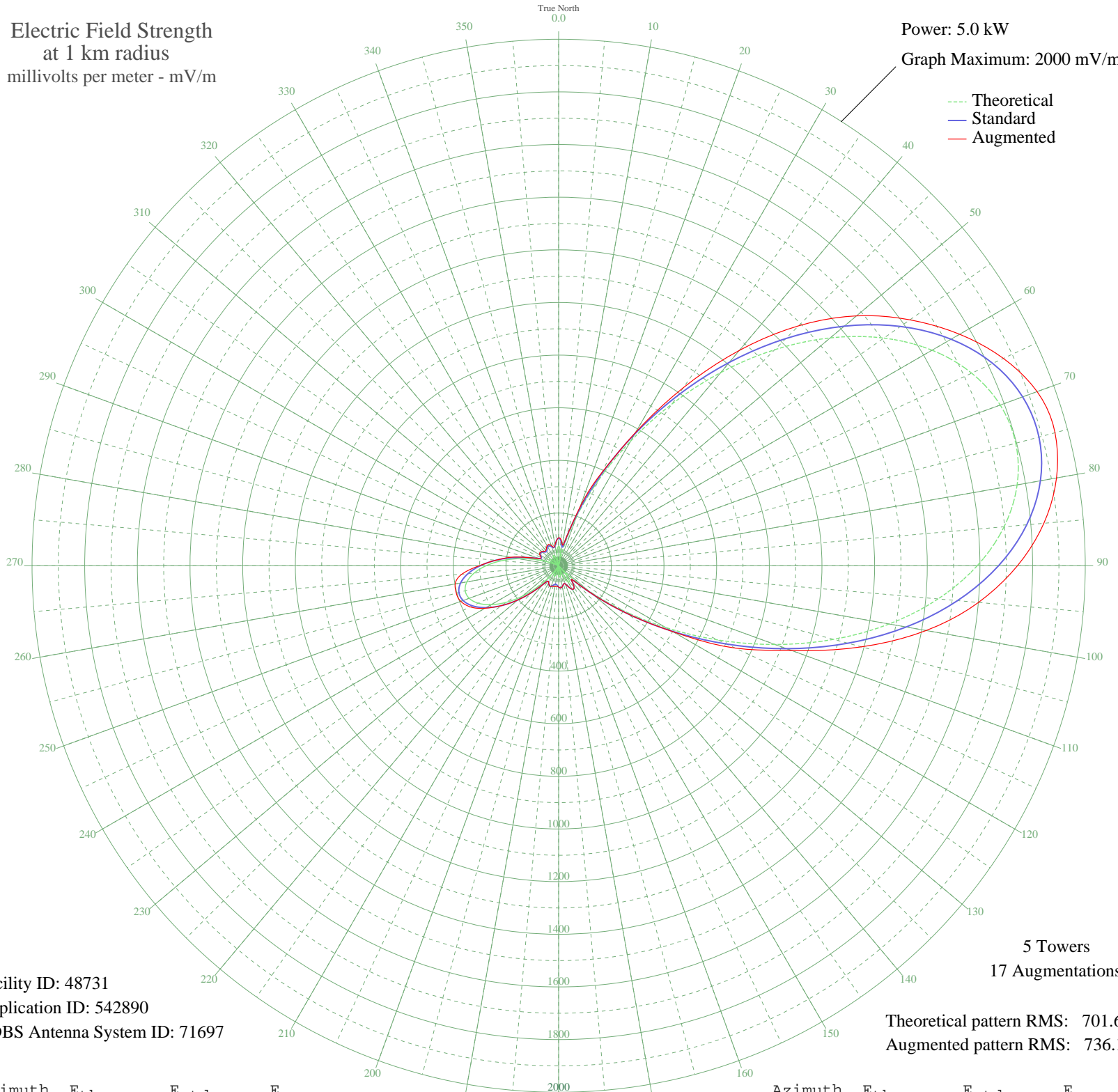


WTLN ORLANDO, FL BL-20001113ACN 950 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 48731  
Application ID: 542890  
CDBS Antenna System ID: 71697

5 Towers  
17 Augmentations

Theoretical pattern RMS: 701.67  
Augmented pattern RMS: 736.13

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	74.46	105.41	105.98
5	61.45	95.72	99.95
10	13.81	72.17	80.47
15	72.92	104.22	108.12
20	198.69	220.28	237.19
25	359.10	383.63	393.42
30	546.18	577.83	585.51
35	749.63	790.28	825.71
40	958.12	1008.50	1067.82
45	1160.45	1220.52	1288.85
50	1346.50	1415.59	1476.58
55	1507.76	1584.72	1628.52
60	1637.52	1720.85	1758.54
65	1730.93	1818.85	1863.61
70	1784.77	1875.34	1933.82
75	1797.29	1888.48	1951.66
80	1768.12	1857.88	1919.94
85	1698.17	1784.48	1849.77
90	1589.75	1670.73	1742.49
95	1446.70	1520.68	1600.40
100	1274.62	1340.22	1417.23
105	1080.93	1137.18	1190.62
110	874.85	921.31	942.75
115	667.01	703.92	740.30
120	468.77	497.26	500.79
125	291.22	313.85	313.85
130	143.89	166.81	166.81
135	33.44	78.94	78.94
140	37.40	80.88	80.88
145	70.42	102.30	102.30
150	71.73	103.30	103.30
155	50.84	88.59	88.59
160	19.02	73.47	73.47
165	12.73	71.96	71.96
170	35.56	79.96	79.96
175	44.27	84.62	84.62

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	37.92	81.14	81.14
185	19.56	73.63	78.40
190	4.79	70.88	80.47
195	27.73	76.46	81.07
200	42.08	83.37	83.37
205	42.32	83.51	83.51
210	25.44	75.58	75.58
215	8.70	71.29	71.29
220	57.61	93.05	93.05
225	116.72	141.49	141.49
230	180.24	202.03	202.03
235	241.93	263.69	263.69
240	295.86	318.60	322.99
245	336.99	360.83	370.15
250	361.55	386.16	395.60
255	367.36	392.15	402.37
260	353.89	378.25	399.07
265	322.35	345.77	369.21
270	275.57	297.86	301.57
275	217.87	239.44	239.44
280	154.70	177.16	185.07
285	92.20	119.88	119.88
290	36.53	80.44	80.94
295	6.92	71.08	74.03
300	34.32	79.36	82.27
305	44.17	84.56	86.46
310	37.77	81.07	83.58
315	19.20	73.52	77.55
320	5.21	70.91	75.57
325	28.01	76.58	81.20
330	42.15	83.41	87.57
335	42.64	83.69	88.67
340	27.92	76.54	81.55
345	0.67	70.71	72.69
350	32.32	78.43	80.47
355	61.16	95.51	95.62

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission