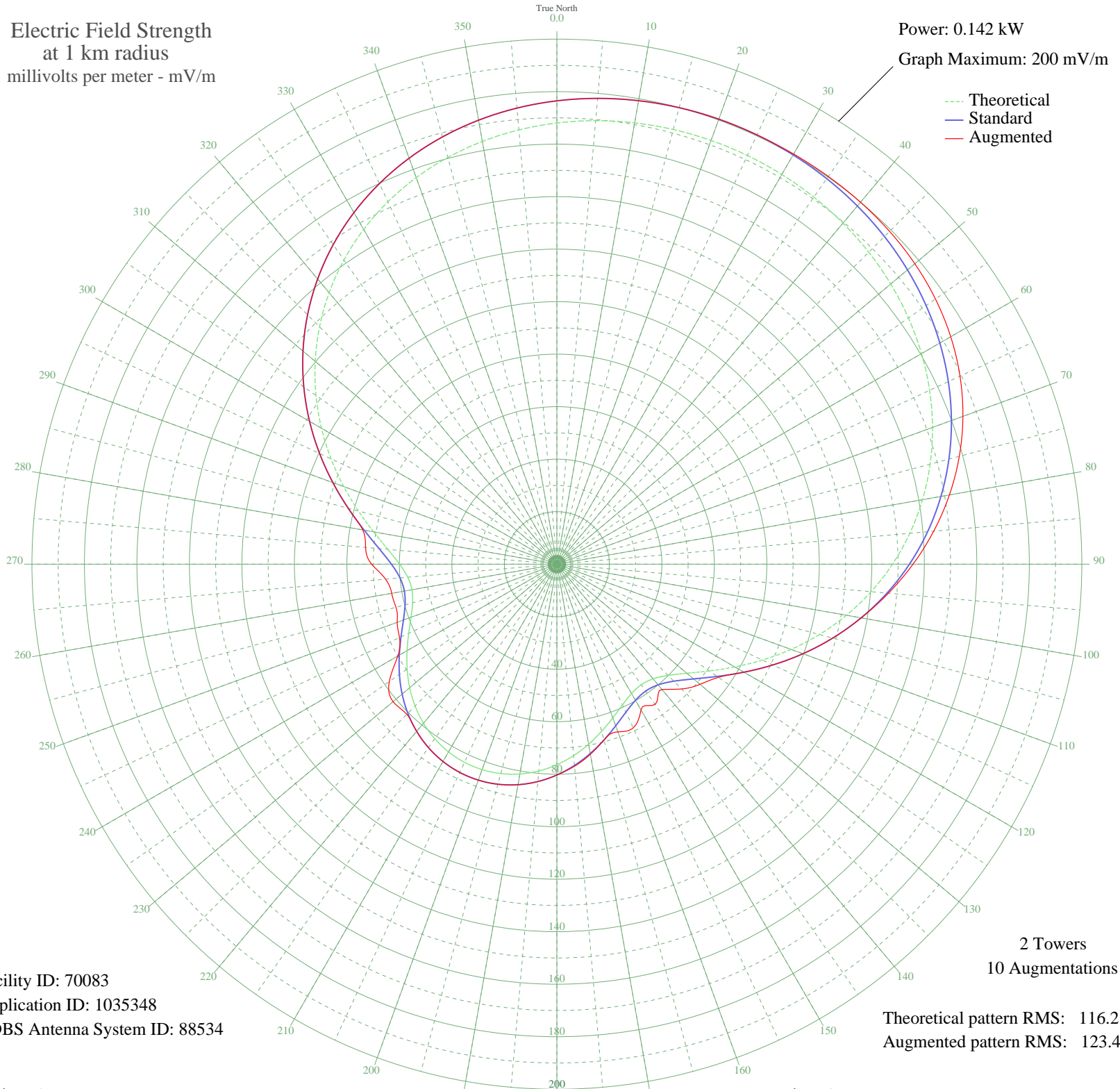


KQKD REDFIELD, SD BML-20041021AGE 1380 kHz

Nighttime

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

Power: 0.142 kW
Graph Maximum: 200 mV/m



Facility ID: 70083
Application ID: 1035348
CDBS Antenna System ID: 88534

Theoretical pattern RMS: 116.21
Augmented pattern RMS: 123.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	168.05	176.50	176.50
5	169.58	178.11	178.11
10	170.69	179.27	179.27
15	171.41	180.02	180.02
20	171.76	180.39	180.39
25	171.76	180.39	180.44
30	171.41	180.02	180.41
35	170.69	179.27	180.29
40	169.58	178.11	179.97
45	168.05	176.50	179.27
50	166.04	174.39	178.04
55	163.52	171.74	176.09
60	160.41	168.48	173.27
65	156.69	164.57	169.47
70	152.30	159.97	164.63
75	147.23	154.64	158.74
80	141.45	148.58	151.87
85	134.99	141.79	144.12
90	127.88	134.33	135.69
95	120.19	126.26	126.81
100	112.03	117.70	117.77
105	103.55	108.80	108.80
110	94.93	99.75	99.75
115	86.41	90.81	90.81
120	78.28	82.29	82.29
125	70.90	74.55	75.15
130	64.64	67.99	71.20
135	59.92	63.04	67.21
140	57.03	60.01	62.30
145	56.08	59.01	65.21
150	56.90	59.88	64.12
155	59.13	62.21	68.81
160	62.28	65.52	67.98
165	65.91	69.32	69.33
170	69.64	73.23	73.53
175	73.20	76.96	77.25

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	76.39	80.31	80.32
185	79.07	83.12	83.12
190	81.15	85.30	85.30
195	82.56	86.78	86.78
200	83.28	87.53	87.53
205	83.28	87.53	87.53
210	82.56	86.78	86.78
215	81.15	85.30	85.30
220	79.07	83.12	83.12
225	76.39	80.31	80.86
230	73.20	76.96	81.47
235	69.64	73.23	77.95
240	65.91	69.32	69.96
245	62.28	65.52	66.15
250	59.13	62.21	64.76
255	56.90	59.88	63.48
260	56.08	59.01	63.90
265	57.03	60.01	65.51
270	59.92	63.04	70.60
275	64.64	67.99	73.16
280	70.90	74.55	75.09
285	78.28	82.29	82.29
290	86.41	90.81	90.81
295	94.93	99.75	99.75
300	103.55	108.80	108.80
305	112.03	117.70	117.70
310	120.19	126.26	126.26
315	127.88	134.33	134.33
320	134.99	141.79	141.79
325	141.45	148.58	148.58
330	147.23	154.64	154.64
335	152.30	159.97	159.97
340	156.69	164.57	164.57
345	160.41	168.48	168.48
350	163.52	171.74	171.74
355	166.04	174.39	174.39