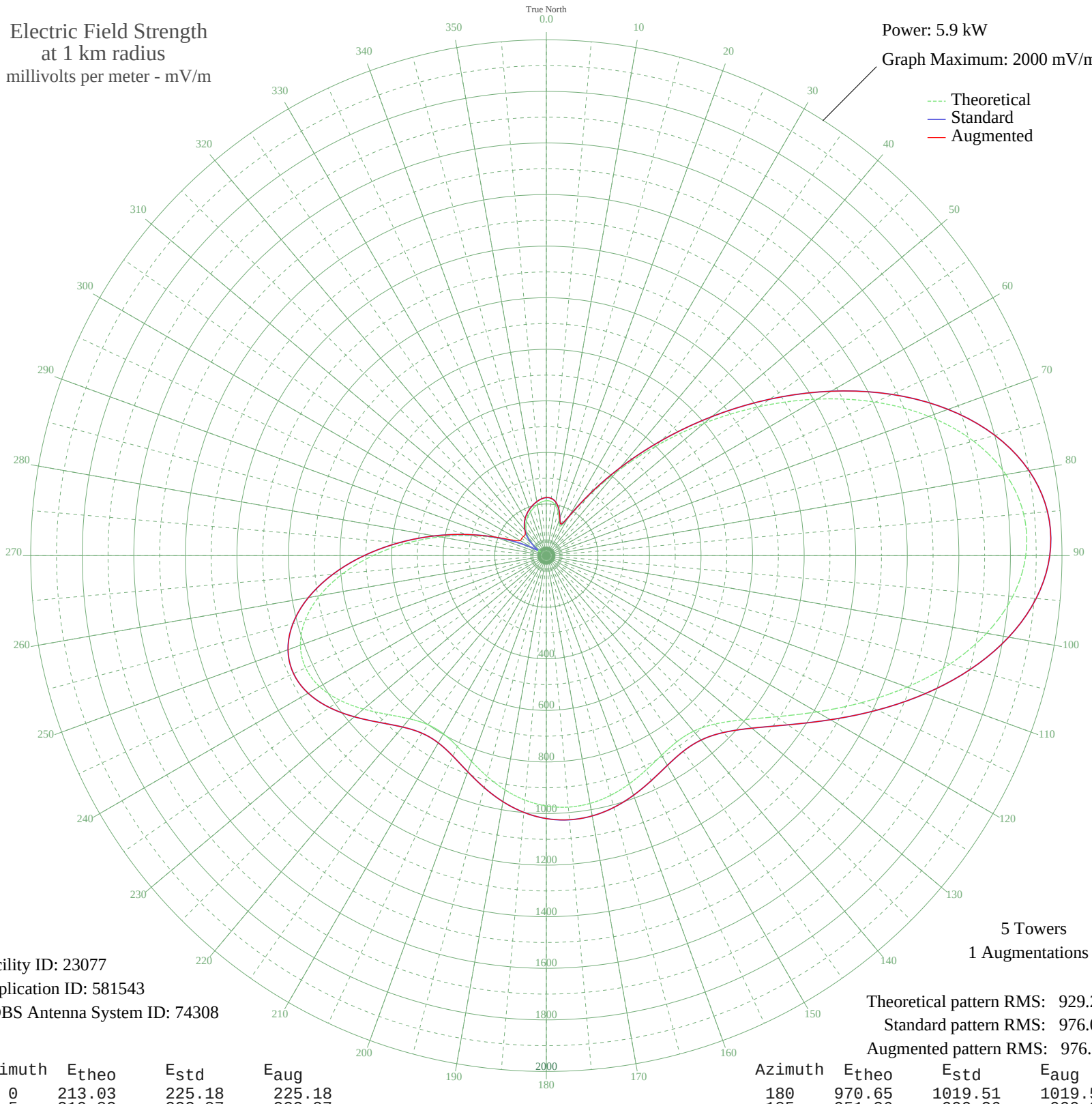
WHNZ TAMPA, FL BL-20010918ABO 1250 kHz

Nighttime

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



Power: 5.9 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

Facility ID: 23077
Application ID: 581543
CDBS Antenna System ID: 74308

5 Towers
1 Augmentations

Theoretical pattern RMS: 929.20
Standard pattern RMS: 976.00
Augmented pattern RMS: 976.30

Azimuth	E_{theo}	E_{std}	E_{aug}
0	213.03	225.18	225.18
5	210.82	222.87	222.87
10	199.16	210.72	210.72
15	176.01	186.62	186.62
20	144.33	153.74	153.74
25	125.69	134.49	134.49
30	167.04	177.29	177.29
35	273.59	288.44	288.44
40	422.42	444.30	444.30
45	600.55	631.11	631.11
50	798.61	838.94	838.94
55	1006.74	1057.39	1057.39
60	1213.94	1274.90	1274.90
65	1408.52	1479.17	1479.17
70	1579.03	1658.19	1658.19
75	1715.43	1801.39	1801.39
80	1810.02	1900.70	1900.70
85	1858.32	1951.41	1951.41
90	1859.41	1952.55	1952.55
95	1815.96	1906.94	1906.94
100	1733.88	1820.76	1820.76
105	1621.62	1702.90	1702.90
110	1489.51	1564.20	1564.20
115	1348.92	1416.60	1416.60
120	1211.62	1272.47	1272.47
125	1088.99	1143.73	1143.73
130	990.82	1040.68	1040.68
135	923.61	970.14	970.14
140	888.66	933.46	933.46
145	881.53	925.97	925.97
150	893.90	938.95	938.95
155	916.48	962.65	962.65
160	941.28	988.68	988.68
165	962.32	1010.77	1010.77
170	975.62	1024.73	1024.73
175	978.76	1028.03	1028.03

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	970.65	1019.51	1019.51
185	951.36	999.26	999.26
190	922.28	968.74	968.74
195	886.42	931.11	931.11
200	848.81	891.63	891.63
205	816.54	857.76	857.76
210	797.94	838.24	838.24
215	800.19	840.59	840.59
220	825.84	867.52	867.52
225	870.82	914.73	914.73
230	925.47	972.09	972.09
235	977.63	1026.84	1026.84
240	1015.63	1066.72	1066.72
245	1030.12	1081.93	1081.93
250	1015.18	1066.25	1066.25
255	968.71	1017.48	1017.48
260	892.42	937.40	937.40
265	791.31	831.28	831.28
270	672.82	706.94	706.94
275	545.71	573.58	573.58
280	418.80	440.50	440.50
285	299.88	315.94	315.94
290	194.87	206.25	210.01
295	107.69	116.00	141.43
300	42.77	51.85	117.37
305	34.40	44.45	116.43
310	68.10	76.06	115.83
315	97.34	105.44	116.18
320	120.53	129.18	129.18
325	139.32	148.56	148.56
330	155.01	164.81	164.81
335	168.49	178.81	178.81
340	180.42	191.20	191.20
345	191.24	202.47	202.47
350	200.98	212.62	212.62
355	208.85	220.82	220.82