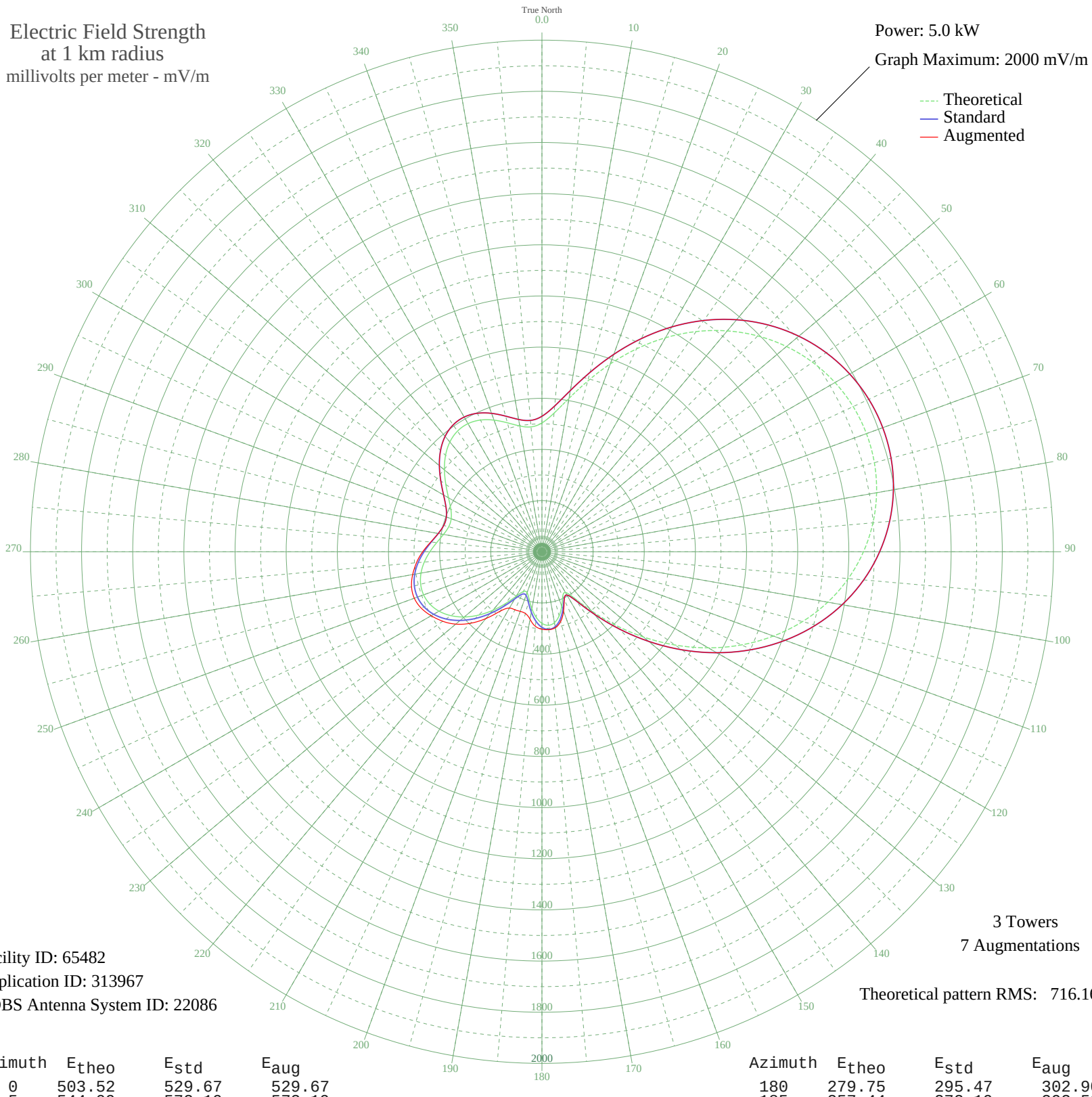
KIID SACRAMENTO, CA BL-- 1470 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
7 Augmentations

Facility ID: 65482
Application ID: 313967
CDBS Antenna System ID: 22086

Theoretical pattern RMS: 716.16

Azimuth	E_{theo}	E_{std}	E_{aug}
0	503.52	529.67	529.67
5	544.09	572.19	572.19
10	608.84	640.09	640.09
15	690.62	725.85	725.85
20	781.56	821.26	821.26
25	875.03	919.34	919.34
30	966.00	1014.81	1014.81
35	1050.86	1103.87	1103.87
40	1127.16	1183.94	1183.94
45	1193.29	1253.36	1253.36
50	1248.31	1311.11	1311.11
55	1291.70	1356.66	1356.66
60	1323.23	1389.76	1389.76
65	1342.78	1410.28	1410.28
70	1350.28	1418.15	1418.15
75	1345.64	1413.29	1413.29
80	1328.72	1395.52	1395.52
85	1299.31	1364.65	1364.65
90	1257.22	1320.47	1320.47
95	1202.35	1262.87	1262.87
100	1134.74	1191.91	1191.91
105	1054.76	1107.96	1107.96
110	963.18	1011.84	1011.84
115	861.33	904.96	904.96
120	751.20	789.41	789.41
125	635.59	668.13	668.13
130	518.25	545.10	545.10
135	404.32	425.74	425.74
140	301.30	317.98	317.98
145	221.55	234.81	234.81
150	183.35	195.16	195.16
155	192.62	204.77	206.62
160	225.95	239.40	247.18
165	259.38	274.22	282.55
170	281.57	297.38	301.30
175	288.48	304.59	305.78

Azimuth	E_{theo}	E_{std}	E_{aug}
180	279.75	295.47	302.90
185	257.44	272.19	292.59
190	225.92	239.36	267.67
195	192.72	204.87	249.84
200	169.93	181.27	247.87
205	171.38	182.77	250.22
210	200.21	212.64	254.02
215	246.31	260.59	282.71
220	298.66	315.21	340.74
225	350.14	369.04	395.40
230	396.52	417.57	440.03
235	435.17	458.05	473.57
240	464.50	488.78	500.16
245	483.66	508.85	521.00
250	492.36	517.97	531.09
255	490.90	516.43	527.87
260	480.15	505.17	513.31
265	461.71	485.85	492.46
270	438.07	461.08	466.31
275	412.83	434.65	436.50
280	390.78	411.56	411.56
285	377.44	397.60	397.60
290	377.59	397.75	397.75
295	393.10	413.99	413.99
300	421.85	444.10	444.10
305	458.75	482.75	482.75
310	497.70	523.57	523.57
315	533.03	560.59	560.59
320	560.13	589.00	589.00
325	575.78	605.41	605.41
330	578.36	608.12	608.12
335	568.13	597.39	597.39
340	547.58	575.85	575.85
345	521.92	548.95	548.95
350	499.29	525.23	525.23
355	489.99	515.48	515.48

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 2009

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Federal Communications Commission