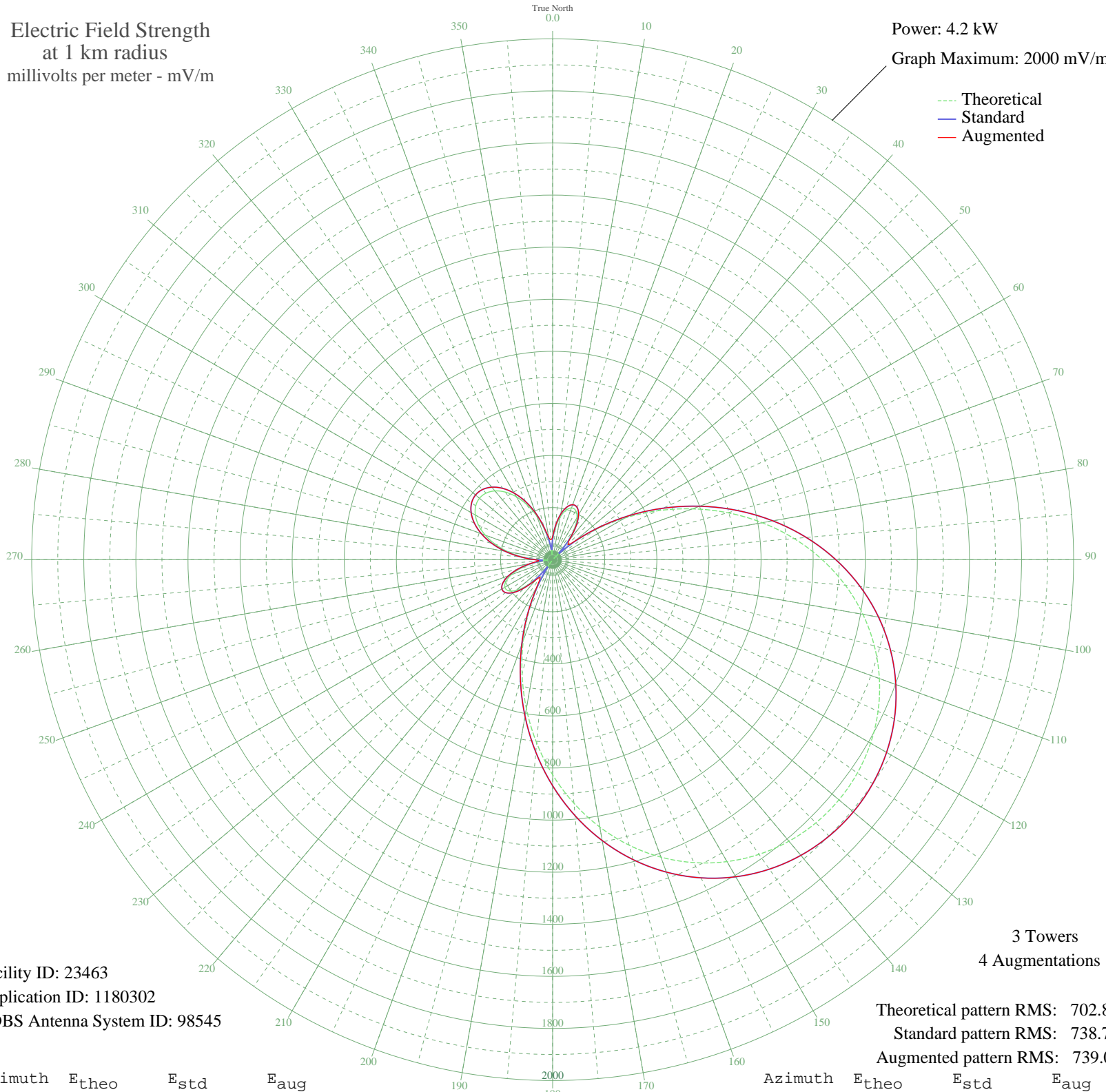


WTKT HARRISBURG, PA BL-20070326AHP 1460 kHz

Nighttime

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

Power: 4.2 kW  
Graph Maximum: 2000 mV/m



Facility ID: 23463  
Application ID: 1180302  
CDBS Antenna System ID: 98545

3 Towers  
4 Augmentations

Theoretical pattern RMS: 702.80  
Standard pattern RMS: 738.70  
Augmented pattern RMS: 739.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	69.96	80.36	89.57
5	122.26	132.45	132.45
10	165.60	176.91	176.91
15	196.32	208.69	208.69
20	211.49	224.44	224.44
25	208.85	221.70	221.70
30	186.89	198.92	198.92
35	145.01	155.71	155.71
40	83.61	93.64	101.22
45	5.87	33.16	83.70
50	92.07	102.02	109.01
55	200.88	213.42	213.42
60	319.41	336.96	336.96
65	443.92	467.25	467.25
70	570.65	600.07	600.07
75	696.04	731.56	731.56
80	816.89	858.35	858.35
85	930.52	977.59	977.59
90	1034.79	1087.02	1087.02
95	1128.15	1185.01	1185.01
100	1209.59	1270.49	1270.49
105	1278.54	1342.87	1342.87
110	1334.80	1401.92	1401.92
115	1378.38	1447.66	1447.66
120	1409.44	1480.27	1480.27
125	1428.17	1499.93	1499.93
130	1434.72	1506.81	1506.81
135	1429.14	1500.95	1500.95
140	1411.39	1482.32	1482.32
145	1381.32	1450.75	1450.75
150	1338.75	1406.06	1406.06
155	1283.51	1348.08	1348.08
160	1215.57	1276.77	1276.77
165	1135.12	1192.32	1192.32
170	1042.68	1095.29	1095.29
175	939.23	986.73	986.73

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	826.28	868.20	868.20
185	705.91	741.92	741.92
190	580.77	610.68	610.68
195	454.02	477.84	477.84
200	329.20	347.19	347.19
205	210.05	222.95	222.95
210	100.33	110.27	123.01
215	5.58	33.11	83.90
220	77.89	88.03	103.54
225	140.81	151.39	151.39
230	184.27	196.21	196.21
235	207.82	220.63	220.63
240	211.96	224.93	224.93
245	198.14	210.58	210.58
250	168.56	179.97	179.97
255	126.11	136.37	136.37
260	74.36	84.60	87.43
265	22.18	40.05	54.57
270	52.87	64.37	71.17
275	113.81	123.87	124.00
280	173.30	184.86	184.86
285	227.91	241.51	241.51
290	275.40	291.00	291.00
295	314.10	331.41	331.41
300	342.73	361.34	361.34
305	360.44	379.87	379.87
310	366.71	386.43	386.43
315	361.37	380.83	380.83
320	344.56	363.25	363.25
325	316.77	334.20	334.20
330	278.84	294.59	294.59
335	231.99	245.76	245.76
340	177.88	189.60	189.60
345	118.69	128.81	129.24
350	57.64	68.74	87.70
355	19.74	38.62	76.89