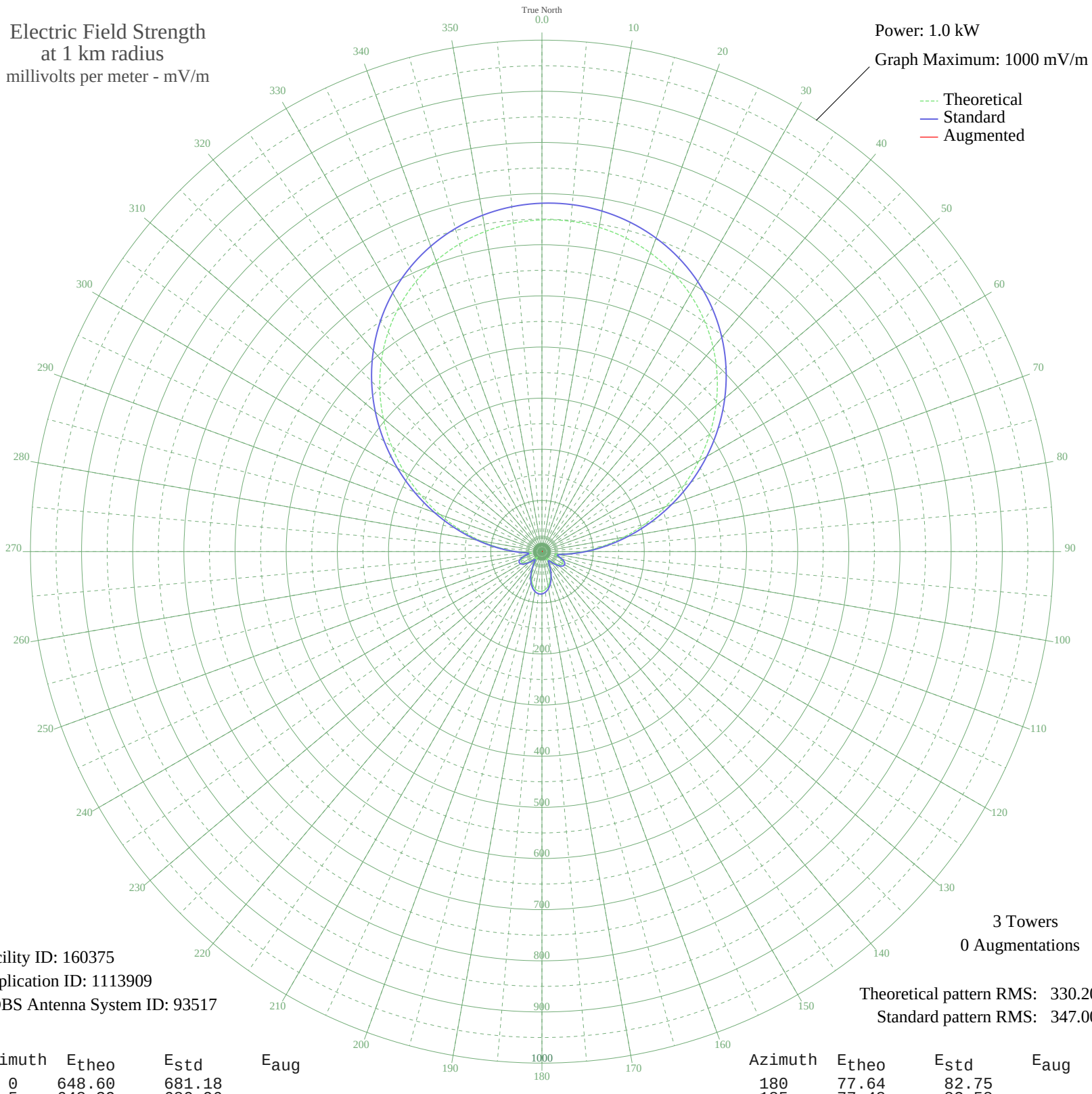
WMJQ ONTARIO, NY BNP-20050118AGP 1330 kHz

Daytime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 160375
Application ID: 1113909
CDBS Antenna System ID: 93517

Theoretical pattern RMS: 330.20
Standard pattern RMS: 347.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	648.60	681.18	
5	648.39	680.96	
10	643.77	676.11	
15	634.72	666.60	
20	621.16	652.37	
25	603.01	633.32	
30	580.23	609.41	
35	552.81	580.62	
40	520.83	547.06	
45	484.50	508.92	
50	444.19	466.61	
55	400.44	420.70	
60	353.99	371.97	
65	305.77	321.38	
70	256.87	270.08	
75	208.50	219.39	
80	161.99	170.68	
85	118.71	125.45	
90	80.18	85.38	
95	48.48	52.84	
100	28.47	33.10	
105	27.90	32.56	
110	37.07	41.44	
115	44.35	48.68	
120	46.98	51.33	
125	44.84	49.17	
130	38.59	42.93	
135	29.43	34.00	
140	19.67	25.06	
145	15.73	21.78	
150	23.43	28.41	
155	35.81	40.19	
160	48.36	52.73	
165	59.51	64.08	
170	68.42	73.23	
175	74.57	79.58	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	77.64	82.75	
185	77.48	82.58	
190	74.08	79.07	
195	67.62	72.40	
200	58.41	62.96	
205	46.99	51.34	
210	34.16	38.57	
215	21.45	26.63	
220	13.70	20.22	
225	18.65	24.19	
230	28.78	33.39	
235	37.78	42.14	
240	43.58	47.91	
245	45.03	49.37	
250	41.45	45.78	
255	32.89	37.34	
260	22.25	27.34	
265	24.88	29.74	
270	48.52	52.89	
275	82.10	87.37	
280	121.73	128.60	
285	165.72	174.58	
290	212.68	223.77	
295	261.30	274.74	
300	310.30	326.12	
305	358.47	376.66	
310	404.75	425.22	
315	448.23	470.85	
320	488.20	512.81	
325	524.14	550.53	
330	555.69	583.65	
335	582.67	611.97	
340	605.00	635.41	
345	622.69	653.98	
350	635.81	667.75	
355	644.42	676.79	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission