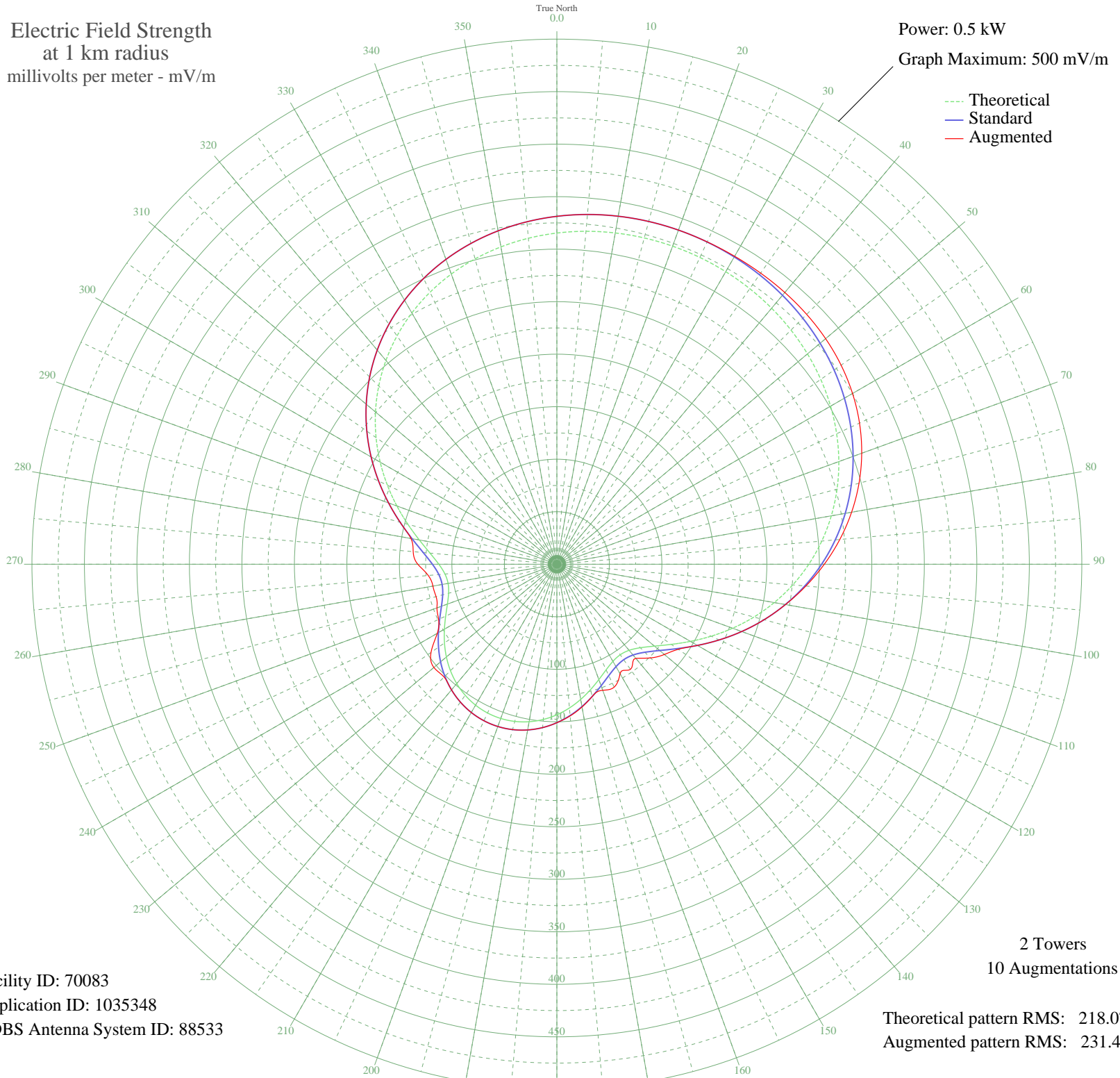


# KQKD REDFIELD, SD BML-20041021AGE 1380 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 70083  
Application ID: 1035348  
CDBS Antenna System ID: 88533

Theoretical pattern RMS: 218.07  
Augmented pattern RMS: 231.47

Azimuth	Etheo	Estd	Eaug
0	315.35	331.28	331.28
5	318.23	334.31	334.31
10	320.31	336.49	336.49
15	321.65	337.90	337.90
20	322.31	338.59	338.59
25	322.31	338.59	338.67
30	321.65	337.90	338.62
35	320.31	336.49	338.39
40	318.23	334.31	337.78
45	315.35	331.28	336.47
50	311.58	327.33	334.15
55	306.84	322.35	330.48
60	301.02	316.24	325.19
65	294.03	308.91	318.07
70	285.80	300.27	308.99
75	276.27	290.28	297.94
80	265.44	278.91	285.05
85	253.31	266.18	270.53
90	239.97	252.18	254.72
95	225.54	237.05	238.08
100	210.23	220.99	221.12
105	194.31	204.30	204.30
110	178.13	187.34	187.34
115	162.15	170.58	170.58
120	146.90	154.60	154.60
125	133.04	140.08	141.18
130	121.30	127.80	133.67
135	112.43	118.52	126.15
140	107.01	112.85	116.97
145	105.23	110.99	122.23
150	106.78	112.61	120.35
155	110.96	116.98	129.15
160	116.88	123.17	127.70
165	123.68	130.29	130.30
170	130.68	137.62	137.98
175	137.36	144.61	144.95

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	Etheo	Estd	Eaug
180	143.35	150.88	150.89
185	148.38	156.15	156.15
190	152.27	160.23	160.23
195	154.93	163.01	163.01
200	156.27	164.42	164.42
205	156.27	164.42	164.42
210	154.93	163.01	163.01
215	152.27	160.23	160.23
220	148.38	156.15	156.15
225	143.35	150.88	151.91
230	137.36	144.61	152.93
235	130.68	137.62	146.34
240	123.68	130.29	131.48
245	116.88	123.17	124.31
250	110.96	116.98	121.57
255	106.78	112.61	119.13
260	105.23	110.99	119.88
265	107.01	112.85	122.97
270	112.43	118.52	132.51
275	121.30	127.80	137.37
280	133.04	140.08	141.09
285	146.90	154.60	154.60
290	162.15	170.58	170.58
295	178.13	187.34	187.34
300	194.31	204.30	204.30
305	210.23	220.99	220.99
310	225.54	237.05	237.05
315	239.97	252.18	252.18
320	253.31	266.18	266.18
325	265.44	278.91	278.91
330	276.27	290.28	290.28
335	285.80	300.27	300.27
340	294.03	308.91	308.91
345	301.02	316.24	316.24
350	306.84	322.35	322.35
355	311.58	327.33	327.33