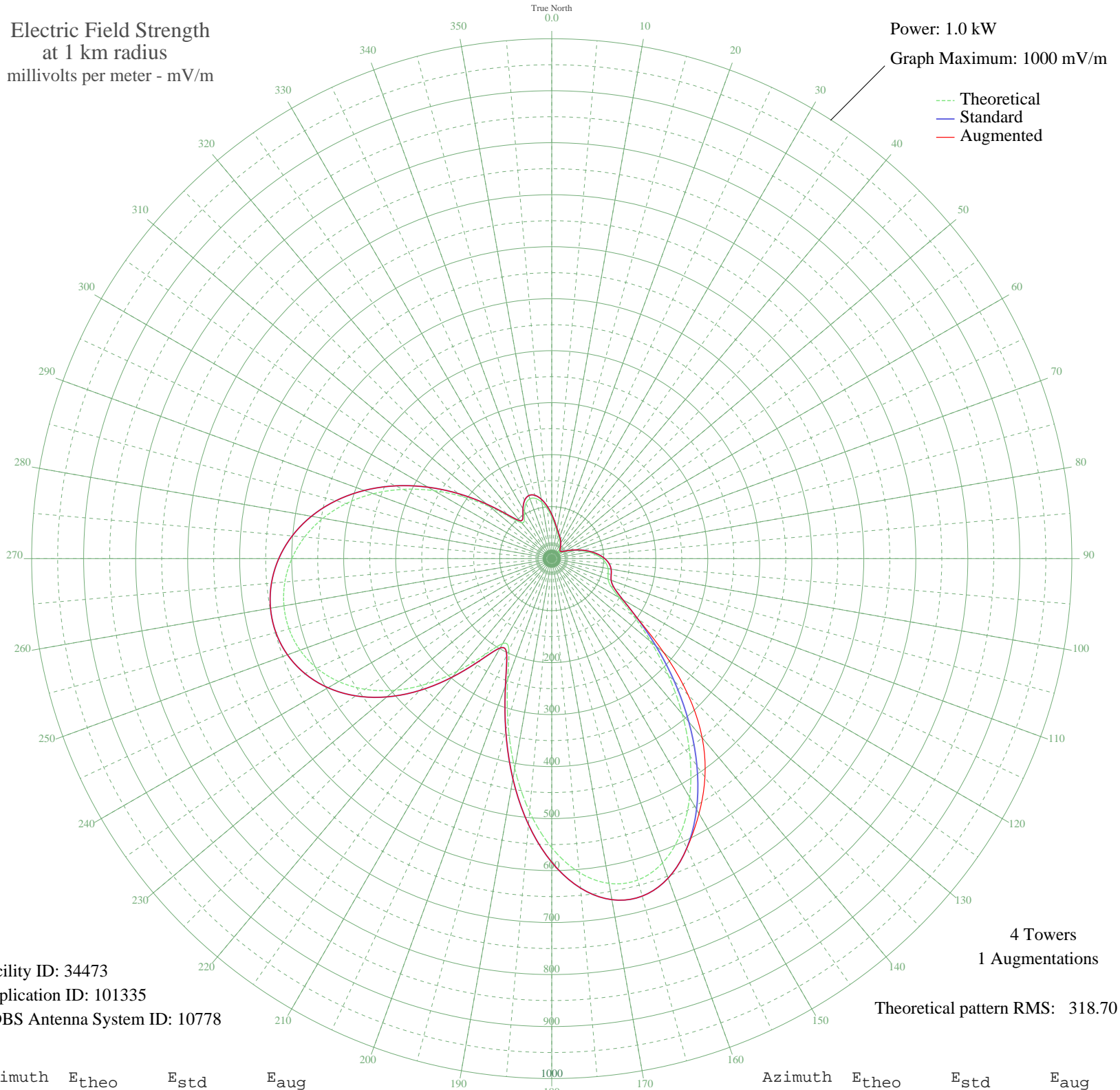


KGOL HUMBLE, TX BL-19870519AI 1180 kHz

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

4 Towers
1 Augmentations

Theoretical pattern RMS: 318.70

Facility ID: 34473
Application ID: 101335
CDBS Antenna System ID: 10778

Azimuth	E _{theo}	E _{std}	E _{aug}
0	80.46	85.13	85.13
5	66.15	70.25	70.25
10	54.99	58.68	58.68
15	47.20	50.66	50.66
20	41.56	44.88	44.88
25	36.55	39.79	39.79
30	31.40	34.61	34.61
35	26.26	29.50	29.50
40	21.80	25.18	25.18
45	18.84	22.40	22.40
50	18.12	21.73	21.73
55	20.27	23.73	23.73
60	25.72	28.97	28.97
65	34.38	37.59	37.59
70	45.67	49.09	49.09
75	58.70	62.52	62.52
80	72.36	76.70	76.70
85	85.43	90.31	90.31
90	96.65	102.02	102.02
95	104.96	110.71	110.71
100	109.89	115.86	115.86
105	112.27	118.35	118.35
110	115.35	121.57	121.57
115	125.54	132.23	132.23
120	149.99	157.84	157.84
125	191.79	201.66	202.47
130	248.93	261.59	281.16
135	316.91	332.92	370.94
140	390.34	409.99	450.00
145	463.43	486.72	513.47
150	530.23	556.84	566.30
155	585.02	614.36	614.63
160	622.83	654.06	654.06
165	639.95	672.03	672.03
170	634.31	666.11	666.11
175	605.75	636.12	636.12

Azimuth	E _{theo}	E _{std}	E _{aug}
180	556.03	583.93	583.93
185	488.80	513.35	513.35
190	409.44	430.04	430.04
195	325.41	341.84	341.84
200	247.76	260.36	260.36
205	194.84	204.85	204.85
210	188.73	198.44	198.44
215	226.48	238.04	238.04
220	282.99	297.33	297.33
225	341.23	358.45	358.45
230	393.89	413.72	413.72
235	438.10	460.12	460.12
240	472.94	496.70	496.70
245	498.42	523.44	523.44
250	514.90	540.75	540.75
255	522.90	549.14	549.14
260	522.85	549.10	549.10
265	515.09	540.94	540.94
270	499.77	524.86	524.86
275	476.97	500.93	500.93
280	446.74	469.19	469.19
285	409.28	429.88	429.88
290	365.13	383.53	383.53
295	315.31	331.24	331.24
300	261.58	274.86	274.86
305	206.68	217.27	217.27
310	154.79	162.87	162.87
315	112.64	118.73	118.73
320	90.09	95.18	95.18
325	91.49	96.64	96.64
330	104.91	110.66	110.66
335	117.18	123.49	123.49
340	122.53	129.09	129.09
345	119.79	126.22	126.22
350	110.15	116.13	116.13
355	96.06	101.40	101.40

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 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission