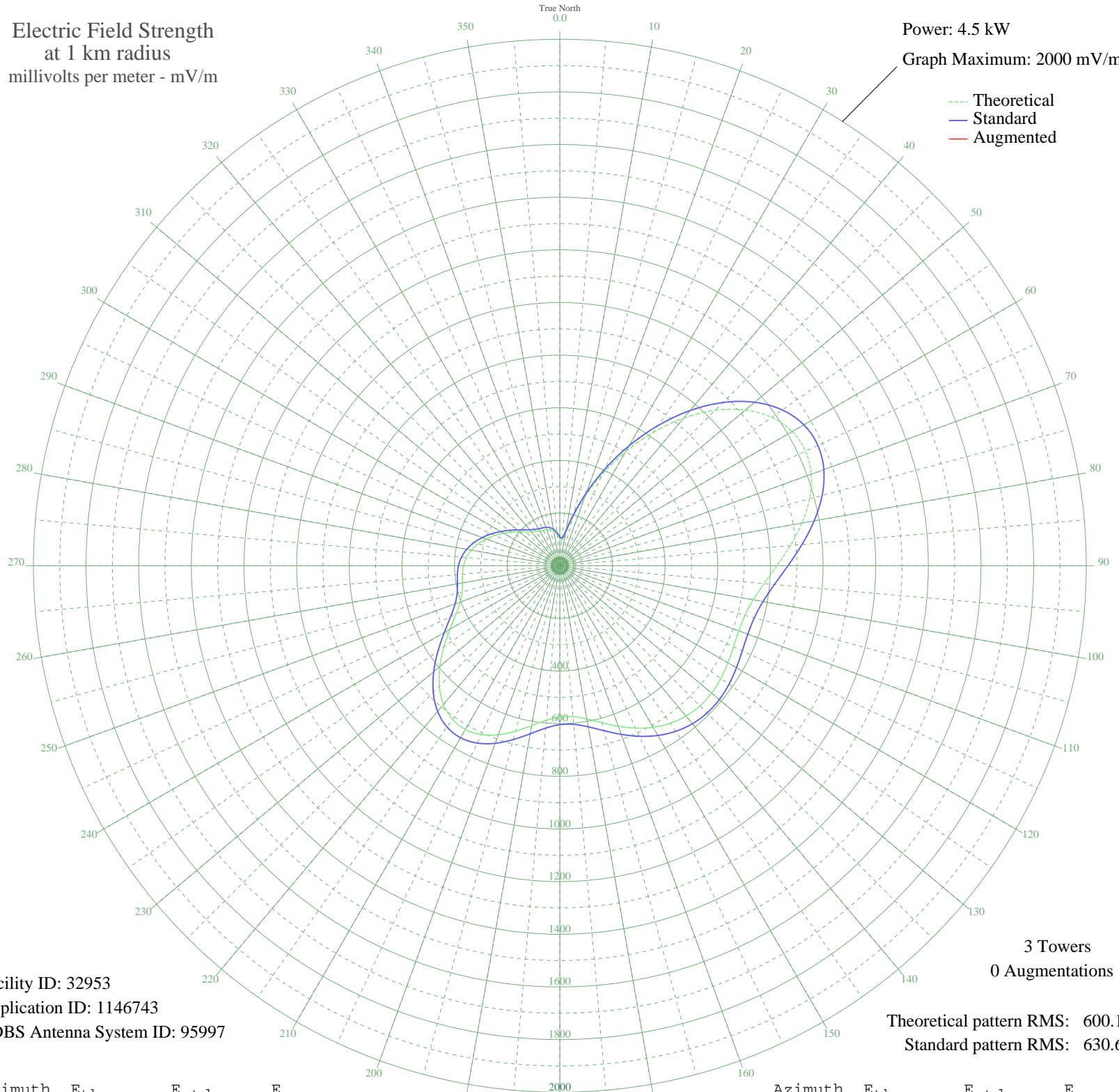


WDJO CINCINNATI, OH BL-20060411ACU 1480 kHz

Daytime

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

Power: 4.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 32953
Application ID: 1146743
CDBS Antenna System ID: 95997

3 Towers
0 Augmentations

Theoretical pattern RMS: 600.17
Standard pattern RMS: 630.69

Azimuth	E _{theo}	E _{std}	E _{aug}
0	102.23	110.25	
5	97.81	105.73	
10	126.62	135.31	
15	190.87	201.99	
20	279.83	294.90	
25	385.23	405.27	
30	500.34	525.96	
35	618.37	649.78	
40	732.21	769.24	
45	834.82	876.92	
50	919.83	966.15	
55	982.30	1031.72	
60	1019.22	1070.47	
65	1029.92	1081.71	
70	1016.22	1067.33	
75	982.25	1031.67	
80	934.08	981.10	
85	879.08	923.37	
90	825.05	866.67	
95	779.06	818.40	
100	746.10	783.81	
105	728.02	764.83	
110	723.30	759.88	
115	728.03	764.84	
120	737.37	774.65	
125	746.81	784.56	
130	752.81	790.86	
135	752.94	790.98	
140	745.78	783.47	
145	730.88	767.83	
150	708.64	744.50	
155	680.45	714.91	
160	648.79	681.70	
165	617.42	648.78	
170	591.25	621.32	
175	575.60	604.91	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	574.65	603.91	
185	589.42	619.40	
190	616.83	648.16	
195	650.62	683.61	
200	683.23	717.84	
205	707.59	743.40	
210	718.19	754.52	
215	711.74	747.75	
220	687.47	722.28	
225	647.21	680.03	
230	595.20	625.47	
235	537.68	565.12	
240	482.05	506.77	
245	435.44	457.91	
250	402.63	423.51	
255	383.99	403.98	
260	375.56	395.14	
265	371.32	390.69	
270	365.99	385.12	
275	356.37	375.03	
280	341.32	359.26	
285	321.27	338.27	
290	297.57	313.46	
295	271.97	286.68	
300	246.24	259.77	
305	221.92	234.37	
310	200.26	211.78	
315	182.17	192.93	
320	168.19	178.39	
325	158.44	168.25	
330	152.42	162.01	
335	148.90	158.35	
340	145.92	155.27	
345	141.12	150.30	
350	132.25	141.12	
355	118.27	126.71	

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