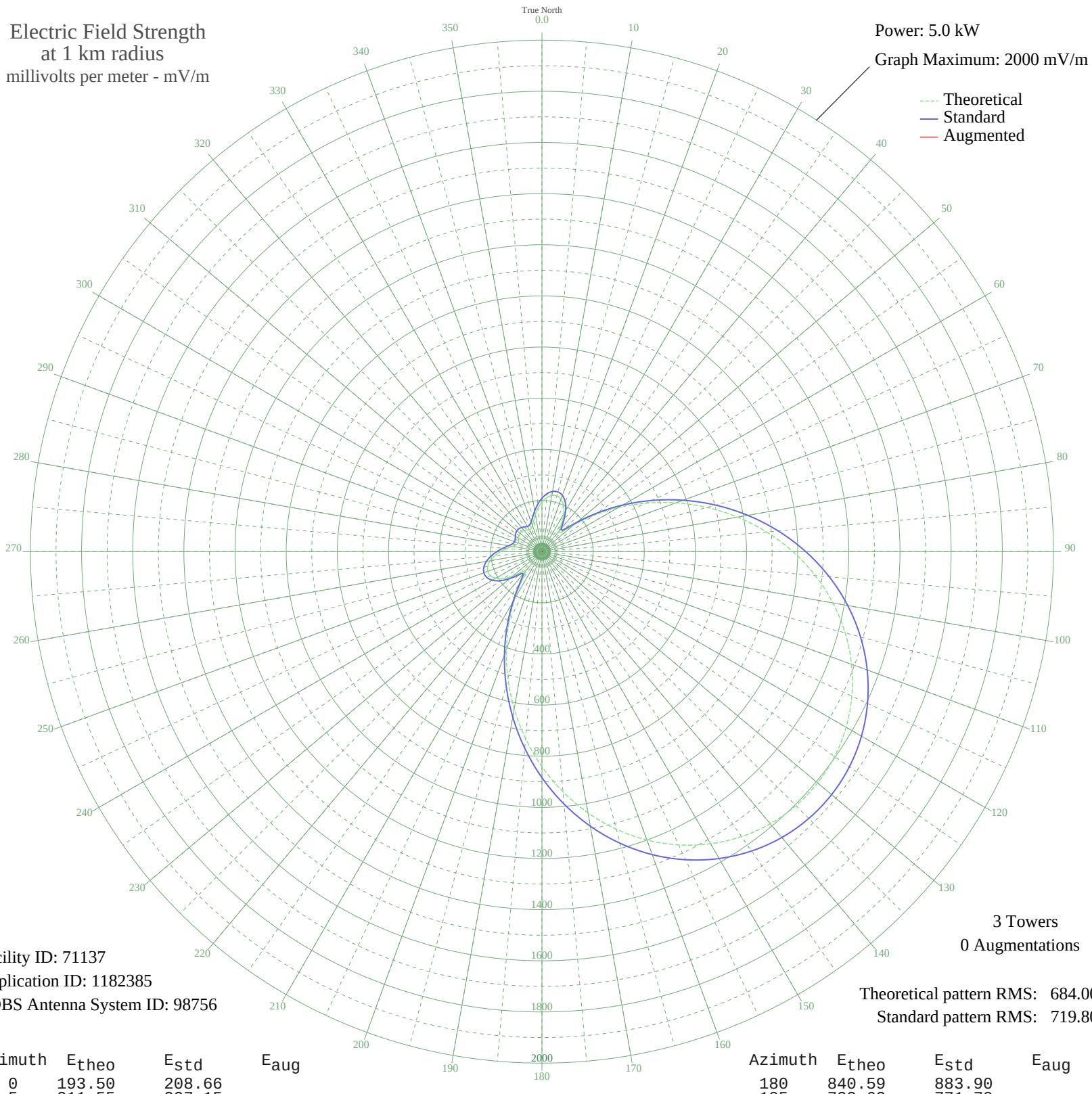
WKDM NEW YORK, NY BP-20070424AAK 1380 kHz

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

3 Towers
0 Augmentations

Facility ID: 71137
Application ID: 1182385
CDBS Antenna System ID: 98756

Theoretical pattern RMS: 684.00
Standard pattern RMS: 719.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	193.50	208.66	
5	211.55	227.15	
10	222.91	238.83	
15	225.57	241.57	
20	218.03	233.80	
25	199.48	214.77	
30	170.36	185.08	
35	133.94	148.44	
40	102.54	117.68	
45	107.92	122.87	
50	163.28	177.90	
55	246.27	262.91	
60	343.26	363.54	
65	448.25	473.06	
70	557.48	587.27	
75	667.91	702.91	
80	776.89	817.12	
85	882.06	927.38	
90	981.34	1031.50	
95	1072.93	1127.58	
100	1155.36	1214.06	
105	1227.43	1289.68	
110	1288.21	1353.45	
115	1337.00	1404.65	
120	1373.30	1442.75	
125	1396.79	1467.40	
130	1407.27	1478.39	
135	1404.65	1475.64	
140	1388.95	1459.17	
145	1360.30	1429.11	
150	1318.95	1385.72	
155	1265.30	1329.41	
160	1199.91	1260.80	
165	1123.57	1180.71	
170	1037.32	1090.22	
175	942.46	990.72	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	840.59	883.90	
185	733.63	771.78	
190	623.77	656.68	
195	513.48	541.25	
200	405.56	428.48	
205	303.25	321.94	
210	210.90	226.48	
215	136.56	151.06	
220	99.14	114.43	
225	112.91	127.72	
230	148.94	163.44	
235	183.16	198.10	
240	208.23	223.74	
245	222.34	238.24	
250	225.66	241.66	
255	219.31	235.12	
260	205.01	220.44	
265	184.94	199.91	
270	161.67	176.27	
275	138.17	152.65	
280	117.80	132.50	
285	103.91	118.99	
290	98.36	113.68	
295	99.96	115.21	
300	105.12	120.16	
305	110.21	125.10	
310	112.91	127.72	
315	112.21	127.04	
320	108.36	123.30	
325	102.88	118.01	
330	98.67	113.98	
335	99.58	114.84	
340	108.51	123.44	
345	125.35	139.92	
350	147.39	161.88	
355	171.18	185.91	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission