

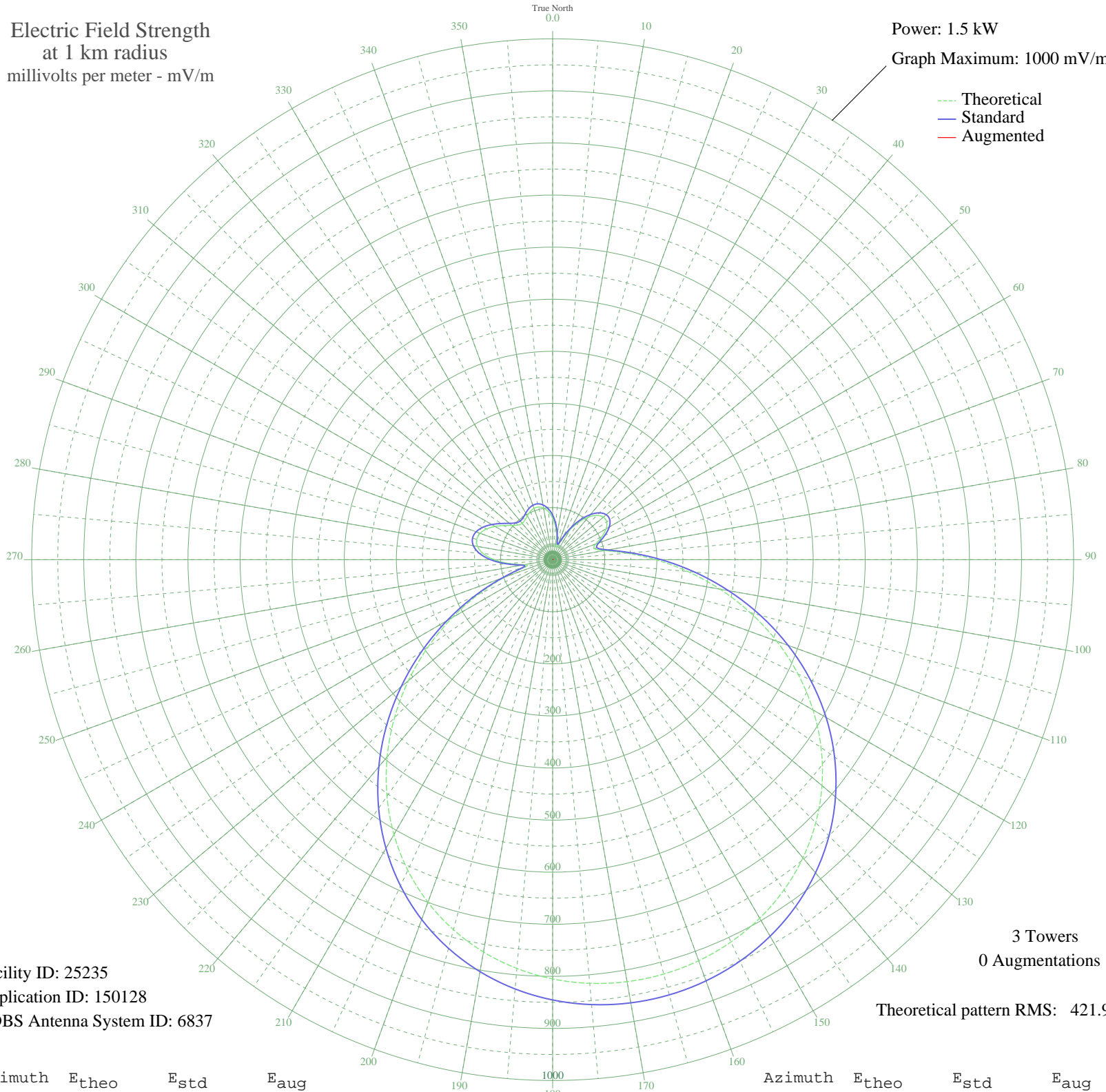
WCSZ SANS SOUCI, SC BL-19900710AE 1070 kHz

Nighttime

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: 25235
Application ID: 150128
CDBS Antenna System ID: 6837

Theoretical pattern RMS: 421.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	79.96	85.46	
5	63.98	69.05	
10	45.65	50.51	
15	28.88	34.26	
20	26.90	32.43	
25	44.09	48.96	
30	66.48	71.60	
35	88.18	93.95	
40	106.64	113.10	
45	120.05	127.06	
50	127.00	134.30	
55	126.54	133.82	
60	118.50	125.44	
65	104.17	110.53	
70	88.25	94.02	
75	82.49	88.07	
80	101.08	107.32	
85	142.63	150.60	
90	197.75	208.25	
95	260.18	273.65	
100	326.07	342.74	
105	392.66	412.60	
110	457.79	480.94	
115	519.72	545.93	
120	577.10	606.17	
125	629.01	660.65	
130	674.83	708.75	
135	714.29	750.18	
140	747.35	784.88	
145	774.14	813.01	
150	794.91	834.81	
155	809.93	850.58	
160	819.46	860.58	
165	823.70	865.03	
170	822.72	864.00	
175	816.52	857.49	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	804.95	845.35	
185	787.80	827.35	
190	764.78	803.18	
195	735.59	772.54	
200	700.00	735.17	
205	657.87	690.95	
210	609.27	639.93	
215	554.51	582.45	
220	494.23	519.18	
225	429.39	451.14	
230	361.32	379.72	
235	291.72	306.72	
240	222.64	234.32	
245	156.63	165.23	
250	97.53	103.64	
255	55.45	60.36	
260	55.53	60.44	
265	84.11	89.74	
270	112.52	119.22	
275	133.73	141.32	
280	146.43	154.57	
285	150.87	159.21	
290	148.08	156.30	
295	139.65	147.50	
300	127.57	134.89	
305	114.20	120.96	
310	102.17	108.46	
315	93.96	99.93	
320	90.98	96.85	
325	92.75	98.68	
330	97.19	103.29	
335	101.85	108.13	
340	104.76	111.15	
345	104.58	110.96	
350	100.54	106.77	
355	92.31	98.23	

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