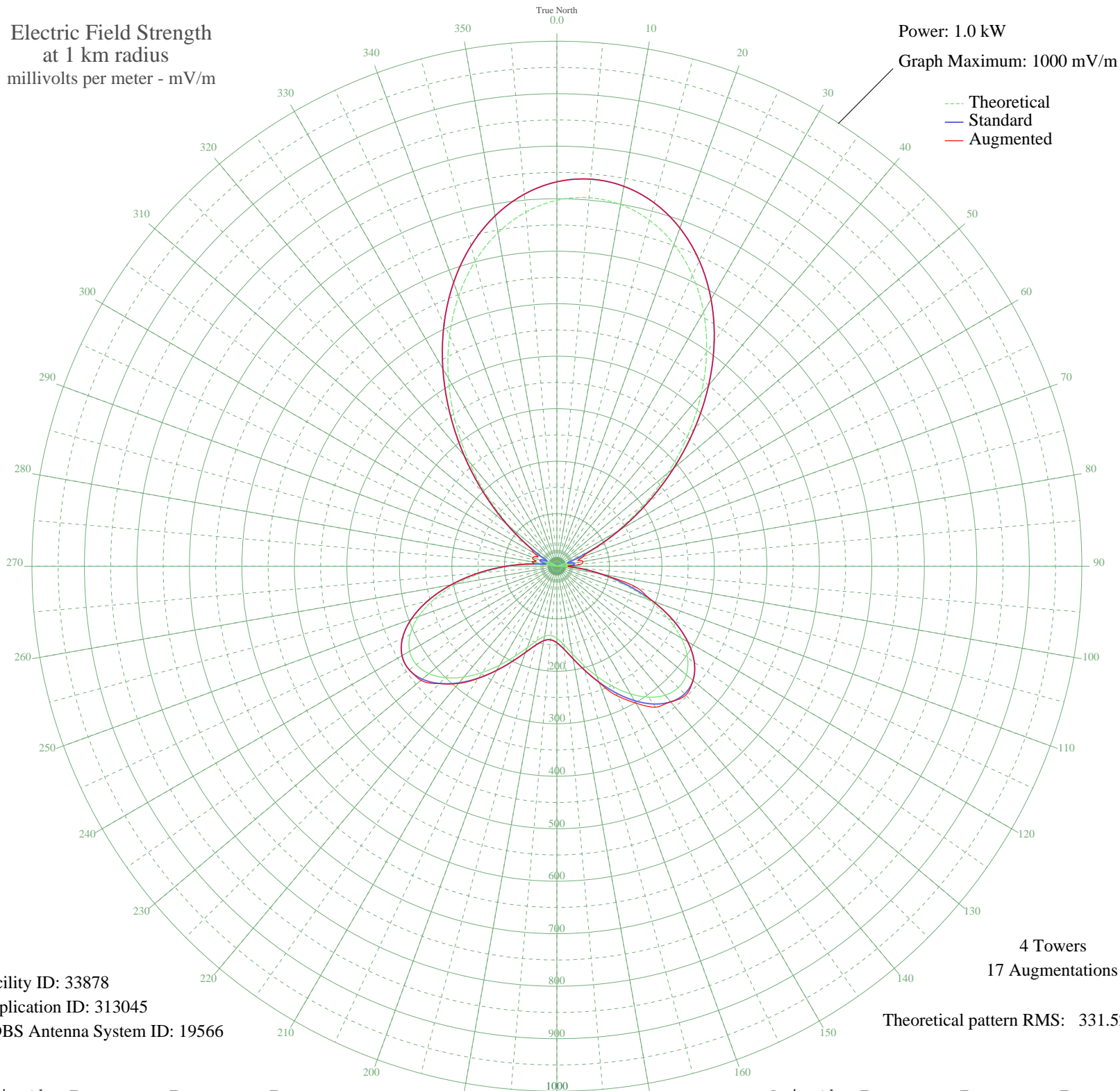


# WOAM PEORIA, IL BL-- 1350 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 33878  
Application ID: 313045  
CDBS Antenna System ID: 19566

4 Towers  
17 Augmentations  
Theoretical pattern RMS: 331.52

Azimuth	Etheo	Estd	Eaug
0	697.04	732.19	732.19
5	704.54	740.06	740.06
10	699.54	734.81	734.81
15	682.09	716.50	716.50
20	652.46	685.40	685.40
25	611.15	642.04	642.04
30	558.98	587.31	587.31
35	497.26	522.55	522.55
40	427.82	449.69	449.69
45	353.08	371.33	371.33
50	276.13	290.69	290.69
55	200.53	211.60	211.60
60	130.23	138.34	138.34
65	69.20	75.62	75.88
70	21.11	30.49	53.86
75	11.11	23.97	42.37
80	25.61	34.08	50.42
85	21.97	31.16	46.41
90	1.30	20.98	21.76
95	33.82	41.23	41.23
100	79.54	86.11	86.11
105	131.19	139.34	157.75
110	183.79	194.11	194.11
115	232.59	245.11	245.11
120	273.58	288.02	288.02
125	303.85	319.72	319.72
130	321.78	338.52	338.52
135	327.09	344.08	347.30
140	320.69	337.37	337.37
145	304.43	320.34	327.87
150	280.83	295.61	301.14
155	252.74	266.20	272.51
160	223.06	235.14	235.84
165	194.52	205.32	205.32
170	169.52	179.23	179.23
175	149.99	158.88	158.88

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

Azimuth	Etheo	Estd	Eaug
180	137.35	145.73	145.73
185	132.49	140.68	140.68
190	135.74	144.06	144.06
195	146.87	155.63	155.63
200	165.12	174.64	174.64
205	189.17	199.73	199.73
210	217.18	228.99	228.99
215	246.84	260.02	260.80
220	275.48	290.01	291.62
225	300.21	315.91	316.32
230	318.15	334.72	338.10
235	326.70	343.67	343.67
240	323.84	340.67	340.67
245	308.45	324.55	324.55
250	280.56	295.33	295.33
255	241.52	254.46	254.46
260	193.99	204.77	204.79
265	141.79	150.35	150.37
270	89.56	96.34	96.34
275	42.26	49.07	49.07
280	4.68	21.51	48.28
285	19.14	29.02	43.10
290	26.32	34.67	48.49
295	15.46	26.49	42.94
300	13.32	25.18	50.24
305	58.44	64.84	65.71
310	117.16	124.79	124.79
315	185.92	196.34	196.34
320	260.78	274.61	274.61
325	337.76	355.27	355.27
330	413.20	434.37	434.37
335	483.92	508.55	508.55
340	547.36	575.10	575.10
345	601.55	631.97	631.97
350	645.11	677.69	677.69
355	677.13	711.29	711.29