

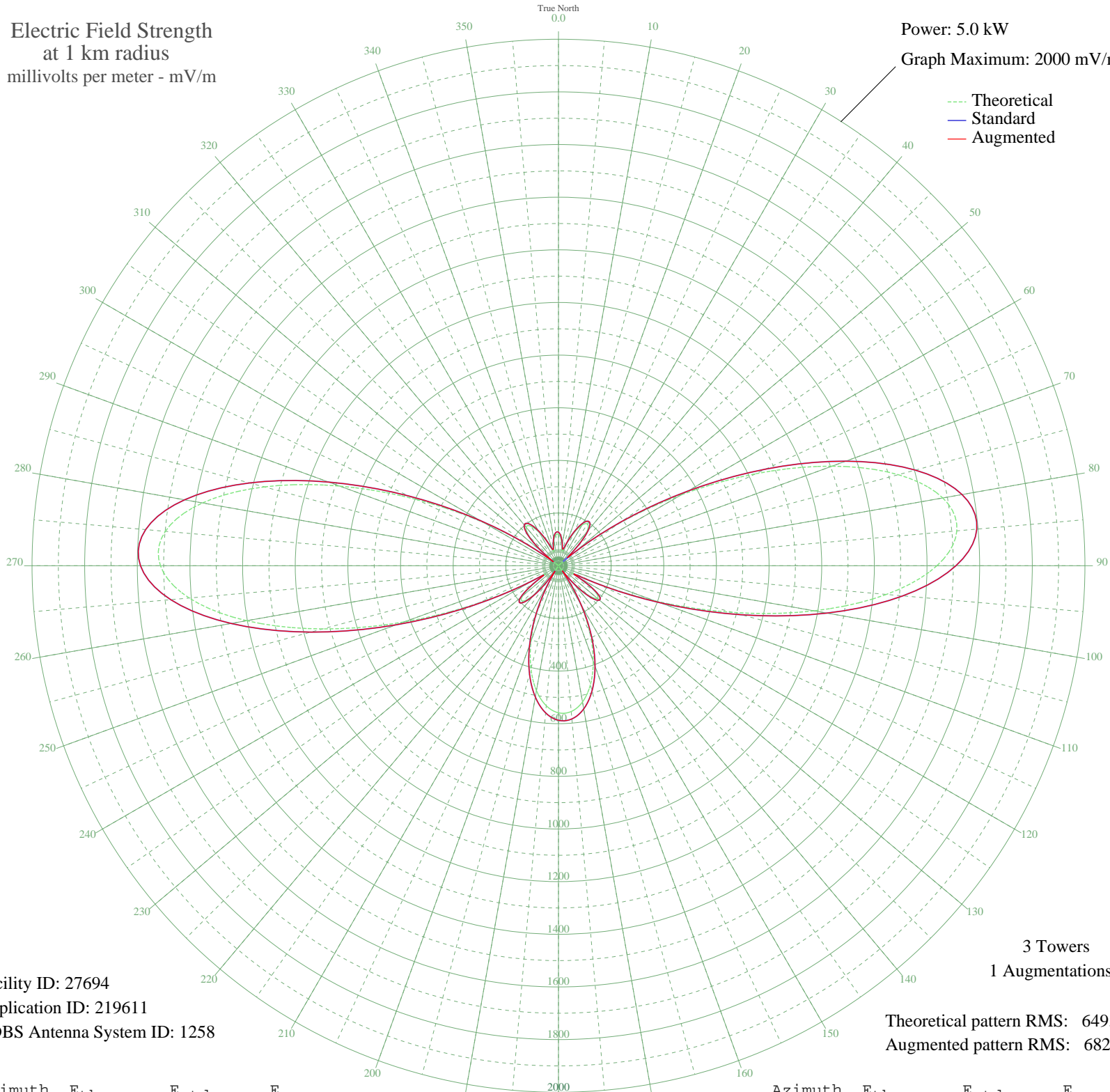
WLTG PANAMA CITY, FL BL-19960131AB 1430 kHz

Nighttime

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: 27694
Application ID: 219611
CDBS Antenna System ID: 1258

3 Towers
1 Augmentations

Theoretical pattern RMS: 649.15
Augmented pattern RMS: 682.02

Azimuth	E _{theo}	E _{std}	E _{aug}
0	119.43	127.60	127.60
5	103.43	111.14	111.14
10	74.97	82.19	82.19
15	56.93	64.28	64.28
20	85.53	92.86	92.86
25	135.48	144.20	144.20
30	177.45	187.82	187.82
35	192.98	204.00	204.00
40	165.78	175.67	175.67
45	82.24	89.52	89.94
50	65.66	72.88	76.78
55	276.90	291.71	291.71
60	538.87	566.31	566.31
65	826.73	868.38	868.38
70	1105.68	1161.20	1161.20
75	1336.40	1403.42	1403.42
80	1482.61	1556.92	1556.92
85	1519.09	1595.22	1595.22
90	1437.85	1509.92	1509.92
95	1250.51	1313.25	1313.25
100	986.15	1035.73	1035.73
105	685.06	719.70	719.70
110	390.71	410.92	410.92
115	144.83	153.89	153.89
120	76.86	84.09	84.09
125	166.88	176.81	176.81
130	192.57	203.57	203.57
135	154.71	164.15	164.15
140	70.05	77.26	77.26
145	42.26	50.27	50.27
150	164.56	174.40	174.40
155	282.58	297.65	297.65
160	386.02	406.01	406.01
165	468.27	492.25	492.25
170	525.54	552.32	552.32
175	555.93	584.21	584.21

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	558.71	587.12	587.12
185	533.80	560.99	560.99
190	481.81	506.45	506.45
195	404.33	425.20	425.20
200	304.69	320.80	320.80
205	188.90	199.74	199.74
210	66.43	73.65	73.65
215	49.20	56.81	56.81
220	140.91	149.83	149.83
225	189.62	200.50	200.50
230	177.65	188.03	188.03
235	97.55	105.12	105.12
240	106.59	114.39	114.39
245	336.28	353.89	353.89
250	624.29	655.93	655.93
255	927.47	974.13	974.13
260	1202.63	1262.98	1262.98
265	1408.16	1478.75	1478.75
270	1512.17	1587.95	1587.95
275	1499.22	1574.36	1574.36
280	1373.42	1442.28	1442.28
285	1156.94	1215.01	1215.01
290	884.46	928.99	928.99
295	595.37	625.59	625.59
300	325.86	342.97	342.97
305	103.06	110.77	110.77
310	57.92	65.25	65.25
315	153.94	163.35	163.35
320	191.45	202.41	202.41
325	183.22	193.82	193.82
330	145.15	154.23	154.23
335	95.06	102.57	102.57
340	58.81	66.12	66.12
345	69.18	76.39	76.39
350	98.40	105.99	105.99
355	117.59	125.71	125.71