

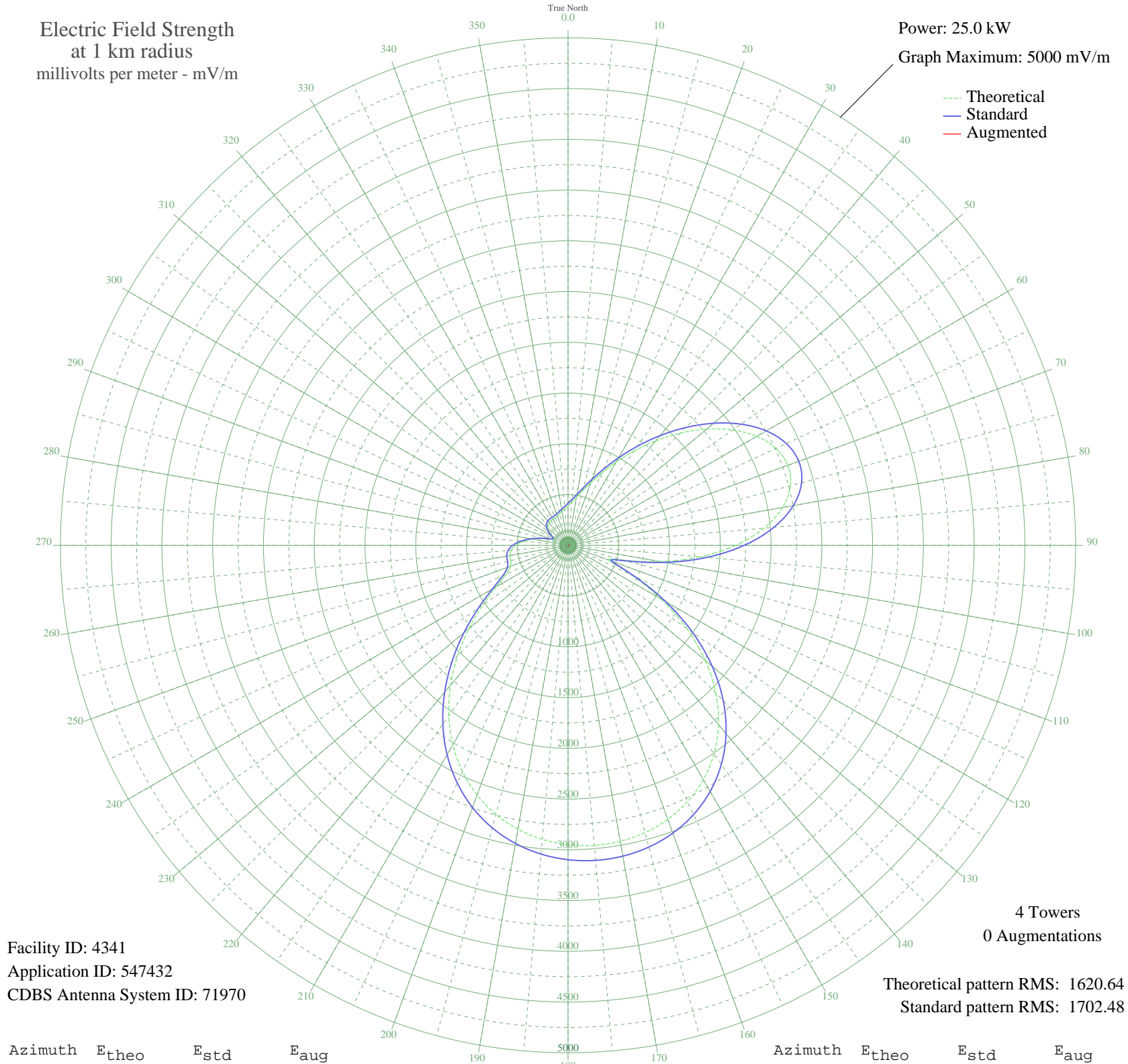
WLVJ BOYNTON BEACH, FL BL-20001229AAY 1040 kHz

Daytime

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

Power: 25.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 4341
Application ID: 547432
CDBS Antenna System ID: 71970

4 Towers
0 Augmentations

Theoretical pattern RMS: 1620.64
Standard pattern RMS: 1702.48

Azimuth	E _{theo}	E _{std}	E _{aug}
0	391.29	414.20	
5	429.95	454.49	
10	483.38	510.26	
15	557.52	587.75	
20	657.71	692.58	
25	787.34	828.37	
30	947.03	995.77	
35	1134.15	1192.02	
40	1342.54	1410.65	
45	1562.44	1641.40	
50	1780.65	1870.42	
55	1981.23	2080.96	
60	2146.61	2254.56	
65	2259.24	2372.79	
70	2303.52	2419.27	
75	2267.73	2381.70	
80	2145.72	2253.62	
85	1938.05	2035.63	
90	1652.60	1736.02	
95	1305.12	1371.38	
100	922.33	969.87	
105	563.20	593.68	
110	431.28	455.87	
115	685.37	721.55	
120	1057.29	1111.40	
125	1427.06	1499.33	
130	1764.27	1853.22	
135	2058.24	2161.79	
140	2305.72	2421.57	
145	2507.41	2633.31	
150	2666.41	2800.22	
155	2786.97	2926.79	
160	2873.64	3017.78	
165	2930.59	3077.57	
170	2961.09	3109.58	
175	2967.20	3116.00	

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	2949.65	3097.58	
185	2907.89	3053.74	
190	2840.27	2982.75	
195	2744.48	2882.18	
200	2618.11	2749.52	
205	2459.41	2582.91	
210	2268.13	2382.11	
215	2046.41	2149.37	
220	1799.63	1890.34	
225	1537.10	1614.81	
230	1272.62	1337.28	
235	1024.92	1077.44	
240	817.30	859.77	
245	673.46	709.08	
250	602.82	635.13	
255	584.72	616.20	
260	581.10	612.41	
265	562.59	593.05	
270	516.44	544.80	
275	442.73	467.82	
280	349.74	370.97	
285	251.84	269.59	
290	171.85	187.92	
295	145.17	161.22	
300	175.98	192.09	
305	221.76	238.69	
310	258.84	276.80	
315	281.97	300.69	
320	292.94	312.04	
325	296.36	315.58	
330	297.51	316.76	
335	300.76	320.14	
340	308.63	328.29	
345	321.69	341.83	
350	339.58	360.40	
355	362.29	384.01	