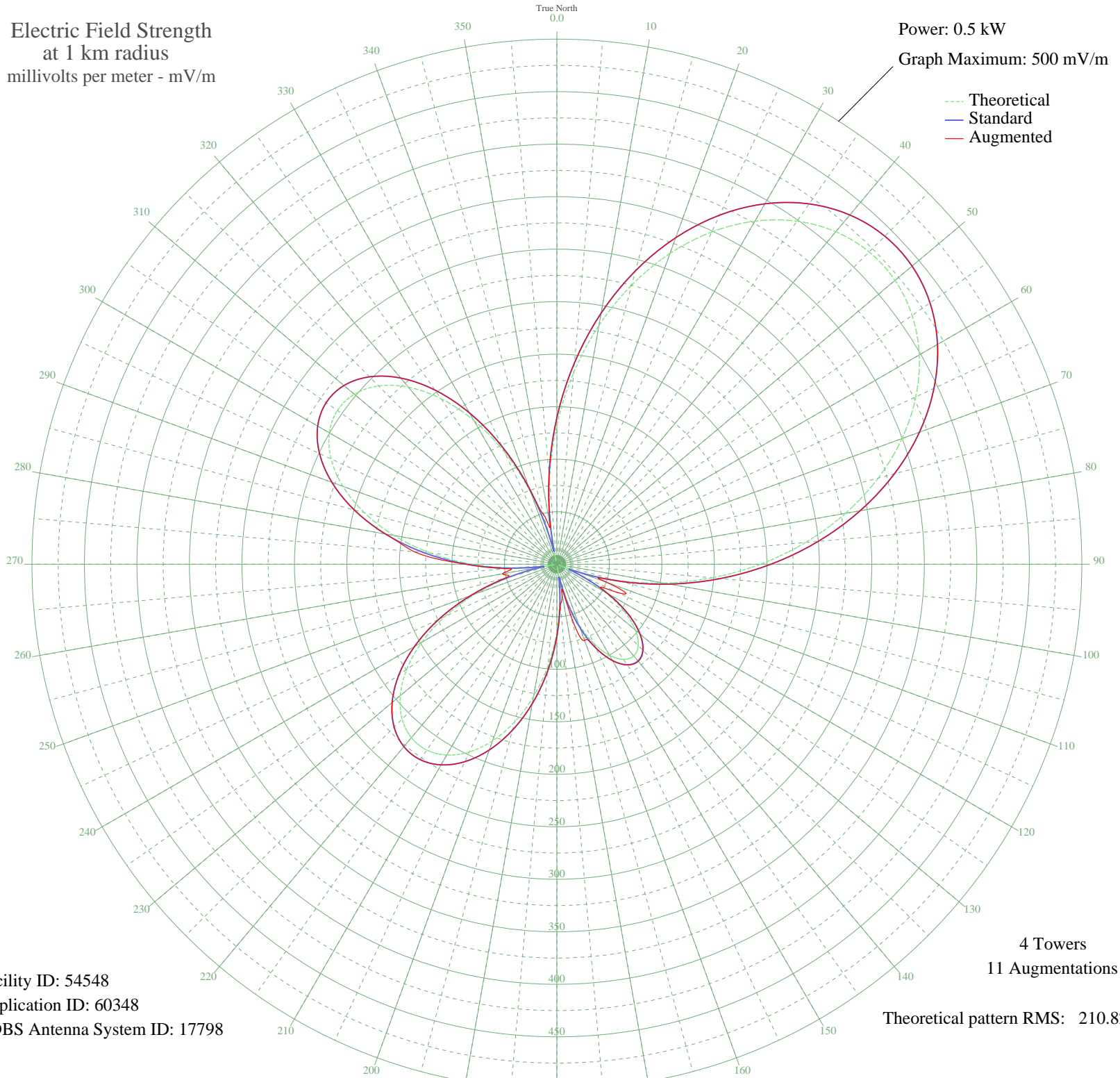


WTLB UTICA, NY BL-19830817AJ 1310 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 54548  
Application ID: 60348  
CDBS Antenna System ID: 17798

4 Towers  
11 Augmentations  
Theoretical pattern RMS: 210.82

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	132.54	139.68	139.68
5	183.09	192.61	192.61
10	231.00	242.84	242.84
15	275.23	289.24	289.24
20	314.86	330.82	330.82
25	349.09	366.74	366.74
30	377.24	396.28	396.28
35	398.77	418.88	418.88
40	413.30	434.13	434.13
45	420.56	441.75	441.75
50	420.46	441.65	441.65
55	413.05	433.87	433.87
60	398.53	418.63	418.63
65	377.27	396.31	396.31
70	349.79	367.48	367.48
75	316.79	332.85	332.85
80	279.11	293.31	293.31
85	237.73	249.91	249.91
90	193.78	203.83	203.83
95	148.49	156.37	156.37
100	103.15	108.97	108.97
105	59.13	63.23	63.23
110	17.75	22.17	51.13
115	19.70	23.91	63.81
120	52.04	55.94	55.97
125	78.28	83.07	83.24
130	97.64	103.22	103.57
135	109.59	115.69	116.16
140	113.89	120.18	120.70
145	110.61	116.75	117.22
150	100.10	105.79	106.12
155	83.02	87.99	88.50
160	60.24	64.38	77.25
165	32.86	36.53	48.88
170	2.10	12.20	27.77
175	30.69	34.38	38.67

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	64.15	68.42	68.42
185	96.94	102.49	102.49
190	127.75	134.68	134.68
195	155.41	163.62	163.62
200	178.86	188.19	188.19
205	197.22	207.43	207.43
210	209.77	220.59	220.59
215	216.01	227.13	227.13
220	215.62	226.72	226.72
225	208.49	219.25	219.25
230	194.73	204.82	204.82
235	174.64	183.77	183.77
240	148.71	156.61	156.61
245	117.62	124.08	124.08
250	82.20	87.14	87.89
255	43.47	47.19	51.63
260	2.54	12.29	52.61
265	39.35	43.02	47.85
270	80.88	85.77	86.87
275	120.72	127.32	136.32
280	157.51	165.82	165.82
285	189.98	199.84	199.84
290	216.92	228.08	228.08
295	237.30	249.46	249.46
300	250.28	263.07	263.07
305	255.25	268.28	268.28
310	251.86	264.73	264.73
315	240.07	252.36	252.36
320	220.11	231.43	231.43
325	192.48	202.46	202.46
330	157.93	166.26	166.26
335	117.42	123.88	123.88
340	72.07	76.61	77.18
345	23.10	27.06	48.93
350	28.20	31.94	36.54
355	80.50	85.37	85.41