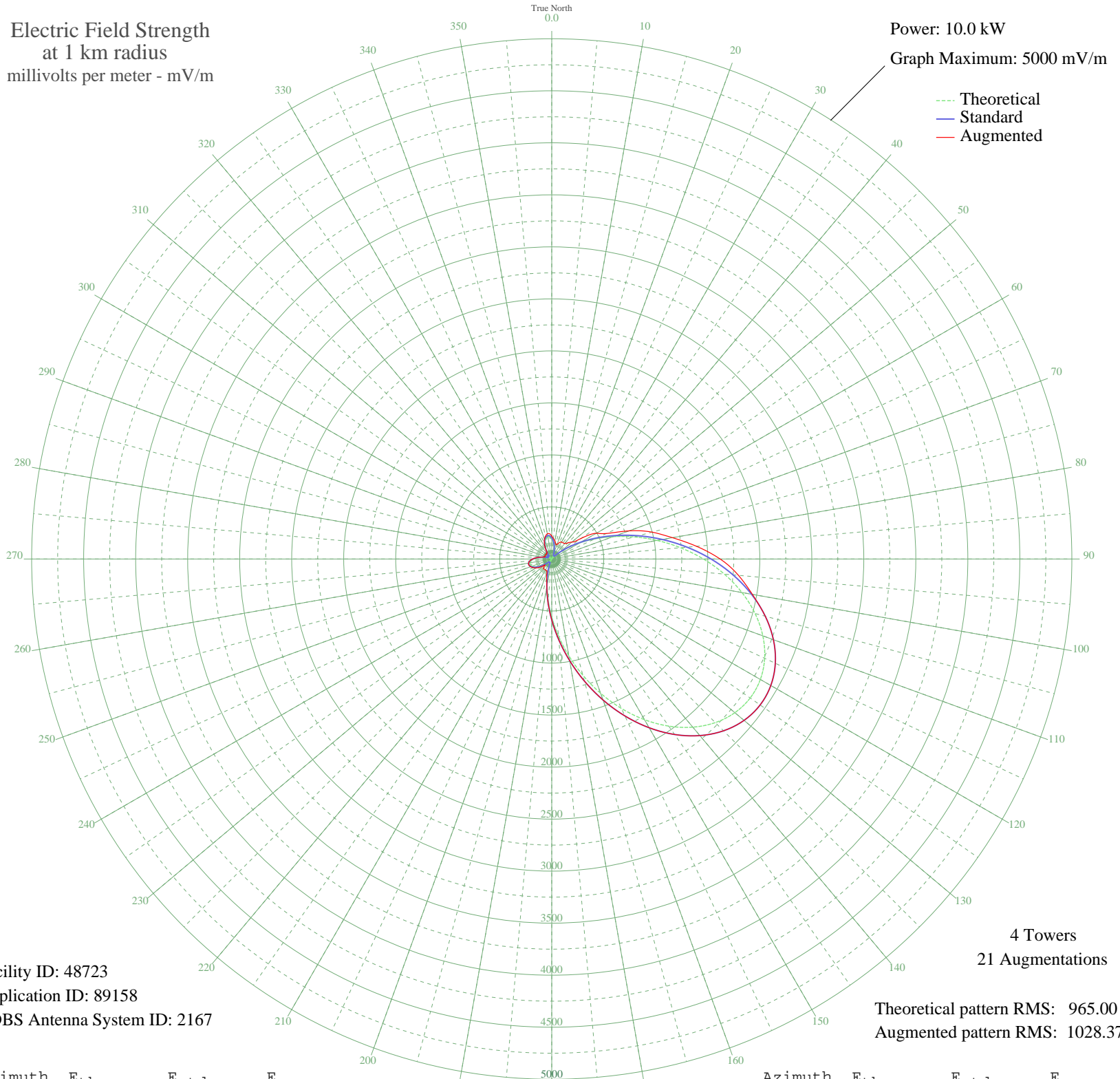


# KKYX SAN ANTONIO, TX BL-19860610AB 680 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 48723  
Application ID: 89158  
CDBS Antenna System ID: 2167

Theoretical pattern RMS: 965.00  
Augmented pattern RMS: 1028.37

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	192.30	204.63	221.39
5	163.01	174.35	195.36
10	125.72	136.12	175.34
15	84.61	94.84	148.59
20	44.44	57.27	149.01
25	10.34	34.93	174.18
30	12.61	35.75	188.00
35	19.53	39.03	189.11
40	6.10	33.82	195.20
45	31.30	46.72	218.29
50	95.34	105.47	253.00
55	187.53	199.69	345.96
60	308.12	325.22	494.50
65	455.88	479.82	579.44
70	628.12	660.36	790.82
75	820.64	862.31	998.00
80	1027.85	1079.75	1178.90
85	1242.96	1305.53	1397.88
90	1458.31	1531.58	1619.00
95	1665.68	1749.28	1801.81
100	1856.83	1949.95	1958.81
105	2023.83	2125.28	2125.28
110	2159.63	2267.85	2267.85
115	2258.35	2371.50	2371.50
120	2315.68	2431.69	2431.69
125	2329.11	2445.79	2445.79
130	2298.05	2413.18	2413.18
135	2223.85	2335.28	2335.28
140	2109.78	2215.52	2215.52
145	1960.80	2059.11	2059.11
150	1783.30	1872.76	1872.76
155	1584.72	1664.29	1664.29
160	1373.18	1442.22	1442.22
165	1156.97	1215.27	1215.27
170	944.12	991.88	991.88
175	742.00	779.81	779.81

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	556.95	585.74	585.74
185	394.02	415.05	415.05
190	256.82	271.70	272.50
195	147.46	158.35	188.43
200	66.56	77.38	135.62
205	13.37	36.05	121.35
210	14.13	36.37	120.95
215	18.99	38.73	120.95
220	5.14	33.64	120.78
225	22.84	40.96	107.54
230	59.97	71.19	91.10
235	101.11	111.24	135.25
240	141.26	151.99	171.22
245	175.82	187.57	197.59
250	200.96	213.61	215.81
255	213.90	227.04	227.04
260	213.13	226.24	226.24
265	198.62	211.17	211.17
270	171.81	183.43	183.43
275	135.53	146.13	146.13
280	93.75	103.88	103.88
285	51.09	63.09	76.79
290	12.39	35.66	69.61
295	17.93	38.17	70.87
300	36.37	50.60	73.51
305	40.77	54.18	72.20
310	30.63	46.23	72.00
315	7.13	34.04	69.26
320	27.01	43.67	72.54
325	67.85	78.60	79.71
330	110.74	120.92	122.55
335	150.86	161.85	167.19
340	183.79	195.82	203.52
345	205.98	218.81	228.94
350	215.12	228.30	245.72
355	210.35	223.35	243.75