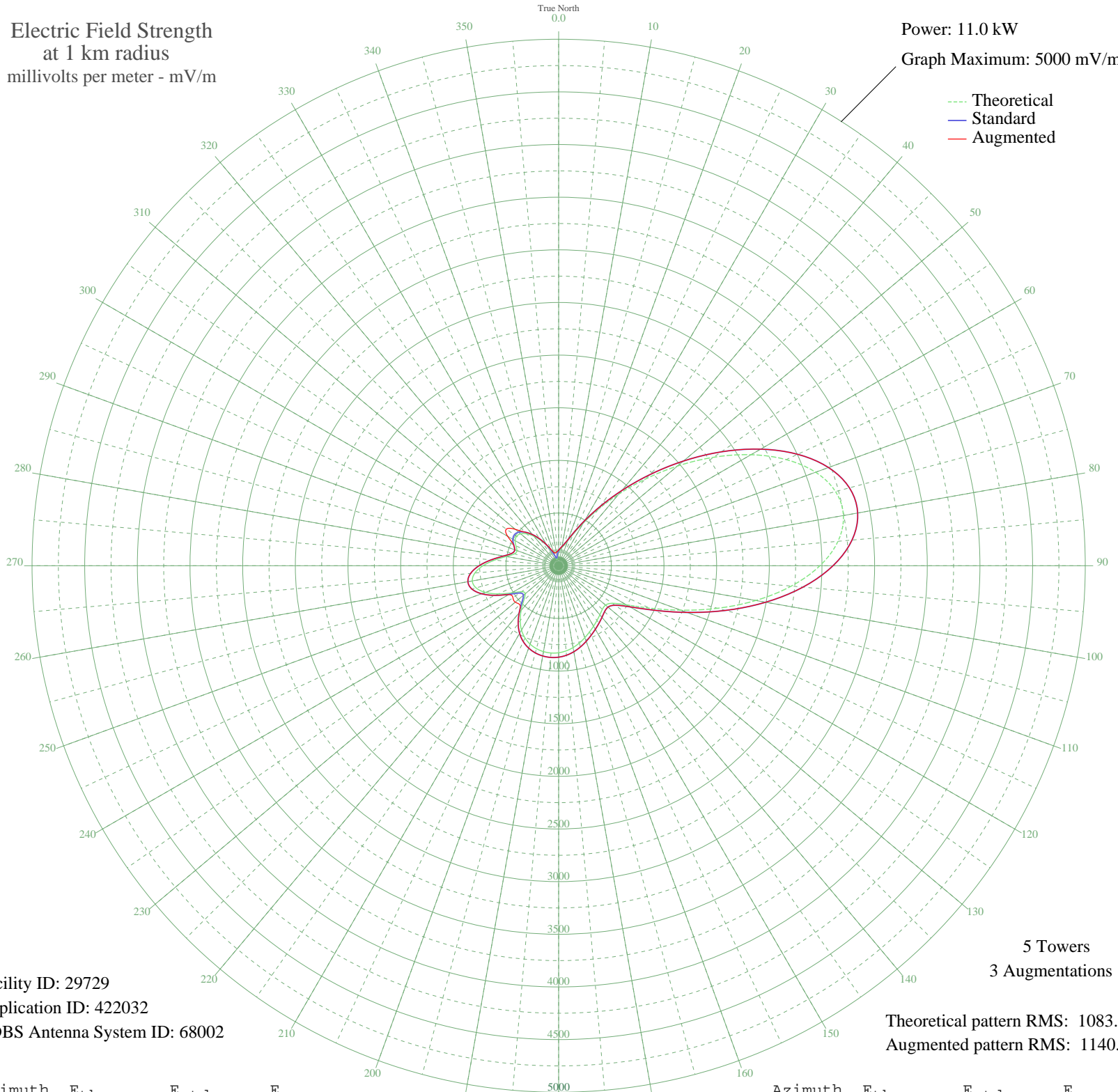


WFLA TAMPA, FL BL-19990916AAP 970 kHz

Nighttime

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

Power: 11.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 29729
Application ID: 422032
CDBS Antenna System ID: 68002

Theoretical pattern RMS: 1083.00
Augmented pattern RMS: 1140.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	132.06	142.97	148.20
5	153.58	164.98	164.98
10	174.48	186.49	186.49
15	203.02	215.99	215.99
20	252.65	267.56	267.56
25	338.22	356.83	356.83
30	470.16	494.89	494.89
35	652.98	686.51	686.51
40	886.01	930.96	930.96
45	1163.23	1221.89	1221.89
50	1472.56	1546.58	1546.58
55	1795.60	1885.71	1885.71
60	2108.59	2214.29	2214.29
65	2384.53	2504.00	2504.00
70	2596.60	2726.66	2726.66
75	2721.96	2858.27	2858.27
80	2745.53	2883.02	2883.02
85	2662.77	2796.12	2796.12
90	2480.83	2605.10	2605.10
95	2217.89	2329.04	2329.04
100	1900.77	1996.11	1996.11
105	1561.58	1640.03	1640.03
110	1234.23	1296.41	1296.41
115	951.56	999.75	999.75
120	742.24	780.13	780.13
125	622.43	654.47	654.47
130	581.55	611.62	611.62
135	586.51	616.82	616.82
140	608.40	639.76	639.76
145	634.52	667.15	667.15
150	662.72	696.72	696.72
155	693.67	729.18	729.18
160	726.83	763.97	763.97
165	759.76	798.51	798.51
170	789.11	829.30	829.30
175	811.93	853.24	853.24

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	826.37	868.39	868.39
185	831.76	874.05	874.05
190	828.09	870.20	870.20
195	815.23	856.70	856.70
200	792.13	832.46	832.46
205	756.50	795.09	795.09
210	705.40	741.49	741.49
215	636.98	669.73	669.73
220	553.93	582.67	582.67
225	469.41	494.11	522.21
230	414.63	436.75	538.19
235	429.49	452.31	529.74
240	515.76	542.67	547.90
245	632.88	665.44	665.44
250	740.56	778.37	778.37
255	812.00	853.32	853.32
260	832.55	874.87	874.87
265	798.82	839.48	839.48
270	718.62	755.35	755.35
275	610.82	642.31	642.31
280	504.67	531.05	531.05
285	435.02	458.10	458.10
290	421.75	444.20	444.20
295	447.28	470.94	471.62
300	476.96	502.01	559.21
305	487.60	513.16	606.36
310	470.92	495.70	538.51
315	428.18	450.94	450.94
320	365.65	385.50	385.50
325	291.61	308.16	308.16
330	214.53	227.94	231.26
335	142.41	153.53	169.63
340	84.63	95.44	134.14
345	60.26	72.22	125.00
350	77.74	88.74	129.46
355	106.39	117.01	137.46