

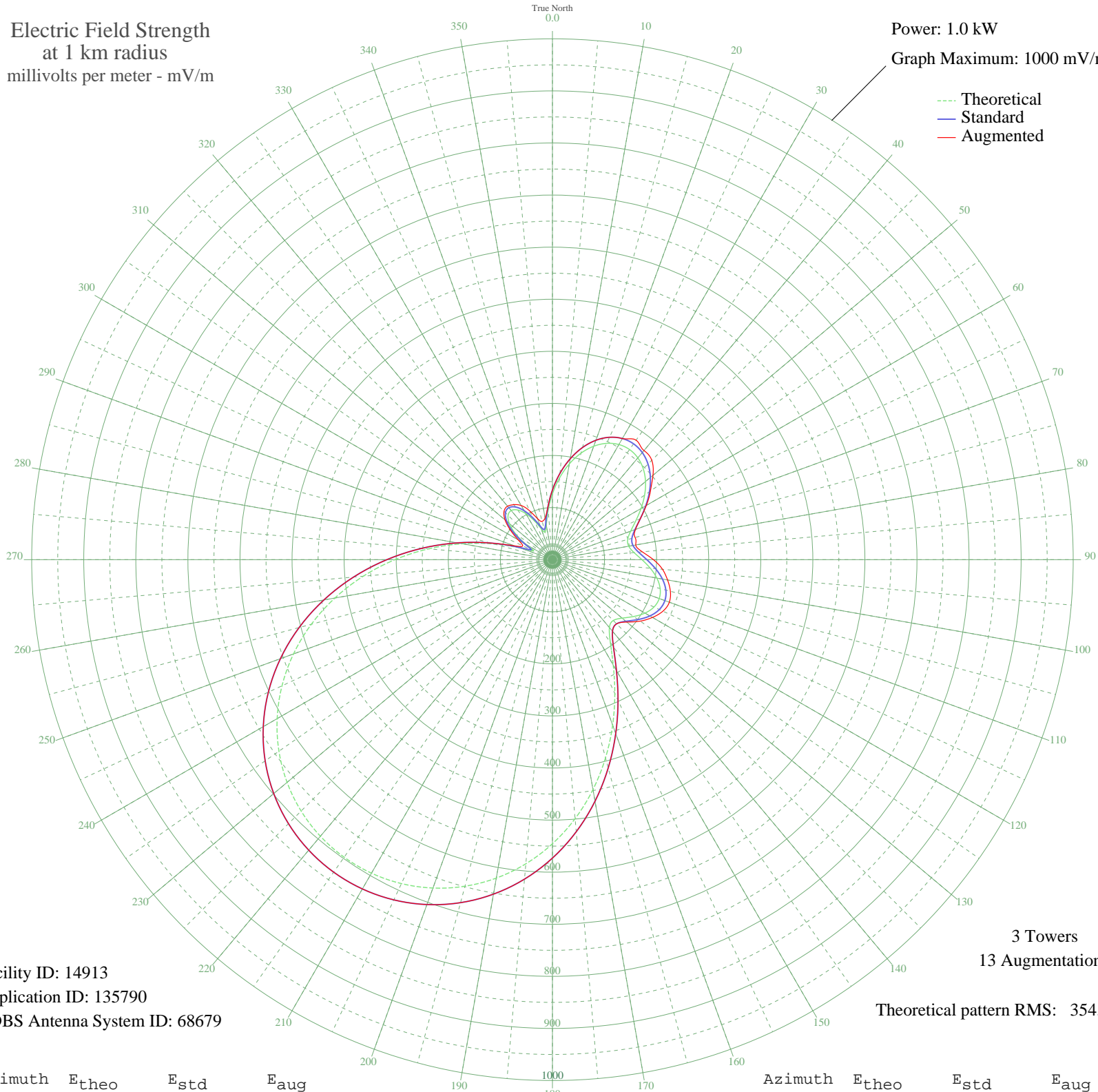
WDPN ALLIANCE, OH BL-19891127AC 1310 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 14913
Application ID: 135790
CDBS Antenna System ID: 68679

3 Towers
13 Augmentations

Theoretical pattern RMS: 354.06

Azimuth	E _{theo}	E _{std}	E _{aug}
0	126.33	133.69	133.69
5	157.75	166.47	166.47
10	186.66	196.70	196.70
15	211.65	222.85	222.85
20	231.77	243.93	243.93
25	246.42	259.27	259.27
30	255.24	268.52	268.52
35	258.12	271.54	280.17
40	255.16	268.43	273.45
45	246.68	259.55	269.81
50	233.30	245.53	252.03
55	216.03	227.44	229.70
60	196.39	206.88	208.12
65	176.61	186.19	186.19
70	159.80	168.62	169.64
75	149.59	157.95	164.37
80	148.74	157.06	162.41
85	157.17	165.87	173.10
90	171.85	181.21	193.91
95	188.59	198.72	212.17
100	203.62	214.45	224.47
105	214.12	225.44	234.47
110	218.23	229.75	238.92
115	215.13	226.51	234.08
120	205.19	216.09	221.81
125	190.30	200.50	205.79
130	174.62	184.10	186.41
135	165.13	174.19	174.19
140	170.13	179.42	179.42
145	193.86	204.23	204.23
150	233.53	245.77	245.77
155	283.31	297.94	297.94
160	338.01	355.31	355.31
165	393.87	413.90	413.90
170	448.21	470.92	470.92
175	499.17	524.39	524.39

Azimuth	E _{theo}	E _{std}	E _{aug}
180	545.43	572.95	572.95
185	586.16	615.69	615.69
190	620.80	652.06	652.06
195	649.09	681.75	681.75
200	670.90	704.65	704.65
205	686.21	720.72	720.72
210	695.03	729.97	729.97
215	697.37	732.43	732.43
220	693.22	728.07	728.07
225	682.51	716.83	716.83
230	665.19	698.65	698.65
235	641.17	673.43	673.43
240	610.43	641.16	641.16
245	573.02	601.91	601.91
250	529.19	555.90	555.90
255	479.35	503.59	503.59
260	424.22	445.74	445.74
265	364.79	383.39	383.39
270	302.42	317.98	317.98
275	238.78	251.27	251.27
280	175.94	185.48	185.48
285	116.56	123.52	123.65
290	65.43	70.70	77.40
295	39.57	44.77	62.91
300	58.15	63.29	75.75
305	86.32	92.15	98.04
310	108.09	114.72	118.88
315	120.51	127.63	131.46
320	123.12	130.34	134.14
325	116.50	123.46	128.94
330	102.13	108.53	120.02
335	82.63	88.35	103.19
340	63.18	68.40	83.92
345	54.80	59.91	76.05
350	67.70	73.02	81.15
355	94.76	100.88	101.10

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

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