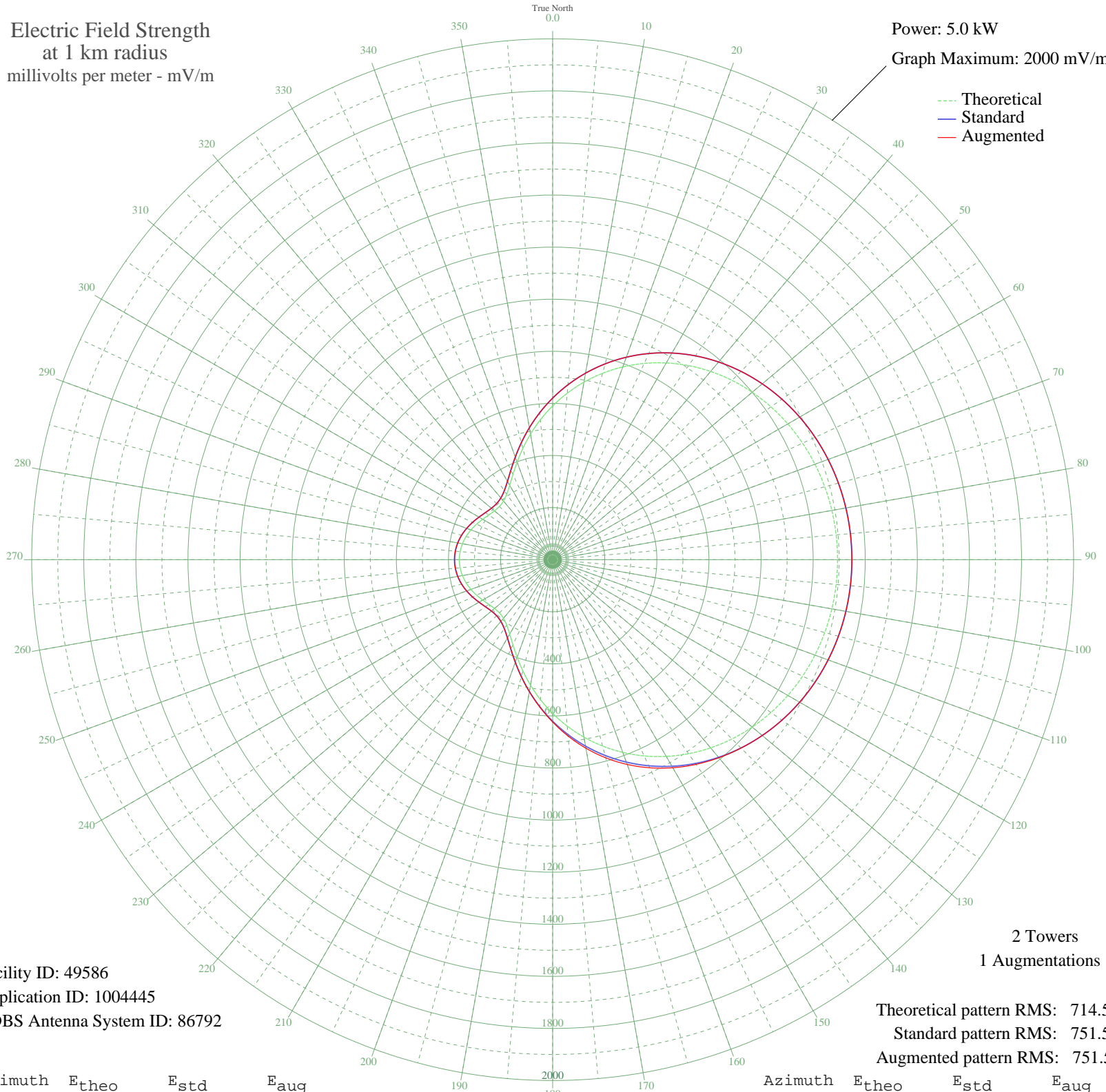


WMTR MORRISTOWN, NJ BL-20040716ACJ 1250 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 49586
Application ID: 1004445
CDBS Antenna System ID: 86792

Theoretical pattern RMS: 714.55
Standard pattern RMS: 751.54
Augmented pattern RMS: 751.54

Azimuth	E _{theo}	E _{std}	E _{aug}
0	590.37	620.34	620.34
5	641.60	674.10	674.10
10	692.04	727.03	727.03
15	740.90	778.31	778.31
20	787.55	827.27	827.27
25	831.46	873.36	873.36
30	872.25	916.17	916.17
35	909.64	955.42	955.42
40	943.45	990.91	990.91
45	973.61	1022.57	1022.57
50	1000.13	1050.41	1050.41
55	1023.06	1074.48	1074.48
60	1042.51	1094.89	1094.89
65	1058.62	1111.81	1111.81
70	1071.53	1125.36	1125.36
75	1081.40	1135.72	1135.72
80	1088.35	1143.02	1143.02
85	1092.48	1147.35	1147.35
90	1093.85	1148.79	1148.79
95	1092.48	1147.35	1147.35
100	1088.35	1143.02	1143.02
105	1081.40	1135.72	1135.72
110	1071.53	1125.36	1125.36
115	1058.62	1111.81	1111.81
120	1042.51	1094.89	1094.89
125	1023.06	1074.48	1074.48
130	1000.13	1050.41	1050.41
135	973.61	1022.57	1023.10
140	943.45	990.91	992.92
145	909.64	955.42	959.58
150	872.25	916.17	922.68
155	831.46	873.36	881.84
160	787.55	827.27	836.86
165	740.90	778.31	787.82
170	692.04	727.03	735.21
175	641.60	674.10	679.99

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	590.37	620.34	623.55
185	539.28	566.75	567.69
190	489.43	514.45	514.45
195	442.07	464.78	464.78
200	398.63	419.24	419.24
205	360.68	379.46	379.46
210	329.79	347.10	347.10
215	307.27	323.51	323.51
220	293.78	309.39	309.39
225	288.97	304.36	304.36
230	291.48	306.98	306.98
235	299.26	315.13	315.13
240	310.15	326.53	326.53
245	322.18	339.13	339.13
250	333.82	351.32	351.32
255	343.90	361.88	361.88
260	351.62	369.97	369.97
265	356.45	375.03	375.03
270	358.09	376.75	376.75
275	356.45	375.03	375.03
280	351.62	369.97	369.97
285	343.90	361.88	361.88
290	333.82	351.32	351.32
295	322.18	339.13	339.13
300	310.15	326.53	326.53
305	299.26	315.13	315.13
310	291.48	306.98	306.98
315	288.97	304.36	304.36
320	293.78	309.39	309.39
325	307.27	323.51	323.51
330	329.79	347.10	347.10
335	360.68	379.46	379.46
340	398.63	419.24	419.24
345	442.07	464.78	464.78
350	489.43	514.45	514.45
355	539.28	566.75	566.75