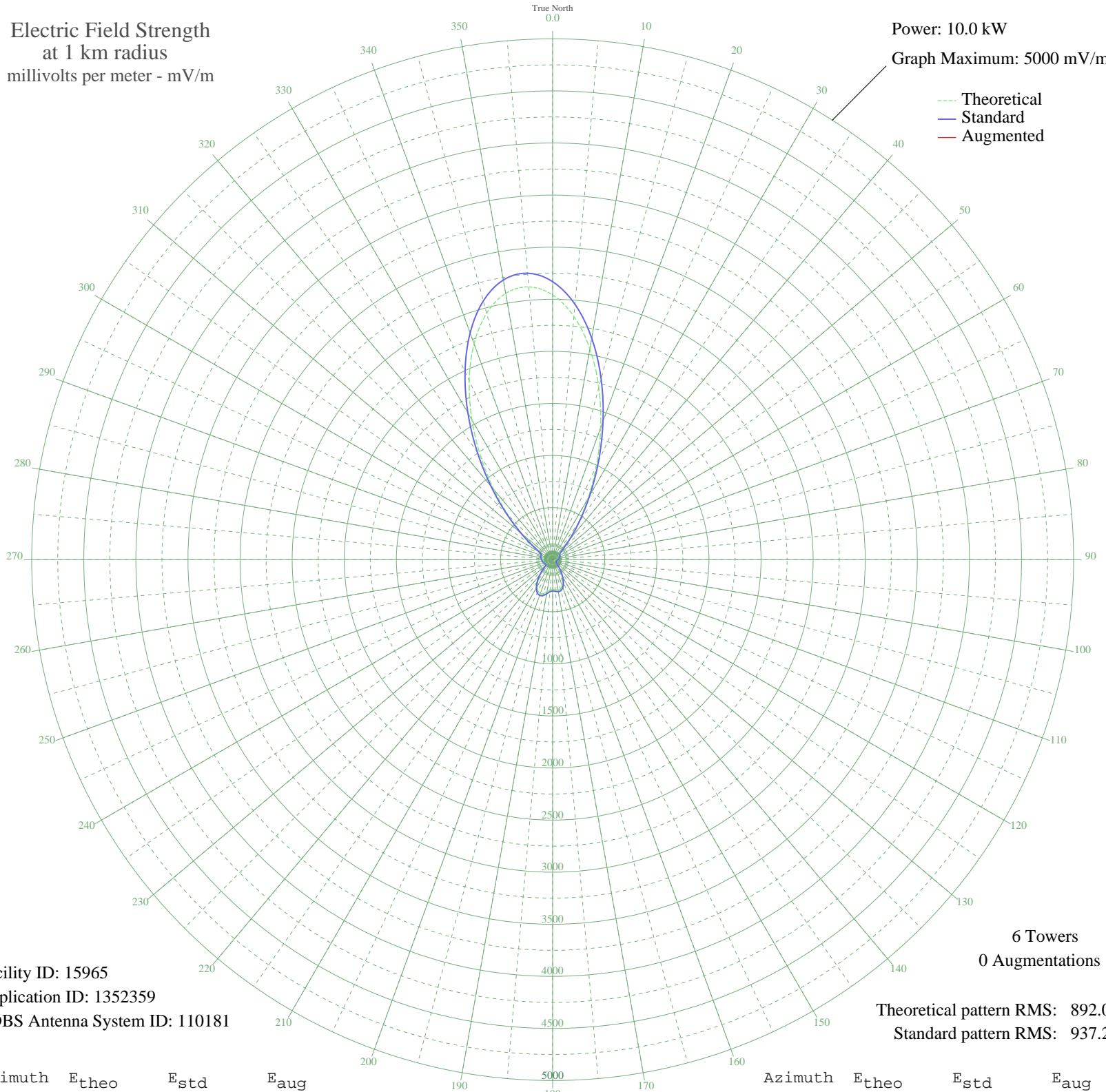


KKAA ABERDEEN, SD BMML-20100104AFE 1560 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 15965
Application ID: 1352359
CDBS Antenna System ID: 110181

6 Towers
0 Augmentations

Theoretical pattern RMS: 892.08
Standard pattern RMS: 937.27

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2541.51	2668.79	
5	2343.25	2460.63	
10	2056.04	2159.10	
15	1711.52	1797.40	
20	1345.48	1413.14	
25	992.12	1042.25	
30	679.25	713.98	
35	425.44	447.94	
40	239.81	253.98	
45	125.16	135.54	
50	79.56	89.90	
55	73.66	84.17	
60	70.47	81.11	
65	63.34	74.34	
70	56.36	67.85	
75	51.62	63.56	
80	47.57	59.98	
85	42.18	55.36	
90	35.19	49.68	
95	27.90	44.28	
100	22.06	40.49	
105	18.47	38.45	
110	16.42	37.41	
115	14.88	36.70	
120	13.59	36.14	
125	14.62	36.58	
130	24.92	42.27	
135	48.37	60.68	
140	84.44	94.68	
145	130.62	141.11	
150	181.75	193.70	
155	230.46	244.25	
160	268.79	284.17	
165	290.76	307.10	
170	295.39	311.93	
175	288.97	305.23	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	284.39	300.45	
185	293.40	309.85	
190	315.39	332.82	
195	337.64	356.07	
200	345.97	364.78	
205	332.21	350.40	
210	295.67	312.23	
215	241.85	256.10	
220	180.14	192.04	
225	121.83	132.16	
230	79.47	89.80	
235	64.24	75.18	
240	69.21	79.90	
245	77.13	87.53	
250	82.34	92.62	
255	85.89	96.10	
260	89.40	99.57	
265	93.25	103.39	
270	97.20	107.32	
275	101.36	111.49	
280	105.74	115.89	
285	108.95	119.12	
290	108.87	119.04	
295	109.72	119.90	
300	137.02	147.66	
305	224.50	238.05	
310	379.80	400.17	
315	599.63	630.48	
320	877.52	922.00	
325	1200.86	1261.34	
330	1549.18	1626.98	
335	1894.83	1989.84	
340	2205.53	2316.04	
345	2448.57	2571.22	
350	2595.84	2725.84	
355	2628.68	2760.31	

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