

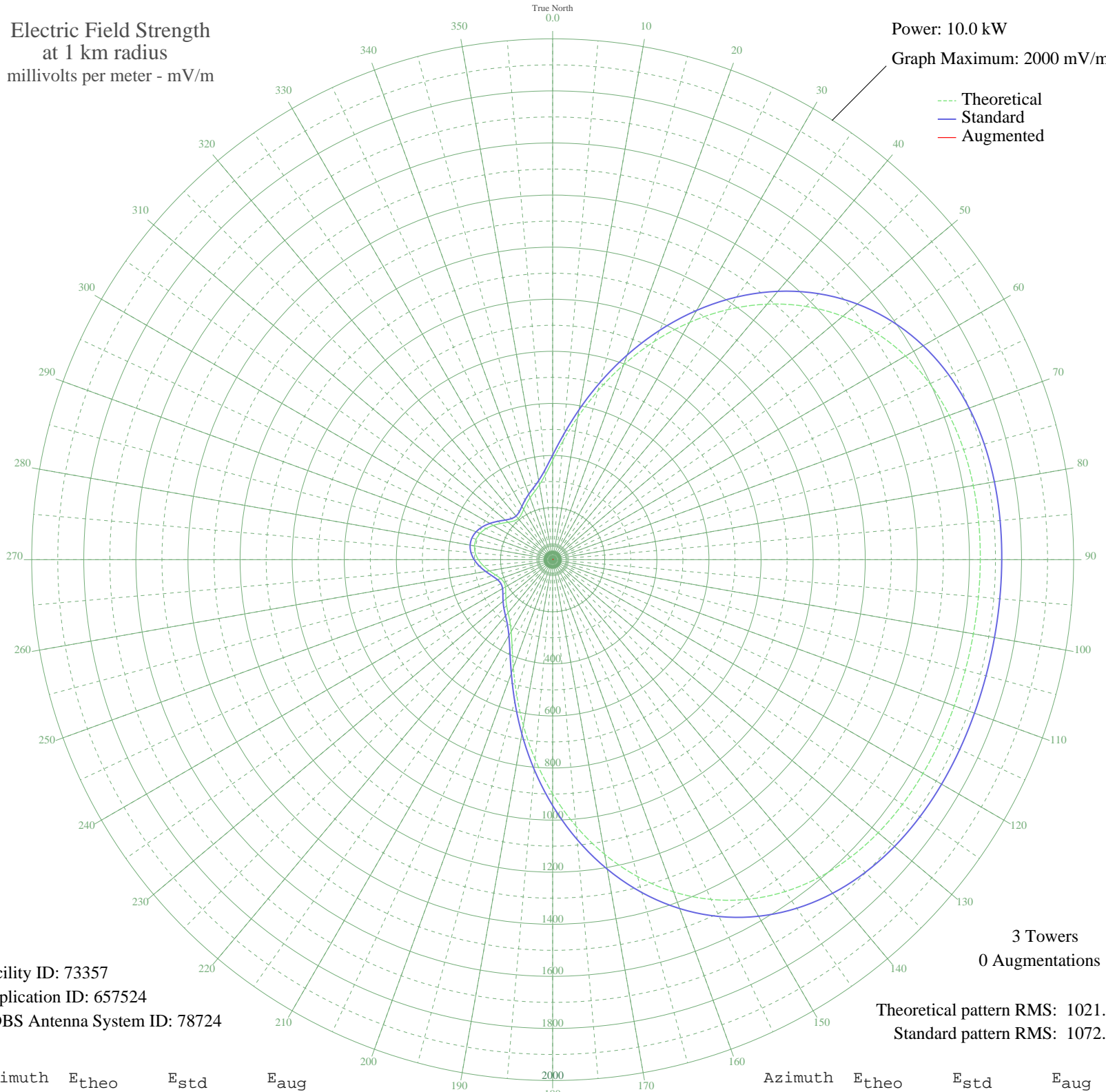
WNYC NEW YORK, NY BML-20030411ACV 820 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 73357
Application ID: 657524
CDBS Antenna System ID: 78724

3 Towers
0 Augmentations

Theoretical pattern RMS: 1021.00
Standard pattern RMS: 1072.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	381.16	401.59	
5	458.04	482.09	
10	556.10	584.85	
15	670.69	705.00	
20	795.71	836.16	
25	924.81	971.62	
30	1051.96	1105.06	
35	1171.94	1230.99	
40	1280.63	1345.07	
45	1375.15	1444.29	
50	1453.96	1527.02	
55	1516.73	1592.91	
60	1564.22	1642.77	
65	1598.02	1678.25	
70	1620.26	1701.60	
75	1633.37	1715.36	
80	1639.83	1722.15	
85	1641.96	1724.38	
90	1641.74	1724.15	
95	1640.75	1723.10	
100	1640.04	1722.36	
105	1640.13	1722.45	
110	1640.95	1723.32	
115	1641.89	1724.30	
120	1641.78	1724.19	
125	1638.96	1721.23	
130	1631.36	1713.25	
135	1616.62	1697.78	
140	1592.26	1672.20	
145	1555.88	1634.01	
150	1505.44	1581.06	
155	1439.49	1511.83	
160	1357.48	1425.74	
165	1259.95	1323.37	
170	1148.74	1206.63	
175	1026.95	1078.81	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	898.96	944.50	
185	770.18	809.37	
190	646.73	679.88	
195	534.99	562.72	
200	440.87	464.10	
205	368.53	388.37	
210	318.57	336.14	
215	286.87	303.04	
220	266.21	281.49	
225	249.90	264.49	
230	234.43	248.39	
235	219.94	233.31	
240	209.23	222.19	
245	205.97	218.80	
250	212.22	225.29	
255	226.91	240.56	
260	246.58	261.02	
265	267.14	282.45	
270	285.17	301.26	
275	298.19	314.85	
280	304.68	321.63	
285	303.95	320.87	
290	296.07	312.64	
295	281.90	297.85	
300	263.13	278.28	
305	242.44	256.72	
310	223.45	236.96	
315	210.21	223.21	
320	205.89	218.72	
325	210.89	223.91	
330	222.65	236.13	
335	237.50	251.58	
340	253.04	267.76	
345	269.82	285.25	
350	292.08	308.48	
355	326.90	344.85	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission