

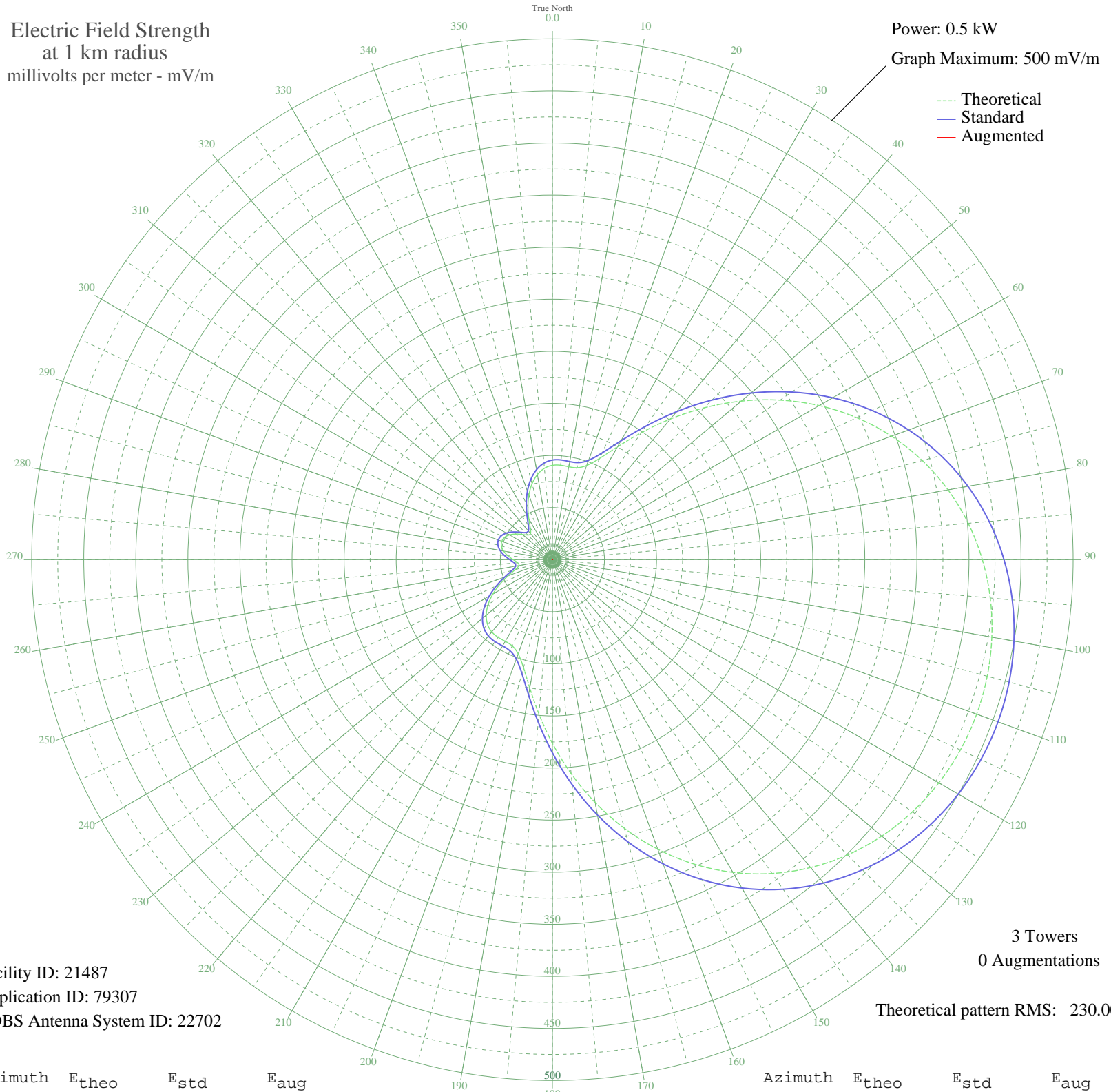
# WLKR NORWALK, OH BL-19850621AB 1510 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 21487  
Application ID: 79307  
CDBS Antenna System ID: 22702

3 Towers  
0 Augmentations

Theoretical pattern RMS: 230.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	90.53	95.64	
5	90.95	96.08	
10	90.51	95.61	
15	91.34	96.48	
20	96.18	101.53	
25	107.25	113.10	
30	125.08	131.76	
35	148.65	156.44	
40	176.24	185.35	
45	206.11	216.67	
50	236.77	248.83	
55	266.99	280.53	
60	295.79	310.76	
65	322.47	338.76	
70	346.54	364.02	
75	367.69	386.21	
80	385.78	405.21	
85	400.82	420.99	
90	412.86	433.63	
95	422.03	443.26	
100	428.47	450.01	
105	432.27	454.01	
110	433.53	455.33	
115	432.27	454.01	
120	428.47	450.01	
125	422.03	443.26	
130	412.86	433.63	
135	400.82	420.99	
140	385.78	405.21	
145	367.69	386.21	
150	346.54	364.02	
155	322.47	338.76	
160	295.79	310.76	
165	266.99	280.53	
170	236.77	248.83	
175	206.11	216.67	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	176.24	185.35	
185	148.65	156.44	
190	125.08	131.76	
195	107.25	113.10	
200	96.18	101.53	
205	91.34	96.48	
210	90.51	95.61	
215	90.95	96.08	
220	90.53	95.64	
225	88.01	93.00	
230	82.93	87.71	
235	75.42	79.88	
240	66.00	70.09	
245	55.55	59.26	
250	45.30	48.71	
255	37.00	40.24	
260	32.71	35.92	
265	33.43	36.64	
270	37.64	40.89	
275	42.91	46.26	
280	47.55	51.01	
285	50.62	54.18	
290	51.69	55.28	
295	50.62	54.18	
300	47.55	51.01	
305	42.91	46.26	
310	37.64	40.89	
315	33.43	36.64	
320	32.71	35.92	
325	37.00	40.24	
330	45.30	48.71	
335	55.55	59.26	
340	66.00	70.09	
345	75.42	79.88	
350	82.93	87.71	
355	88.01	93.00	

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