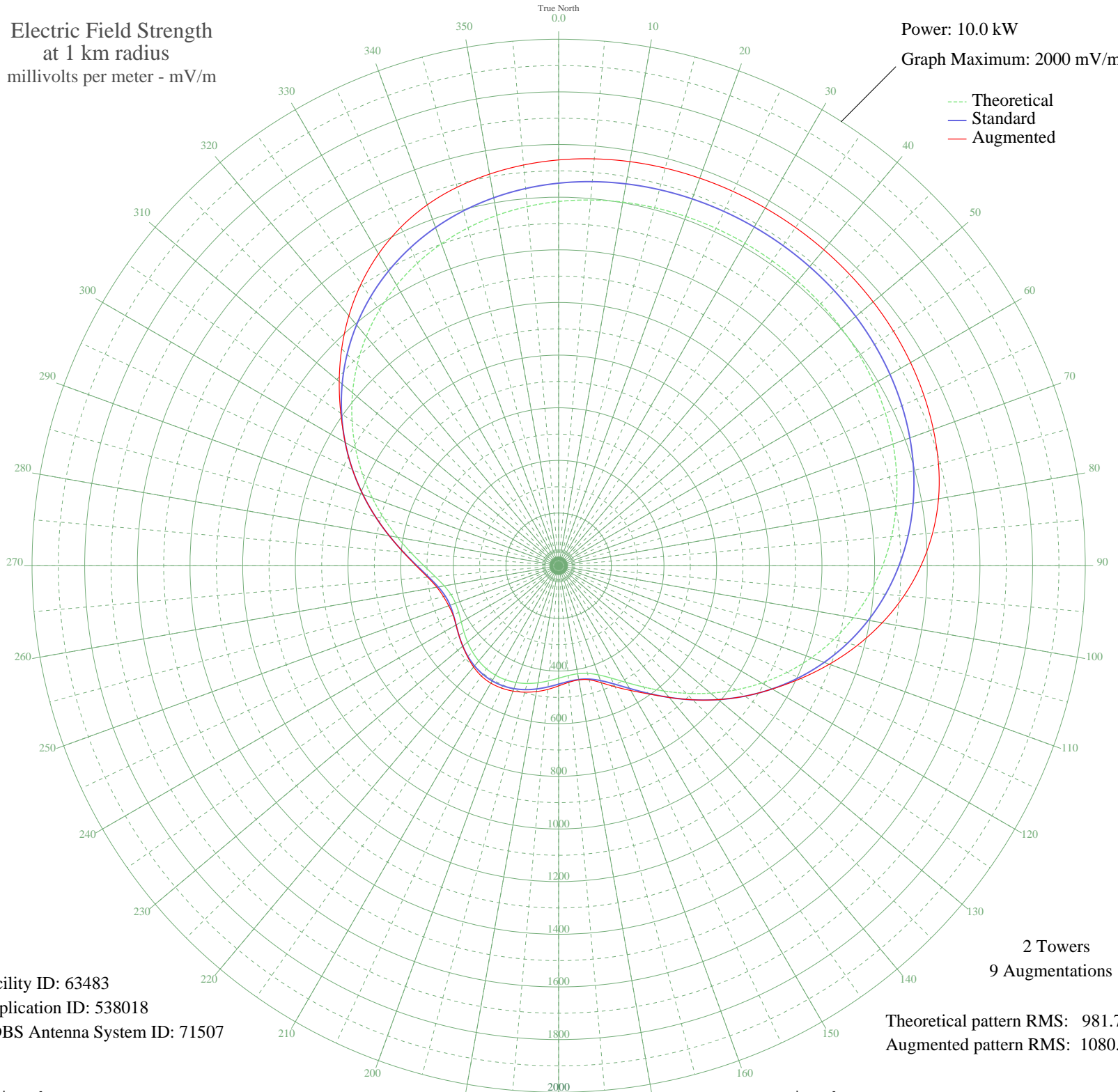


WJML PETOSKEY, MI BL-19980817AC 1110 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 63483
Application ID: 538018
CDBS Antenna System ID: 71507

Theoretical pattern RMS: 981.70
Augmented pattern RMS: 1080.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1383.67	1453.24	1541.51
5	1394.48	1464.58	1551.52
10	1402.48	1472.98	1558.71
15	1408.16	1478.94	1563.65
20	1411.90	1482.87	1566.81
25	1414.03	1485.10	1568.55
30	1414.71	1485.82	1569.11
35	1414.03	1485.10	1568.58
40	1411.90	1482.87	1566.93
45	1408.16	1478.94	1563.95
50	1402.48	1472.98	1559.33
55	1394.48	1464.58	1552.62
60	1383.67	1453.24	1543.29
65	1369.52	1438.38	1530.75
70	1351.48	1419.44	1514.37
75	1328.99	1395.84	1493.51
80	1301.58	1367.07	1464.98
85	1268.85	1332.70	1425.75
90	1230.50	1292.45	1375.92
95	1186.44	1246.20	1316.21
100	1136.73	1194.03	1247.93
105	1081.67	1136.24	1173.04
110	1021.78	1073.38	1094.07
115	957.82	1006.26	1014.10
120	890.82	935.95	936.65
125	822.02	863.76	863.76
130	752.93	791.27	791.27
135	685.30	720.33	720.33
140	621.10	653.00	653.00
145	562.47	591.52	594.44
150	511.64	538.25	547.37
155	470.69	495.34	507.37
160	441.12	464.37	472.84
165	423.42	445.83	448.56
170	416.71	438.80	440.39
175	418.90	441.09	444.55

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	427.23	449.82	456.47
185	438.89	462.03	471.58
190	451.44	475.18	485.35
195	462.97	487.25	497.25
200	472.10	496.82	506.77
205	477.92	502.91	512.89
210	479.91	505.00	514.99
215	477.92	502.91	511.61
220	472.10	496.82	502.30
225	462.97	487.25	489.22
230	451.44	475.18	475.24
235	438.89	462.03	462.03
240	427.23	449.82	449.82
245	418.90	441.09	442.64
250	416.71	438.80	444.41
255	423.42	445.83	452.82
260	441.12	464.37	470.02
265	470.69	495.34	499.45
270	511.64	538.25	541.45
275	562.47	591.52	592.60
280	621.10	653.00	653.00
285	685.30	720.33	720.33
290	752.93	791.27	791.27
295	822.02	863.76	863.76
300	890.82	935.95	935.95
305	957.82	1006.26	1010.27
310	1021.78	1073.38	1087.87
315	1081.67	1136.24	1165.32
320	1136.73	1194.03	1239.48
325	1186.44	1246.20	1307.71
330	1230.50	1292.45	1367.92
335	1268.85	1332.70	1418.61
340	1301.58	1367.07	1458.93
345	1328.99	1395.84	1488.64
350	1351.48	1419.44	1510.66
355	1369.52	1438.38	1528.10