

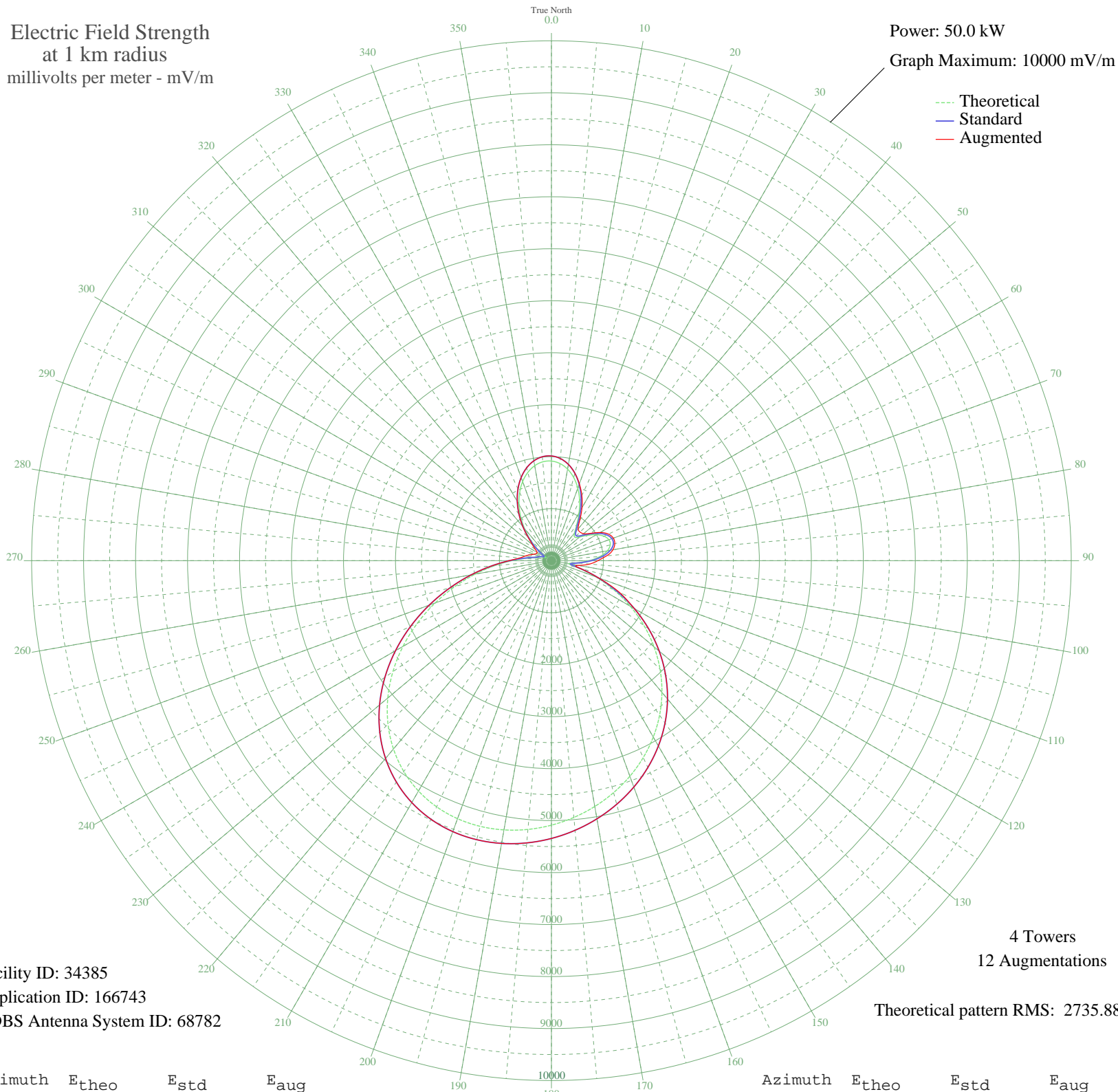
KBLA SANTA MONICA, CA BL-1991119AB 1580 kHz

Daytime

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

Power: 50.0 kW

Graph Maximum: 10000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 34385  
Application ID: 166743  
CDBS Antenna System ID: 68782

4 Towers  
12 Augmentations

Theoretical pattern RMS: 2735.88

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1916.04	2014.18	2014.18
5	1875.63	1971.79	1971.79
10	1787.97	1879.87	1879.87
15	1655.62	1741.10	1741.10
20	1483.70	1560.90	1571.29
25	1280.93	1348.46	1384.18
30	1061.64	1118.93	1175.64
35	850.26	898.01	950.80
40	689.30	730.22	800.39
45	636.26	675.07	778.12
50	708.02	749.71	806.85
55	849.23	896.94	915.72
60	997.59	1051.94	1082.67
65	1114.19	1173.90	1210.46
70	1176.33	1238.94	1267.87
75	1170.93	1233.29	1262.09
80	1092.02	1150.70	1200.77
85	940.39	992.15	1066.03
90	725.69	768.11	894.09
95	479.03	512.23	740.30
100	335.33	365.18	525.54
105	531.52	566.44	566.44
110	903.01	953.10	953.10
115	1320.90	1390.33	1443.34
120	1749.38	1839.40	1839.40
125	2171.30	2281.92	2281.92
130	2575.76	2706.28	2706.28
135	2955.68	3104.98	3104.98
140	3306.94	3473.64	3473.64
145	3627.77	3810.39	3810.39
150	3918.17	4115.22	4115.22
155	4179.23	4389.26	4389.26
160	4412.53	4634.17	4634.17
165	4619.59	4851.54	4851.54
170	4801.35	5042.35	5042.35
175	4957.84	5206.64	5206.64

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 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	5087.96	5343.24	5343.24
185	5189.36	5449.69	5449.69
190	5258.52	5522.30	5522.30
195	5290.96	5556.35	5556.35
200	5281.51	5546.43	5546.43
205	5224.85	5486.95	5486.95
210	5116.02	5372.70	5372.70
215	4951.09	5199.55	5199.55
220	4727.82	4965.15	4965.15
225	4446.29	4669.61	4669.61
230	4109.46	4316.02	4316.02
235	3723.52	3910.89	3910.89
240	3297.99	3464.25	3464.25
245	2845.56	2989.41	2989.41
250	2381.53	2502.49	2502.49
255	1923.11	2021.59	2021.59
260	1488.39	1565.81	1565.81
265	1095.42	1154.27	1154.27
270	761.48	805.41	814.48
275	502.68	536.63	608.54
280	331.75	361.56	513.57
285	243.58	273.50	430.81
290	196.11	227.57	361.04
295	145.81	181.18	321.87
300	115.68	155.37	318.50
305	203.77	234.88	375.31
310	373.79	404.26	477.42
315	580.05	616.71	631.37
320	803.32	849.04	855.09
325	1029.82	1085.64	1086.63
330	1247.78	1313.75	1313.75
335	1447.06	1522.50	1522.50
340	1619.09	1702.80	1702.80
345	1756.83	1847.21	1847.21
350	1854.73	1949.87	1949.87
355	1908.69	2006.47	2006.47