

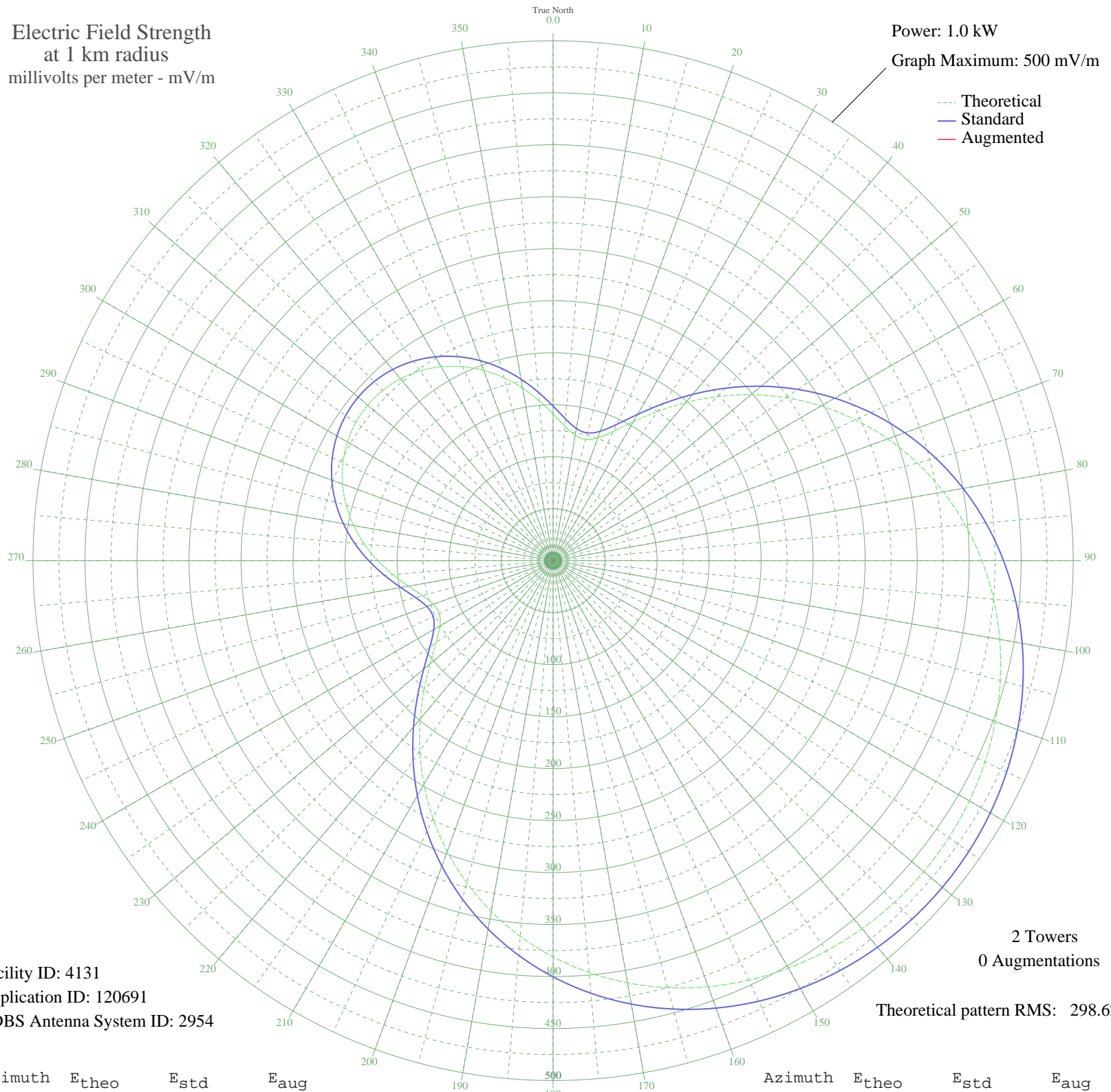
WKDI DENTON, MD BL-19881128AM 840 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 4131
Application ID: 120691
CDBS Antenna System ID: 2954

2 Towers
0 Augmentations

Theoretical pattern RMS: 298.62

Azimuth	E _{theo}	E _{std}	E _{aug}
0	141.20	148.65	
5	129.95	136.87	
10	122.52	129.09	
15	120.73	127.22	
20	125.70	132.43	
25	137.30	144.57	
30	154.32	162.40	
35	175.20	184.28	
40	198.54	208.75	
45	223.21	234.62	
50	248.35	260.99	
55	273.30	287.17	
60	297.55	312.61	
65	320.71	336.92	
70	342.48	359.76	
75	362.65	380.93	
80	381.06	400.26	
85	397.63	417.65	
90	412.31	433.06	
95	425.10	446.49	
100	436.03	457.95	
105	445.13	467.51	
110	452.47	475.21	
115	458.10	481.13	
120	462.08	485.30	
125	464.45	487.79	
130	465.24	488.62	
135	464.45	487.79	
140	462.08	485.30	
145	458.10	481.13	
150	452.47	475.21	
155	445.13	467.51	
160	436.03	457.95	
165	425.10	446.49	
170	412.31	433.06	
175	397.63	417.65	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	381.06	400.26	
185	362.65	380.93	
190	342.48	359.76	
195	320.71	336.92	
200	297.55	312.61	
205	273.30	287.17	
210	248.35	260.99	
215	223.21	234.62	
220	198.54	208.75	
225	175.20	184.28	
230	154.32	162.40	
235	137.30	144.57	
240	125.70	132.43	
245	120.73	127.22	
250	122.52	129.09	
255	129.95	136.87	
260	141.20	148.65	
265	154.49	162.57	
270	168.44	177.19	
275	182.06	191.46	
280	194.69	204.71	
285	205.88	216.45	
290	215.34	226.36	
295	222.86	234.25	
300	228.31	239.96	
305	231.60	243.42	
310	232.71	244.58	
315	231.60	243.42	
320	228.31	239.96	
325	222.86	234.25	
330	215.34	226.36	
335	205.88	216.45	
340	194.69	204.71	
345	182.06	191.46	
350	168.44	177.19	
355	154.49	162.57	

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.

15 Feb 2012

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