

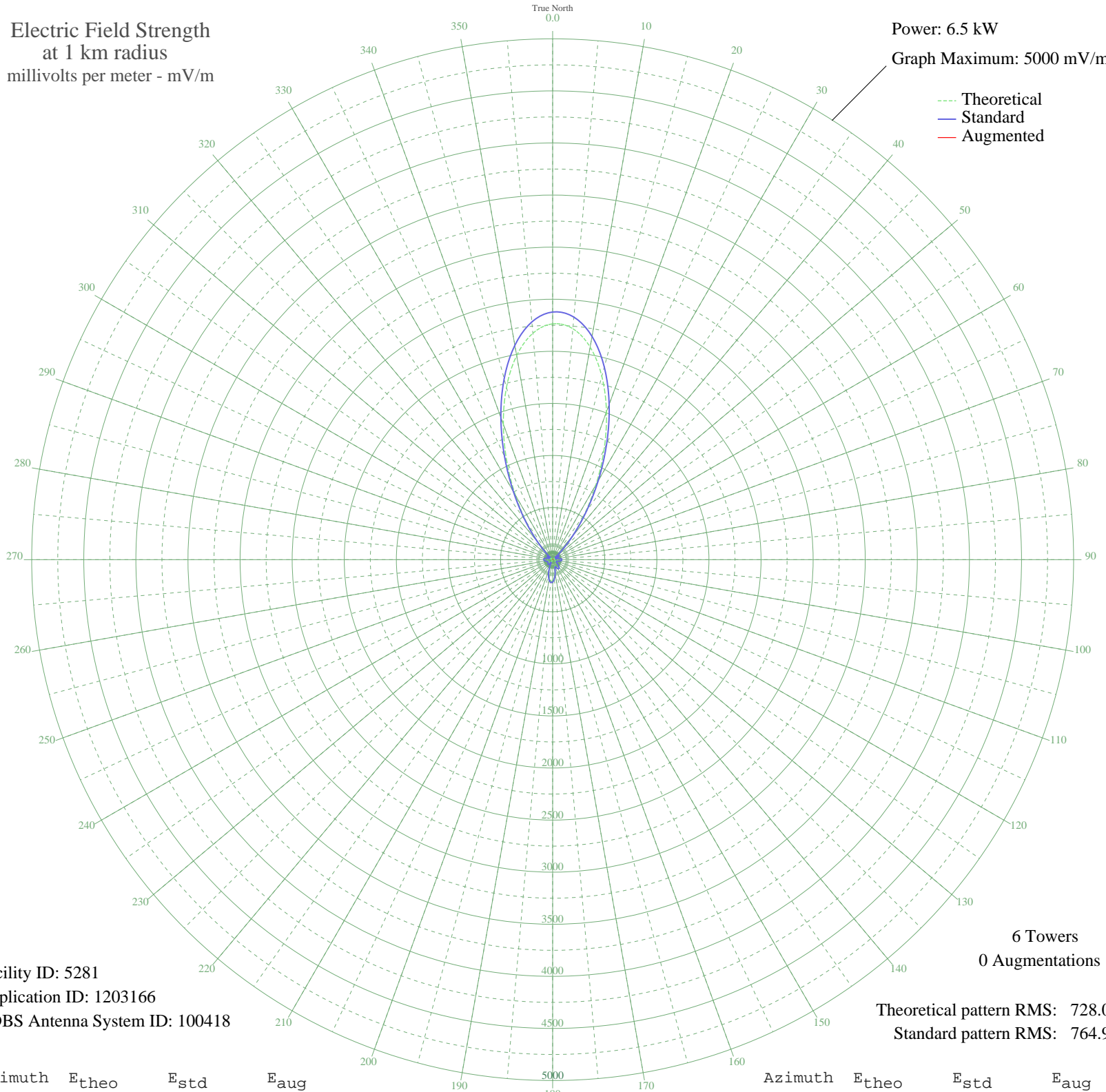
KRFT UNIVERSITY CITY, MO BMJP-20051031AEJ 1190 kHz

Nighttime

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

Power: 6.5 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 5281
Application ID: 1203166
CDBS Antenna System ID: 100418

6 Towers
0 Augmentations

Theoretical pattern RMS: 728.03
Standard pattern RMS: 764.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2263.93	2377.28	
5	2225.85	2337.30	
10	2072.42	2176.21	
15	1823.46	1914.82	
20	1509.75	1585.46	
25	1167.43	1226.09	
30	831.92	873.93	
35	532.69	559.97	
40	289.80	305.47	
45	112.66	121.28	
50	3.70	27.05	
55	54.43	63.11	
60	65.30	73.60	
65	46.94	56.09	
70	13.61	30.35	
75	23.09	36.12	
80	54.02	62.72	
85	74.17	82.35	
90	81.57	89.73	
95	77.11	85.27	
100	63.89	72.23	
105	46.60	55.77	
110	31.04	42.17	
115	23.43	36.36	
120	25.59	37.93	
125	34.50	45.04	
130	49.75	58.70	
135	69.30	77.53	
140	87.46	95.65	
145	97.25	105.56	
150	93.24	101.50	
155	75.49	83.66	
160	59.75	68.21	
165	80.96	89.12	
170	128.51	137.57	
175	174.27	184.94	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	203.09	214.92	
185	207.38	219.39	
190	186.16	197.29	
195	144.39	153.95	
200	91.22	99.45	
205	37.29	47.43	
210	8.16	28.11	
215	39.07	48.99	
220	54.10	62.79	
225	55.77	64.39	
230	49.51	58.48	
235	41.84	51.44	
240	37.79	47.87	
245	38.58	48.56	
250	43.28	52.74	
255	51.55	60.39	
260	62.36	70.73	
265	72.66	80.85	
270	78.40	86.57	
275	75.94	84.11	
280	63.16	71.52	
285	40.78	50.50	
290	17.87	32.69	
295	31.17	42.28	
300	51.89	60.71	
305	52.03	60.84	
310	15.55	31.36	
315	72.27	80.46	
320	222.20	234.84	
325	438.69	461.41	
330	716.77	753.08	
335	1040.55	1092.91	
340	1383.76	1453.20	
345	1712.40	1798.22	
350	1989.58	2089.23	
355	2181.60	2290.83	

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