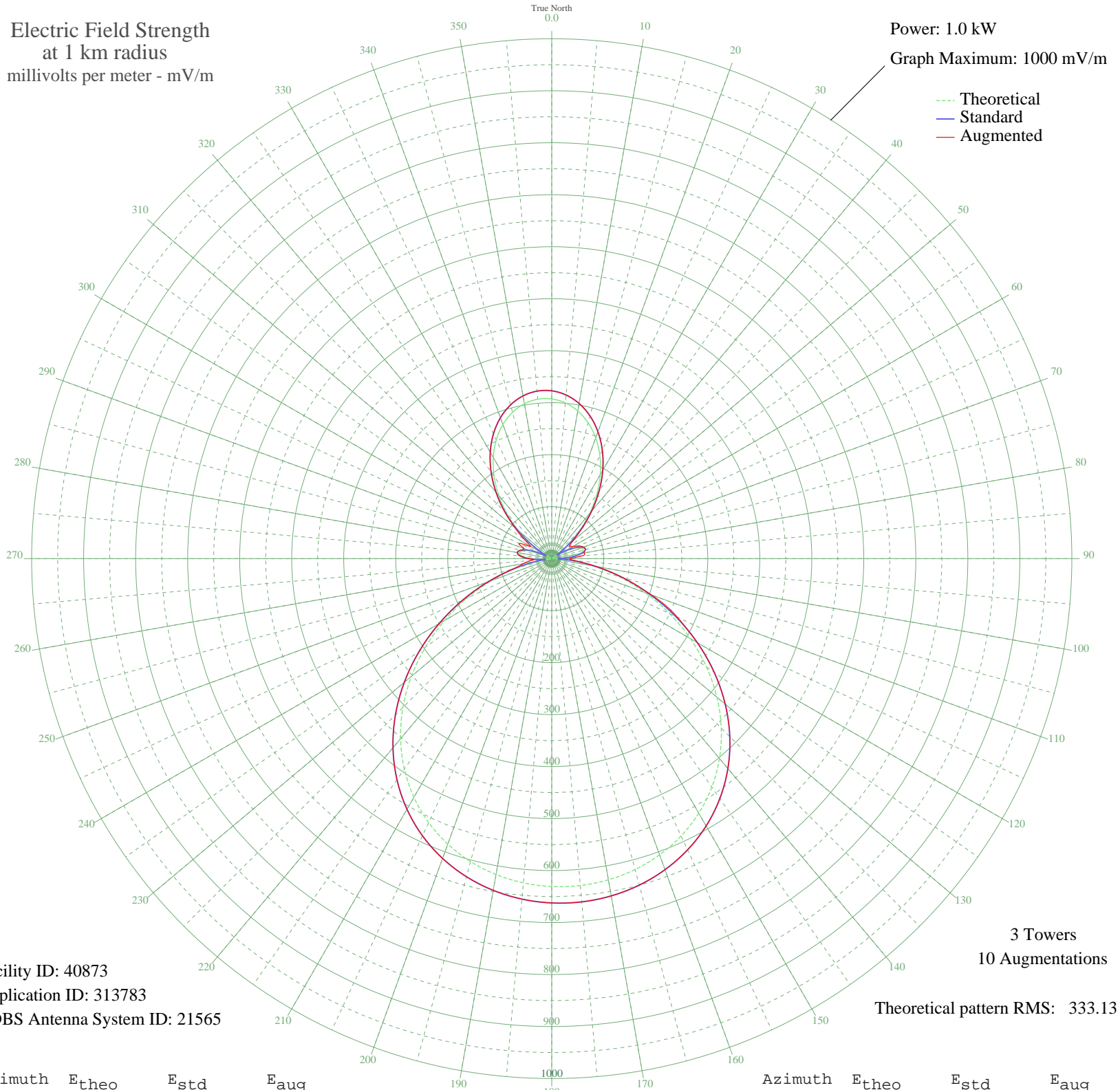


# WEIR WEIRTON, WV BL-- 1430 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 40873  
Application ID: 313783  
CDBS Antenna System ID: 21565

3 Towers  
10 Augmentations  
Theoretical pattern RMS: 333.13

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	307.22	322.80	322.80
5	300.73	315.98	315.98
10	288.40	303.05	303.05
15	270.42	284.19	284.19
20	247.09	259.71	259.71
25	218.88	230.12	230.12
30	186.46	196.13	196.13
35	150.77	158.74	158.74
40	113.03	119.27	119.38
45	74.75	79.36	82.29
50	37.66	41.26	53.39
55	3.71	12.39	41.23
60	25.12	28.88	46.91
65	46.89	50.62	57.50
70	59.88	63.97	65.12
75	62.77	66.95	66.95
80	54.75	58.68	63.10
85	35.62	39.21	57.57
90	5.84	13.27	34.42
95	33.53	37.12	45.71
100	80.87	85.73	85.73
105	134.18	141.38	141.38
110	191.23	201.13	203.88
115	249.76	262.51	266.50
120	307.66	323.25	323.25
125	363.07	381.40	381.40
130	414.52	435.41	435.41
135	460.96	484.15	484.15
140	501.71	526.93	526.93
145	536.51	563.46	563.46
150	565.37	593.75	593.75
155	588.51	618.04	618.04
160	606.28	636.70	636.70
165	619.08	650.14	650.14
170	627.25	658.72	658.72
175	631.06	662.72	662.72

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	630.64	662.27	662.27
185	625.97	657.38	657.38
190	616.90	647.85	647.85
195	603.14	633.40	633.40
200	584.32	613.65	613.65
205	560.06	588.18	588.18
210	530.03	556.66	556.66
215	494.03	518.87	518.87
220	452.11	474.86	474.86
225	404.61	425.00	425.00
230	352.26	370.06	370.06
235	296.22	311.25	311.25
240	238.04	250.22	250.22
245	179.63	188.98	188.98
250	123.15	129.84	129.84
255	70.86	75.33	77.60
260	24.96	28.73	55.76
265	12.60	17.71	38.73
270	40.33	43.95	43.95
275	57.25	61.25	61.25
280	63.05	67.24	67.24
285	58.05	62.08	62.08
290	43.19	46.85	56.87
295	19.86	23.95	69.14
300	10.15	15.88	46.72
305	44.89	48.58	64.37
310	82.37	87.28	92.25
315	120.68	127.25	128.75
320	158.11	166.44	166.44
325	193.24	203.24	203.24
330	224.88	236.42	236.42
335	252.17	265.04	265.04
340	274.46	288.42	288.42
345	291.32	306.12	306.12
350	302.50	317.84	317.84
355	307.82	323.42	323.42

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