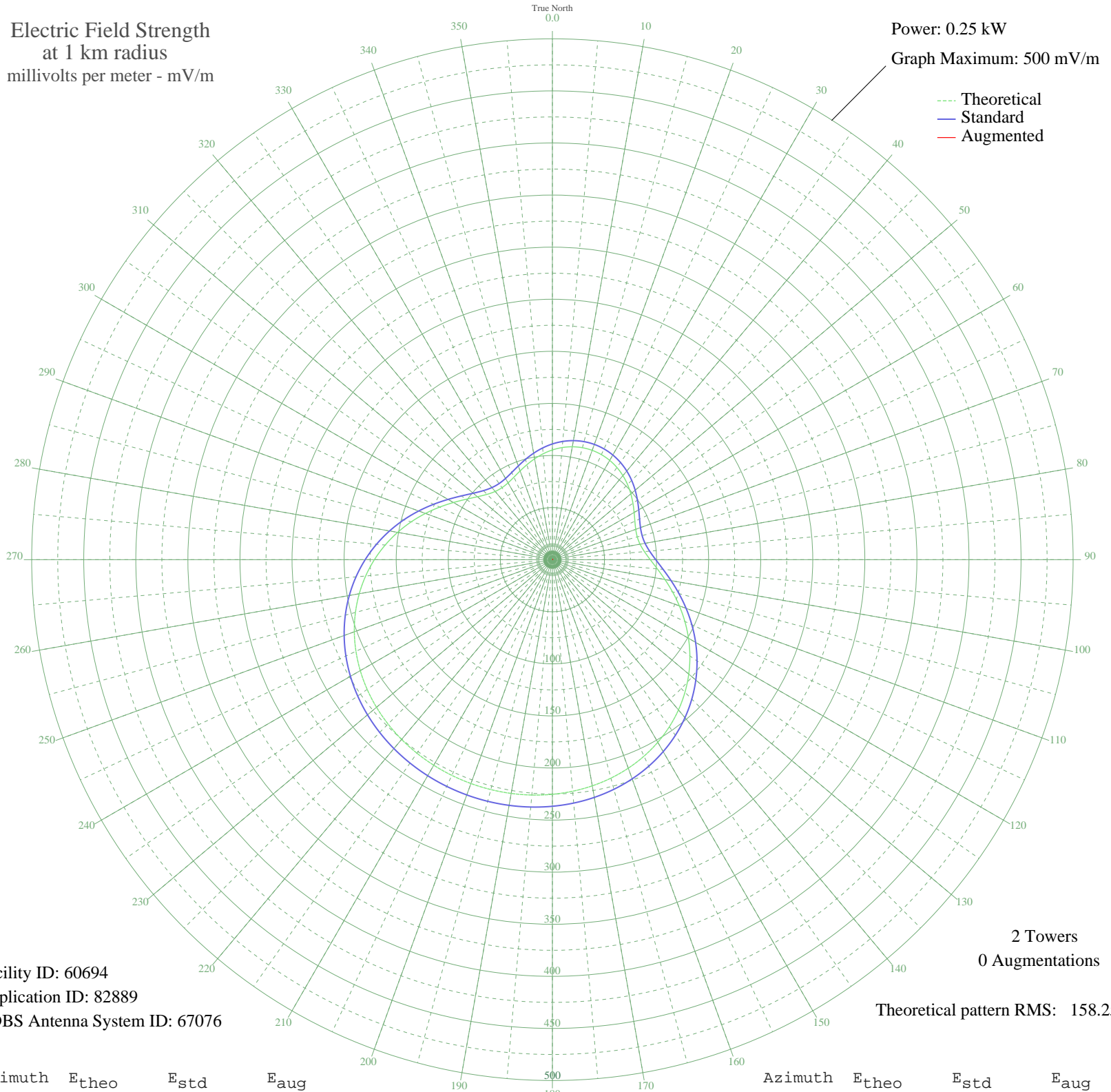


# KUOL SAN MARCOS, TX BL-19851028AF 1470 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 60694  
Application ID: 82889  
CDBS Antenna System ID: 67076

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 158.25

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	105.32	111.08	
5	108.03	113.92	
10	110.04	116.02	
15	111.27	117.31	
20	111.69	117.74	
25	111.27	117.31	
30	110.04	116.02	
35	108.03	113.92	
40	105.32	111.08	
45	102.02	107.63	
50	98.30	103.75	
55	94.40	99.68	
60	90.63	95.74	
65	87.39	92.36	
70	85.14	90.01	
75	84.37	89.21	
80	85.47	90.36	
85	88.68	93.70	
90	93.97	99.23	
95	101.11	106.68	
100	109.73	115.69	
105	119.40	125.81	
110	129.73	136.62	
115	140.33	147.72	
120	150.89	158.78	
125	161.16	169.54	
130	170.91	179.76	
135	180.00	189.30	
140	188.32	198.02	
145	195.80	205.86	
150	202.40	212.78	
155	208.13	218.79	
160	213.02	223.92	
165	217.12	228.21	
170	220.47	231.74	
175	223.16	234.56	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	225.25	236.74	
185	226.80	238.37	
190	227.86	239.49	
195	228.48	240.14	
200	228.69	240.35	
205	228.48	240.14	
210	227.86	239.49	
215	226.80	238.37	
220	225.25	236.74	
225	223.16	234.56	
230	220.47	231.74	
235	217.12	228.21	
240	213.02	223.92	
245	208.13	218.79	
250	202.40	212.78	
255	195.80	205.86	
260	188.32	198.02	
265	180.00	189.30	
270	170.91	179.76	
275	161.16	169.54	
280	150.89	158.78	
285	140.33	147.72	
290	129.73	136.62	
295	119.40	125.81	
300	109.73	115.69	
305	101.11	106.68	
310	93.97	99.23	
315	88.68	93.70	
320	85.47	90.36	
325	84.37	89.21	
330	85.14	90.01	
335	87.39	92.36	
340	90.63	95.74	
345	94.40	99.68	
350	98.30	103.75	
355	102.02	107.63	