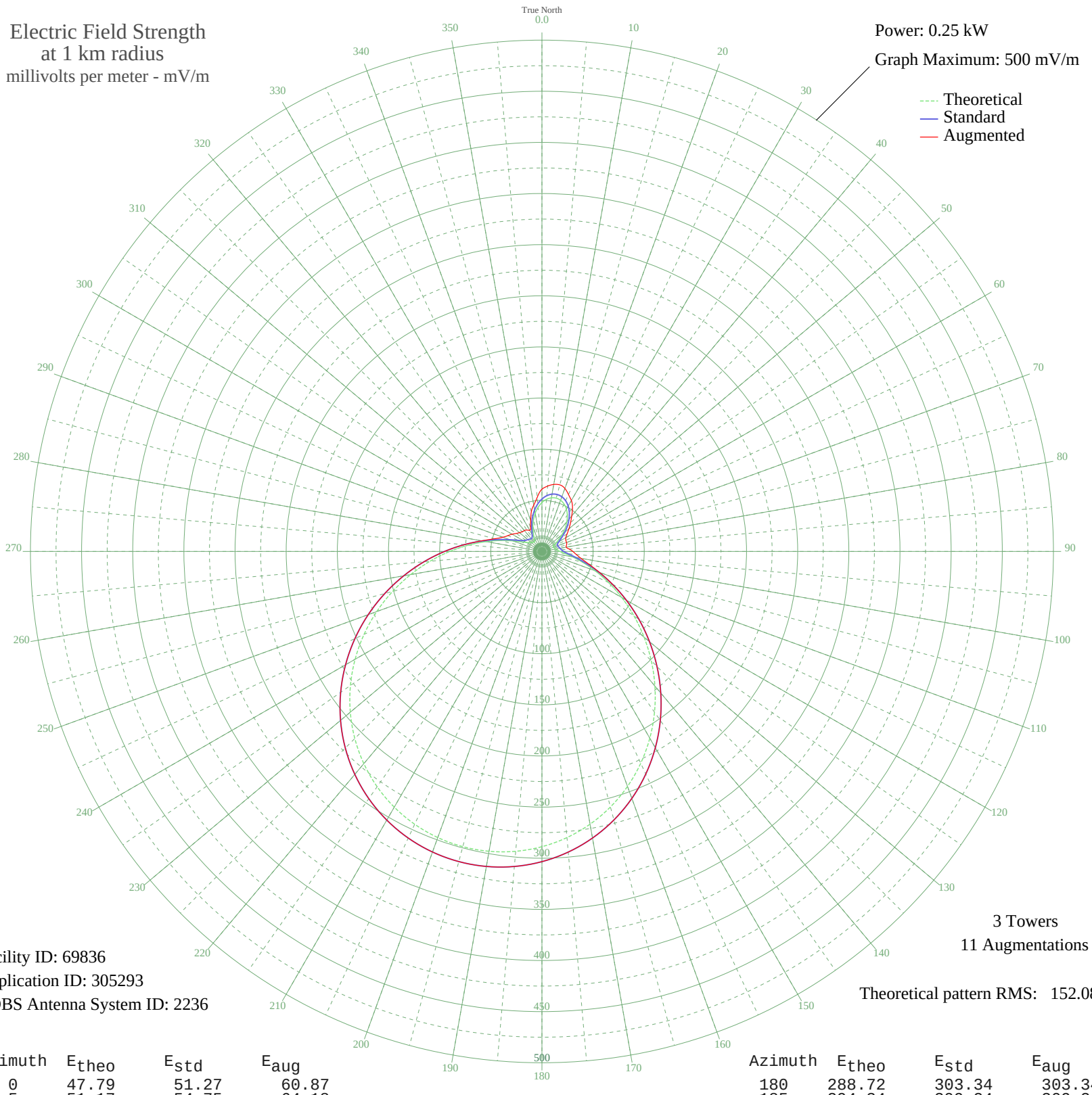
WVCY OSHKOSH, WI BL-- 690 kHz

Daytime

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



Power: 0.25 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

3 Towers
11 Augmentations

Facility ID: 69836
Application ID: 305293
CDBS Antenna System ID: 2236

Theoretical pattern RMS: 152.08

Azimuth	E_{theo}	E_{std}	E_{aug}
0	47.79	51.27	60.87
5	51.17	54.75	64.18
10	53.27	56.91	66.53
15	53.97	57.64	67.42
20	53.27	56.91	65.56
25	51.17	54.75	61.44
30	47.79	51.27	57.58
35	43.29	46.65	52.10
40	37.90	41.16	45.28
45	31.93	35.13	39.51
50	25.77	29.03	34.38
55	19.96	23.44	30.06
60	15.21	19.11	26.97
65	12.38	16.71	25.73
70	11.83	16.27	25.67
75	12.68	16.96	24.90
80	13.86	17.94	24.11
85	15.18	19.09	26.79
90	17.52	21.18	30.21
95	22.25	25.62	33.63
100	30.20	33.41	38.70
105	41.38	44.70	47.16
110	55.41	59.12	59.77
115	71.82	76.14	76.15
120	90.12	95.20	95.20
125	109.78	115.75	115.75
130	130.30	137.21	137.21
135	151.14	159.04	159.04
140	171.81	180.70	180.70
145	191.86	201.72	201.72
150	210.88	221.67	221.67
155	228.53	240.18	240.18
160	244.54	256.98	256.98
165	258.69	271.83	271.83
170	270.84	284.58	284.58
175	280.87	295.10	295.10

Azimuth	E_{theo}	E_{std}	E_{aug}
180	288.72	303.34	303.34
185	294.34	309.24	309.24
190	297.72	312.79	312.79
195	298.85	313.97	313.97
200	297.72	312.79	312.79
205	294.34	309.24	309.24
210	288.72	303.34	303.34
215	280.87	295.10	295.10
220	270.84	284.58	284.58
225	258.69	271.83	271.83
230	244.54	256.98	256.98
235	228.53	240.18	240.18
240	210.88	221.67	221.67
245	191.86	201.72	201.72
250	171.81	180.70	180.70
255	151.14	159.04	159.04
260	130.30	137.21	137.21
265	109.78	115.75	115.75
270	90.12	95.20	95.20
275	71.82	76.14	76.14
280	55.41	59.12	59.82
285	41.38	44.70	47.87
290	30.20	33.41	40.60
295	22.25	25.62	36.67
300	17.52	21.18	33.72
305	15.18	19.09	30.66
310	13.86	17.94	28.56
315	12.68	16.96	27.26
320	11.83	16.27	26.65
325	12.38	16.71	25.53
330	15.21	19.11	23.79
335	19.96	23.44	26.41
340	25.77	29.03	32.07
345	31.93	35.13	40.13
350	37.90	41.16	46.03
355	43.29	46.65	53.05

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.

20 Nov 2009

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