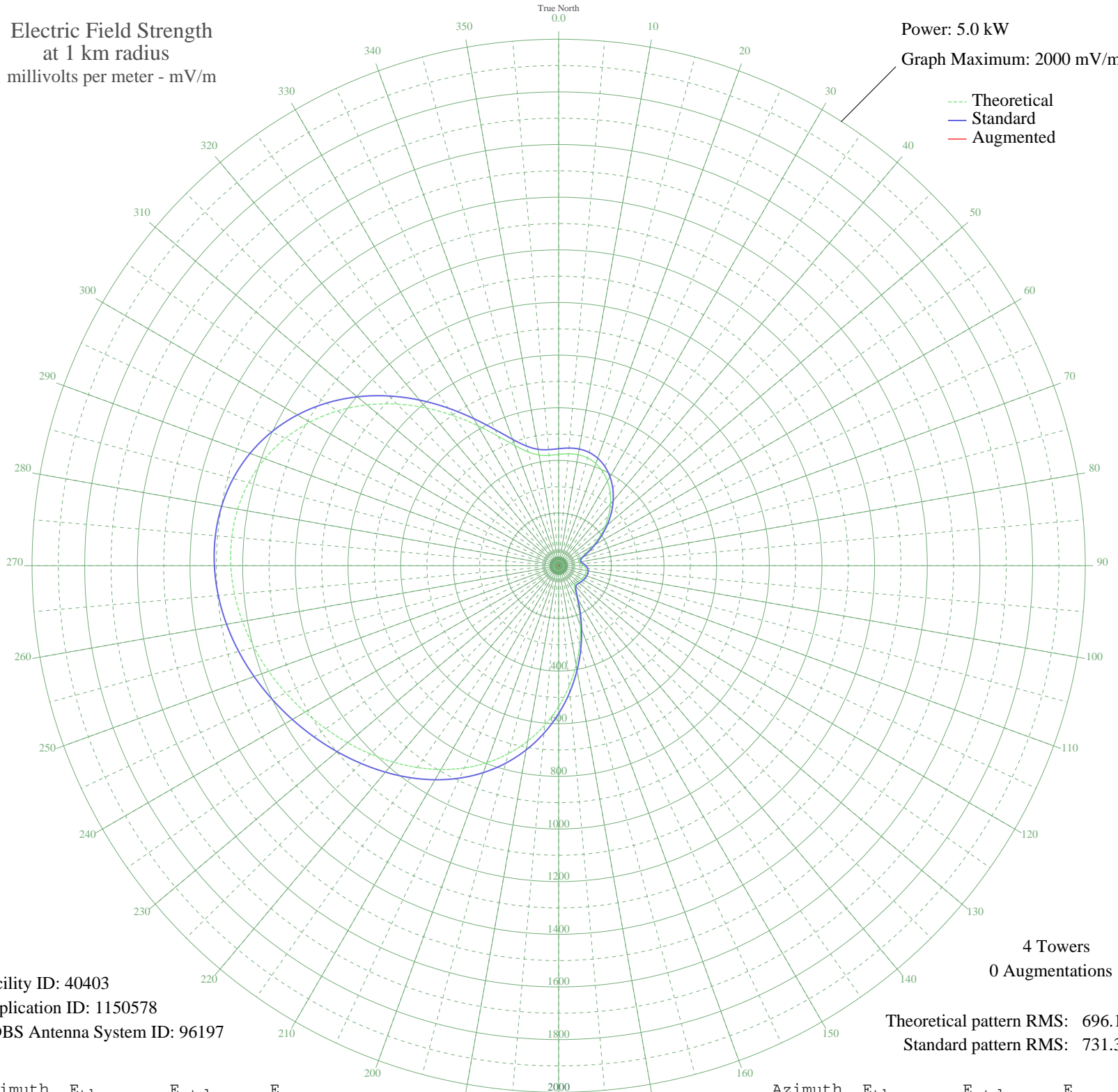


KWFA TYE, TX BMP-20060803AQI 1030 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 40403  
Application ID: 1150578  
CDBS Antenna System ID: 96197

4 Towers  
0 Augmentations

Theoretical pattern RMS: 696.17  
Standard pattern RMS: 731.36

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	422.83	444.59	
5	426.74	448.69	
10	428.05	450.06	
15	423.94	445.75	
20	413.06	434.35	
25	395.18	415.60	
30	370.72	389.97	
35	340.59	358.39	
40	305.90	322.05	
45	267.97	282.35	
50	228.24	240.80	
55	188.37	199.18	
60	150.36	159.62	
65	116.89	124.96	
70	91.70	99.10	
75	78.94	86.15	
80	79.15	86.36	
85	86.86	94.18	
90	95.85	103.34	
95	102.67	110.33	
100	106.23	113.99	
105	106.79	114.56	
110	105.35	113.08	
115	103.01	110.68	
120	100.45	108.06	
125	97.70	105.24	
130	94.58	102.05	
135	92.06	99.47	
140	94.02	101.47	
145	107.29	115.07	
150	136.95	145.70	
155	182.73	193.30	
160	241.39	254.54	
165	309.26	325.57	
170	382.86	402.69	
175	458.96	482.48	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	534.70	561.92	
185	607.70	638.52	
190	676.22	710.42	
195	739.19	776.51	
200	796.23	836.37	
205	847.52	890.21	
210	893.72	938.70	
215	935.74	982.81	
220	974.56	1023.56	
225	1011.10	1061.91	
230	1046.03	1098.58	
235	1079.73	1133.96	
240	1112.22	1168.07	
245	1143.21	1200.60	
250	1172.06	1230.89	
255	1197.87	1257.98	
260	1219.51	1280.70	
265	1235.69	1297.69	
270	1245.04	1307.50	
275	1246.15	1308.67	
280	1237.70	1299.80	
285	1218.55	1279.70	
290	1187.88	1247.49	
295	1145.25	1202.75	
300	1090.82	1145.60	
305	1025.35	1076.87	
310	950.36	998.16	
315	868.18	911.90	
320	781.97	821.41	
325	695.74	730.90	
330	614.23	645.37	
335	542.69	570.31	
340	486.05	510.89	
345	447.56	470.52	
350	427.15	449.12	
355	420.94	442.61	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission