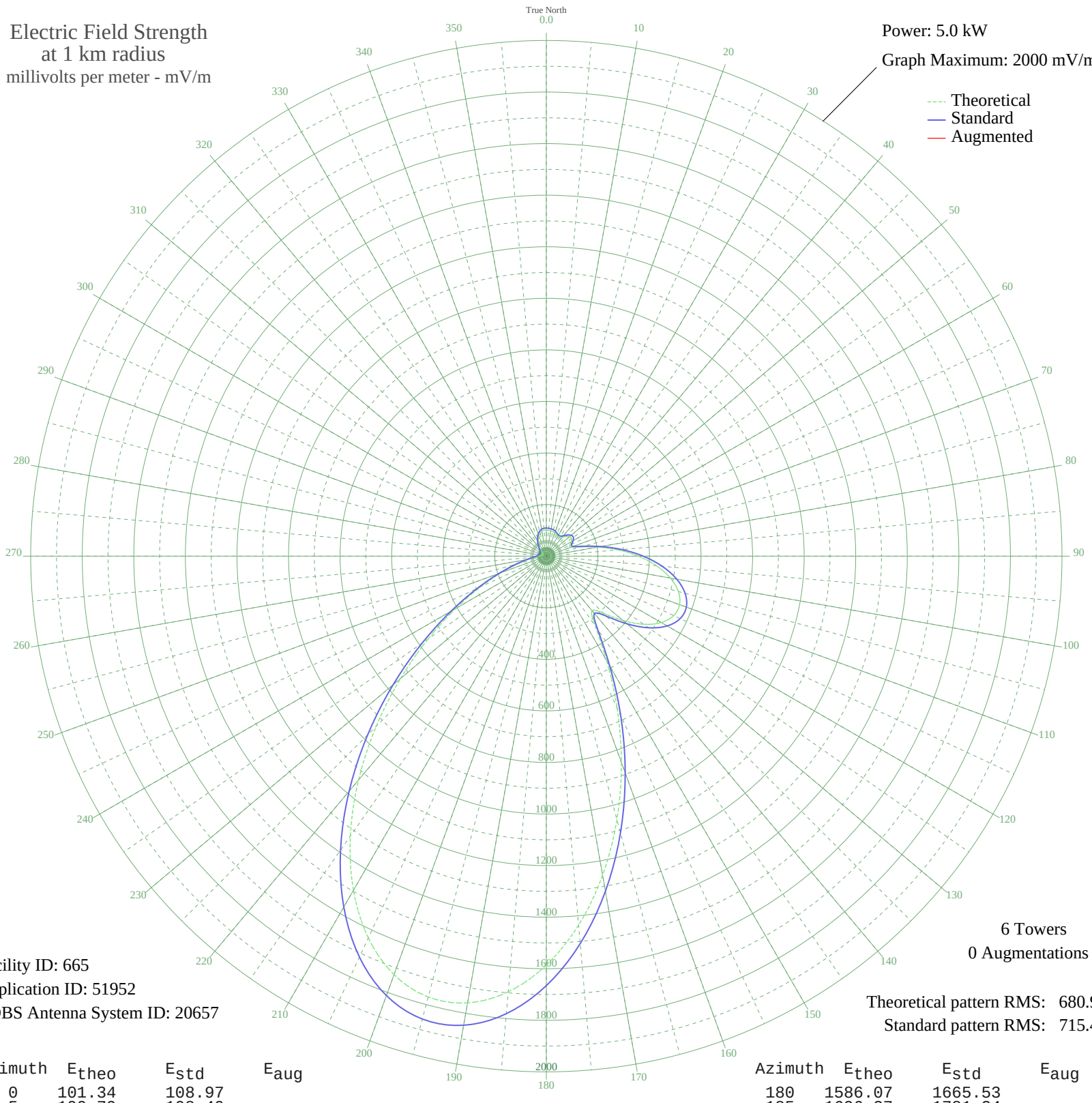
KDXE NORTH LITTLE ROCK, AR BL-19830131AE 1380 kHz

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

6 Towers
0 Augmentations

Facility ID: 665
Application ID: 51952
CDBS Antenna System ID: 20657

Theoretical pattern RMS: 680.99
Standard pattern RMS: 715.42

Azimuth	E_{theo}	E_{std}	E_{aug}
0	101.34	108.97	
5	100.79	108.40	
10	99.90	107.49	
15	98.33	105.89	
20	95.23	102.71	
25	90.60	97.98	
30	86.72	94.03	
35	87.75	95.08	
40	95.94	103.43	
45	108.12	115.93	
50	117.96	126.06	
55	119.94	128.11	
60	112.16	120.09	
65	100.15	107.75	
70	102.85	110.52	
75	139.29	148.13	
80	202.81	214.24	
85	278.93	293.82	
90	357.07	375.66	
95	429.15	451.22	
100	488.62	513.58	
105	530.18	557.18	
110	549.86	577.83	
115	545.08	572.82	
120	514.89	541.14	
125	460.62	484.22	
130	387.85	407.92	
135	312.56	329.03	
140	275.61	290.34	
145	330.11	347.41	
150	467.86	491.81	
155	649.72	682.61	
160	851.40	894.28	
165	1057.78	1110.91	
170	1256.56	1319.59	
175	1436.26	1508.26	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1586.07	1665.53	
185	1696.27	1781.24	
190	1759.15	1847.25	
195	1769.82	1858.46	
200	1727.04	1813.54	
205	1633.58	1715.42	
210	1496.22	1571.20	
215	1325.17	1391.62	
220	1132.98	1189.86	
225	933.14	980.08	
230	738.55	775.83	
235	560.13	588.61	
240	405.83	426.77	
245	280.12	295.06	
250	184.07	194.69	
255	115.78	123.82	
260	71.16	78.32	
265	44.60	52.38	
270	29.84	39.16	
275	21.58	32.63	
280	16.78	29.36	
285	14.08	27.75	
290	12.60	26.95	
295	11.94	26.62	
300	12.59	26.94	
305	15.26	28.43	
310	20.21	31.65	
315	27.36	37.10	
320	36.66	45.09	
325	47.87	55.48	
330	60.28	67.51	
335	72.76	79.93	
340	83.98	91.25	
345	92.73	100.16	
350	98.33	105.89	
355	100.91	108.53	

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