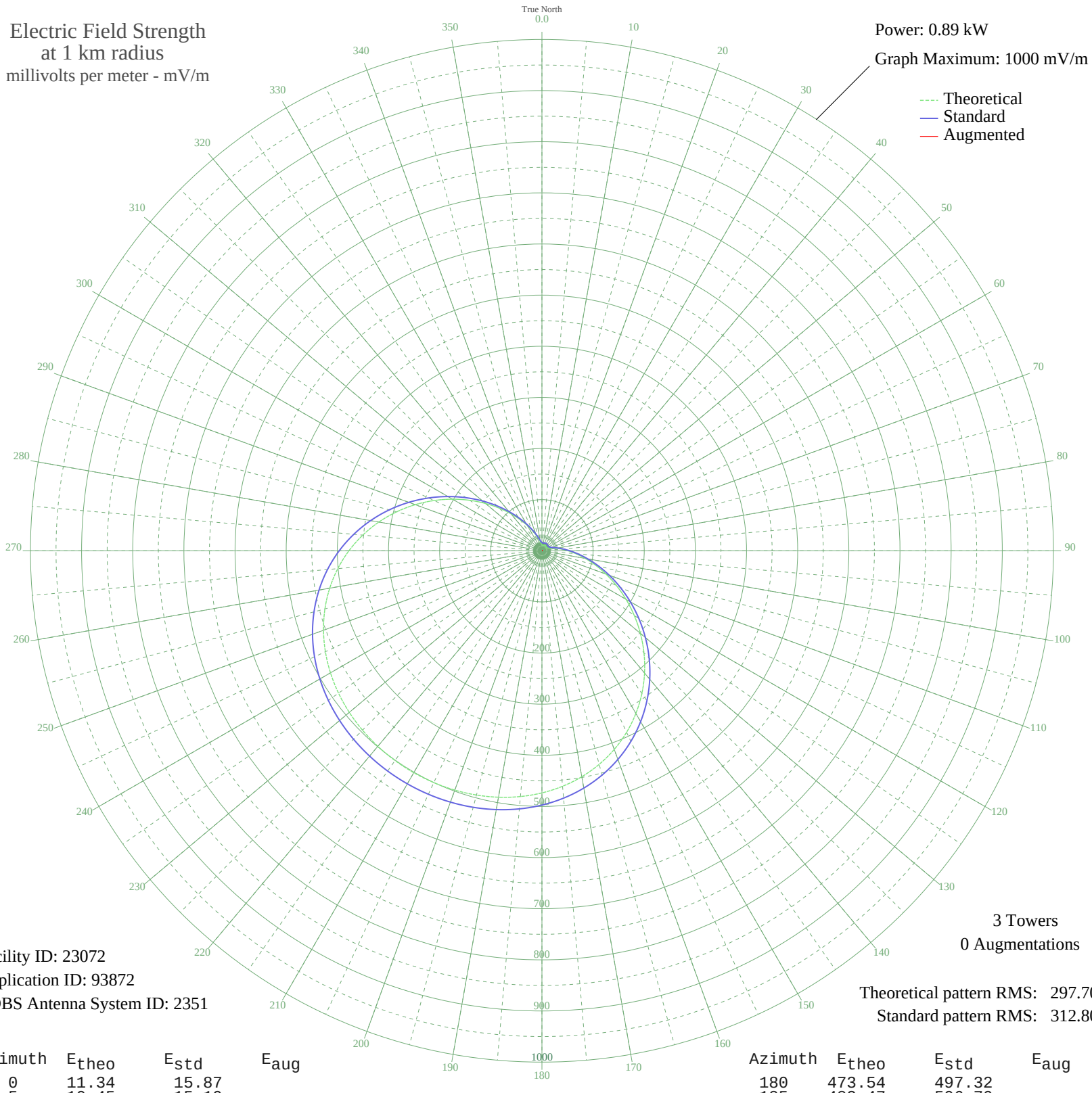
KSAH UNIVERSAL CITY, TX BL-19861030AU 720 kHz

Nighttime

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



Power: 0.89 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 23072
Application ID: 93872
CDBS Antenna System ID: 2351

Theoretical pattern RMS: 297.70
Standard pattern RMS: 312.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	11.34	15.87	
5	10.45	15.19	
10	10.45	15.19	
15	10.93	15.56	
20	11.55	16.04	
25	12.06	16.45	
30	12.30	16.64	
35	12.19	16.56	
40	11.78	16.23	
45	11.18	15.75	
50	10.61	15.31	
55	10.37	15.13	
60	10.85	15.49	
65	12.46	16.78	
70	15.60	19.46	
75	20.64	24.08	
80	27.97	31.18	
85	37.93	41.19	
90	50.82	54.38	
95	66.81	70.93	
100	85.96	90.87	
105	108.16	114.05	
110	133.14	140.19	
115	160.52	168.87	
120	189.75	199.51	
125	220.21	231.46	
130	251.22	263.99	
135	282.07	296.36	
140	312.09	327.86	
145	340.68	357.87	
150	367.33	385.84	
155	391.65	411.37	
160	413.38	434.18	
165	432.40	454.14	
170	448.69	471.25	
175	462.35	485.58	
180	473.54	497.32	
185	482.47	506.70	
190	489.38	513.96	
195	494.52	519.35	
200	498.08	523.09	
205	500.24	525.36	
210	501.11	526.27	
215	500.74	525.88	
220	499.10	524.16	
225	496.12	521.03	
230	491.64	516.33	
235	485.46	509.84	
240	477.37	501.34	
245	467.11	490.58	
250	454.46	477.30	
255	439.24	461.32	
260	421.32	442.51	
265	400.66	420.83	
270	377.36	396.36	
275	351.60	369.33	
280	323.73	340.08	
285	294.21	309.10	
290	263.61	276.99	
295	232.59	244.44	
300	201.82	212.17	
305	172.02	180.93	
310	143.83	151.39	
315	117.84	124.17	
320	94.48	99.76	
325	74.10	78.51	
330	56.84	60.60	
335	42.72	46.07	
340	31.62	34.82	
345	23.28	26.60	
350	17.37	21.04	
355	13.51	17.65	

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission