

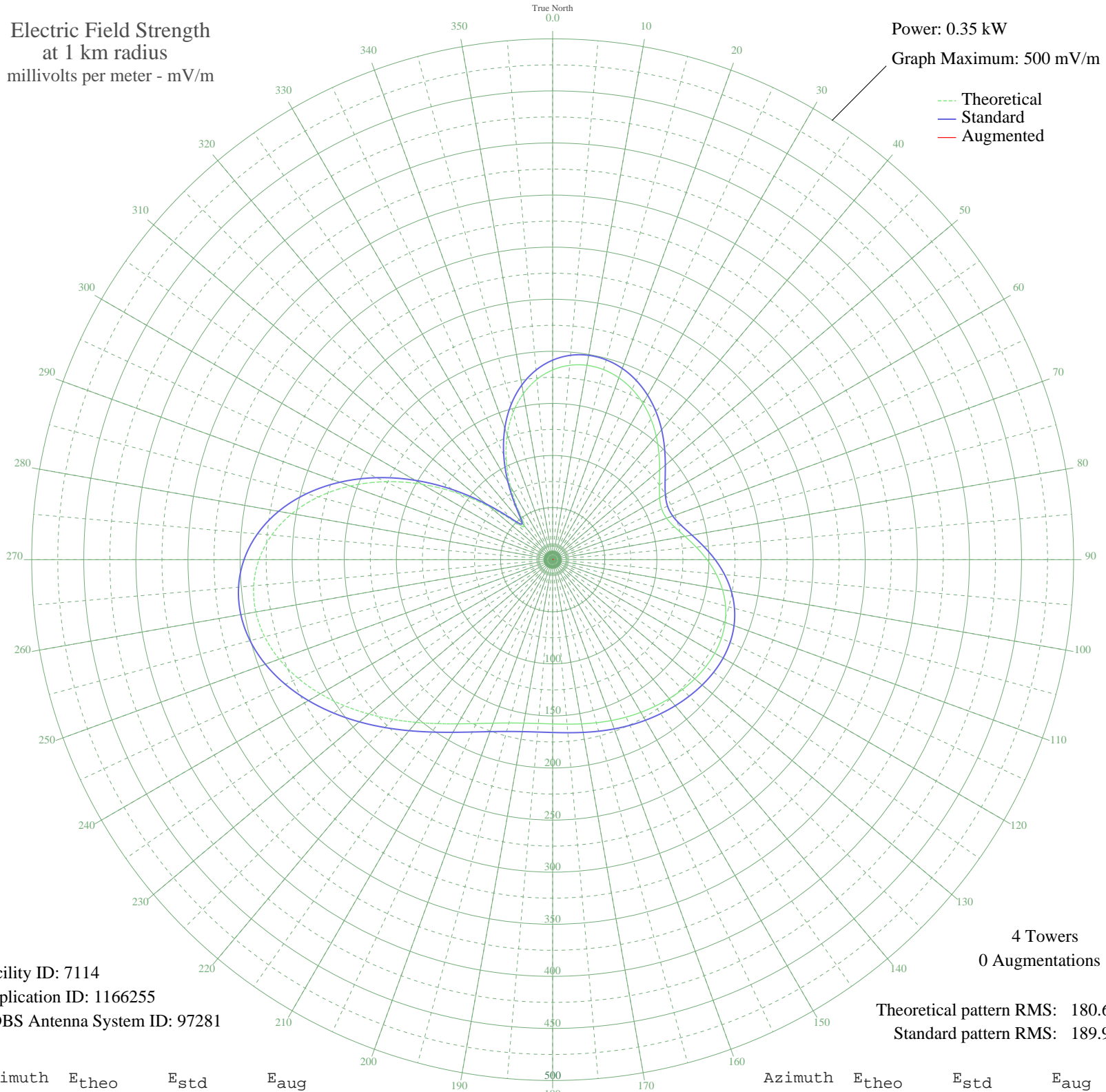
KHOJ ST. CHARLES, MO BP-20050706ACB 1460 kHz

Nighttime

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

Power: 0.35 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 7114
Application ID: 1166255
CDBS Antenna System ID: 97281

4 Towers
0 Augmentations

Theoretical pattern RMS: 180.61
Standard pattern RMS: 189.94

Azimuth	E _{theo}	E _{std}	E _{aug}
0	182.13	191.53	
5	187.30	196.94	
10	189.45	199.20	
15	188.86	198.58	
20	185.79	195.36	
25	180.51	189.82	
30	173.31	182.28	
35	164.55	173.10	
40	154.67	162.74	
45	144.24	151.82	
50	134.06	141.15	
55	125.11	131.78	
60	118.54	124.91	
65	115.42	121.65	
70	116.35	122.62	
75	121.13	127.62	
80	128.87	135.72	
85	138.31	145.60	
90	148.19	155.95	
95	157.50	165.70	
100	165.50	174.09	
105	171.77	180.67	
110	176.15	185.25	
115	178.69	187.92	
120	179.64	188.91	
125	179.31	188.56	
130	178.06	187.25	
135	176.22	185.32	
140	174.03	183.04	
145	171.67	180.56	
150	169.23	178.01	
155	166.77	175.43	
160	164.35	172.89	
165	162.06	170.49	
170	160.04	168.37	
175	158.50	166.76	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	157.69	165.91	
185	157.87	166.10	
190	159.34	167.63	
195	162.32	170.76	
200	167.03	175.69	
205	173.57	182.55	
210	181.98	191.36	
215	192.15	202.03	
220	203.87	214.32	
225	216.80	227.88	
230	230.46	242.21	
235	244.27	256.70	
240	257.54	270.62	
245	269.48	283.15	
250	279.29	293.44	
255	286.14	300.63	
260	289.28	303.93	
265	288.04	302.63	
270	281.93	296.22	
275	270.66	284.39	
280	254.18	267.10	
285	232.72	244.58	
290	206.76	217.36	
295	177.10	186.25	
300	144.76	152.36	
305	111.17	117.20	
310	78.49	83.08	
315	51.38	54.97	
320	42.06	45.40	
325	56.95	60.71	
330	80.98	85.68	
335	105.38	111.15	
340	127.51	134.30	
345	146.44	154.12	
350	161.86	170.27	
355	173.72	182.71	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission