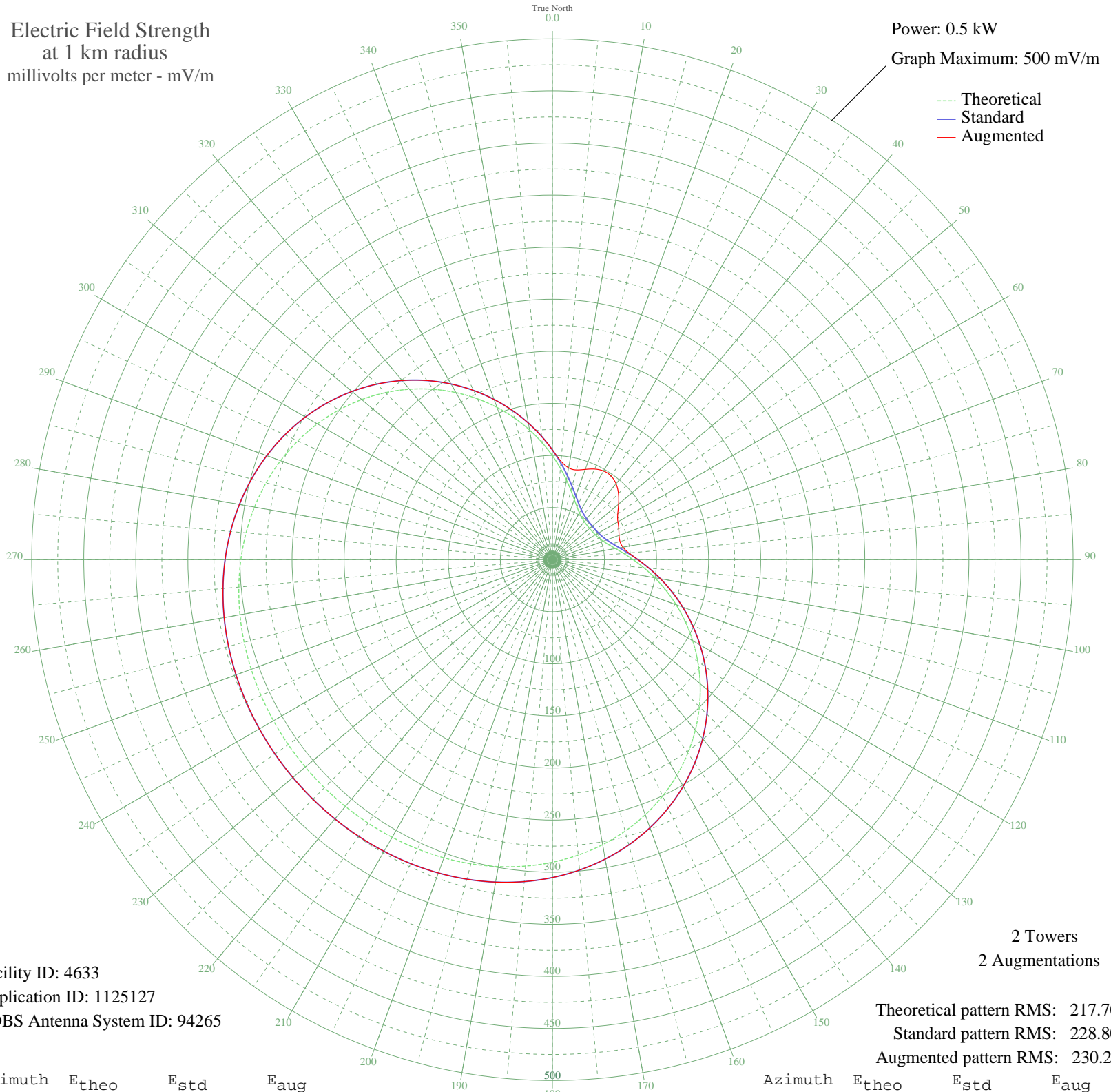


KBAI BELLINGHAM, WA BL-20060317AGL 930 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 4633
Application ID: 1125127
CDBS Antenna System ID: 94265

Theoretical pattern RMS: 217.70
Standard pattern RMS: 228.80
Augmented pattern RMS: 230.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	99.81	105.32	105.32
5	88.05	93.04	94.83
10	77.62	82.17	89.49
15	68.71	72.91	89.14
20	61.46	65.38	92.19
25	55.87	59.60	95.93
30	51.88	55.47	98.28
35	49.24	52.75	98.11
40	47.66	51.13	95.10
45	46.85	50.30	89.68
50	46.61	50.05	82.95
55	46.85	50.30	76.60
60	47.66	51.13	72.64
65	49.24	52.75	70.28
70	51.88	55.47	68.10
75	55.87	59.60	67.20
80	61.46	65.38	68.78
85	68.71	72.91	73.72
90	77.62	82.17	82.17
95	88.05	93.04	93.04
100	99.81	105.32	105.32
105	112.68	118.78	118.78
110	126.42	133.16	133.16
115	140.79	148.20	148.20
120	155.54	163.65	163.65
125	170.41	179.24	179.24
130	185.19	194.73	194.73
135	199.63	209.87	209.87
140	213.54	224.46	224.46
145	226.73	238.30	238.30
150	239.05	251.22	251.22
155	250.39	263.12	263.12
160	260.65	273.88	273.88
165	269.78	283.47	283.47
170	277.78	291.86	291.86
175	284.66	299.08	299.08

Azimuth	E _{theo}	E _{std}	E _{aug}
180	290.46	305.17	305.17
185	295.27	310.21	310.21
190	299.16	314.30	314.30
195	302.25	317.53	317.53
200	304.63	320.04	320.04
205	306.43	321.92	321.92
210	307.74	323.29	323.29
215	308.65	324.25	324.25
220	309.25	324.88	324.88
225	309.58	325.23	325.23
230	309.69	325.34	325.34
235	309.58	325.23	325.23
240	309.25	324.88	324.88
245	308.65	324.25	324.25
250	307.74	323.29	323.29
255	306.43	321.92	321.92
260	304.63	320.04	320.04
265	302.25	317.53	317.53
270	299.16	314.30	314.30
275	295.27	310.21	310.21
280	290.46	305.17	305.17
285	284.66	299.08	299.08
290	277.78	291.86	291.86
295	269.78	283.47	283.47
300	260.65	273.88	273.88
305	250.39	263.12	263.12
310	239.05	251.22	251.22
315	226.73	238.30	238.30
320	213.54	224.46	224.46
325	199.63	209.87	209.87
330	185.19	194.73	194.73
335	170.41	179.24	179.24
340	155.54	163.65	163.65
345	140.79	148.20	148.20
350	126.42	133.16	133.16
355	112.68	118.78	118.78

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission