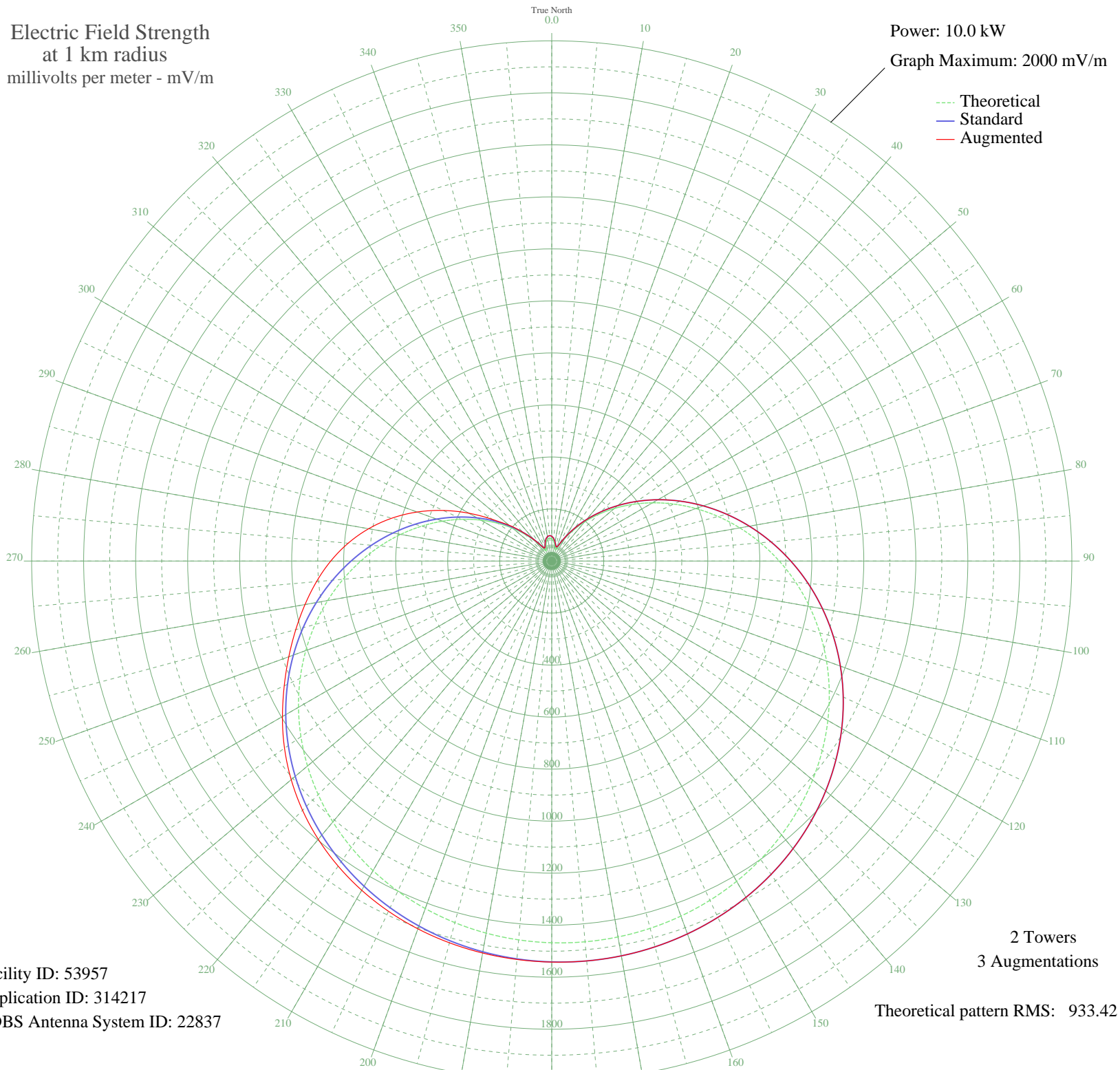


# WTTI DALTON, GA BL-- 1530 kHz

## Critical Hours

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 53957  
Application ID: 314217  
CDBS Antenna System ID: 22837

2 Towers  
3 Augmentations  
Theoretical pattern RMS: 933.42

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	85.16	95.08	95.08
5	76.52	86.61	86.61
10	63.35	73.96	73.96
15	49.36	61.09	61.09
20	45.66	57.83	57.83
25	64.24	74.81	74.81
30	99.47	109.34	109.34
35	144.29	154.92	154.92
40	195.87	208.19	208.19
45	252.86	267.47	267.47
50	314.36	331.66	331.66
55	379.58	399.87	399.87
60	447.73	471.23	471.23
65	518.06	544.92	544.92
70	589.77	620.11	620.11
75	662.08	695.94	695.94
80	734.21	771.60	771.60
85	805.39	846.28	846.28
90	874.93	919.24	919.24
95	942.15	989.79	989.79
100	1006.48	1057.30	1057.30
105	1067.39	1121.23	1121.23
110	1124.48	1181.15	1181.15
115	1177.42	1236.71	1236.71
120	1225.96	1287.67	1287.67
125	1269.98	1333.87	1333.87
130	1309.39	1375.24	1375.24
135	1344.20	1411.78	1411.78
140	1374.48	1443.56	1443.56
145	1400.32	1470.69	1470.69
150	1421.85	1493.30	1493.30
155	1439.22	1511.53	1511.53
160	1452.56	1525.53	1525.53
165	1462.00	1535.44	1535.44
170	1467.62	1541.34	1541.34
175	1469.48	1543.30	1543.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1467.62	1541.34	1541.91
185	1462.00	1535.44	1537.69
190	1452.56	1525.53	1530.38
195	1439.22	1511.53	1519.60
200	1421.85	1493.30	1504.88
205	1400.32	1470.69	1485.70
210	1374.48	1443.56	1461.55
215	1344.20	1411.78	1431.97
220	1309.39	1375.24	1396.59
225	1269.98	1333.87	1355.21
230	1225.96	1287.67	1307.81
235	1177.42	1236.71	1254.53
240	1124.48	1181.15	1195.76
245	1067.39	1121.23	1134.99
250	1006.48	1057.30	1076.00
255	942.15	989.79	1019.04
260	874.93	919.25	963.48
265	805.40	846.28	907.98
270	734.21	771.60	849.76
275	662.08	695.94	785.92
280	589.77	620.11	715.03
285	518.06	544.93	636.54
290	447.73	471.23	550.97
295	379.58	399.87	460.14
300	314.36	331.66	367.56
305	252.86	267.47	279.54
310	195.87	208.19	213.95
315	144.29	154.92	154.92
320	99.47	109.34	109.34
325	64.24	74.81	74.81
330	45.66	57.83	57.83
335	49.36	61.09	61.09
340	63.34	73.96	73.96
345	76.52	86.61	86.61
350	85.16	95.08	95.08
355	88.13	98.02	98.02

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.

27 Aug 2020

Prepared by Audio Division, Media Bureau  
Federal Communications Commission