

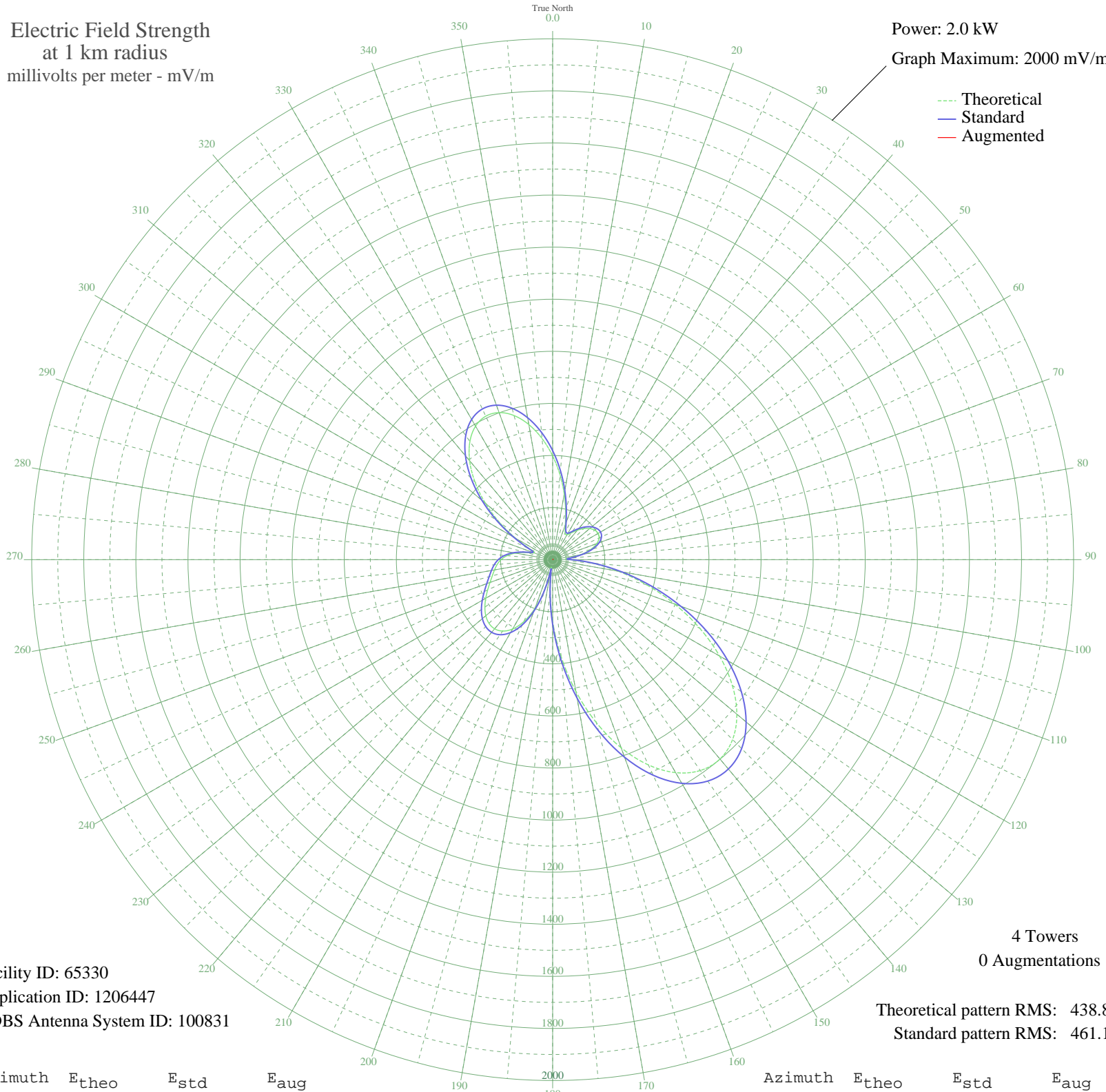
KZDC SAN ANTONIO, TX BP-20071025AAJ 1250 kHz

Nighttime

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

Power: 2.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 65330
Application ID: 1206447
CDBS Antenna System ID: 100831

4 Towers
0 Augmentations

Theoretical pattern RMS: 438.80
Standard pattern RMS: 461.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	398.41	418.64	
5	326.32	343.02	
10	255.97	269.25	
15	192.63	202.91	
20	142.48	150.48	
25	113.47	120.25	
30	110.44	117.09	
35	125.76	133.04	
40	147.44	155.66	
45	168.55	177.72	
50	185.87	195.84	
55	197.46	207.97	
60	201.60	212.30	
65	196.44	206.90	
70	180.08	189.78	
75	150.89	159.27	
80	108.50	115.07	
85	60.03	65.09	
90	67.24	72.44	
95	149.54	157.85	
100	255.53	268.80	
105	373.99	393.02	
110	498.63	523.81	
115	622.95	654.30	
120	739.90	777.07	
125	842.25	884.51	
130	923.18	969.48	
135	976.94	1025.92	
140	999.39	1049.48	
145	988.45	1038.00	
150	944.34	991.69	
155	869.56	913.18	
160	768.63	807.23	
165	647.65	680.23	
170	513.71	539.64	
175	374.24	393.29	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	236.52	248.88	
185	107.81	114.36	
190	30.01	35.45	
195	117.97	124.93	
200	199.64	210.25	
205	262.86	276.48	
210	307.46	323.25	
215	334.69	351.80	
220	346.59	364.28	
225	345.73	363.38	
230	335.03	352.16	
235	317.61	333.89	
240	296.68	311.94	
245	275.29	289.51	
250	255.93	269.22	
255	239.89	252.41	
260	226.68	238.56	
265	213.96	225.24	
270	198.22	208.77	
275	175.91	185.42	
280	144.74	152.85	
285	106.17	112.65	
290	75.55	80.97	
295	96.39	102.50	
300	164.25	173.22	
305	248.80	261.75	
310	337.27	354.51	
315	421.80	443.19	
320	495.84	520.89	
325	553.94	581.86	
330	592.04	621.85	
335	607.85	638.45	
340	601.00	631.26	
345	572.96	601.83	
350	526.87	553.45	
355	467.01	490.63	

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