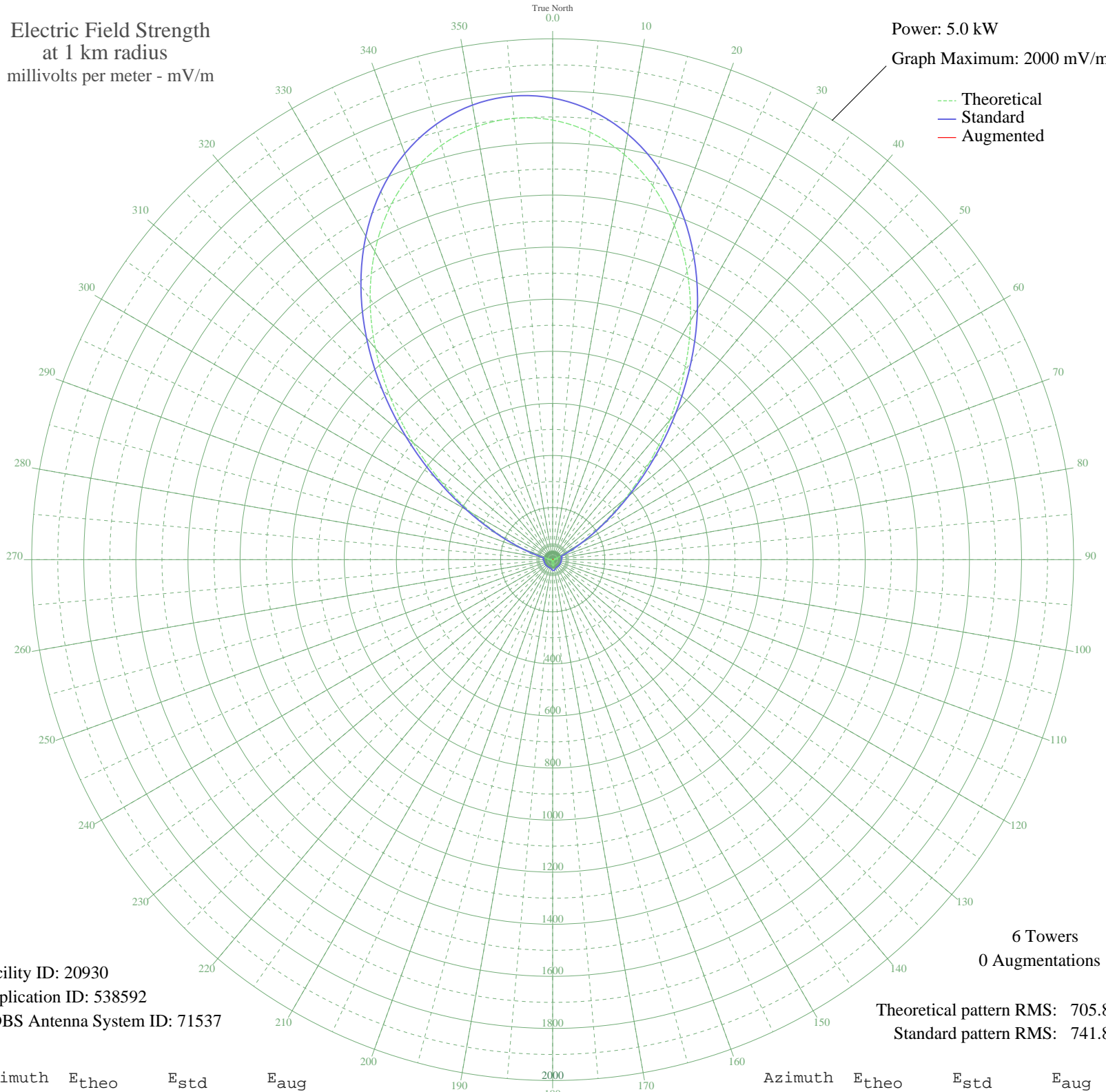


# KEBR ROCKLIN, CA BML-20000519AEE 1210 kHz

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

Facility ID: 20930  
Application ID: 538592  
CDBS Antenna System ID: 71537

6 Towers  
0 Augmentations

Theoretical pattern RMS: 705.81  
Standard pattern RMS: 741.82

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1687.88	1772.57	
5	1647.55	1730.23	
10	1580.19	1659.52	
15	1485.95	1560.59	
20	1365.77	1434.43	
25	1221.89	1283.40	
30	1058.44	1111.84	
35	881.68	926.34	
40	699.97	735.69	
45	523.16	550.28	
50	361.48	380.95	
55	224.02	237.48	
60	117.19	127.31	
65	43.45	56.11	
70	2.13	32.74	
75	16.67	37.05	
80	16.92	37.18	
85	8.95	33.99	
90	2.31	32.75	
95	6.71	33.41	
100	7.58	33.62	
105	4.88	33.06	
110	2.31	32.75	
115	4.30	32.97	
120	5.34	33.14	
125	4.17	32.95	
130	2.30	32.75	
135	3.10	32.82	
140	4.19	32.96	
145	3.31	32.85	
150	2.32	32.75	
155	7.00	33.48	
160	13.32	35.53	
165	19.23	38.40	
170	23.37	40.85	
175	24.85	41.81	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	23.37	40.85	
185	19.23	38.40	
190	13.32	35.53	
195	7.00	33.48	
200	2.32	32.75	
205	3.31	32.85	
210	4.19	32.96	
215	3.10	32.82	
220	2.30	32.75	
225	4.17	32.95	
230	5.34	33.14	
235	4.30	32.97	
240	2.31	32.75	
245	4.88	33.06	
250	7.58	33.62	
255	6.71	33.41	
260	2.31	32.75	
265	8.95	33.99	
270	16.92	37.18	
275	16.67	37.05	
280	2.13	32.74	
285	43.45	56.11	
290	117.19	127.31	
295	224.02	237.48	
300	361.47	380.95	
305	523.15	550.28	
310	699.96	735.69	
315	881.67	926.33	
320	1058.44	1111.84	
325	1221.89	1283.40	
330	1365.77	1434.43	
335	1485.95	1560.59	
340	1580.19	1659.52	
345	1647.55	1730.23	
350	1687.88	1772.57	
355	1701.29	1786.65	

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.

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10 Nov 2011

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission