

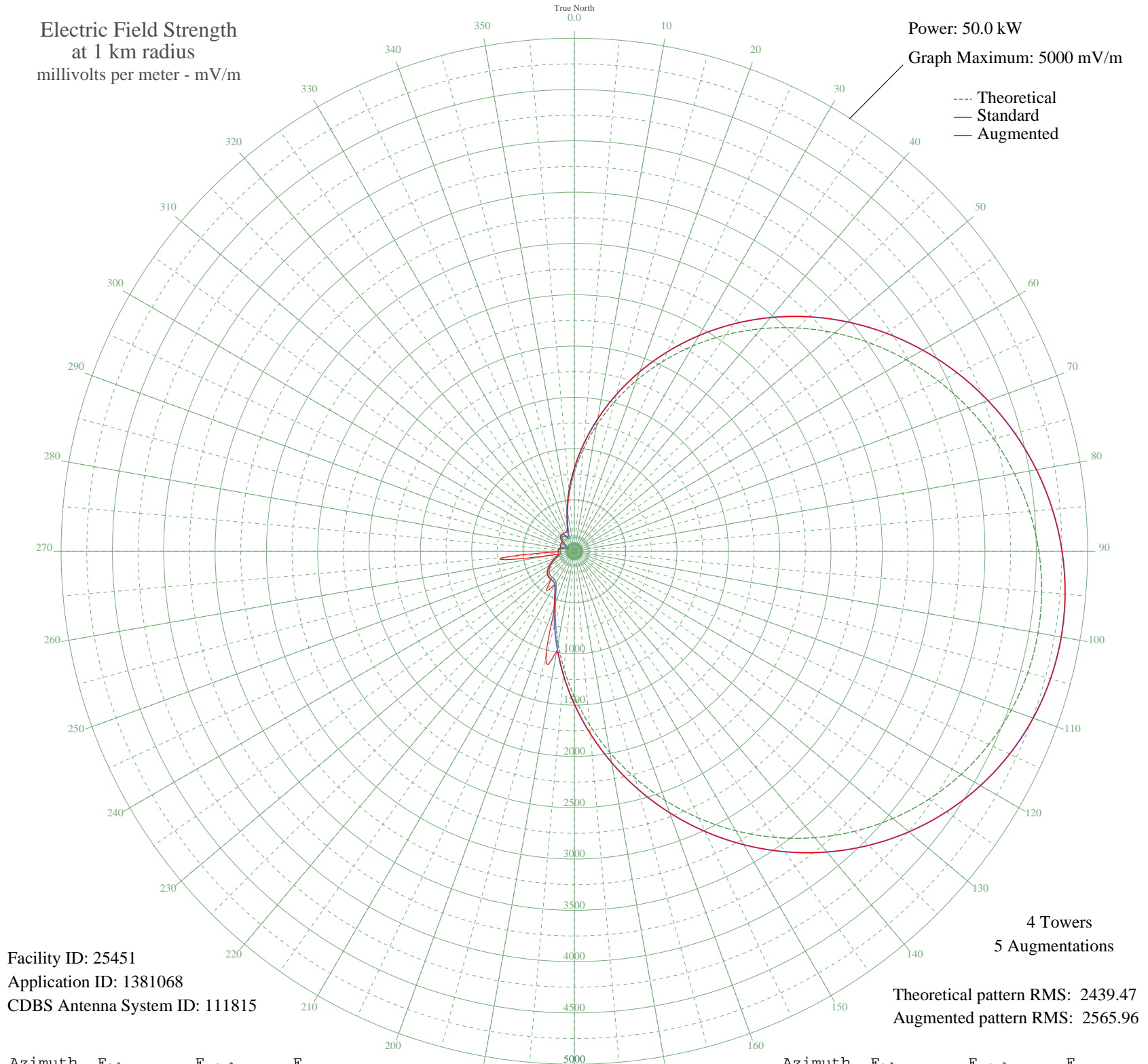
WINS NEW YORK, NY BMML-20100623ALP 1010 kHz

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: 25451  
Application ID: 1381068  
CDBS Antenna System ID: 111815

Theoretical pattern RMS: 2439.47  
Augmented pattern RMS: 2565.96

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	767.80	808.61	808.61
5	997.54	1049.28	1049.28
10	1244.82	1308.55	1308.55
15	1504.50	1580.96	1580.96
20	1771.66	1861.29	1861.29
25	2041.74	2144.73	2144.73
30	2310.61	2426.94	2426.94
35	2574.70	2704.15	2704.15
40	2830.98	2973.18	2973.18
45	3076.91	3231.36	3231.36
50	3310.37	3476.45	3476.45
55	3529.52	3706.52	3706.52
60	3732.70	3919.83	3919.83
65	3918.31	4114.70	4114.70
70	4084.73	4289.42	4289.42
75	4230.30	4442.25	4442.25
80	4353.30	4571.40	4571.40
85	4452.03	4675.05	4675.05
90	4524.80	4751.45	4751.45
95	4570.11	4799.02	4799.02
100	4586.63	4816.37	4816.37
105	4573.38	4802.45	4802.45
110	4529.69	4756.58	4756.58
115	4455.31	4678.49	4678.49
120	4350.41	4568.36	4568.36
125	4215.59	4426.81	4426.81
130	4051.89	4254.94	4254.94
135	3860.81	4054.34	4054.34
140	3644.33	3827.06	3827.06
145	3404.94	3575.74	3575.74
150	3145.68	3303.56	3303.56
155	2870.18	3014.33	3014.33
160	2582.66	2712.52	2712.52
165	2287.99	2403.20	2403.20
170	1991.58	2092.10	2092.10
175	1699.37	1785.43	1785.43

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 Sep 2023

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1417.72	1489.91	1489.91
185	1153.36	1212.63	1212.63
190	913.43	961.13	993.74
195	705.68	743.59	1075.54
200	538.75	569.12	569.12
205	421.42	446.88	446.88
210	357.29	380.32	380.32
215	335.50	357.76	468.03
220	333.35	355.54	355.54
225	331.29	353.41	353.41
230	319.41	341.14	341.14
235	295.28	316.27	316.27
240	260.94	281.02	281.02
245	221.19	240.50	240.50
250	182.69	201.73	201.73
255	153.06	172.42	172.42
260	137.85	157.64	157.64
265	135.43	155.31	678.92
270	137.47	157.28	157.28
275	135.68	155.55	155.55
280	125.43	145.77	145.77
285	106.06	127.68	136.55
290	81.38	105.84	143.09
295	64.00	91.74	149.76
300	73.93	99.64	147.48
305	105.67	127.33	145.28
310	140.66	160.35	160.84
315	168.23	187.36	187.36
320	181.99	201.03	201.03
325	178.20	197.26	201.83
330	157.64	176.92	203.75
335	134.25	154.18	200.67
340	151.80	171.19	207.05
345	240.88	260.52	269.45
350	382.57	406.52	406.52
355	560.88	592.23	592.23