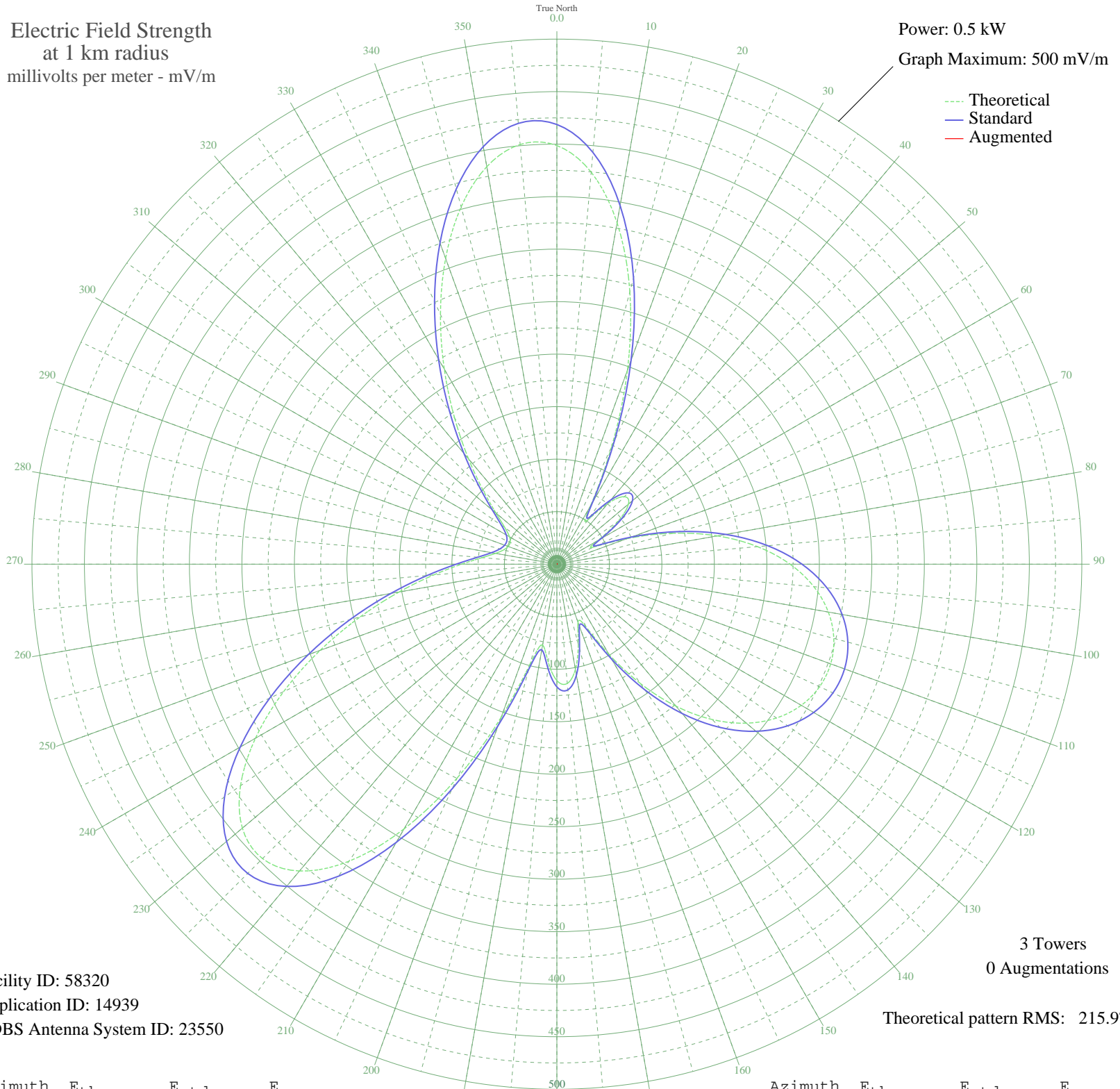


WNTS BEECH GROVE, IN BL-19791113AG 1590 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 58320
Application ID: 14939
CDBS Antenna System ID: 23550

3 Towers
0 Augmentations

Theoretical pattern RMS: 215.97

Azimuth	E _{theo}	E _{std}	E _{aug}
0	398.65	418.71	
5	374.75	393.62	
10	330.15	346.81	
15	268.55	282.17	
20	196.53	206.63	
25	123.41	130.01	
30	63.91	67.92	
35	51.34	54.92	
40	75.34	79.80	
45	90.94	96.07	
50	89.00	94.03	
55	71.13	75.42	
60	45.09	48.49	
65	38.51	41.78	
70	71.15	75.44	
75	113.78	119.93	
80	155.19	163.28	
85	191.80	201.66	
90	222.13	233.47	
95	245.69	258.19	
100	262.57	275.90	
105	273.08	286.92	
110	277.53	291.60	
115	276.12	290.12	
120	268.81	282.44	
125	255.38	268.36	
130	235.56	247.56	
135	209.18	219.88	
140	176.50	185.62	
145	138.76	146.08	
150	99.16	104.64	
155	66.15	70.25	
160	58.77	62.60	
165	78.75	83.35	
170	101.67	107.27	
175	114.02	120.18	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	110.86	116.88	
185	93.76	99.01	
190	78.14	82.71	
195	98.33	103.78	
200	155.26	163.37	
205	224.58	236.04	
210	291.11	305.84	
215	345.37	362.79	
220	381.40	400.61	
225	396.50	416.45	
230	391.03	410.72	
235	367.87	386.41	
240	331.53	348.27	
245	287.21	301.75	
250	239.94	252.16	
255	194.01	203.98	
260	152.60	160.58	
265	117.82	124.16	
270	90.73	95.84	
275	71.48	75.79	
280	59.30	63.14	
285	52.54	56.16	
290	49.42	52.94	
295	49.05	52.56	
300	52.06	55.66	
305	60.32	64.20	
310	75.74	80.22	
315	99.27	104.76	
320	130.87	137.81	
325	169.80	178.59	
330	214.49	225.46	
335	262.39	275.71	
340	309.86	325.52	
345	352.26	370.02	
350	384.38	403.74	
355	401.18	421.37	

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