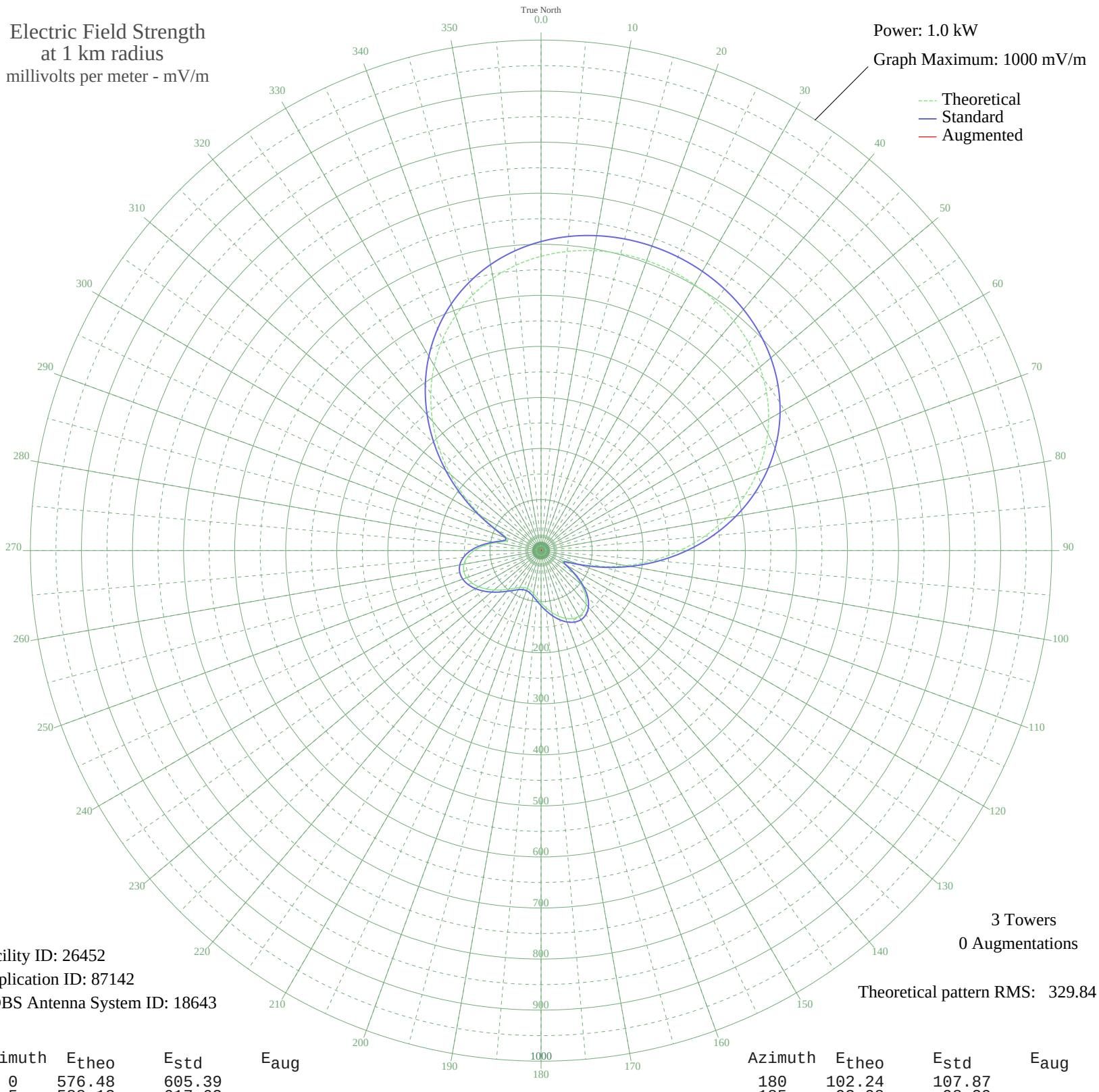
WSPQ SPRINGVILLE, NY BL-19860408AC 1330 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 26452
Application ID: 87142
CDBS Antenna System ID: 18643

Theoretical pattern RMS: 329.84

Azimuth	E_{theo}	E_{std}	E_{aug}
0	576.48	605.39	
5	588.13	617.62	
10	596.48	626.39	
15	601.83	632.01	
20	604.41	634.72	
25	604.31	634.61	
30	601.52	631.68	
35	595.90	625.79	
40	587.21	616.66	
45	575.12	603.97	
50	559.25	587.31	
55	539.20	566.26	
60	514.64	540.47	
65	485.30	509.67	
70	451.09	473.76	
75	412.13	432.87	
80	368.79	387.37	
85	321.69	337.94	
90	271.79	285.58	
95	220.32	231.58	
100	168.87	177.62	
105	119.54	125.95	
110	75.97	80.45	
115	48.14	51.62	
120	53.34	56.98	
125	77.62	82.17	
130	102.43	108.06	
135	122.64	129.20	
140	137.03	144.27	
145	145.51	153.14	
150	148.50	156.28	
155	146.78	154.48	
160	141.28	148.72	
165	133.04	140.09	
170	123.12	129.70	
175	112.54	118.63	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	102.24	107.87	
185	93.08	98.29	
190	85.76	90.66	
195	80.87	85.56	
200	78.79	83.40	
205	79.71	84.35	
210	83.54	88.34	
215	89.99	95.07	
220	98.61	104.07	
225	108.80	114.72	
230	119.87	126.30	
235	130.99	137.94	
240	141.23	148.66	
245	149.60	157.43	
250	155.07	163.16	
255	156.66	164.83	
260	153.51	161.53	
265	145.02	152.63	
270	130.96	137.91	
275	111.90	117.97	
280	89.99	95.07	
285	71.57	75.88	
290	70.51	74.78	
295	94.63	99.92	
300	134.53	141.65	
305	181.57	190.93	
310	231.43	243.23	
315	281.59	295.86	
320	330.31	346.98	
325	376.26	395.21	
330	418.49	439.54	
335	456.38	479.32	
340	489.59	514.17	
345	518.02	544.02	
350	541.78	568.97	
355	561.16	589.31	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission