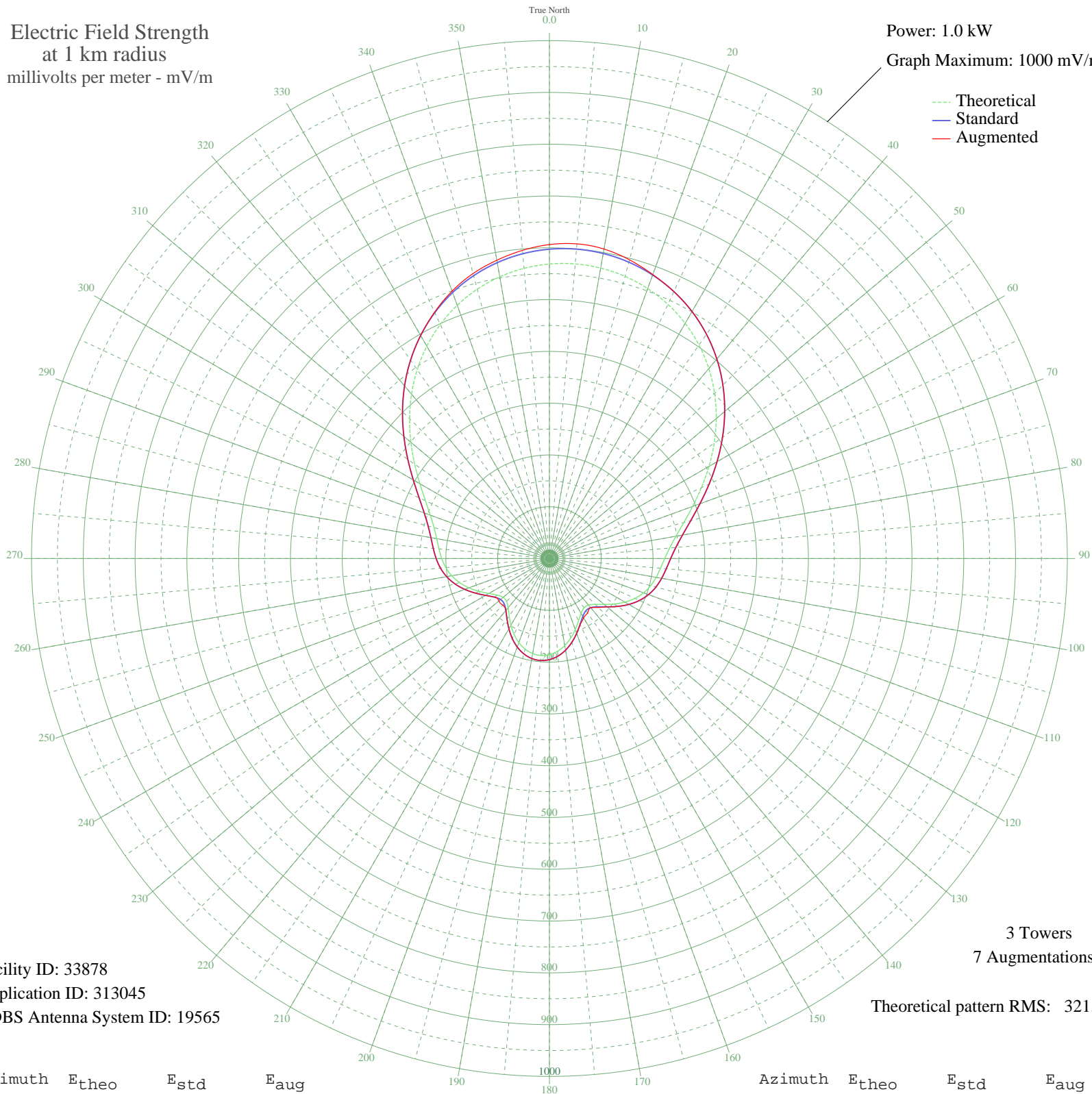


# WOAM PEORIA, IL BL-- 1350 kHz

Daytime

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: 19565

3 Towers  
7 Augmentations

Theoretical pattern RMS: 321.87

Azimuth	Etheo	Estd	Eaug
0	568.73	597.31	606.26
5	571.06	599.75	609.92
10	569.51	598.12	606.85
15	564.08	592.42	597.15
20	554.74	582.62	583.57
25	541.49	568.70	568.70
30	524.32	550.69	550.69
35	503.34	528.67	528.67
40	478.76	502.86	502.86
45	450.96	473.68	473.68
50	420.55	441.76	441.76
55	388.40	408.02	408.02
60	355.67	373.67	373.67
65	323.76	340.19	340.19
70	294.25	309.23	309.23
75	268.67	282.39	282.39
80	248.15	260.87	260.87
85	233.03	245.01	245.01
90	222.62	234.09	234.09
95	215.33	226.45	226.45
100	209.18	220.01	220.01
105	202.34	212.84	212.84
110	193.51	203.59	203.59
115	182.10	191.63	191.63
120	168.29	177.16	177.16
125	152.98	161.13	161.13
130	137.82	145.27	145.28
135	125.10	131.97	133.59
140	117.37	123.90	123.91
145	116.45	122.93	128.33
150	122.26	129.00	132.17
155	132.91	140.14	140.39
160	145.89	153.72	153.72
165	159.00	167.44	167.44
170	170.63	179.62	179.62
175	179.72	189.13	189.13

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	185.57	195.27	195.27
185	187.82	197.62	197.62
190	186.32	196.05	196.05
195	181.16	190.65	190.65
200	172.68	181.76	181.76
205	161.49	170.04	170.04
210	148.56	156.51	156.51
215	135.40	142.74	142.74
220	124.08	130.90	130.90
225	117.11	123.62	127.26
230	116.61	123.10	127.27
235	123.08	129.86	129.86
240	135.00	142.32	142.32
245	149.87	157.88	157.88
250	165.30	174.04	174.04
255	179.51	188.92	188.92
260	191.44	201.42	201.42
265	200.77	211.19	211.19
270	207.92	218.69	218.69
275	214.07	225.14	225.14
280	220.97	232.37	232.37
285	230.61	242.48	242.48
290	244.70	257.25	257.25
295	264.14	277.64	277.64
300	288.78	303.49	303.49
305	317.62	333.74	333.74
310	349.17	366.85	366.85
315	381.86	401.15	401.15
320	414.23	435.12	435.12
325	445.06	467.49	467.49
330	473.44	497.28	497.29
335	498.71	523.80	524.84
340	520.43	546.60	549.53
345	538.37	565.43	569.72
350	552.41	580.17	584.84
355	562.52	590.79	597.34