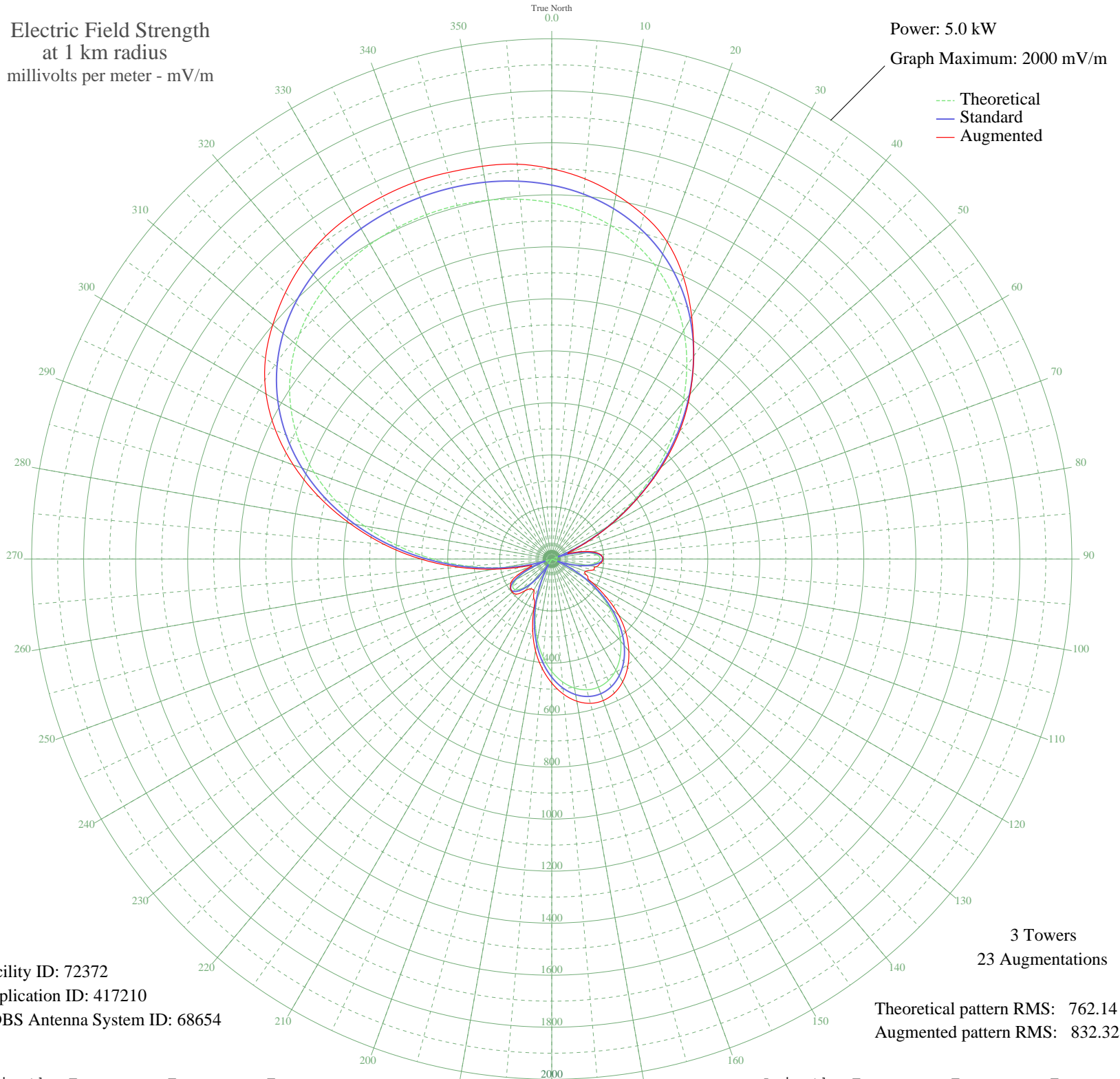


WNBF BINGHAMTON, NY BL-19991018AAO 1290 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 72372
Application ID: 417210
CDBS Antenna System ID: 68654

3 Towers
23 Augmentations

Theoretical pattern RMS: 762.14
Augmented pattern RMS: 832.32

Azimuth	Etheo	Estd	Eaug
0	1368.80	1437.43	1500.26
5	1340.80	1408.04	1467.01
10	1302.50	1367.83	1422.48
15	1252.09	1314.91	1367.98
20	1187.96	1247.58	1297.52
25	1108.97	1164.65	1197.21
30	1014.68	1065.67	1076.38
35	905.66	951.24	951.24
40	783.62	823.14	827.28
45	651.49	684.47	695.79
50	513.39	539.57	549.93
55	374.39	393.81	395.78
60	240.20	253.30	256.24
65	116.69	124.75	135.88
70	9.38	25.46	65.07
75	77.09	84.28	104.54
80	139.36	148.20	158.66
85	175.64	185.91	189.06
90	185.86	196.57	196.57
95	171.58	181.68	188.29
100	135.71	144.42	172.20
105	82.23	89.48	164.15
110	15.74	28.71	138.56
115	58.98	66.23	149.39
120	137.29	146.05	175.22
125	215.01	226.97	256.44
130	288.55	303.89	336.39
135	355.05	373.54	404.40
140	412.31	433.56	461.00
145	458.76	482.27	508.69
150	493.33	518.53	545.24
155	515.36	541.64	569.04
160	524.49	551.22	579.06
165	520.58	547.11	574.48
170	503.67	529.38	555.10
175	474.06	498.31	521.94

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	432.25	454.47	476.79
185	379.16	398.81	422.17
190	316.13	332.77	358.70
195	245.10	258.42	283.51
200	168.66	178.65	199.04
205	90.12	97.50	164.87
210	13.43	27.39	137.69
215	56.93	64.22	139.96
220	116.18	124.23	158.93
225	159.61	169.23	190.73
230	182.95	193.53	197.66
235	182.80	193.38	194.02
240	157.03	166.54	180.81
245	105.04	112.76	141.58
250	27.93	37.57	85.12
255	71.54	78.70	113.84
260	189.19	200.03	225.06
265	319.80	336.61	360.51
270	457.58	481.04	504.38
275	596.70	626.98	647.88
280	731.77	768.72	788.78
285	858.27	901.49	927.92
290	972.77	1021.68	1057.57
295	1073.08	1126.98	1172.24
300	1158.19	1216.33	1268.55
305	1228.17	1289.79	1344.09
310	1283.89	1348.29	1400.54
315	1326.82	1393.36	1448.39
320	1358.72	1426.85	1487.96
325	1381.39	1450.65	1515.61
330	1396.48	1466.49	1530.87
335	1405.33	1475.78	1538.05
340	1408.82	1479.45	1541.33
345	1407.34	1477.89	1538.17
350	1400.71	1470.93	1533.30
355	1388.25	1457.85	1523.69