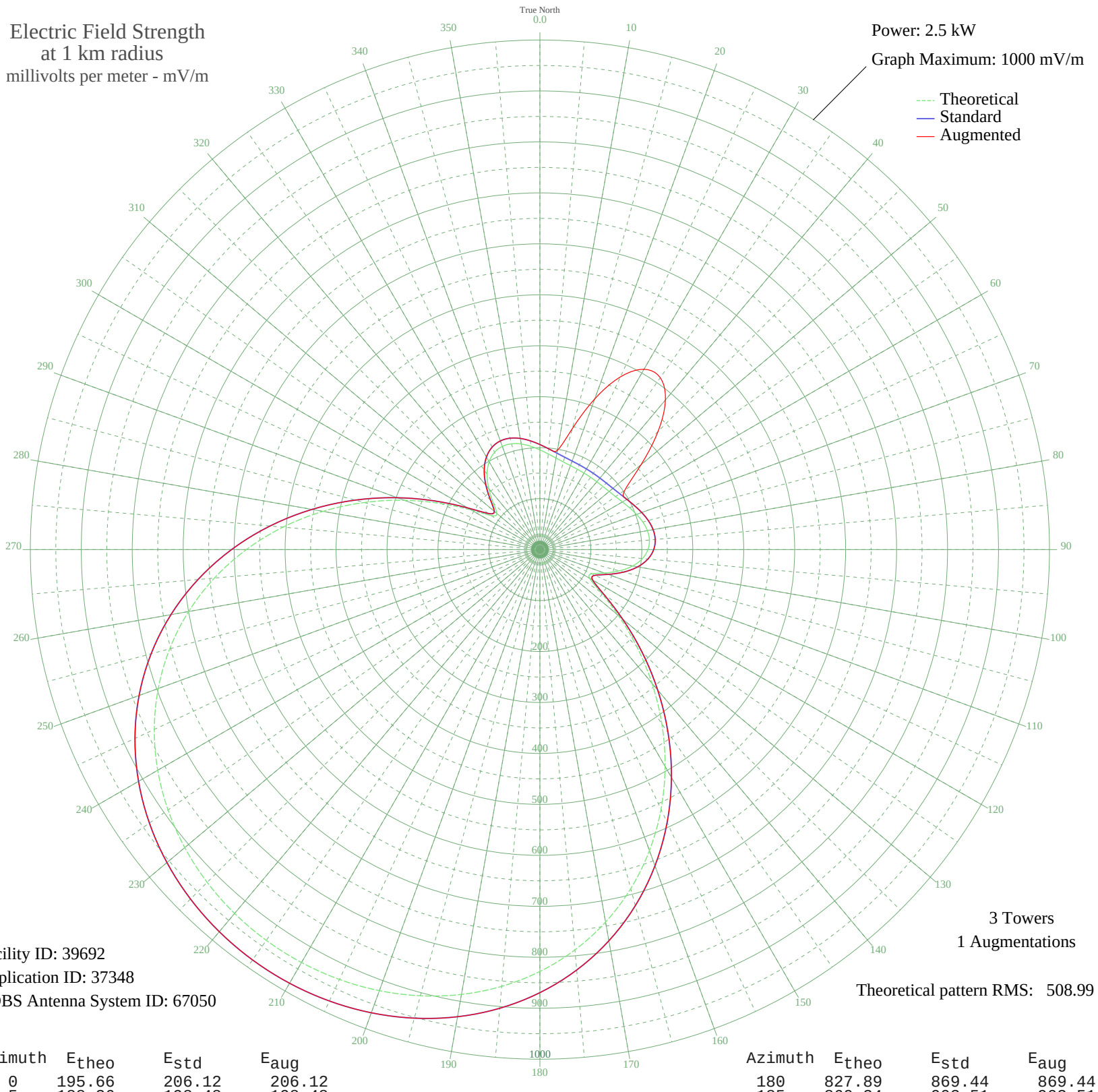
KWRM CORONA, CA BL-19811218AD 1370 kHz

Nighttime

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



Power: 2.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
1 Augmentations

Facility ID: 39692
Application ID: 37348
CDBS Antenna System ID: 67050

Theoretical pattern RMS: 508.99

Azimuth	E_{theo}	E_{std}	E_{aug}
0	195.66	206.12	206.12
5	188.36	198.48	198.48
10	182.38	192.23	197.80
15	178.07	187.72	245.62
20	175.37	184.90	314.70
25	173.91	183.37	374.02
30	173.29	182.73	408.55
35	173.24	182.67	411.80
40	173.73	183.18	383.21
45	174.99	184.50	327.99
50	177.41	187.03	259.03
55	181.38	191.18	203.49
60	187.04	197.10	197.10
65	194.13	204.52	204.52
70	201.88	212.64	212.64
75	209.10	220.19	220.19
80	214.27	225.60	225.60
85	215.77	227.18	227.18
90	212.08	223.31	223.31
95	202.00	212.75	212.75
100	184.92	194.89	194.89
105	161.41	170.31	170.31
110	134.44	142.15	142.15
115	112.52	119.32	119.32
120	112.61	119.42	119.42
125	145.11	153.28	153.28
130	200.77	211.47	211.47
135	268.51	282.43	282.43
140	341.97	359.46	359.46
145	417.22	438.40	438.40
150	491.43	516.27	516.27
155	562.44	590.80	590.80
160	628.62	660.26	660.26
165	688.79	723.42	723.42
170	742.23	779.52	779.52
175	788.60	828.19	828.19

Azimuth	E_{theo}	E_{std}	E_{aug}
180	827.89	869.44	869.44
185	860.34	903.51	903.51
190	886.36	930.83	930.83
195	906.44	951.91	951.91
200	921.08	967.27	967.27
205	930.70	977.38	977.38
210	935.65	982.57	982.57
215	936.09	983.04	983.04
220	932.06	978.80	978.80
225	923.39	969.70	969.70
230	909.79	955.42	955.42
235	890.84	935.53	935.53
240	866.04	909.50	909.50
245	834.91	876.82	876.82
250	797.02	837.03	837.03
255	752.07	789.85	789.85
260	700.03	735.22	735.22
265	641.16	673.42	673.42
270	576.11	605.14	605.14
275	505.94	531.51	531.51
280	432.22	454.14	454.14
285	356.98	375.20	375.20
290	282.90	297.51	297.51
295	213.60	224.91	224.91
300	154.82	163.42	163.42
305	116.61	123.58	123.58
310	110.16	116.87	116.87
315	129.22	136.71	136.71
320	156.13	164.79	164.79
325	180.69	190.46	190.46
330	199.14	209.77	209.77
335	210.61	221.77	221.77
340	215.49	226.88	226.88
345	214.91	226.28	226.28
350	210.35	221.50	221.50
355	203.41	214.24	214.24

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission