KLMS LINCOLN, NE BL-19980619AC 1480 kHz

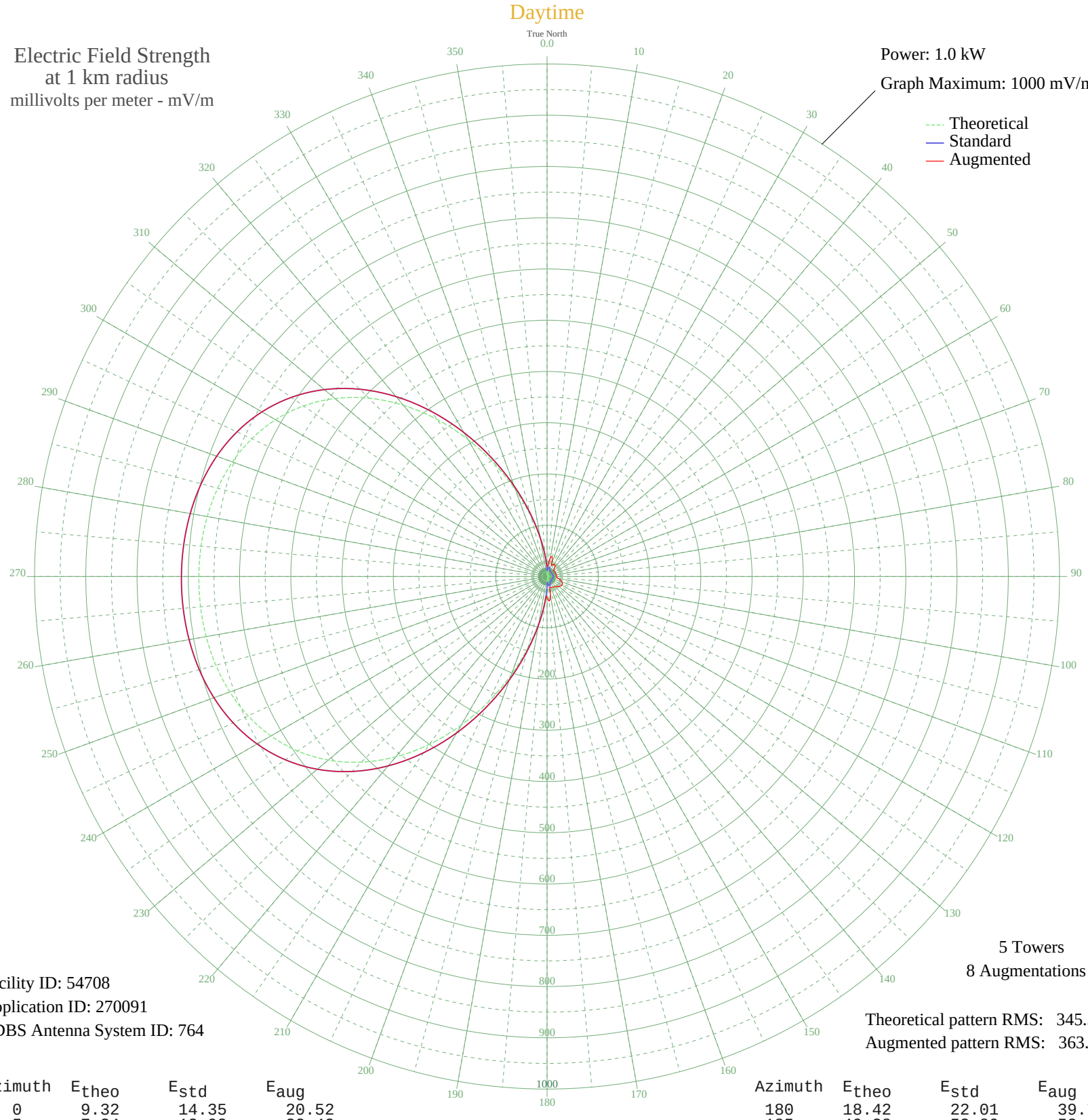
Daytime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented



5 Towers
8 Augmentations

Facility ID: 54708
Application ID: 270091
CDBS Antenna System ID: 764

Theoretical pattern RMS: 345.30
Augmented pattern RMS: 363.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	9.32	14.35	20.52
5	7.34	13.03	22.42
10	14.24	18.27	36.76
15	14.83	18.78	38.47
20	11.50	16.00	26.25
25	6.57	12.56	24.57
30	2.03	10.71	27.31
35	2.40	10.80	27.01
40	4.18	11.38	23.68
45	4.47	11.50	18.92
50	3.57	11.15	16.72
55	2.02	10.71	17.70
60	0.94	10.55	18.00
65	2.13	10.73	17.96
70	3.50	11.13	18.00
75	4.54	11.53	18.12
80	5.20	11.84	18.37
85	5.55	12.01	18.75
90	5.63	12.05	18.98
95	5.45	11.96	19.45
100	4.98	11.73	22.68
105	4.17	11.38	26.99
110	2.99	10.96	30.77
115	1.54	10.62	33.09
120	1.14	10.57	33.52
125	2.67	10.87	32.43
130	4.04	11.33	30.33
135	4.52	11.52	27.68
140	3.64	11.17	25.20
145	1.49	10.62	24.00
150	3.66	11.18	23.75
155	8.60	13.85	23.23
160	13.15	17.35	22.79
165	15.21	19.11	21.42
170	12.36	16.69	37.21
175	2.96	10.95	48.00

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.

24 Jan 2006

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	18.42	22.01	39.70
185	49.28	52.80	52.80
190	91.36	96.50	96.50
195	143.56	151.10	151.10
200	203.66	214.10	214.10
205	268.63	282.26	282.26
210	335.04	351.95	351.95
215	399.56	419.67	419.67
220	459.32	482.40	482.40
225	512.26	537.97	537.97
230	557.17	585.12	585.12
235	593.69	623.47	623.47
240	622.19	653.38	653.38
245	643.49	675.74	675.74
250	658.70	691.72	691.72
255	668.99	702.51	702.51
260	675.39	709.24	709.24
265	678.72	712.73	712.73
270	679.46	713.51	713.51
275	677.72	711.68	711.68
280	673.24	706.98	706.98
285	665.39	698.74	698.74
290	653.27	686.02	686.02
295	635.76	667.63	667.63
300	611.71	642.38	642.38
305	580.08	609.17	609.17
310	540.21	567.31	567.31
315	492.00	516.71	516.71
320	436.14	458.07	458.07
325	374.18	393.03	393.03
330	308.53	324.12	324.12
335	242.28	254.61	254.61
340	178.85	188.09	188.09
345	121.58	128.09	128.09
350	73.23	77.60	77.60
355	35.56	38.79	39.26