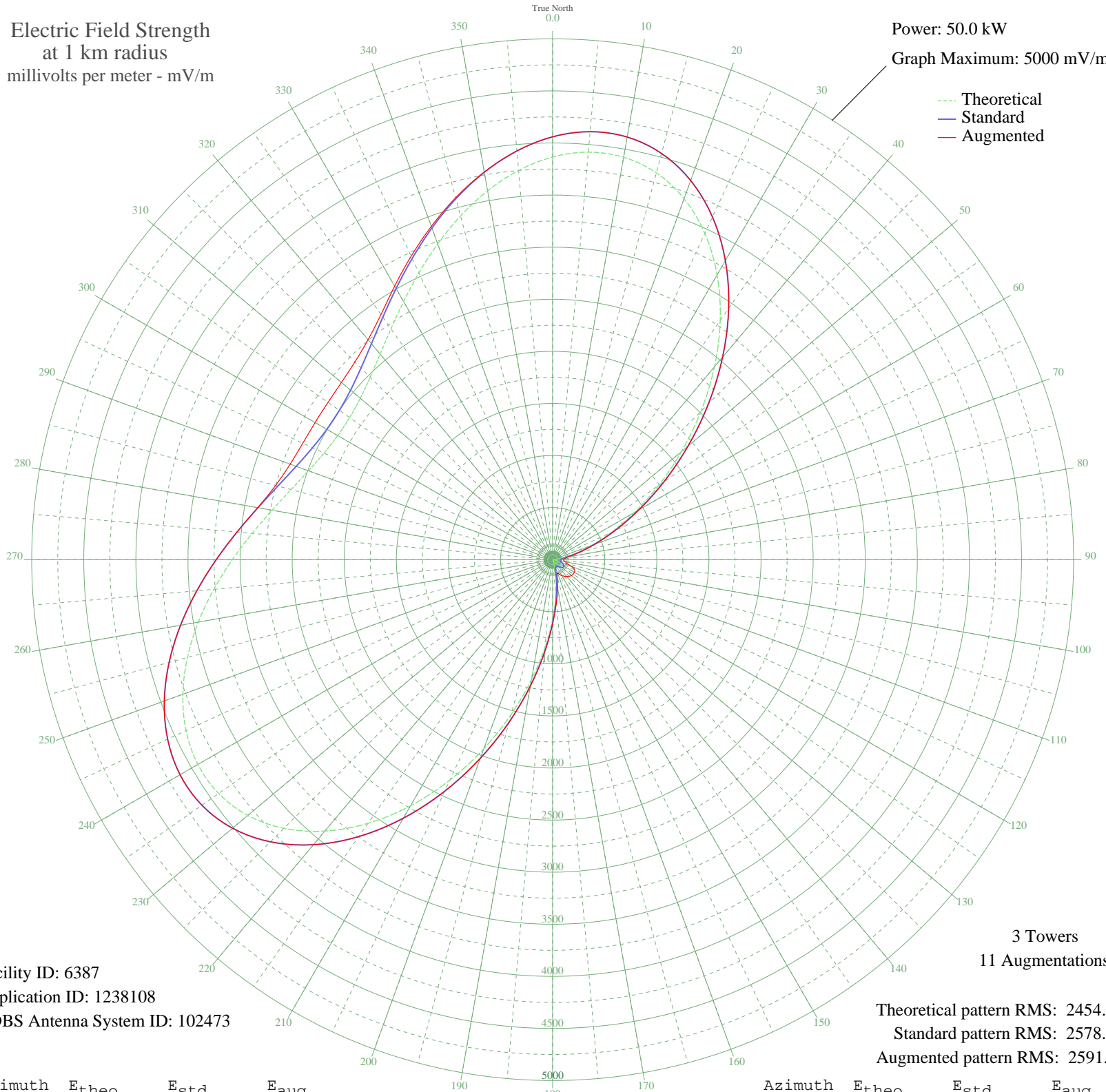


KPTK SEATTLE, WA BP-20071119AEZ 1090 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 6387
Application ID: 1238108
CDBS Antenna System ID: 102473

3 Towers
11 Augmentations

Theoretical pattern RMS: 2454.25
Standard pattern RMS: 2578.00
Augmented pattern RMS: 2591.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3865.42	4059.37	4059.37
5	3927.01	4124.03	4124.03
10	3922.81	4119.62	4119.62
15	3844.32	4037.22	4037.22
20	3687.97	3873.09	3873.09
25	3456.03	3629.59	3629.59
30	3156.75	3315.42	3315.42
35	2803.91	2945.05	2945.05
40	2415.49	2537.35	2537.35
45	2011.84	2113.74	2113.74
50	1613.65	1695.95	1695.95
55	1239.80	1303.91	1303.91
60	905.74	953.92	953.92
65	622.26	657.57	657.57
70	395.03	421.37	421.37
75	224.78	247.43	255.36
80	107.98	135.53	146.46
85	37.82	84.20	118.24
90	5.44	74.47	104.07
95	1.02	74.25	108.05
100	14.79	75.85	126.48
105	37.77	84.17	140.46
110	62.33	98.98	193.65
115	82.54	114.12	233.81
120	94.27	123.74	239.89
125	95.38	124.67	240.98
130	85.66	116.63	236.18
135	66.88	102.20	225.83
140	42.77	86.77	210.48
145	18.91	76.86	192.96
150	2.62	74.30	177.53
155	2.64	74.30	155.10
160	28.63	80.10	137.64
165	90.48	120.57	166.17
170	197.33	220.09	271.30
175	356.48	381.60	413.89

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	572.22	605.40	614.27
185	844.74	890.08	892.78
190	1169.39	1230.10	1231.21
195	1536.38	1614.90	1615.24
200	1931.12	2029.04	2029.08
205	2335.30	2453.19	2453.19
210	2728.45	2865.83	2865.83
215	3089.95	3245.29	3245.29
220	3401.19	3572.02	3572.02
225	3647.45	3830.55	3830.55
230	3819.29	4010.95	4010.95
235	3913.25	4109.58	4109.58
240	3931.77	4129.02	4129.02
245	3882.46	4077.26	4077.26
250	3776.83	3966.37	3966.37
255	3628.77	3810.94	3810.94
260	3453.05	3626.46	3626.46
265	3263.94	3427.94	3427.94
270	3074.32	3228.89	3228.89
275	2895.00	3040.65	3040.65
280	2734.54	2872.23	2874.12
285	2599.32	2730.30	2753.18
290	2493.80	2619.54	2680.73
295	2420.86	2542.99	2645.42
300	2382.23	2502.44	2632.49
305	2378.71	2498.74	2631.95
310	2410.36	2531.96	2646.41
315	2476.53	2601.42	2683.99
320	2575.73	2705.53	2756.17
325	2705.31	2841.55	2872.48
330	2861.16	3005.14	3032.65
335	3037.32	3190.05	3213.86
340	3225.68	3387.78	3404.85
345	3415.86	3587.42	3596.97
350	3595.37	3775.87	3779.32
355	3750.15	3938.35	3938.64