

WDMV WALKERSVILLE, MD BL-19950921AC 700 kHz

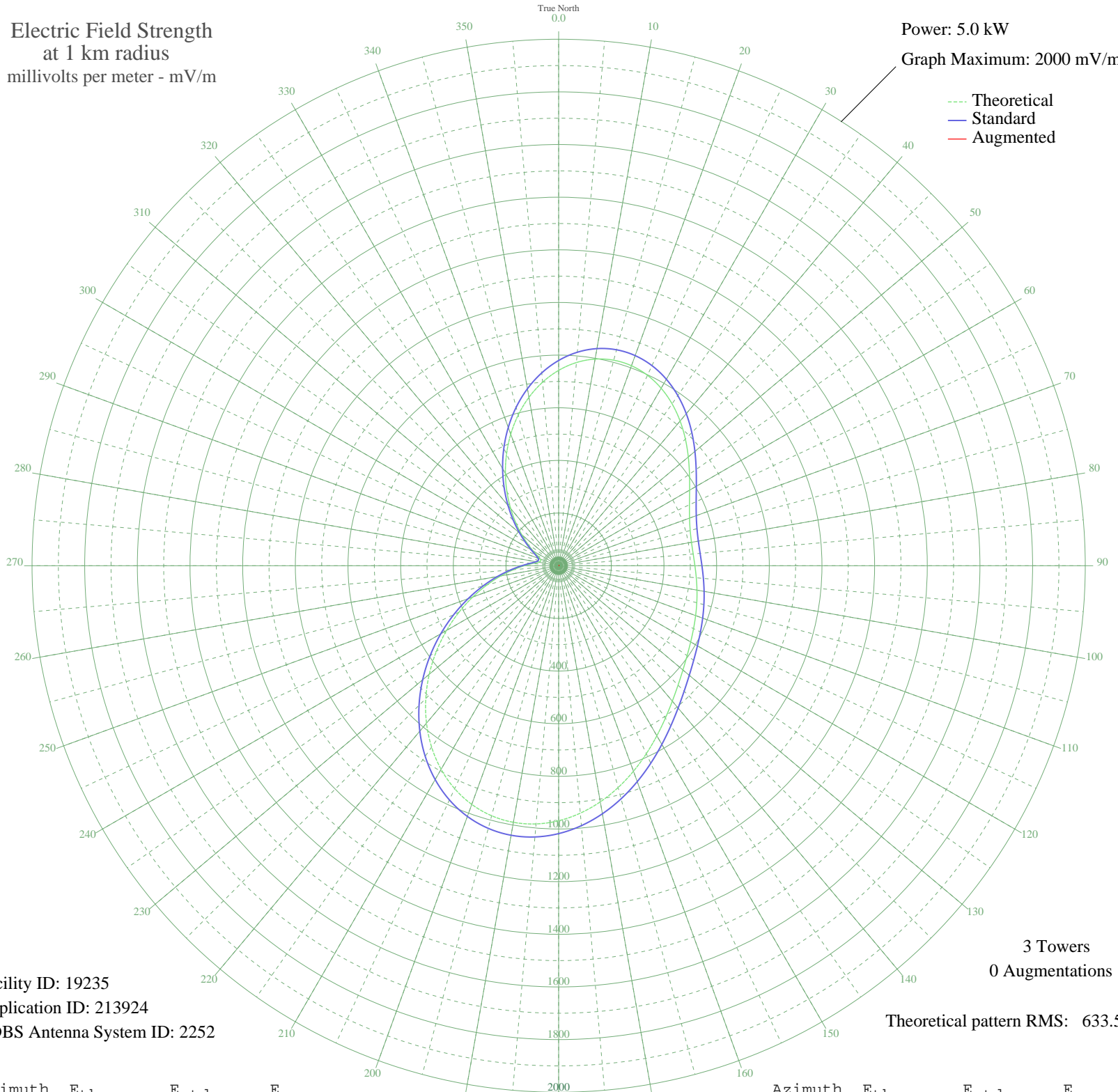
Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 19235
Application ID: 213924
CDBS Antenna System ID: 2252

3 Towers
0 Augmentations

Theoretical pattern RMS: 633.53

Azimuth	E _{theo}	E _{std}	E _{aug}
0	742.10	779.77	
5	774.84	814.12	
10	797.10	837.48	
15	808.34	849.27	
20	808.55	849.49	
25	798.27	838.70	
30	778.55	818.02	
35	750.99	789.09	
40	717.57	754.03	
45	680.65	715.29	
50	642.78	675.57	
55	606.55	637.56	
60	574.34	603.79	
65	548.09	576.25	
70	528.96	556.19	
75	517.23	543.89	
80	512.29	538.71	
85	512.88	539.34	
90	517.50	544.18	
95	524.72	551.75	
100	533.46	560.92	
105	543.12	571.04	
110	553.61	582.04	
115	565.30	594.31	
120	578.97	608.64	
125	595.57	626.05	
130	616.09	647.57	
135	641.31	674.02	
140	671.58	705.78	
145	706.72	742.64	
150	745.92	783.78	
155	787.85	827.77	
160	830.72	872.75	
165	872.43	916.52	
170	910.77	956.77	
175	943.56	991.18	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	968.75	1017.62	
185	984.60	1034.25	
190	989.75	1039.66	
195	983.28	1032.87	
200	964.81	1013.48	
205	934.46	981.63	
210	892.87	937.98	
215	841.15	883.70	
220	780.78	820.35	
225	713.58	749.84	
230	641.55	674.28	
235	566.82	595.89	
240	491.51	516.93	
245	417.66	439.54	
250	347.20	365.76	
255	281.83	297.39	
260	223.05	236.06	
265	172.16	183.17	
270	130.30	139.97	
275	98.57	107.64	
280	78.19	87.26	
285	70.11	79.33	
290	73.89	83.03	
295	87.92	96.94	
300	111.00	120.24	
305	142.63	152.65	
310	182.44	193.83	
315	229.72	243.02	
320	283.44	299.08	
325	342.23	360.56	
330	404.47	425.73	
335	468.33	492.64	
340	531.83	559.21	
345	592.93	623.28	
350	649.59	682.70	
355	699.88	735.47	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission