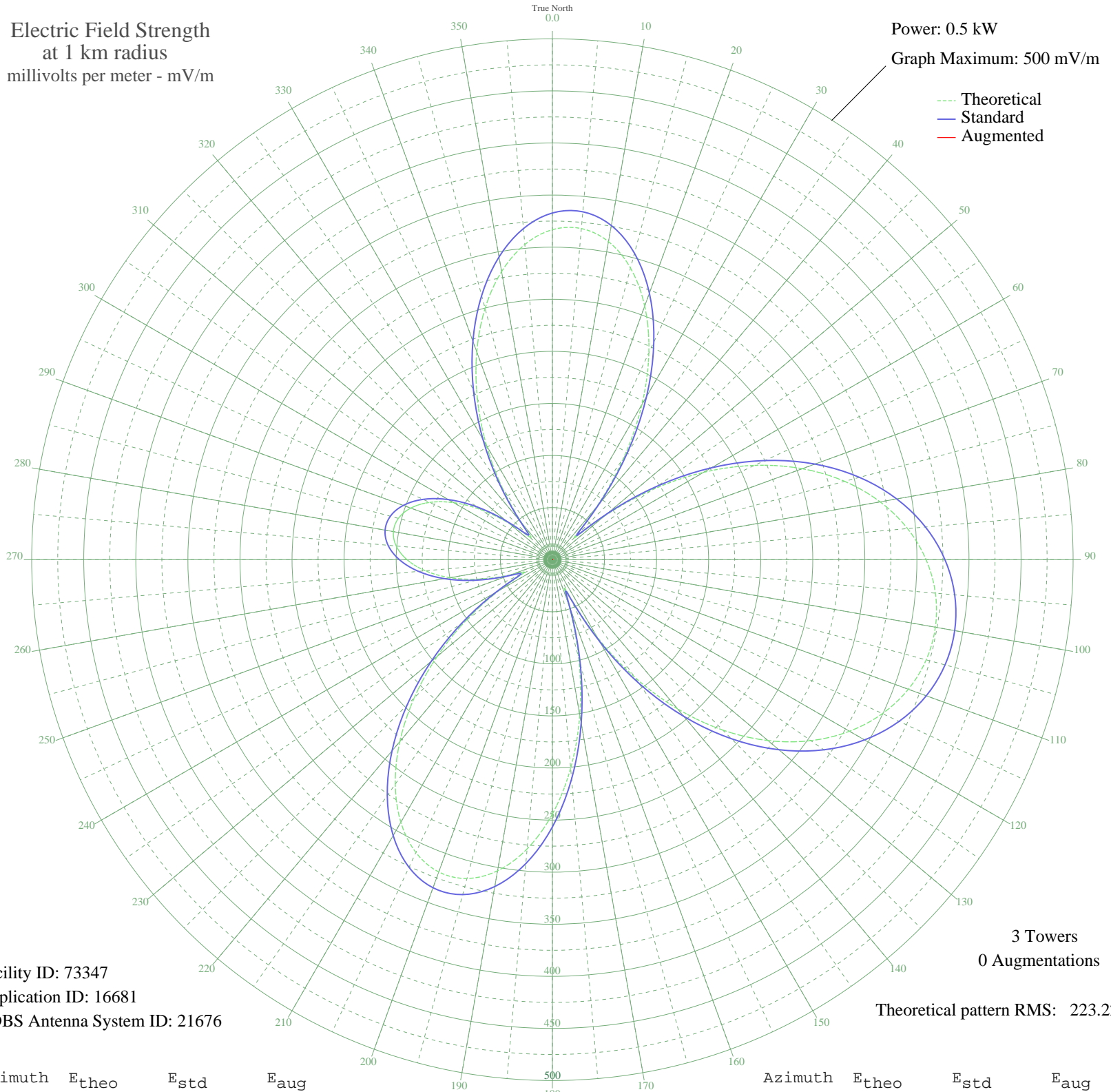


# WNPV LANSDALE, PA BL-19800104AG 1440 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 73347  
Application ID: 16681  
CDBS Antenna System ID: 21676

3 Towers  
0 Augmentations

Theoretical pattern RMS: 223.22

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	316.79	332.80	
5	319.09	335.21	
10	310.07	325.74	
15	289.84	304.51	
20	259.12	272.28	
25	219.20	230.40	
30	171.87	180.77	
35	119.47	125.88	
40	65.65	69.73	
45	29.34	32.54	
50	64.69	68.73	
55	116.99	123.29	
60	167.70	176.39	
65	214.17	225.12	
70	255.31	268.28	
75	290.54	305.24	
80	319.57	335.71	
85	342.33	359.60	
90	358.84	376.93	
95	369.18	387.78	
100	373.43	392.24	
105	371.61	390.33	
110	363.71	382.04	
115	349.68	367.31	
120	329.43	346.06	
125	302.90	318.22	
130	270.13	283.83	
135	231.31	243.10	
140	186.87	196.50	
145	137.67	144.94	
150	85.45	90.34	
155	37.33	40.58	
160	45.97	49.40	
165	97.79	103.21	
170	151.37	159.28	
175	201.04	211.35	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	244.17	256.59	
185	278.75	292.88	
190	303.29	318.63	
195	316.85	332.85	
200	319.05	335.17	
205	310.17	325.85	
210	291.06	305.79	
215	263.06	276.41	
220	227.91	239.54	
225	187.60	197.26	
230	144.30	151.88	
235	100.35	105.89	
240	58.97	62.81	
245	30.53	33.73	
250	42.55	45.90	
255	71.89	76.21	
260	99.61	105.11	
265	122.49	129.05	
270	139.60	146.96	
275	150.52	158.39	
280	155.04	163.13	
285	153.10	161.10	
290	144.73	152.33	
295	130.06	136.97	
300	109.41	115.36	
305	83.45	88.25	
310	54.00	57.66	
315	30.34	33.54	
320	44.71	48.11	
325	83.23	88.02	
330	126.66	133.40	
335	170.52	179.35	
340	212.29	223.15	
345	249.75	262.45	
350	280.84	295.07	
355	303.69	319.05	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission