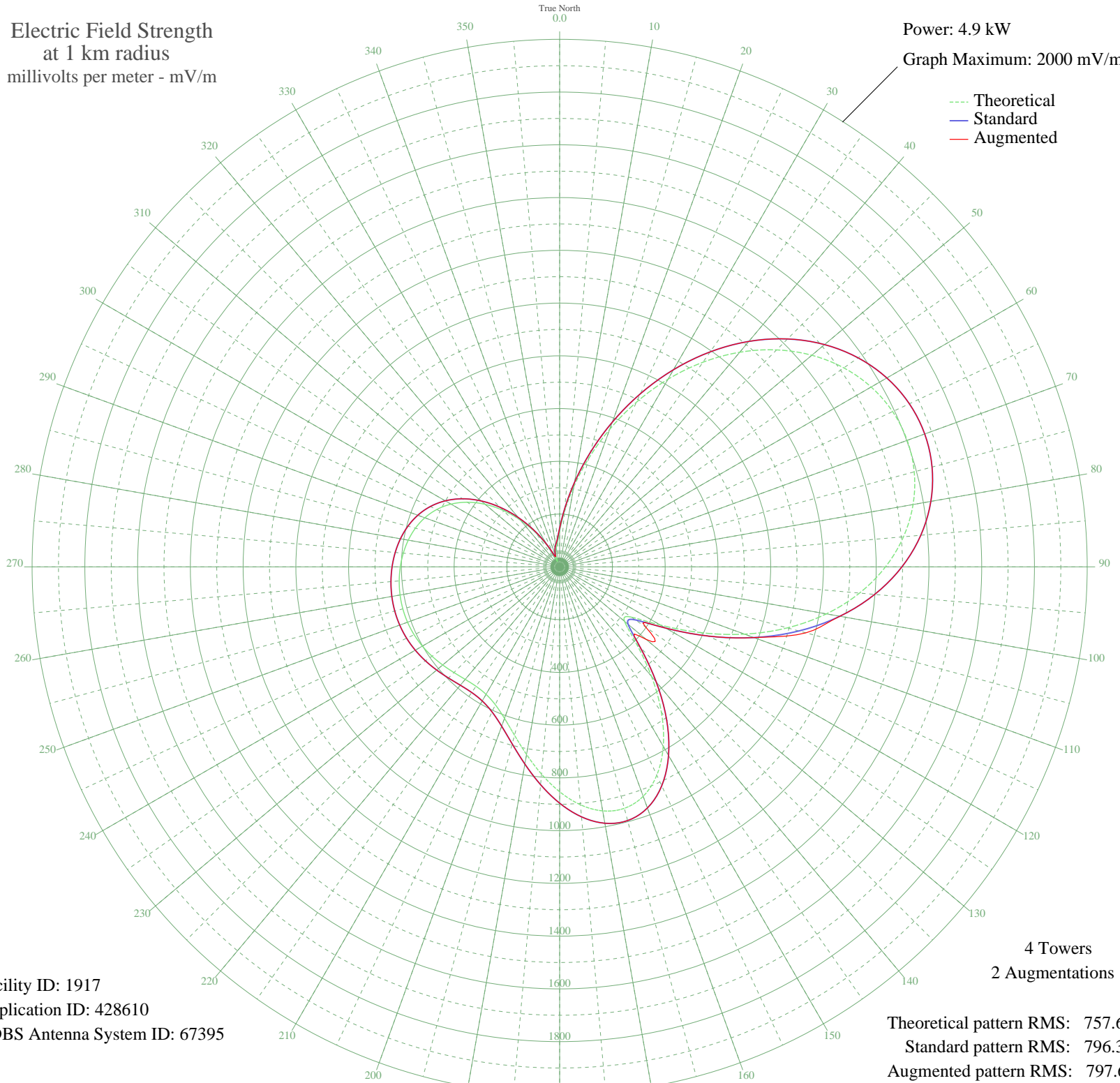


WJNO WEST PALM BEACH, FL BL-19991213ABA 1290 kHz

Nighttime

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

Power: 4.9 kW  
Graph Maximum: 2000 mV/m



Facility ID: 1917  
Application ID: 428610  
CDBS Antenna System ID: 67395

Theoretical pattern RMS: 757.68  
Standard pattern RMS: 796.33  
Augmented pattern RMS: 797.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	136.00	146.99	146.99
5	209.15	222.35	222.35
10	308.23	325.51	325.51
15	425.89	448.54	448.54
20	554.96	583.75	583.75
25	688.74	724.02	724.02
30	821.16	862.92	862.92
35	947.01	994.97	994.97
40	1062.09	1115.74	1115.74
45	1163.20	1221.85	1221.85
50	1248.07	1310.93	1310.93
55	1315.20	1381.40	1381.40
60	1363.66	1432.26	1432.26
65	1392.82	1462.88	1462.88
70	1402.28	1472.81	1472.81
75	1391.64	1461.64	1461.64
80	1360.52	1428.97	1428.97
85	1308.52	1374.39	1374.39
90	1235.41	1297.64	1297.64
95	1141.25	1198.82	1198.82
100	1026.77	1078.67	1078.67
105	893.77	939.11	966.40
110	745.89	783.96	783.96
115	590.14	620.62	620.62
120	441.11	464.47	464.47
125	332.37	350.72	398.54
130	320.95	338.79	427.38
135	410.77	432.71	432.71
140	541.35	569.48	569.48
145	672.44	706.92	706.92
150	785.59	825.60	825.60
155	871.54	915.78	915.78
160	925.90	972.82	972.82
165	947.81	995.81	995.81
170	939.44	987.03	987.03
175	905.49	951.40	951.40

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	852.63	895.94	895.94
185	788.78	828.95	828.95
190	722.29	759.21	759.21
195	661.03	694.95	694.95
200	611.31	642.81	642.81
205	576.83	606.67	606.67
210	558.08	587.02	587.02
215	552.74	581.42	581.42
220	556.95	585.83	585.83
225	566.70	596.05	596.05
230	578.71	608.64	608.64
235	590.64	621.15	621.15
240	600.96	631.97	631.97
245	608.76	640.15	640.15
250	613.62	645.25	645.25
255	615.43	647.14	647.14
260	614.32	645.97	645.97
265	610.49	641.96	641.96
270	604.09	635.25	635.25
275	595.02	625.74	625.74
280	582.73	612.86	612.86
285	566.19	595.51	595.51
290	543.91	572.17	572.17
295	514.23	541.06	541.06
300	475.61	500.61	500.61
305	427.15	449.85	449.85
310	368.92	388.93	388.93
315	302.35	319.37	319.37
320	230.33	244.34	244.34
325	157.12	168.61	168.61
330	88.30	99.04	99.04
335	32.56	48.79	48.79
340	30.32	47.18	47.18
345	56.84	69.10	69.10
350	74.09	85.23	85.23
355	93.61	104.28	104.28