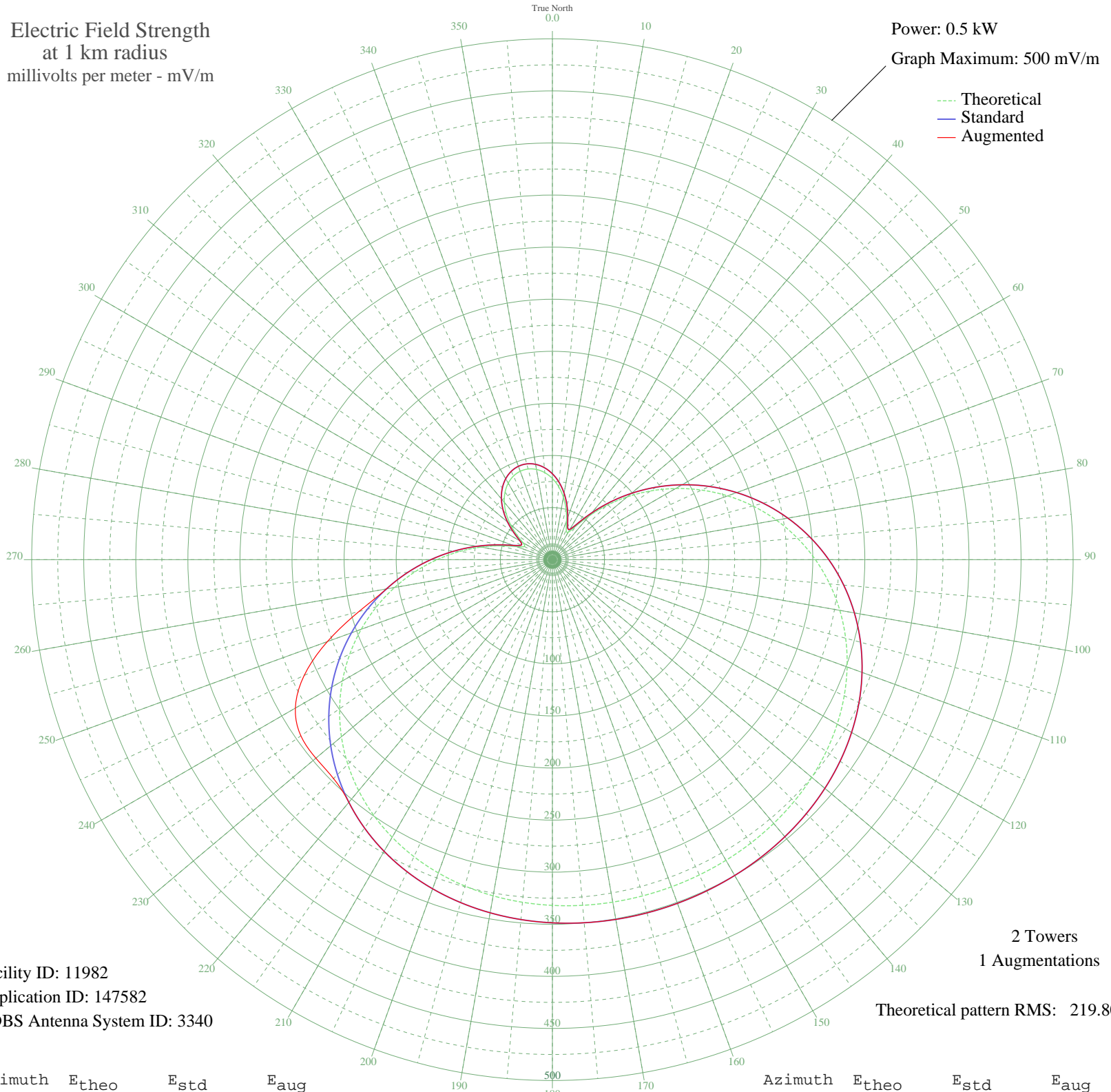


WCPA CLEARFIELD, PA BL-19900420AE 900 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 11982  
Application ID: 147582  
CDBS Antenna System ID: 3340

2 Towers  
1 Augmentations  
Theoretical pattern RMS: 219.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	77.89	82.45	82.45
5	70.15	74.40	74.40
10	60.85	64.75	64.75
15	50.40	53.95	53.95
20	39.78	43.06	43.06
25	31.44	34.65	34.65
30	30.40	33.61	33.61
35	39.34	42.62	42.62
40	54.77	58.46	58.46
45	73.43	77.81	77.81
50	93.78	99.02	99.02
55	115.01	121.21	121.21
60	136.58	143.79	143.79
65	158.06	166.29	166.29
70	179.07	188.32	188.32
75	199.29	209.51	209.51
80	218.42	229.58	229.58
85	236.24	248.27	248.27
90	252.56	265.39	265.39
95	267.25	280.81	280.81
100	280.25	294.45	294.45
105	291.54	306.29	306.29
110	301.16	316.39	316.39
115	309.19	324.82	324.82
120	315.76	331.72	331.72
125	321.02	337.23	337.23
130	325.12	341.54	341.54
135	328.24	344.81	344.81
140	330.53	347.22	347.22
145	332.16	348.93	348.93
150	333.26	350.08	350.08
155	333.92	350.77	350.77
160	334.22	351.09	351.09
165	334.19	351.05	351.05
170	333.82	350.67	350.67
175	333.08	349.89	349.89

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	331.88	348.64	348.64
185	330.13	346.80	346.80
190	327.68	344.23	344.23
195	324.38	340.76	340.76
200	320.07	336.23	336.23
205	314.56	330.46	330.46
210	307.71	323.26	323.26
215	299.36	314.51	314.51
220	289.41	304.07	304.07
225	277.79	291.86	291.86
230	264.45	277.87	277.87
235	249.42	262.10	262.10
240	232.79	244.66	244.66
245	214.69	225.67	225.67
250	195.32	205.35	205.35
255	174.92	183.97	183.97
260	153.79	161.82	161.82
265	132.26	139.27	139.27
270	110.72	116.73	116.73
275	89.61	94.68	94.68
280	69.53	73.75	73.75
285	51.35	54.93	54.93
290	36.89	40.13	40.13
295	29.79	32.99	32.99
300	32.72	35.92	35.92
305	41.83	45.16	45.16
310	52.55	56.16	56.16
315	62.82	66.79	66.79
320	71.83	76.15	76.15
325	79.22	83.85	83.85
330	84.82	89.68	89.68
335	88.53	93.54	93.54
340	90.29	95.39	95.39
345	90.09	95.18	95.18
350	87.94	92.93	92.93
355	83.85	88.67	88.67