

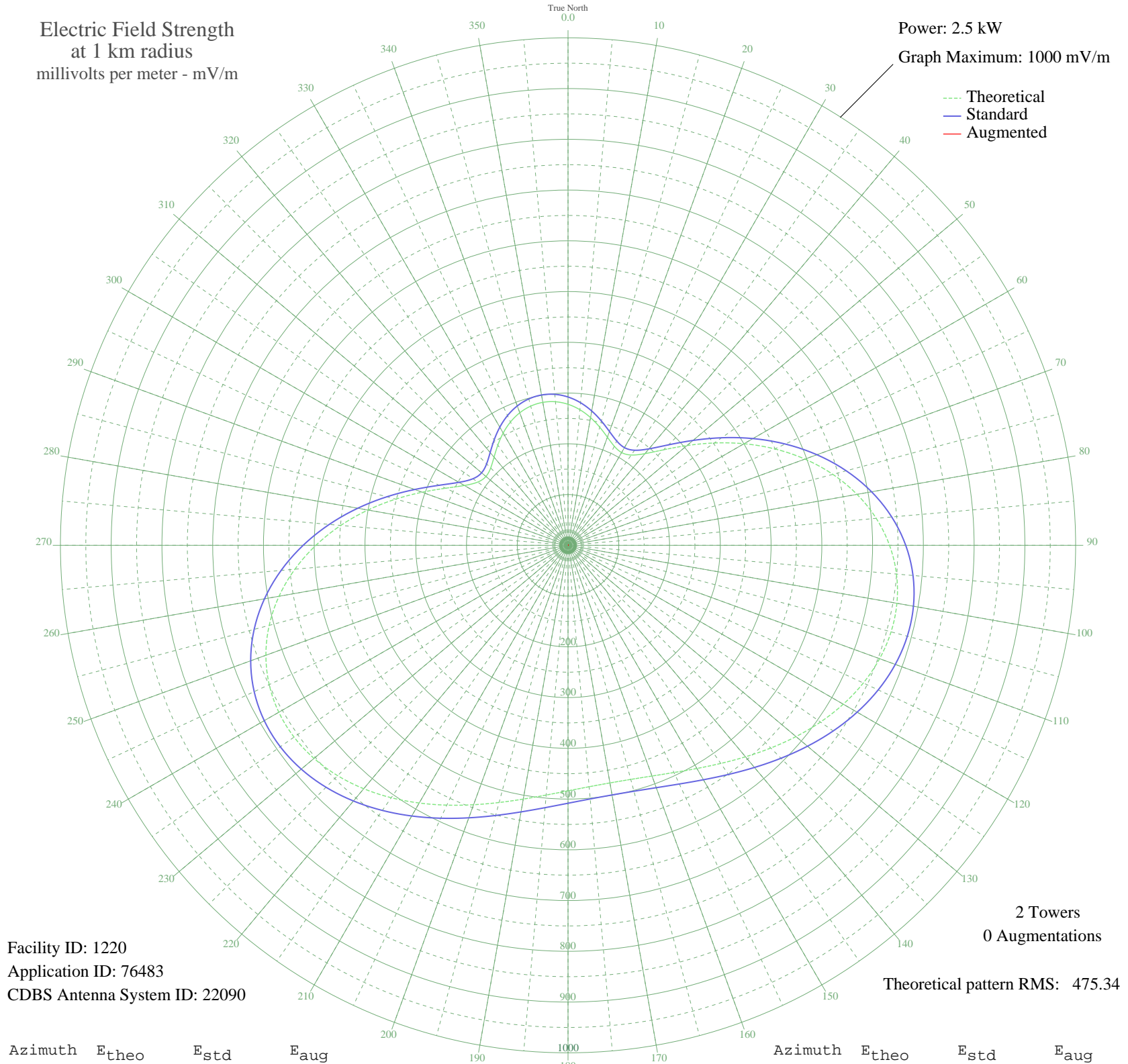
WMMW MERIDEN, CT BL-19850227AA 1470 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 1220  
Application ID: 76483  
CDBS Antenna System ID: 22090

2 Towers  
0 Augmentations

Theoretical pattern RMS: 475.34

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	277.91	292.28	
5	268.19	282.09	
10	255.50	268.79	
15	241.04	253.63	
20	226.73	238.65	
25	215.49	226.87	
30	211.08	222.26	
35	217.19	228.65	
40	235.78	248.13	
45	266.18	279.98	
50	305.82	321.54	
55	351.54	369.49	
60	400.31	420.66	
65	449.47	472.24	
70	496.73	521.83	
75	540.13	567.38	
80	578.12	607.25	
85	609.48	640.17	
90	633.41	665.29	
95	649.55	682.23	
100	657.90	691.00	
105	658.88	692.02	
110	653.22	686.08	
115	641.91	674.21	
120	626.13	657.64	
125	607.17	637.74	
130	586.33	615.87	
135	564.88	593.35	
140	543.98	571.42	
145	524.66	551.14	
150	507.76	533.41	
155	493.97	518.93	
160	483.78	508.24	
165	477.53	501.68	
170	475.43	499.48	
175	477.53	501.68	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	483.78	508.24	
185	493.97	518.93	
190	507.76	533.41	
195	524.66	551.14	
200	543.98	571.42	
205	564.88	593.35	
210	586.33	615.87	
215	607.17	637.74	
220	626.13	657.64	
225	641.91	674.21	
230	653.22	686.08	
235	658.88	692.02	
240	657.90	691.00	
245	649.55	682.23	
250	633.41	665.29	
255	609.48	640.17	
260	578.12	607.25	
265	540.13	567.38	
270	496.73	521.83	
275	449.47	472.24	
280	400.31	420.66	
285	351.54	369.49	
290	305.82	321.54	
295	266.18	279.98	
300	235.78	248.13	
305	217.19	228.65	
310	211.08	222.26	
315	215.49	226.87	
320	226.73	238.65	
325	241.04	253.63	
330	255.50	268.79	
335	268.19	282.09	
340	277.91	292.28	
345	283.97	298.63	
350	286.03	300.79	
355	283.97	298.63	