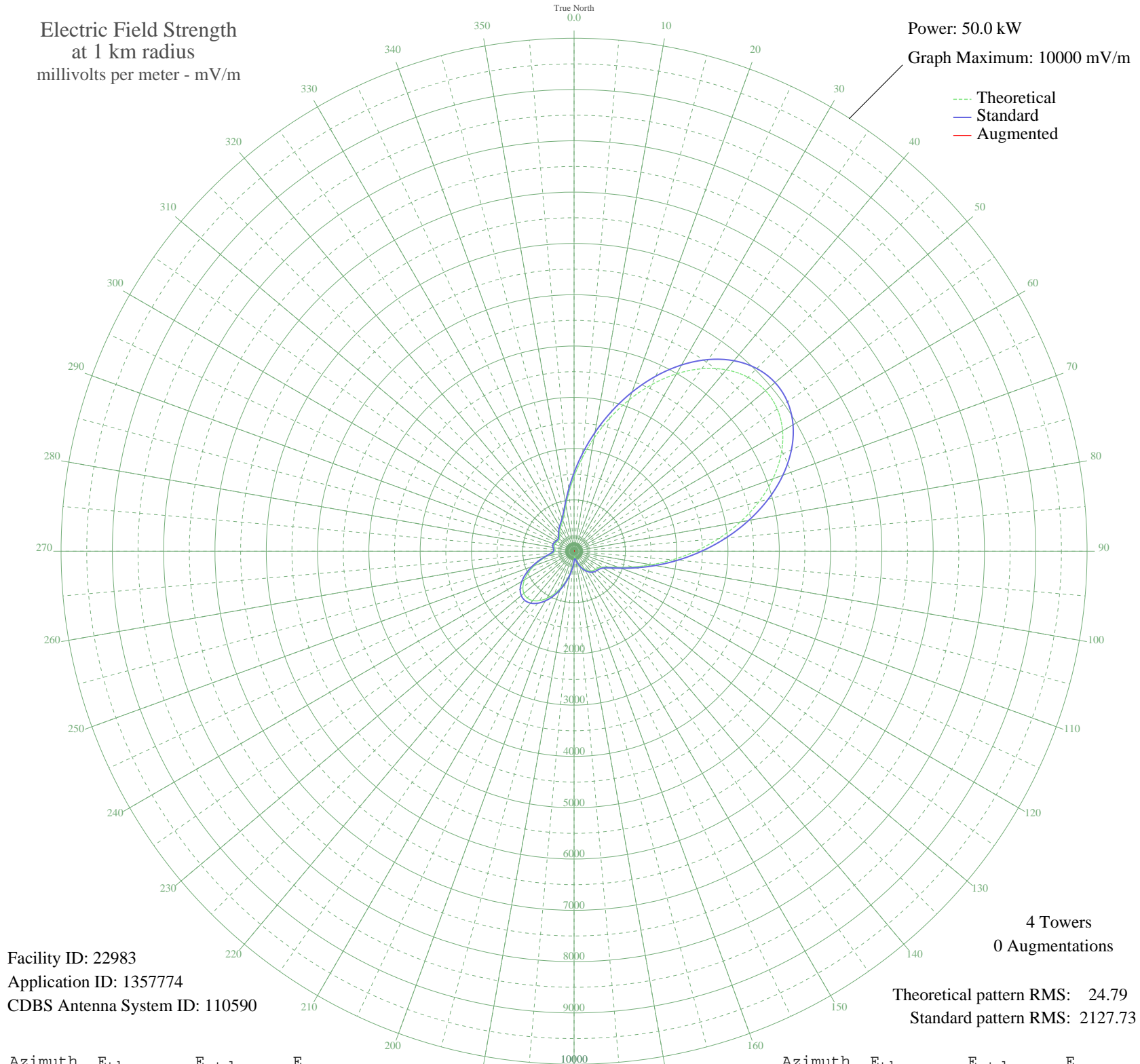


WAZX SMYRNA, GA BMML-20100210ABW 1550 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 22983
Application ID: 1357774
CDBS Antenna System ID: 110590

4 Towers
0 Augmentations

Theoretical pattern RMS: 24.79
Standard pattern RMS: 2127.73

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1455.87	1531.03	
5	1823.42	1916.49	
10	2238.81	2352.30	
15	2684.56	2820.07	
20	3140.35	3298.47	
25	3583.93	3764.08	
30	3992.25	4192.73	
35	4343.00	4560.94	
40	4616.12	4847.68	
45	4795.49	5035.98	
50	4870.18	5114.40	
55	4835.46	5077.95	
60	4693.17	4928.56	
65	4451.56	4674.91	
70	4124.58	4331.64	
75	3730.65	3918.11	
80	3291.21	3456.82	
85	2829.07	2971.74	
90	2366.93	2486.74	
95	1926.23	2024.33	
100	1526.32	1604.90	
105	1184.32	1246.44	
110	914.73	964.23	
115	727.25	768.34	
120	619.52	656.04	
125	570.48	605.02	
130	548.83	582.52	
135	529.84	562.80	
140	501.11	533.01	
145	459.31	489.73	
150	405.72	434.42	
155	343.21	370.28	
160	274.51	300.54	
165	202.20	228.73	
170	133.69	164.16	
175	107.81	141.63	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	175.07	202.57	
185	294.24	320.47	
190	438.00	467.71	
195	596.05	631.61	
200	759.40	801.90	
205	917.86	967.51	
210	1060.34	1116.61	
215	1175.83	1237.55	
220	1254.65	1320.13	
225	1289.67	1356.83	
230	1277.28	1343.84	
235	1218.01	1281.74	
240	1116.77	1175.69	
245	982.66	1035.29	
250	828.54	874.12	
255	670.68	709.34	
260	528.66	561.58	
265	424.43	453.70	
270	374.20	402.02	
275	371.29	399.03	
280	388.49	416.70	
285	402.35	430.96	
290	402.88	431.50	
295	390.80	419.08	
300	374.05	401.87	
305	364.36	391.93	
310	371.89	399.65	
315	398.91	427.41	
320	439.28	469.03	
325	484.48	515.78	
330	529.92	562.89	
335	578.97	613.84	
340	645.14	682.72	
345	749.99	792.08	
350	914.55	964.04	
355	1150.01	1210.51	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission