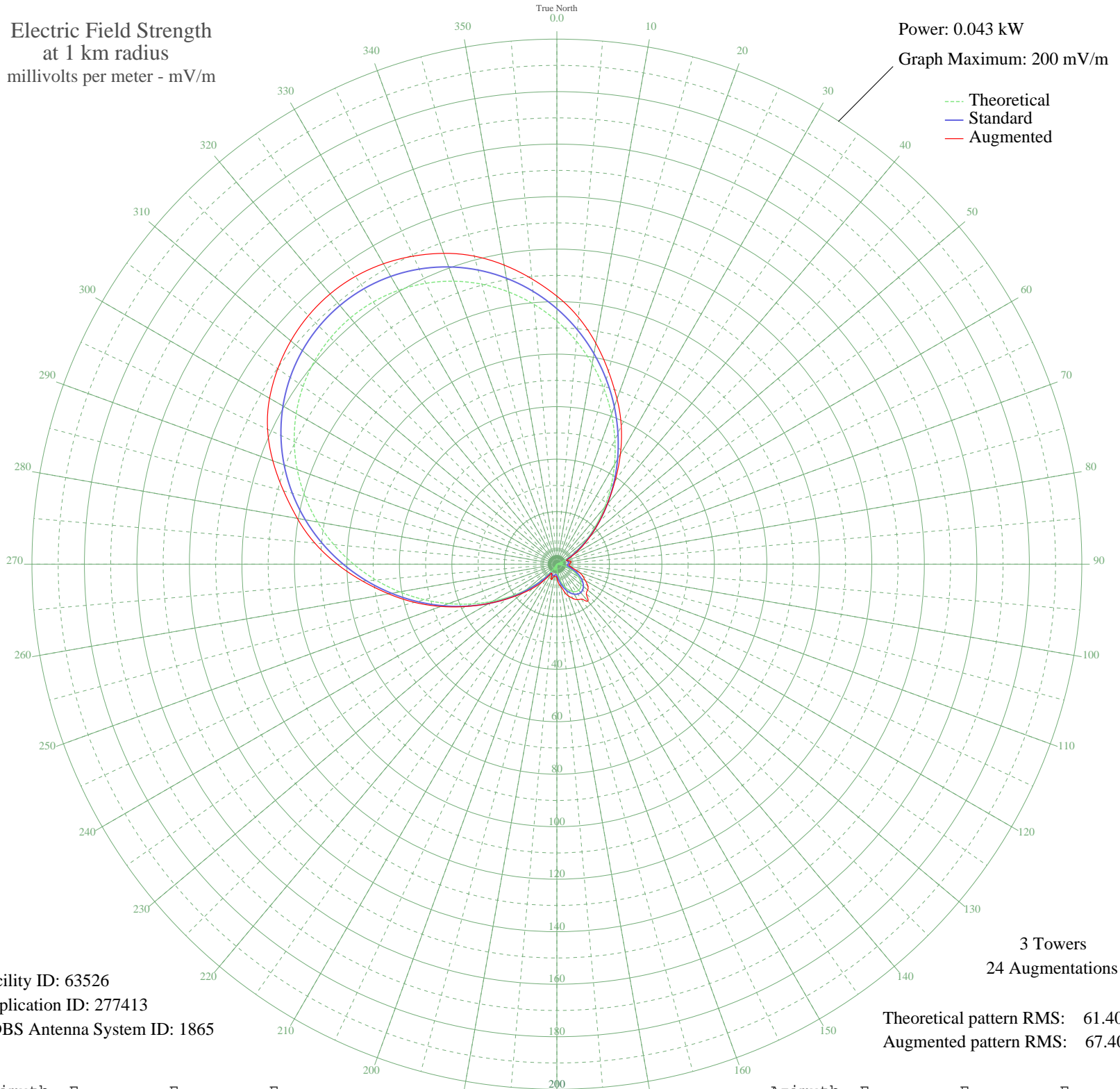


WCKL CATSKILL, NY BL-19981123AD 560 kHz

Nighttime

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

Power: 0.043 kW
Graph Maximum: 200 mV/m



Facility ID: 63526
Application ID: 277413
CDBS Antenna System ID: 1865

Theoretical pattern RMS: 61.40
Augmented pattern RMS: 67.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	92.61	97.32	102.10
5	85.28	89.63	94.38
10	77.45	81.41	85.47
15	69.23	72.79	76.03
20	60.79	63.95	67.00
25	52.29	55.04	58.06
30	43.92	46.28	48.39
35	35.85	37.84	38.61
40	28.25	29.91	29.91
45	21.28	22.68	22.77
50	15.08	16.30	16.69
55	9.75	10.96	11.70
60	5.38	6.86	7.73
65	1.99	4.42	4.87
70	0.41	3.92	3.92
75	1.86	4.36	4.82
80	2.44	4.66	5.50
85	2.24	4.55	5.14
90	1.39	4.16	4.91
95	0.02	3.89	4.54
100	1.71	4.29	5.32
105	3.65	5.47	6.65
110	5.67	7.11	9.03
115	7.62	8.90	11.00
120	9.39	10.60	12.52
125	10.88	12.07	14.35
130	12.00	13.19	15.30
135	12.70	13.89	15.86
140	12.94	14.13	16.20
145	12.70	13.89	15.60
150	12.00	13.19	14.40
155	10.88	12.07	12.90
160	9.39	10.60	10.76
165	7.62	8.90	8.65
170	5.67	7.11	7.22
175	3.65	5.47	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1.71	4.29	5.12
185	0.02	3.89	4.70
190	1.39	4.16	4.62
195	2.24	4.55	5.04
200	2.44	4.66	6.23
205	1.86	4.36	4.65
210	0.41	3.92	3.92
215	1.99	4.42	5.58
220	5.38	6.86	9.05
225	9.75	10.96	12.90
230	15.08	16.30	17.34
235	21.28	22.68	22.93
240	28.25	29.91	29.91
245	35.85	37.84	38.13
250	43.92	46.28	47.08
255	52.29	55.04	56.19
260	60.79	63.95	65.10
265	69.23	72.79	74.27
270	77.45	81.41	83.71
275	85.28	89.63	92.61
280	92.61	97.32	100.40
285	99.30	104.34	107.80
290	105.26	110.59	115.17
295	110.41	116.00	121.61
300	114.69	120.49	126.40
305	118.06	124.03	129.81
310	120.49	126.57	132.33
315	121.95	128.11	133.88
320	122.44	128.62	134.40
325	121.95	128.11	133.82
330	120.49	126.57	132.14
335	118.06	124.03	129.48
340	114.69	120.49	126.00
345	110.41	116.00	121.47
350	105.26	110.59	115.70
355	99.30	104.34	109.08

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