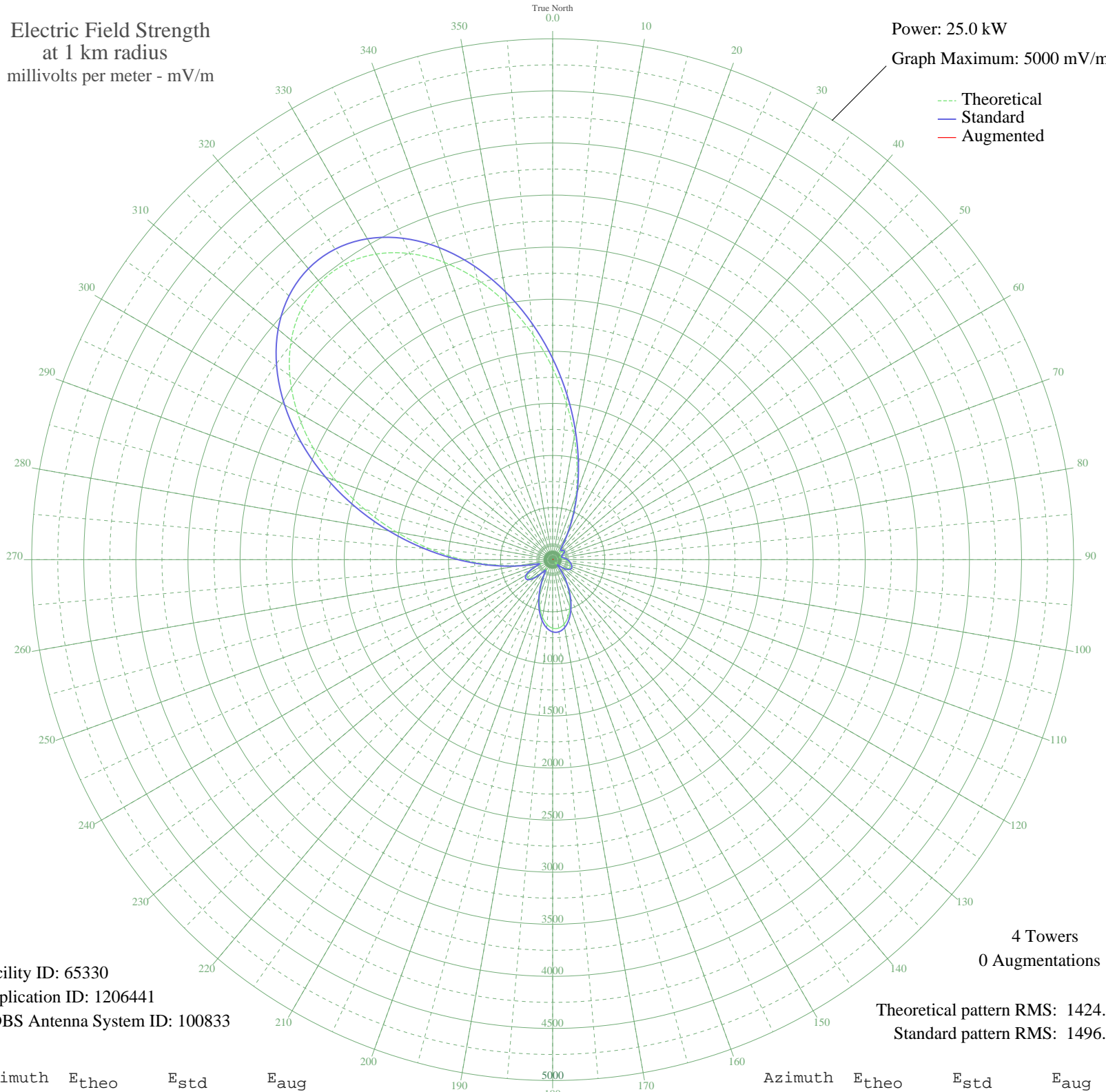


# KZDC SAN ANTONIO, TX BP-20071025AAK 1250 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 65330  
Application ID: 1206441  
CDBS Antenna System ID: 100833

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1424.00  
Standard pattern RMS: 1496.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1838.55	1931.19	
5	1510.62	1587.02	
10	1196.94	1257.88	
15	907.99	954.83	
20	652.22	686.84	
25	436.08	460.88	
30	264.90	283.06	
35	146.64	162.68	
40	98.79	116.26	
45	108.69	125.62	
50	122.52	138.95	
55	121.43	137.88	
60	106.62	123.65	
65	85.35	103.86	
70	69.22	89.66	
75	70.52	90.77	
80	87.09	105.45	
85	107.82	124.79	
90	126.88	143.19	
95	143.23	159.29	
100	157.64	173.65	
105	170.36	186.42	
110	179.67	195.82	
115	181.81	197.98	
120	171.94	188.01	
125	145.63	161.68	
130	100.45	117.81	
135	41.97	68.54	
140	67.15	87.91	
145	164.09	180.12	
150	272.94	291.36	
155	382.71	405.26	
160	484.17	511.08	
165	568.73	599.47	
170	629.06	662.59	
175	659.85	694.83	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	658.25	693.15	
185	624.12	657.42	
190	559.97	590.31	
195	470.79	497.11	
200	363.84	385.62	
205	249.20	266.87	
210	144.89	160.94	
215	104.99	122.11	
220	161.16	177.17	
225	231.20	248.38	
230	280.18	298.84	
235	296.73	315.96	
240	275.11	293.60	
245	214.28	231.03	
250	130.86	147.09	
255	150.36	166.38	
260	329.96	350.41	
265	575.23	606.26	
270	862.76	907.42	
275	1181.42	1241.61	
280	1520.36	1597.24	
285	1867.66	1961.74	
290	2210.44	2321.56	
295	2535.35	2662.64	
300	2829.17	2971.09	
305	3079.51	3233.91	
310	3275.55	3439.73	
315	3408.65	3579.47	
320	3472.90	3646.92	
325	3465.53	3639.19	
330	3387.15	3556.90	
335	3241.72	3404.21	
340	3036.34	3188.59	
345	2780.86	2920.37	
350	2487.17	2612.05	
355	2168.50	2277.53	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission