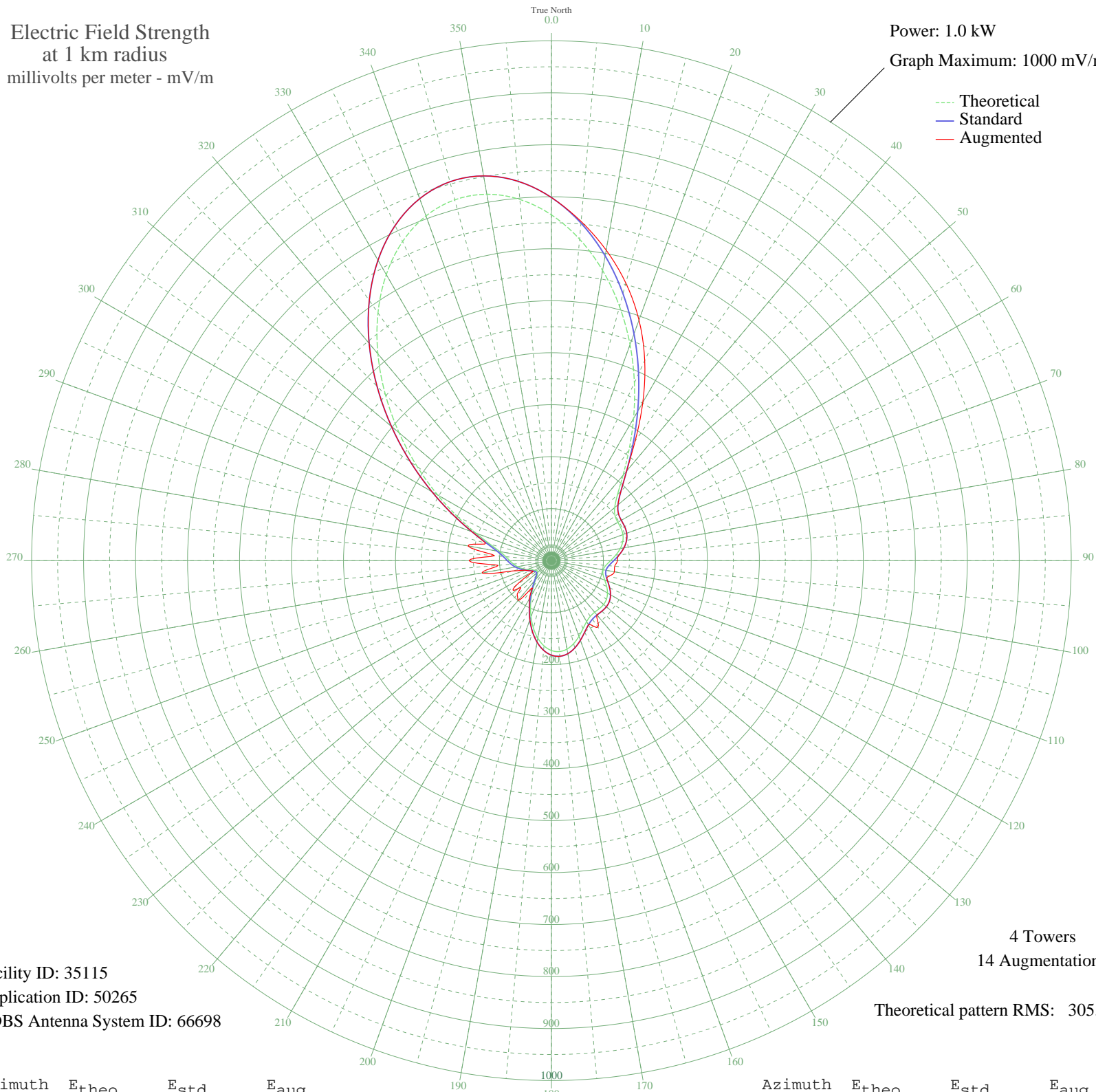


WDBC ESCANABA, MI BL-19821206AB 680 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 35115  
Application ID: 50265  
CDBS Antenna System ID: 66698

4 Towers  
14 Augmentations  
Theoretical pattern RMS: 305.78

Azimuth	Etheo	Estd	Eaug
0	665.19	698.53	698.53
5	620.83	651.96	654.97
10	566.91	595.35	606.53
15	506.31	531.73	552.88
20	442.15	464.37	492.46
25	377.61	396.63	424.56
30	315.92	331.88	351.54
35	260.32	273.54	280.64
40	214.01	224.96	224.96
45	179.78	189.06	189.06
50	158.89	167.16	167.16
55	149.63	157.46	157.46
60	147.51	155.24	155.24
65	147.59	155.33	155.33
70	146.36	154.04	154.04
75	142.07	149.54	149.54
80	134.44	141.55	141.55
85	124.36	131.00	131.00
90	113.69	119.83	126.74
95	105.05	110.80	122.20
100	101.03	106.60	122.81
105	102.79	108.43	114.61
110	109.09	115.03	115.03
115	117.24	123.55	123.55
120	124.54	131.19	131.19
125	129.29	136.16	136.16
130	130.99	137.94	137.94
135	130.42	137.35	137.35
140	129.47	136.35	136.35
145	130.52	137.45	155.95
150	135.35	142.51	142.51
155	144.02	151.58	151.58
160	154.82	162.90	162.90
165	165.19	173.77	173.77
170	172.69	181.62	181.62
175	175.53	184.61	184.61

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

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	172.82	181.77	181.77
185	164.50	173.04	173.04
190	151.21	159.12	159.12
195	134.16	141.26	141.26
200	114.90	121.10	121.10
205	95.06	100.37	100.37
210	76.27	80.77	85.30
215	59.89	63.76	63.76
220	47.00	50.46	99.78
225	38.27	41.53	93.34
230	33.90	37.11	83.14
235	33.63	36.84	83.02
240	36.83	40.07	40.07
245	42.67	46.01	46.01
250	50.17	53.72	53.72
255	58.33	62.14	75.80
260	66.22	70.32	135.41
265	73.35	77.73	103.35
270	80.07	84.73	158.61
275	88.14	93.14	110.05
280	100.88	106.44	162.91
285	122.17	128.71	131.33
290	154.60	162.67	162.67
295	198.56	208.76	208.76
300	252.79	265.64	265.64
305	315.05	330.97	330.97
310	382.49	401.75	401.75
315	451.81	474.51	474.51
320	519.44	545.51	545.51
325	581.78	610.96	610.96
330	635.44	667.29	667.29
335	677.48	711.43	711.43
340	705.65	741.01	741.01
345	718.55	754.55	754.55
350	715.68	751.53	751.53
355	697.47	732.42	732.42