WOFX TROY, NY BL-- 980 kHz

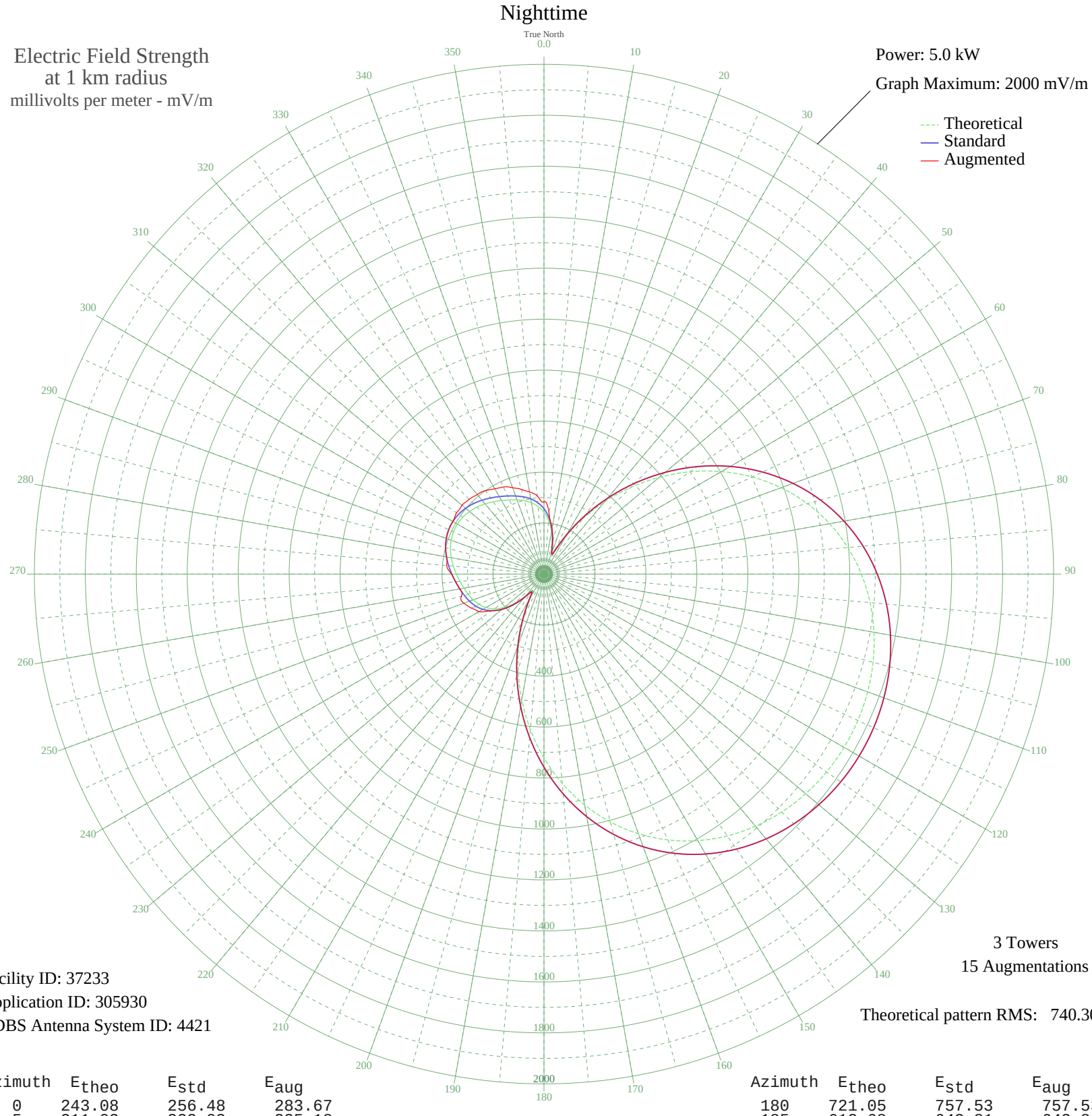
Nighttime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented



3 Towers
15 Augmentations

Facility ID: 37233
Application ID: 305930
CDBS Antenna System ID: 4421

Theoretical pattern RMS: 740.30

Azimuth	E_{theo}	E_{std}	E_{aug}
0	243.08	256.48	283.67
5	211.03	223.02	235.18
10	169.71	179.98	179.98
15	121.07	129.61	129.61
20	79.50	87.22	87.22
25	95.24	103.14	103.14
30	168.95	179.19	179.19
35	264.22	278.58	278.58
40	369.40	388.70	388.70
45	479.43	504.04	504.04
50	590.60	620.64	620.64
55	699.72	735.14	735.14
60	804.09	844.67	844.67
65	901.50	946.91	946.91
70	990.30	1040.12	1040.12
75	1069.43	1123.18	1123.18
80	1138.34	1195.52	1195.52
85	1196.95	1257.05	1257.05
90	1245.55	1308.07	1308.07
95	1284.66	1349.13	1349.13
100	1314.95	1380.93	1380.93
105	1337.10	1404.18	1404.18
110	1351.71	1419.52	1419.52
115	1359.22	1427.41	1427.41
120	1359.90	1428.12	1428.12
125	1353.76	1421.68	1421.68
130	1340.61	1407.87	1407.87
135	1320.01	1386.25	1386.25
140	1291.41	1356.21	1356.21
145	1254.11	1317.06	1317.06
150	1207.45	1268.08	1268.08
155	1150.88	1208.69	1208.69
160	1084.04	1138.52	1138.52
165	1006.93	1057.58	1057.58
170	919.99	966.32	966.32
175	824.19	865.77	865.77
180	721.05	757.53	757.53
185	612.68	643.81	643.81
190	501.68	527.37	527.37
195	391.15	411.49	411.49
200	284.66	299.96	299.96
205	186.85	197.81	197.81
210	107.01	115.17	115.17
215	76.17	83.88	83.88
220	111.22	119.48	119.48
225	160.41	170.32	170.32
230	203.51	215.17	215.17
235	237.39	250.54	250.54
240	262.65	276.94	294.12
245	281.15	296.28	315.42
250	295.22	311.01	334.48
255	307.12	323.47	335.62
260	318.65	335.53	335.53
265	330.79	348.24	348.24
270	343.69	361.76	362.62
275	356.82	375.52	383.27
280	369.23	388.51	388.51
285	379.82	399.61	399.61
290	387.63	407.80	407.80
295	391.94	412.31	412.31
300	392.33	412.73	412.73
305	388.79	409.01	418.91
310	381.63	401.51	419.71
315	371.52	390.92	414.72
320	359.40	378.21	407.19
325	346.33	364.52	399.74
330	333.31	350.89	386.24
335	321.01	338.01	377.02
340	309.41	325.87	360.43
345	297.70	313.61	343.96
350	284.24	299.52	327.41
355	266.82	281.29	308.77

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 Nov 2005

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