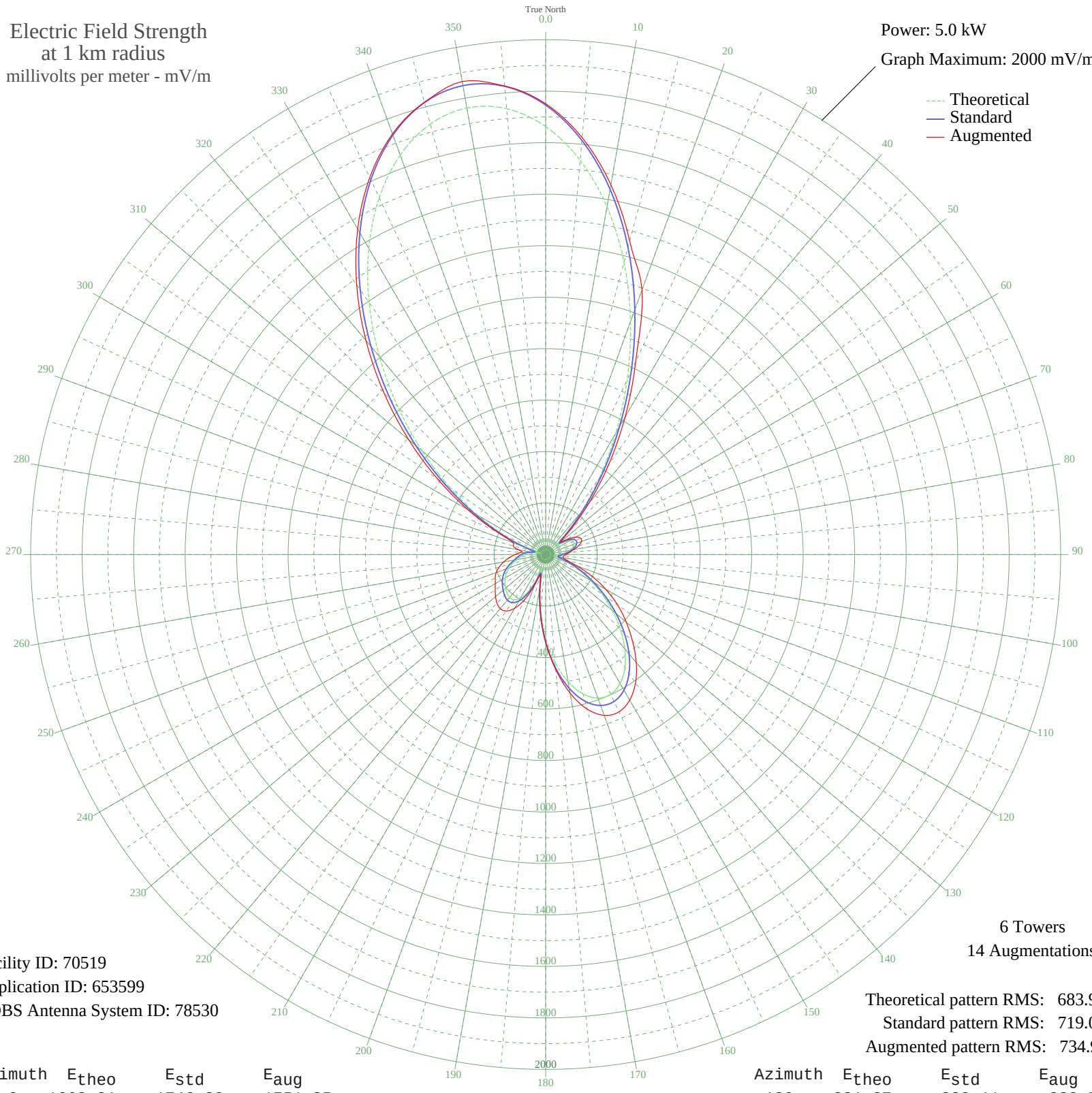
WKBN YOUNGSTOWN, OH BL-20030312BHK 570 kHz

Nighttime



Facility ID: 70519
Application ID: 653599
CDBS Antenna System ID: 78530

6 Towers
14 Augmentations

Theoretical pattern RMS: 683.97
Standard pattern RMS: 719.00
Augmented pattern RMS: 734.99

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1662.81	1746.30	1751.25
5	1537.88	1615.14	1625.83
10	1371.85	1440.85	1458.78
15	1175.96	1235.25	1261.15
20	963.63	1012.41	1094.31
25	748.96	787.17	827.22
30	545.28	573.59	617.23
35	363.81	383.56	426.39
40	213.14	226.46	262.73
45	101.45	112.01	134.54
50	55.39	67.69	75.64
55	81.87	92.68	103.23
60	107.99	118.56	134.79
65	119.21	129.87	150.05
70	118.08	128.73	148.13
75	108.41	118.98	132.23
80	93.22	103.82	110.13
85	74.59	85.64	92.29
90	54.25	66.66	78.86
95	35.79	51.10	69.43
100	33.29	49.20	69.20
105	57.05	69.19	83.65
110	95.42	106.00	129.54
115	143.96	155.07	197.14
120	201.75	214.65	269.25
125	267.45	282.95	340.46
130	338.40	357.00	408.55
135	410.52	432.43	477.76
140	478.54	503.66	547.37
145	536.48	564.37	608.48
150	578.28	608.18	652.92
155	598.53	629.41	674.07
160	593.28	623.90	664.76
165	560.69	589.74	621.20
170	501.58	527.79	546.51
175	419.62	441.96	448.34

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	321.27	339.11	339.74
185	215.55	228.96	230.72
190	115.52	126.14	130.50
195	60.52	72.37	80.47
200	103.74	114.30	127.53
205	158.44	169.93	192.91
210	195.76	208.44	241.12
215	214.17	227.53	267.57
220	217.59	231.08	274.20
225	211.88	225.15	267.25
230	202.48	215.41	253.92
235	192.37	204.94	239.06
240	181.51	193.71	225.91
245	168.26	180.04	215.96
250	151.58	162.88	204.39
255	132.39	143.26	186.71
260	113.48	124.08	165.10
265	97.56	108.13	142.12
270	84.06	94.81	119.11
275	67.66	79.04	95.43
280	41.73	55.84	108.10
285	24.80	43.32	130.26
290	85.59	96.31	133.58
295	181.71	193.91	209.36
300	305.76	322.91	349.34
305	455.16	479.17	513.08
310	625.74	657.94	694.59
315	811.43	852.70	887.89
320	1004.38	1055.17	1085.78
325	1195.30	1255.55	1279.66
330	1373.87	1442.98	1459.91
335	1529.38	1606.22	1616.39
340	1651.48	1734.40	1739.12
345	1731.13	1818.01	1819.22
350	1761.45	1849.85	1865.97
355	1738.69	1825.95	1827.22