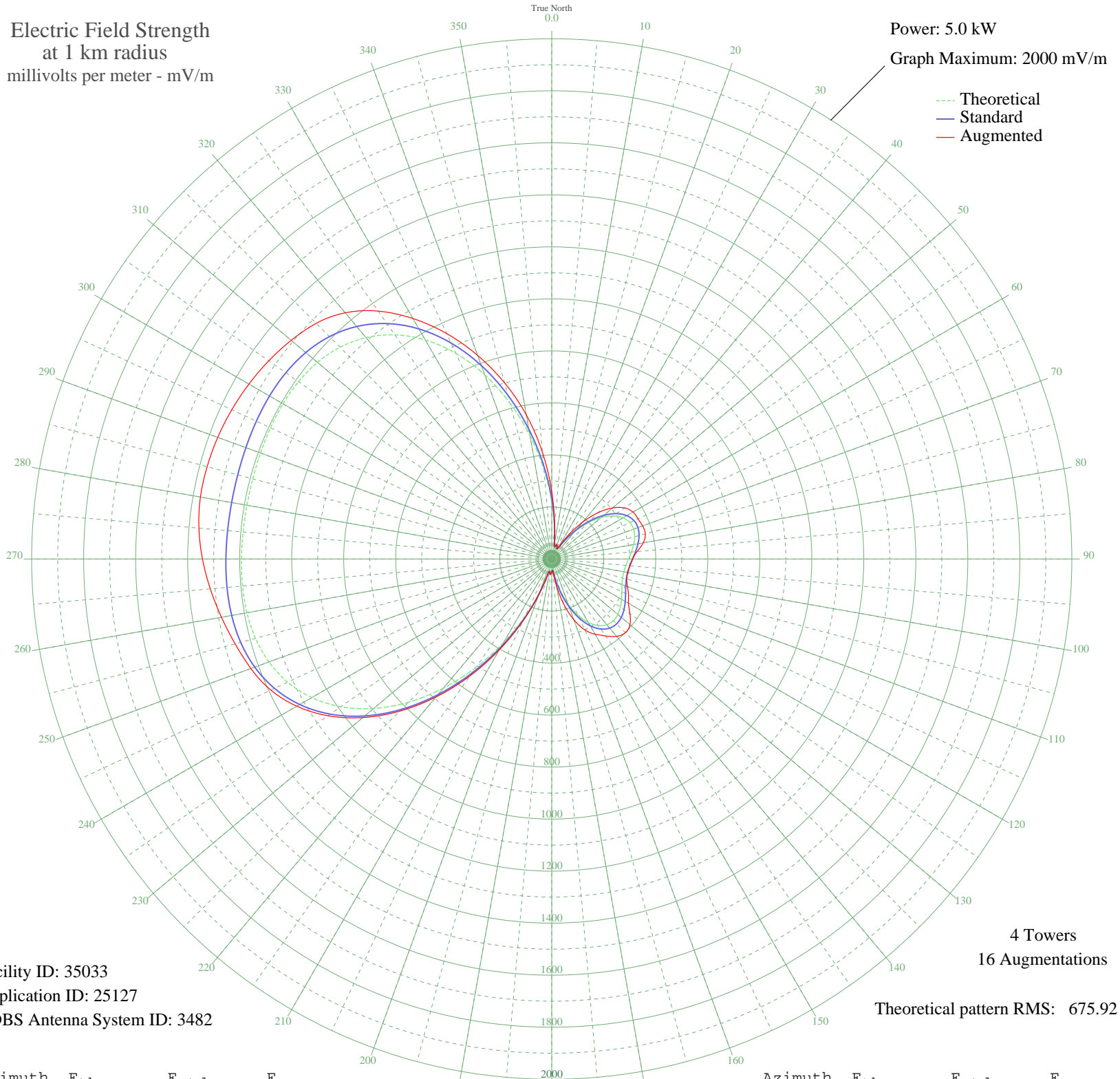


KTRO VANCOUVER, WA BL-19801125AH 910 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 35033
Application ID: 25127
CDBS Antenna System ID: 3482

4 Towers
16 Augmentations

Theoretical pattern RMS: 675.92

Azimuth	E _{theo}	E _{std}	E _{aug}
0	219.79	231.97	259.69
5	117.16	125.24	126.86
10	50.29	57.79	59.08
15	40.96	49.00	51.55
20	47.52	55.14	59.55
25	38.57	46.81	48.73
30	39.64	47.79	52.47
35	80.82	88.05	112.93
40	137.76	146.54	185.07
45	195.91	207.04	251.84
50	247.72	261.16	305.49
55	288.62	303.96	342.01
60	316.54	333.20	360.81
65	331.52	348.89	365.88
70	335.19	352.73	371.88
75	330.24	347.55	372.47
80	319.87	336.68	357.13
85	307.26	323.47	329.46
90	295.26	310.92	310.92
95	286.17	301.39	301.39
100	281.51	296.51	296.51
105	282.04	297.07	298.28
110	287.67	302.96	309.97
115	297.49	313.25	325.56
120	309.81	326.15	340.62
125	322.22	339.15	367.14
130	331.77	349.15	392.71
135	335.24	352.78	400.80
140	329.50	346.77	387.95
145	312.02	328.46	361.31
150	281.44	296.45	333.73
155	238.12	251.12	300.30
160	184.60	195.24	248.23
165	125.96	134.33	180.60
170	70.60	77.76	105.66
175	35.92	44.43	46.52

Azimuth	E _{theo}	E _{std}	E _{aug}
180	41.15	49.17	49.44
185	47.42	55.05	59.95
190	39.16	47.35	50.43
195	59.66	66.90	67.65
200	135.39	144.08	145.33
205	243.32	256.56	264.37
210	371.41	390.69	403.23
215	509.59	535.59	549.29
220	648.14	680.95	692.80
225	778.43	817.69	827.83
230	893.82	938.81	948.54
235	990.07	1039.84	1050.61
240	1065.44	1118.96	1132.11
245	1120.43	1176.69	1192.01
250	1157.24	1215.33	1231.16
255	1179.18	1238.36	1260.51
260	1190.03	1249.75	1289.64
265	1193.57	1253.46	1317.96
270	1193.13	1253.01	1343.09
275	1191.39	1251.18	1361.95
280	1190.16	1249.88	1371.79
285	1190.31	1250.04	1371.92
290	1191.74	1251.55	1366.81
295	1193.40	1253.29	1357.55
300	1193.28	1253.16	1344.67
305	1188.56	1248.21	1328.37
310	1175.80	1234.82	1307.96
315	1151.19	1208.98	1281.31
320	1110.98	1166.76	1235.59
325	1052.04	1104.89	1163.46
330	972.47	1021.36	1067.61
335	872.18	916.09	956.47
340	753.39	791.40	833.08
345	620.83	652.30	701.17
350	481.63	506.25	562.23
355	344.67	362.66	412.02

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission