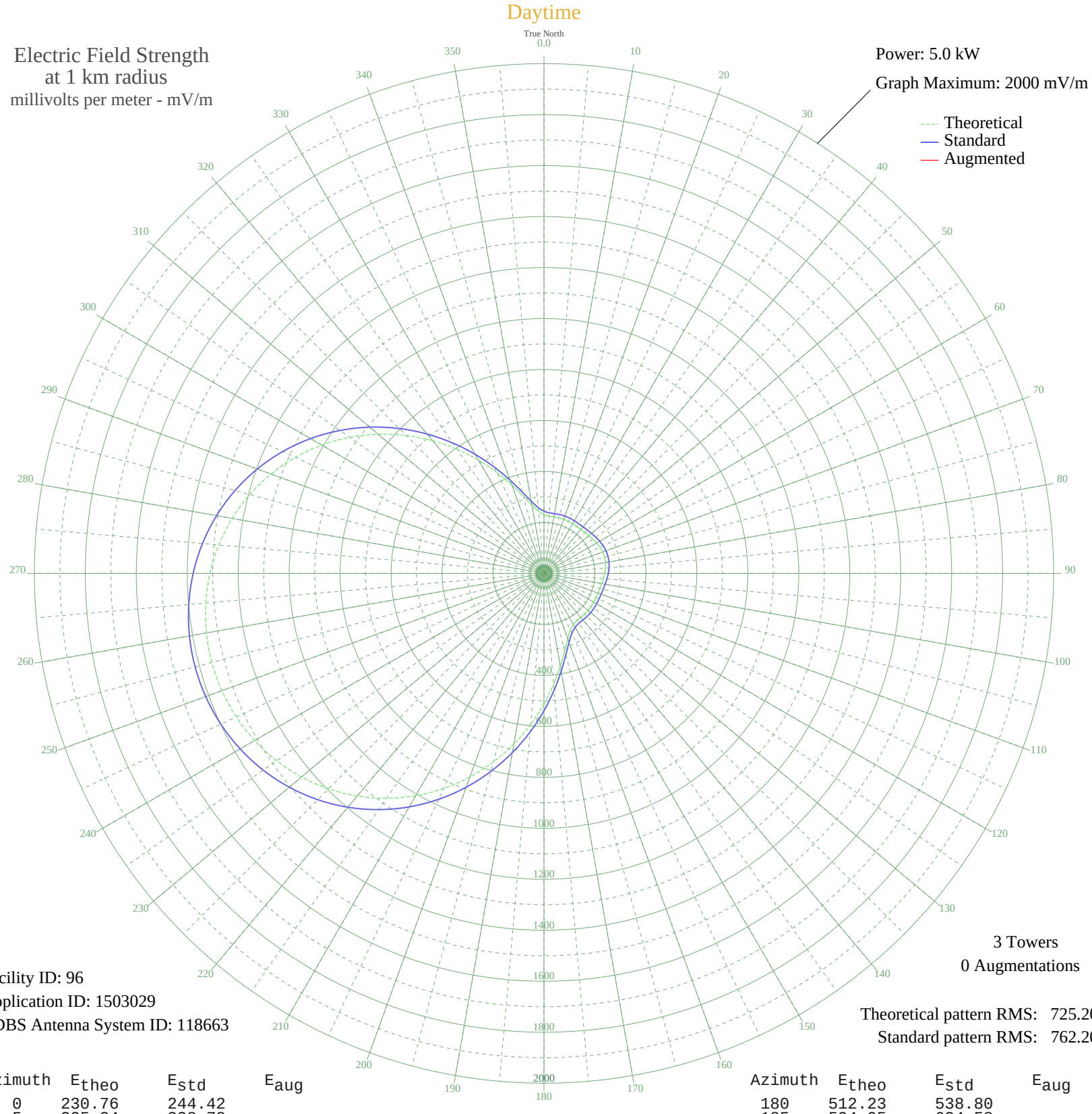
KMKY OAKLAND, CA BMML-20120525AGC 1310 kHz

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
0 Augmentations

Facility ID: 96
Application ID: 1503029
CDBS Antenna System ID: 118663

Theoretical pattern RMS: 725.20
Standard pattern RMS: 762.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	230.76	244.42	
5	225.34	238.78	
10	224.67	238.08	
15	225.50	238.94	
20	226.04	239.50	
25	225.79	239.24	
30	225.07	238.50	
35	224.60	238.01	
40	225.08	238.50	
45	226.92	240.42	
50	230.10	243.73	
55	234.19	247.98	
60	238.49	252.46	
65	242.24	256.37	
70	244.79	259.02	
75	245.69	259.96	
80	244.79	259.02	
85	242.24	256.37	
90	238.49	252.46	
95	234.19	247.98	
100	230.10	243.73	
105	226.92	240.42	
110	225.08	238.50	
115	224.60	238.01	
120	225.07	238.50	
125	225.79	239.24	
130	226.04	239.50	
135	225.50	238.94	
140	224.67	238.08	
145	225.34	238.78	
150	230.76	244.42	
155	245.16	259.41	
160	272.30	287.72	
165	313.92	331.17	
170	369.34	389.13	
175	436.37	459.31	

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.

29 Feb 2016

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	512.23	538.80	
185	594.05	624.58	
190	679.14	713.82	
195	765.01	803.90	
200	849.47	892.52	
205	930.62	977.67	
210	1006.88	1057.71	
215	1076.99	1131.30	
220	1140.01	1197.44	
225	1195.26	1255.44	
230	1242.31	1304.82	
235	1280.90	1345.33	
240	1310.93	1376.85	
245	1332.35	1399.34	
250	1345.19	1412.81	
255	1349.47	1417.30	
260	1345.19	1412.81	
265	1332.35	1399.34	
270	1310.92	1376.85	
275	1280.90	1345.33	
280	1242.31	1304.82	
285	1195.26	1255.44	
290	1140.01	1197.44	
295	1076.99	1131.30	
300	1006.88	1057.71	
305	930.62	977.67	
310	849.47	892.52	
315	765.01	803.90	
320	679.14	713.82	
325	594.05	624.58	
330	512.23	538.80	
335	436.37	459.31	
340	369.34	389.13	
345	313.92	331.17	
350	272.30	287.72	
355	245.16	259.41	