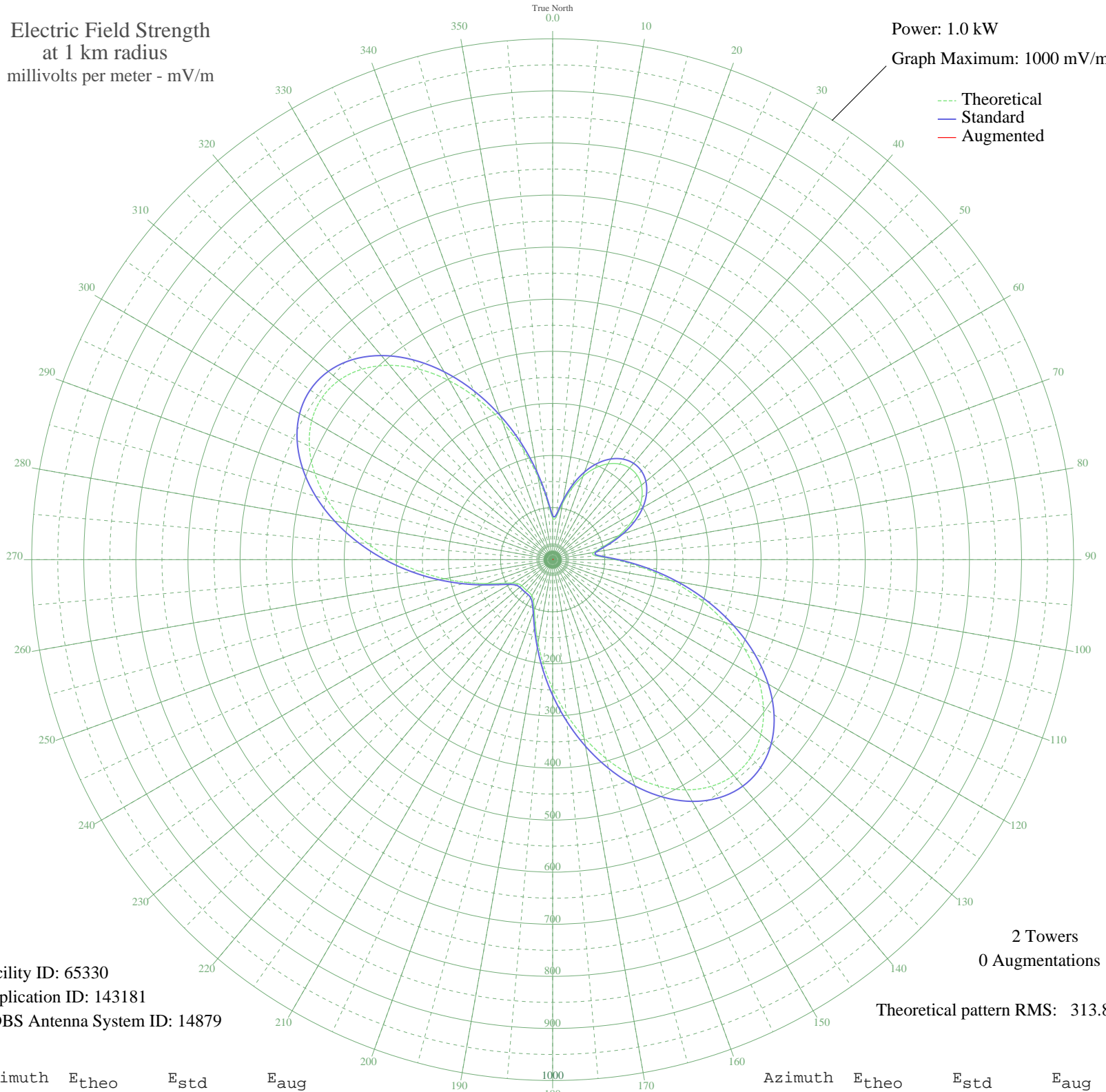


# KZDC SAN ANTONIO, TX BL-RD1104CK 1250 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 65330  
Application ID: 143181  
CDBS Antenna System ID: 14879

2 Towers  
0 Augmentations

Theoretical pattern RMS: 313.82

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	80.22	84.88	
5	83.42	88.22	
10	109.97	115.94	
15	141.45	148.90	
20	170.37	179.20	
25	194.27	204.26	
30	212.30	223.16	
35	224.17	235.61	
40	229.79	241.51	
45	229.17	240.86	
50	222.29	233.64	
55	209.18	219.89	
60	189.95	199.72	
65	164.95	173.51	
70	135.23	142.38	
75	103.86	109.55	
80	80.16	84.82	
85	83.92	88.74	
90	119.84	126.27	
95	172.31	181.23	
100	231.49	243.29	
105	292.50	307.31	
110	351.99	369.74	
115	407.06	427.55	
120	455.14	478.01	
125	493.99	518.79	
130	521.84	548.03	
135	537.54	564.51	
140	540.59	567.71	
145	531.20	557.85	
150	510.26	535.88	
155	479.26	503.33	
160	440.11	462.24	
165	395.06	414.94	
170	346.45	363.93	
175	296.66	311.66	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	247.92	260.53	
185	202.33	212.71	
190	161.83	170.25	
195	128.24	135.06	
200	103.14	108.80	
205	87.34	92.30	
210	79.81	84.45	
215	77.53	82.08	
220	77.29	81.83	
225	77.29	81.83	
230	77.74	82.30	
235	80.78	85.46	
240	89.77	94.84	
245	107.42	113.28	
250	134.32	141.43	
255	169.44	178.22	
260	211.10	221.91	
265	257.48	270.56	
270	306.60	322.10	
275	356.34	374.31	
280	404.43	424.78	
285	448.49	471.03	
290	486.18	510.59	
295	515.31	541.18	
300	534.03	560.83	
305	540.99	568.13	
310	535.41	562.27	
315	517.22	543.18	
320	487.05	511.51	
325	446.20	468.63	
330	396.53	416.49	
335	340.36	357.53	
340	280.32	294.53	
345	219.38	230.59	
350	161.07	169.45	
355	110.86	116.88	