

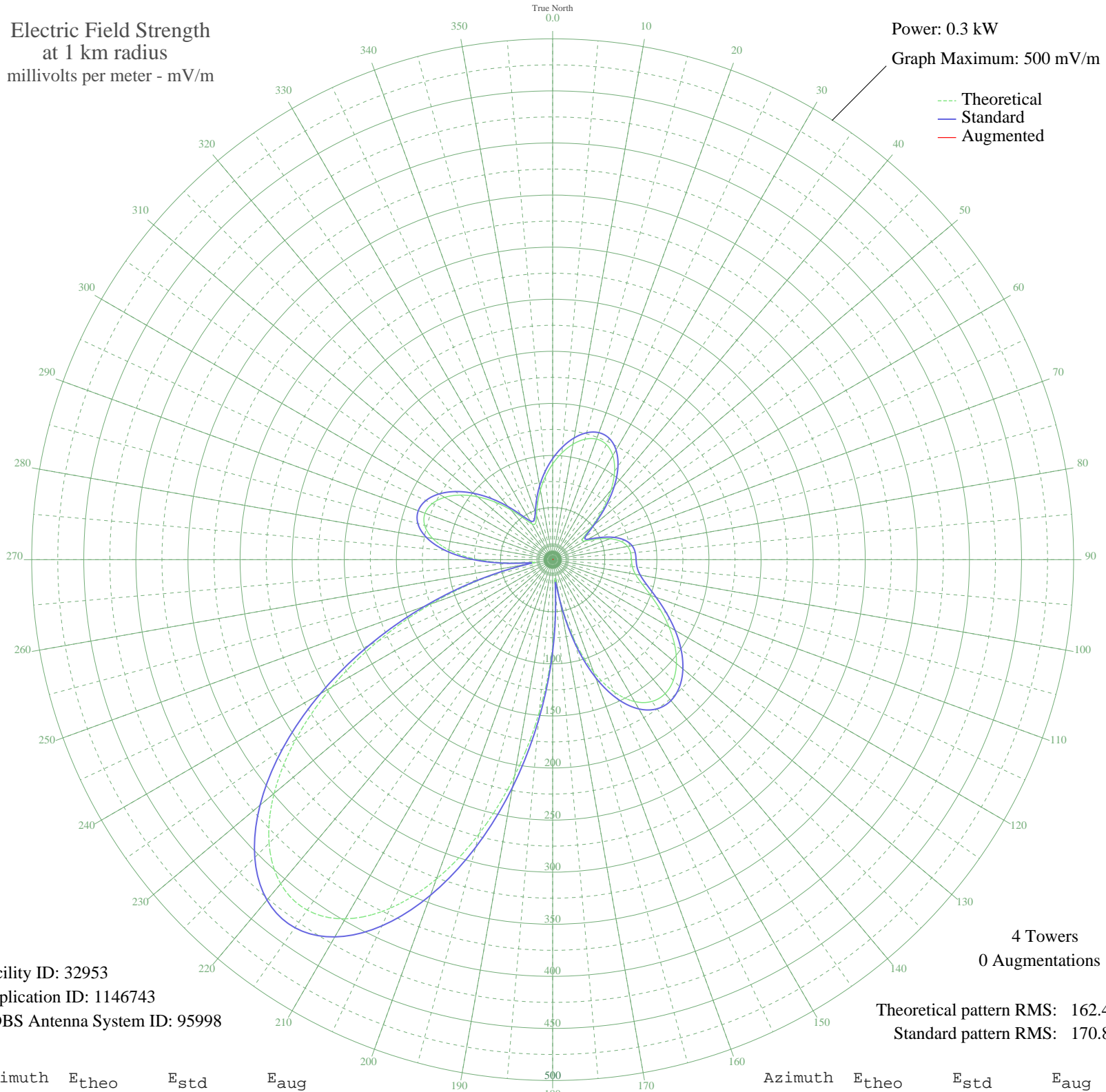
WDJO CINCINNATI, OH BL-20060411ACU 1480 kHz

Nighttime

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

Power: 0.3 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 32953
Application ID: 1146743
CDBS Antenna System ID: 95998

4 Towers
0 Augmentations

Theoretical pattern RMS: 162.44
Standard pattern RMS: 170.88

Azimuth	E _{theo}	E _{std}	E _{aug}
0	91.85	97.01	
5	102.95	108.61	
10	112.56	118.66	
15	119.68	126.10	
20	123.15	129.74	
25	121.96	128.49	
30	115.45	121.68	
35	103.58	109.27	
40	87.08	92.04	
45	67.62	71.77	
50	48.26	51.75	
55	35.10	38.32	
60	35.97	39.20	
65	46.88	50.33	
70	58.76	62.59	
75	67.76	71.92	
80	73.01	77.37	
85	75.10	79.55	
90	75.61	80.08	
95	76.76	81.28	
100	80.71	85.39	
105	88.61	93.63	
110	100.16	105.69	
115	114.11	120.27	
120	128.88	135.73	
125	142.99	150.51	
130	155.06	163.16	
135	163.80	172.31	
140	167.92	176.63	
145	166.15	174.77	
150	157.27	165.47	
155	140.22	147.60	
160	114.21	120.38	
165	79.07	83.69	
170	36.62	39.86	
175	28.09	31.31	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	83.60	88.41	
185	146.79	154.49	
190	211.09	221.89	
195	272.30	286.11	
200	326.31	342.79	
205	369.30	387.91	
210	398.13	418.16	
215	410.67	431.33	
220	406.10	426.53	
225	384.93	404.31	
230	348.99	366.59	
235	301.17	316.40	
240	245.09	257.56	
245	184.71	194.23	
250	123.96	130.58	
255	66.67	70.79	
260	20.33	23.79	
265	37.02	40.27	
270	71.56	75.86	
275	98.45	103.90	
280	116.83	123.12	
285	127.16	133.93	
290	130.35	137.27	
295	127.47	134.25	
300	119.66	126.08	
305	108.06	113.95	
310	93.84	99.09	
315	78.17	82.75	
320	62.45	66.41	
325	48.60	52.10	
330	39.62	42.91	
335	38.70	41.97	
340	45.34	48.75	
345	55.90	59.63	
350	67.82	71.98	
355	79.97	84.62	