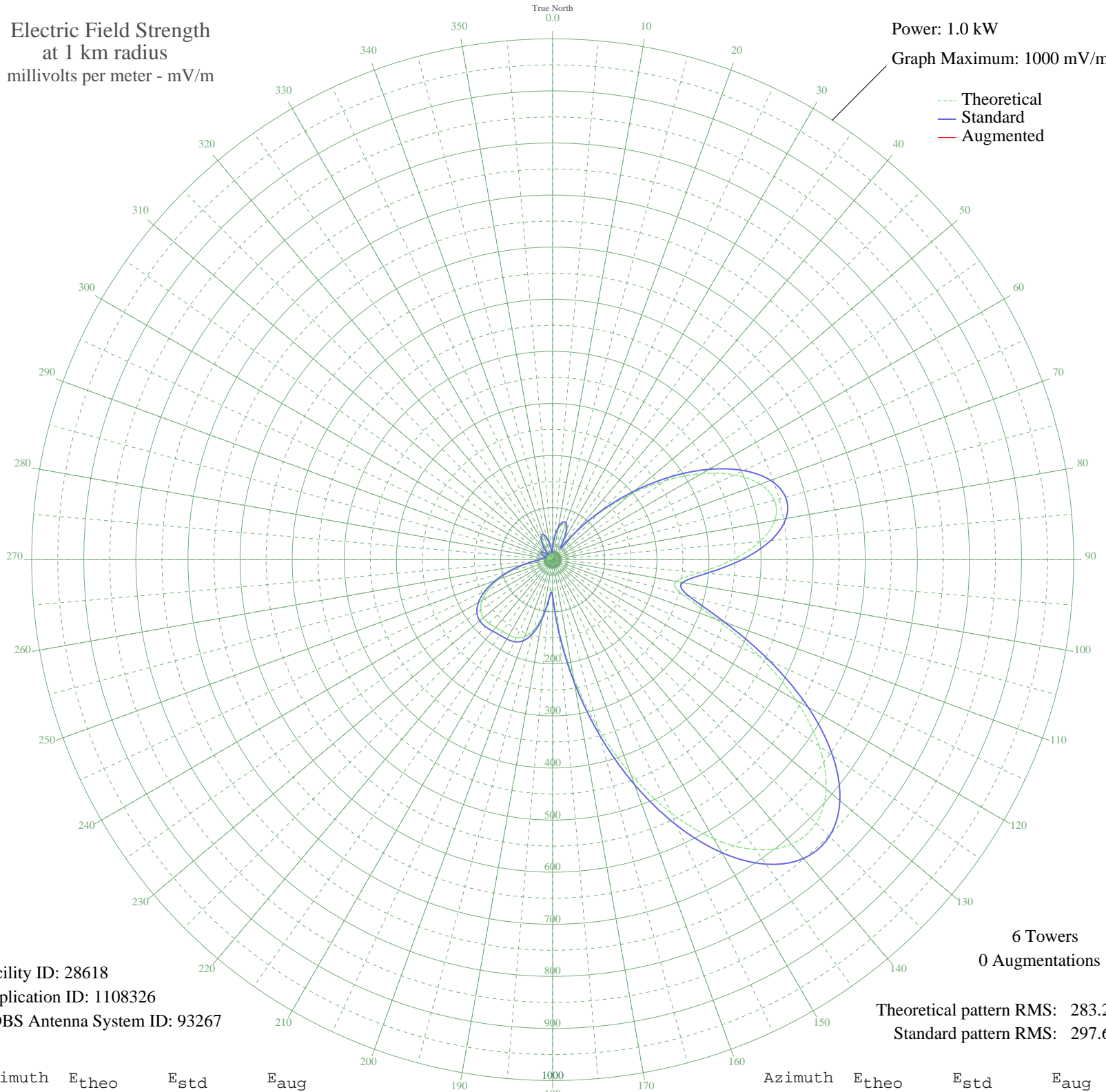


KVCE HIGHLAND PARK, TX BL-20060104ACR 1160 kHz

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: 28618
Application ID: 1108326
CDBS Antenna System ID: 93267

6 Towers
0 Augmentations

Theoretical pattern RMS: 283.20
Standard pattern RMS: 297.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	18.86	22.92	
5	41.12	44.69	
10	59.32	63.34	
15	70.06	74.46	
20	70.61	75.03	
25	59.24	63.26	
30	36.67	40.19	
35	24.99	28.67	
40	66.82	71.10	
45	127.16	134.02	
50	195.04	205.12	
55	264.72	278.20	
60	330.22	346.93	
65	385.27	404.69	
70	423.81	445.15	
75	440.79	462.97	
80	432.94	454.73	
85	399.90	420.05	
90	345.89	363.36	
95	283.41	297.80	
100	240.98	253.29	
105	257.87	271.01	
110	334.72	351.65	
115	437.22	459.23	
120	539.04	566.11	
125	624.83	656.18	
130	685.35	719.72	
135	715.40	751.26	
140	713.12	748.87	
145	679.64	713.71	
150	618.58	649.61	
155	535.56	562.46	
160	437.60	459.63	
165	332.50	349.32	
170	228.40	240.10	
175	134.30	141.49	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	67.12	71.42	
185	69.39	73.77	
190	108.08	114.07	
195	139.19	146.61	
200	157.37	165.65	
205	165.15	173.79	
210	167.18	175.92	
215	168.05	176.83	
220	170.22	179.10	
225	173.04	182.05	
230	173.58	182.63	
235	168.65	177.46	
240	156.26	164.48	
245	136.28	143.55	
250	110.43	116.52	
255	81.89	86.76	
260	54.74	58.63	
265	33.41	36.93	
270	21.61	25.45	
275	17.39	21.60	
280	13.09	17.94	
285	5.72	13.01	
290	6.24	13.27	
295	15.42	19.88	
300	21.52	25.37	
305	22.06	25.88	
310	16.21	20.56	
315	4.75	12.57	
320	10.51	15.96	
325	26.26	29.89	
330	39.46	43.00	
335	47.25	50.94	
340	47.72	51.42	
345	40.19	43.75	
350	25.34	29.01	
355	5.91	13.10	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission