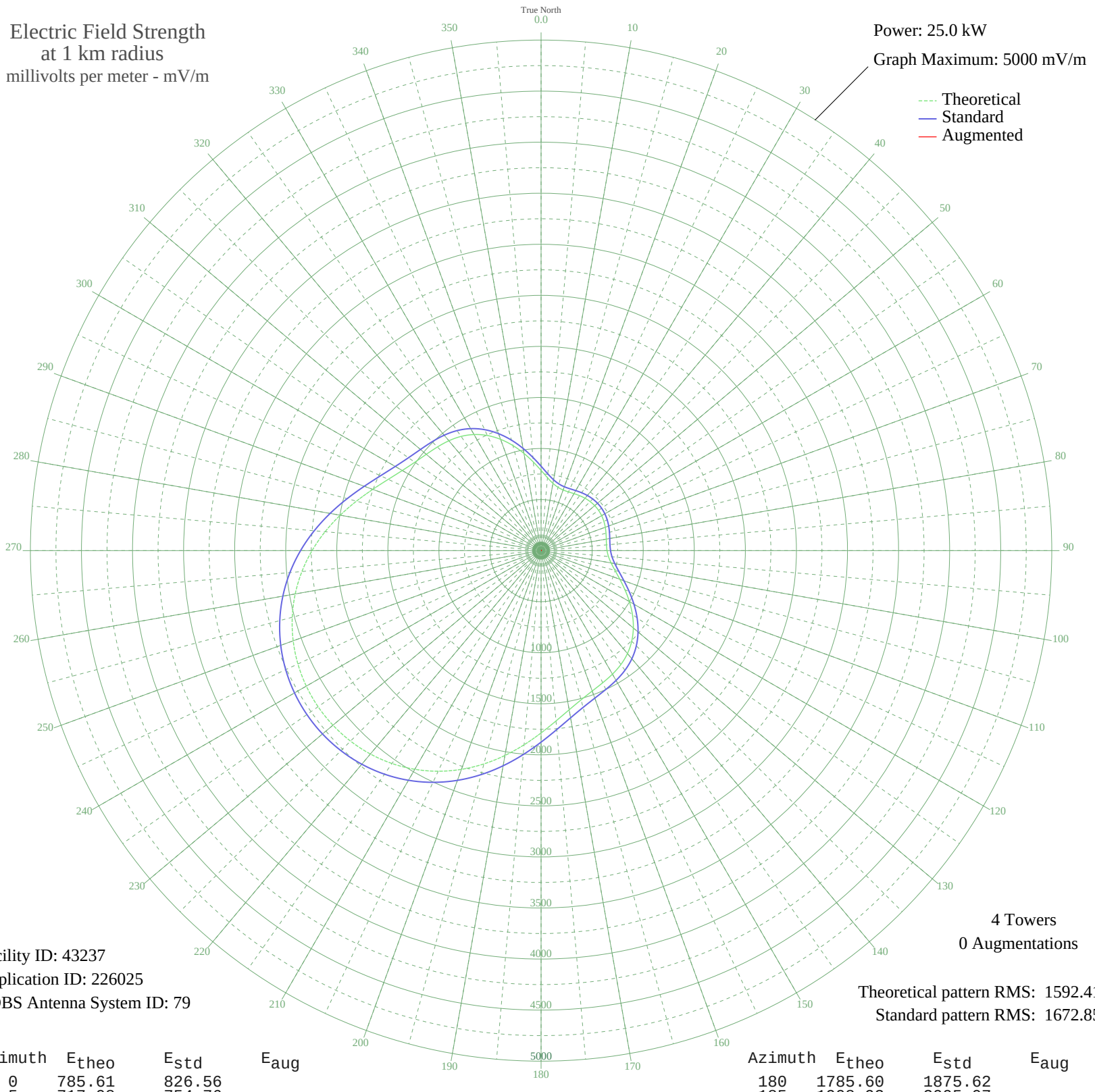
KOIL BELLEVUE, NE BL-19960522AA 1180 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 43237
Application ID: 226025
CDBS Antenna System ID: 79

Theoretical pattern RMS: 1592.41
Standard pattern RMS: 1672.85

Azimuth	E_{theo}	E_{std}	E_{aug}
0	785.61	826.56	
5	717.08	754.76	
10	669.00	704.41	
15	641.60	675.72	
20	631.78	665.44	
25	634.47	668.26	
30	644.38	678.63	
35	657.08	691.93	
40	669.38	704.81	
45	679.21	715.10	
50	685.33	721.51	
55	687.18	723.44	
60	684.68	720.83	
65	678.26	714.10	
70	668.84	704.24	
75	658.00	692.90	
80	648.14	682.56	
85	642.61	676.78	
90	645.74	680.06	
95	662.27	697.37	
100	696.20	732.90	
105	749.37	788.59	
110	820.57	863.20	
115	905.65	952.38	
120	998.43	1049.66	
125	1091.85	1147.65	
130	1179.15	1239.22	
135	1254.87	1318.65	
140	1315.84	1382.63	
145	1362.07	1431.14	
150	1397.11	1467.91	
155	1427.90	1500.21	
160	1463.53	1537.60	
165	1513.09	1589.61	
170	1582.93	1662.91	
175	1674.80	1759.32	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1785.60	1875.62	
185	1908.93	2005.07	
190	2037.06	2139.56	
195	2162.65	2271.39	
200	2279.73	2394.29	
205	2384.05	2503.80	
210	2472.97	2597.15	
215	2545.19	2672.96	
220	2600.31	2730.83	
225	2638.47	2770.89	
230	2660.02	2793.52	
235	2665.26	2799.02	
240	2654.28	2787.49	
245	2626.95	2758.80	
250	2582.99	2712.65	
255	2522.13	2648.75	
260	2444.40	2567.16	
265	2350.52	2468.61	
270	2242.25	2354.95	
275	2122.78	2229.54	
280	1997.01	2097.52	
285	1871.46	1965.73	
290	1753.72	1842.15	
295	1651.21	1734.56	
300	1569.26	1648.55	
305	1509.12	1585.45	
310	1467.09	1541.34	
315	1435.35	1508.03	
320	1404.33	1475.49	
325	1365.39	1434.62	
330	1312.62	1379.25	
335	1243.72	1306.96	
340	1159.93	1219.06	
345	1065.47	1119.97	
350	966.64	1016.33	
355	870.87	915.92	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission