

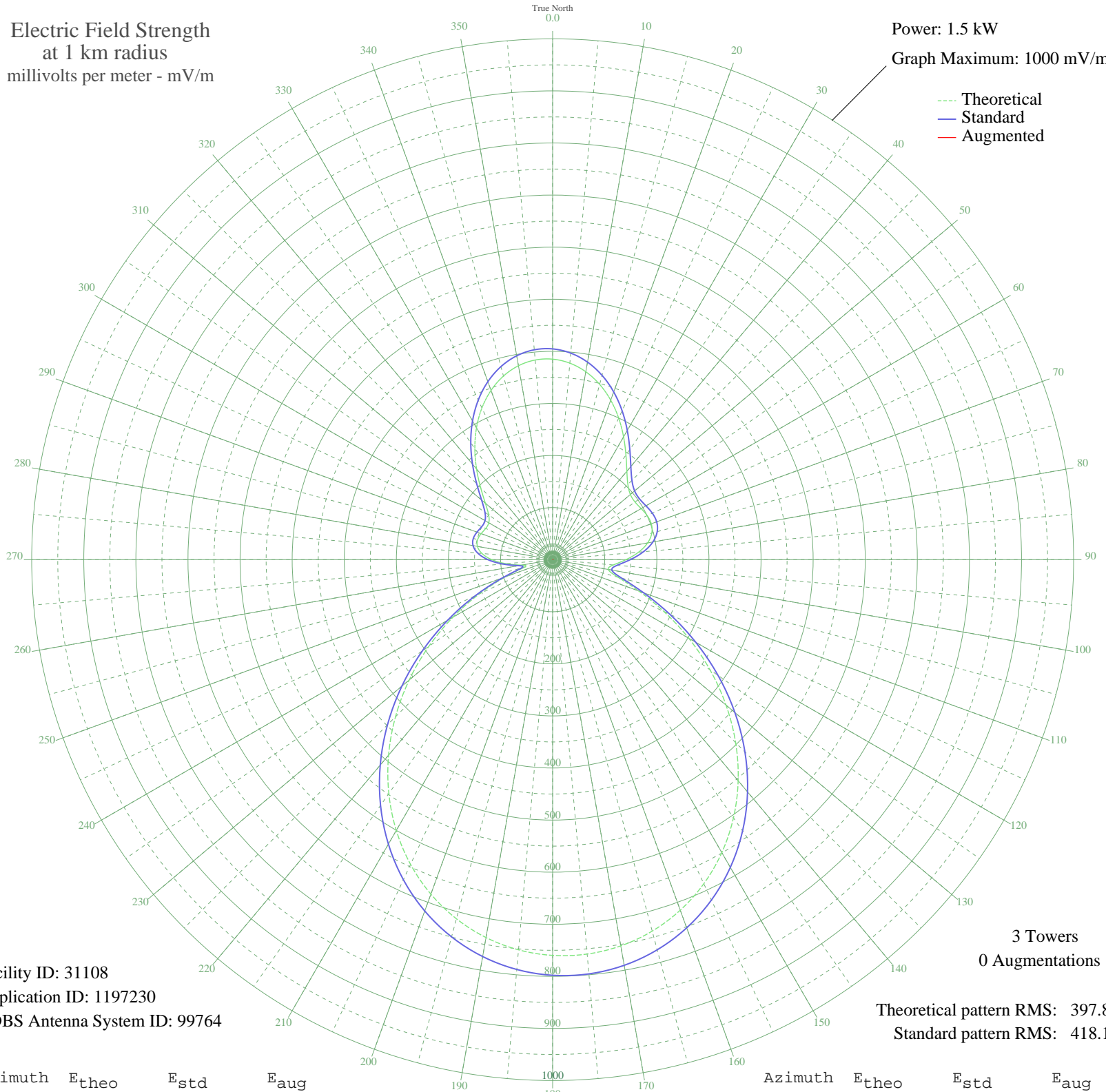
# KSET LUMBERTON, TX BMP-20061122AIO 1300 kHz

Daytime

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

Power: 1.5 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 31108  
Application ID: 1197230  
CDBS Antenna System ID: 99764

3 Towers  
0 Augmentations

Theoretical pattern RMS: 397.80  
Standard pattern RMS: 418.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	384.97	404.67	
5	378.73	398.12	
10	366.36	385.16	
15	348.45	366.37	
20	325.86	342.69	
25	299.88	315.46	
30	272.24	286.50	
35	245.24	258.21	
40	221.62	233.49	
45	204.18	215.25	
50	194.75	205.38	
55	192.96	203.51	
60	196.10	206.80	
65	200.23	211.12	
70	201.52	212.46	
75	197.04	207.78	
80	185.14	195.34	
85	165.67	175.01	
90	140.73	149.01	
95	116.81	124.14	
100	108.23	115.24	
105	129.36	137.17	
110	175.85	185.63	
115	235.77	248.30	
120	301.53	317.19	
125	368.74	387.65	
130	434.50	456.63	
135	496.75	521.94	
140	553.97	581.98	
145	605.10	635.64	
150	649.43	682.17	
155	686.53	721.11	
160	716.19	752.25	
165	738.34	775.49	
170	752.96	790.85	
175	760.11	798.34	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	759.78	798.00	
185	751.98	789.81	
190	736.67	773.74	
195	713.81	749.75	
200	683.39	717.81	
205	645.48	678.02	
210	600.29	630.59	
215	548.24	575.97	
220	490.02	514.88	
225	426.64	448.38	
230	359.45	377.91	
235	290.21	305.32	
240	221.07	232.92	
245	154.83	163.70	
250	95.94	102.54	
255	56.30	62.14	
260	60.41	66.26	
265	89.47	95.88	
270	116.88	124.21	
275	136.25	144.34	
280	146.61	155.13	
285	149.03	157.65	
290	146.06	154.56	
295	141.82	150.14	
300	141.56	149.87	
305	149.97	158.63	
310	168.62	178.09	
315	195.54	206.21	
320	227.22	239.35	
325	260.37	274.06	
330	292.39	307.60	
335	321.34	337.95	
340	345.86	363.66	
345	364.98	383.71	
350	378.08	397.44	
355	384.79	404.48	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission