

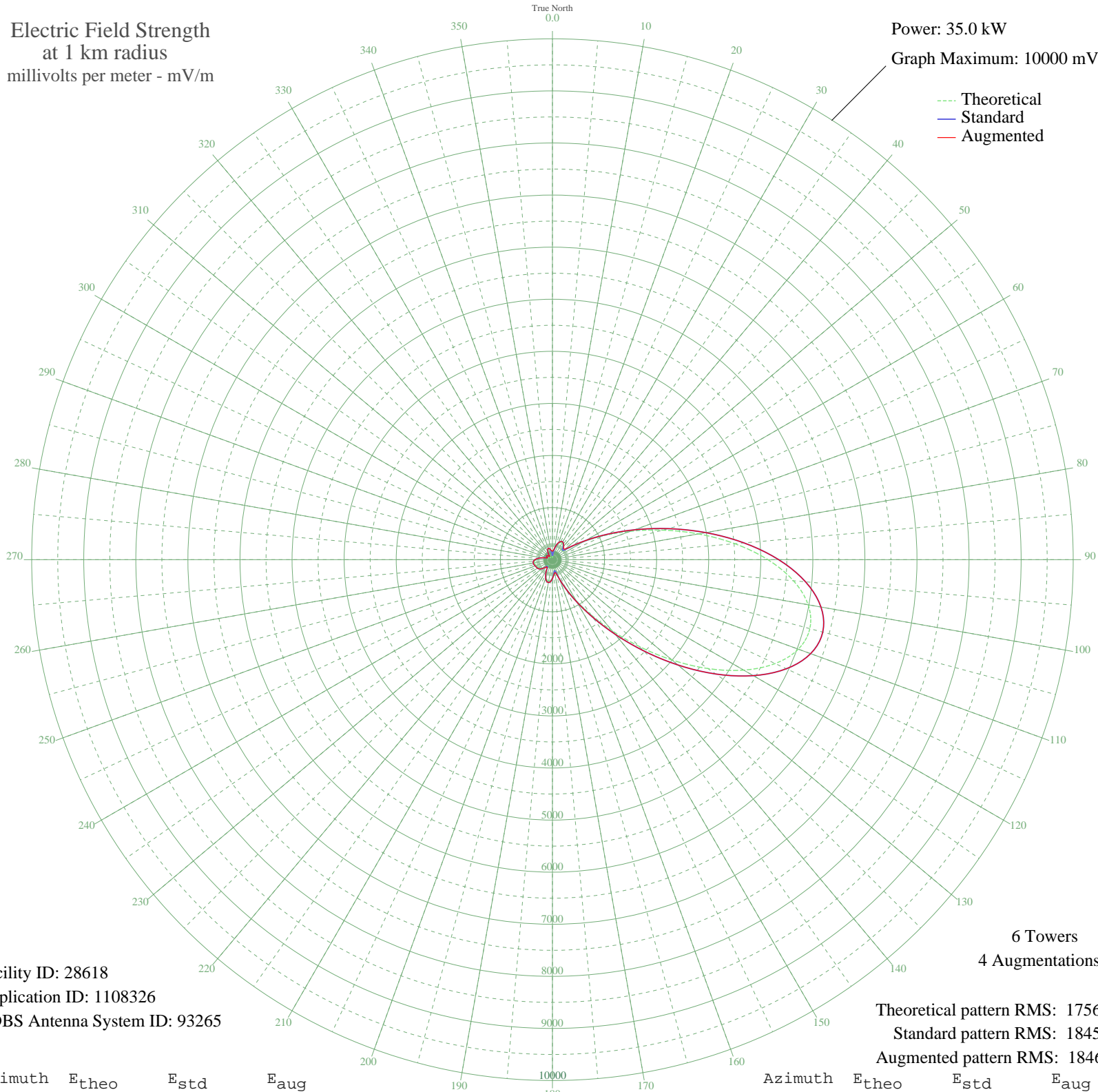
KVCE HIGHLAND PARK, TX BL-20060104ACR 1160 kHz

Daytime

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

Power: 35.0 kW
Graph Maximum: 10000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 28618
Application ID: 1108326
CDBS Antenna System ID: 93265

6 Towers
4 Augmentations

Theoretical pattern RMS: 1756.00
Standard pattern RMS: 1845.00
Augmented pattern RMS: 1846.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	39.65	74.78	162.85
5	97.05	119.34	175.79
10	185.39	204.33	219.03
15	265.42	285.53	285.63
20	326.58	348.49	348.49
25	362.29	385.45	385.45
30	369.19	392.60	392.60
35	347.29	369.91	372.48
40	301.62	322.73	339.42
45	252.07	271.87	305.05
50	264.12	284.20	314.43
55	413.62	438.72	448.81
60	694.00	731.34	731.93
65	1089.73	1145.91	1145.91
70	1593.66	1674.49	1674.49
75	2189.98	2300.32	2300.32
80	2846.86	2989.85	2989.85
85	3515.94	3692.26	3692.26
90	4136.92	4344.21	4344.21
95	4645.97	4878.67	4878.67
100	4986.10	5235.77	5235.77
105	5117.37	5373.60	5373.60
110	5024.45	5276.04	5276.04
115	4719.70	4956.07	4956.07
120	4240.93	4453.41	4453.41
125	3644.50	3827.23	3827.23
130	2995.22	3145.60	3145.60
135	2355.37	2473.92	2473.92
140	1774.98	1864.77	1864.77
145	1285.17	1350.86	1350.86
150	895.68	942.51	942.51
155	598.13	631.10	631.10
160	376.77	400.46	405.83
165	230.25	249.61	278.51
170	196.82	215.80	254.08
175	261.52	281.54	296.65

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	340.83	363.23	363.63
185	397.53	422.00	422.00
190	419.68	445.02	445.02
195	404.73	429.48	429.48
200	356.10	379.03	379.03
205	282.58	303.14	303.18
210	199.92	218.91	224.80
215	139.68	159.28	177.20
220	147.12	166.49	182.42
225	200.54	219.54	223.71
230	253.11	272.93	272.93
235	288.84	309.58	309.58
240	308.09	329.40	329.40
245	318.99	340.65	340.65
250	330.45	352.49	352.49
255	344.24	366.75	366.75
260	352.83	375.64	375.64
265	345.11	367.65	367.65
270	313.50	334.98	334.98
275	257.78	277.70	277.70
280	185.70	204.64	204.64
285	113.27	134.18	134.18
290	72.30	98.09	98.09
295	87.06	110.52	110.52
300	109.64	130.81	130.81
305	111.88	132.89	132.89
310	90.78	113.77	113.77
315	56.57	85.95	85.95
320	54.73	84.62	84.62
325	103.93	125.57	125.57
330	157.63	176.78	176.78
335	197.16	216.13	216.13
340	213.22	232.34	232.34
345	201.18	220.18	220.18
350	160.97	180.07	191.70
355	97.89	120.10	170.83