

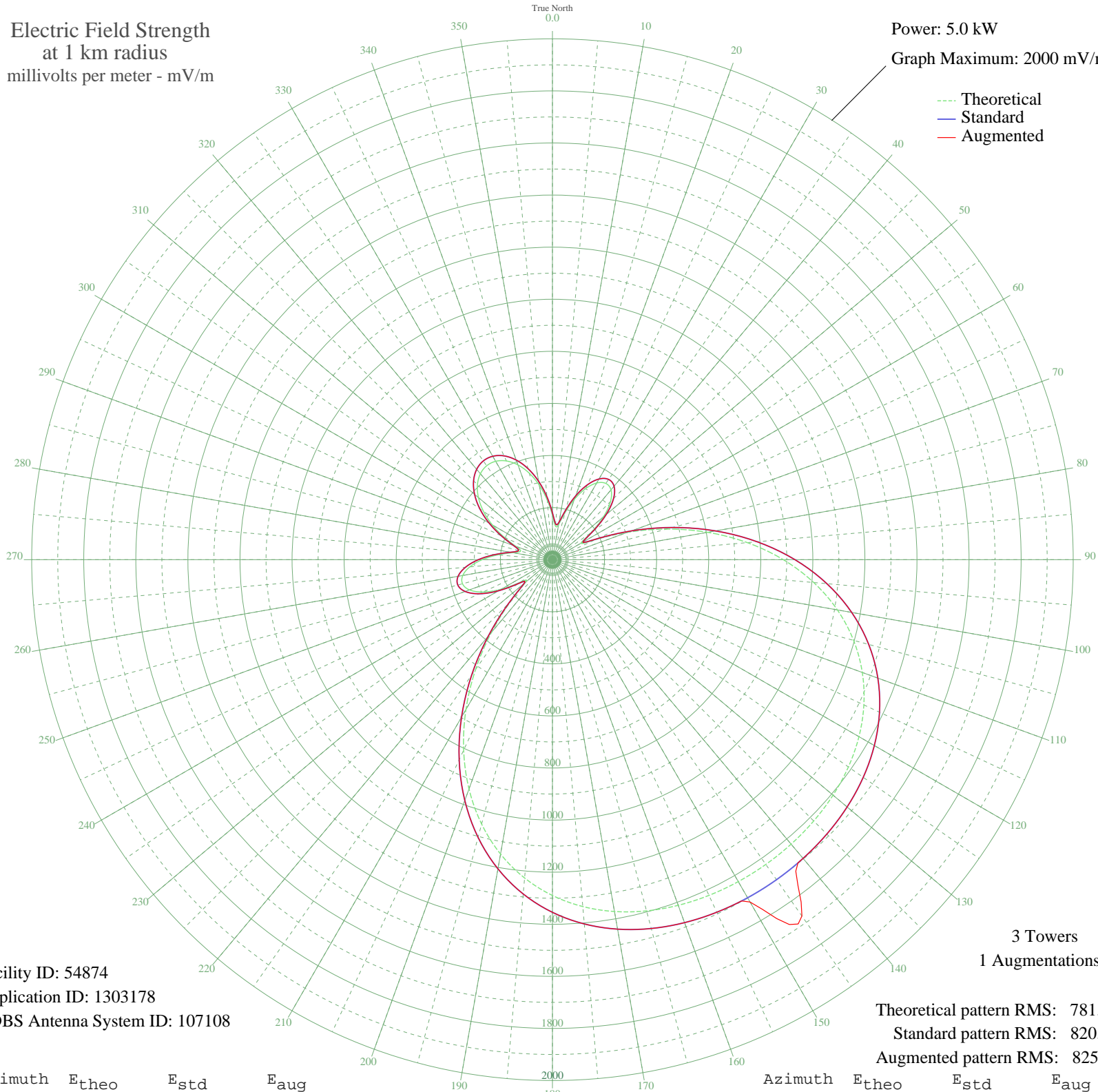
WWRV NEW YORK, NY BL-20080902AEL 1330 kHz

Nighttime

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: 54874  
Application ID: 1303178  
CDBS Antenna System ID: 107108

3 Towers  
1 Augmentations

Theoretical pattern RMS: 781.10  
Standard pattern RMS: 820.50  
Augmented pattern RMS: 825.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	169.86	179.89	179.89
5	129.73	138.23	138.23
10	137.71	146.48	146.48
15	186.71	197.44	197.44
20	246.80	260.20	260.20
25	300.93	316.85	316.85
30	339.87	357.63	357.63
35	357.51	376.12	376.12
40	349.89	368.13	368.13
45	315.32	331.92	331.92
50	255.46	269.26	269.26
55	179.38	189.80	189.80
60	126.48	134.86	134.86
65	180.56	191.04	191.04
70	306.83	323.03	323.03
75	454.00	477.28	477.28
80	605.05	635.73	635.73
85	751.22	789.13	789.13
90	886.66	931.29	931.29
95	1007.41	1058.04	1058.04
100	1111.24	1167.04	1167.04
105	1197.41	1257.50	1257.50
110	1266.42	1329.94	1329.94
115	1319.70	1385.89	1385.89
120	1359.32	1427.48	1427.48
125	1387.59	1457.15	1457.15
130	1406.81	1477.34	1477.34
135	1419.07	1490.20	1490.20
140	1425.98	1497.47	1497.47
145	1428.65	1500.26	1670.46
150	1427.52	1499.08	1517.96
155	1422.40	1493.70	1493.70
160	1412.45	1483.26	1483.26
165	1396.24	1466.24	1466.24
170	1371.86	1440.64	1440.64
175	1337.06	1404.11	1404.11

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1289.51	1354.19	1354.19
185	1227.01	1288.57	1288.57
190	1147.83	1205.45	1205.45
195	1051.05	1103.85	1103.85
200	936.88	984.01	984.01
205	806.95	847.62	847.62
210	664.48	698.10	698.10
215	514.53	540.77	540.77
220	364.47	383.42	383.42
225	226.60	239.09	239.09
230	133.80	142.44	142.44
235	150.82	160.09	160.09
240	225.96	238.42	238.42
245	294.16	309.76	309.76
250	339.30	357.04	357.04
255	357.65	376.26	376.26
260	349.75	367.99	367.99
265	318.72	335.48	335.48
270	269.79	284.25	284.25
275	210.64	222.42	222.42
280	154.27	163.67	163.67
285	126.24	134.62	134.62
290	149.81	159.04	159.04
295	204.86	216.38	216.38
300	266.34	280.64	280.64
305	323.35	340.33	340.33
310	371.15	390.41	390.41
315	407.32	428.33	428.33
320	430.57	452.71	452.71
325	440.25	462.86	462.86
330	436.10	458.50	458.50
335	418.22	439.76	439.76
340	387.10	407.13	407.13
345	343.74	361.69	361.69
350	290.02	305.43	305.43
355	229.51	242.12	242.12