

WKZN WEST HAZLETON, PA BL-19830923AA 1300 kHz

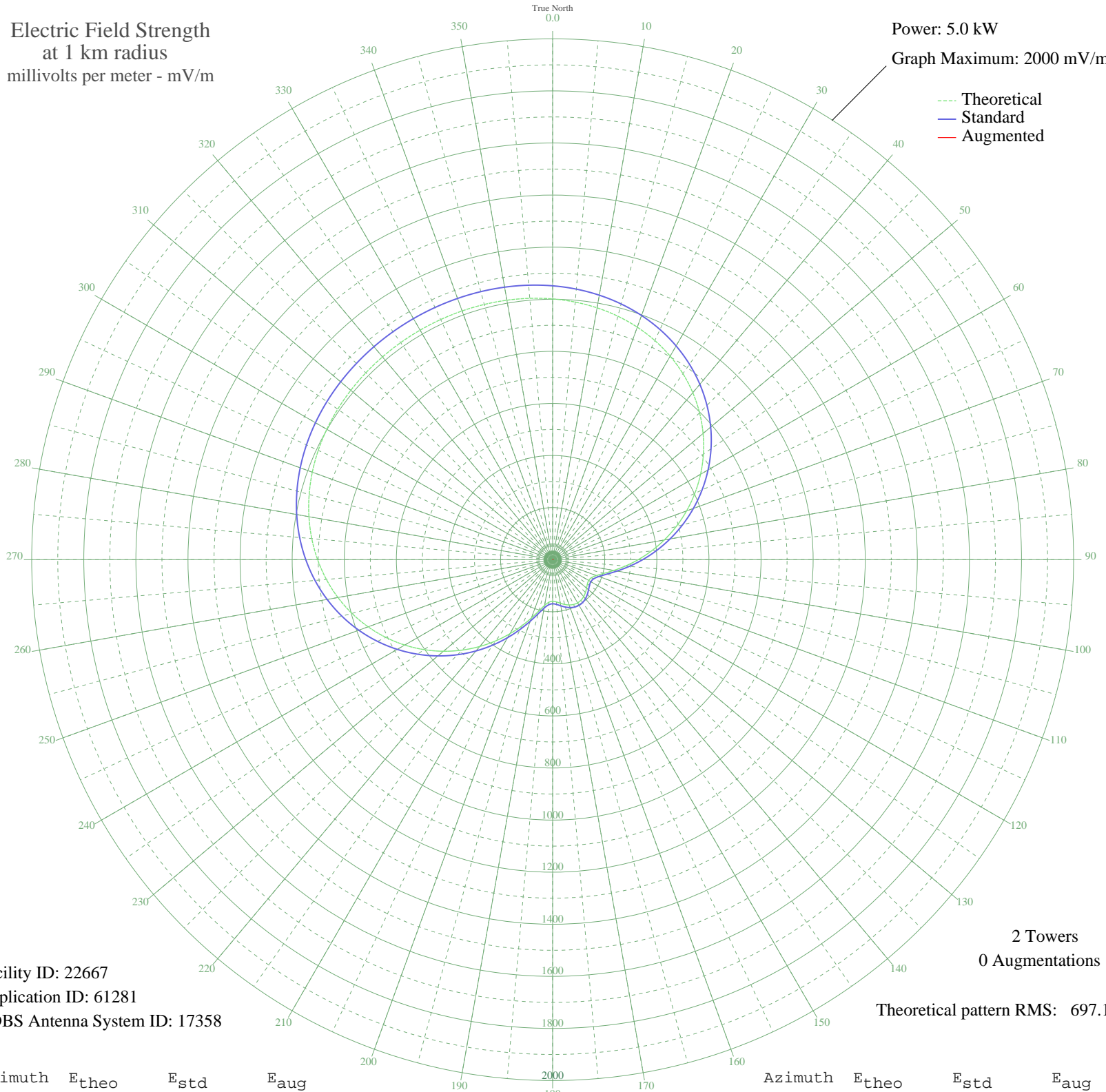
Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 22667  
Application ID: 61281  
CDBS Antenna System ID: 17358

2 Towers  
0 Augmentations

Theoretical pattern RMS: 697.16

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1001.22	1051.54	
5	992.90	1042.81	
10	981.90	1031.27	
15	967.76	1016.42	
20	950.03	997.80	
25	928.33	975.03	
30	902.36	947.77	
35	871.94	915.84	
40	836.99	879.15	
45	797.59	837.80	
50	753.96	792.01	
55	706.50	742.19	
60	655.72	688.91	
65	602.33	632.88	
70	547.12	574.96	
75	491.03	516.11	
80	435.10	457.45	
85	380.48	400.19	
90	328.45	345.67	
95	280.47	295.43	
100	238.22	251.23	
105	203.60	215.06	
110	178.50	188.89	
115	164.07	173.87	
120	159.68	169.30	
125	162.75	172.49	
130	169.86	179.89	
135	178.02	188.39	
140	185.11	195.78	
145	189.82	200.69	
150	191.46	202.40	
155	189.82	200.69	
160	185.11	195.78	
165	178.02	188.39	
170	169.86	179.89	
175	162.75	172.49	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	159.68	169.30	
185	164.07	173.87	
190	178.50	188.89	
195	203.60	215.06	
200	238.22	251.23	
205	280.47	295.43	
210	328.45	345.67	
215	380.48	400.19	
220	435.10	457.45	
225	491.03	516.11	
230	547.12	574.96	
235	602.33	632.88	
240	655.72	688.91	
245	706.50	742.19	
250	753.96	792.01	
255	797.59	837.80	
260	836.99	879.15	
265	871.94	915.84	
270	902.36	947.77	
275	928.33	975.03	
280	950.03	997.80	
285	967.76	1016.42	
290	981.90	1031.27	
295	992.90	1042.81	
300	1001.22	1051.54	
305	1007.31	1057.93	
310	1011.61	1062.45	
315	1014.51	1065.50	
320	1016.34	1067.42	
325	1017.34	1068.47	
330	1017.66	1068.80	
335	1017.34	1068.47	
340	1016.34	1067.42	
345	1014.51	1065.50	
350	1011.61	1062.45	
355	1007.31	1057.93	

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