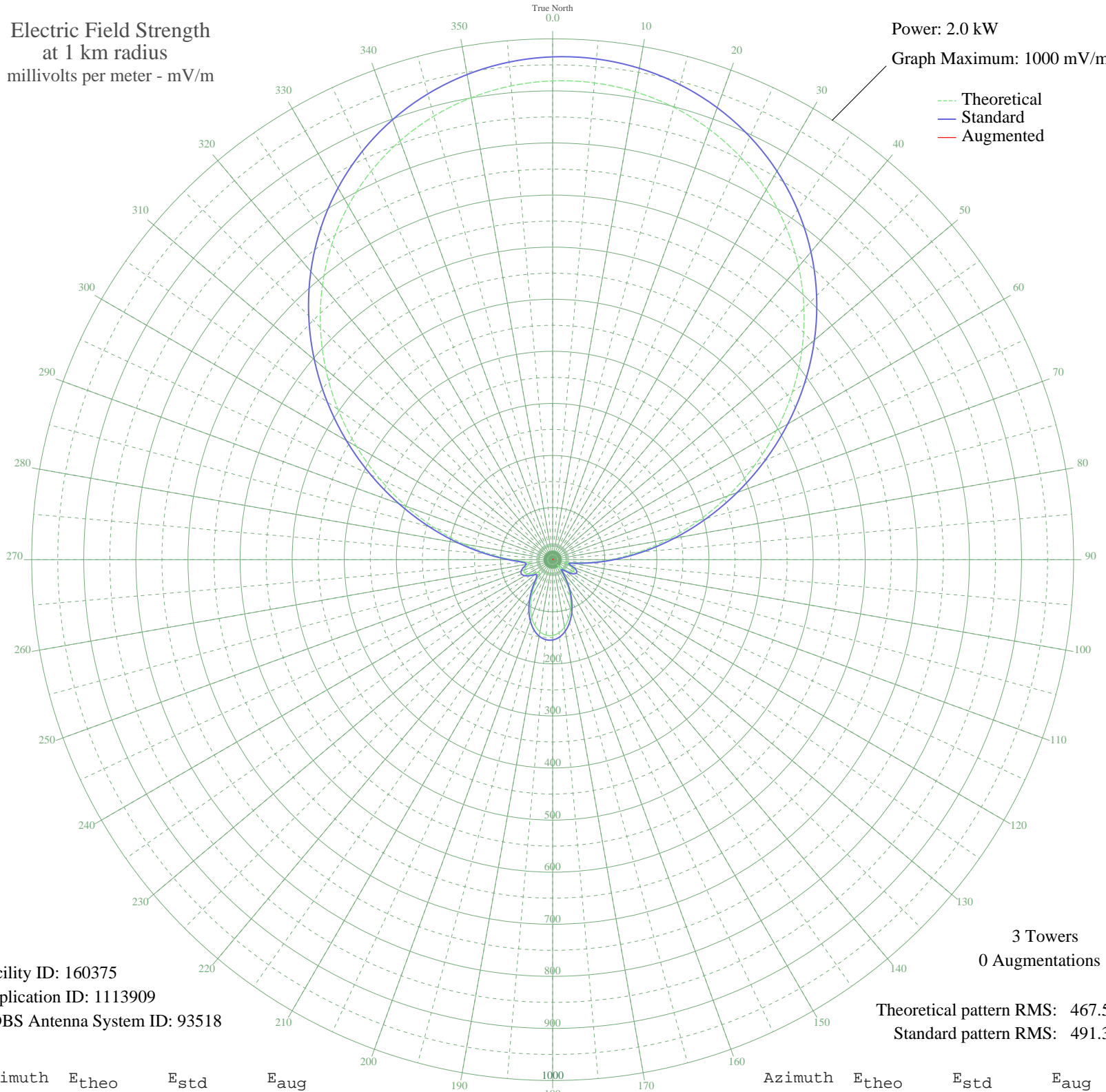


WMJQ ONTARIO, NY BNP-20050118AGP 1330 kHz

Nighttime

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

Power: 2.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 160375
Application ID: 1113909
CDBS Antenna System ID: 93518

3 Towers
0 Augmentations

Theoretical pattern RMS: 467.50
Standard pattern RMS: 491.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	919.18	965.36	
5	918.88	965.04	
10	912.17	958.00	
15	899.01	944.18	
20	879.31	923.50	
25	853.00	895.88	
30	820.02	861.26	
35	780.41	819.69	
40	734.33	771.33	
45	682.14	716.55	
50	624.41	655.95	
55	561.96	590.41	
60	495.88	521.08	
65	427.53	449.38	
70	358.47	376.96	
75	290.44	305.66	
80	225.25	237.41	
85	164.74	174.20	
90	110.71	118.06	
95	65.14	71.44	
100	31.86	39.30	
105	23.89	32.47	
110	35.53	42.63	
115	44.28	50.87	
120	45.90	52.42	
125	40.53	47.29	
130	29.50	37.22	
135	16.33	26.82	
140	17.39	27.55	
145	36.16	43.21	
150	58.22	64.52	
155	80.11	86.61	
160	100.28	107.30	
165	117.64	125.23	
170	131.33	139.43	
175	140.76	149.23	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	145.53	154.20	
185	145.46	154.12	
190	140.59	149.05	
195	131.16	139.25	
200	117.65	125.25	
205	100.84	107.87	
210	81.82	88.35	
215	62.27	68.56	
220	45.08	51.63	
225	35.56	42.65	
230	37.91	44.83	
235	46.87	53.36	
240	55.30	61.62	
245	59.57	65.86	
250	58.21	64.51	
255	51.73	58.10	
260	44.98	51.53	
265	51.12	57.50	
270	78.37	84.83	
275	120.97	128.68	
280	173.70	183.54	
285	233.59	246.13	
290	298.41	314.01	
295	366.15	385.01	
300	434.89	457.10	
305	502.86	528.41	
310	568.48	597.26	
315	630.41	662.25	
320	687.55	722.23	
325	739.11	776.34	
330	784.54	824.02	
335	823.48	864.90	
340	855.80	898.83	
345	881.47	925.78	
350	900.54	945.79	
355	913.08	958.96	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission