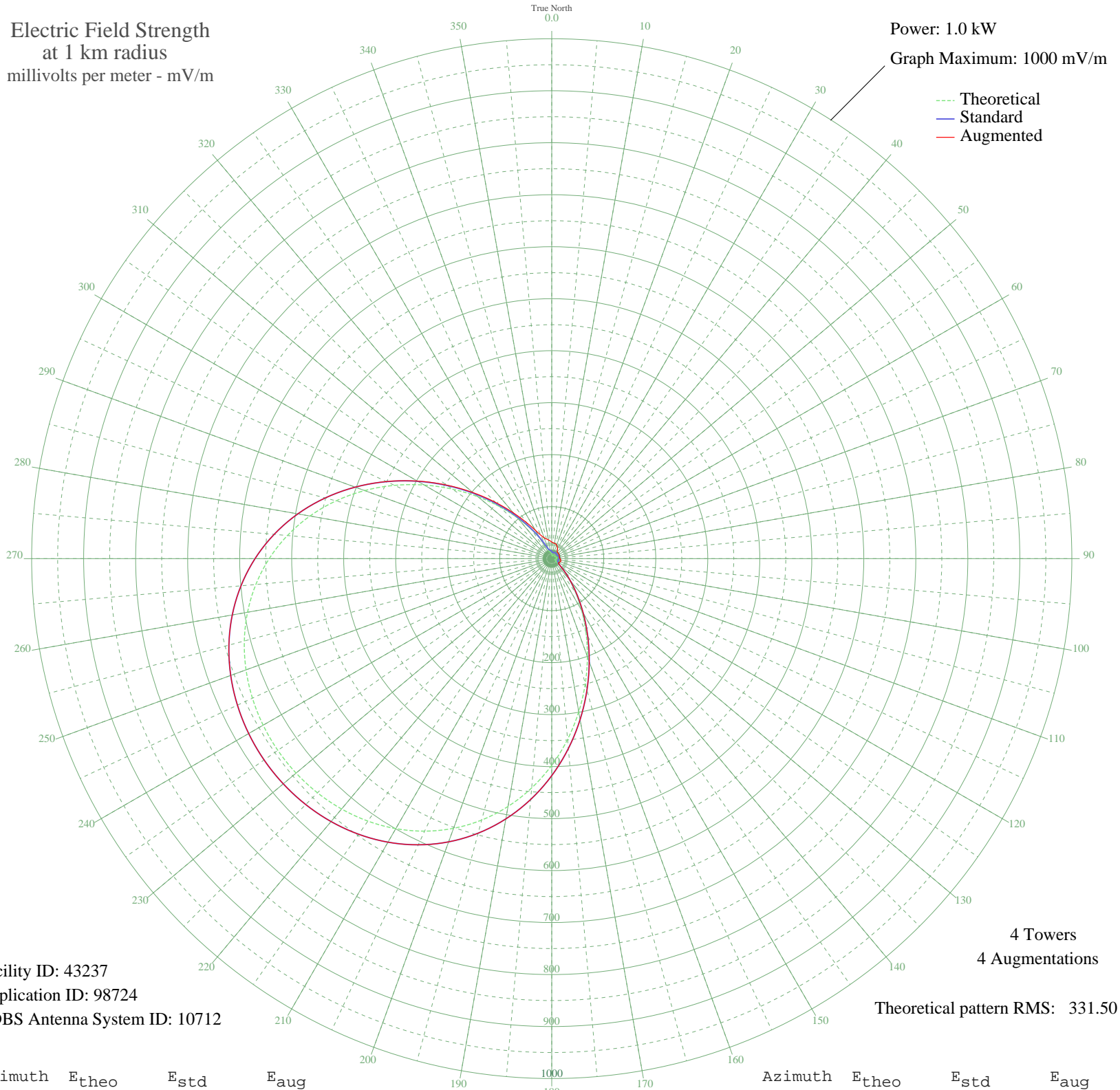


KOIL BELLEVUE, NE BL-19870311AA 1180 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 43237
Application ID: 98724
CDBS Antenna System ID: 10712

4 Towers
4 Augmentations
Theoretical pattern RMS: 331.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	8.28	13.66	32.02
5	5.76	12.15	30.52
10	4.61	11.59	30.00
15	5.38	11.95	29.47
20	6.67	12.65	27.82
25	7.55	13.18	25.23
30	7.83	13.36	22.06
35	7.65	13.25	18.90
40	7.22	12.98	16.67
45	6.80	12.73	16.31
50	6.58	12.60	16.49
55	6.70	12.67	16.42
60	7.18	12.95	16.14
65	7.95	13.44	15.76
70	8.86	14.05	15.42
75	9.69	14.65	15.20
80	10.19	15.02	15.10
85	10.13	14.97	15.21
90	9.38	14.42	15.99
95	8.00	13.47	16.98
100	6.45	12.52	17.73
105	5.69	12.11	18.00
110	6.38	12.48	17.70
115	7.61	13.22	16.78
120	8.59	13.86	15.50
125	10.68	15.39	15.62
130	17.62	21.29	21.29
135	31.42	34.63	34.63
140	52.29	55.91	55.91
145	80.18	84.85	84.85
150	114.74	120.94	120.94
155	155.22	163.32	163.32
160	200.44	210.72	210.72
165	248.93	261.59	261.59
170	299.04	314.16	314.16
175	349.05	366.65	366.65

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	397.39	417.40	417.40
185	442.72	464.98	464.98
190	484.01	508.31	508.31
195	520.56	546.68	546.68
200	552.02	579.72	579.72
205	578.33	607.34	607.34
210	599.66	629.73	629.73
215	616.30	647.20	647.20
220	628.63	660.14	660.14
225	636.99	668.93	668.93
230	641.70	673.87	673.87
235	642.92	675.15	675.15
240	640.71	672.83	672.83
245	634.97	666.81	666.81
250	625.49	656.85	656.85
255	611.93	642.61	642.61
260	593.93	623.71	623.71
265	571.12	599.77	599.77
270	543.23	570.49	570.49
275	510.16	535.77	535.77
280	472.04	495.75	495.75
285	429.31	450.90	450.90
290	382.78	402.05	402.16
295	333.57	350.40	350.79
300	283.11	297.45	298.35
305	233.05	244.93	246.66
310	185.11	194.66	197.63
315	140.95	148.37	153.17
320	102.01	107.62	115.04
325	69.40	73.63	84.71
330	43.91	47.29	63.08
335	26.05	29.32	49.77
340	16.23	20.04	42.69
345	13.11	17.34	39.12
350	12.25	16.62	36.61
355	10.73	15.42	34.20

23 Oct 2009

Prepared by Audio Division, Media Bureau
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