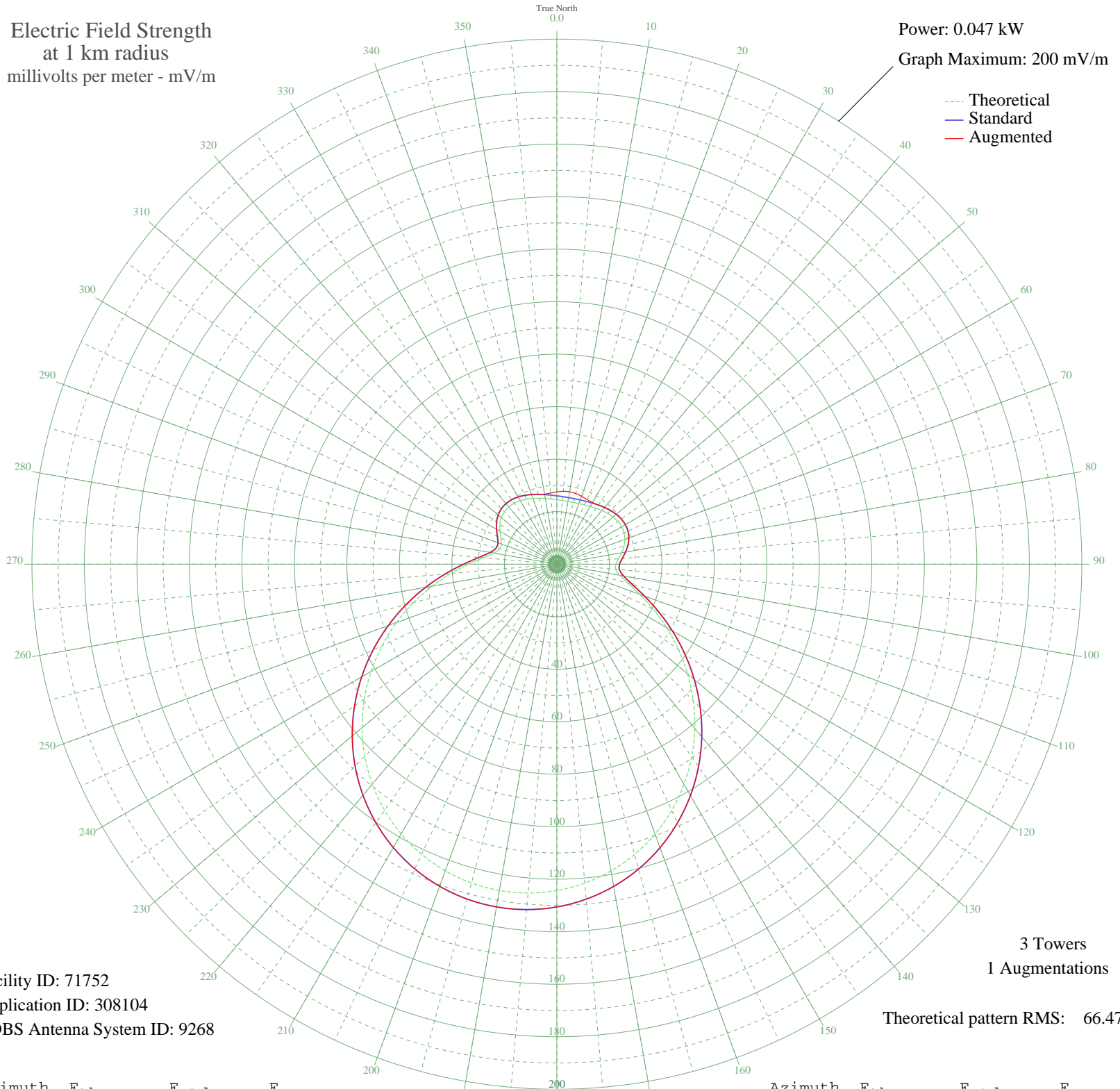


KXMG PORTLAND, OR BL-- 1150 kHz

Nighttime

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

Power: 0.047 kW
Graph Maximum: 200 mV/m



Facility ID: 71752
Application ID: 308104
CDBS Antenna System ID: 9268

3 Towers
1 Augmentations
Theoretical pattern RMS: 66.47

Azimuth	E _{theo}	E _{std}	E _{aug}
0	24.55	26.03	27.51
5	24.34	25.82	27.86
10	24.27	25.74	28.00
15	24.34	25.82	27.86
20	24.55	26.03	27.51
25	24.90	26.39	27.18
30	25.38	26.90	27.11
35	25.98	27.52	27.52
40	26.65	28.22	28.22
45	27.33	28.92	28.92
50	27.93	29.55	29.55
55	28.34	29.98	29.98
60	28.48	30.12	30.12
65	28.24	29.87	29.87
70	27.57	29.17	29.17
75	26.47	28.03	28.03
80	25.05	26.55	26.55
85	23.56	25.00	25.00
90	22.49	23.89	23.89
95	22.53	23.93	23.93
100	24.32	25.80	25.80
105	28.12	29.74	29.74
110	33.66	35.53	35.53
115	40.52	42.70	42.70
120	48.26	50.80	50.80
125	56.51	59.45	59.45
130	65.00	68.35	68.35
135	73.47	77.23	77.23
140	81.71	85.87	85.87
145	89.55	94.10	94.10
150	96.85	101.76	101.76
155	103.49	108.73	108.73
160	109.38	114.91	114.91
165	114.45	120.23	120.23
170	118.65	124.63	124.63
175	121.94	128.09	128.09

Azimuth	E _{theo}	E _{std}	E _{aug}
180	124.31	130.57	130.57
185	125.73	132.07	132.07
190	126.21	132.57	132.57
195	125.73	132.07	132.07
200	124.31	130.57	130.57
205	121.94	128.09	128.09
210	118.65	124.63	124.63
215	114.45	120.23	120.23
220	109.38	114.91	114.91
225	103.49	108.73	108.73
230	96.85	101.76	101.76
235	89.55	94.10	94.10
240	81.71	85.87	85.87
245	73.47	77.23	77.23
250	65.00	68.35	68.35
255	56.51	59.45	59.45
260	48.26	50.80	50.80
265	40.52	42.70	42.70
270	33.66	35.53	35.53
275	28.12	29.74	29.74
280	24.32	25.80	25.80
285	22.53	23.93	23.93
290	22.49	23.89	23.89
295	23.56	25.00	25.00
300	25.05	26.55	26.55
305	26.47	28.03	28.03
310	27.57	29.17	29.17
315	28.24	29.87	29.87
320	28.48	30.12	30.12
325	28.34	29.98	29.98
330	27.93	29.55	29.55
335	27.33	28.92	28.92
340	26.65	28.22	28.22
345	25.98	27.52	27.52
350	25.38	26.90	27.11
355	24.90	26.39	27.18

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission