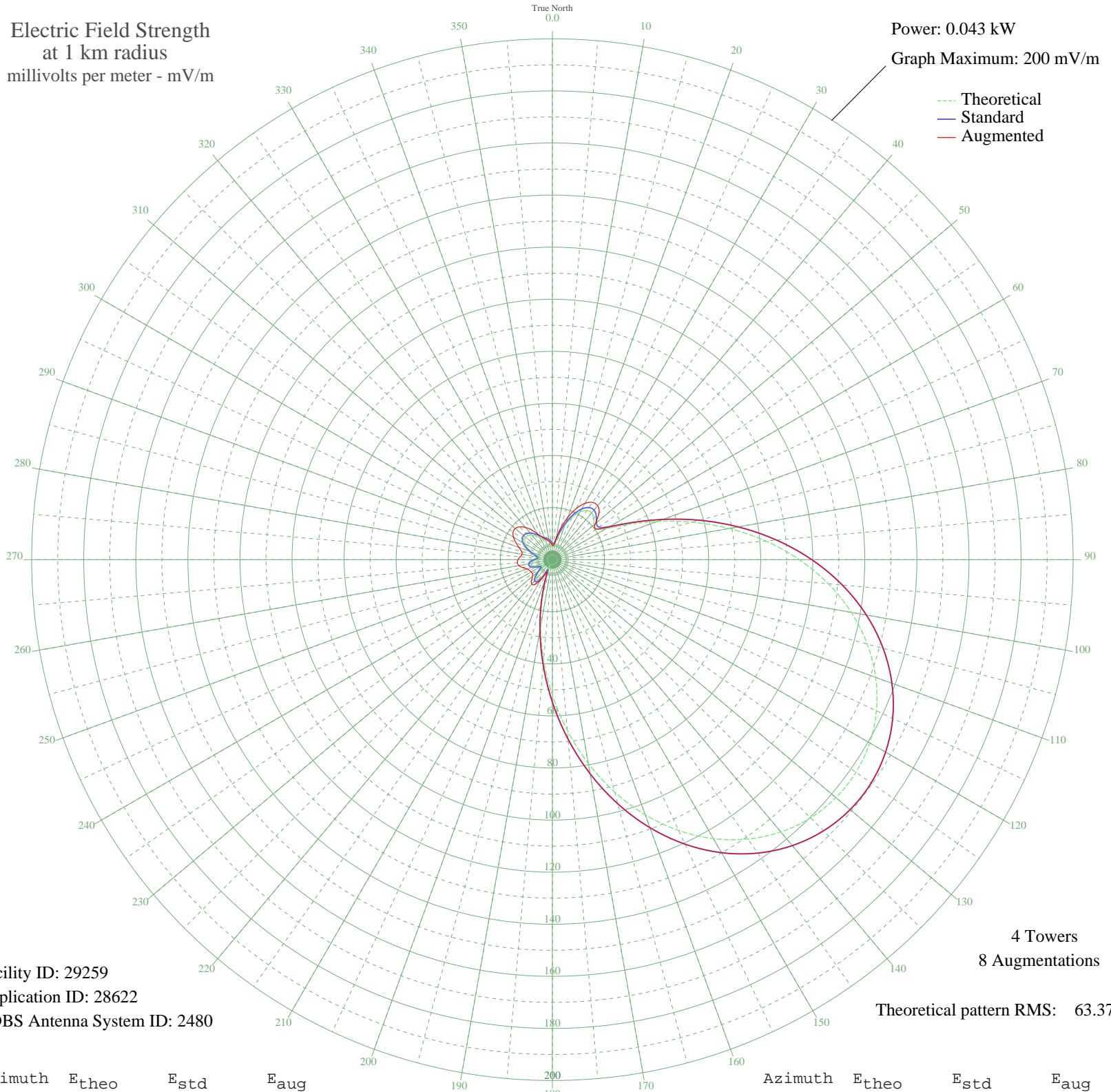


# WNYH HUNTINGTON, NY BL-19810313AJ 740 kHz

Nighttime

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

Power: 0.043 kW  
Graph Maximum: 200 mV/m



Facility ID: 29259  
Application ID: 28622  
CDBS Antenna System ID: 2480

4 Towers  
8 Augmentations  
Theoretical pattern RMS: 63.37

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	5.16	6.35	5.58
5	4.97	6.18	5.65
10	6.75	7.82	8.33
15	10.12	11.13	12.63
20	14.11	15.18	17.30
25	17.98	19.16	21.59
30	21.12	22.42	24.94
35	23.05	24.43	26.85
40	23.47	24.86	27.04
45	22.46	23.82	25.32
50	20.81	22.10	21.56
55	20.48	21.75	20.48
60	23.99	25.40	25.24
65	31.91	33.67	33.67
70	42.91	45.18	45.18
75	55.59	58.46	58.46
80	68.94	72.47	72.47
85	82.22	86.39	86.39
90	94.85	99.64	99.64
95	106.40	111.77	111.77
100	116.59	122.47	122.47
105	125.21	131.51	131.51
110	132.13	138.78	138.78
115	137.31	144.21	144.21
120	140.71	147.78	147.78
125	142.32	149.47	149.47
130	142.16	149.30	149.30
135	140.21	147.26	147.26
140	136.47	143.34	143.34
145	130.96	137.55	137.55
150	123.70	129.93	129.93
155	114.75	120.53	120.53
160	104.24	109.50	109.50
165	92.38	97.05	97.05
170	79.45	83.48	83.48
175	65.84	69.21	69.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	52.03	54.73	54.73
185	38.55	40.61	40.61
190	25.97	27.47	27.49
195	14.86	15.95	16.08
200	5.85	6.97	7.52
205	2.90	4.49	5.49
210	6.90	7.96	8.83
215	9.24	10.25	11.56
220	9.61	10.61	12.31
225	8.38	9.40	11.32
230	6.17	7.28	10.03
235	4.02	5.36	9.31
240	3.80	5.18	9.45
245	5.51	6.66	9.70
250	7.23	8.28	10.45
255	8.20	9.22	11.76
260	8.24	9.26	13.05
265	7.40	8.44	13.49
270	5.96	7.08	13.19
275	4.60	5.85	12.44
280	4.50	5.76	11.81
285	6.06	7.17	12.24
290	8.26	9.28	13.64
295	10.36	11.36	15.48
300	12.01	13.04	17.24
305	13.06	14.10	18.44
310	13.42	14.48	18.63
315	13.14	14.19	17.81
320	12.32	13.35	16.14
325	11.14	12.16	13.90
330	9.87	10.87	11.49
335	8.75	9.76	9.56
340	7.96	8.99	8.55
345	7.43	8.47	7.86
350	6.90	7.96	7.22
355	6.11	7.21	6.41

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission