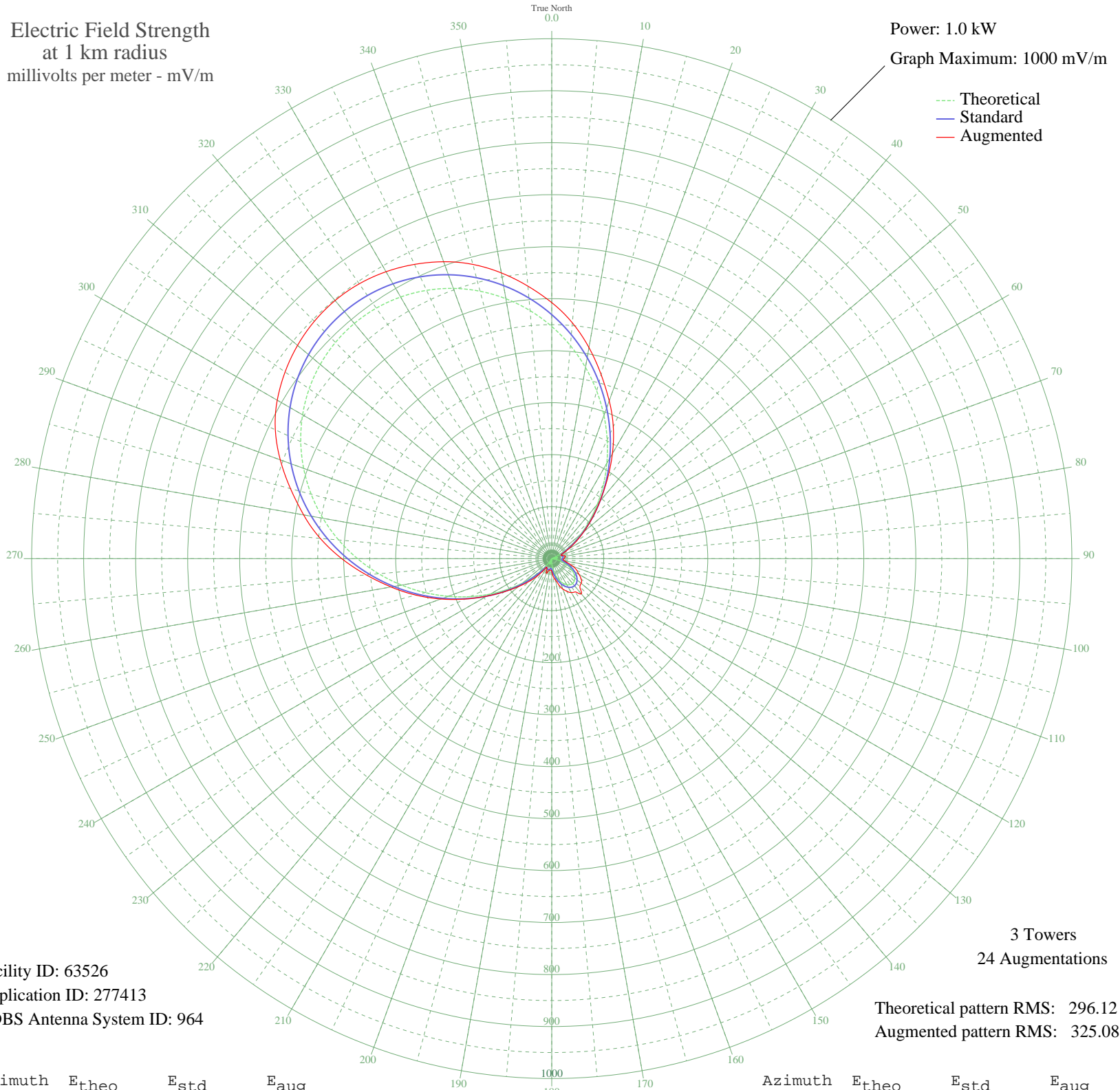


# WCKL CATSKILL, NY BL-19981123AD 560 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 63526  
Application ID: 277413  
CDBS Antenna System ID: 964

Theoretical pattern RMS: 296.12  
Augmented pattern RMS: 325.08

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	446.63	469.34	492.49
5	411.31	432.29	455.23
10	373.51	392.63	412.23
15	333.87	351.07	366.65
20	293.17	308.40	323.09
25	252.19	265.47	279.99
30	211.81	223.19	233.36
35	172.88	182.49	186.18
40	136.23	144.27	144.27
45	102.62	109.38	109.81
50	72.72	78.63	80.42
55	47.04	52.84	56.31
60	25.95	33.09	37.13
65	9.61	21.32	23.43
70	1.97	18.89	18.89
75	8.97	21.01	23.27
80	11.75	22.47	26.55
85	10.79	21.93	24.89
90	6.68	20.05	23.74
95	0.11	18.78	21.91
100	8.23	20.67	25.52
105	17.61	26.36	31.97
110	27.34	34.30	43.58
115	36.76	42.93	53.11
120	45.31	51.14	60.46
125	52.48	58.21	69.29
130	57.89	63.62	73.87
135	61.25	67.00	76.39
140	62.39	68.15	88.58
145	61.25	67.00	78.03
150	57.89	63.62	75.32
155	52.48	58.21	69.52
160	45.31	51.14	62.28
165	36.76	42.93	51.91
170	27.34	34.30	41.62
175	17.61	26.36	34.69

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	8.23	20.67	24.61
185	0.11	18.78	22.53
190	6.68	20.05	22.13
195	10.79	21.93	24.23
200	11.75	22.47	30.23
205	8.97	21.01	22.43
210	1.97	18.89	18.89
215	9.61	21.32	27.03
220	25.95	33.09	43.86
225	47.04	52.84	62.43
230	72.72	78.63	83.74
235	102.62	109.38	110.63
240	136.23	144.27	144.27
245	172.88	182.49	183.84
250	211.81	223.19	226.94
255	252.19	265.47	270.84
260	293.17	308.40	313.82
265	333.87	351.07	358.10
270	373.51	392.63	403.77
275	411.31	432.29	446.80
280	446.63	469.34	484.41
285	478.90	503.20	520.02
290	507.64	533.35	555.46
295	532.48	559.42	586.41
300	553.14	581.10	609.46
305	569.39	598.16	625.91
310	581.10	610.44	638.06
315	588.16	617.85	645.55
320	590.52	620.33	648.08
325	588.16	617.85	645.31
330	581.10	610.44	637.26
335	569.39	598.16	624.51
340	553.14	581.10	607.77
345	532.48	559.42	585.90
350	507.64	533.35	558.08
355	478.90	503.19	526.17

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.

22 Feb 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission