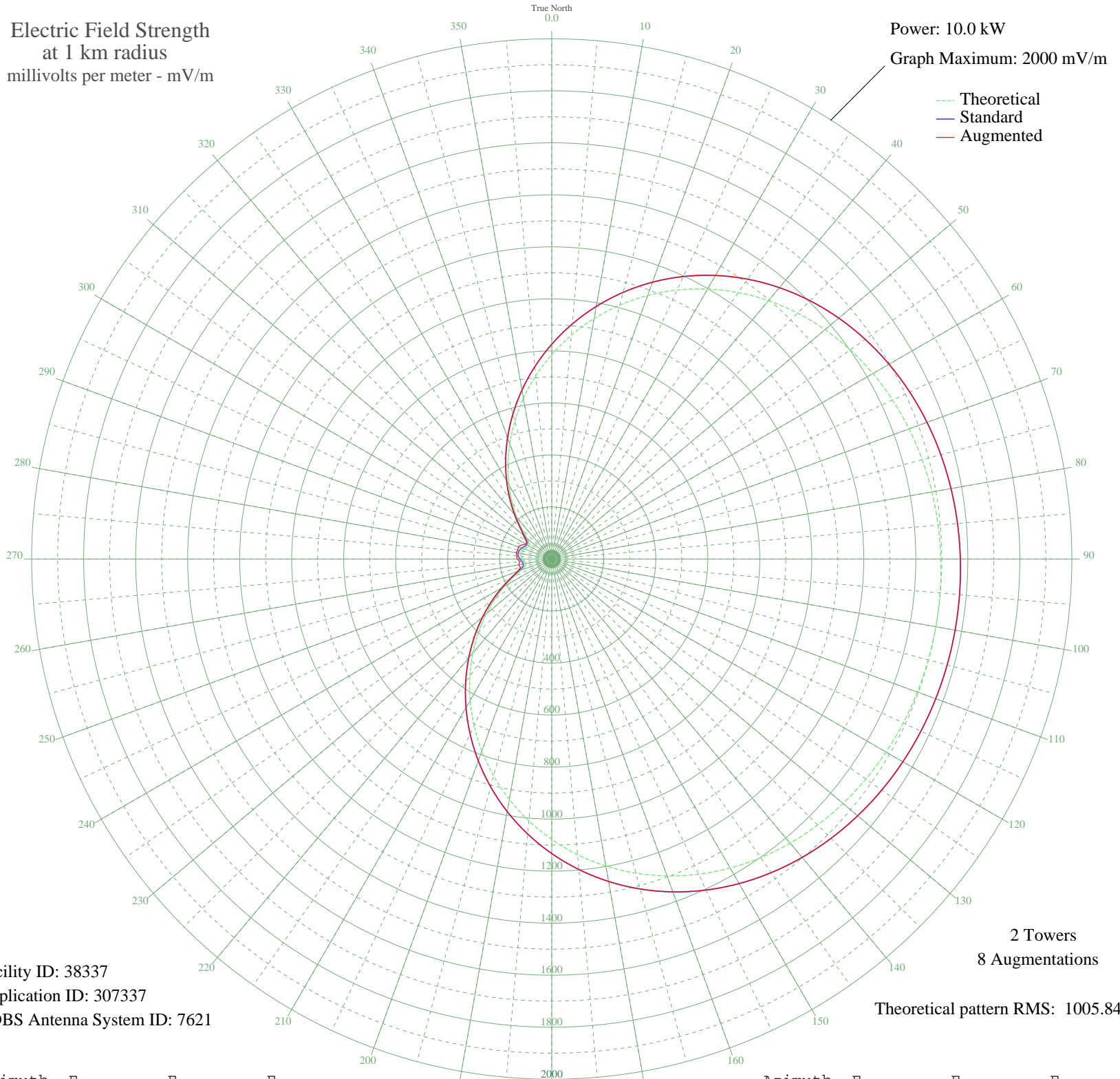


# WHLI HEMPSTEAD, NY BL-- 1100 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 38337  
Application ID: 307337  
CDBS Antenna System ID: 7621

2 Towers  
8 Augmentations  
Theoretical pattern RMS: 1005.84

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	785.59	825.54	825.54
5	863.24	907.01	907.01
10	938.43	985.91	985.91
15	1010.26	1061.29	1061.29
20	1077.93	1132.31	1132.31
25	1140.80	1198.30	1198.30
30	1198.37	1258.73	1258.73
35	1250.34	1313.28	1313.28
40	1296.55	1361.78	1361.78
45	1337.01	1404.25	1404.25
50	1371.87	1440.85	1440.85
55	1401.42	1471.87	1471.87
60	1426.04	1497.71	1497.71
65	1446.16	1518.83	1518.83
70	1462.28	1535.76	1535.76
75	1474.89	1548.99	1548.99
80	1484.47	1559.04	1559.04
85	1491.42	1566.35	1566.35
90	1496.13	1571.28	1571.28
95	1498.84	1574.13	1574.13
100	1499.72	1575.06	1575.06
105	1498.84	1574.13	1574.13
110	1496.13	1571.28	1571.28
115	1491.42	1566.35	1566.35
120	1484.47	1559.04	1559.04
125	1474.89	1548.99	1548.99
130	1462.28	1535.76	1535.76
135	1446.16	1518.83	1518.83
140	1426.04	1497.71	1497.71
145	1401.42	1471.87	1471.87
150	1371.87	1440.85	1440.85
155	1337.01	1404.25	1404.25
160	1296.55	1361.78	1361.78
165	1250.34	1313.28	1313.28
170	1198.37	1258.73	1258.73
175	1140.80	1198.30	1198.30

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1077.93	1132.32	1132.32
185	1010.26	1061.29	1061.29
190	938.43	985.91	985.91
195	863.24	907.01	907.01
200	785.59	825.54	825.54
205	706.51	742.58	742.58
210	627.08	659.27	659.27
215	548.43	576.80	576.80
220	471.71	496.41	496.41
225	398.12	419.34	419.34
230	328.85	346.89	346.89
235	265.23	280.47	280.47
240	208.79	221.73	221.73
245	161.54	172.84	172.84
250	126.26	136.67	140.23
255	105.88	116.03	124.86
260	100.51	110.64	128.75
265	104.99	115.13	123.49
270	112.51	122.71	131.97
275	118.49	128.77	134.14
280	120.69	131.00	138.49
285	118.49	128.77	134.62
290	112.51	122.71	135.46
295	104.99	115.13	127.53
300	100.51	110.64	114.90
305	105.88	116.03	120.04
310	126.26	136.67	142.92
315	161.54	172.84	172.84
320	208.79	221.73	221.73
325	265.23	280.47	280.47
330	328.85	346.89	346.89
335	398.12	419.34	419.34
340	471.71	496.41	496.41
345	548.43	576.80	576.80
350	627.08	659.27	659.27
355	706.51	742.58	742.58