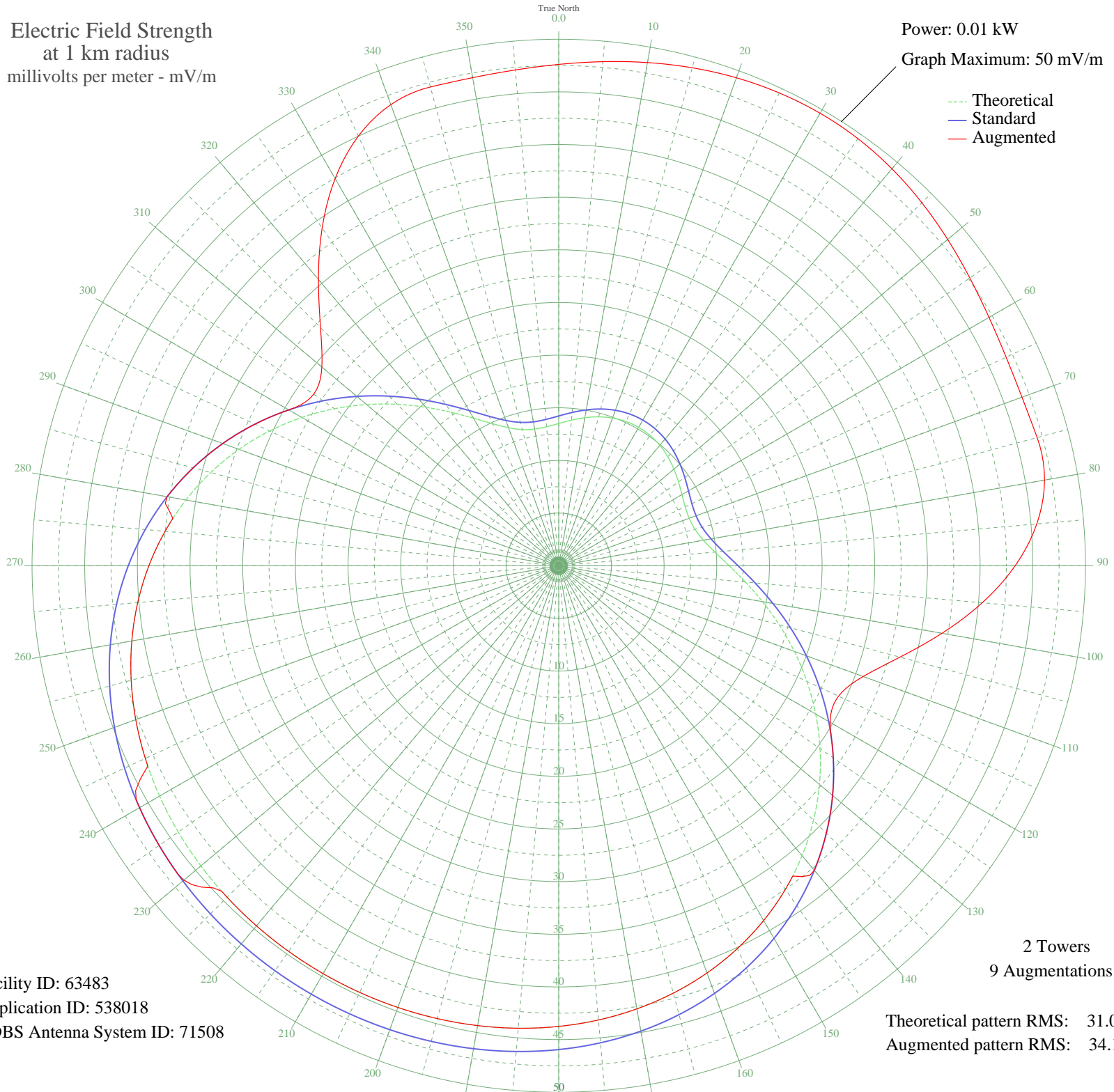


WJML PETOSKEY, MI BL-19980817AC 1110 kHz

Nighttime

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

Power: 0.01 kW
Graph Maximum: 50 mV/m



Facility ID: 63483
Application ID: 538018
CDBS Antenna System ID: 71508

Theoretical pattern RMS: 31.04
Augmented pattern RMS: 34.16

Azimuth	E _{theo}	E _{std}	E _{aug}
0	13.51	14.22	47.61
5	13.88	14.61	48.05
10	14.27	15.02	48.52
15	14.64	15.41	48.96
20	14.93	15.71	49.31
25	15.11	15.90	49.54
30	15.17	15.97	49.62
35	15.11	15.90	49.51
40	14.93	15.71	49.21
45	14.64	15.41	48.75
50	14.27	15.02	48.20
55	13.88	14.61	47.64
60	13.51	14.22	47.17
65	13.24	13.95	46.86
70	13.18	13.87	46.80
75	13.39	14.10	47.02
80	13.95	14.68	46.83
85	14.88	15.66	45.56
90	16.18	17.02	43.33
95	17.78	18.70	40.36
100	19.64	20.65	36.94
105	21.67	22.78	33.54
110	23.81	25.02	30.75
115	25.99	27.31	29.31
120	28.17	29.59	29.75
125	30.29	31.82	31.82
130	32.31	33.94	33.94
135	34.20	35.93	35.93
140	35.94	37.75	37.75
145	37.51	39.40	37.51
150	38.91	40.87	38.91
155	40.12	42.14	40.12
160	41.15	43.22	41.15
165	42.02	44.13	42.02
170	42.73	44.88	42.73
175	43.30	45.48	43.30

Azimuth	E _{theo}	E _{std}	E _{aug}
180	43.75	45.95	43.75
185	44.09	46.31	44.09
190	44.34	46.57	44.34
195	44.52	46.76	44.52
200	44.64	46.89	44.64
205	44.71	46.96	44.71
210	44.73	46.98	44.73
215	44.71	46.96	44.71
220	44.64	46.89	44.64
225	44.52	46.76	44.52
230	44.34	46.57	46.46
235	44.09	46.31	46.31
240	43.75	45.95	45.95
245	43.30	45.48	43.30
250	42.73	44.88	42.73
255	42.02	44.13	42.02
260	41.15	43.22	41.15
265	40.12	42.14	40.12
270	38.91	40.87	38.91
275	37.51	39.40	37.51
280	35.94	37.75	37.75
285	34.20	35.93	35.93
290	32.31	33.94	33.94
295	30.29	31.82	31.82
300	28.17	29.59	29.59
305	25.99	27.31	28.40
310	23.81	25.02	29.36
315	21.67	22.78	31.98
320	19.64	20.65	35.49
325	17.78	18.70	39.16
330	16.18	17.02	42.45
335	14.88	15.66	45.01
340	13.95	14.68	46.60
345	13.39	14.10	47.07
350	13.18	13.87	47.06
355	13.24	13.95	47.26

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