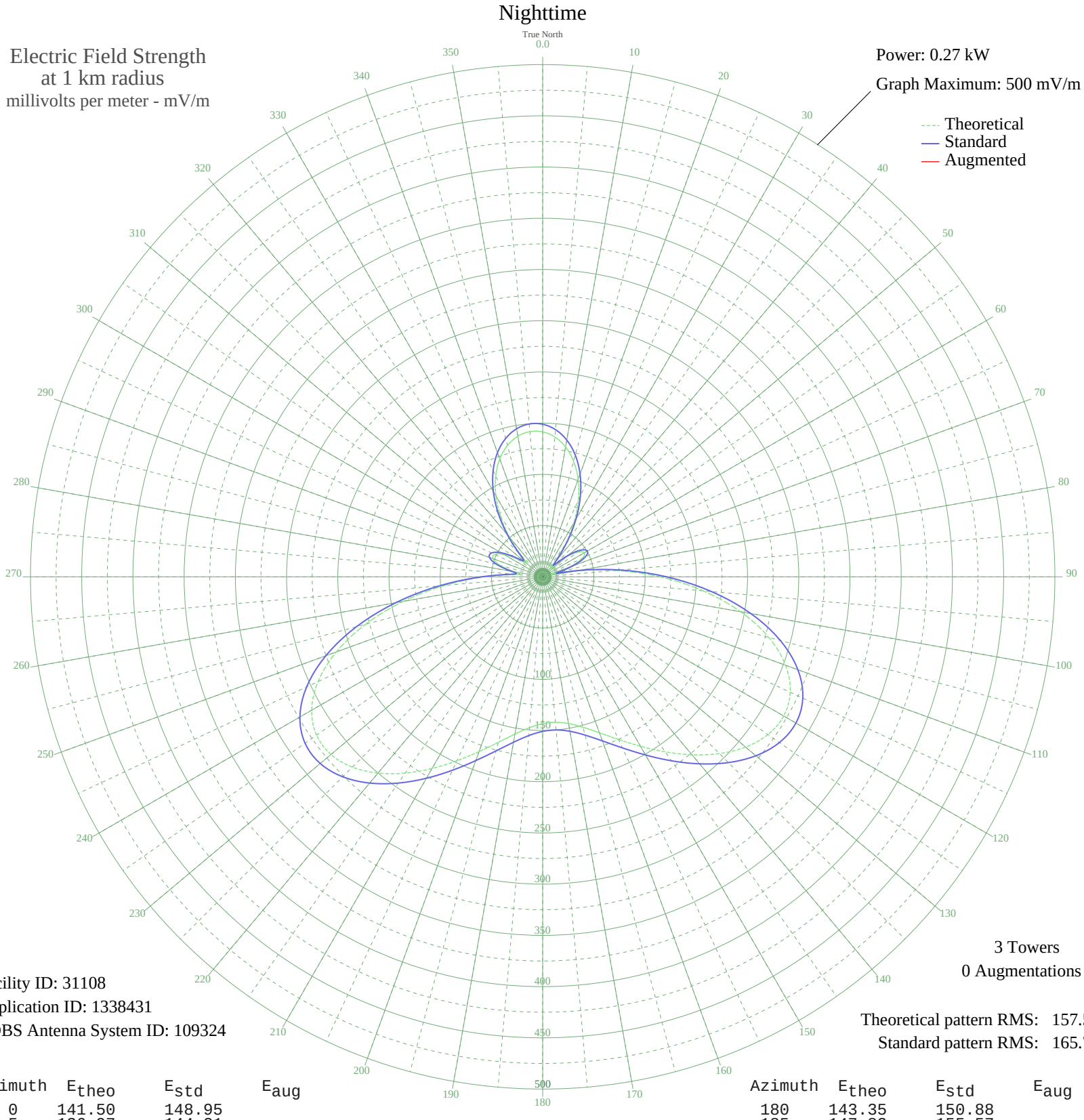
KSET LUMBERTON, TX BMML-20090622AGP 1300 kHz

Nighttime

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



Power: 0.27 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 31108
Application ID: 1338431
CDBS Antenna System ID: 109324

Theoretical pattern RMS: 157.57
Standard pattern RMS: 165.78

Azimuth	E_{theo}	E_{std}	E_{aug}
0	141.50	148.95	
5	136.97	144.21	
10	128.71	135.55	
15	116.73	123.02	
20	101.17	106.74	
25	82.35	87.10	
30	60.93	64.83	
35	38.06	41.32	
40	16.43	20.19	
45	13.70	17.81	
50	29.74	32.94	
55	42.09	45.42	
60	46.93	50.38	
65	42.48	45.82	
70	28.08	31.30	
75	8.17	13.56	
80	32.46	35.67	
85	71.82	76.14	
90	114.72	120.91	
95	157.34	165.54	
100	196.24	206.32	
105	228.55	240.21	
110	252.32	265.15	
115	266.65	280.18	
120	271.69	285.47	
125	268.46	282.07	
130	258.58	271.72	
135	244.01	256.43	
140	226.73	238.30	
145	208.55	219.22	
150	190.98	200.80	
155	175.19	184.25	
160	162.01	170.44	
165	152.00	159.94	
170	145.45	153.09	
175	142.55	150.05	

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.

29 Feb 2016

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	143.35	150.88	
185	147.82	155.57	
190	155.86	163.99	
195	167.23	175.91	
200	181.54	190.90	
205	198.11	208.28	
210	215.99	227.03	
215	233.86	245.77	
220	250.06	262.78	
225	262.70	276.04	
230	269.80	283.48	
235	269.50	283.17	
240	260.43	273.65	
245	241.92	254.24	
250	214.31	225.27	
255	178.98	188.23	
260	138.41	145.71	
265	95.95	101.29	
270	55.91	59.64	
275	26.27	29.51	
280	27.49	30.71	
285	42.75	46.10	
290	51.60	55.19	
295	51.56	55.15	
300	43.58	46.95	
305	30.57	33.77	
310	20.77	24.20	
315	29.80	33.01	
320	49.84	53.37	
325	71.29	75.58	
330	91.25	96.39	
335	108.50	114.41	
340	122.43	128.98	
345	132.76	139.80	
350	139.39	146.74	
355	142.30	149.79	