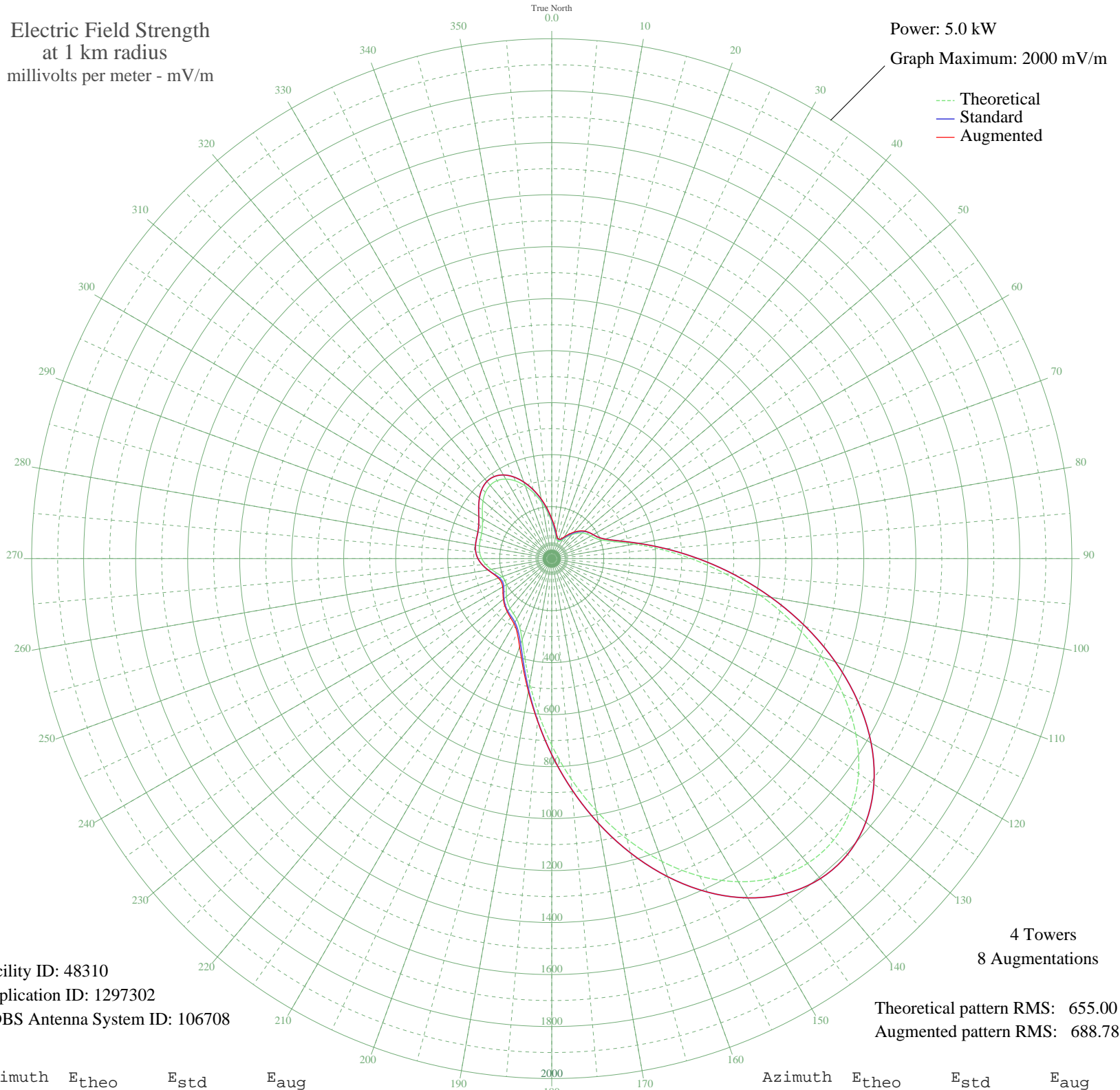


WISP DOYLESTOWN, PA BML-20090219AEX 1570 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 48310
Application ID: 1297302
CDBS Antenna System ID: 106708

4 Towers
8 Augmentations

Theoretical pattern RMS: 655.00
Augmented pattern RMS: 688.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	142.41	151.36	154.18
5	112.10	120.02	125.53
10	89.42	96.79	100.22
15	75.40	82.58	82.58
20	70.55	77.71	80.47
25	74.59	81.76	82.90
30	85.95	93.25	96.63
35	102.16	109.80	114.68
40	120.47	128.65	133.54
45	138.27	147.07	150.75
50	153.46	162.83	164.79
55	165.00	174.84	175.37
60	174.04	184.25	184.25
65	185.34	196.02	196.02
70	207.86	219.51	219.51
75	251.57	265.19	265.19
80	321.85	338.75	338.75
85	418.02	439.55	439.55
90	536.02	563.31	563.31
95	670.33	704.24	704.24
100	814.60	855.66	855.66
105	961.93	1010.30	1010.30
110	1105.05	1160.54	1160.54
115	1236.76	1298.81	1298.81
120	1350.36	1418.08	1418.08
125	1440.10	1512.29	1512.29
130	1501.56	1576.81	1576.81
135	1531.95	1608.72	1608.72
140	1530.24	1606.92	1606.92
145	1497.14	1572.18	1572.18
150	1435.01	1506.94	1506.94
155	1347.54	1415.12	1415.12
160	1239.55	1301.73	1301.73
165	1116.55	1172.61	1172.61
170	984.51	1034.00	1034.00
175	849.55	892.33	892.33

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 _{theo}	E _{std}	E _{aug}
180	717.72	753.98	753.98
185	594.91	625.10	626.96
190	486.70	511.57	518.36
195	398.14	418.71	429.69
200	332.89	350.32	361.41
205	291.33	306.80	314.91
210	268.94	283.37	289.68
215	257.62	271.52	276.98
220	249.54	263.07	266.49
225	239.88	252.97	255.75
230	227.33	239.84	242.98
235	213.50	225.41	229.16
240	202.22	213.63	218.13
245	197.97	209.19	214.04
250	203.45	214.91	218.74
255	217.55	229.64	231.37
260	236.19	249.11	249.31
265	254.61	268.37	268.37
270	269.25	283.69	283.69
275	278.42	293.28	293.28
280	282.57	297.62	297.62
285	284.11	299.24	299.24
290	286.79	302.04	302.04
295	294.13	309.72	309.72
300	307.65	323.88	323.88
305	325.88	342.98	342.98
310	345.02	363.03	363.03
315	360.54	379.29	379.29
320	368.52	387.65	387.65
325	366.40	385.44	385.44
330	353.25	371.65	371.65
335	329.63	346.91	346.91
340	297.42	313.17	313.46
345	259.36	273.34	274.83
350	218.71	230.84	233.35
355	178.73	189.13	191.27