

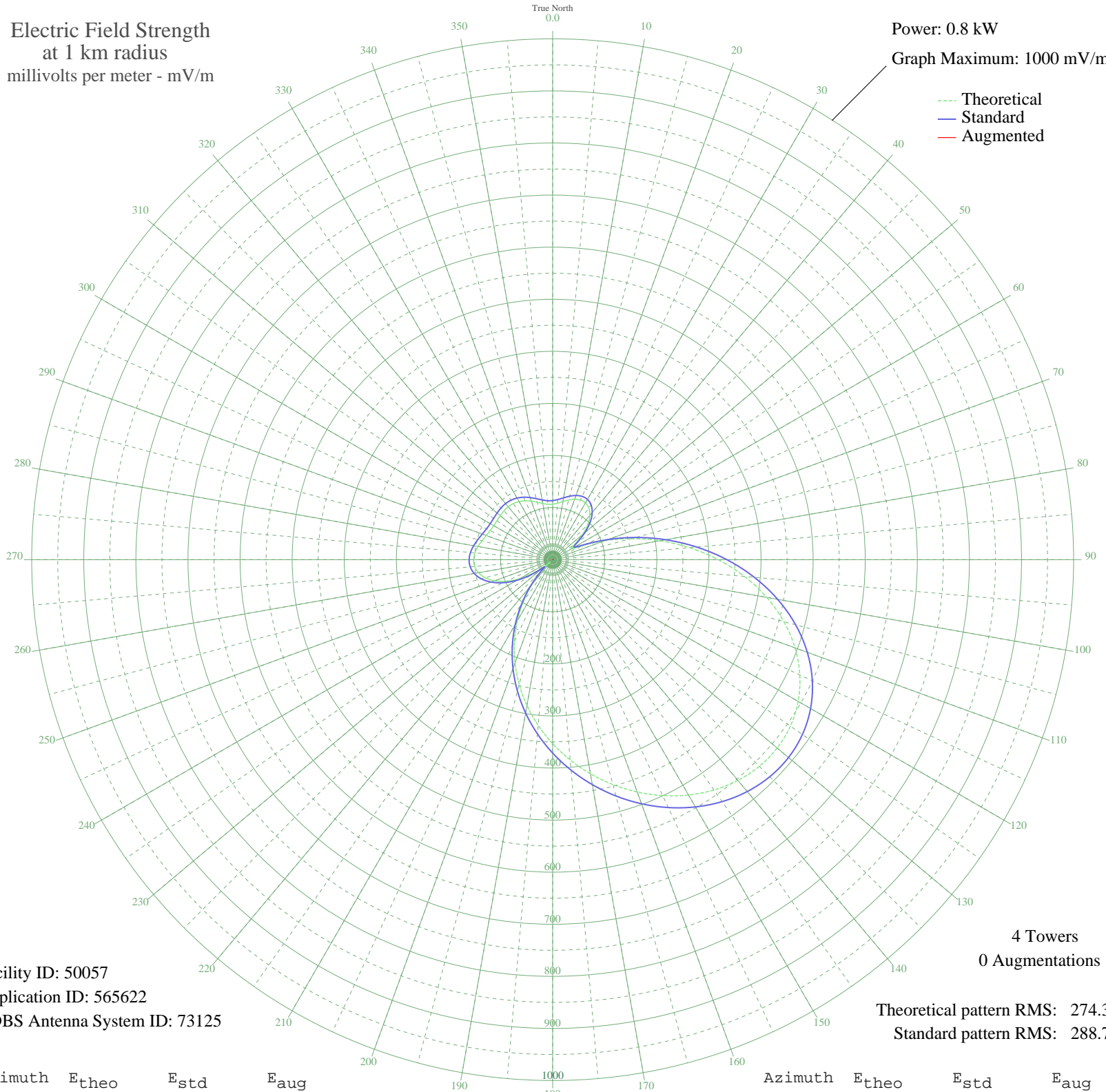
WRKL NEW CITY, NY BL-20010516ABG 910 kHz

Nighttime

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

Power: 0.8 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 50057  
Application ID: 565622  
CDBS Antenna System ID: 73125

4 Towers  
0 Augmentations

Theoretical pattern RMS: 274.38  
Standard pattern RMS: 288.72

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	106.46	113.37	
5	108.90	115.89	
10	113.38	120.54	
15	118.75	126.11	
20	123.56	131.11	
25	126.39	134.04	
30	125.92	133.56	
35	121.06	128.51	
40	110.99	118.07	
45	95.34	101.88	
50	74.58	80.56	
55	51.89	57.67	
60	41.71	47.70	
65	64.26	70.07	
70	106.09	112.98	
75	155.69	164.56	
80	209.05	220.32	
85	263.81	277.64	
90	317.94	334.37	
95	369.65	388.59	
100	417.28	438.55	
105	459.47	482.81	
110	495.12	520.21	
115	523.48	549.97	
120	544.15	571.67	
125	557.10	585.26	
130	562.55	590.98	
135	561.02	589.37	
140	553.17	581.14	
145	539.81	567.11	
150	521.74	548.16	
155	499.79	525.12	
160	474.67	498.76	
165	447.01	469.75	
170	417.32	438.59	
175	385.96	405.70	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	353.21	371.35	
185	319.23	335.72	
190	284.14	298.95	
195	248.06	261.15	
200	211.11	222.47	
205	173.47	183.12	
210	135.42	143.44	
215	97.36	103.96	
220	59.82	65.60	
225	23.71	31.26	
230	13.21	23.44	
235	44.44	50.35	
240	73.22	79.17	
245	98.11	104.73	
250	118.47	125.82	
255	133.95	141.92	
260	144.44	152.84	
265	150.16	158.79	
270	151.62	160.32	
275	149.71	158.33	
280	145.55	153.99	
285	140.44	148.67	
290	135.66	143.69	
295	132.20	140.09	
300	130.53	138.35	
305	130.49	138.31	
310	131.40	139.26	
315	132.39	140.28	
320	132.62	140.52	
325	131.51	139.37	
330	128.81	136.57	
335	124.65	132.24	
340	119.48	126.87	
345	114.09	121.28	
350	109.49	116.50	
355	106.70	113.61	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission