

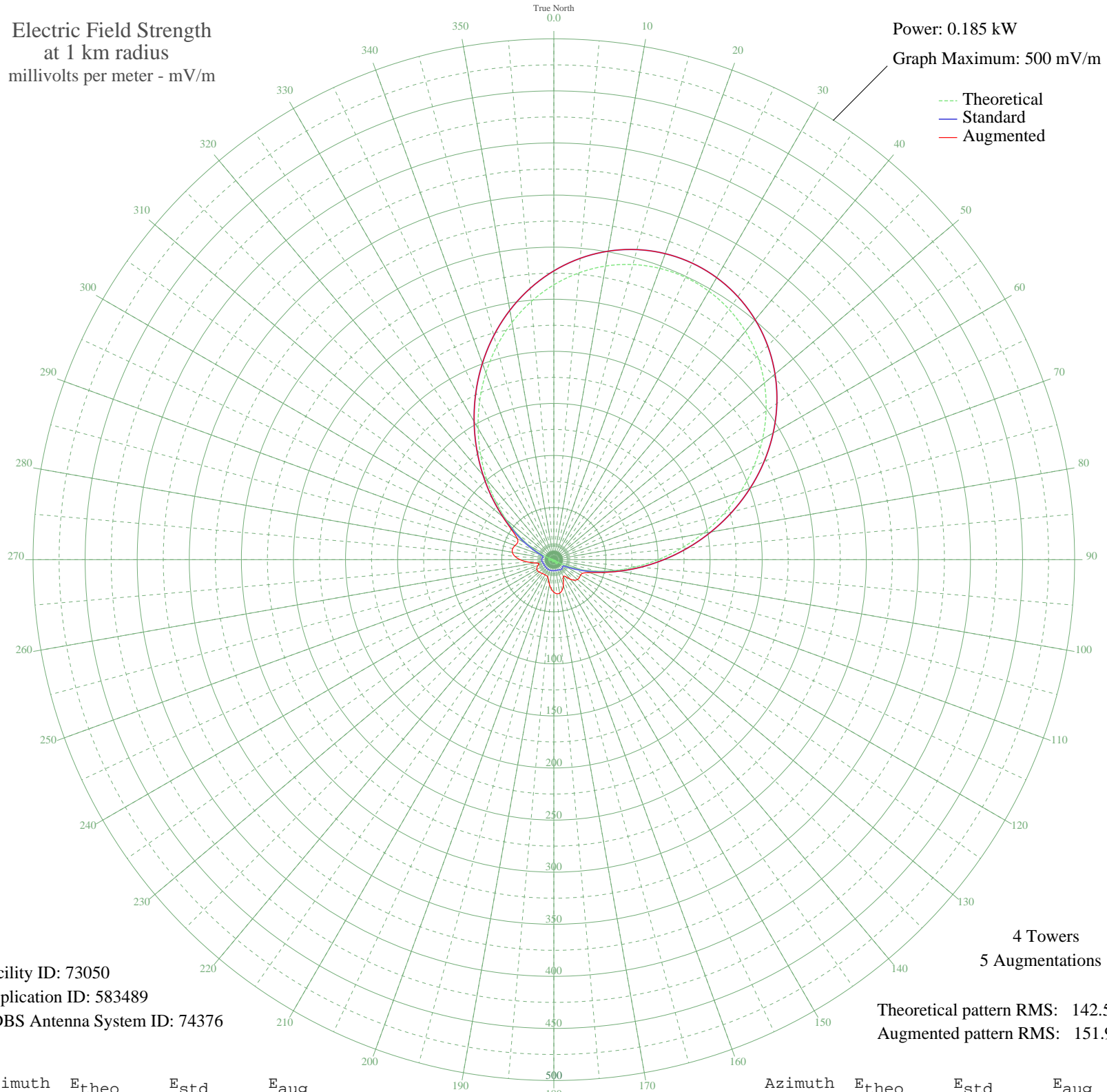
WGLB ELM GROVE, WI BL-20010927ABV 1560 kHz

Daytime

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

Power: 0.185 kW
Graph Maximum: 500 mV/m

--- Theoretical
--- Standard
--- Augmented



Facility ID: 73050
Application ID: 583489
CDBS Antenna System ID: 74376

4 Towers
5 Augmentations

Theoretical pattern RMS: 142.52
Augmented pattern RMS: 151.97

Azimuth	Etheo	Estd	Eaug
0	263.83	277.22	277.22
5	276.37	290.38	290.38
10	286.22	300.71	300.71
15	293.30	308.14	308.14
20	297.56	312.62	312.62
25	298.98	314.11	314.11
30	297.56	312.62	312.62
35	293.30	308.14	308.14
40	286.22	300.71	300.71
45	276.37	290.38	290.38
50	263.83	277.22	277.22
55	248.75	261.40	261.40
60	231.34	243.13	243.13
65	211.87	222.72	222.72
70	190.74	200.56	200.56
75	168.42	177.15	177.15
80	145.46	153.09	153.09
85	122.46	129.02	129.02
90	100.09	105.61	105.61
95	78.95	83.56	83.56
100	59.63	63.48	63.48
105	42.59	45.93	47.50
110	28.16	31.37	36.30
115	16.51	20.27	30.77
120	7.64	13.21	29.60
125	1.39	10.60	29.95
130	2.57	10.84	29.68
135	4.61	11.56	27.87
140	5.20	11.83	24.43
145	4.81	11.65	20.00
150	3.87	11.26	18.45
155	2.75	10.89	21.48
160	1.73	10.66	26.54
165	0.98	10.55	30.46
170	0.58	10.52	32.64
175	0.55	10.52	32.84

Azimuth	Etheo	Estd	Eaug
180	0.80	10.53	31.23
185	1.24	10.58	28.20
190	1.76	10.66	24.22
195	2.23	10.76	20.14
200	2.55	10.84	17.34
205	2.67	10.87	17.00
210	2.55	10.84	16.82
215	2.23	10.76	16.89
220	1.76	10.66	17.27
225	1.24	10.58	17.85
230	0.80	10.53	18.46
235	0.55	10.52	18.93
240	0.58	10.52	18.84
245	0.98	10.55	17.90
250	1.73	10.66	16.27
255	2.75	10.89	14.66
260	3.87	11.26	18.27
265	4.81	11.65	25.35
270	5.20	11.83	32.38
275	4.61	11.56	37.59
280	2.57	10.84	40.45
285	1.39	10.60	40.91
290	7.64	13.21	39.63
295	16.51	20.27	38.44
300	28.16	31.37	40.58
305	42.59	45.93	49.00
310	59.63	63.48	63.89
315	78.95	83.56	83.56
320	100.09	105.62	105.62
325	122.47	129.02	129.02
330	145.46	153.09	153.09
335	168.42	177.15	177.15
340	190.74	200.56	200.56
345	211.87	222.72	222.72
350	231.34	243.13	243.13
355	248.75	261.40	261.40

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission