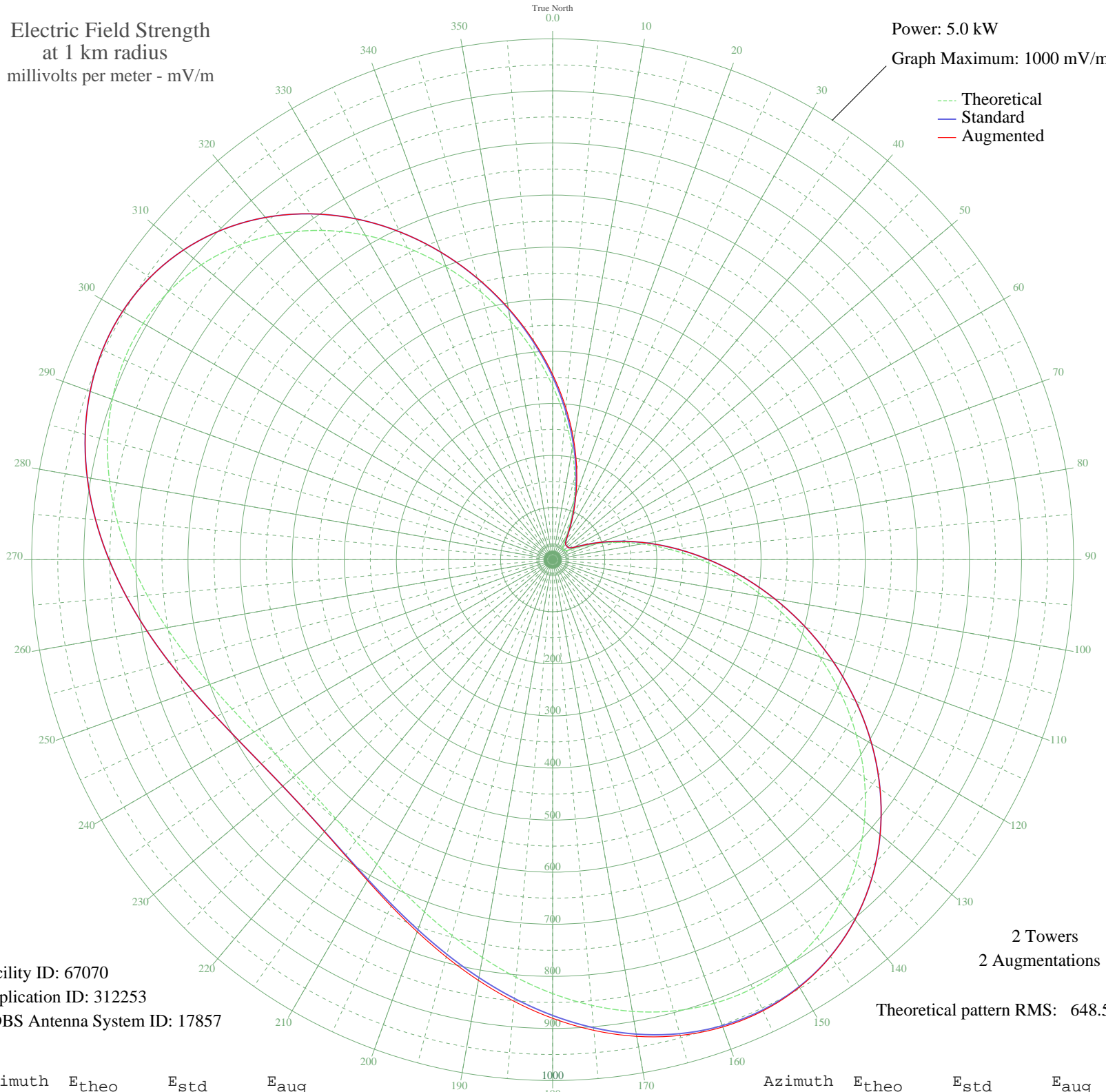


# KAHL SAN ANTONIO, TX BL-- 1310 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 67070  
Application ID: 312253  
CDBS Antenna System ID: 17857

2 Towers  
2 Augmentations

Theoretical pattern RMS: 648.57

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	333.53	350.99	355.70
5	272.10	286.67	292.30
10	215.28	227.26	232.90
15	164.14	173.94	178.43
20	119.65	127.80	130.18
25	82.73	89.99	90.28
30	54.53	61.88	61.88
35	36.56	44.99	44.99
40	29.21	38.63	38.63
45	28.11	37.71	37.71
50	28.14	37.74	37.74
55	29.97	39.26	39.26
60	39.26	47.44	47.44
65	59.41	66.65	66.65
70	89.46	96.82	96.82
75	127.97	136.40	136.40
80	173.86	184.06	184.06
85	226.22	238.69	238.69
90	284.06	299.18	299.18
95	346.26	364.33	364.33
100	411.55	432.76	432.76
105	478.47	502.94	502.94
110	545.47	573.22	573.22
115	610.87	641.84	641.84
120	673.02	707.06	707.06
125	730.29	767.16	767.16
130	781.22	820.61	820.61
135	824.56	866.10	866.10
140	859.35	902.63	902.63
145	885.00	929.54	929.54
150	901.25	946.60	947.58
155	908.27	953.97	955.72
160	906.57	952.18	954.81
165	896.99	942.13	945.65
170	880.66	924.99	929.34
175	858.89	902.14	907.17

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	833.13	875.10	880.58
185	804.89	845.46	851.09
190	775.64	814.76	820.23
195	746.81	784.51	789.47
200	719.69	756.04	760.22
205	695.43	730.58	733.76
210	674.98	709.11	711.24
215	659.12	692.47	693.62
220	648.42	681.25	681.66
225	643.27	675.84	675.88
230	643.85	676.45	676.45
235	650.13	683.04	683.04
240	661.89	695.38	695.38
245	678.72	713.04	713.04
250	700.00	735.38	735.38
255	724.92	761.53	761.53
260	752.48	790.46	790.46
265	781.50	820.91	820.91
270	810.66	851.52	851.52
275	838.53	880.77	880.77
280	863.61	907.09	907.09
285	884.40	928.92	928.92
290	899.48	944.75	944.75
295	907.57	953.23	953.23
300	907.58	953.25	953.25
305	898.75	943.98	943.98
310	880.62	924.94	924.94
315	853.11	896.07	896.07
320	816.55	857.69	857.69
325	771.60	810.52	810.52
330	719.30	755.63	755.63
335	660.93	694.37	694.37
340	598.00	628.34	628.43
345	532.14	559.24	559.94
350	465.03	488.85	490.68
355	398.31	418.88	422.17