

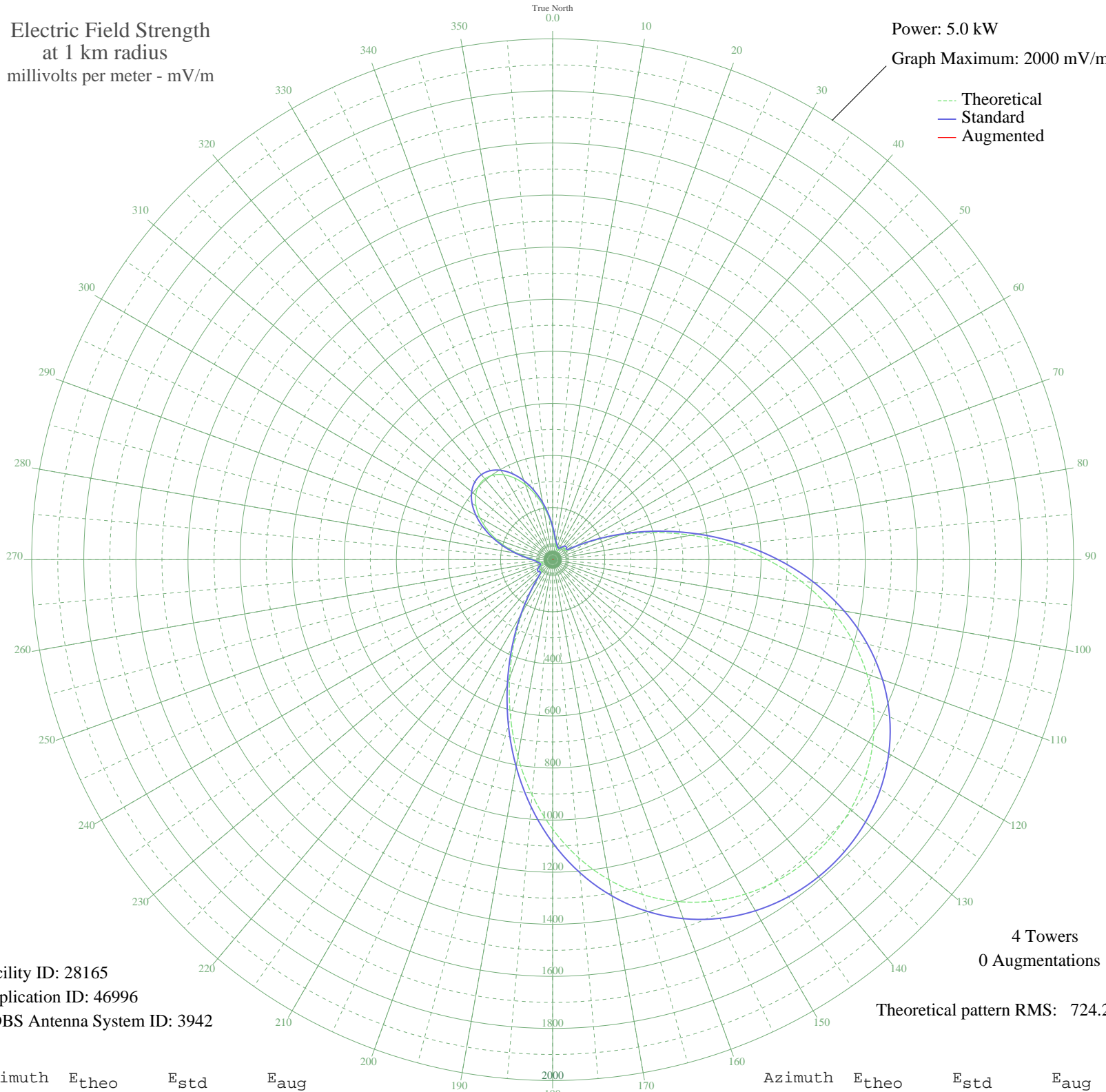
# WTGM SALISBURY, MD BL-19820916AR 960 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 28165  
Application ID: 46996  
CDBS Antenna System ID: 3942

4 Towers  
0 Augmentations

Theoretical pattern RMS: 724.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	119.29	127.97	
5	85.37	93.40	
10	63.94	72.08	
15	53.03	61.55	
20	46.26	55.20	
25	40.61	50.06	
30	40.26	49.75	
35	48.54	57.32	
40	59.32	67.58	
45	64.34	72.47	
50	60.37	68.60	
55	59.90	68.15	
60	95.97	104.12	
65	172.39	182.90	
70	277.07	292.11	
75	401.81	422.72	
80	539.34	566.91	
85	682.43	717.03	
90	824.31	865.92	
95	959.13	1007.43	
100	1082.39	1136.81	
105	1191.04	1250.87	
110	1283.46	1347.89	
115	1359.22	1427.42	
120	1418.72	1489.89	
125	1462.88	1536.25	
130	1492.76	1567.62	
135	1509.29	1584.97	
140	1513.06	1588.93	
145	1504.23	1579.66	
150	1482.46	1556.80	
155	1446.99	1519.57	
160	1396.82	1466.90	
165	1330.91	1397.70	
170	1248.49	1311.18	
175	1149.47	1207.23	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1034.70	1086.76	
185	906.37	952.05	
190	768.10	806.94	
195	624.97	656.75	
200	483.26	508.10	
205	349.98	368.41	
210	232.38	245.40	
215	137.86	147.11	
220	75.96	83.96	
225	57.59	65.91	
230	62.82	70.98	
235	63.41	71.56	
240	55.29	63.71	
245	44.42	53.51	
250	39.35	48.94	
255	42.60	51.86	
260	48.83	57.59	
265	56.52	64.88	
270	70.99	79.02	
275	97.54	105.72	
280	135.75	144.93	
285	181.70	192.58	
290	230.86	243.82	
295	279.07	294.20	
300	322.77	339.92	
305	359.05	377.91	
310	385.72	405.85	
315	401.29	422.17	
320	404.93	425.99	
325	396.46	417.11	
330	376.31	396.00	
335	345.58	363.81	
340	306.03	322.40	
345	260.14	274.41	
350	211.09	223.19	
355	162.68	172.82	