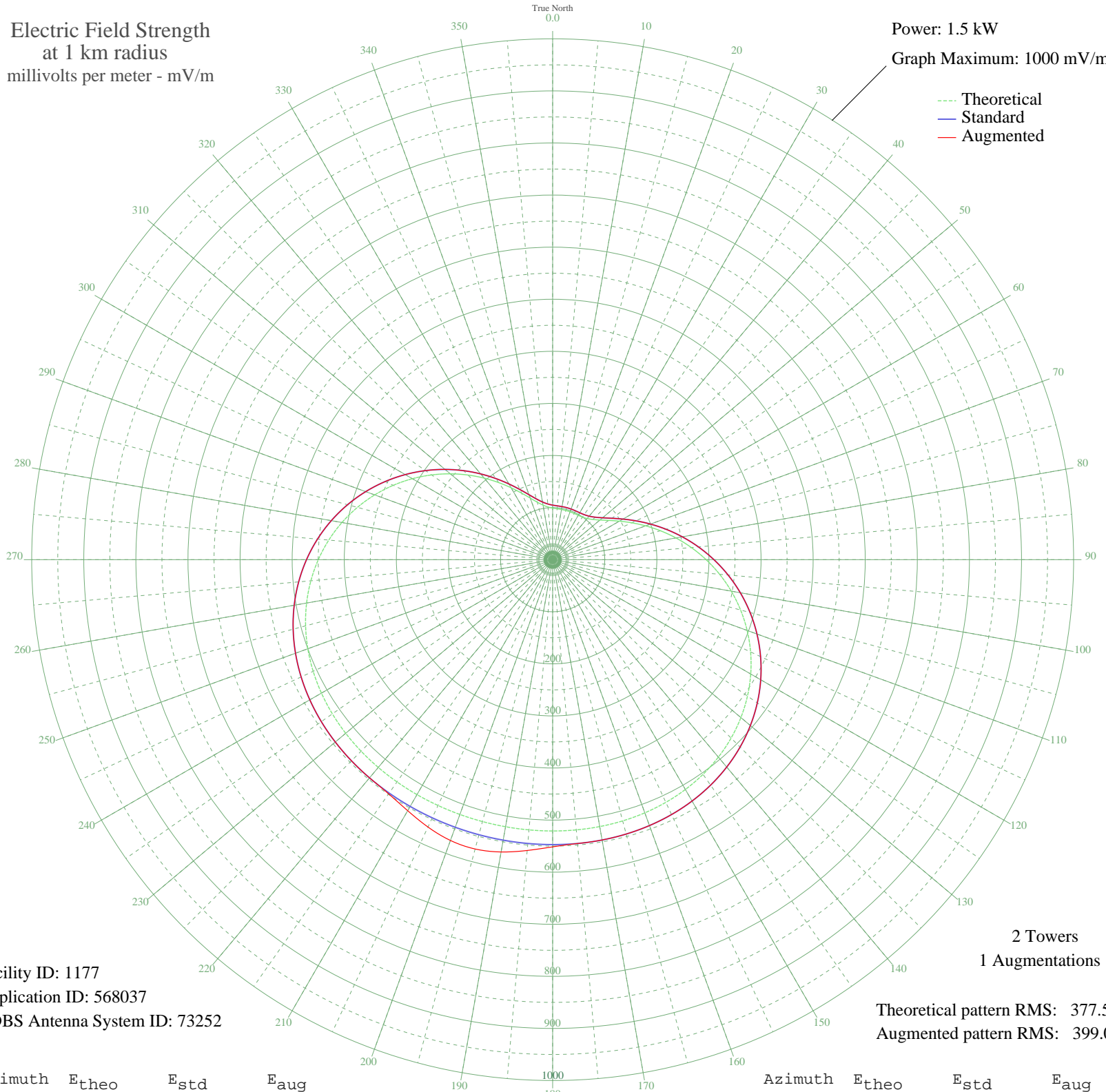


WGUL DUNEDIN, FL BL-20010522ABB 860 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 1.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 1177
Application ID: 568037
CDBS Antenna System ID: 73252

Theoretical pattern RMS: 377.50
Augmented pattern RMS: 399.05

Azimuth	E _{theo}	E _{std}	E _{aug}
0	98.99	104.73	104.73
5	97.99	103.69	103.69
10	97.76	103.45	103.45
15	97.76	103.45	103.45
20	97.75	103.44	103.44
25	97.80	103.49	103.49
30	98.26	103.98	103.98
35	99.76	105.54	105.54
40	103.11	109.03	109.03
45	109.13	115.31	115.31
50	118.47	125.05	125.05
55	131.40	138.57	138.57
60	147.87	155.79	155.79
65	167.52	176.37	176.37
70	189.86	199.77	199.77
75	214.32	225.41	225.41
80	240.31	252.66	252.66
85	267.25	280.91	280.91
90	294.56	309.55	309.55
95	321.70	338.03	338.03
100	348.17	365.80	365.80
105	373.50	392.39	392.39
110	397.30	417.36	417.36
115	419.23	440.37	440.37
120	439.03	461.16	461.16
125	456.55	479.55	479.55
130	471.68	495.43	495.43
135	484.44	508.82	508.82
140	494.89	519.80	519.80
145	503.18	528.50	528.50
150	509.51	535.14	535.14
155	514.12	539.98	539.98
160	517.27	543.29	543.29
165	519.26	545.38	545.38
170	520.36	546.53	546.53
175	520.83	547.02	547.06

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	520.91	547.11	551.40
185	520.80	546.99	560.48
190	520.65	546.84	569.87
195	520.57	546.75	575.09
200	520.59	546.77	573.72
205	520.71	546.90	566.39
210	520.86	547.05	556.53
215	520.91	547.11	548.90
220	520.70	546.89	546.89
225	520.01	546.16	546.16
230	518.59	544.67	544.67
235	516.17	542.13	542.13
240	512.46	538.24	538.24
245	507.20	532.72	532.72
250	500.11	525.28	525.28
255	490.98	515.69	515.69
260	479.62	503.76	503.76
265	465.92	489.38	489.38
270	449.82	472.49	472.49
275	431.38	453.13	453.13
280	410.70	431.42	431.42
285	387.99	407.59	407.59
290	363.53	381.93	381.93
295	337.69	354.81	354.81
300	310.90	326.70	326.70
305	283.63	298.08	298.08
310	256.40	269.52	269.52
315	229.77	241.60	241.60
320	204.32	214.92	214.92
325	180.64	190.11	190.11
330	159.31	167.77	167.77
335	140.88	148.48	148.48
340	125.79	132.71	132.71
345	114.31	120.71	120.71
350	106.36	112.41	112.41
355	101.50	107.34	107.34