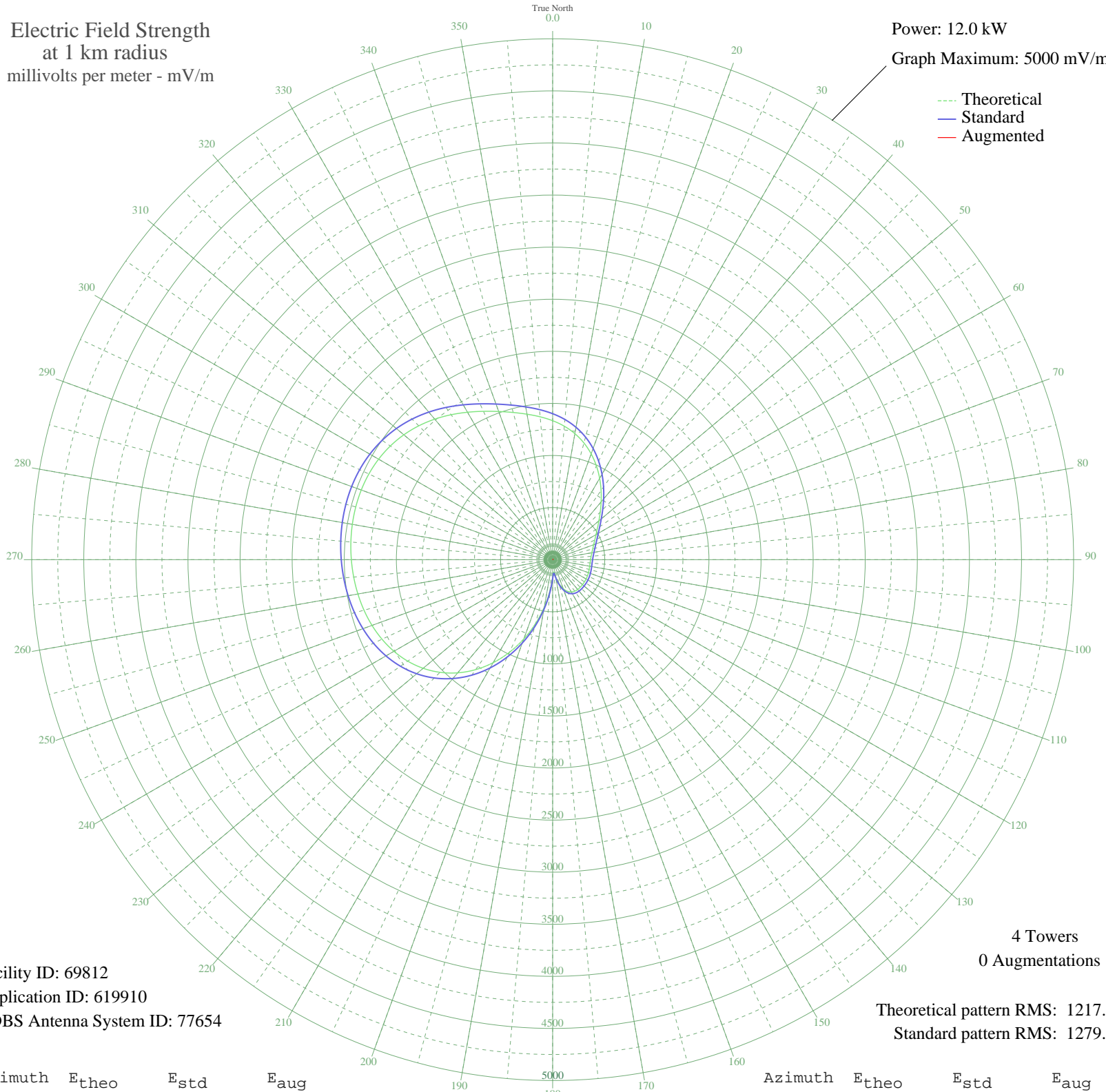


KKAD VANCOUVER, WA BL-20021121ABX 1550 kHz

Nighttime

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

Power: 12.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 69812
Application ID: 619910
CDBS Antenna System ID: 77654

4 Towers
0 Augmentations

Theoretical pattern RMS: 1217.00
Standard pattern RMS: 1279.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1334.10	1401.27	
5	1285.89	1350.67	
10	1228.37	1290.30	
15	1159.81	1218.34	
20	1080.65	1135.26	
25	993.31	1043.61	
30	901.66	947.44	
35	810.30	851.60	
40	723.81	760.87	
45	645.94	679.21	
50	579.13	609.18	
55	524.16	551.57	
60	480.29	505.62	
65	445.84	469.55	
70	418.88	441.33	
75	397.87	419.34	
80	381.88	402.62	
85	370.49	390.71	
90	363.47	383.37	
95	360.40	380.17	
100	360.50	380.26	
105	362.63	382.49	
110	365.60	385.60	
115	368.45	388.58	
120	370.66	390.89	
125	372.22	392.52	
130	373.36	393.71	
135	374.08	394.46	
140	373.45	393.80	
145	369.20	389.36	
150	357.72	377.37	
155	334.64	353.25	
160	295.82	312.74	
165	239.07	253.65	
170	168.46	180.58	
175	117.08	128.20	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	171.01	183.21	
185	302.67	319.88	
190	462.68	487.17	
195	634.88	667.62	
200	810.11	851.39	
205	981.12	1030.82	
210	1142.10	1199.75	
215	1288.70	1353.63	
220	1418.19	1489.54	
225	1529.34	1606.22	
230	1622.28	1703.79	
235	1698.21	1783.50	
240	1759.05	1847.36	
245	1807.12	1897.82	
250	1844.83	1937.41	
255	1874.47	1968.53	
260	1897.98	1993.22	
265	1916.87	2013.04	
270	1932.08	2029.01	
275	1943.97	2041.49	
280	1952.31	2050.24	
285	1956.31	2054.45	
290	1954.77	2052.83	
295	1946.18	2043.81	
300	1929.02	2025.79	
305	1902.03	1997.47	
310	1864.60	1958.17	
315	1817.02	1908.22	
320	1760.78	1849.18	
325	1698.59	1783.89	
330	1634.10	1716.19	
335	1571.30	1650.26	
340	1513.58	1589.67	
345	1462.66	1536.23	
350	1417.97	1489.31	
355	1376.58	1445.87	

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.

08 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission