

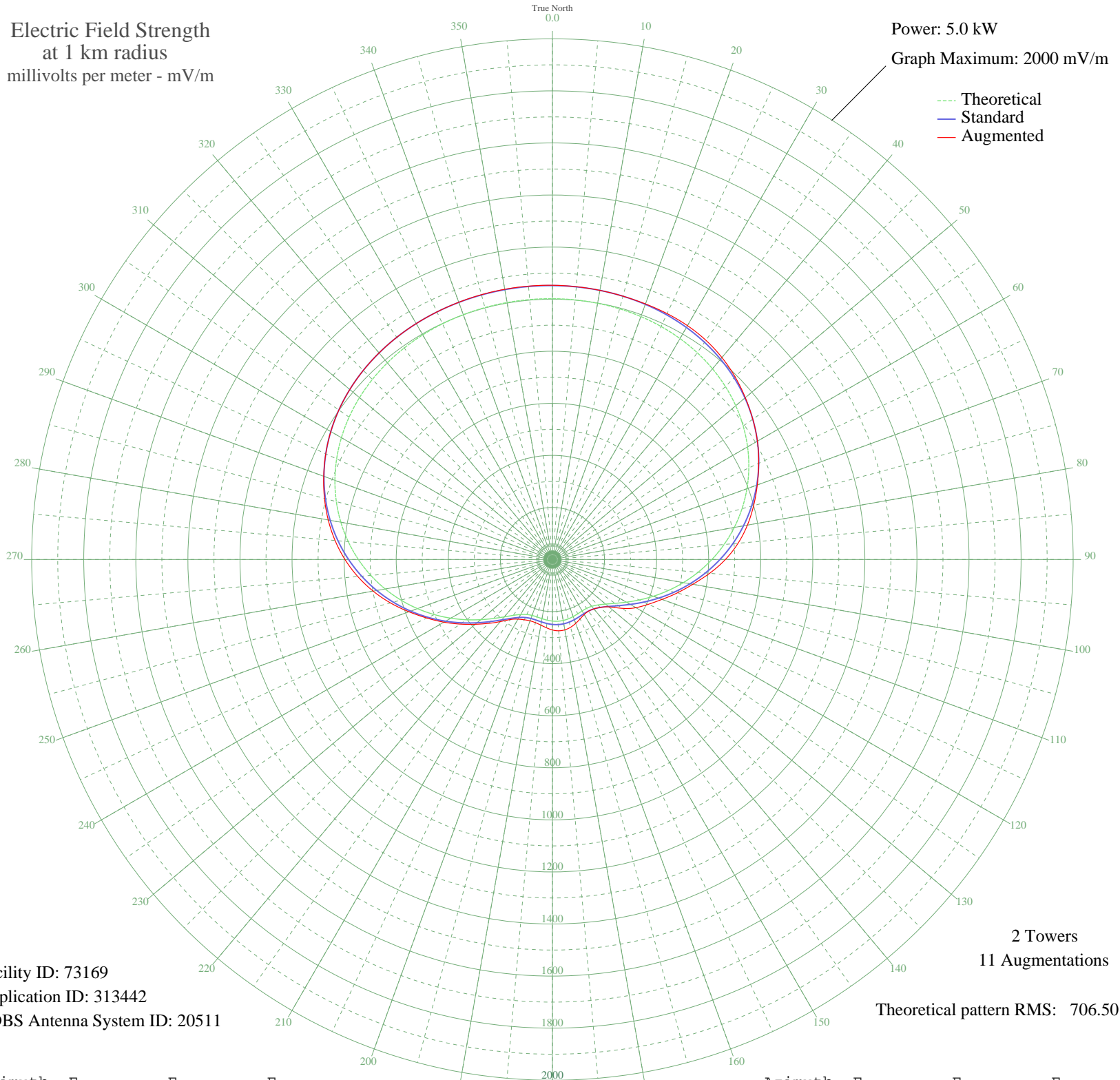
WLJW CADILLAC, MI BL-- 1370 kHz

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

Facility ID: 73169
Application ID: 313442
CDBS Antenna System ID: 20511

2 Towers
11 Augmentations

Theoretical pattern RMS: 706.50

Azimuth	Etheo	Estd	Eaug
0	1001.84	1052.20	1053.32
5	1000.97	1051.28	1051.86
10	999.41	1049.64	1049.77
15	996.90	1047.01	1047.06
20	993.09	1043.01	1044.74
25	987.58	1037.23	1042.20
30	979.94	1029.20	1037.26
35	969.69	1018.45	1027.84
40	956.40	1004.49	1012.75
45	939.64	986.90	992.12
50	919.06	965.30	967.17
55	894.40	939.41	939.47
60	865.50	909.08	909.08
65	832.34	874.27	874.27
70	795.04	835.12	837.34
75	753.89	791.93	800.05
80	709.31	745.14	760.40
85	661.90	695.39	715.73
90	612.39	643.44	664.23
95	561.65	590.20	606.26
100	510.68	536.73	547.67
105	460.57	484.17	496.08
110	412.51	433.77	447.93
115	367.78	386.88	406.85
120	327.69	344.87	370.15
125	293.52	309.09	326.99
130	266.36	280.67	282.85
135	246.81	260.22	260.28
140	234.72	247.57	247.66
145	229.06	241.65	242.03
150	228.15	240.70	244.15
155	230.09	242.73	251.66
160	233.15	245.93	261.10
165	235.99	248.90	269.39
170	237.73	250.71	274.35
175	237.89	250.89	274.82

Azimuth	Etheo	Estd	Eaug
180	236.45	249.38	270.70
185	233.77	246.58	263.12
190	230.66	243.33	255.83
195	228.37	240.93	251.17
200	228.55	241.13	250.68
205	233.12	245.90	255.43
210	243.82	257.09	264.56
215	261.84	275.93	281.42
220	287.50	302.79	311.18
225	320.34	337.18	346.91
230	359.34	378.04	387.01
235	403.25	424.07	432.49
240	450.75	473.87	481.35
245	500.55	526.10	532.06
250	551.44	579.49	586.67
255	602.31	632.86	644.06
260	652.14	685.15	699.21
265	700.03	735.41	750.41
270	745.23	782.84	796.75
275	787.11	826.79	837.96
280	825.20	866.78	874.31
285	859.20	902.47	906.40
290	888.96	933.70	934.93
295	914.46	960.47	960.50
300	935.84	982.91	982.91
305	953.33	1001.28	1001.28
310	967.29	1015.93	1015.93
315	978.11	1027.28	1027.28
320	986.24	1035.82	1035.82
325	992.14	1042.01	1042.01
330	996.25	1046.33	1046.33
335	998.99	1049.21	1049.28
340	1000.72	1051.02	1051.49
345	1001.71	1052.06	1053.08
350	1002.18	1052.55	1053.97
355	1002.22	1052.59	1054.05

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission