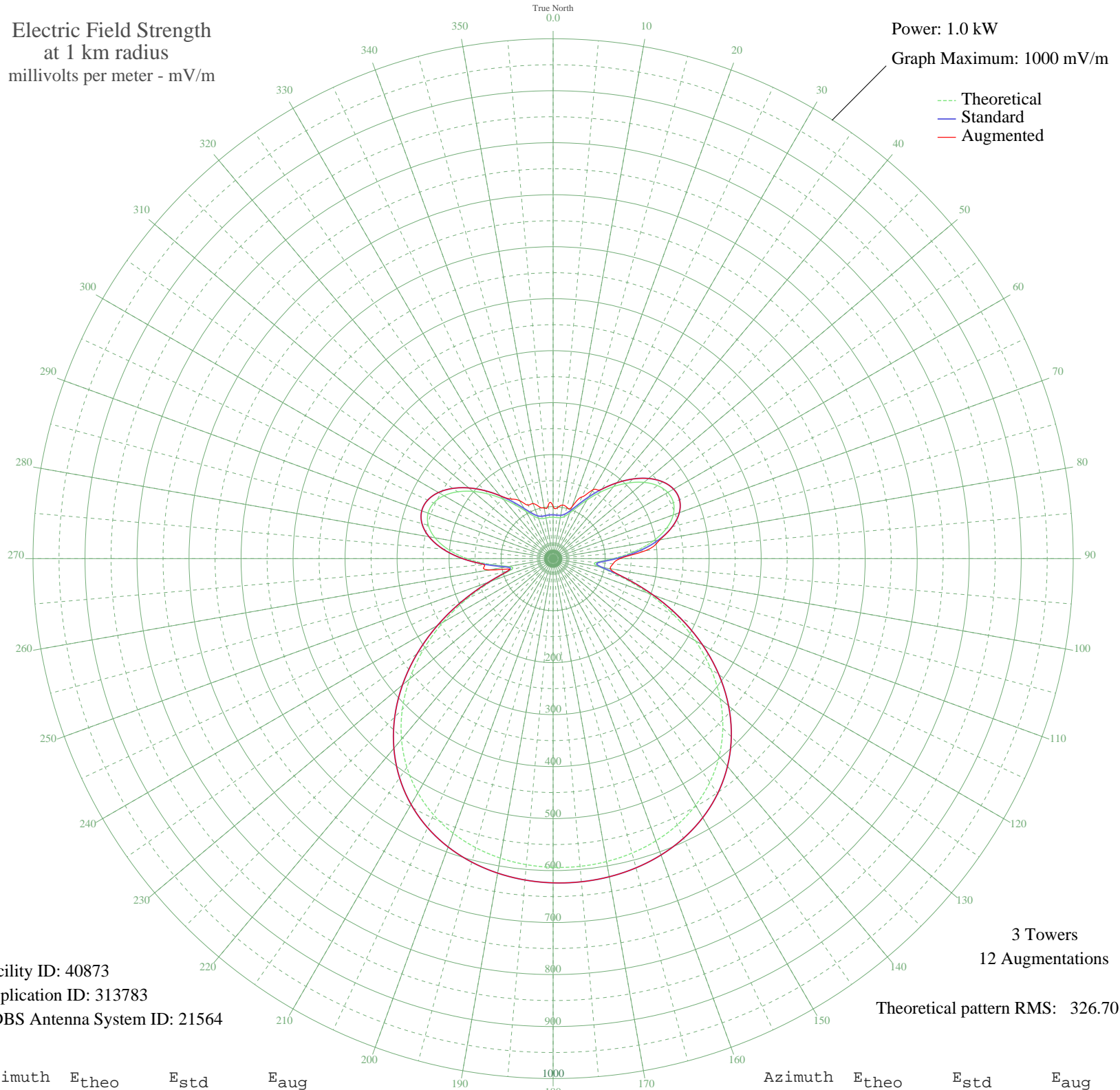


# WEIR WEIRTON, WV BL-- 1430 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 40873  
Application ID: 313783  
CDBS Antenna System ID: 21564

3 Towers  
12 Augmentations

Theoretical pattern RMS: 326.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	79.69	84.33	100.49
5	79.33	83.96	98.34
10	80.03	84.68	104.61
15	84.01	88.83	102.21
20	93.44	98.67	106.11
25	109.10	115.04	130.96
30	130.17	137.08	152.89
35	154.82	162.90	162.90
40	180.87	190.21	190.21
45	206.08	216.64	216.64
50	228.18	239.82	239.82
55	245.00	257.47	257.47
60	254.56	267.49	267.49
65	255.19	268.15	268.15
70	245.74	258.24	258.24
75	225.73	237.25	237.30
80	195.58	205.63	208.31
85	157.08	165.26	178.97
90	114.85	121.05	128.49
95	82.62	87.38	115.53
100	89.77	94.84	111.58
105	135.48	142.64	142.64
110	194.71	204.72	204.72
115	256.31	269.33	269.33
120	315.71	331.67	331.67
125	370.50	389.17	389.17
130	419.28	440.37	440.37
135	461.36	484.54	484.54
140	496.60	521.53	521.53
145	525.24	551.60	551.60
150	547.82	575.30	575.30
155	565.03	593.38	593.38
160	577.63	606.61	606.61
165	586.32	615.72	615.72
170	591.68	621.35	621.35
175	594.12	623.91	623.91

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	593.85	623.63	623.63
185	590.85	620.48	620.48
190	584.86	614.20	614.20
195	575.45	604.31	604.31
200	561.98	590.18	590.18
205	543.75	571.04	571.04
210	520.01	546.12	546.12
215	490.09	514.70	514.70
220	453.49	476.28	476.28
225	410.04	430.67	430.67
230	359.99	378.14	378.14
235	304.14	319.52	319.52
240	244.06	256.48	256.48
245	182.47	191.88	191.88
250	124.66	131.32	131.32
255	84.36	89.19	89.19
260	86.94	91.89	125.73
265	123.17	129.75	132.71
270	165.29	173.87	173.87
275	202.36	212.74	212.74
280	230.57	242.33	242.33
285	248.47	261.10	261.10
290	255.84	268.84	268.84
295	253.31	266.19	266.19
300	242.16	254.48	254.48
305	224.11	235.55	235.55
310	201.21	211.54	211.54
315	175.66	184.74	184.74
320	149.70	157.54	157.54
325	125.60	132.30	140.01
330	105.49	111.26	128.75
335	91.05	96.18	113.56
340	82.84	87.61	112.65
345	79.70	84.35	103.31
350	79.38	84.01	98.98
355	79.74	84.39	103.97

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission