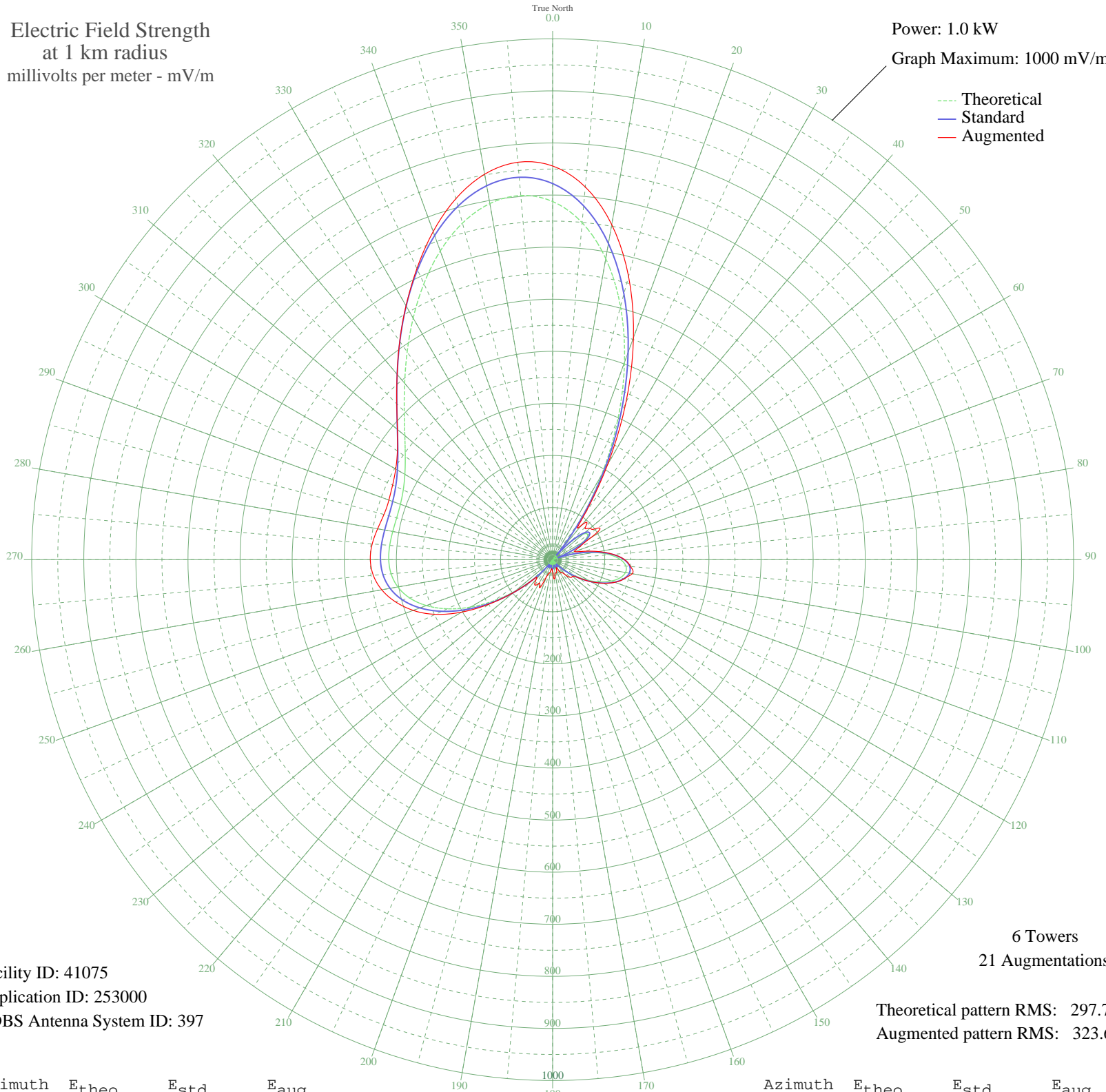


# WJMP KENT, OH BL-19970910KB 1520 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 41075  
Application ID: 253000  
CDBS Antenna System ID: 397

Theoretical pattern RMS: 297.73  
Augmented pattern RMS: 323.63

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	687.66	722.12	755.86
5	649.40	681.96	718.36
10	587.01	616.45	653.16
15	503.15	528.42	562.98
20	403.29	423.59	453.48
25	295.15	310.09	332.76
30	187.80	197.47	211.47
35	90.38	95.48	109.07
40	10.79	15.45	86.31
45	45.51	48.93	89.15
50	76.20	80.70	93.59
55	82.23	86.98	105.66
60	67.37	71.52	85.81
65	37.36	40.61	54.99
70	1.22	10.58	44.96
75	41.94	45.27	61.94
80	79.40	84.02	89.42
85	109.67	115.63	116.56
90	130.49	137.42	138.17
95	141.10	148.52	149.92
100	141.93	149.40	155.12
105	134.30	141.41	142.27
110	119.99	126.43	127.13
115	101.03	106.60	107.06
120	79.44	84.07	84.26
125	57.17	60.94	60.95
130	35.98	39.21	49.81
135	17.41	21.08	48.28
140	2.70	10.87	38.01
145	7.31	13.01	30.58
150	12.24	16.60	25.66
155	12.29	16.63	16.63
160	8.29	13.64	21.95
165	1.69	10.65	26.55
170	5.62	12.05	26.18
175	11.63	16.11	37.74

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

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	14.57	18.55	24.27
185	13.40	17.55	17.55
190	8.19	13.57	22.44
195	0.32	10.51	27.36
200	7.66	13.23	35.06
205	12.44	16.76	59.53
210	10.64	15.33	51.84
215	0.42	10.51	59.55
220	22.04	25.41	48.62
225	53.76	57.42	57.42
230	93.43	98.66	98.66
235	137.58	144.84	148.69
240	182.15	191.55	201.38
245	223.26	234.66	248.32
250	257.86	270.96	284.86
255	284.14	298.53	312.52
260	301.69	316.94	333.11
265	311.28	327.01	345.57
270	314.63	330.53	350.06
275	313.95	329.81	347.67
280	311.63	327.38	341.17
285	309.98	325.65	335.22
290	311.02	326.74	334.50
295	316.44	332.43	338.95
300	327.57	344.11	347.82
305	345.38	362.80	363.83
310	370.42	389.08	389.08
315	402.79	423.06	423.15
320	442.01	464.23	464.51
325	486.92	511.37	511.80
330	535.47	562.34	562.80
335	584.70	614.02	616.63
340	630.73	662.35	670.39
345	668.92	702.44	717.59
350	694.24	729.03	751.52
355	701.82	736.98	765.94