

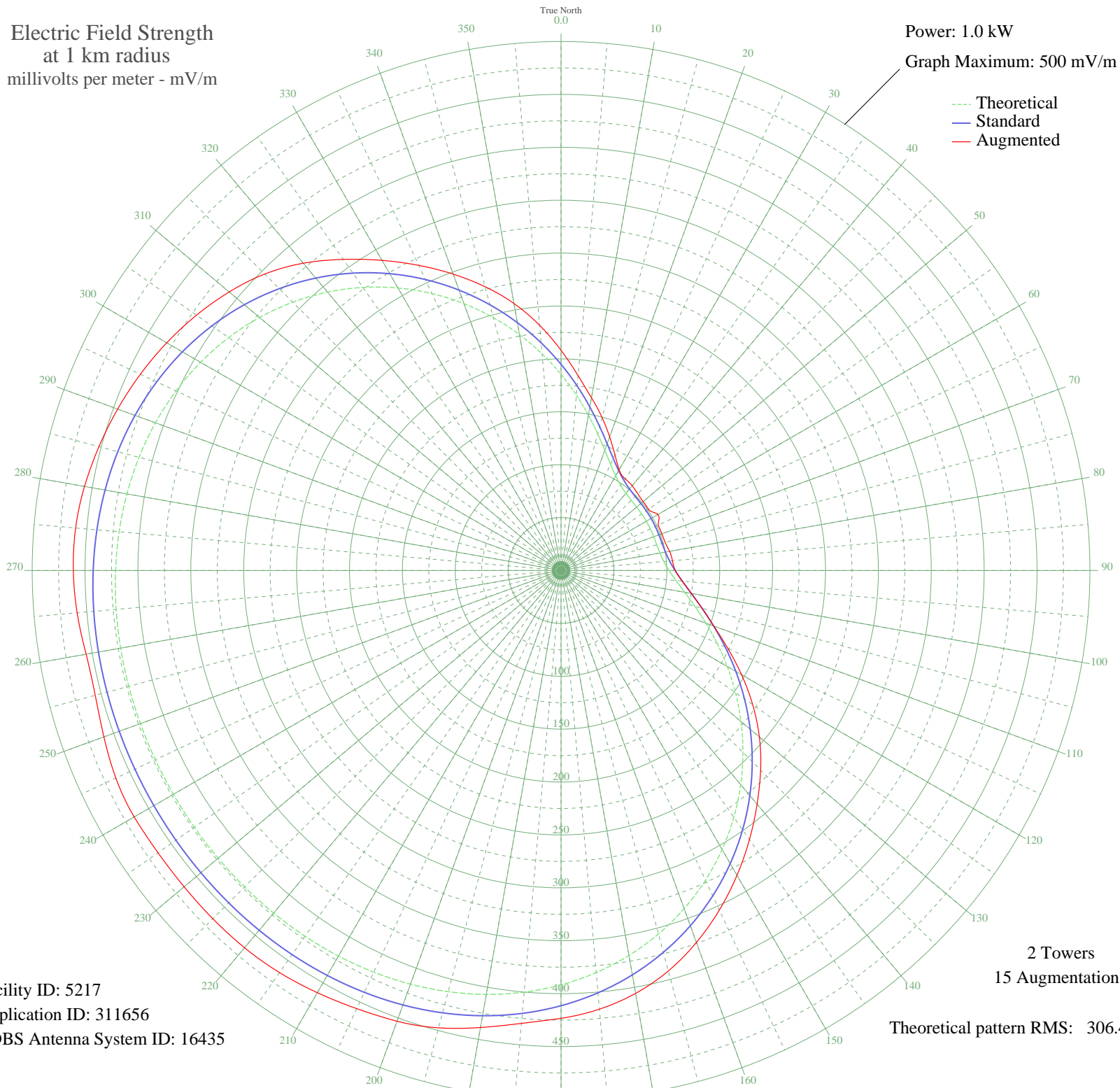
WBIG AURORA, IL BL-- 1280 kHz

Daytime

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

Power: 1.0 kW

Graph Maximum: 500 mV/m



Facility ID: 5217
Application ID: 311656
CDBS Antenna System ID: 16435

2 Towers
15 Augmentations
Theoretical pattern RMS: 306.42

Azimuth	E _{theo}	E _{std}	E _{aug}
0	185.34	194.89	208.13
5	166.38	175.02	184.90
10	149.06	156.87	165.76
15	133.80	140.88	149.74
20	120.97	127.45	134.35
25	110.80	116.81	120.54
30	103.32	108.99	109.87
35	98.31	103.76	105.69
40	95.34	100.66	104.61
45	93.85	99.10	102.55
50	93.27	98.49	101.39
55	93.12	98.34	100.95
60	93.11	98.33	105.80
65	93.11	98.33	101.46
70	93.22	98.44	101.39
75	93.68	98.92	102.00
80	94.95	100.25	104.13
85	97.57	102.99	105.74
90	102.13	107.75	108.05
95	109.09	115.03	115.03
100	118.72	125.10	125.10
105	131.03	137.98	137.98
110	145.83	153.48	153.74
115	162.77	171.24	173.91
120	181.44	190.80	197.07
125	201.38	211.71	221.19
130	222.13	233.47	244.75
135	243.23	255.60	266.86
140	264.25	277.66	288.37
145	284.80	299.22	310.55
150	304.51	319.91	332.71
155	323.06	339.38	354.16
160	340.21	357.37	374.20
165	355.74	373.68	391.91
170	369.54	388.16	405.94
175	381.53	400.74	416.27

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	391.71	411.43	423.37
185	400.13	420.27	429.77
190	406.90	427.37	438.69
195	412.17	432.91	447.58
200	416.12	437.05	453.45
205	418.94	440.01	457.01
210	420.85	442.01	460.85
215	422.04	443.27	464.02
220	422.72	443.98	465.52
225	423.06	444.34	465.57
230	423.19	444.47	465.17
235	423.22	444.50	465.17
240	423.22	444.51	466.02
245	423.22	444.51	464.41
250	423.20	444.48	459.93
255	423.10	444.38	455.92
260	422.81	444.08	455.90
265	422.22	443.45	459.24
270	421.14	442.32	461.12
275	419.39	440.48	460.68
280	416.76	437.73	457.47
285	413.06	433.84	452.28
290	408.07	428.60	446.08
295	401.61	421.82	438.83
300	393.53	413.34	430.44
305	383.71	403.03	420.74
310	372.08	390.83	409.57
315	358.65	376.72	396.25
320	343.45	360.77	379.15
325	326.61	343.10	358.97
330	308.32	323.91	338.45
335	288.82	303.44	318.22
340	268.41	282.03	298.11
345	247.45	260.04	277.72
350	226.33	237.88	256.24
355	205.48	216.01	232.65