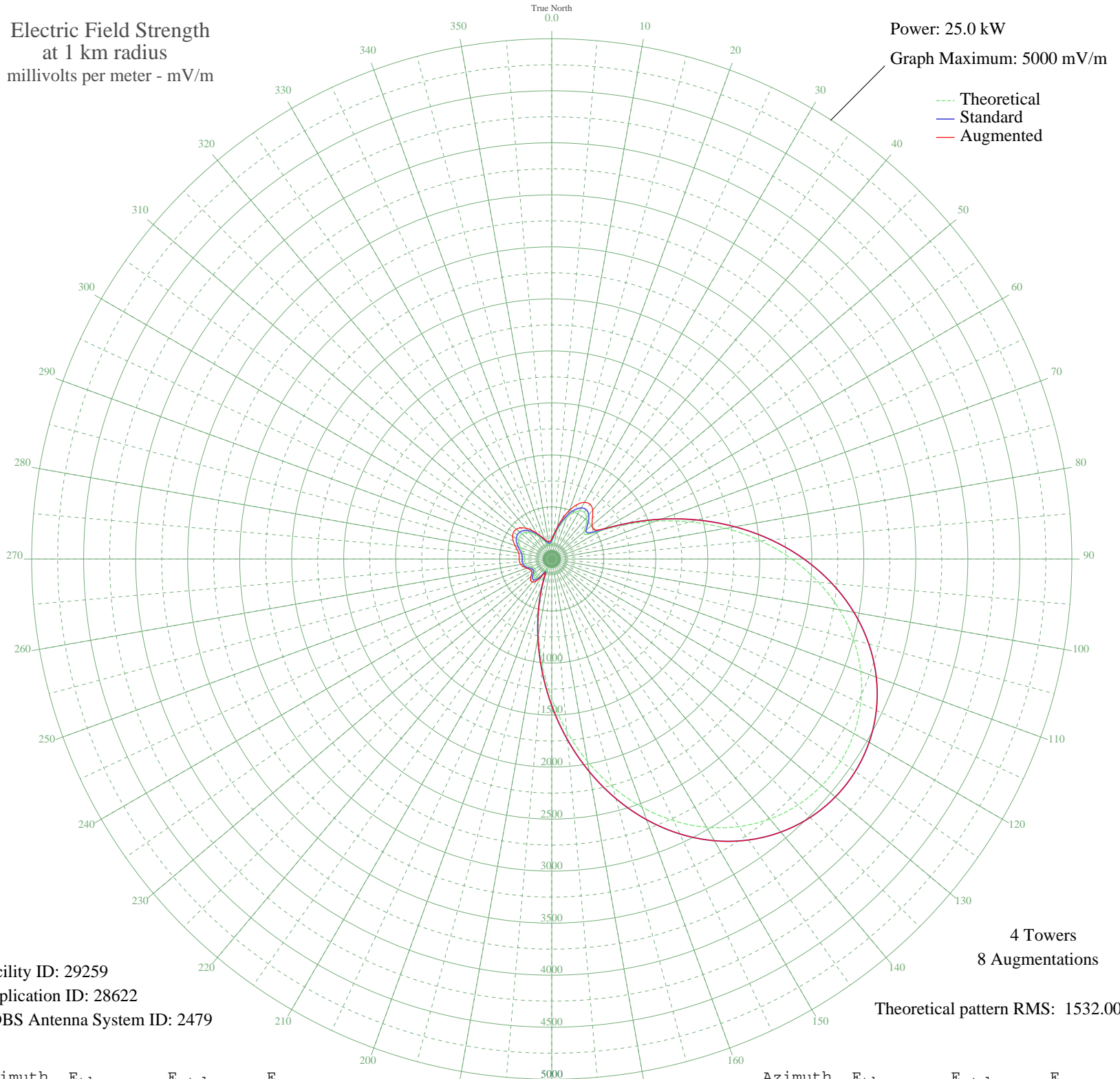


WNYH HUNTINGTON, NY BL-19810313AJ 740 kHz

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: 29259
Application ID: 28622
CDBS Antenna System ID: 2479

4 Towers
8 Augmentations

Theoretical pattern RMS: 1532.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	157.85	182.17	194.03
5	206.06	229.19	236.45
10	272.03	295.47	310.59
15	348.31	373.45	403.84
20	425.03	452.64	497.74
25	490.89	520.95	577.03
30	534.50	566.30	628.41
35	546.30	578.57	641.95
40	521.43	552.70	612.89
45	465.13	494.21	552.10
50	405.51	432.44	506.77
55	411.08	438.20	493.04
60	542.00	574.10	582.21
65	774.29	816.51	816.51
70	1062.74	1118.44	1118.44
75	1377.83	1448.70	1448.70
80	1699.76	1786.35	1786.35
85	2013.72	2115.76	2115.76
90	2308.37	2424.97	2424.97
95	2575.27	2705.09	2705.09
100	2808.58	2949.98	2949.98
105	3004.62	3155.76	3155.76
110	3161.40	3320.33	3320.33
115	3278.14	3442.87	3442.87
120	3354.70	3523.25	3523.25
125	3391.28	3561.65	3561.65
130	3388.03	3558.24	3558.24
135	3345.00	3513.06	3513.06
140	3262.08	3426.02	3426.02
145	3139.23	3297.06	3297.06
150	2976.79	3126.54	3126.54
155	2775.84	2915.61	2915.61
160	2538.72	2666.73	2666.73
165	2269.47	2384.14	2384.14
170	1974.13	2074.22	2074.22
175	1660.97	1745.65	1745.65

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1340.30	1409.35	1409.35
185	1024.14	1078.00	1078.00
190	725.50	765.52	765.77
195	457.97	486.77	488.51
200	237.36	260.44	266.50
205	106.45	134.93	149.02
210	145.09	170.07	186.04
215	210.40	233.49	255.36
220	240.79	263.89	289.71
225	237.93	261.02	285.85
230	214.65	237.73	260.68
235	189.53	212.88	234.53
240	181.61	205.12	227.54
245	196.32	219.56	236.42
250	221.74	244.79	257.05
255	244.24	267.36	281.79
260	257.23	280.47	302.14
265	260.77	284.05	311.77
270	259.71	282.98	313.93
275	261.39	284.68	314.66
280	271.93	295.36	321.96
285	292.63	316.43	343.48
290	319.57	343.96	374.75
295	346.40	371.50	407.56
300	367.18	392.88	434.19
305	377.57	403.59	448.30
310	375.19	401.14	444.92
315	359.49	384.96	423.57
320	331.67	356.37	386.20
325	294.43	318.26	337.29
330	251.76	274.95	284.40
335	208.58	231.69	237.12
340	170.17	194.02	203.38
345	141.60	166.80	180.80
350	127.34	153.60	170.40
355	131.62	157.53	173.53

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