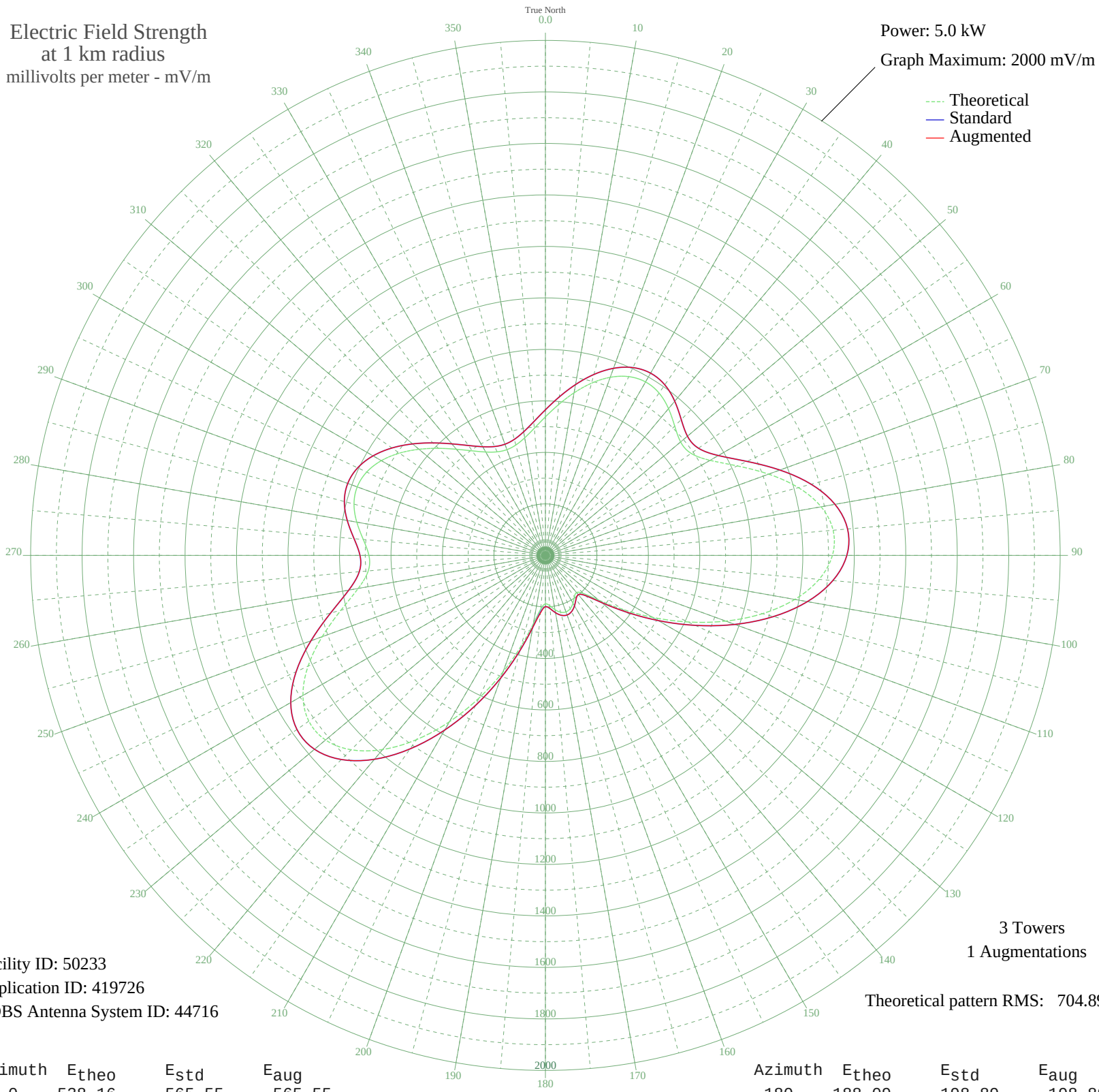
WWCL LEHIGH ACRES, FL BL-12909 1440 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
1 Augmentations

Facility ID: 50233
Application ID: 419726
CDBS Antenna System ID: 44716

Theoretical pattern RMS: 704.89

Azimuth	E_{theo}	E_{std}	E_{aug}
0	538.16	565.55	565.55
5	588.02	617.87	617.87
10	641.20	673.66	673.66
15	692.50	727.50	727.50
20	736.08	773.24	773.24
25	766.16	804.81	804.81
30	778.09	817.33	817.33
35	769.87	808.70	808.70
40	744.15	781.71	781.71
45	710.36	746.25	746.25
50	685.69	720.35	720.35
55	690.92	725.84	725.84
60	738.50	775.78	775.78
65	822.49	863.93	863.93
70	922.98	969.41	969.41
75	1017.49	1068.62	1068.62
80	1087.81	1142.44	1142.44
85	1122.12	1178.46	1178.46
90	1115.14	1171.13	1171.13
95	1067.36	1120.98	1120.98
100	983.99	1033.46	1033.46
105	873.43	917.40	917.40
110	745.81	783.45	783.45
115	611.68	642.69	642.69
120	481.18	505.78	505.78
125	363.89	382.80	382.80
130	269.61	284.06	284.06
135	209.03	220.73	220.73
140	188.09	198.89	198.89
145	196.25	207.39	207.39
150	213.93	225.86	225.86
155	228.18	240.73	240.73
160	233.41	246.20	246.20
165	228.18	240.73	240.73
170	213.94	225.86	225.86
175	196.25	207.39	207.39

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	188.09	198.89	198.89
185	209.02	220.73	225.31
190	269.61	284.06	284.06
195	363.89	382.80	382.80
200	481.18	505.78	505.78
205	611.68	642.69	642.69
210	745.81	783.45	783.45
215	873.43	917.40	917.40
220	983.99	1033.46	1033.46
225	1067.36	1120.98	1120.98
230	1115.13	1171.13	1171.13
235	1122.12	1178.46	1178.46
240	1087.81	1142.44	1142.44
245	1017.49	1068.62	1068.62
250	922.98	969.41	969.41
255	822.49	863.93	863.93
260	738.50	775.78	775.78
265	690.92	725.84	725.84
270	685.69	720.35	720.35
275	710.36	746.25	746.25
280	744.15	781.71	781.71
285	769.87	808.70	808.70
290	778.09	817.33	817.33
295	766.16	804.81	804.81
300	736.08	773.24	773.24
305	692.50	727.50	727.50
310	641.20	673.66	673.66
315	588.02	617.87	617.87
320	538.16	565.55	565.55
325	495.73	521.05	521.05
330	463.69	487.44	487.44
335	443.85	466.64	466.64
340	437.15	459.61	459.61
345	443.85	466.64	466.64
350	463.69	487.44	487.44
355	495.73	521.05	521.05