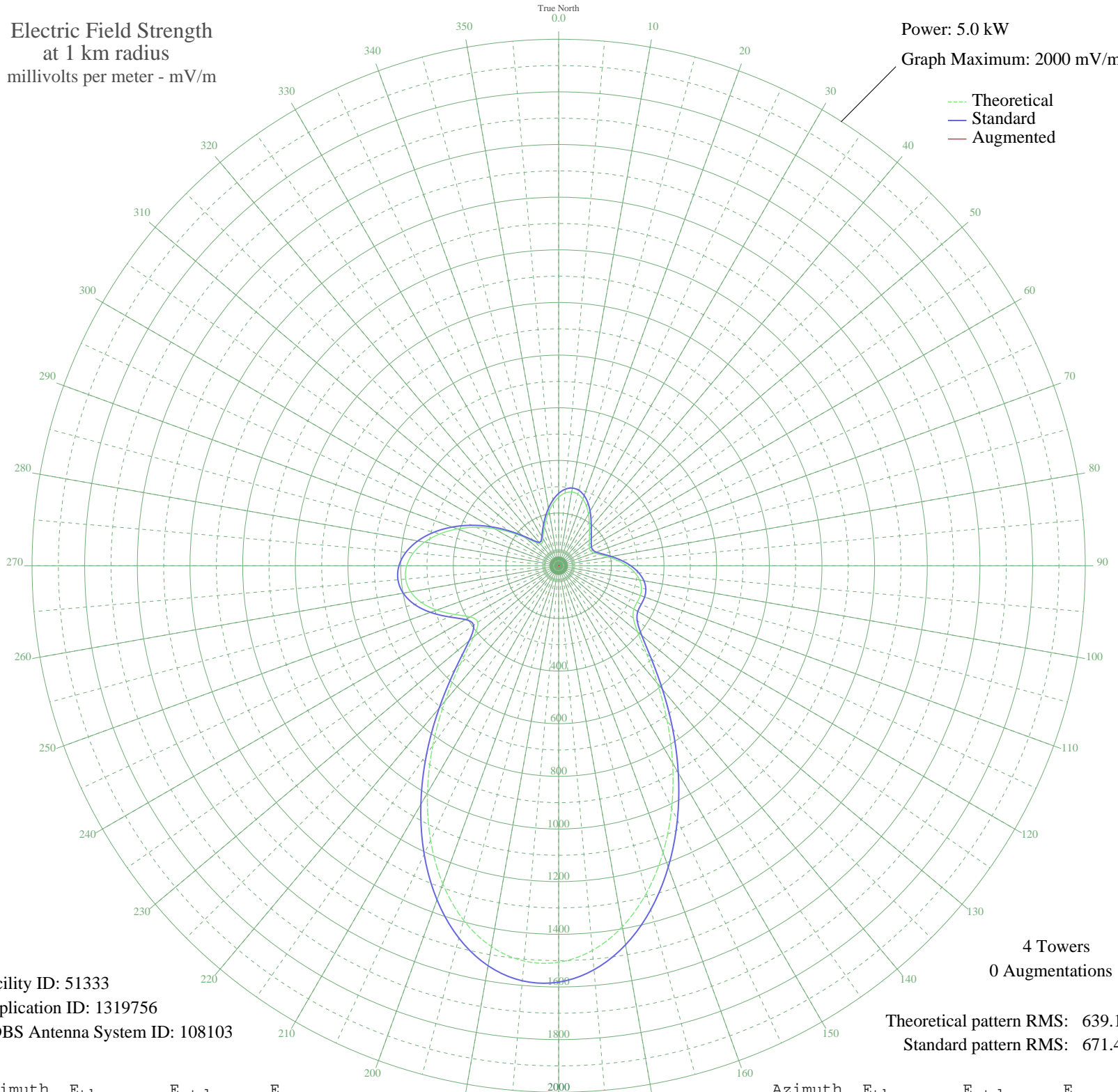


WNOG NAPLES, FL BL-20090508ACF 1270 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 51333
Application ID: 1319756
CDBS Antenna System ID: 108103

Theoretical pattern RMS: 639.12
Standard pattern RMS: 671.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	260.62	274.66	
5	277.12	291.92	
10	284.34	299.48	
15	281.42	296.42	
20	269.11	283.54	
25	249.68	263.21	
30	226.43	238.91	
35	202.98	214.42	
40	182.26	192.80	
45	165.57	175.43	
50	152.57	161.91	
55	142.34	151.30	
60	135.27	143.97	
65	134.06	142.70	
70	142.57	151.53	
75	162.55	172.29	
80	191.78	202.73	
85	225.76	238.21	
90	259.74	273.73	
95	289.60	304.99	
100	312.18	328.63	
105	325.63	342.72	
110	330.09	347.39	
115	328.84	346.08	
120	329.90	347.19	
125	346.32	364.39	
130	391.65	411.91	
135	471.97	496.12	
140	583.64	613.27	
145	718.02	754.29	
150	865.26	908.83	
155	1015.54	1066.58	
160	1159.35	1217.54	
165	1287.69	1352.28	
170	1392.51	1462.32	
175	1467.02	1540.55	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1506.23	1581.72	
185	1507.20	1582.74	
190	1469.31	1542.95	
195	1394.28	1464.18	
200	1286.12	1350.63	
205	1150.91	1208.69	
210	996.62	1046.71	
215	832.95	874.92	
220	671.72	705.70	
225	528.02	554.91	
230	422.02	443.74	
235	374.97	394.42	
240	388.64	408.75	
245	437.14	459.60	
250	492.75	517.92	
255	539.57	567.04	
260	570.48	599.47	
265	583.01	612.62	
270	577.15	606.46	
275	554.28	582.47	
280	516.63	542.97	
285	467.02	490.93	
290	408.69	429.76	
295	345.26	363.28	
300	280.71	295.68	
305	219.42	231.59	
310	166.43	176.32	
315	127.60	136.02	
320	108.27	116.08	
325	107.98	115.78	
330	119.45	127.60	
335	136.68	145.42	
340	157.88	167.43	
345	182.73	193.30	
350	210.05	221.80	
355	237.17	250.13	

10 Nov 2011

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Federal Communications Commission