
256.0	003.8639	0129.1	028.6	109.3	006.0000	0126.0	048.1	53.95
257.0	003.6829	0129.7	028.4	108.6	006.0000	0125.8	048.1	53.96
258.0	003.5063	0129.9	028.1	108.0	006.0000	0125.3	048.1	53.94
259.0	003.3340	0130.1	027.8	107.3	006.0000	0124.6	048.1	53.90
260.0	003.1661	0129.9	027.5	106.6	006.0000	0123.8	048.2	53.83
261.0	003.1330	0129.2	027.3	106.0	006.0000	0123.2	048.1	53.83
262.0	003.1166	0128.2	027.2	105.4	006.0000	0122.7	048.0	53.84
263.0	003.0838	0126.7	027.0	104.8	006.0000	0122.5	048.0	53.83
264.0	003.0511	0125.4	026.8	104.2	006.0000	0122.6	048.0	53.84
265.0	003.0187	0124.1	026.7	103.6	006.0000	0122.8	048.0	53.85
266.0	003.0025	0123.0	026.5	103.1	006.0000	0122.8	047.9	53.86
267.0	002.9703	0122.5	026.4	102.5	006.0000	0122.9	047.9	53.88
268.0	002.9383	0121.9	026.3	101.9	006.0000	0123.0	047.9	53.89
269.0	002.9223	0121.3	026.2	101.4	006.0000	0123.1	047.9	53.90
270.0	002.8906	0120.7	026.1	100.8	006.0000	0123.0	047.9	53.89
271.0	002.8906	0120.3	026.1	100.3	006.0000	0122.6	047.8	53.89
272.0	002.8906	0120.0	026.1	099.7	006.0000	0122.3	047.8	53.89
273.0	002.8906	0119.8	026.0	099.2	006.0000	0122.1	047.8	53.89
274.0	002.8906	0119.4	026.0	098.6	006.0000	0121.7	047.7	53.88
275.0	002.8906	0118.5	025.9	098.1	006.0000	0121.6	047.8	53.85
276.0	002.8906	0118.2	025.9	097.5	006.0000	0121.5	047.8	53.85
277.0	002.8906	0118.2	025.9	097.0	006.0000	0121.6	047.8	53.85
278.0	002.8906	0118.8	026.0	096.4	006.0000	0121.6	047.7	53.88
279.0	002.8906	0119.4	026.0	095.9	006.0000	0121.4	047.7	53.88
280.0	002.8906	0120.3	026.1	095.4	006.0000	0121.1	047.6	53.88
281.0	002.9543	0121.1	026.3	094.8	006.0000	0120.8	047.5	53.93
282.0	003.0187	0121.5	026.4	094.2	006.0000	0120.4	047.4	53.95
283.0	003.0838	0121.7	026.6	093.6	006.0000	0120.0	047.3	53.96
284.0	003.1496	0121.6	026.7	093.0	006.0000	0119.7	047.3	53.95
285.0	003.2160	0121.5	026.8	092.5	006.0000	0119.3	047.3	53.93
286.0	003.2664	0121.8	026.9	091.9	006.0000	0118.8	047.2	53.91
287.0	003.3340	0122.6	027.1	091.3	006.0000	0118.2	047.2	53.91
288.0	003.4024	0123.7	027.4	090.6	006.0000	0117.7	047.1	53.91
289.0	003.4715	0124.6	027.6	090.0	006.0000	0117.1	047.0	53.89
290.0	003.5413	0124.6	027.7	089.4	006.0000	0116.6	047.1	53.84
291.0	003.7278	0123.8	027.9	088.7	006.0000	0116.3	047.0	53.85
292.0	003.9190	0122.6	028.1	088.1	006.0000	0115.5	047.0	53.79
293.0	004.1151	0121.4	028.3	087.5	006.0000	0114.6	047.1	53.73
294.0	004.3159	0120.5	028.5	086.8	006.0000	0113.7	047.1	53.67
295.0	004.5215	0119.7	028.8	086.1	006.0000	0112.9	047.1	53.61
296.0	004.7319	0119.0	029.0	085.5	006.0000	0112.2	047.2	53.54
297.0	004.9471	0118.2	029.2	084.8	006.0000	0111.4	047.2	53.46
298.0	005.1670	0117.5	029.4	084.1	006.0000	0111.0	047.3	53.39
299.0	005.3918	0117.0	029.7	083.5	006.0000	0111.3	047.4	53.37
300.0	005.6213	0116.6	029.9	082.8	006.0000	0112.0	047.5	53.38
301.0	005.9144	0116.7	030.3	082.0	006.0000	0113.0	047.6	53.43
302.0	006.2149	0116.8	030.6	081.2	006.0000	0113.6	047.6	53.45
303.0	006.5228	0116.5	030.9	080.5	006.0000	0113.7	047.7	53.41

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
304.0	006.8382	0115.6	031.2	079.8	006.0000	0113.5	047.9	53.32
305.0	007.1611	0114.4	031.4	079.2	006.0000	0112.9	048.2	53.19
306.0	007.4914	0113.1	031.5	078.6	006.0000	0112.0	048.5	53.03
307.0	007.8292	0112.3	031.8	078.0	006.0000	0111.3	048.7	52.89
308.0	008.1744	0112.1	032.1	077.3	006.0000	0111.4	048.9	52.80
309.0	008.5270	0111.7	032.4	076.6	006.0000	0111.9	049.2	52.74
310.0	008.8871	0110.9	032.6	076.0	006.0000	0112.5	049.5	52.65
311.0	009.3541	0110.0	032.9	075.4	006.0000	0113.4	049.8	52.59
312.0	009.8330	0109.5	033.2	074.7	006.0000	0114.8	050.1	52.56
313.0	010.3240	0109.6	033.6	074.0	006.0000	0116.1	050.4	52.52
314.0	010.8268	0110.1	034.0	073.2	006.0000	0117.0	050.7	52.47
315.0	011.3417	0110.7	034.5	072.4	006.0000	0117.4	051.0	52.38
316.0	011.8684	0111.1	034.9	071.7	006.0000	0117.7	051.3	52.25
317.0	012.4072	0111.2	035.2	071.0	006.0000	0117.6	051.7	52.09
318.0	012.9579	0111.5	035.6	070.4	006.0000	0117.5	052.2	51.92
319.0	013.5205	0112.4	036.1	069.6	006.0000	0117.4	052.6	51.76
320.0	014.0952	0113.5	036.6	068.9	006.0000	0117.4	053.0	51.59
321.0	014.4825	0114.5	036.9	068.3	006.0000	0117.2	053.5	51.39
322.0	014.8751	0115.5	037.3	067.8	006.0000	0117.0	054.0	51.17
323.0	015.2730	0116.8	037.6	067.2	006.0000	0116.8	054.5	50.95
324.0	015.6761	0118.0	038.0	066.7	006.0000	0116.5	055.1	50.72
325.0	016.0844	0118.6	038.3	066.3	006.0000	0116.1	055.7	50.47
326.0	016.4981	0118.6	038.5	065.9	006.0000	0115.7	056.3	50.21
327.0	016.9169	0118.3	038.7	065.6	006.0000	0115.3	056.9	49.95
328.0	017.3410	0118.3	038.9	065.3	006.0000	0114.9	057.6	49.68
329.0	017.7704	0118.3	039.0	065.1	006.0000	0114.4	058.2	49.41
330.0	018.2050	0117.8	039.2	064.9	006.0000	0114.1	058.9	49.14
331.0	017.4576	0116.3	038.6	065.3	006.0000	0114.9	059.6	48.92
332.0	016.7259	0113.9	038.0	065.9	006.0000	0115.7	060.3	48.71
333.0	016.0098	0111.2	037.3	066.6	006.0000	0116.4	061.0	48.50
334.0	015.3094	0109.0	036.6	067.1	006.0000	0116.7	061.7	48.28
335.0	014.6247	0107.7	036.0	067.6	006.0000	0116.9	062.4	48.06
336.0	013.9904	0107.2	035.6	068.0	006.0000	0117.1	063.0	47.85

10-31-2021

Terrain Data: GLOBE 30 Sec

FMOver Analysis

WJGA-FM BLH20180813AAK
 (^ Max Class Parameters)
 Channel = 221A
 Max ERP = 6 kW
 RCAMSL = 295 m
 N. Lat. 33 16 37.40
 W. Lng. 83 57 58.70
 Protected
 60 dBu

NEW!

