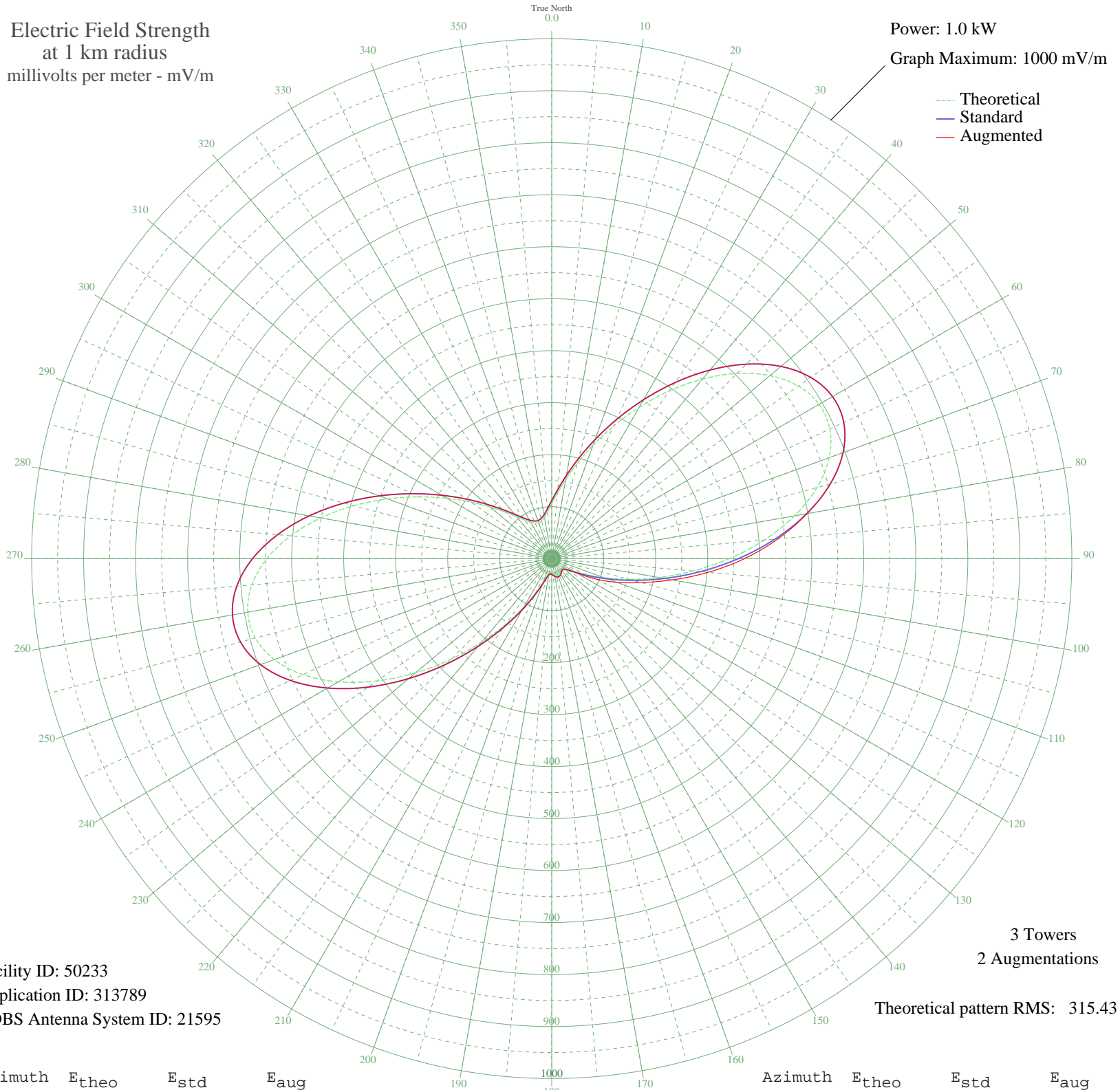


# WWCL LEHIGH ACRES, FL BL-- 1440 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 50233  
Application ID: 313789  
CDBS Antenna System ID: 21595

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 315.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	105.94	111.73	111.73
5	126.87	133.62	133.62
10	154.54	162.61	162.61
15	189.54	199.29	199.29
20	231.97	243.79	243.79
25	281.25	295.50	295.50
30	335.93	352.88	352.88
35	393.58	413.39	413.39
40	450.85	473.50	473.50
45	503.69	528.98	528.98
50	547.74	575.22	575.22
55	578.83	607.86	607.86
60	593.58	623.35	623.35
65	589.95	619.54	619.54
70	567.56	596.03	596.03
75	527.85	554.35	554.35
80	473.94	497.75	498.62
85	410.18	430.81	436.60
90	341.56	358.79	370.72
95	273.10	286.95	301.81
100	209.23	219.94	235.49
105	153.35	161.36	177.88
110	107.61	113.48	133.43
115	72.94	77.30	91.73
120	49.14	52.65	54.84
125	35.00	38.22	38.22
130	28.29	31.51	31.51
135	26.32	29.56	29.56
140	27.03	30.26	30.26
145	29.13	32.34	32.34
150	31.57	34.77	34.77
155	33.45	36.66	36.66
160	34.15	37.36	37.36
165	33.45	36.66	36.66
170	31.57	34.77	34.77
175	29.13	32.34	32.34

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	27.03	30.26	30.26
185	26.32	29.56	29.56
190	28.29	31.51	31.51
195	35.00	38.22	38.22
200	49.14	52.65	52.65
205	72.94	77.30	77.30
210	107.61	113.48	113.48
215	153.35	161.36	161.36
220	209.23	219.94	219.94
225	273.10	286.95	286.95
230	341.56	358.79	358.79
235	410.18	430.81	430.81
240	473.94	497.75	497.75
245	527.85	554.35	554.35
250	567.56	596.03	596.03
255	589.95	619.54	619.54
260	593.58	623.35	623.35
265	578.83	607.86	607.86
270	547.74	575.22	575.22
275	503.69	528.98	528.98
280	450.85	473.50	473.50
285	393.58	413.39	413.39
290	335.93	352.88	352.88
295	281.25	295.50	295.50
300	231.97	243.79	243.79
305	189.54	199.29	199.29
310	154.54	162.61	162.61
315	126.87	133.62	133.62
320	105.94	111.73	111.73
325	90.93	96.05	96.05
330	80.98	85.67	85.67
335	75.34	79.80	79.80
340	73.52	77.90	77.90
345	75.34	79.80	79.80
350	80.98	85.67	85.67
355	90.93	96.05	96.05

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.

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10 Nov 2011

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission