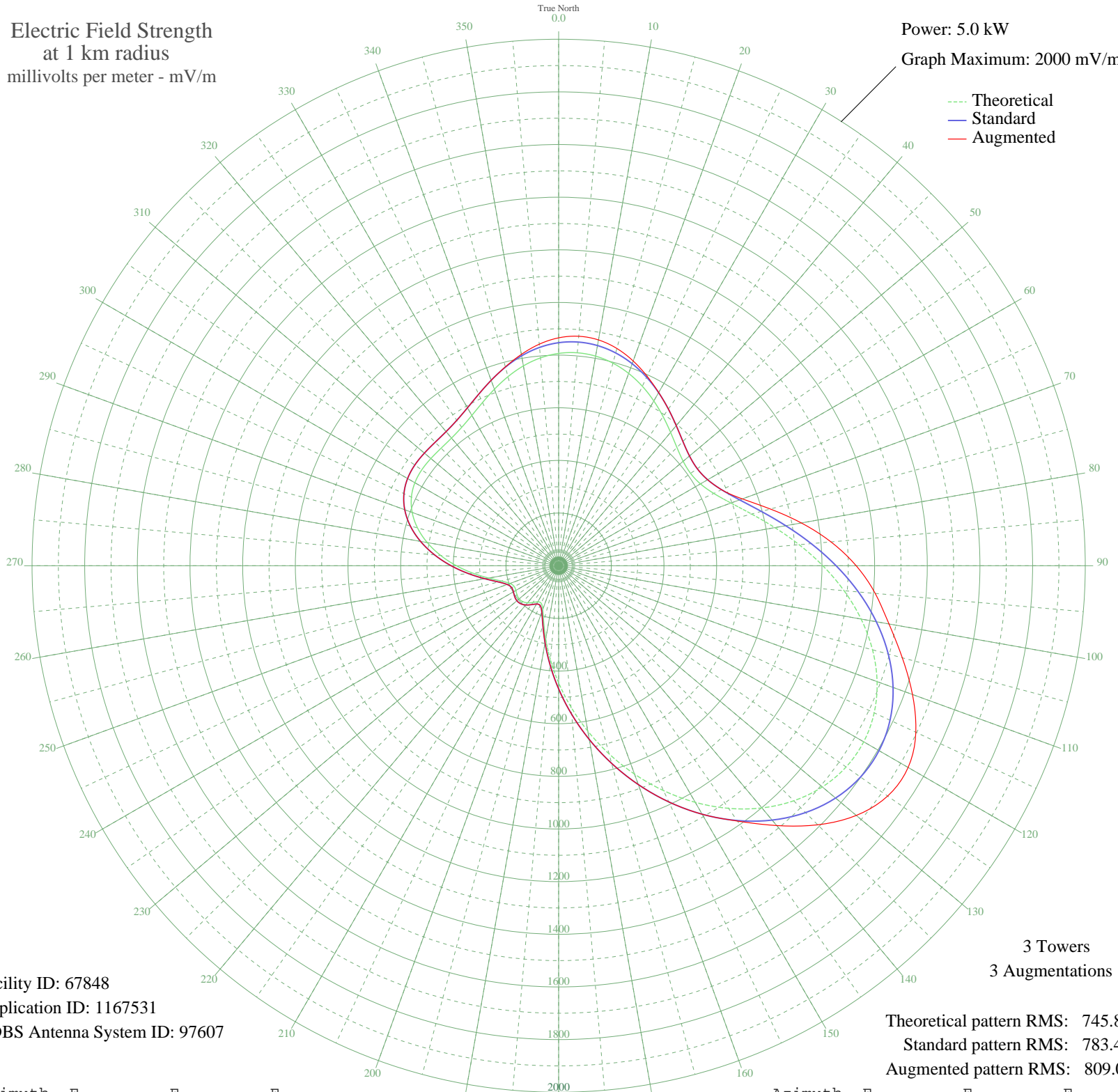


KCTC WEST SACRAMENTO, CA BP-20070119ACI 1320 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 67848
Application ID: 1167531
CDBS Antenna System ID: 97607

3 Towers
3 Augmentations

Theoretical pattern RMS: 745.80
Standard pattern RMS: 783.40
Augmented pattern RMS: 809.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	806.57	847.23	865.76
5	811.98	852.90	874.99
10	808.53	849.28	871.03
15	796.68	836.85	854.45
20	777.42	816.63	827.68
25	752.19	790.14	794.58
30	722.82	759.33	759.73
35	691.61	726.57	726.57
40	661.31	694.77	694.77
45	635.26	667.44	667.44
50	617.36	648.65	648.65
55	611.68	642.69	642.69
60	621.85	653.36	653.36
65	650.04	682.95	682.95
70	696.35	731.54	742.34
75	758.77	797.05	832.37
80	833.76	875.76	935.93
85	916.88	963.01	1038.28
90	1003.30	1053.73	1130.00
95	1088.11	1142.76	1206.88
100	1166.52	1225.07	1274.05
105	1234.11	1296.03	1351.17
110	1287.04	1351.59	1430.10
115	1322.29	1388.60	1496.71
120	1337.84	1404.93	1532.60
125	1332.79	1399.63	1525.32
130	1307.34	1372.91	1475.63
135	1262.74	1326.08	1391.77
140	1201.07	1261.35	1288.44
145	1125.08	1181.57	1184.10
150	1037.83	1089.97	1089.97
155	942.51	989.91	989.91
160	842.22	884.64	884.64
165	739.84	777.18	777.18
170	637.96	670.27	670.27
175	538.94	566.38	566.38

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	445.01	467.85	467.85
185	358.49	377.15	377.15
190	282.17	297.21	297.21
195	219.87	232.05	232.05
200	176.77	187.08	187.08
205	157.14	166.66	166.66
210	158.35	167.92	167.92
215	170.45	180.51	180.51
220	183.85	194.46	194.46
225	193.01	204.02	204.02
230	195.85	206.98	206.98
235	192.96	203.96	203.96
240	187.64	198.41	198.41
245	186.25	196.96	196.96
250	196.92	208.09	208.09
255	225.10	237.52	237.52
260	270.01	284.48	284.48
265	326.47	343.60	343.60
270	388.34	408.43	408.43
275	450.00	473.09	473.09
280	506.75	532.61	532.61
285	554.90	583.12	583.12
290	592.00	622.04	622.04
295	617.01	648.28	648.28
300	630.52	662.47	662.47
305	634.79	666.94	666.94
310	633.52	665.61	665.61
315	631.38	663.36	663.36
320	633.01	665.07	665.07
325	641.89	674.39	674.39
330	659.31	692.67	692.67
335	684.14	718.74	718.74
340	713.47	749.51	749.51
345	743.57	781.10	781.97
350	770.88	809.76	815.30
355	792.53	832.49	844.77