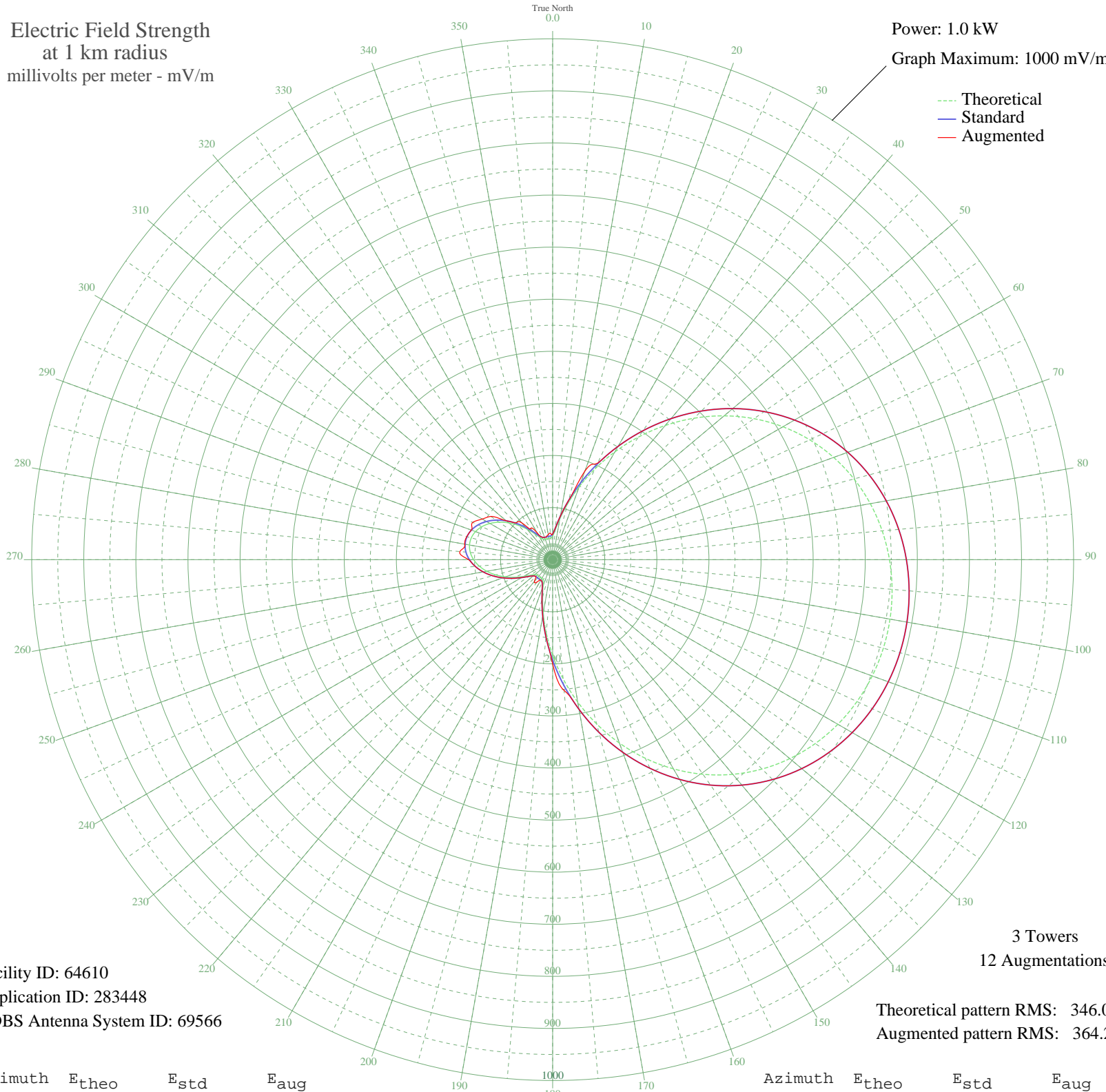


WDLX WASHINGTON, NC BL-19990401DD 930 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 64610
Application ID: 283448
CDBS Antenna System ID: 69566

3 Towers
12 Augmentations

Theoretical pattern RMS: 346.01
Augmented pattern RMS: 364.28

Azimuth	E _{theo}	E _{std}	E _{aug}
0	45.20	49.25	49.25
5	57.29	61.57	61.57
10	79.62	84.63	84.63
15	110.86	117.14	117.14
20	149.02	157.02	181.33
25	192.30	202.34	204.47
30	239.00	251.29	251.29
35	287.51	302.17	302.17
40	336.33	353.39	353.39
45	384.08	403.50	403.50
50	429.59	451.27	451.27
55	471.92	495.69	495.69
60	510.37	536.05	536.05
65	544.48	571.85	571.85
70	574.00	602.84	602.84
75	598.87	628.95	628.95
80	619.15	650.24	650.24
85	634.99	666.87	666.87
90	646.56	679.01	679.01
95	654.03	686.86	686.86
100	657.54	690.54	690.54
105	657.15	690.14	690.14
110	652.86	685.63	685.63
115	644.58	676.93	676.93
120	632.17	663.90	663.90
125	615.46	646.36	646.36
130	594.27	624.12	624.12
135	568.47	597.04	597.04
140	538.02	565.07	565.07
145	503.02	528.33	528.33
150	463.75	487.12	487.12
155	420.72	441.95	441.95
160	374.68	393.63	393.63
165	326.61	343.19	343.19
170	277.74	291.92	291.92
175	229.46	241.29	252.05

Azimuth	E _{theo}	E _{std}	E _{aug}
180	183.31	192.93	200.06
185	140.92	148.55	148.55
190	103.99	109.98	109.98
195	74.38	79.20	79.20
200	54.04	58.25	58.25
205	43.94	47.97	47.97
210	41.38	45.40	45.40
215	41.44	45.46	52.37
220	41.37	45.39	54.39
225	41.59	45.61	45.61
230	44.44	48.48	48.48
235	52.01	56.18	56.18
240	64.29	68.77	68.77
245	79.68	84.70	84.70
250	96.42	102.09	102.09
255	113.02	119.39	119.39
260	128.31	135.37	135.37
265	141.43	149.09	149.09
270	151.71	159.84	161.17
275	158.68	167.13	178.85
280	162.04	170.65	171.42
285	161.67	170.26	170.67
290	157.57	165.97	165.97
295	149.91	157.95	169.34
300	139.02	146.56	155.95
305	125.40	132.33	144.84
310	109.77	116.00	116.00
315	93.04	98.58	99.61
320	76.44	81.34	92.52
325	61.52	65.93	73.27
330	50.09	54.22	58.98
335	43.53	47.56	47.56
340	41.42	45.44	45.44
345	41.42	45.43	45.71
350	41.40	45.42	48.57
355	41.54	45.56	51.09

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission