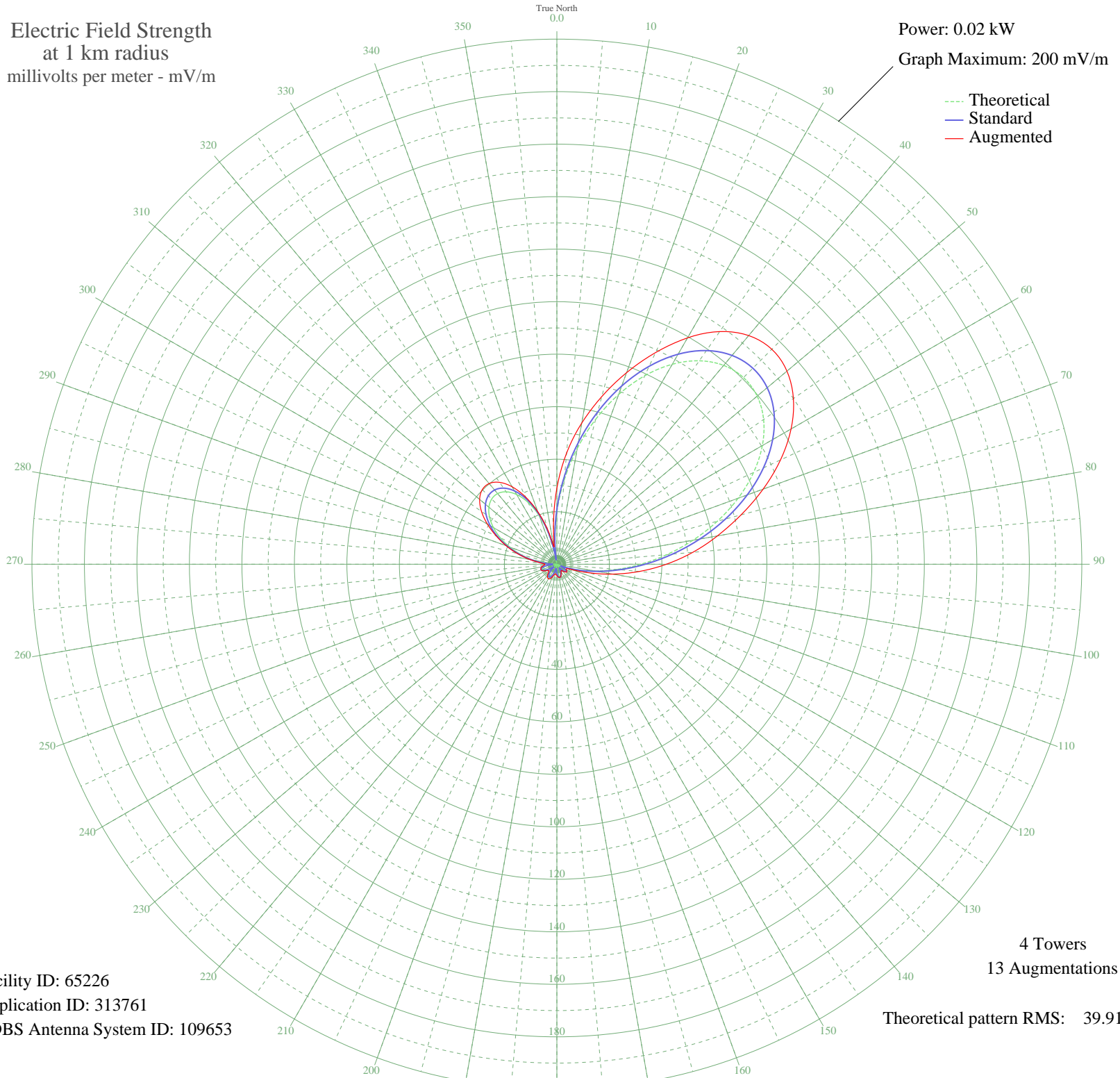


KJAY SACRAMENTO, CA BL-14034 1430 kHz

Nighttime

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

Power: 0.02 kW
Graph Maximum: 200 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 65226
Application ID: 313761
CDBS Antenna System ID: 109653

4 Towers
13 Augmentations

Theoretical pattern RMS: 39.91

Azimuth	E _{theo}	E _{std}	E _{aug}
0	19.88	20.93	28.97
5	32.22	33.87	42.50
10	44.81	47.07	54.60
15	57.16	60.04	66.11
20	68.80	72.25	77.65
25	79.21	83.19	88.94
30	87.95	92.36	99.56
35	94.60	99.34	108.18
40	98.86	103.82	113.69
45	100.55	105.59	115.80
50	99.62	104.61	114.43
55	96.16	100.98	110.01
60	90.40	94.93	103.03
65	82.69	86.84	94.01
70	73.49	77.18	83.62
75	63.30	66.48	72.66
80	52.65	55.31	62.10
85	42.07	44.19	51.97
90	32.00	33.63	41.72
95	22.83	24.02	31.56
100	14.86	15.67	21.66
105	8.27	8.81	12.55
110	3.14	3.61	5.64
115	0.53	1.59	4.02
120	2.83	3.33	4.08
125	3.91	4.36	4.74
130	3.96	4.41	4.65
135	3.20	3.68	4.05
140	1.90	2.48	3.35
145	0.29	1.52	2.91
150	1.37	2.07	3.15
155	2.86	3.35	3.88
160	3.99	4.45	4.62
165	4.61	5.07	5.08
170	4.64	5.10	5.12
175	4.07	4.52	4.83

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2.94	3.43	4.33
185	1.40	2.09	3.85
190	0.38	1.54	3.72
195	2.16	2.71	4.27
200	3.70	4.16	5.21
205	4.78	5.24	6.03
210	5.24	5.70	6.40
215	4.98	5.43	6.21
220	4.00	4.46	5.52
225	2.42	2.95	4.57
230	0.44	1.56	3.92
235	1.68	2.31	4.15
240	3.64	4.10	4.98
245	5.14	5.59	5.88
250	5.90	6.37	6.39
255	5.74	6.21	6.35
260	4.55	5.01	5.94
265	2.33	2.86	5.08
270	0.84	1.73	4.50
275	4.81	5.26	6.34
280	9.35	9.93	10.44
285	14.20	14.98	15.47
290	19.09	20.09	20.54
295	23.74	24.97	25.50
300	27.90	29.33	30.56
305	31.33	32.93	35.06
310	33.80	35.52	38.41
315	35.12	36.91	40.19
320	35.13	36.91	40.13
325	33.67	35.39	38.07
330	30.66	32.23	34.04
335	26.01	27.35	28.29
340	19.72	20.76	21.30
345	11.83	12.51	13.73
350	2.46	2.98	6.80
355	8.21	8.74	14.85

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