

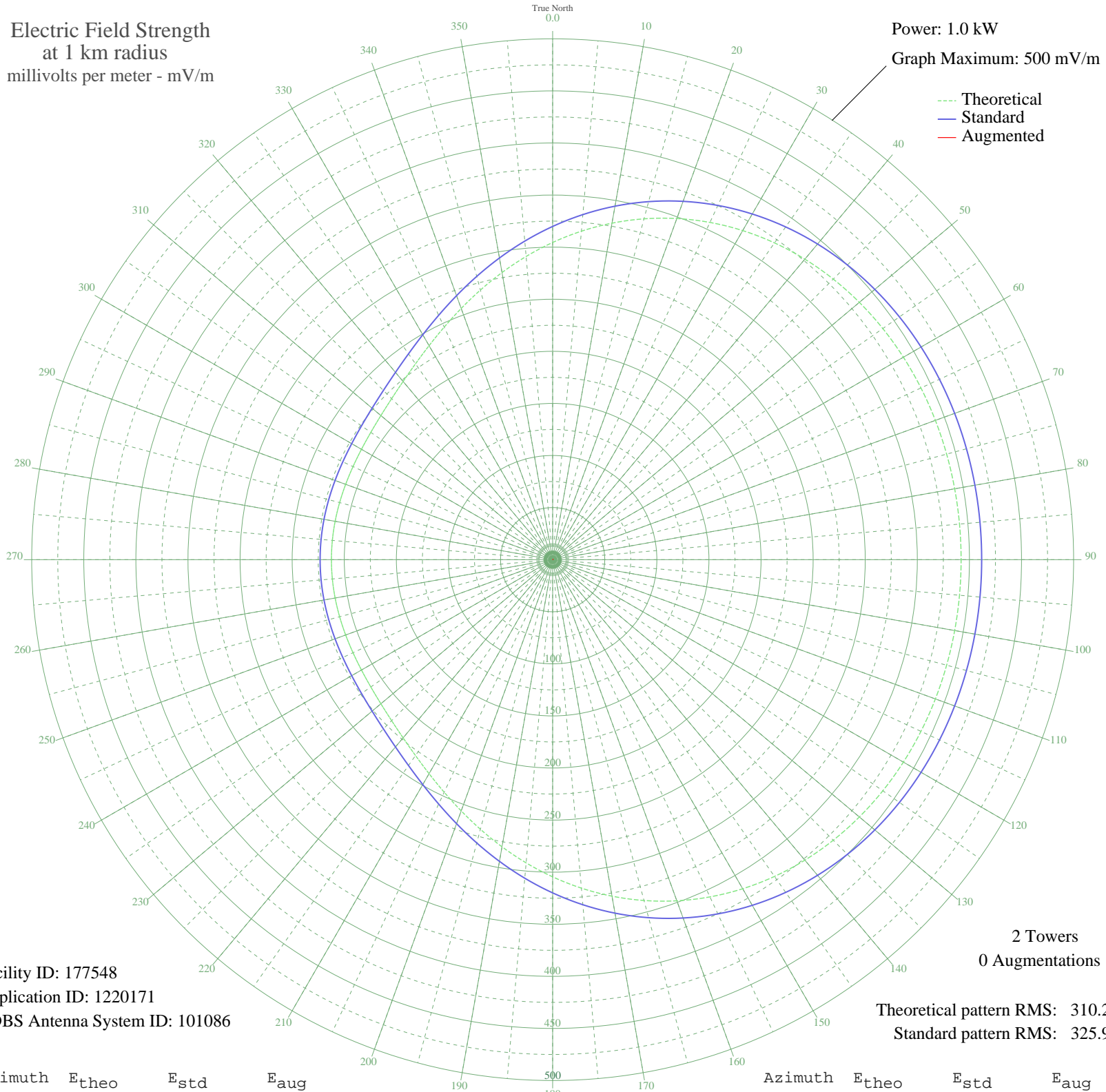
- STONY POINT TOWN, NY 1SF-20071005AED 1700 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 177548
Application ID: 1220171
CDBS Antenna System ID: 101086

2 Towers
0 Augmentations

Theoretical pattern RMS: 310.22
Standard pattern RMS: 325.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	304.49	319.89	
5	316.53	332.52	
10	328.01	344.57	
15	338.72	355.81	
20	348.49	366.06	
25	357.19	375.20	
30	364.78	383.16	
35	371.23	389.93	
40	376.57	395.54	
45	380.89	400.07	
50	384.27	403.62	
55	386.83	406.31	
60	388.70	408.27	
65	390.02	409.66	
70	390.91	410.59	
75	391.47	411.18	
80	391.80	411.52	
85	391.97	411.70	
90	392.02	411.76	
95	391.97	411.70	
100	391.80	411.52	
105	391.47	411.18	
110	390.91	410.59	
115	390.02	409.66	
120	388.70	408.27	
125	386.83	406.31	
130	384.27	403.62	
135	380.89	400.07	
140	376.57	395.54	
145	371.23	389.93	
150	364.78	383.16	
155	357.20	375.20	
160	348.49	366.06	
165	338.72	355.81	
170	328.01	344.57	
175	316.53	332.52	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	304.49	319.89	
185	292.18	306.97	
190	279.88	294.07	
195	267.93	281.52	
200	256.65	269.68	
205	246.32	258.85	
210	237.22	249.30	
215	229.52	241.22	
220	223.30	234.70	
225	218.56	229.73	
230	215.21	226.21	
235	213.05	223.95	
240	211.87	222.71	
245	211.41	222.23	
250	211.42	222.24	
255	211.67	222.51	
260	211.99	222.84	
265	212.24	223.10	
270	212.33	223.20	
275	212.24	223.10	
280	211.99	222.84	
285	211.67	222.51	
290	211.42	222.24	
295	211.41	222.23	
300	211.87	222.71	
305	213.05	223.95	
310	215.21	226.21	
315	218.56	229.73	
320	223.30	234.70	
325	229.52	241.22	
330	237.22	249.30	
335	246.32	258.85	
340	256.65	269.68	
345	267.93	281.52	
350	279.88	294.07	
355	292.18	306.97	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission