

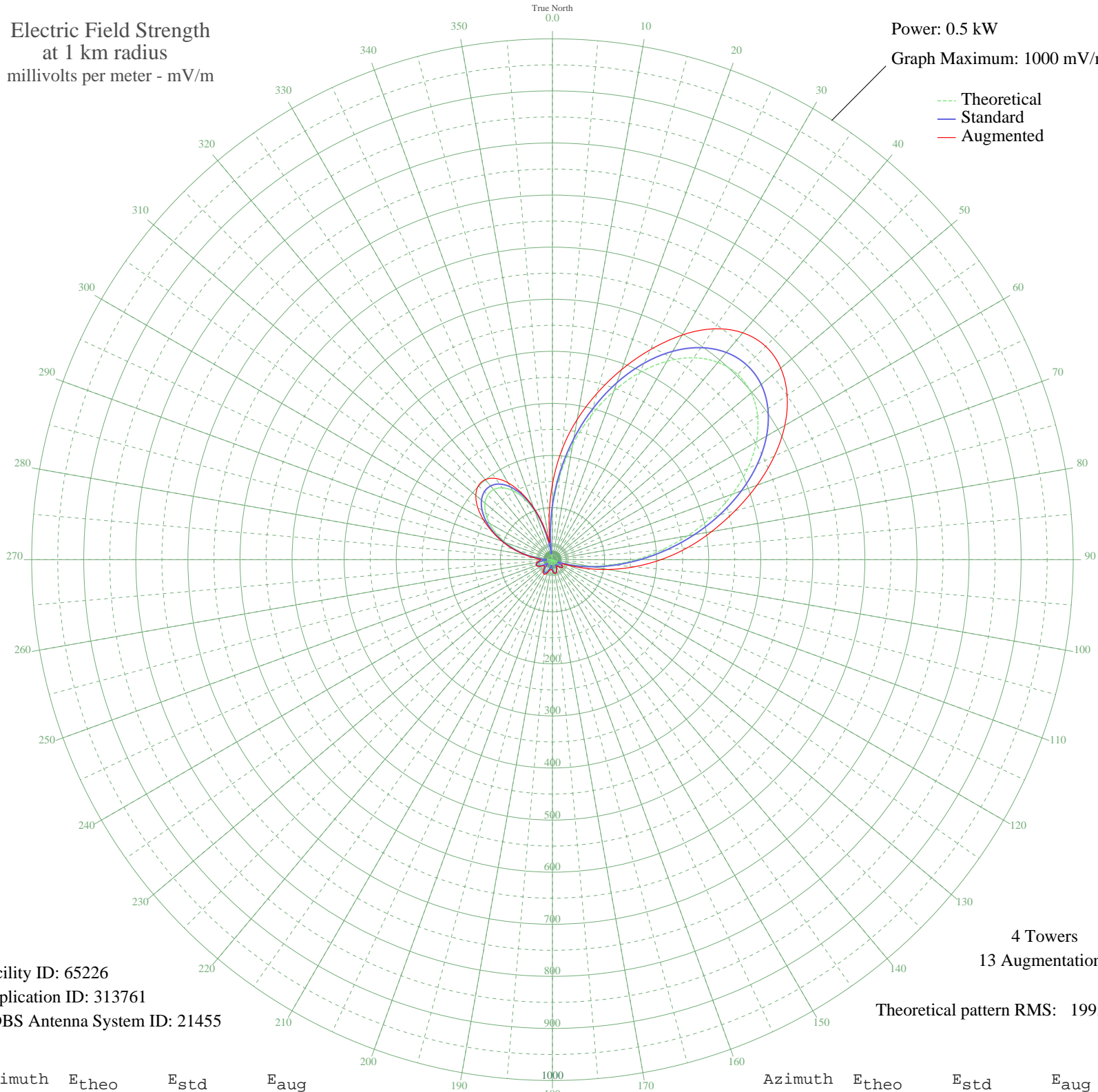
# KJAY SACRAMENTO, CA BL-14034 1430 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 65226  
Application ID: 313761  
CDBS Antenna System ID: 21455

4 Towers  
13 Augmentations

Theoretical pattern RMS: 199.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	99.45	104.95	144.90
5	161.17	169.55	212.54
10	224.10	235.54	273.09
15	285.91	300.39	330.65
20	344.10	361.46	388.36
25	396.19	416.13	444.87
30	439.87	461.98	497.92
35	473.14	496.90	541.04
40	494.46	519.29	568.60
45	502.92	528.17	579.14
50	498.26	523.27	572.29
55	480.94	505.09	550.18
60	452.12	474.85	515.27
65	413.58	434.39	470.10
70	367.56	386.08	418.05
75	316.59	332.59	363.18
80	263.35	276.72	310.33
85	210.39	221.16	259.63
90	160.04	168.37	208.40
95	114.20	120.37	157.65
100	74.33	78.75	108.30
105	41.35	44.67	62.86
110	15.69	19.54	28.32
115	2.67	10.87	20.23
120	14.17	18.21	20.46
125	19.55	23.06	23.80
130	19.78	23.28	23.85
135	16.02	19.83	20.95
140	9.49	14.47	17.03
145	1.45	10.61	14.54
150	6.86	12.73	15.90
155	14.31	18.33	19.92
160	19.96	23.44	23.97
165	23.07	26.40	26.45
170	23.23	26.55	26.65
175	20.35	23.81	25.00

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	14.72	18.69	22.17
185	7.00	12.81	19.41
190	1.89	10.69	18.62
195	10.79	15.45	21.43
200	18.50	22.08	26.19
205	23.92	27.23	30.31
210	26.21	29.45	32.19
215	24.90	28.17	31.22
220	20.03	23.50	27.65
225	12.13	16.51	22.75
230	2.20	10.75	19.43
235	8.42	13.73	20.69
240	18.22	21.82	25.23
245	25.69	28.94	30.05
250	29.51	32.71	32.80
255	28.71	31.92	32.51
260	22.78	26.12	30.02
265	11.66	16.13	25.30
270	4.22	11.40	22.45
275	24.06	27.35	32.02
280	46.75	50.19	52.58
285	71.00	75.29	77.58
290	95.45	100.78	102.85
295	118.74	125.12	127.63
300	139.55	146.91	152.91
305	156.68	164.85	175.34
310	169.04	177.81	192.04
315	175.66	184.74	200.93
320	175.68	184.76	200.63
325	168.42	177.15	190.39
330	153.34	161.34	170.30
335	130.10	137.01	141.59
340	98.64	104.10	106.62
345	59.17	63.01	68.62
350	12.29	16.63	33.80
355	41.04	44.36	74.18