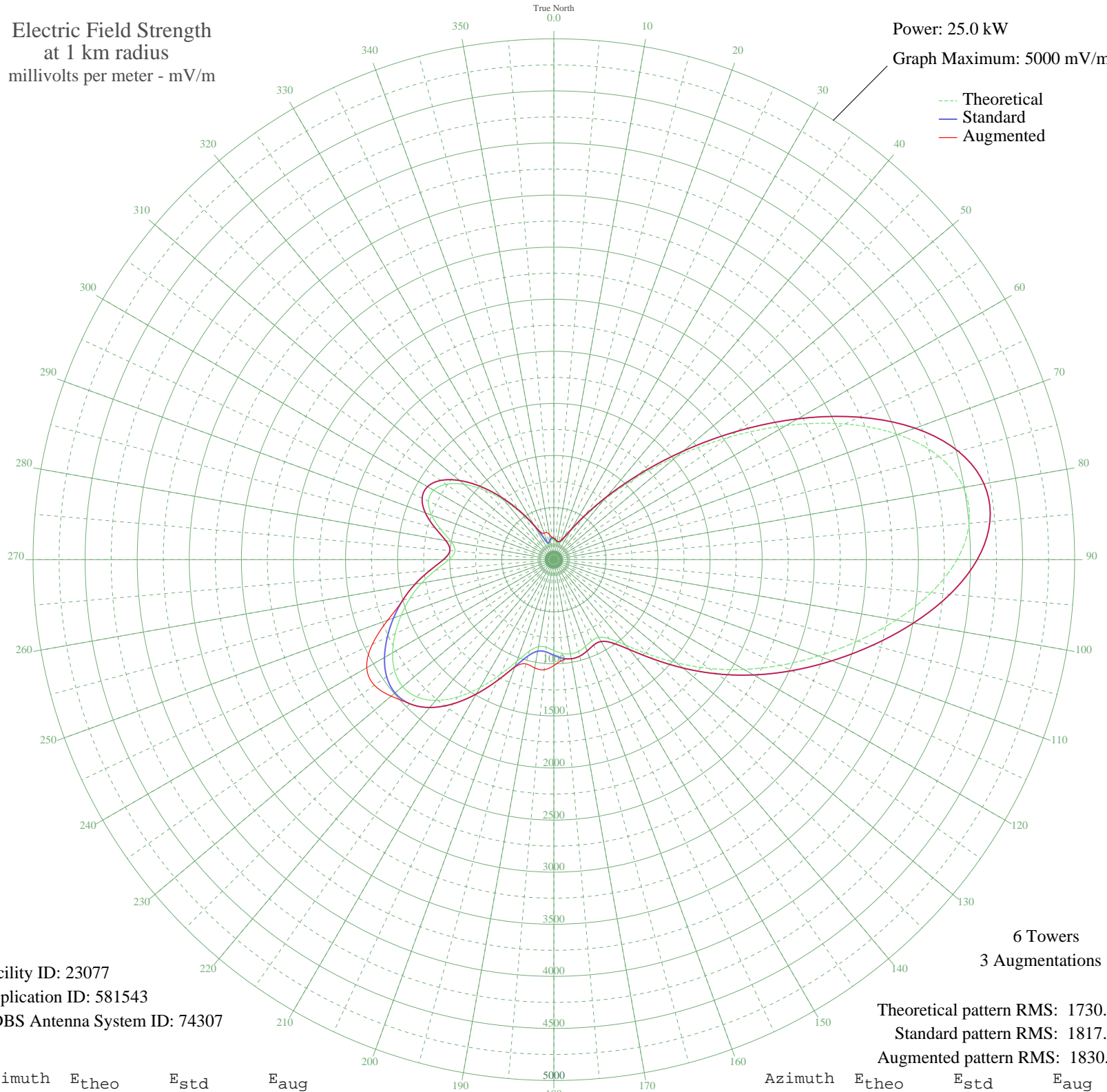


# WHNZ TAMPA, FL BL-20010918ABO 1250 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 23077  
Application ID: 581543  
CDBS Antenna System ID: 74307

6 Towers  
3 Augmentations

Theoretical pattern RMS: 1730.00  
Standard pattern RMS: 1817.26  
Augmented pattern RMS: 1830.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	189.93	206.23	206.23
5	175.95	192.06	192.06
10	162.87	178.89	178.89
15	161.06	177.07	177.07
20	177.67	193.80	193.80
25	222.78	239.73	239.73
30	317.77	337.76	337.76
35	487.33	514.39	514.39
40	747.32	786.44	786.44
45	1101.89	1158.18	1158.18
50	1542.45	1620.42	1620.42
55	2045.91	2148.85	2148.85
60	2574.95	2704.21	2704.21
65	3081.58	3236.08	3236.08
70	3514.41	3690.51	3690.51
75	3828.18	4019.93	4019.93
80	3993.22	4193.21	4193.21
85	4002.12	4202.56	4202.56
90	3871.13	4065.02	4065.02
95	3635.27	3817.40	3817.40
100	3338.13	3505.43	3505.43
105	3019.22	3170.62	3170.62
110	2703.94	2839.62	2839.62
115	2400.80	2521.38	2521.38
120	2107.17	2213.15	2213.15
125	1819.22	1910.90	1910.90
130	1540.03	1617.88	1617.88
135	1282.99	1348.17	1348.17
140	1070.48	1125.23	1125.23
145	926.71	974.46	974.46
150	862.26	906.90	906.90
155	860.43	904.98	904.98
160	887.05	932.88	932.88
165	912.02	959.06	959.06
170	918.60	965.95	965.95
175	902.82	949.41	966.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	871.93	917.03	1017.17
185	844.36	888.13	1060.35
190	848.10	892.05	1054.98
195	910.11	957.06	1035.85
200	1038.53	1091.71	1098.64
205	1217.35	1279.30	1279.30
210	1417.70	1489.51	1489.51
215	1608.81	1690.07	1690.07
220	1763.61	1852.53	1852.53
225	1862.20	1956.01	1956.01
230	1895.12	1990.57	2038.80
235	1865.37	1959.34	2102.86
240	1787.19	1877.28	2074.00
245	1680.08	1764.87	1922.95
250	1559.38	1638.19	1696.47
255	1429.48	1501.87	1501.87
260	1287.44	1352.84	1352.84
265	1137.73	1195.77	1195.77
270	1008.83	1060.57	1060.57
275	952.83	1001.85	1001.85
280	1002.02	1053.43	1053.43
285	1123.13	1180.46	1180.46
290	1249.16	1312.67	1312.67
295	1327.74	1395.12	1395.12
300	1333.10	1400.74	1400.74
305	1261.63	1325.75	1325.75
310	1124.99	1182.41	1182.41
315	943.53	992.10	992.10
320	740.68	779.48	779.48
325	539.08	568.46	568.46
330	359.15	380.75	386.55
335	221.58	238.51	287.50
340	153.63	169.64	270.96
345	158.26	174.27	269.40
350	182.44	198.62	245.65
355	194.26	210.63	215.36

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission