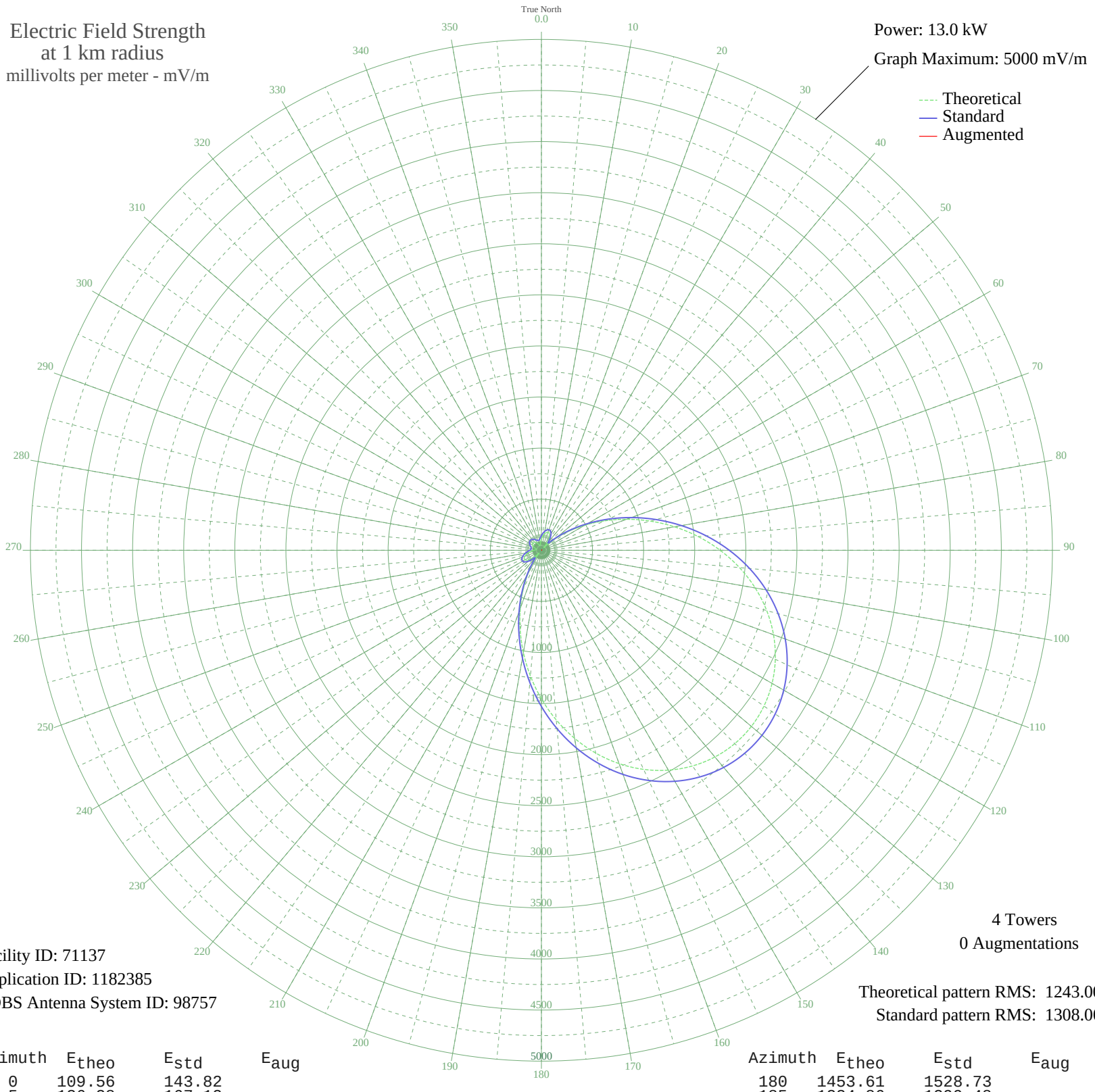
WKDM NEW YORK, NY BP-20070424AAK 1380 kHz

Nighttime

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



Power: 13.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 71137
Application ID: 1182385
CDBS Antenna System ID: 98757

Theoretical pattern RMS: 1243.00
Standard pattern RMS: 1308.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	109.56	143.82	
5	136.28	167.12	
10	160.20	189.07	
15	178.13	206.00	
20	186.52	214.02	
25	181.49	209.20	
30	159.21	188.14	
35	116.53	149.74	
40	54.50	103.57	
45	60.32	107.06	
50	175.06	203.07	
55	320.89	347.82	
60	491.22	522.95	
65	681.80	721.07	
70	887.70	936.07	
75	1103.31	1161.68	
80	1322.68	1391.49	
85	1539.84	1619.13	
90	1749.15	1838.63	
95	1945.50	2044.59	
100	2124.50	2232.39	
105	2282.54	2398.22	
110	2416.79	2539.09	
115	2525.11	2652.77	
120	2605.99	2737.65	
125	2658.43	2792.69	
130	2681.85	2817.27	
135	2675.99	2811.12	
140	2640.92	2774.30	
145	2577.00	2707.23	
150	2485.00	2610.67	
155	2366.09	2485.90	
160	2222.04	2334.74	
165	2055.23	2159.72	
170	1868.81	1964.15	
175	1666.71	1752.17	

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1453.61	1528.73	
185	1234.86	1299.48	
190	1016.27	1070.57	
195	803.85	848.44	
200	603.43	639.46	
205	420.41	449.79	
210	259.39	285.71	
215	124.64	156.77	
220	34.04	93.43	
225	80.88	121.09	
230	136.18	167.03	
235	170.42	198.67	
240	185.36	212.91	
245	184.55	212.14	
250	171.90	200.07	
255	151.16	180.68	
260	125.76	157.76	
265	98.76	134.92	
270	73.29	115.64	
275	53.84	103.19	
280	47.26	99.57	
285	55.33	104.05	
290	70.25	113.55	
295	85.59	124.61	
300	98.38	134.61	
305	107.17	141.82	
310	111.22	145.22	
315	110.20	144.36	
320	104.19	139.36	
325	93.68	130.87	
330	79.64	120.19	
335	63.98	109.38	
340	50.77	101.46	
345	47.95	99.93	
350	60.49	107.17	
355	83.06	122.71	