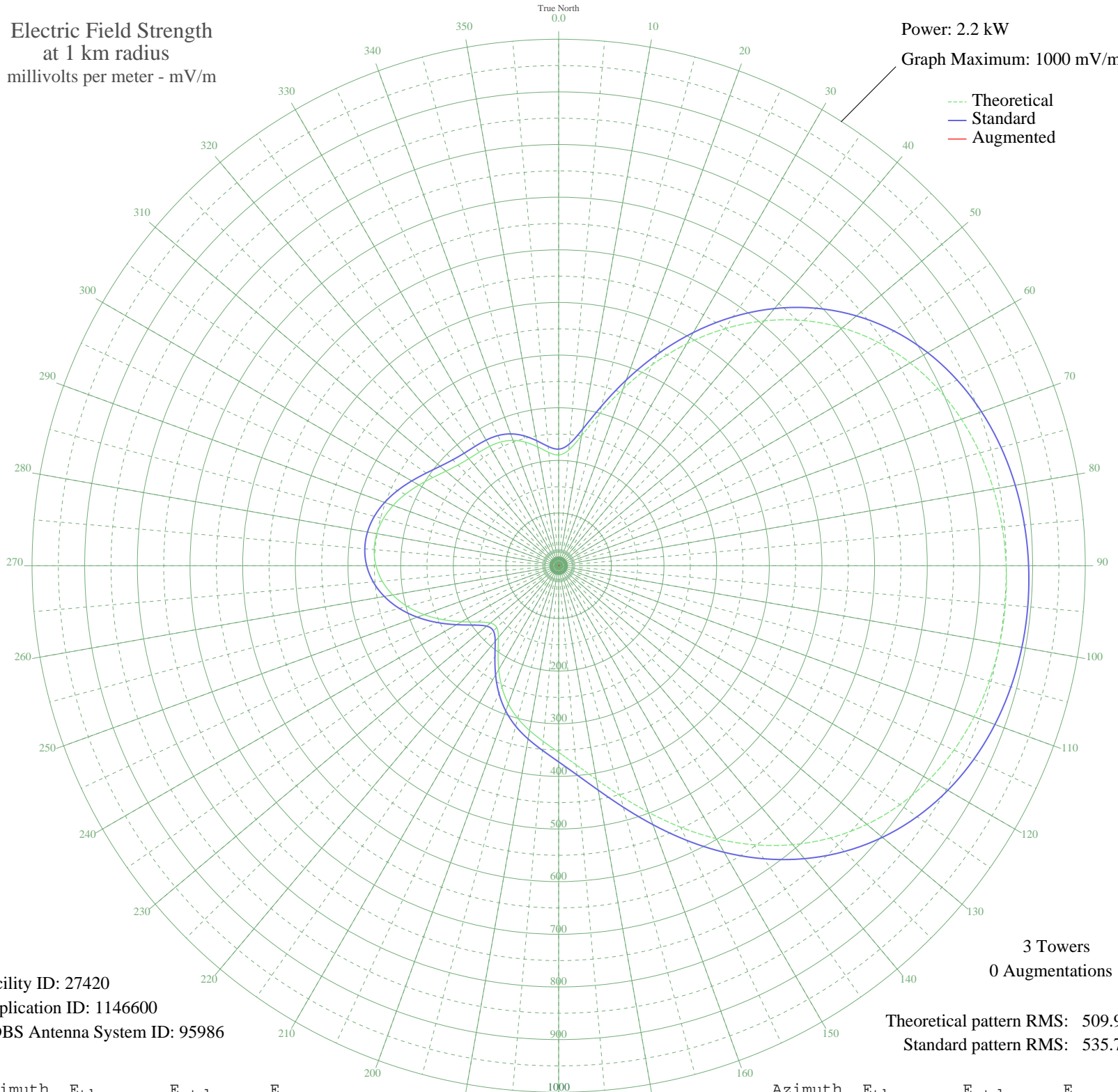


# WHSR POMPANO BEACH, FL BL-20050203AEN 980 kHz

Nighttime

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

Power: 2.2 kW  
Graph Maximum: 1000 mV/m



Facility ID: 27420  
Application ID: 1146600  
CDBS Antenna System ID: 95986

3 Towers  
0 Augmentations

Theoretical pattern RMS: 509.99  
Standard pattern RMS: 535.72

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	210.40	221.46	
5	220.56	232.11	
10	250.70	263.70	
15	298.26	313.56	
20	357.19	375.38	
25	421.58	442.94	
30	486.78	511.35	
35	549.39	577.07	
40	607.12	637.66	
45	658.52	691.62	
50	702.91	738.22	
55	740.18	777.35	
60	770.65	809.34	
65	794.93	834.82	
70	813.79	854.62	
75	828.02	869.57	
80	838.39	880.45	
85	845.51	887.92	
90	849.80	892.43	
95	851.49	894.20	
100	850.54	893.21	
105	846.71	889.18	
110	839.51	881.63	
115	828.35	869.90	
120	812.50	853.27	
125	791.29	831.00	
130	764.16	802.52	
135	730.86	767.57	
140	691.55	726.29	
145	646.94	679.46	
150	598.39	628.51	
155	547.95	575.56	
160	498.20	523.35	
165	452.01	474.87	
170	411.93	432.80	
175	379.47	398.75	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	354.47	372.52	
185	334.96	352.05	
190	317.84	334.10	
195	300.01	315.39	
200	279.26	293.63	
205	254.82	268.02	
210	227.62	239.51	
215	200.42	211.02	
220	177.94	187.48	
225	166.15	175.15	
230	169.34	178.49	
235	186.59	196.53	
240	212.76	223.94	
245	242.45	255.04	
250	271.70	285.71	
255	297.99	313.27	
260	319.79	336.14	
265	336.22	353.37	
270	346.86	364.53	
275	351.63	369.54	
280	350.76	368.63	
285	344.78	362.36	
290	334.54	351.61	
295	321.24	337.66	
300	306.42	322.12	
305	291.89	306.88	
310	279.47	293.85	
315	270.49	284.44	
320	265.35	279.05	
325	263.15	276.75	
330	261.96	275.50	
335	259.36	272.77	
340	253.32	266.44	
345	242.92	255.54	
350	229.21	241.18	
355	216.02	227.36	

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