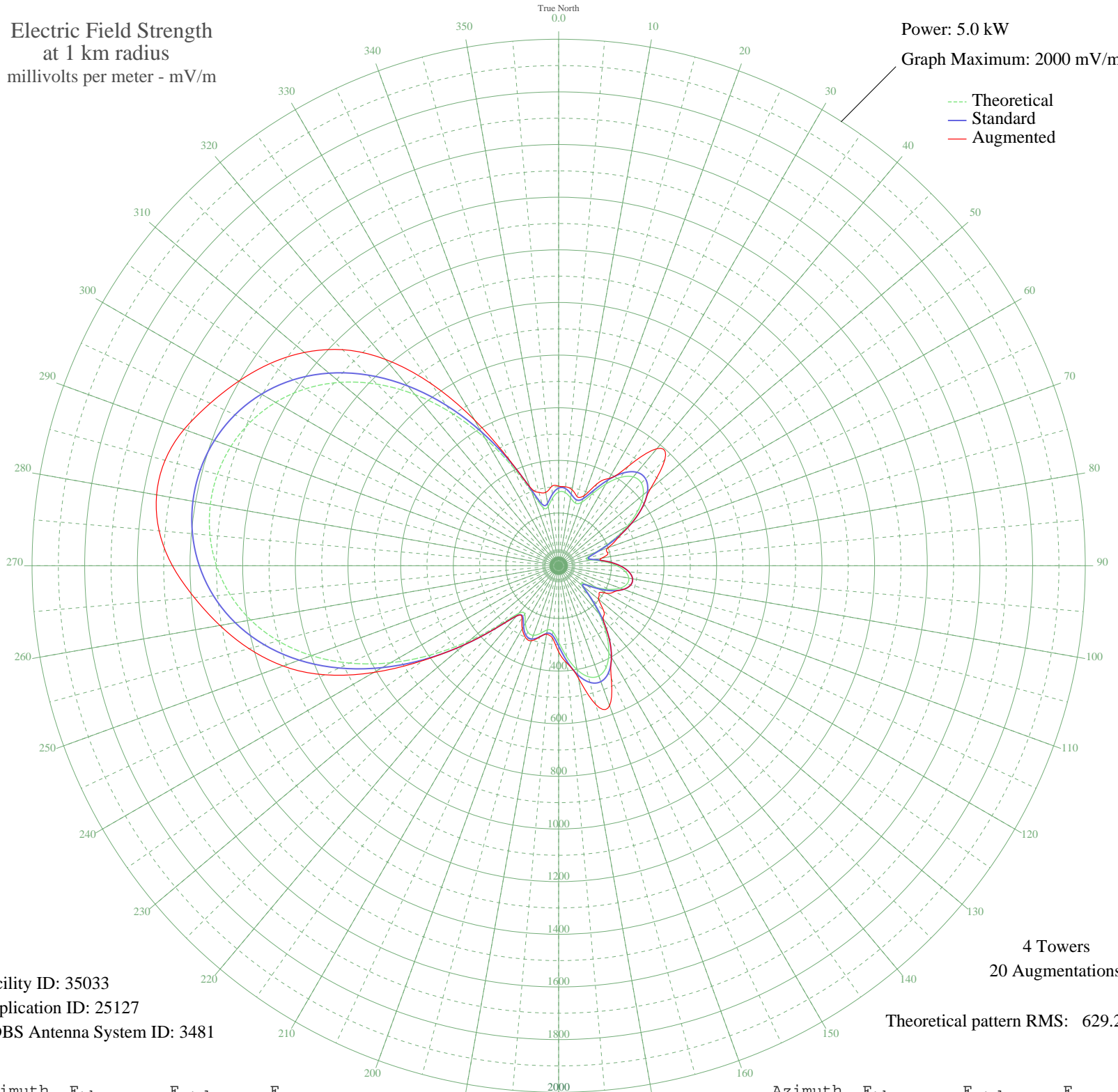


KTRO VANCOUVER, WA BL-19801125AH 910 kHz

Daytime

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: 3481

4 Towers
20 Augmentations
Theoretical pattern RMS: 629.25

Azimuth	E _{theo}	E _{std}	E _{aug}
0	280.24	295.19	302.31
5	279.44	294.35	300.94
10	261.53	275.60	293.21
15	245.84	259.20	271.49
20	256.87	270.74	283.24
25	300.39	316.28	342.18
30	358.34	376.98	382.84
35	409.70	430.83	462.05
40	440.56	463.18	580.42
45	444.14	466.94	570.46
50	419.37	440.96	455.37
55	369.53	388.72	388.72
60	301.14	317.07	317.07
65	223.36	235.70	246.84
70	149.95	159.19	199.17
75	108.37	116.18	192.42
80	126.93	135.33	166.30
85	175.04	185.29	185.29
90	221.10	233.34	233.34
95	254.24	267.98	267.98
100	270.57	285.07	285.07
105	268.74	283.15	283.15
110	248.88	262.37	262.37
115	212.72	224.59	233.49
120	165.00	174.83	209.21
125	119.30	127.44	187.10
130	112.13	120.06	198.13
135	163.29	173.05	241.40
140	239.12	252.17	262.53
145	315.90	332.53	332.53
150	381.23	400.98	400.98
155	426.49	448.43	473.20
160	445.73	468.60	565.51
165	436.44	458.87	546.37
170	400.74	421.43	433.80
175	346.69	364.78	372.26

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	289.78	305.18	326.87
185	251.81	265.44	274.89
190	247.53	260.96	264.39
195	265.73	280.00	280.33
200	281.35	296.35	303.28
205	277.61	292.44	299.55
210	252.60	266.27	276.43
215	224.51	236.90	242.88
220	236.60	249.54	249.54
225	316.92	333.59	333.59
230	443.81	466.59	466.59
235	589.58	619.50	627.06
240	736.95	774.16	810.79
245	875.37	919.44	980.21
250	998.49	1048.67	1113.67
255	1102.95	1158.33	1217.33
260	1187.61	1247.21	1306.39
265	1252.79	1315.64	1388.94
270	1299.59	1364.77	1466.99
275	1329.35	1396.01	1523.16
280	1343.17	1410.52	1550.56
285	1341.64	1408.92	1547.49
290	1324.70	1391.13	1514.14
295	1291.63	1356.42	1460.06
300	1241.26	1303.54	1402.61
305	1172.26	1231.10	1338.66
310	1083.63	1138.05	1260.46
315	975.28	1024.32	1160.73
320	848.76	891.51	1023.09
325	707.93	743.69	844.41
330	559.86	588.33	639.93
335	416.20	437.64	443.93
340	296.07	311.76	317.81
345	228.77	241.36	288.62
350	228.57	241.14	282.91
355	258.80	272.75	302.55