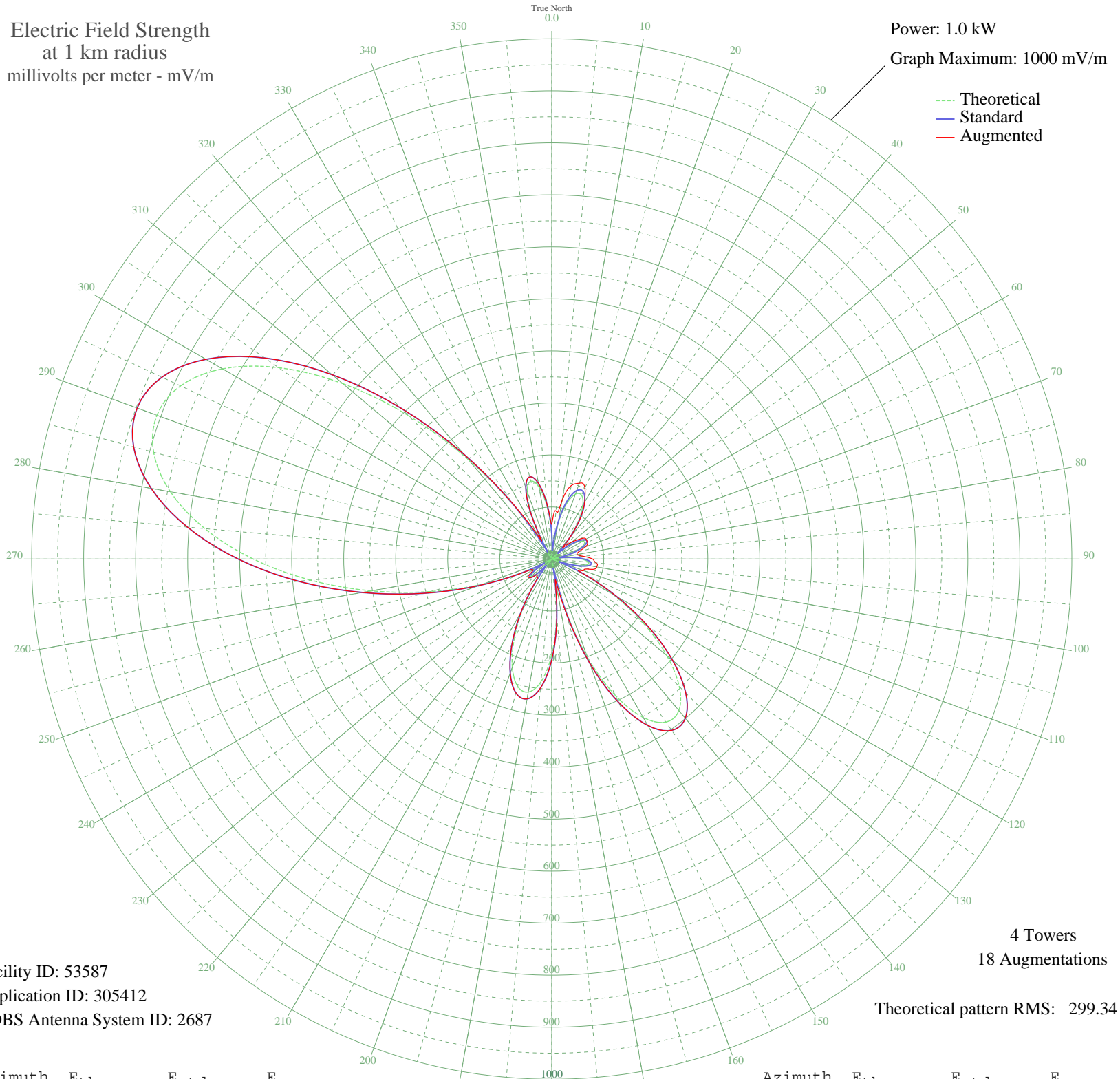


WKRD LOUISVILLE, KY BL-- 790 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 53587
Application ID: 305412
CDBS Antenna System ID: 2687

4 Towers
18 Augmentations
Theoretical pattern RMS: 299.34

Azimuth	E _{theo}	E _{std}	E _{aug}
0	44.97	49.62	66.25
5	14.72	21.72	92.75
10	69.00	74.03	114.14
15	109.96	116.46	146.52
20	132.66	140.13	155.10
25	135.44	143.02	150.95
30	119.75	126.66	126.66
35	89.62	95.33	95.33
40	50.80	55.48	55.48
45	9.80	18.40	31.59
50	27.09	32.27	51.66
55	54.59	59.31	67.40
60	69.11	74.15	76.29
65	69.14	74.19	75.86
70	55.42	60.16	69.57
75	30.78	35.74	53.73
80	0.16	15.25	49.58
85	31.59	36.51	60.43
90	57.15	61.91	78.39
95	70.75	75.84	85.83
100	67.43	72.42	87.74
105	44.10	48.76	76.35
110	0.27	15.26	65.34
115	61.62	66.47	66.47
120	136.09	143.70	143.70
125	215.04	226.31	226.31
130	288.67	303.49	303.49
135	346.76	364.41	364.41
140	380.22	399.52	399.52
145	382.68	402.10	402.10
150	351.63	369.53	369.53
155	289.12	303.96	303.96
160	201.54	212.17	212.17
165	98.74	104.79	108.14
170	7.50	17.17	40.55
175	105.23	111.54	111.54

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	184.12	193.92	193.92
185	236.80	249.11	249.11
190	259.74	273.15	273.15
195	253.36	266.46	266.46
200	221.72	233.31	233.31
205	171.68	180.91	180.91
210	111.85	118.43	118.43
215	51.47	56.16	58.00
220	0.59	15.27	45.17
225	36.72	41.46	43.93
230	51.19	55.87	55.87
235	40.53	45.21	53.25
240	3.65	15.73	41.62
245	58.23	63.01	63.96
250	141.78	149.65	149.65
255	241.95	254.51	254.51
260	352.36	370.29	370.29
265	465.68	489.20	489.20
270	574.07	602.96	602.96
275	669.58	703.23	703.23
280	744.63	782.01	782.01
285	792.47	832.23	832.23
290	807.80	848.32	848.32
295	787.45	826.96	826.96
300	731.01	767.71	767.71
305	641.30	673.53	673.53
310	524.57	551.01	551.01
315	390.21	410.00	410.00
320	249.89	262.83	262.83
325	116.27	123.03	126.83
330	1.32	15.32	45.09
335	85.35	90.91	90.91
340	137.90	145.60	145.60
345	155.03	163.50	163.50
350	140.04	147.84	147.84
355	100.11	106.22	106.22