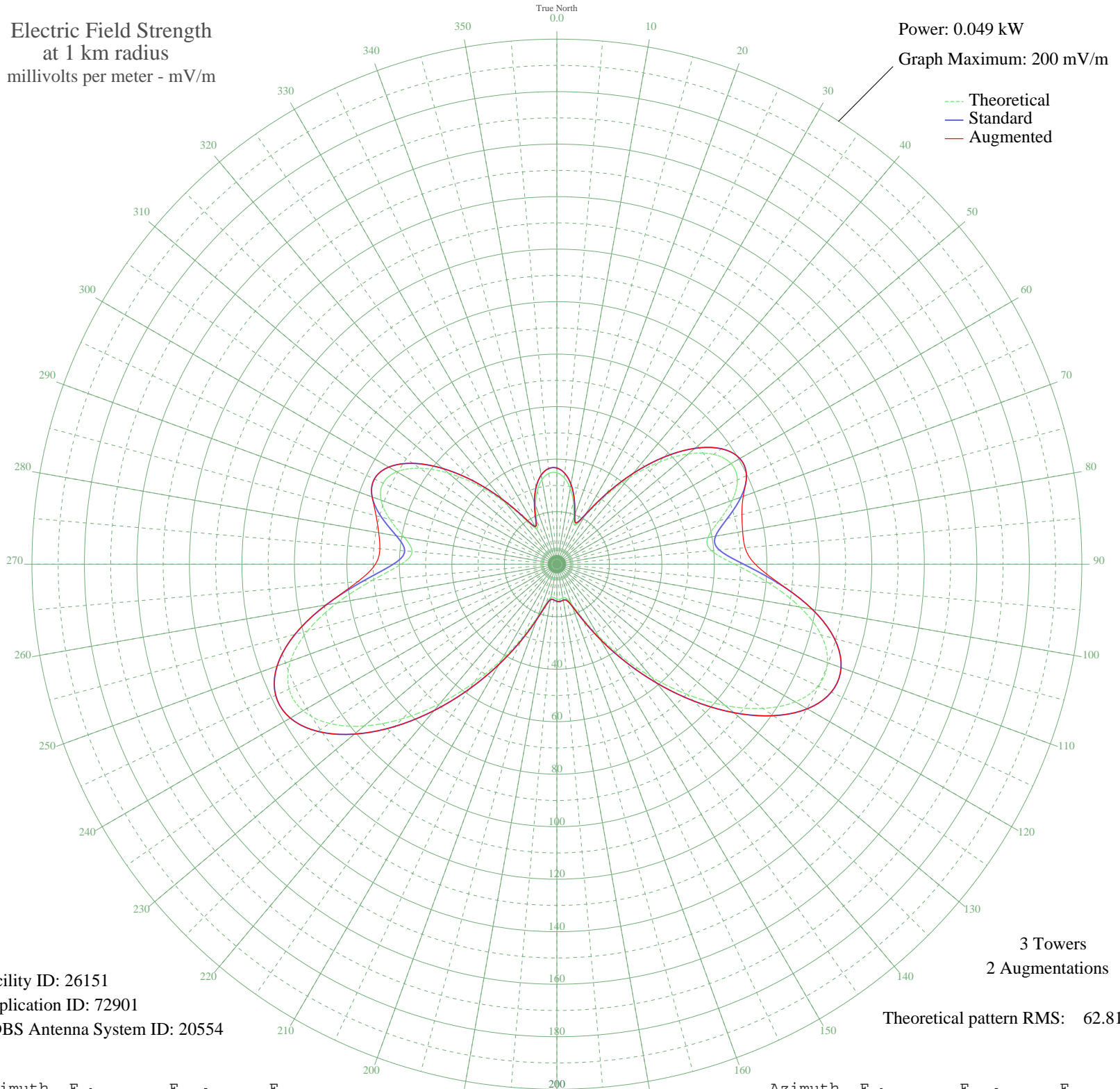


WLLN LILLINGTON, NC BL-19841001AR 1370 kHz

Nighttime

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

Power: 0.049 kW  
Graph Maximum: 200 mV/m



Facility ID: 26151  
Application ID: 72901  
CDBS Antenna System ID: 20554

Theoretical pattern RMS: 62.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	34.81	36.62	36.62
5	32.98	34.71	34.71
10	29.36	30.91	30.91
15	24.28	25.60	25.60
20	18.86	19.94	19.94
25	16.33	17.31	17.31
30	20.87	22.04	22.04
35	30.84	32.46	32.46
40	42.85	45.05	45.05
45	54.86	57.65	57.65
50	65.33	68.64	68.64
55	72.94	76.62	76.62
60	76.62	80.49	80.49
65	75.87	79.70	79.70
70	71.05	74.64	75.57
75	63.98	67.22	72.98
80	58.41	61.37	71.87
85	59.12	62.12	71.98
90	67.70	71.12	75.58
95	80.81	84.89	85.26
100	94.04	98.77	98.77
105	104.25	109.49	109.49
110	109.71	115.22	115.22
115	109.83	115.35	115.35
120	104.91	110.18	110.18
125	95.81	100.63	100.63
130	83.78	88.00	88.00
135	70.14	73.69	73.69
140	56.18	59.03	59.03
145	42.97	45.17	45.17
150	31.39	33.04	33.04
155	22.19	23.42	23.42
160	16.09	17.05	17.05
165	13.38	14.24	14.24
170	13.07	13.92	13.92
175	13.38	14.24	14.24

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	13.30	14.16	14.16
185	12.80	13.64	13.64
190	12.86	13.70	13.70
195	15.30	16.23	16.23
200	21.24	22.42	22.42
205	30.33	31.93	31.93
210	41.87	44.03	44.03
215	55.13	57.93	57.93
220	69.28	72.78	72.78
225	83.27	87.47	87.47
230	95.89	100.71	100.71
235	105.78	111.09	111.09
240	111.66	117.27	117.27
245	112.56	118.21	118.21
250	108.01	113.43	113.43
255	98.36	103.30	103.30
260	84.98	89.26	89.26
265	70.58	74.14	76.13
270	59.29	62.29	69.12
275	55.39	58.20	67.70
280	59.08	62.07	68.92
285	65.86	69.19	71.32
290	71.30	74.90	74.90
295	73.05	76.73	76.73
300	70.40	73.96	73.96
305	63.72	66.95	66.95
310	53.96	56.70	56.70
315	42.40	44.58	44.58
320	30.57	32.18	32.18
325	20.48	21.63	21.63
330	15.61	16.55	16.55
335	18.09	19.14	19.14
340	23.68	24.98	24.98
345	28.94	30.48	30.48
350	32.74	34.46	34.46
355	34.73	36.54	36.54

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