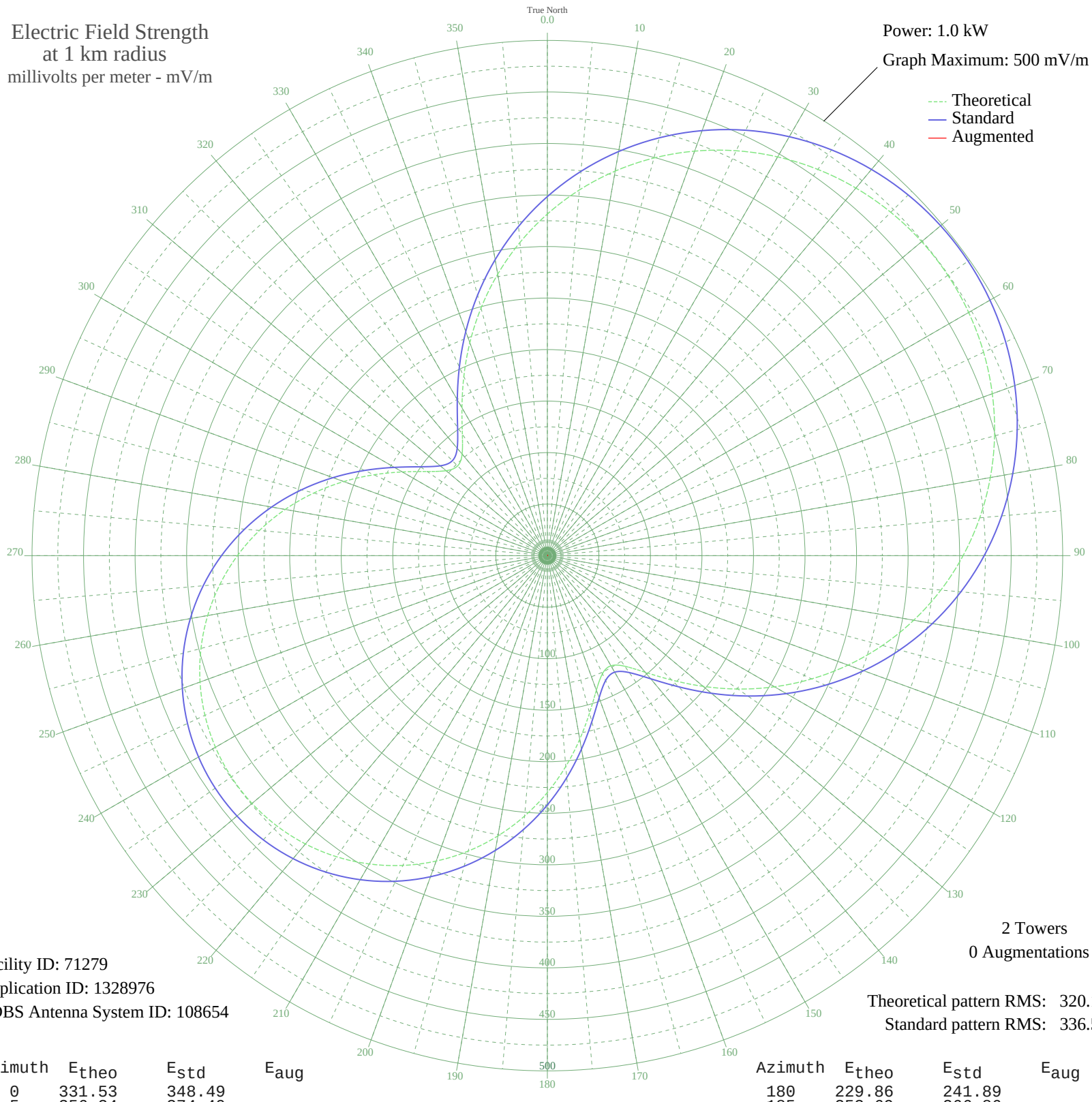
WCHE WEST CHESTER, PA BL-20090625ACZ 1520 kHz

Daytime



Facility ID: 71279
Application ID: 1328976
CDBS Antenna System ID: 108654

2 Towers
0 Augmentations

Theoretical pattern RMS: 320.14
Standard pattern RMS: 336.54

Azimuth	E_{theo}	E_{std}	E_{aug}
0	331.53	348.49	
5	356.24	374.40	
10	378.97	398.25	
15	399.53	419.82	
20	417.76	438.95	
25	433.56	455.53	
30	446.85	469.47	
35	457.58	480.73	
40	465.72	489.27	
45	471.24	495.06	
50	474.13	498.10	
55	474.39	498.38	
60	472.03	495.89	
65	467.03	490.65	
70	459.42	482.66	
75	449.20	471.94	
80	436.42	458.53	
85	421.12	442.47	
90	403.37	423.84	
95	383.26	402.75	
100	360.95	379.34	
105	336.62	353.82	
110	310.53	326.45	
115	283.01	297.60	
120	254.51	267.72	
125	225.65	237.49	
130	197.30	207.79	
135	170.70	179.96	
140	147.74	155.96	
145	131.00	138.50	
150	123.38	130.55	
155	126.42	133.72	
160	138.98	146.82	
165	158.10	166.79	
170	180.91	190.65	
175	205.30	216.17	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	229.86	241.89	
185	253.69	266.86	
190	276.15	290.41	
195	296.84	312.10	
200	315.42	331.59	
205	331.69	348.65	
210	345.48	363.12	
215	356.69	374.87	
220	365.22	383.82	
225	371.03	389.91	
230	374.08	393.11	
235	374.36	393.41	
240	371.86	390.79	
245	366.60	385.27	
250	358.61	376.89	
255	347.94	365.69	
260	334.65	351.76	
265	318.87	335.20	
270	300.73	316.18	
275	280.45	294.91	
280	258.30	271.70	
285	234.71	246.97	
290	210.23	221.33	
295	185.72	195.67	
300	162.45	171.34	
305	142.38	150.37	
310	128.25	135.63	
315	123.13	130.29	
320	128.67	136.06	
325	143.80	151.85	
330	165.75	174.78	
335	191.79	202.02	
340	219.91	231.47	
345	248.74	261.68	
350	277.37	291.69	
355	305.12	320.79	

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