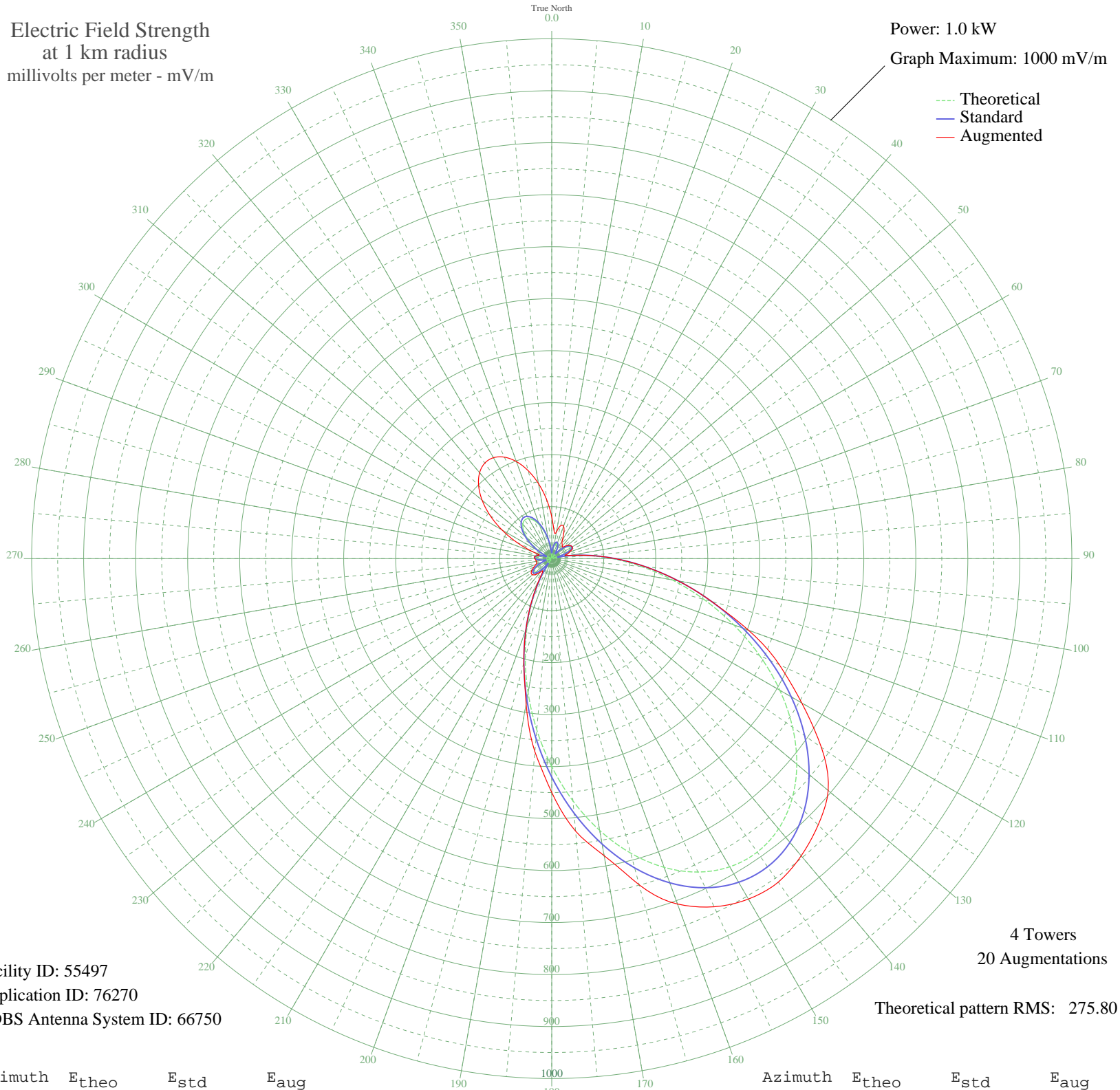


# WKJK LOUISVILLE, KY BL-19850220AG 1080 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 55497  
Application ID: 76270  
CDBS Antenna System ID: 66750

4 Towers  
20 Augmentations  
Theoretical pattern RMS: 275.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1.40	10.60	80.54
5	15.29	19.18	52.81
10	24.95	28.22	52.36
15	29.70	32.90	65.45
20	29.38	32.59	66.37
25	24.36	27.64	54.68
30	15.41	19.29	40.89
35	3.73	11.21	34.60
40	9.27	14.31	31.31
45	21.96	25.33	32.19
50	32.67	35.87	39.51
55	39.73	43.02	43.56
60	41.57	44.89	45.49
65	36.77	40.01	43.65
70	24.15	27.45	35.85
75	2.85	10.92	27.15
80	27.65	30.88	35.82
85	67.41	71.56	71.56
90	116.01	122.26	122.26
95	172.51	181.43	181.43
100	235.42	247.42	247.42
105	302.80	318.11	318.11
110	372.25	391.00	402.67
115	441.05	463.23	482.80
120	506.35	531.77	555.05
125	565.25	593.61	632.85
130	615.06	645.90	693.80
135	653.41	686.17	724.47
140	678.47	712.47	746.15
145	688.99	723.52	759.55
150	684.47	718.77	756.15
155	665.12	698.45	738.80
160	631.89	663.57	707.00
165	586.41	615.82	649.54
170	530.83	557.47	580.20
175	467.76	491.26	526.10

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	400.00	420.14	449.72
185	330.48	347.16	372.62
190	261.96	275.26	283.72
195	197.00	207.12	207.12
200	137.73	145.00	145.15
205	85.83	90.73	92.23
210	42.46	45.80	51.55
215	8.24	13.60	30.07
220	16.71	20.45	33.21
225	32.72	35.92	42.94
230	40.52	43.82	48.30
235	41.18	44.49	48.30
240	36.02	39.26	43.81
245	26.57	29.81	37.51
250	14.47	18.47	32.08
255	1.40	10.60	29.80
260	10.99	15.60	29.90
265	21.19	24.60	31.00
270	27.90	31.12	32.54
275	30.17	33.37	33.83
280	27.46	30.68	29.80
285	19.71	23.21	25.70
290	7.40	13.06	39.31
295	8.51	13.78	74.21
300	26.61	29.85	110.45
305	45.21	48.62	144.63
310	62.51	66.47	174.70
315	76.74	81.26	198.89
320	86.45	91.38	215.78
325	90.63	95.74	224.35
330	88.82	93.86	224.17
335	81.24	85.94	215.38
340	68.66	72.85	198.66
345	52.39	56.00	175.20
350	34.09	37.30	146.51
355	15.57	19.43	114.29