

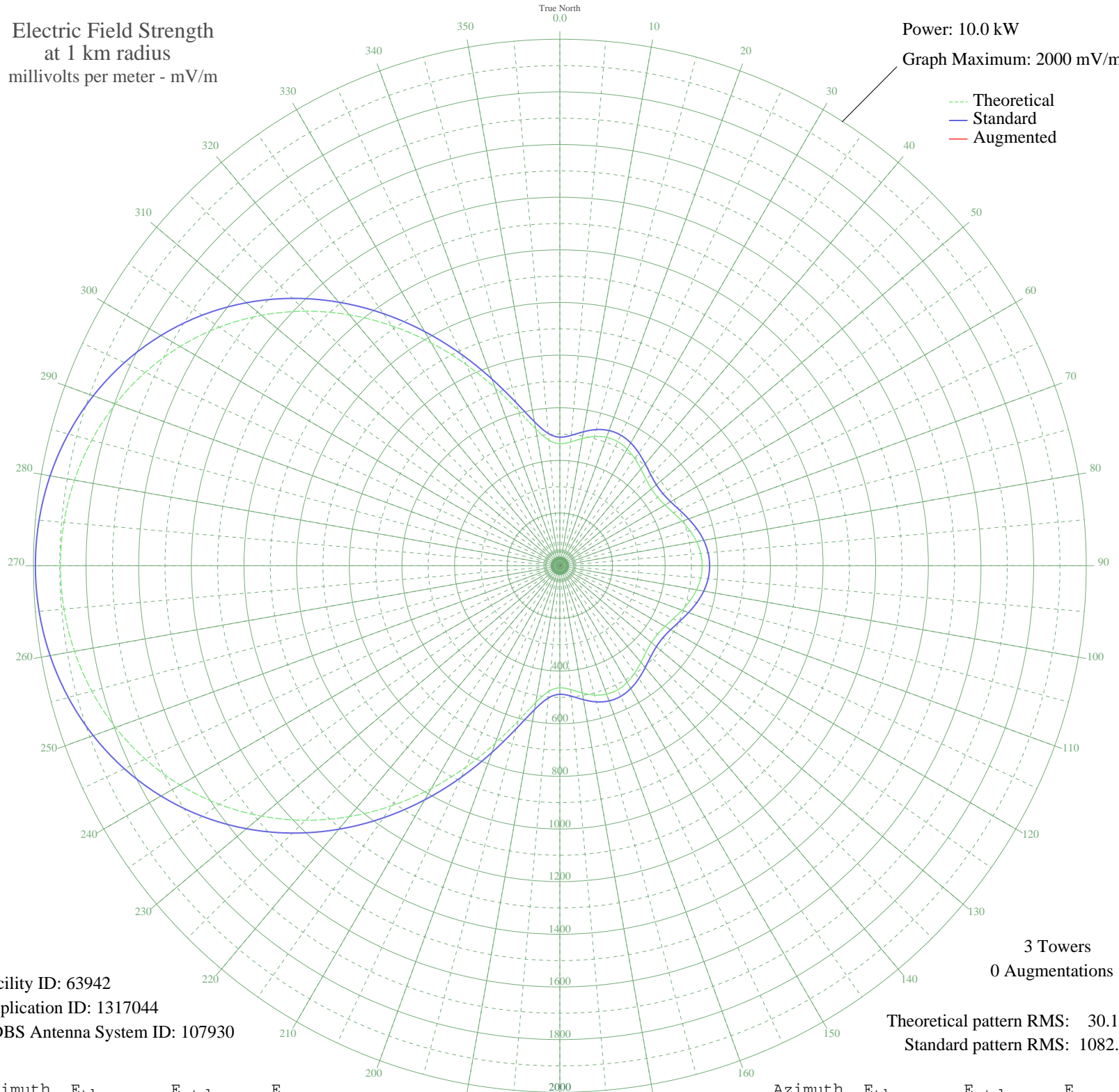
WGNY NEWBURGH, NY BMML-20090603AHD 1220 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 63942
Application ID: 1317044
CDBS Antenna System ID: 107930

3 Towers
0 Augmentations

Theoretical pattern RMS: 30.10
Standard pattern RMS: 1082.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	463.65	488.40	
5	472.01	497.15	
10	490.64	516.66	
15	508.53	535.39	
20	519.16	546.51	
25	520.02	547.42	
30	511.65	538.66	
35	496.71	523.01	
40	479.21	504.69	
45	463.73	488.49	
50	454.34	478.66	
55	453.51	477.79	
60	461.39	486.03	
65	475.99	501.32	
70	494.08	520.26	
75	512.19	539.22	
80	527.33	555.08	
85	537.29	565.51	
90	540.76	569.14	
95	537.29	565.51	
100	527.33	555.08	
105	512.19	539.22	
110	494.08	520.26	
115	475.99	501.32	
120	461.39	486.03	
125	453.51	477.79	
130	454.34	478.66	
135	463.73	488.49	
140	479.21	504.69	
145	496.71	523.01	
150	511.65	538.66	
155	520.02	547.42	
160	519.16	546.51	
165	508.53	535.39	
170	490.64	516.66	
175	472.01	497.15	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	463.65	488.40	
185	478.95	504.42	
190	527.49	555.24	
195	609.60	641.27	
200	718.14	755.06	
205	843.65	886.70	
210	977.53	1027.16	
215	1112.80	1169.10	
220	1244.08	1306.87	
225	1367.37	1436.27	
230	1479.84	1554.33	
235	1579.69	1659.13	
240	1665.90	1749.63	
245	1738.10	1825.42	
250	1796.35	1886.57	
255	1840.98	1933.43	
260	1872.44	1966.45	
265	1891.11	1986.06	
270	1897.31	1992.56	
275	1891.11	1986.06	
280	1872.43	1966.45	
285	1840.98	1933.43	
290	1796.35	1886.57	
295	1738.09	1825.42	
300	1665.90	1749.63	
305	1579.69	1659.13	
310	1479.84	1554.32	
315	1367.37	1436.27	
320	1244.08	1306.87	
325	1112.80	1169.10	
330	977.53	1027.15	
335	843.65	886.70	
340	718.13	755.05	
345	609.60	641.27	
350	527.49	555.24	
355	478.95	504.42	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission