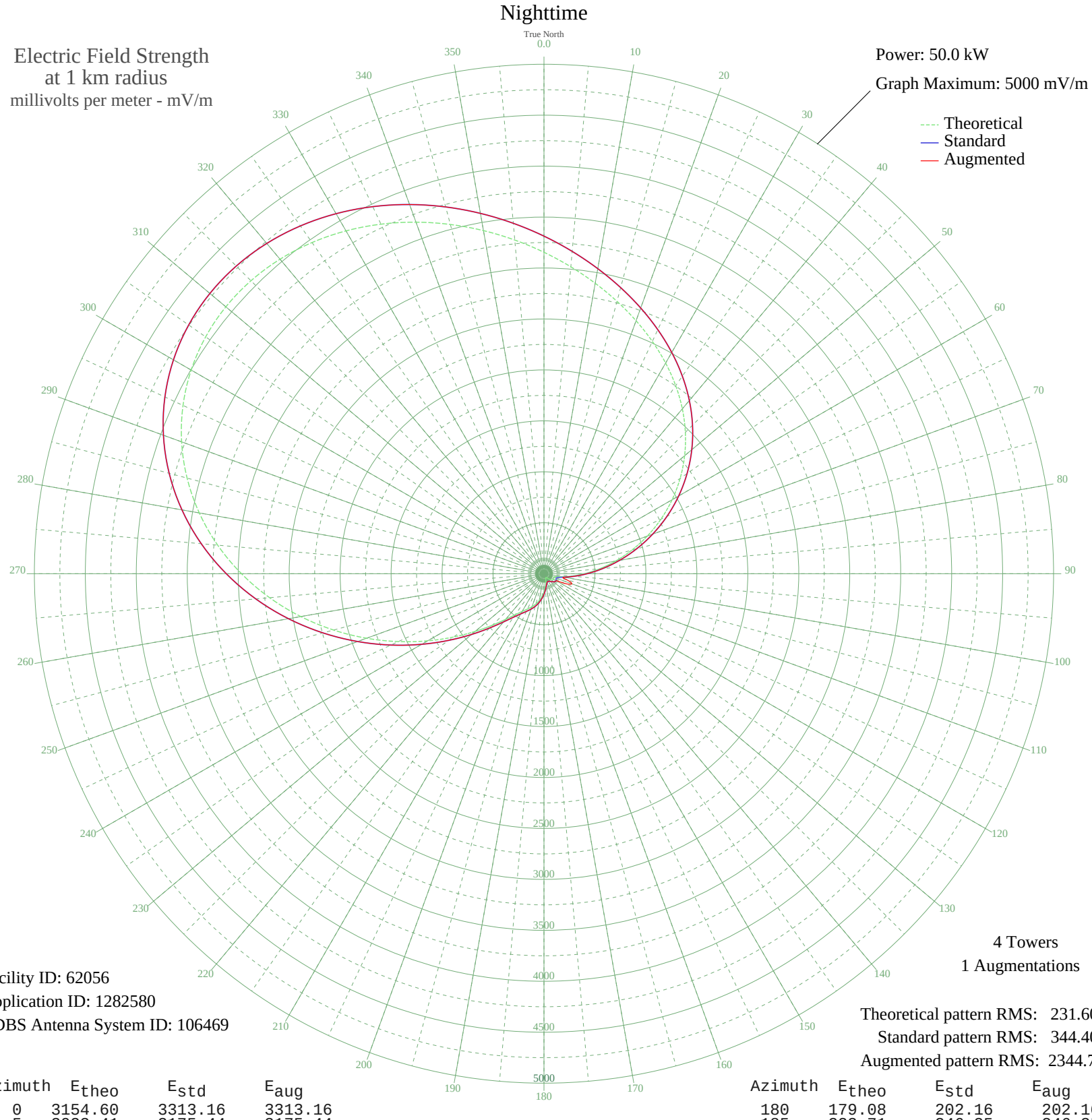
KRKO EVERETT, WA 0MP-20090209AFM 1380 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
1 Augmentations

Facility ID: 62056
Application ID: 1282580
CDBS Antenna System ID: 106469

Theoretical pattern RMS: 231.60
Standard pattern RMS: 344.40
Augmented pattern RMS: 2344.76

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3154.60	3313.16	3313.16
5	3023.41	3175.44	3175.44
10	2894.39	3040.02	3040.02
15	2767.52	2906.84	2906.84
20	2641.86	2774.95	2774.95
25	2515.76	2642.59	2642.59
30	2387.01	2507.46	2507.46
35	2253.21	2367.03	2367.03
40	2112.06	2218.90	2218.90
45	1961.77	2061.19	2061.19
50	1801.35	1892.88	1892.88
55	1630.89	1714.04	1714.04
60	1451.67	1526.06	1526.06
65	1266.23	1331.61	1331.61
70	1078.20	1134.54	1134.54
75	892.12	939.66	939.66
80	713.11	752.43	752.43
85	546.51	578.62	578.62
90	397.64	424.07	424.07
95	271.81	294.90	294.90
100	175.11	198.29	198.29
105	116.20	142.83	232.89
110	99.48	128.16	290.00
115	105.13	133.03	227.02
120	109.88	137.20	137.20
125	106.11	133.89	133.89
130	94.47	123.90	123.90
135	78.37	110.84	110.84
140	61.99	98.74	98.74
145	49.06	90.36	90.36
150	41.82	86.26	86.26
155	41.30	85.98	85.98
160	49.52	90.64	90.64
165	68.69	103.51	103.51
170	98.38	127.21	127.21
175	136.21	161.15	161.15

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	179.08	202.16	202.16
185	223.71	246.35	246.35
190	267.14	290.16	290.16
195	307.46	331.26	331.26
200	344.77	369.54	369.54
205	382.37	408.29	408.29
210	427.62	455.10	455.10
215	491.20	521.08	521.08
220	583.98	617.66	617.66
225	713.12	752.44	752.44
230	880.50	927.50	927.50
235	1083.76	1140.37	1140.37
240	1317.93	1385.82	1385.82
245	1576.50	1656.99	1656.99
250	1852.09	1946.11	1946.11
255	2136.86	2244.93	2244.93
260	2422.84	2545.06	2545.06
265	2702.31	2838.39	2838.39
270	2968.08	3117.37	3117.37
275	3213.82	3375.33	3375.33
280	3434.20	3606.67	3606.67
285	3625.06	3807.04	3807.04
290	3783.48	3973.35	3973.35
295	3907.72	4103.78	4103.78
300	3997.20	4197.72	4197.72
305	4052.36	4255.63	4255.63
310	4074.56	4278.93	4278.93
315	4065.92	4269.86	4269.86
320	4029.20	4231.31	4231.31
325	3967.67	4166.71	4166.71
330	3884.95	4079.87	4079.87
335	3784.89	3974.83	3974.83
340	3671.40	3855.69	3855.69
345	3548.31	3726.47	3726.47
350	3419.18	3590.90	3590.90
355	3287.11	3452.26	3452.26