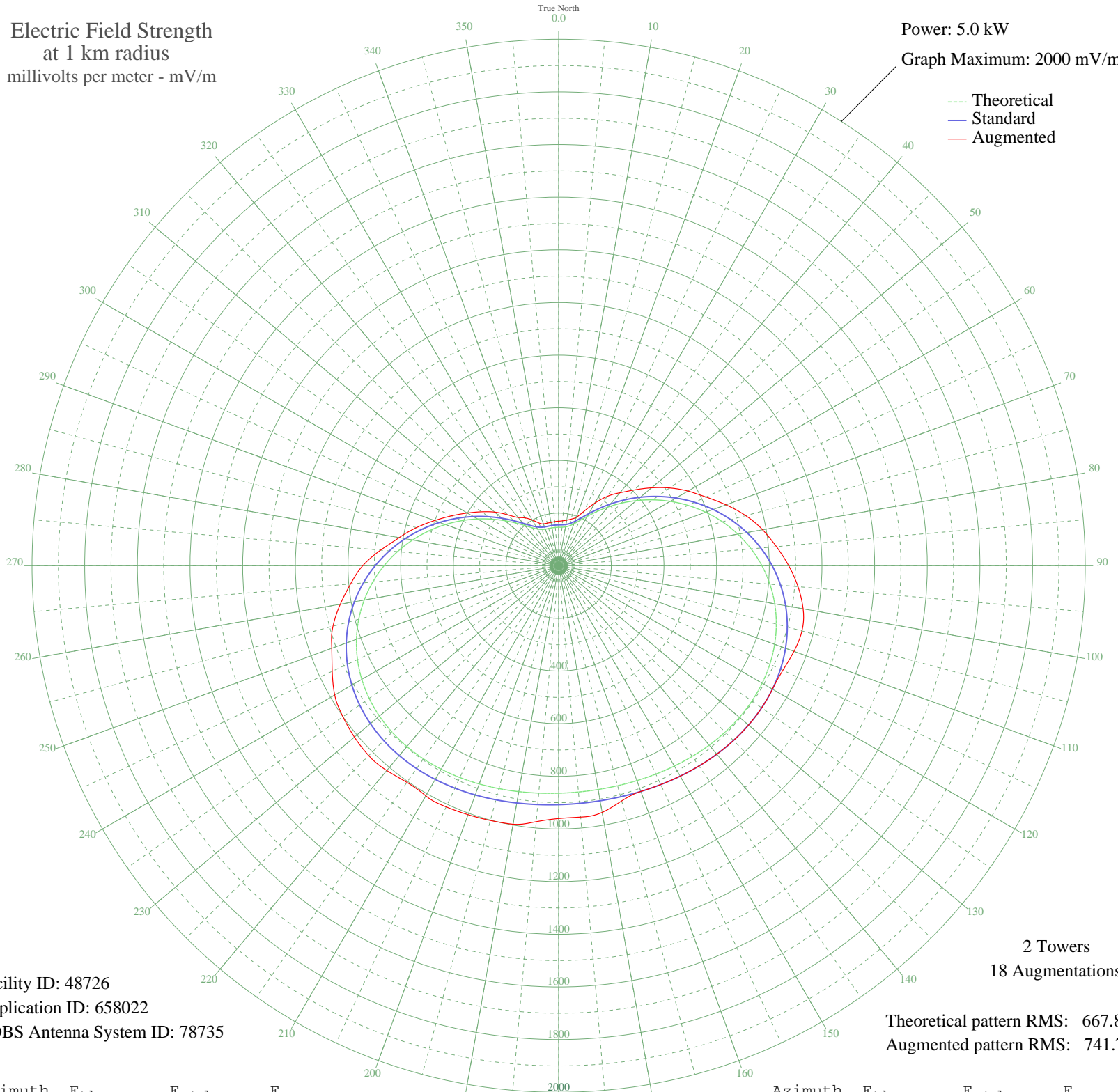


WDBO ORLANDO, FL BL-20030321ADD 580 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 48726
Application ID: 658022
CDBS Antenna System ID: 78735

Theoretical pattern RMS: 667.88
Augmented pattern RMS: 741.75

Azimuth	E _{theo}	E _{std}	E _{aug}
0	146.04	155.13	169.18
5	146.87	155.99	171.22
10	149.79	159.02	175.71
15	156.65	166.15	183.14
20	169.32	179.33	195.52
25	189.08	199.91	228.42
30	216.28	228.31	274.61
35	250.49	264.06	321.67
40	290.77	306.21	361.71
45	335.99	353.57	407.18
50	384.96	404.89	460.23
55	436.46	458.88	514.91
60	489.28	514.28	567.23
65	542.23	569.83	617.64
70	594.18	624.34	676.40
75	644.06	676.67	735.58
80	690.87	725.80	786.68
85	733.80	770.85	830.43
90	772.15	811.10	873.83
95	805.43	846.03	912.64
100	833.35	875.33	942.80
105	855.82	898.92	956.74
110	872.96	916.90	951.08
115	885.05	929.60	939.68
120	892.56	937.48	937.48
125	896.07	941.16	941.16
130	896.26	941.37	941.37
135	893.87	938.86	938.86
140	889.66	934.44	934.44
145	884.37	928.89	928.89
150	878.70	922.94	922.94
155	873.27	917.24	917.24
160	868.61	912.35	912.35
165	865.14	908.70	924.98
170	863.16	906.62	951.47
175	862.82	906.27	958.43

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	864.16	907.67	960.25
185	867.06	910.72	975.97
190	871.29	915.16	997.15
195	876.47	920.59	1001.90
200	882.11	926.52	1006.27
205	887.64	932.31	1010.77
210	892.37	937.28	1009.30
215	895.57	940.64	1004.66
220	896.50	941.62	1015.55
225	894.40	939.42	1020.08
230	888.57	933.30	1012.59
235	878.38	922.59	1000.23
240	863.30	906.77	982.06
245	842.99	885.45	948.84
250	817.25	858.43	917.02
255	786.09	825.73	887.23
260	749.72	787.55	842.14
265	708.55	744.35	793.22
270	663.20	696.76	744.16
275	614.44	645.59	678.86
280	563.20	591.82	614.87
285	510.51	536.55	559.09
290	457.49	480.94	501.62
295	405.32	426.24	448.72
300	355.20	373.70	400.44
305	308.33	324.60	357.21
310	265.93	280.21	316.93
315	229.17	241.77	273.63
320	199.08	210.34	239.17
325	176.33	186.63	221.61
330	160.93	170.60	200.67
335	151.95	161.26	179.66
340	147.69	156.84	168.98
345	146.22	155.32	167.35
350	145.96	155.04	167.05
355	145.95	155.03	168.18