

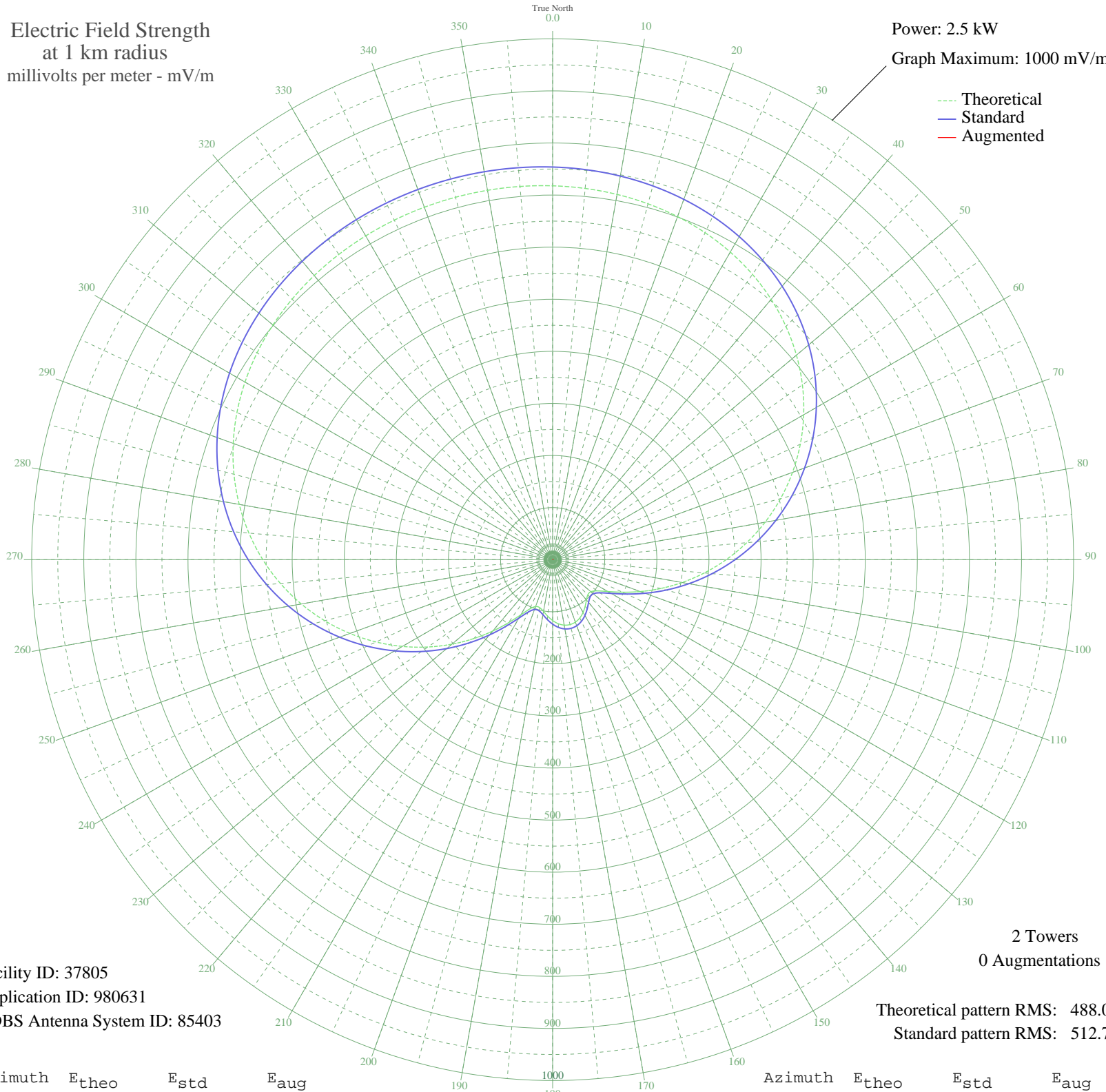
WLIE ISLIP, NY BL-20040212ABX 540 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 37805  
Application ID: 980631  
CDBS Antenna System ID: 85403

2 Towers  
0 Augmentations

Theoretical pattern RMS: 488.08  
Standard pattern RMS: 512.75

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	717.77	753.84	
5	715.44	751.40	
10	712.04	747.83	
15	707.31	742.86	
20	700.92	736.15	
25	692.56	727.38	
30	681.90	716.19	
35	668.64	702.27	
40	652.51	685.34	
45	633.31	665.18	
50	610.90	641.65	
55	585.24	614.72	
60	556.39	584.45	
65	524.53	551.01	
70	489.92	514.68	
75	452.95	475.89	
80	414.10	435.12	
85	373.93	392.98	
90	333.10	350.15	
95	292.34	307.41	
100	252.44	265.58	
105	214.30	225.63	
110	178.98	188.66	
115	147.77	156.04	
120	122.30	129.49	
125	104.49	110.97	
130	95.72	101.87	
135	95.43	101.57	
140	100.90	107.23	
145	108.86	115.50	
150	116.86	123.82	
155	123.39	130.62	
160	127.58	134.99	
165	129.02	136.49	
170	127.58	134.99	
175	123.39	130.62	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	116.86	123.82	
185	108.86	115.50	
190	100.90	107.23	
195	95.43	101.57	
200	95.72	101.87	
205	104.49	110.97	
210	122.30	129.49	
215	147.77	156.04	
220	178.98	188.66	
225	214.30	225.63	
230	252.44	265.58	
235	292.34	307.41	
240	333.10	350.15	
245	373.93	392.98	
250	414.10	435.12	
255	452.95	475.89	
260	489.92	514.68	
265	524.53	551.01	
270	556.39	584.45	
275	585.24	614.72	
280	610.90	641.65	
285	633.31	665.18	
290	652.51	685.34	
295	668.64	702.27	
300	681.90	716.19	
305	692.56	727.38	
310	700.92	736.15	
315	707.31	742.86	
320	712.04	747.83	
325	715.44	751.40	
330	717.77	753.84	
335	719.26	755.41	
340	720.09	756.27	
345	720.35	756.55	
350	720.09	756.27	
355	719.26	755.41	

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