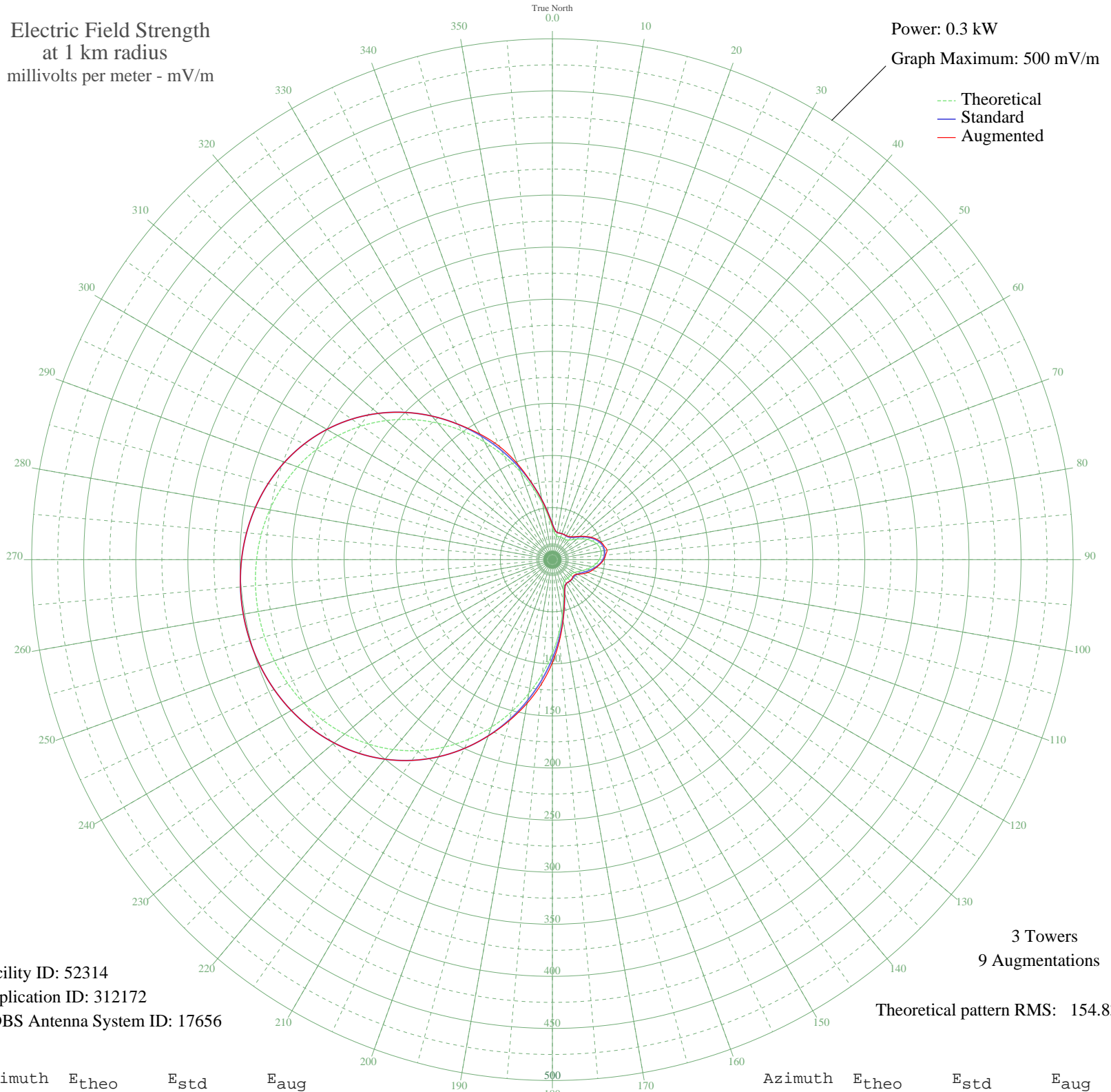


# KDLS PERRY, IA BL-- 1310 kHz

Nighttime

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

Power: 0.3 kW  
Graph Maximum: 500 mV/m



Facility ID: 52314  
Application ID: 312172  
CDBS Antenna System ID: 17656

3 Towers  
9 Augmentations  
Theoretical pattern RMS: 154.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	31.11	34.31	33.87
5	25.32	28.58	28.40
10	23.20	26.53	26.53
15	23.03	26.36	26.36
20	23.23	26.55	26.55
25	23.17	26.50	26.58
30	22.99	26.32	26.65
35	23.25	26.57	27.23
40	24.55	27.83	28.77
45	27.11	30.34	31.41
50	30.67	33.87	34.90
55	34.73	37.95	38.91
60	38.75	42.02	42.99
65	42.30	45.63	46.66
70	45.05	48.45	49.54
75	46.78	50.23	51.37
80	47.38	50.84	53.23
85	46.78	50.23	51.33
90	45.05	48.45	49.36
95	42.30	45.63	46.28
100	38.75	42.02	42.85
105	34.73	37.95	39.63
110	30.67	33.87	36.21
115	27.11	30.34	32.12
120	24.55	27.83	27.95
125	23.25	26.57	25.70
130	22.99	26.32	25.66
135	23.17	26.50	26.28
140	23.23	26.55	26.55
145	23.03	26.36	26.36
150	23.20	26.53	26.55
155	25.32	28.58	28.63
160	31.10	34.31	34.36
165	41.09	44.40	44.45
170	54.74	58.43	58.99
175	71.24	75.54	78.07

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	89.82	94.89	98.87
185	109.75	115.71	119.70
190	130.35	137.27	140.05
195	150.98	158.87	160.09
200	171.07	179.93	180.10
205	190.14	199.92	199.92
210	207.80	218.44	218.44
215	223.79	235.21	235.21
220	237.93	250.04	250.04
225	250.14	262.86	262.86
230	260.44	273.66	273.66
235	268.88	282.52	282.52
240	275.56	289.53	289.53
245	280.60	294.82	294.82
250	284.11	298.50	298.50
255	286.17	300.67	300.67
260	286.86	301.38	301.38
265	286.17	300.67	300.67
270	284.11	298.50	298.50
275	280.60	294.82	294.82
280	275.56	289.53	289.53
285	268.88	282.52	282.52
290	260.44	273.66	273.66
295	250.14	262.86	262.86
300	237.93	250.04	250.04
305	223.79	235.21	235.21
310	207.80	218.44	218.44
315	190.14	199.92	199.92
320	171.07	179.93	179.93
325	150.98	158.87	158.99
330	130.35	137.27	139.31
335	109.75	115.71	119.70
340	89.82	94.89	97.82
345	71.24	75.54	75.79
350	54.74	58.43	58.37
355	41.09	44.40	44.10