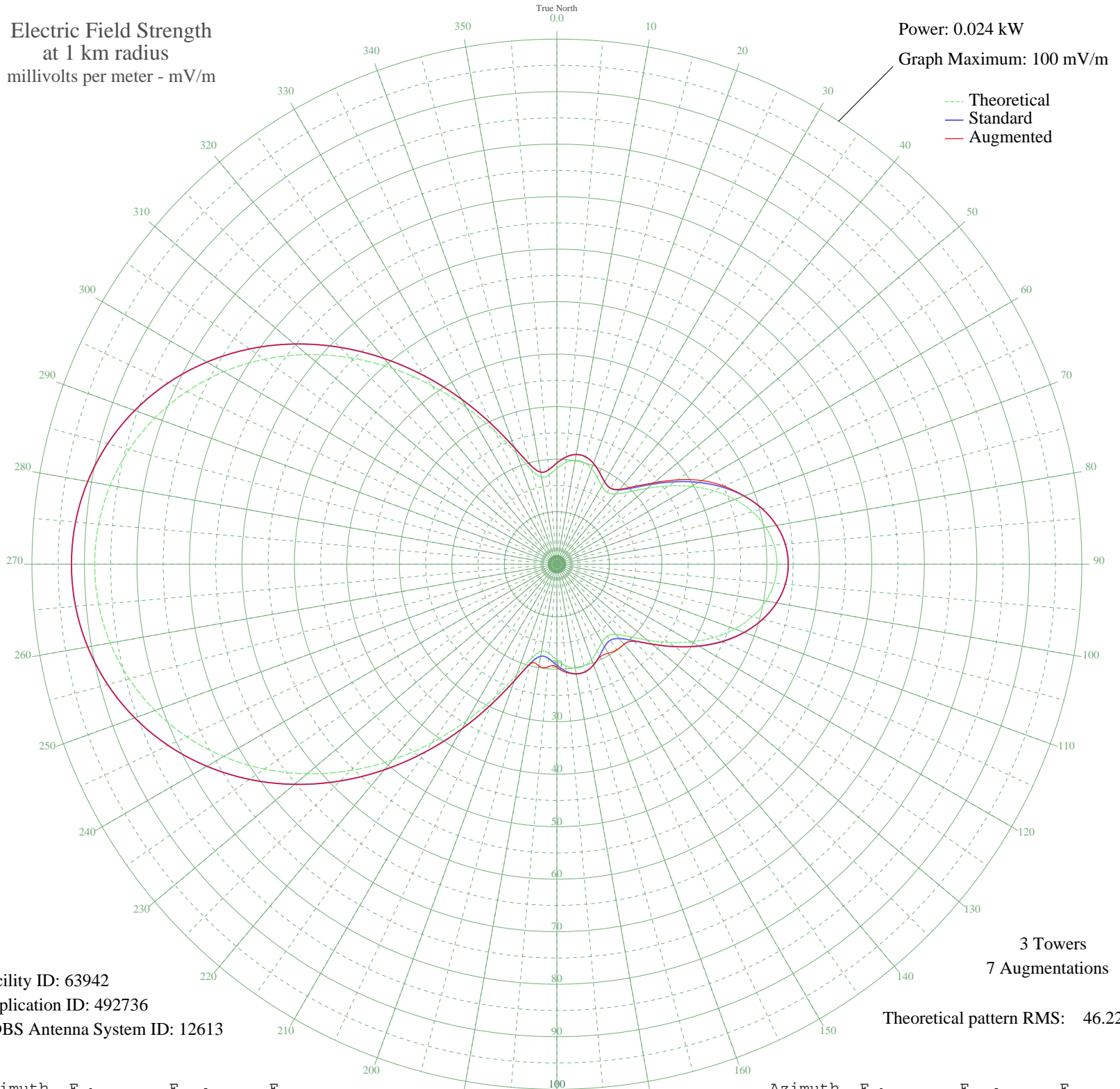


WGNY NEWBURGH, NY PLAN-- 1220 kHz

Nighttime

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

Power: 0.024 kW
Graph Maximum: 100 mV/m



Facility ID: 63942
Application ID: 492736
CDBS Antenna System ID: 12613

3 Towers
7 Augmentations
Theoretical pattern RMS: 46.22

Azimuth	E _{theo}	E _{std}	E _{aug}
0	18.23	19.27	19.27
5	19.42	20.51	20.51
10	20.09	21.21	21.21
15	20.05	21.16	21.16
20	19.34	20.42	20.42
25	18.22	19.26	19.26
30	17.16	18.15	18.15
35	16.74	17.71	17.71
40	17.48	18.48	18.64
45	19.50	20.59	20.94
50	22.48	23.71	24.12
55	25.99	27.37	28.02
60	29.61	31.16	31.86
65	33.04	34.76	35.14
70	36.08	37.95	37.98
75	38.58	40.56	40.56
80	40.42	42.50	42.50
85	41.55	43.68	43.68
90	41.93	44.08	44.08
95	41.55	43.68	43.68
100	40.42	42.50	42.50
105	38.58	40.56	40.57
110	36.08	37.95	38.03
115	33.04	34.76	34.90
120	29.61	31.16	31.26
125	25.99	27.37	27.39
130	22.48	23.71	23.71
135	19.50	20.59	20.78
140	17.48	18.48	19.89
145	16.74	17.71	19.90
150	17.16	18.15	19.59
155	18.22	19.26	19.49
160	19.34	20.42	20.45
165	20.05	21.16	21.17
170	20.09	21.21	21.21
175	19.42	20.51	20.71

Azimuth	E _{theo}	E _{std}	E _{aug}
180	18.23	19.27	19.62
185	17.06	18.04	19.65
190	16.83	17.80	19.68
195	18.52	19.56	19.64
200	22.38	23.60	23.60
205	27.91	29.39	29.39
210	34.47	36.26	36.26
215	41.51	43.64	43.64
220	48.65	51.13	51.13
225	55.58	58.40	58.40
230	62.10	65.24	65.24
235	68.04	71.47	71.47
240	73.29	76.98	76.98
245	77.78	81.70	81.70
250	81.48	85.58	85.58
255	84.35	88.60	88.60
260	86.41	90.75	90.75
265	87.63	92.04	92.04
270	88.04	92.47	92.47
275	87.63	92.04	92.04
280	86.41	90.75	90.75
285	84.35	88.60	88.60
290	81.48	85.58	85.58
295	77.78	81.70	81.70
300	73.29	76.98	76.98
305	68.04	71.47	71.47
310	62.10	65.24	65.24
315	55.58	58.40	58.40
320	48.65	51.13	51.13
325	41.51	43.64	43.64
330	34.47	36.26	36.26
335	27.91	29.39	29.39
340	22.38	23.60	23.60
345	18.52	19.56	19.56
350	16.83	17.80	17.80
355	17.06	18.04	18.04

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.

12 May 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission