

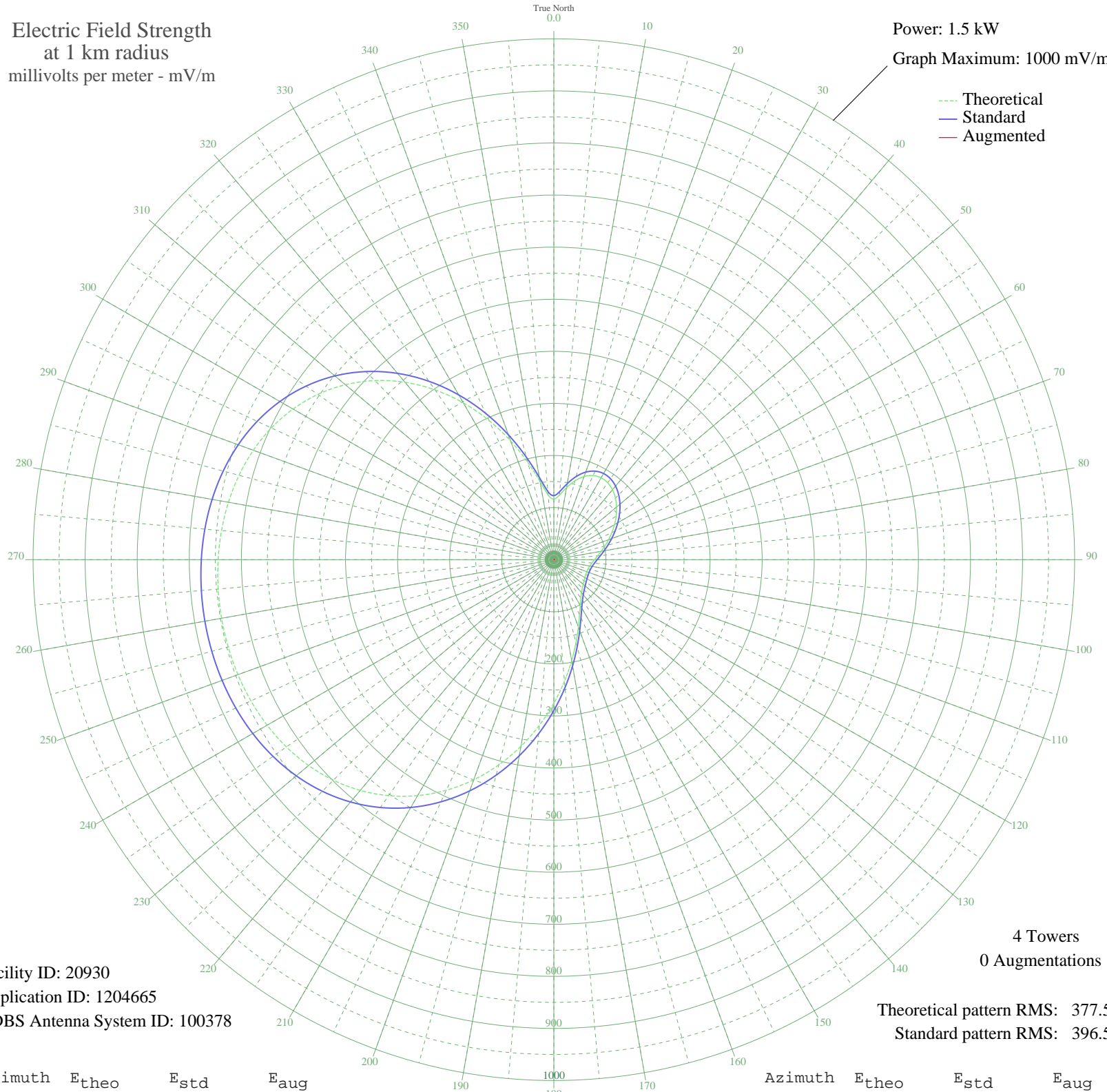
KEBR ARDEN-ARCADE, CA BMJP-20051031AEN 1210 kHz

Nighttime

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

Power: 1.5 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 20930  
Application ID: 1204665  
CDBS Antenna System ID: 100378

4 Towers  
0 Augmentations

Theoretical pattern RMS: 377.50  
Standard pattern RMS: 396.58

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	116.36	122.85	
5	124.58	131.44	
10	140.50	148.08	
15	156.84	165.18	
20	169.87	178.83	
25	178.15	187.49	
30	181.45	190.96	
35	180.21	189.66	
40	175.18	184.39	
45	167.25	176.08	
50	157.30	165.66	
55	146.14	153.99	
60	134.48	141.79	
65	122.88	129.66	
70	111.80	118.09	
75	101.58	107.43	
80	92.48	97.95	
85	84.69	89.85	
90	78.34	83.26	
95	73.48	78.22	
100	70.09	74.71	
105	68.09	72.64	
110	67.32	71.84	
115	67.62	72.15	
120	68.83	73.40	
125	70.85	75.50	
130	73.69	78.44	
135	77.53	82.42	
140	82.83	87.92	
145	90.39	95.77	
150	101.30	107.14	
155	116.75	123.26	
160	137.66	145.12	
165	164.45	173.15	
170	196.91	207.15	
175	234.32	246.38	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	275.57	289.63	
185	319.25	335.46	
190	363.84	382.25	
195	407.80	428.38	
200	449.72	472.38	
205	488.44	513.02	
210	523.07	549.38	
215	553.09	580.88	
220	578.27	607.32	
225	598.72	628.79	
230	614.76	645.63	
235	626.88	658.35	
240	635.66	667.57	
245	641.67	673.88	
250	645.45	677.85	
255	647.43	679.92	
260	647.89	680.41	
265	646.96	679.43	
270	644.58	676.93	
275	640.55	672.70	
280	634.48	666.33	
285	625.86	657.28	
290	614.07	644.90	
295	598.45	628.50	
300	578.34	607.39	
305	553.16	580.96	
310	522.52	548.79	
315	486.24	510.72	
320	444.52	466.93	
325	397.95	418.05	
330	347.59	365.20	
335	295.07	310.09	
340	242.64	255.10	
345	193.47	203.55	
350	152.09	160.21	
355	124.68	131.54	