Channel = 220C3
 Max ERP = 21.697 kW
 RCAMSL = 243.2 m
 N. Lat. 33 11 44.20
 W. Lng. 83 10 47.60
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
037.0	006.0000	0111.1	029.7	300.9	005.8804	0116.7	064.1	47.38	
038.0	006.0000	0110.6	029.6	300.8	005.8464	0116.7	063.6	47.52	
039.0	006.0000	0110.4	029.6	300.7	005.8222	0116.7	063.1	47.67	
040.0	006.0000	0110.6	029.6	300.6	005.8048	0116.7	062.6	47.83	
041.0	006.0000	0110.6	029.7	300.6	005.7816	0116.7	062.1	47.99	
042.0	006.0000	0110.5	029.6	300.4	005.7498	0116.6	061.6	48.14	
043.0	006.0000	0110.5	029.6	300.3	005.7193	0116.6	061.1	48.29	
044.0	006.0000	0111.0	029.7	300.3	005.7006	0116.6	060.6	48.46	
045.0	006.0000	0111.8	029.8	300.2	005.6915	0116.6	060.0	48.64	
046.0	006.0000	0112.8	029.9	300.2	005.6821	0116.6	059.5	48.83	
047.0	006.0000	0113.3	030.0	300.1	005.6579	0116.6	059.0	49.00	
048.0	006.0000	0113.2	030.0	300.0	005.6116	0116.6	058.5	49.15	
049.0	006.0000	0112.6	029.9	299.7	005.5564	0116.7	058.0	49.28	
050.0	006.0000	0111.9	029.8	299.5	005.4975	0116.8	057.6	49.41	
051.0	006.0000	0111.3	029.7	299.2	005.4382	0116.9	057.1	49.54	
052.0	006.0000	0110.7	029.7	298.9	005.3781	0117.0	056.7	49.67	
053.0	006.0000	0110.3	029.6	298.7	005.3180	0117.1	056.2	49.80	
054.0	006.0000	0110.2	029.6	298.4	005.2647	0117.3	055.7	49.95	
055.0	006.0000	0110.5	029.6	298.2	005.2184	0117.4	055.3	50.10	
056.0	006.0000	0110.7	029.7	298.0	005.1683	0117.5	054.8	50.25	
057.0	006.0000	0110.5	029.6	297.7	005.1045	0117.7	054.4	50.37	
058.0	006.0000	0110.0	029.6	297.4	005.0311	0118.0	053.9	50.49	
059.0	006.0000	0109.5	029.5	297.0	004.9563	0118.2	053.5	50.59	
060.0	006.0000	0109.4	029.5	296.7	004.8871	0118.5	053.1	50.71	
061.0	006.0000	0109.6	029.5	296.4	004.8253	0118.7	052.7	50.84	
062.0	006.0000	0110.3	029.6	296.2	004.7699	0118.9	052.2	50.98	
063.0	006.0000	0111.3	029.7	295.9	004.7206	0119.0	051.7	51.14	
064.0	006.0000	0112.8	029.9	295.7	004.6777	0119.1	051.2	51.31	
065.0	006.0000	0114.3	030.1	295.5	004.6322	0119.3	050.7	51.48	
066.0	006.0000	0115.8	030.3	295.3	004.5813	0119.5	050.2	51.64	
067.0	006.0000	0116.6	030.4	295.0	004.5143	0119.7	049.7	51.77	
068.0	006.0000	0117.1	030.4	294.6	004.4357	0120.0	049.3	51.87	
069.0	006.0000	0117.4	030.4	294.2	004.3522	0120.4	048.9	51.97	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
070.0	006.0000	0117.5	030.4	293.7	004.2626	0120.7	048.5	52.04
071.0	006.0000	0117.6	030.5	293.3	004.1723	0121.1	048.1	52.11
072.0	006.0000	0117.6	030.5	292.8	004.0766	0121.6	047.8	52.17
073.0	006.0000	0117.1	030.4	292.3	003.9718	0122.2	047.5	52.21
074.0	006.0000	0116.0	030.3	291.7	003.8564	0123.0	047.3	52.22
075.0	006.0000	0114.1	030.1	291.0	003.7290	0123.8	047.1	52.17
076.0	006.0000	0112.5	029.9	290.3	003.6059	0124.4	047.0	52.11
077.0	006.0000	0111.6	029.8	289.7	003.5234	0124.7	046.8	52.10
078.0	006.0000	0111.3	029.7	289.2	003.4841	0124.7	046.5	52.15
079.0	006.0000	0112.6	029.9	288.7	003.4519	0124.5	046.2	52.25
080.0	006.0000	0113.6	030.0	288.2	003.4170	0124.0	045.8	52.32
081.0	006.0000	0113.6	030.0	287.6	003.3771	0123.3	045.6	52.34
082.0	006.0000	0113.0	029.9	287.0	003.3339	0122.6	045.4	52.31
083.0	006.0000	0111.8	029.8	286.3	003.2879	0122.0	045.3	52.24
084.0	006.0000	0111.0	029.7	285.7	003.2496	0121.6	045.2	52.22
085.0	006.0000	0111.6	029.8	285.1	003.2202	0121.5	045.0	52.27
086.0	006.0000	0112.8	029.9	284.5	003.1834	0121.5	044.7	52.35
087.0	006.0000	0114.0	030.1	283.9	003.1444	0121.6	044.4	52.42
088.0	006.0000	0115.3	030.2	283.3	003.1047	0121.7	044.1	52.49
089.0	006.0000	0116.3	030.3	282.7	003.0634	0121.7	043.8	52.53
090.0	006.0000	0117.1	030.4	282.0	003.0210	0121.6	043.6	52.55
091.0	006.0000	0118.0	030.5	281.4	002.9782	0121.3	043.5	52.55
092.0	006.0000	0118.9	030.6	280.7	002.9349	0120.9	043.3	52.54
093.0	006.0000	0119.7	030.7	280.0	002.8911	0120.3	043.1	52.51
094.0	006.0000	0120.2	030.8	279.3	002.8906	0119.6	043.0	52.51
095.0	006.0000	0120.9	030.8	278.6	002.8906	0119.1	042.9	52.53
096.0	006.0000	0121.4	030.9	277.9	002.8906	0118.7	042.8	52.54
097.0	006.0000	0121.6	030.9	277.2	002.8906	0118.3	042.8	52.52
098.0	006.0000	0121.5	030.9	276.4	002.8906	0118.1	042.8	52.50
099.0	006.0000	0122.0	030.9	275.7	002.8906	0118.2	042.8	52.52
100.0	006.0000	0122.4	031.0	275.0	002.8906	0118.5	042.8	52.54
101.0	006.0000	0123.0	031.0	274.3	002.8906	0119.2	042.8	52.58
102.0	006.0000	0123.0	031.0	273.5	002.8906	0119.7	042.9	52.57
103.0	006.0000	0122.8	031.0	272.8	002.8906	0119.8	043.0	52.54
104.0	006.0000	0122.7	031.0	272.1	002.8906	0120.0	043.1	52.50
105.0	006.0000	0122.5	031.0	271.4	002.8906	0120.2	043.2	52.45
106.0	006.0000	0123.2	031.1	270.7	002.8906	0120.4	043.3	52.43
107.0	006.0000	0124.3	031.2	270.0	002.8911	0120.7	043.3	52.43
108.0	006.0000	0125.3	031.3	269.3	002.9142	0121.1	043.4	52.46
109.0	006.0000	0126.0	031.4	268.5	002.9296	0121.6	043.5	52.46
110.0	006.0000	0126.1	031.4	267.9	002.9424	0122.0	043.7	52.43
111.0	006.0000	0125.7	031.3	267.2	002.9626	0122.4	044.0	52.37
112.0	006.0000	0124.5	031.2	266.7	002.9811	0122.7	044.3	52.27
113.0	006.0000	0123.7	031.1	266.1	002.9996	0122.9	044.6	52.18
114.0	006.0000	0124.1	031.2	265.4	003.0114	0123.5	044.9	52.14
115.0	006.0000	0125.6	031.3	264.7	003.0270	0124.5	045.0	52.16
116.0	006.0000	0127.5	031.5	264.0	003.0508	0125.4	045.1	52.20
117.0	006.0000	0129.3	031.7	263.3	003.0742	0126.3	045.2	52.22
118.0	006.0000	0130.5	031.9	262.6	003.0964	0127.3	045.5	52.22
119.0	006.0000	0131.7	032.0	262.0	003.1173	0128.3	045.7	52.21
120.0	006.0000	0133.0	032.1	261.3	003.1282	0129.0	045.9	52.17

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
121.0	006.0000	0134.4	032.3	260.6	003.1454	0129.5	046.1	52.13
122.0	006.0000	0135.9	032.5	260.0	003.1718	0129.9	046.4	52.08
123.0	006.0000	0137.1	032.6	259.3	003.2769	0130.1	046.7	52.12
124.0	006.0000	0138.1	032.7	258.7	003.3777	0130.1	047.0	52.12
125.0	006.0000	0139.1	032.8	258.2	003.4781	0130.0	047.3	52.11
126.0	006.0000	0140.5	033.0	257.6	003.5847	0129.8	047.7	52.11
127.0	006.0000	0142.3	033.2	256.9	003.6960	0129.7	048.0	52.11
128.0	006.0000	0144.1	033.4	256.3	003.8087	0129.3	048.3	52.10
129.0	006.0000	0145.9	033.6	255.7	003.9206	0128.7	048.6	52.06
130.0	006.0000	0147.2	033.8	255.1	004.0221	0128.1	049.0	51.98
131.0	006.0000	0147.5	033.8	254.7	004.0947	0127.5	049.5	51.85
132.0	006.0000	0146.5	033.7	254.5	004.1381	0127.1	050.1	51.65
133.0	006.0000	0144.3	033.4	254.4	004.1564	0126.9	050.7	51.42
134.0	006.0000	0141.9	033.2	254.3	004.1666	0126.8	051.3	51.17
135.0	006.0000	0139.9	032.9	254.2	004.1823	0126.7	051.9	50.94
136.0	006.0000	0138.3	032.8	254.1	004.2038	0126.5	052.5	50.72
137.0	006.0000	0136.6	032.6	254.0	004.2198	0126.3	053.1	50.50
138.0	006.0000	0134.6	032.3	254.0	004.2287	0126.3	053.7	50.27
139.0	006.0000	0132.8	032.1	253.9	004.2388	0126.2	054.3	50.04
140.0	006.0000	0131.1	031.9	253.8	004.2491	0126.1	054.9	49.82
141.0	006.0000	0129.7	031.8	253.8	004.2638	0126.0	055.5	49.60
142.0	006.0000	0128.6	031.7	253.7	004.2831	0125.8	056.1	49.40
143.0	006.0000	0128.0	031.6	253.5	004.3082	0125.6	056.6	49.21
144.0	006.0000	0127.7	031.6	253.4	004.3379	0125.3	057.1	49.02
145.0	006.0000	0127.4	031.5	253.2	004.3656	0125.1	057.7	48.84
146.0	006.0000	0126.9	031.5	253.1	004.3874	0124.9	058.2	48.65
147.0	006.0000	0125.9	031.4	253.1	004.3975	0124.8	058.8	48.45
148.0	006.0000	0124.4	031.2	253.1	004.3950	0124.8	059.3	48.24
149.0	006.0000	0122.5	031.0	253.2	004.3828	0124.9	059.9	48.02
150.0	006.0000	0120.6	030.8	253.2	004.3693	0125.0	060.5	47.81
151.0	006.0000	0119.0	030.6	253.3	004.3587	0125.1	061.0	47.60
152.0	006.0000	0117.7	030.5	253.3	004.3525	0125.2	061.6	47.40
153.0	006.0000	0116.4	030.3	253.4	004.3441	0125.3	062.1	47.21
154.0	006.0000	0114.9	030.2	253.4	004.3295	0125.4	062.7	47.01
155.0	006.0000	0113.3	030.0	253.5	004.3107	0125.5	063.2	46.82
156.0	006.0000	0112.5	029.9	253.6	004.3052	0125.6	063.8	46.64