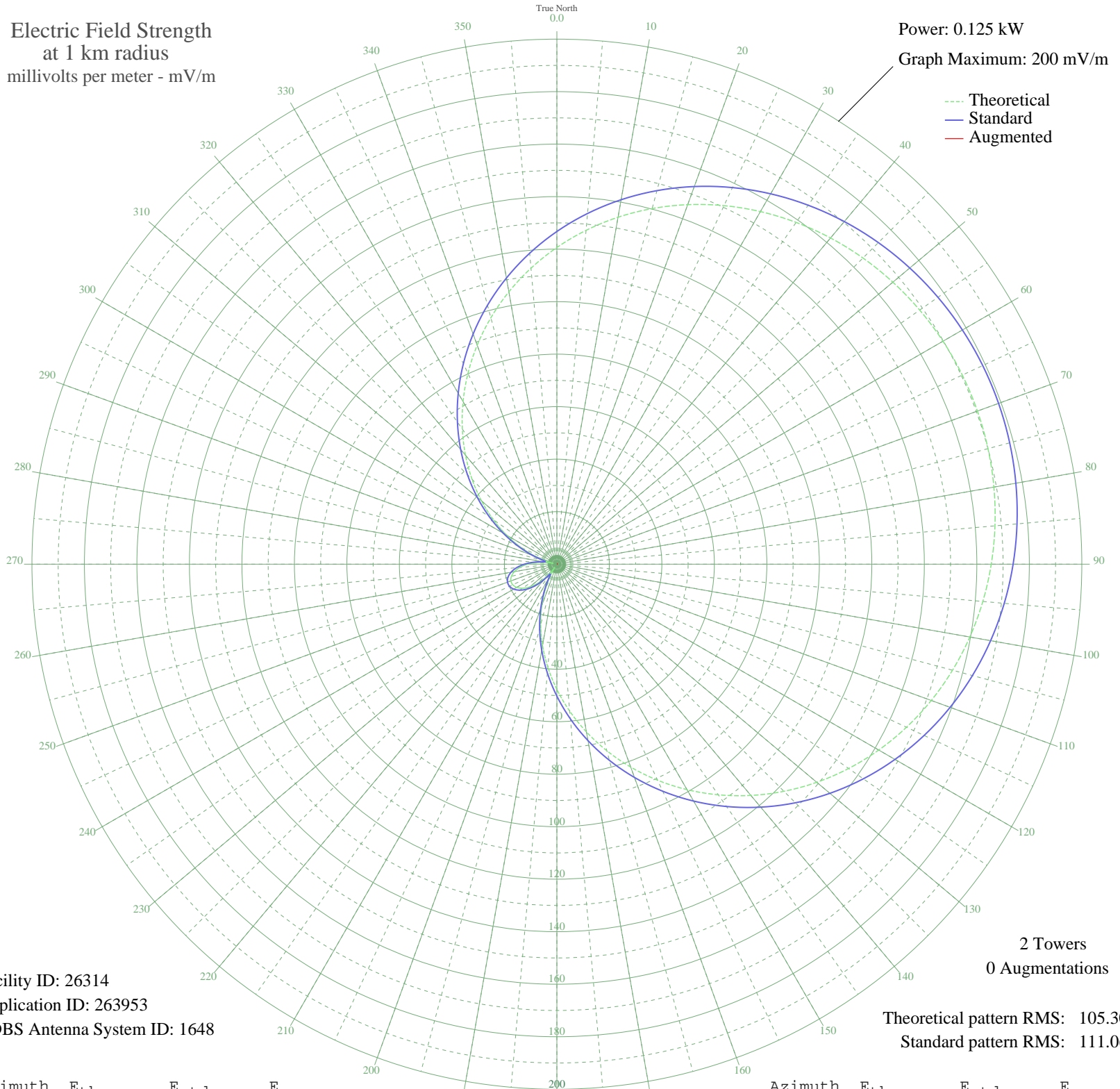


# WRYM NEW BRITAIN, CT BL-19980319KA 840 kHz

Nighttime

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

Power: 0.125 kW  
Graph Maximum: 200 mV/m



Facility ID: 26314  
Application ID: 263953  
CDBS Antenna System ID: 1648

Theoretical pattern RMS: 105.30  
Standard pattern RMS: 111.06

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	120.63	126.72	
5	127.65	134.09	
10	134.19	140.97	
15	140.23	147.30	
20	145.74	153.08	
25	150.69	158.28	
30	155.09	162.90	
35	158.93	166.92	
40	162.20	170.37	
45	164.93	173.23	
50	167.11	175.52	
55	168.75	177.24	
60	169.87	178.41	
65	170.45	179.02	
70	170.51	179.09	
75	170.05	178.60	
80	169.07	177.57	
85	167.55	175.98	
90	165.50	173.83	
95	162.91	171.10	
100	159.76	167.80	
105	156.06	163.92	
110	151.80	159.44	
115	146.98	154.38	
120	141.60	148.74	
125	135.69	142.54	
130	129.26	135.79	
135	122.35	128.54	
140	115.00	120.82	
145	107.25	112.68	
150	99.16	104.20	
155	90.80	95.43	
160	82.24	86.45	
165	73.57	77.36	
170	64.87	68.24	
175	56.21	59.17	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	47.70	50.26	
185	39.41	41.59	
190	31.43	33.26	
195	23.84	25.37	
200	16.71	18.03	
205	10.13	11.41	
210	4.22	6.06	
215	1.95	4.62	
220	6.28	7.78	
225	10.23	11.51	
230	13.47	14.74	
235	15.95	17.25	
240	17.65	18.99	
245	18.55	19.91	
250	18.65	20.01	
255	17.94	19.29	
260	16.43	17.74	
265	14.14	15.41	
270	11.08	12.34	
275	7.29	8.70	
280	2.93	5.16	
285	2.96	5.18	
290	8.64	9.97	
295	15.08	16.36	
300	22.08	23.56	
305	29.57	31.33	
310	37.47	39.56	
315	45.69	48.15	
320	54.16	57.01	
325	62.78	66.05	
330	71.48	75.17	
335	80.17	84.28	
340	88.76	93.29	
345	97.17	102.12	
350	105.33	110.68	
355	113.17	118.90	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission