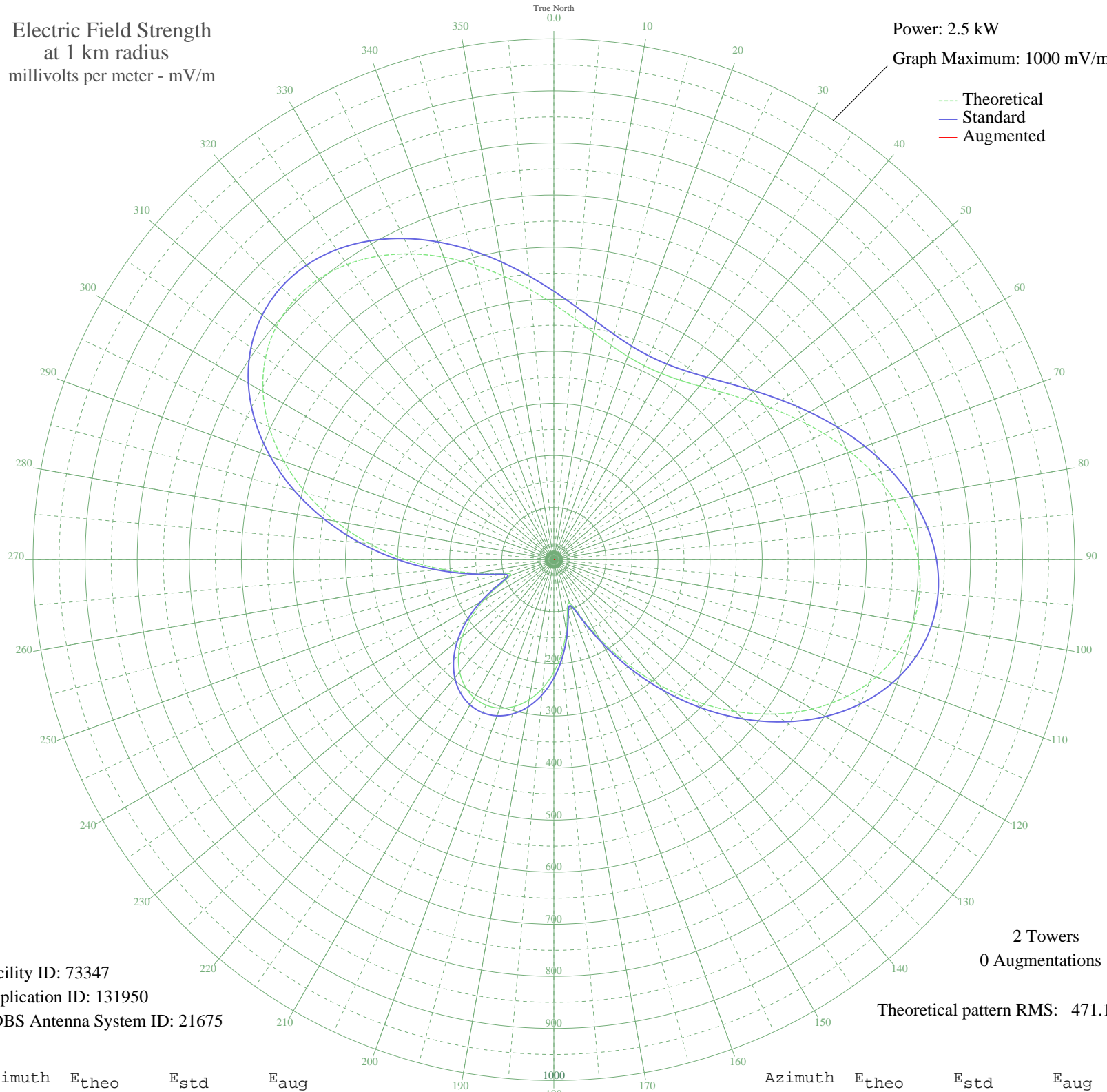


# WNPV LANSDALE, PA BL-19890802AE 1440 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 73347  
Application ID: 131950  
CDBS Antenna System ID: 21675

2 Towers  
0 Augmentations

Theoretical pattern RMS: 471.19

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	490.44	515.22	
5	464.10	487.59	
10	442.33	464.75	
15	425.89	447.49	
20	415.29	436.37	
25	410.88	431.74	
30	412.77	433.73	
35	420.92	442.28	
40	435.08	457.14	
45	454.80	477.83	
50	479.41	503.66	
55	508.02	533.68	
60	539.48	566.70	
65	572.42	601.27	
70	605.26	635.74	
75	636.24	668.26	
80	663.52	696.89	
85	685.24	719.70	
90	699.65	734.82	
95	705.20	740.65	
100	700.66	735.88	
105	685.23	719.69	
110	658.62	691.75	
115	621.06	652.32	
120	573.33	602.23	
125	516.74	542.83	
130	453.00	475.94	
135	384.24	403.79	
140	312.86	328.93	
145	241.69	254.32	
150	174.43	183.90	
155	117.85	124.85	
160	87.94	93.82	
165	100.81	107.14	
170	137.74	145.58	
175	178.48	188.14	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	215.93	227.33	
185	247.76	260.68	
190	273.12	287.25	
195	291.69	306.72	
200	303.38	318.98	
205	308.19	324.03	
210	306.13	321.87	
215	297.19	312.49	
220	281.37	295.90	
225	258.71	272.15	
230	229.40	241.45	
235	194.04	204.41	
240	154.16	162.71	
245	114.24	121.10	
250	88.27	94.16	
255	101.33	107.69	
260	149.92	158.29	
265	214.05	225.36	
270	284.19	298.86	
275	355.86	374.02	
280	425.97	447.58	
285	491.99	516.86	
290	551.67	579.49	
295	603.13	633.50	
300	644.88	677.33	
305	675.93	709.92	
310	695.83	730.80	
315	704.65	740.07	
320	703.01	738.35	
325	691.98	726.77	
330	672.98	706.82	
335	647.70	680.29	
340	617.98	649.09	
345	585.67	615.17	
350	552.57	580.43	
355	520.34	546.60	

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