

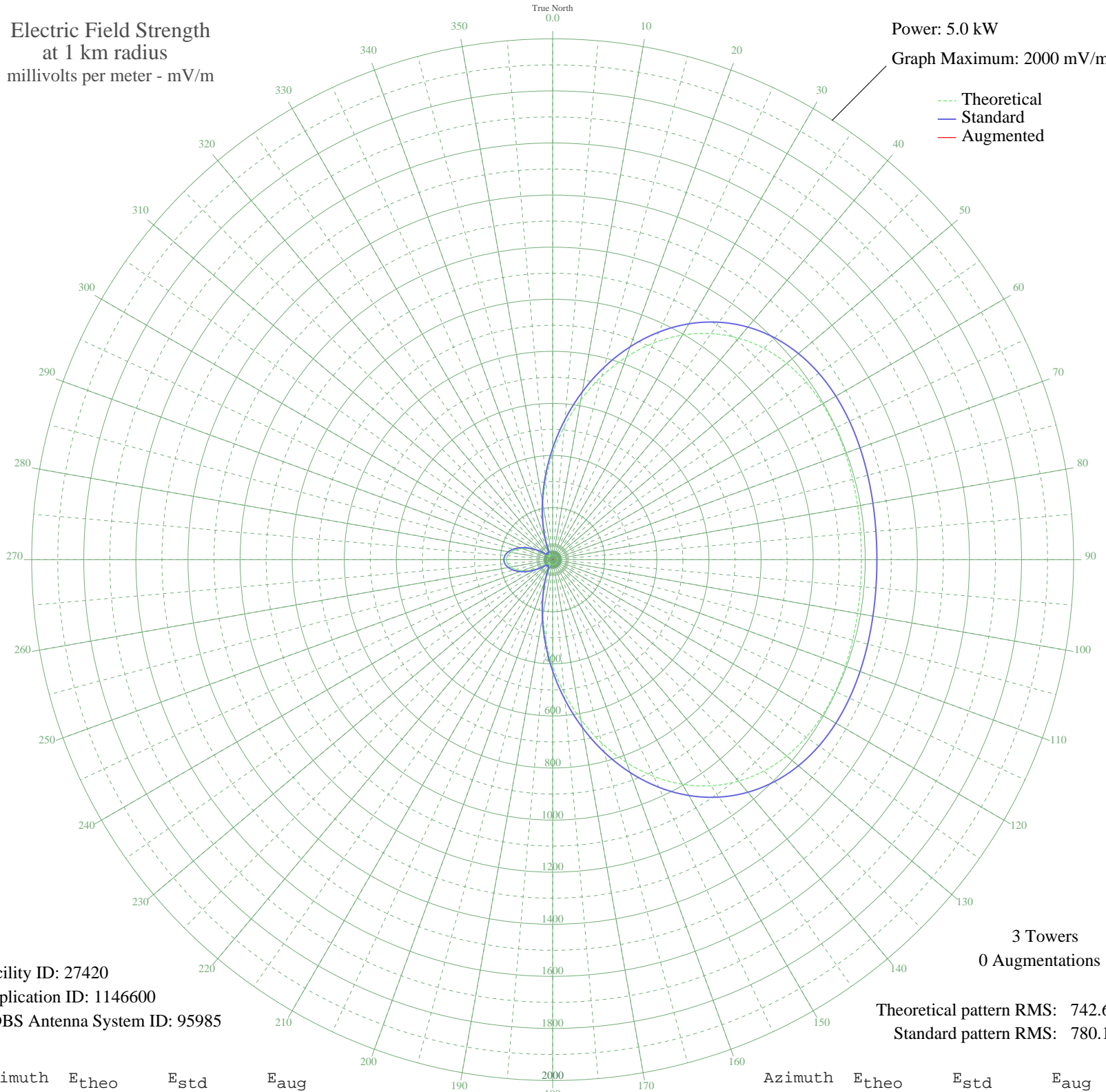
WHSR POMPANO BEACH, FL BL-20050203AEN 980 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 27420
Application ID: 1146600
CDBS Antenna System ID: 95985

3 Towers
0 Augmentations
Theoretical pattern RMS: 742.67
Standard pattern RMS: 780.16

Azimuth	E _{theo}	E _{std}	E _{aug}
0	406.37	427.33	
5	513.47	539.65	
10	622.31	653.85	
15	728.54	765.33	
20	828.19	869.92	
25	918.00	964.19	
30	995.63	1045.68	
35	1059.77	1113.01	
40	1110.12	1165.86	
45	1147.30	1204.89	
50	1172.65	1231.51	
55	1188.02	1247.64	
60	1195.53	1255.53	
65	1197.41	1257.50	
70	1195.73	1255.74	
75	1192.37	1252.21	
80	1188.84	1248.50	
85	1186.26	1245.80	
90	1185.33	1244.82	
95	1186.26	1245.80	
100	1188.84	1248.50	
105	1192.37	1252.21	
110	1195.73	1255.74	
115	1197.41	1257.50	
120	1195.53	1255.53	
125	1188.02	1247.64	
130	1172.65	1231.51	
135	1147.30	1204.89	
140	1110.12	1165.87	
145	1059.77	1113.01	
150	995.63	1045.68	
155	918.00	964.19	
160	828.19	869.92	
165	728.54	765.33	
170	622.31	653.85	
175	513.47	539.65	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	406.37	427.33	
185	305.38	321.51	
190	214.52	226.47	
195	137.14	145.90	
200	75.83	83.01	
205	33.16	41.99	
210	17.17	29.60	
215	21.73	32.74	
220	20.82	32.08	
225	14.71	28.10	
230	22.17	33.07	
235	44.70	52.48	
240	71.77	78.93	
245	99.37	106.95	
250	124.98	133.31	
255	146.74	155.85	
260	163.23	173.00	
265	173.51	183.69	
270	176.99	187.32	
275	173.51	183.69	
280	163.23	173.00	
285	146.74	155.85	
290	124.98	133.31	
295	99.37	106.94	
300	71.77	78.93	
305	44.70	52.48	
310	22.17	33.06	
315	14.71	28.10	
320	20.82	32.08	
325	21.73	32.74	
330	17.17	29.60	
335	33.16	42.00	
340	75.83	83.01	
345	137.14	145.90	
350	214.52	226.47	
355	305.38	321.51	

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