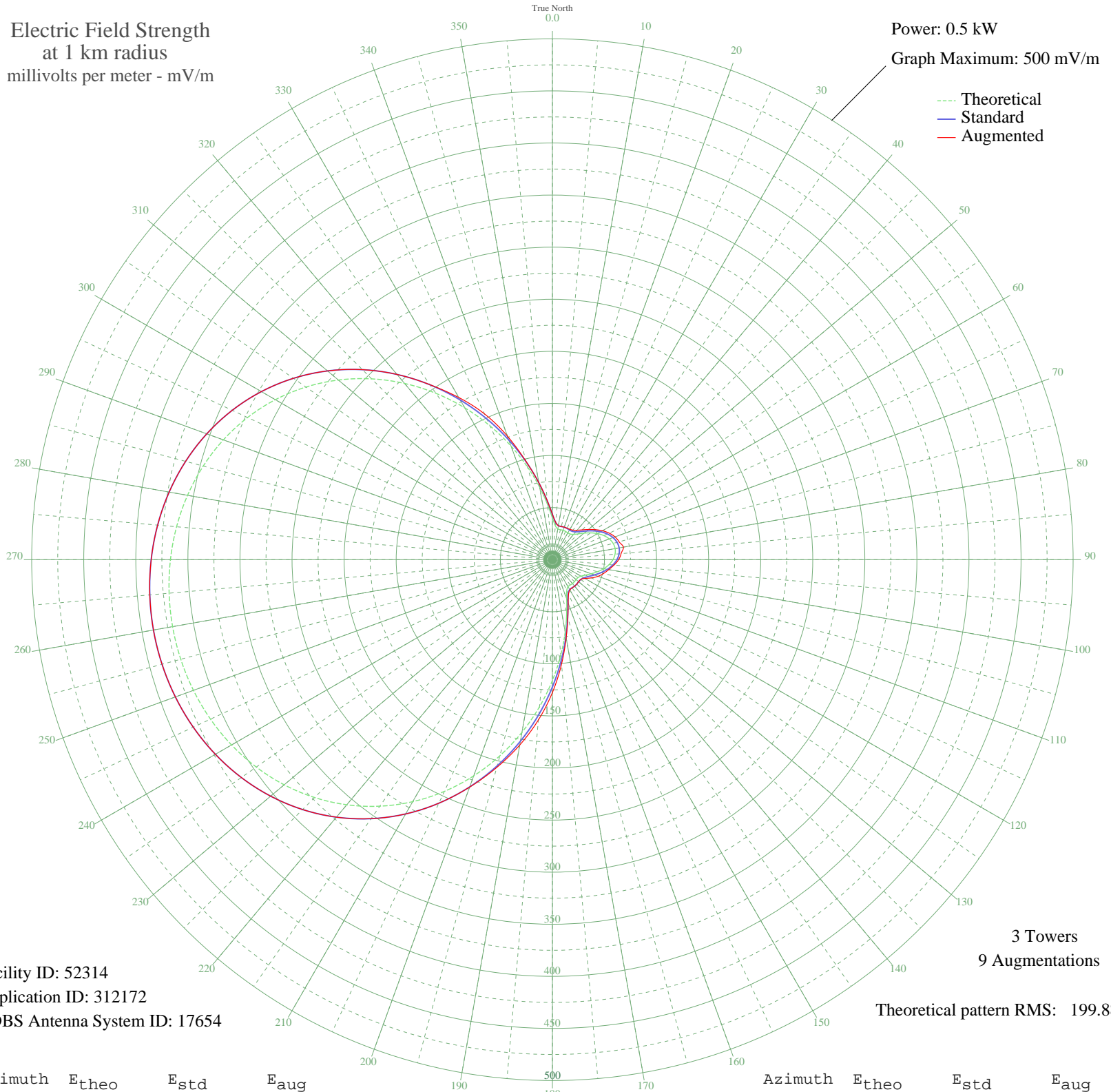


KDLS PERRY, IA BL-- 1310 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 52314
Application ID: 312172
CDBS Antenna System ID: 17654

3 Towers
9 Augmentations

Theoretical pattern RMS: 199.88

Azimuth	E _{theo}	E _{std}	E _{aug}
0	40.16	43.45	43.66
5	32.69	35.89	35.98
10	29.95	33.15	33.15
15	29.73	32.93	32.93
20	29.99	33.19	33.19
25	29.91	33.11	33.31
30	29.68	32.88	33.60
35	30.02	33.22	34.63
40	31.69	34.90	36.90
45	35.00	38.22	40.49
50	39.60	42.88	45.06
55	44.83	48.23	50.23
60	50.02	53.56	55.50
65	54.60	58.29	60.23
70	58.16	61.96	63.94
75	60.40	64.28	66.30
80	61.16	65.07	69.24
85	60.40	64.28	66.21
90	58.16	61.96	63.57
95	54.60	58.29	59.43
100	50.02	53.56	54.96
105	44.83	48.23	50.98
110	39.60	42.88	46.67
115	35.00	38.22	41.40
120	31.69	34.90	36.04
125	30.02	33.22	33.15
130	29.68	32.88	32.83
135	29.91	33.11	33.10
140	29.99	33.19	33.19
145	29.73	32.93	33.03
150	29.95	33.15	33.58
155	32.69	35.89	36.66
160	40.16	43.45	44.31
165	53.05	56.68	57.36
170	70.67	74.94	76.06
175	91.97	97.14	100.71

Azimuth	E _{theo}	E _{std}	E _{aug}
180	115.95	122.20	127.60
185	141.68	149.14	154.50
190	168.27	177.00	180.74
195	194.91	204.92	206.55
200	220.84	232.12	232.36
205	245.46	257.94	257.94
210	268.26	281.87	281.87
215	288.90	303.53	303.53
220	307.15	322.68	322.68
225	322.92	339.23	339.23
230	336.22	353.18	353.18
235	347.11	364.62	364.62
240	355.74	373.68	373.68
245	362.25	380.51	380.51
250	366.78	385.26	385.26
255	369.44	388.06	388.06
260	370.32	388.98	388.98
265	369.44	388.06	388.06
270	366.78	385.26	385.26
275	362.25	380.51	380.51
280	355.74	373.68	373.68
285	347.11	364.62	364.62
290	336.22	353.18	353.18
295	322.92	339.23	339.23
300	307.15	322.68	322.68
305	288.90	303.53	303.53
310	268.26	281.87	281.87
315	245.46	257.94	257.94
320	220.84	232.12	232.12
325	194.91	204.92	205.08
330	168.27	177.00	179.75
335	141.68	149.14	154.50
340	115.95	122.20	126.15
345	91.97	97.14	97.48
350	70.67	74.94	74.97
355	53.05	56.68	56.82

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