

KECR EL CAJON, CA BL-20070430CGQ 910 kHz

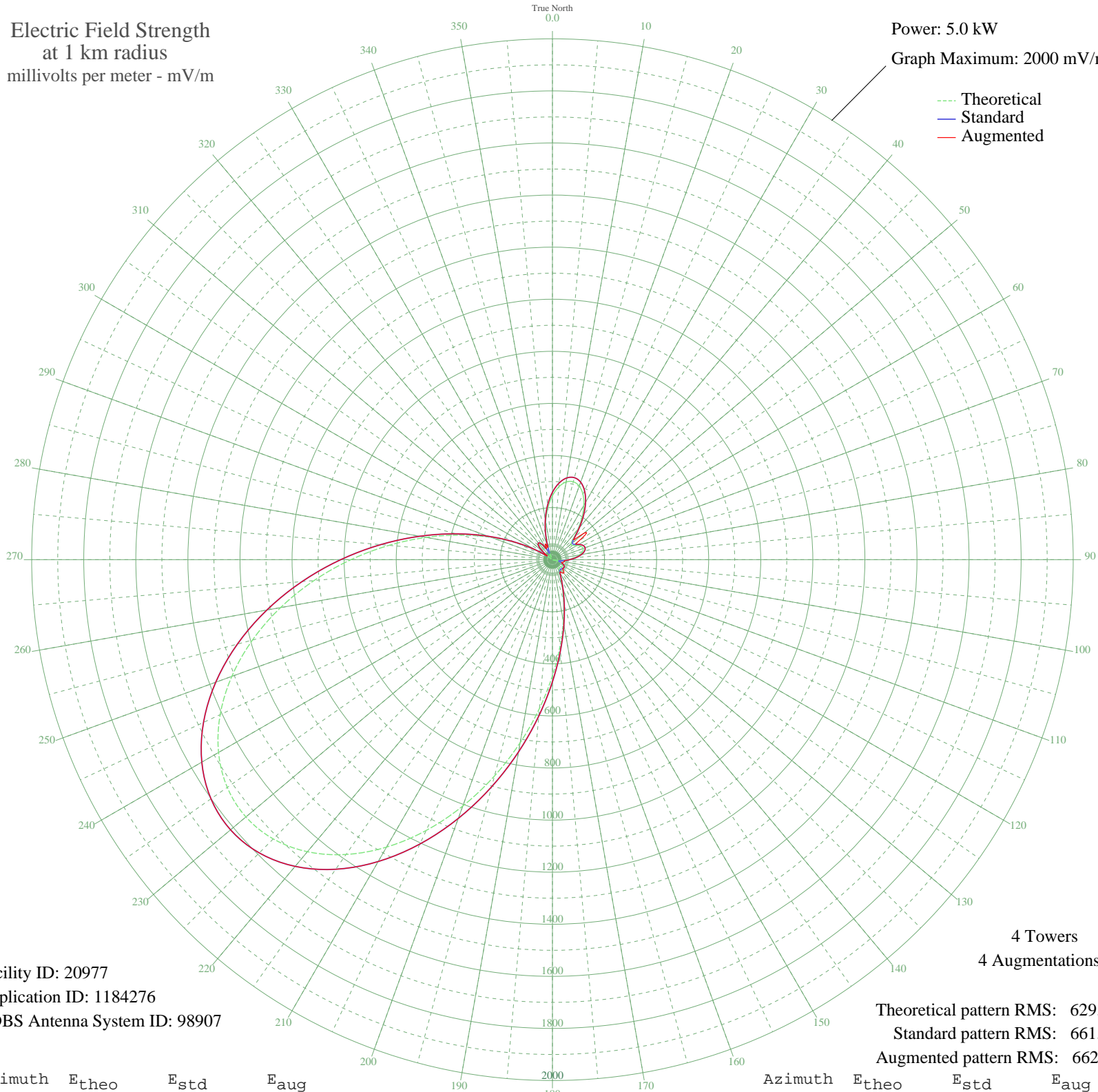
Daytime

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: 20977
Application ID: 1184276
CDBS Antenna System ID: 98907

4 Towers
4 Augmentations

Theoretical pattern RMS: 629.80
Standard pattern RMS: 661.70
Augmented pattern RMS: 662.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	245.30	258.63	258.63
5	280.62	295.59	295.59
10	302.71	318.71	318.71
15	309.61	325.94	325.94
20	300.75	316.66	316.66
25	277.10	291.90	291.90
30	241.22	254.37	254.37
35	197.33	208.52	208.52
40	151.50	160.80	160.80
45	112.53	120.46	120.46
50	92.17	99.58	157.09
55	95.22	102.70	119.92
60	109.37	117.22	117.22
65	121.33	129.55	129.55
70	125.15	133.49	133.49
75	119.39	127.54	127.54
80	104.94	112.66	112.66
85	83.89	91.16	91.16
90	58.93	66.19	66.19
95	32.90	41.77	46.13
100	8.45	25.10	46.01
105	12.81	27.06	40.40
110	28.86	38.33	38.33
115	39.45	47.61	47.61
120	44.78	52.55	52.55
125	45.80	53.51	53.51
130	44.04	51.86	51.86
135	41.35	49.36	59.83
140	39.62	47.77	67.59
145	41.25	49.26	59.75
150	50.33	57.83	57.83
155	71.96	79.12	79.12
160	109.64	117.50	117.50
165	165.30	175.15	175.15
170	239.99	253.08	253.08
175	333.87	351.35	351.35

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	445.91	468.79	468.79
185	573.69	602.84	602.84
190	713.37	749.41	749.41
195	859.78	903.07	903.07
200	1006.69	1057.29	1057.29
205	1147.27	1204.86	1204.86
210	1274.53	1338.46	1338.46
215	1381.96	1451.24	1451.24
220	1463.98	1537.36	1537.36
225	1516.44	1592.43	1592.43
230	1536.85	1613.87	1613.87
235	1524.58	1600.98	1600.98
240	1480.74	1554.96	1554.96
245	1408.03	1478.62	1478.62
250	1310.41	1376.13	1376.13
255	1192.75	1252.61	1252.61
260	1060.44	1113.71	1113.71
265	919.04	965.27	965.27
270	773.95	812.99	812.99
275	630.24	662.17	662.17
280	492.41	517.57	517.57
285	364.34	383.28	383.28
290	249.22	262.73	262.73
295	149.54	158.76	158.76
300	67.16	74.32	74.32
305	5.23	24.11	24.11
310	42.32	50.26	50.26
315	68.42	75.58	75.58
320	76.37	83.55	83.55
325	67.41	74.57	74.57
330	43.61	51.46	51.46
335	11.31	26.31	66.54
340	41.95	49.92	50.85
345	93.69	101.14	101.14
350	147.82	156.98	156.98
355	199.77	211.07	211.07