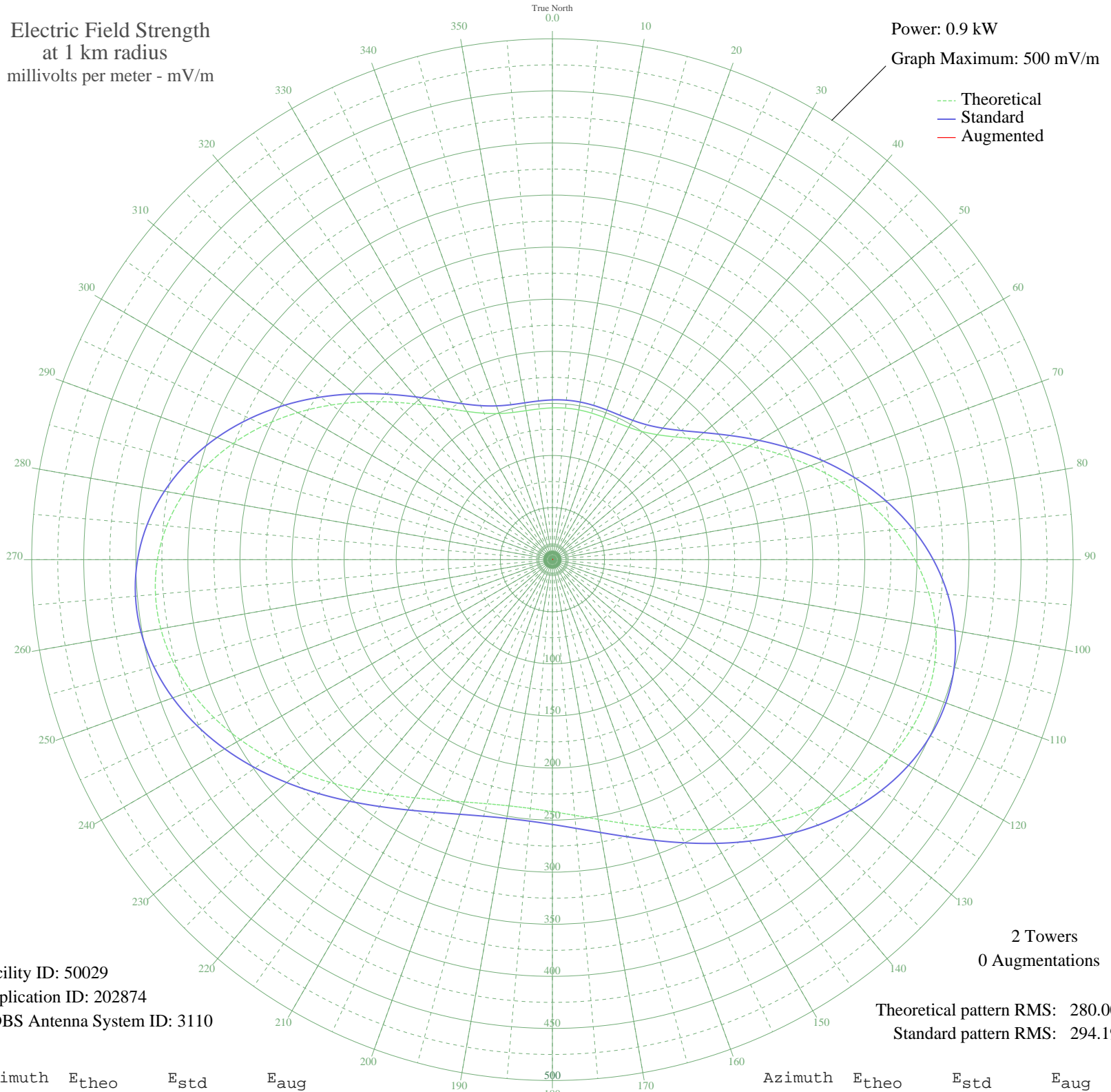


# KONO SAN ANTONIO, TX BL-19940929AD 860 kHz

Nighttime

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

Power: 0.9 kW  
Graph Maximum: 500 mV/m



Facility ID: 50029  
Application ID: 202874  
CDBS Antenna System ID: 3110

2 Towers  
0 Augmentations

Theoretical pattern RMS: 280.00  
Standard pattern RMS: 294.19

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	145.71	153.36	
5	146.01	153.67	
10	145.98	153.64	
15	145.63	153.27	
20	145.24	152.87	
25	145.36	152.99	
30	146.71	154.41	
35	150.19	158.05	
40	156.63	164.80	
45	166.64	175.28	
50	180.41	189.72	
55	197.71	207.86	
60	217.93	229.06	
65	240.21	252.44	
70	263.59	276.97	
75	287.03	301.57	
80	309.54	325.19	
85	330.19	346.85	
90	348.15	365.71	
95	362.78	381.06	
100	373.58	392.39	
105	380.26	399.41	
110	382.76	402.03	
115	381.20	400.40	
120	375.92	394.85	
125	367.39	385.90	
130	356.23	374.18	
135	343.12	360.43	
140	328.79	345.39	
145	313.97	329.84	
150	299.33	314.47	
155	285.47	299.93	
160	272.90	286.74	
165	262.01	275.31	
170	253.10	265.96	
175	246.35	258.88	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	241.88	254.20	
185	239.76	251.96	
190	239.99	252.21	
195	242.59	254.94	
200	247.52	260.11	
205	254.71	267.65	
210	264.04	277.44	
215	275.29	289.25	
220	288.15	302.74	
225	302.21	317.50	
230	316.94	332.95	
235	331.72	348.46	
240	345.86	363.31	
245	358.64	376.71	
250	369.33	387.93	
255	377.25	396.25	
260	381.82	401.05	
265	382.59	401.85	
270	379.26	398.36	
275	371.74	390.47	
280	360.15	378.30	
285	344.81	362.20	
290	326.25	342.72	
295	305.16	320.59	
300	282.39	296.69	
305	258.88	272.02	
310	235.64	247.64	
315	213.69	224.62	
320	193.99	203.96	
325	177.36	186.52	
330	164.33	172.87	
335	155.07	163.16	
340	149.28	157.10	
345	146.30	153.98	
350	145.26	152.89	
355	145.30	152.93	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission