

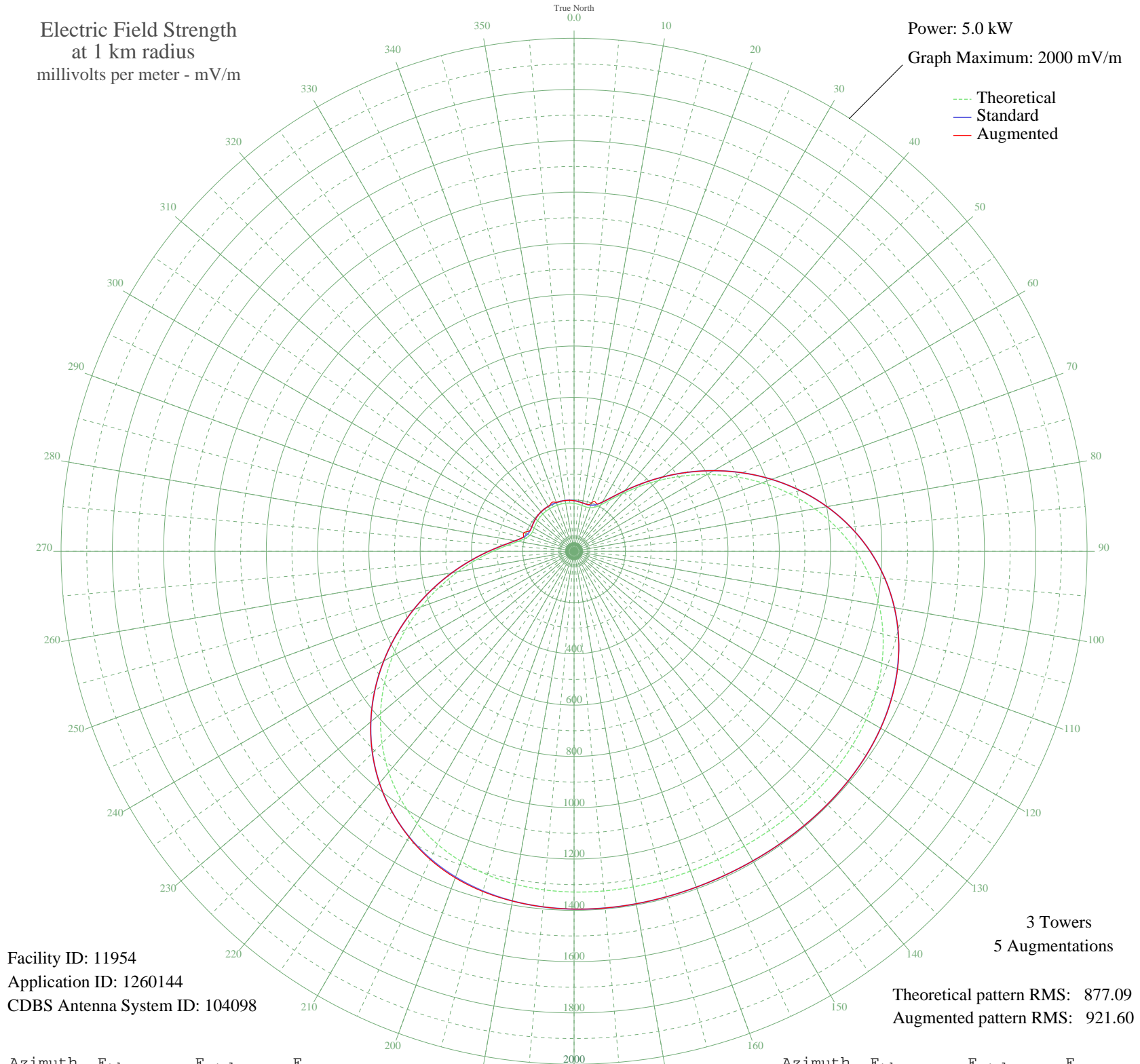
WWMI ST. PETERSBURG, FL BML-20080425ABV 1380 kHz

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: 11954  
Application ID: 1260144  
CDBS Antenna System ID: 104098

3 Towers  
5 Augmentations  
Theoretical pattern RMS: 877.09  
Augmented pattern RMS: 921.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	186.52	197.25	197.25
5	183.77	194.39	194.39
10	180.81	191.30	191.30
15	178.88	189.29	189.29
20	180.46	190.93	201.52
25	189.25	200.09	205.50
30	209.31	221.03	221.03
35	243.44	256.69	256.69
40	292.19	307.69	307.69
45	354.32	372.77	372.77
50	427.67	449.67	449.67
55	509.70	535.70	535.70
60	597.66	627.99	627.99
65	688.73	723.55	723.55
70	780.07	819.41	819.41
75	869.00	912.75	912.75
80	953.08	1001.01	1001.01
85	1030.25	1082.02	1082.02
90	1098.97	1154.15	1154.15
95	1158.21	1216.35	1216.35
100	1207.54	1268.14	1268.23
105	1247.05	1309.62	1310.13
110	1277.30	1341.37	1342.19
115	1299.22	1364.39	1365.05
120	1314.03	1379.93	1380.16
125	1323.08	1389.43	1389.43
130	1327.76	1394.34	1394.34
135	1329.43	1396.09	1396.09
140	1329.29	1395.95	1395.95
145	1328.35	1394.97	1394.97
150	1327.40	1393.97	1393.97
155	1326.92	1393.47	1393.47
160	1327.13	1393.69	1393.69
165	1327.94	1394.54	1394.54
170	1328.96	1395.60	1395.60
175	1329.52	1396.20	1396.20

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1328.72	1395.35	1395.35
185	1325.39	1391.86	1391.86
190	1318.26	1384.37	1384.85
195	1305.93	1371.42	1373.67
200	1287.00	1351.56	1355.11
205	1260.22	1323.44	1326.46
210	1224.50	1285.94	1287.13
215	1179.14	1238.32	1238.33
220	1123.84	1180.27	1180.27
225	1058.82	1112.01	1112.01
230	984.87	1034.38	1034.38
235	903.34	948.80	948.80
240	816.08	857.20	857.20
245	725.39	762.02	762.02
250	633.88	665.98	665.98
255	544.33	572.03	572.03
260	459.59	483.14	483.14
265	382.45	402.26	402.26
270	315.54	332.15	332.15
275	261.22	275.29	275.29
280	221.19	233.44	233.44
285	195.72	206.84	206.84
290	182.87	193.45	209.21
295	178.91	189.32	189.32
300	179.81	190.25	190.25
305	182.57	193.13	193.13
310	185.49	196.17	196.17
315	187.84	198.63	198.63
320	189.47	200.32	200.32
325	190.46	201.35	201.35
330	190.97	201.89	201.89
335	191.16	202.09	208.54
340	191.08	202.00	202.69
345	190.71	201.62	201.62
350	189.93	200.80	200.80
355	188.58	199.40	199.40