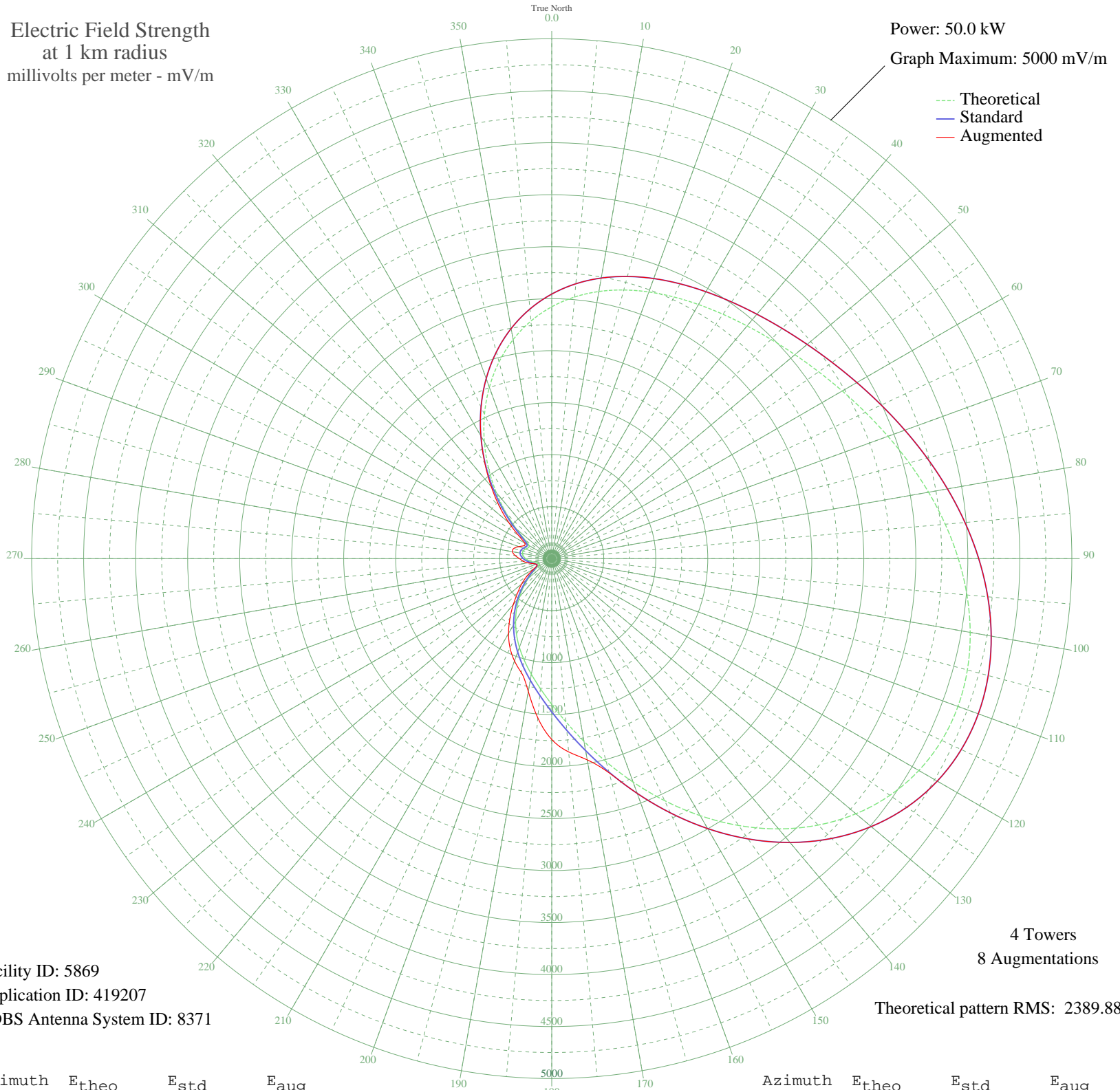


# WBBR NEW YORK, NY BL-12598 1130 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 5869  
Application ID: 419207  
CDBS Antenna System ID: 8371

4 Towers  
8 Augmentations

Theoretical pattern RMS: 2389.88

Azimuth	Etheo	Estd	Eaug
0	2422.19	2544.38	2544.38
5	2526.03	2653.37	2653.37
10	2608.75	2740.19	2740.19
15	2674.82	2809.54	2809.54
20	2729.16	2866.58	2866.58
25	2776.72	2916.50	2916.50
30	2822.06	2964.09	2964.09
35	2869.21	3013.58	3013.58
40	2921.55	3068.52	3068.52
45	2981.75	3131.72	3131.72
50	3051.76	3205.21	3205.21
55	3132.73	3290.20	3290.20
60	3224.95	3387.01	3387.01
65	3327.78	3494.96	3494.96
70	3439.58	3612.33	3612.33
75	3557.69	3736.31	3736.31
80	3678.45	3863.08	3863.08
85	3797.25	3987.81	3987.81
90	3908.71	4104.82	4104.82
95	4006.76	4207.75	4207.75
100	4084.94	4289.83	4289.83
105	4136.70	4344.17	4344.17
110	4155.77	4364.19	4364.19
115	4136.63	4344.10	4344.10
120	4075.08	4279.48	4279.48
125	3968.70	4167.80	4167.80
130	3817.40	4008.96	4008.96
135	3623.68	3805.59	3805.59
140	3392.87	3563.29	3563.29
145	3132.93	3290.42	3290.42
150	2854.09	2997.71	2997.71
155	2568.08	2697.51	2697.51
160	2287.17	2402.68	2402.68
165	2022.81	2125.25	2132.94
170	1784.22	1874.90	1965.08
175	1576.89	1657.40	1865.85

Azimuth	Etheo	Estd	Eaug
180	1401.66	1473.61	1739.11
185	1254.66	1319.48	1537.33
190	1128.73	1187.49	1297.29
195	1015.64	1069.00	1132.95
200	908.26	956.56	1046.72
205	801.96	845.32	948.22
210	694.87	733.38	830.19
215	587.54	621.37	700.93
220	482.27	511.80	573.64
225	382.38	408.31	462.44
230	291.80	315.26	376.37
235	215.13	237.78	288.19
240	158.57	182.30	202.90
245	130.33	155.69	154.98
250	133.15	158.30	157.63
255	156.35	180.18	184.64
260	187.72	210.62	233.53
265	220.51	243.15	277.19
270	250.50	273.30	310.65
275	273.65	296.77	354.42
280	285.83	309.17	383.48
285	283.83	307.13	377.86
290	267.99	291.02	337.64
295	247.89	270.66	294.70
300	251.24	274.05	300.09
305	314.08	338.04	390.96
310	442.61	470.63	538.41
315	619.87	655.08	712.11
320	829.51	874.14	904.74
325	1058.52	1113.93	1121.75
330	1295.51	1362.31	1362.31
335	1530.12	1608.34	1608.34
340	1753.35	1842.51	1842.51
345	1957.97	2057.20	2057.20
350	2138.97	2247.15	2247.15
355	2293.79	2409.62	2409.62

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission