

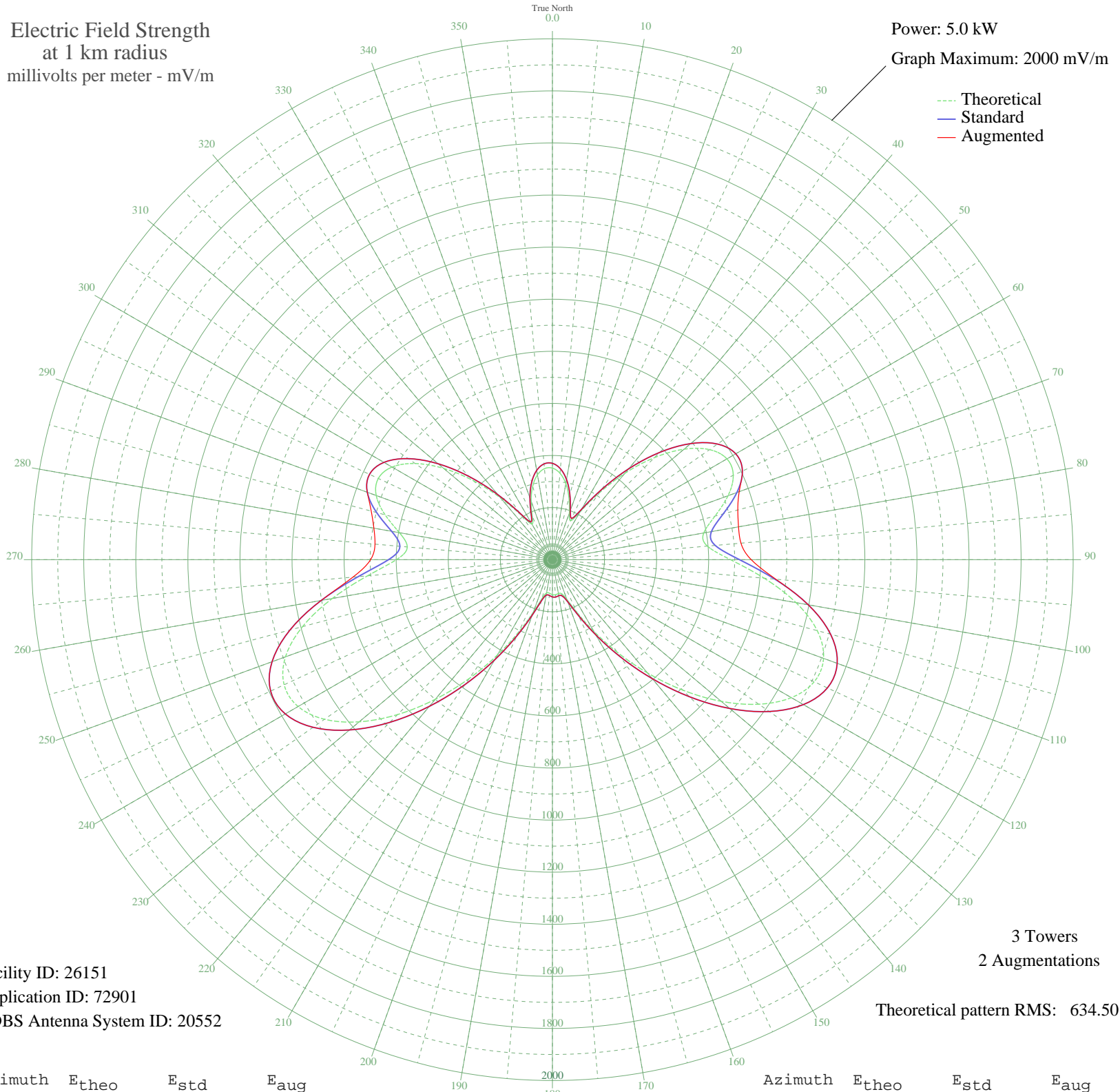
WLLN LILLINGTON, NC BL-19841001AR 1370 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 26151
Application ID: 72901
CDBS Antenna System ID: 20552

3 Towers
2 Augmentations

Theoretical pattern RMS: 634.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	351.61	369.94	369.94
5	333.16	350.60	350.60
10	296.56	312.27	312.27
15	245.32	258.65	258.65
20	190.55	201.45	201.45
25	165.00	174.83	174.83
30	210.84	222.63	222.63
35	311.53	327.95	327.95
40	432.88	455.13	455.13
45	554.19	582.37	582.37
50	659.99	693.38	693.38
55	736.82	774.02	774.02
60	774.06	813.10	813.10
65	766.43	805.09	805.09
70	717.78	754.04	763.40
75	646.35	679.07	737.08
80	590.05	620.00	725.76
85	597.19	627.49	726.84
90	683.86	718.43	763.38
95	816.36	857.50	861.24
100	950.02	997.80	997.80
105	1053.12	1106.03	1106.03
110	1108.27	1163.92	1163.92
115	1109.53	1165.25	1165.25
120	1059.74	1112.98	1112.98
125	967.85	1016.52	1016.52
130	846.29	888.92	888.92
135	708.59	744.39	744.39
140	567.52	596.36	596.36
145	434.04	456.35	456.35
150	317.07	333.75	333.75
155	224.19	236.56	236.56
160	162.51	172.24	172.24
165	135.20	143.89	143.89
170	132.03	140.60	140.60
175	135.18	143.87	143.87

Azimuth	E _{theo}	E _{std}	E _{aug}
180	134.38	143.04	143.04
185	129.31	137.79	137.79
190	129.87	138.37	138.37
195	154.56	163.98	163.98
200	214.54	226.49	226.49
205	306.42	322.60	322.60
210	422.98	444.75	444.75
215	556.92	585.24	585.24
220	699.83	735.20	735.20
225	841.23	883.60	883.60
230	968.65	1017.35	1017.35
235	1068.55	1122.22	1122.22
240	1128.02	1184.66	1184.66
245	1137.05	1194.13	1194.13
250	1091.09	1145.88	1145.88
255	993.59	1043.53	1043.53
260	858.50	901.73	901.73
265	712.96	748.98	769.10
270	598.91	629.30	698.31
275	559.52	587.96	684.00
280	596.78	627.06	696.29
285	665.29	698.95	720.47
290	720.24	756.62	756.62
295	737.89	775.14	775.14
300	711.22	747.15	747.15
305	643.72	676.31	676.31
310	545.08	572.82	572.82
315	428.36	450.39	450.39
320	308.82	325.11	325.11
325	206.87	218.48	218.48
330	157.66	167.20	167.20
335	182.74	193.31	193.31
340	239.24	252.30	252.30
345	292.38	307.89	307.89
350	330.74	348.07	348.07
355	350.82	369.11	369.11

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

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Federal Communications Commission