

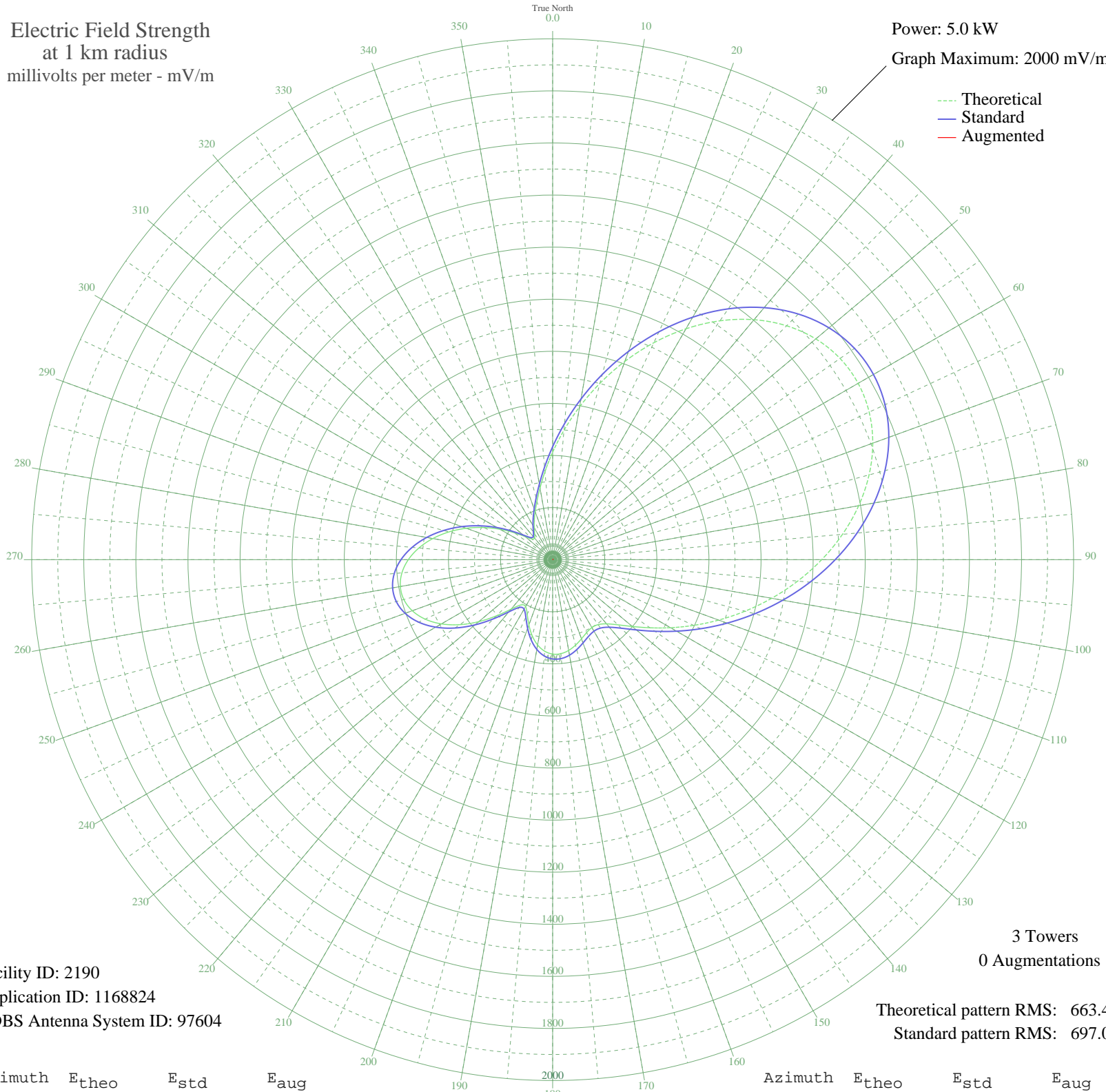
KJON CARROLLTON, TX BML-20061220ADX 850 kHz

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: 2190
Application ID: 1168824
CDBS Antenna System ID: 97604

3 Towers
0 Augmentations

Theoretical pattern RMS: 663.47
Standard pattern RMS: 697.04

Azimuth	E _{theo}	E _{std}	E _{aug}
0	412.48	433.74	
5	498.85	524.32	
10	596.05	626.29	
15	701.03	736.46	
20	810.08	850.91	
25	919.07	965.31	
30	1023.65	1075.09	
35	1119.57	1175.79	
40	1202.87	1263.23	
45	1270.15	1333.86	
50	1318.77	1384.90	
55	1347.02	1414.56	
60	1354.22	1422.12	
65	1340.71	1407.94	
70	1307.81	1373.40	
75	1257.64	1320.73	
80	1192.97	1252.84	
85	1116.98	1173.07	
90	1033.01	1084.91	
95	944.31	991.80	
100	853.93	896.94	
105	764.53	803.10	
110	678.32	712.63	
115	597.15	627.45	
120	522.56	549.19	
125	456.02	479.40	
130	399.14	419.75	
135	353.76	372.19	
140	321.81	338.72	
145	304.50	320.59	
150	301.19	317.12	
155	308.98	325.27	
160	323.42	340.40	
165	339.80	357.56	
170	353.91	372.35	
175	362.33	381.17	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	362.49	381.34	
185	352.75	371.13	
190	332.54	349.96	
195	302.78	318.79	
200	266.61	280.93	
205	230.85	243.53	
210	207.80	219.45	
215	212.18	224.02	
220	248.00	261.45	
225	304.94	321.05	
230	370.40	389.63	
235	435.21	457.57	
240	493.21	518.40	
245	540.21	567.70	
250	573.46	602.59	
255	591.45	621.47	
260	593.75	623.88	
265	580.87	610.36	
270	554.11	582.28	
275	515.39	541.67	
280	467.10	491.01	
285	411.88	433.11	
290	352.55	370.92	
295	292.06	307.56	
300	233.52	246.32	
305	180.55	191.03	
310	137.96	146.75	
315	112.23	120.16	
320	107.93	115.73	
325	120.66	128.85	
330	141.78	150.71	
335	166.89	176.80	
340	196.22	207.37	
345	232.59	245.34	
350	279.37	294.28	
355	339.06	356.78	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission