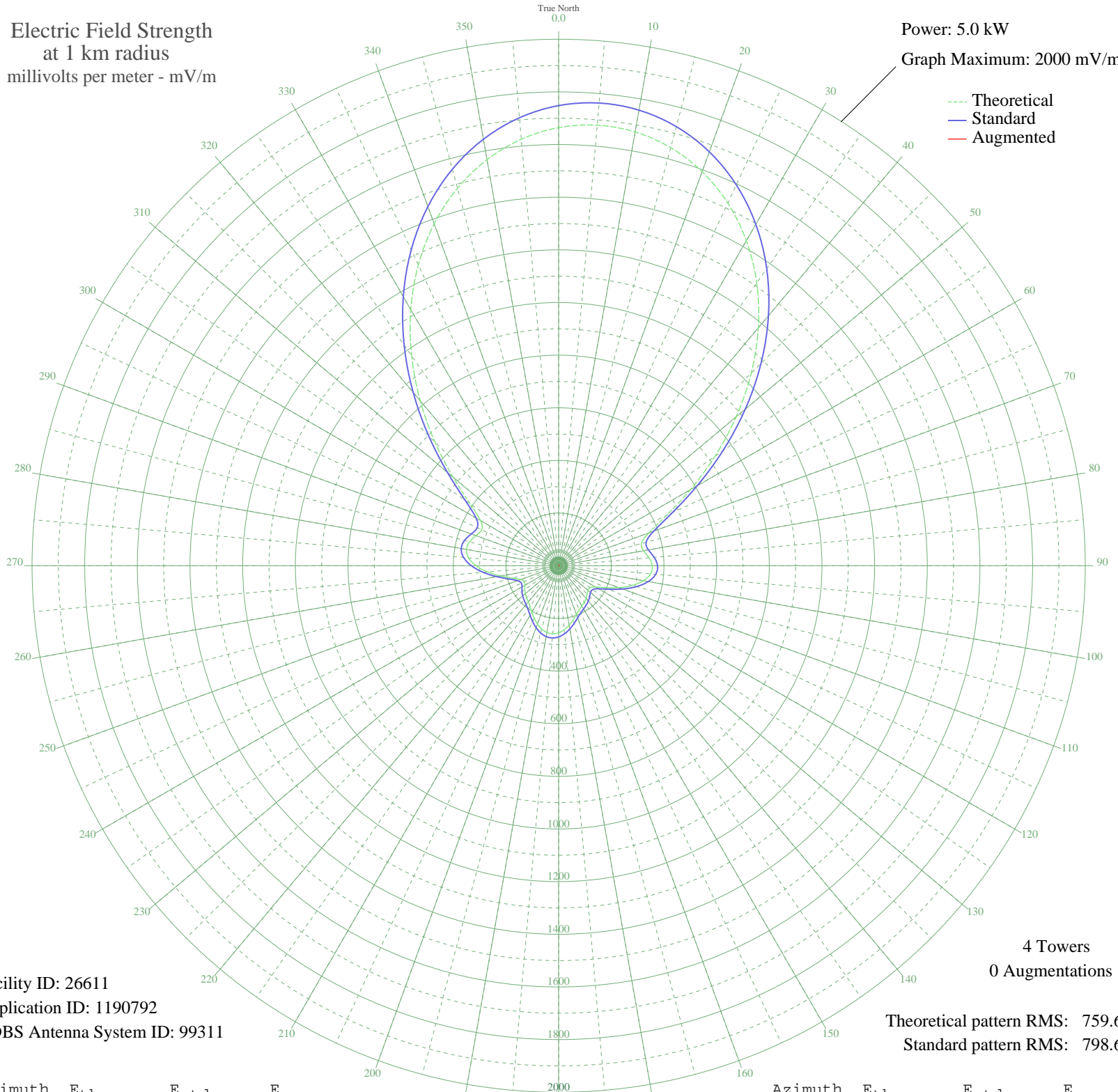


WFNN ERIE, PA BL-20070607AEX 1330 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 26611  
Application ID: 1190792  
CDBS Antenna System ID: 99311

Theoretical pattern RMS: 759.60  
Standard pattern RMS: 798.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1664.25	1747.94	
5	1679.87	1764.33	
10	1673.17	1757.31	
15	1644.18	1726.88	
20	1593.00	1673.14	
25	1519.91	1596.43	
30	1425.64	1497.48	
35	1311.53	1377.72	
40	1179.92	1239.59	
45	1034.40	1086.89	
50	880.20	925.11	
55	724.54	761.87	
60	577.26	607.50	
65	451.57	475.91	
70	363.76	384.13	
75	325.38	344.09	
80	327.51	346.31	
85	344.65	364.18	
90	355.61	375.62	
95	350.37	370.16	
100	327.11	345.89	
105	289.10	306.30	
110	242.92	258.32	
115	197.35	211.21	
120	162.27	175.22	
125	145.21	157.85	
130	145.10	157.74	
135	153.25	166.03	
140	162.18	175.13	
145	169.40	182.51	
150	176.10	189.37	
155	184.75	198.24	
160	196.99	210.84	
165	212.46	226.79	
170	229.04	243.94	
175	243.93	259.36	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	254.59	270.43	
185	259.28	275.29	
190	257.25	273.18	
195	248.82	264.44	
200	235.35	250.47	
205	219.11	233.67	
210	202.88	216.91	
215	189.18	202.80	
220	179.19	192.54	
225	172.01	185.18	
230	165.27	178.28	
235	156.98	169.82	
240	147.90	160.58	
245	143.54	156.16	
250	153.10	165.87	
255	181.52	194.93	
260	224.08	238.80	
265	271.16	287.64	
270	313.37	331.56	
275	343.14	362.61	
280	355.71	375.72	
285	350.56	370.36	
290	334.01	353.08	
295	322.68	341.27	
300	342.40	361.83	
305	410.98	433.46	
310	523.52	551.22	
315	663.97	698.37	
320	817.63	859.48	
325	973.41	1022.89	
330	1123.13	1179.99	
335	1260.82	1324.49	
340	1382.27	1451.96	
345	1484.69	1559.46	
350	1566.36	1645.19	
355	1626.36	1708.17	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission