

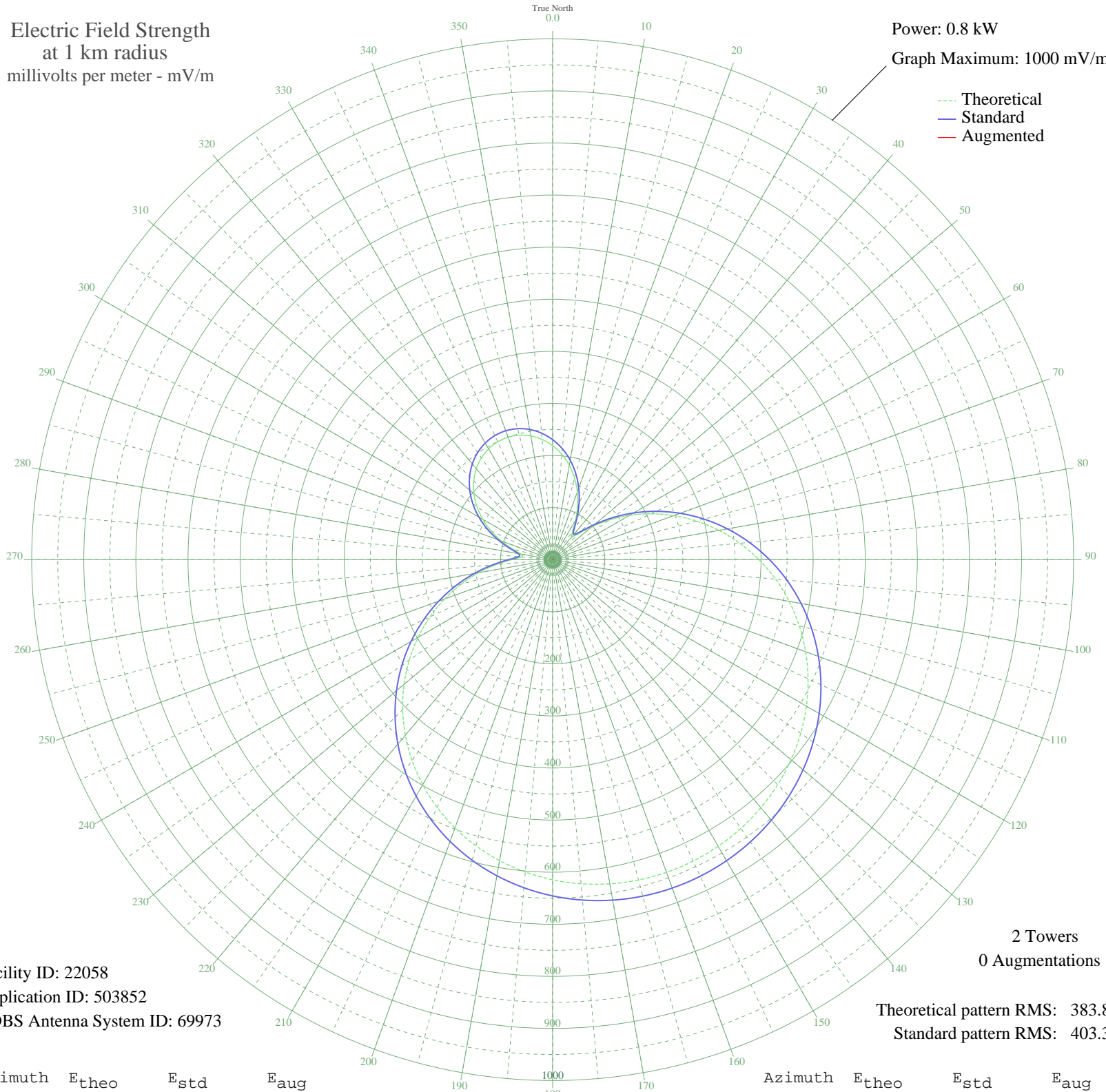
WNJC WASHINGTON TOWNSHIP, NJ BL-19990525DC 1360 kHz

Nighttime

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

Power: 0.8 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 22058
Application ID: 503852
CDBS Antenna System ID: 69973

2 Towers
0 Augmentations

Theoretical pattern RMS: 383.80
Standard pattern RMS: 403.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	218.82	230.39	
5	202.88	213.69	
10	183.97	193.91	
15	162.36	171.31	
20	138.46	146.36	
25	113.04	119.89	
30	87.69	93.62	
35	66.37	71.72	
40	58.23	63.45	
45	71.11	76.56	
50	98.62	104.93	
55	132.77	140.43	
60	169.91	179.21	
65	208.40	219.48	
70	247.32	260.24	
75	286.02	300.80	
80	323.99	340.61	
85	360.81	379.22	
90	396.10	416.25	
95	429.58	451.37	
100	460.97	484.31	
105	490.08	514.87	
110	516.76	542.86	
115	540.88	568.18	
120	562.38	590.75	
125	581.22	610.51	
130	597.37	627.47	
135	610.85	641.62	
140	621.68	652.98	
145	629.87	661.58	
150	635.45	667.44	
155	638.44	670.58	
160	638.86	671.01	
165	636.69	668.74	
170	631.94	663.75	
175	624.59	656.03	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	614.61	645.56	
185	601.98	632.30	
190	586.68	616.25	
195	568.70	597.38	
200	548.05	575.70	
205	524.76	551.26	
210	498.89	524.11	
215	470.54	494.36	
220	439.86	462.16	
225	407.03	427.71	
230	372.28	391.26	
235	335.92	353.12	
240	298.27	313.64	
245	259.76	273.27	
250	220.84	232.50	
255	182.13	191.99	
260	144.43	152.59	
265	109.07	115.77	
270	78.81	84.46	
275	60.12	65.36	
280	61.74	67.01	
285	80.11	85.81	
290	104.80	111.33	
295	130.44	138.00	
300	154.93	163.56	
305	177.33	186.97	
310	197.14	207.69	
315	214.05	225.39	
320	227.88	239.87	
325	238.48	250.97	
330	245.77	258.62	
335	249.70	262.74	
340	250.25	263.30	
345	247.40	260.32	
350	241.18	253.80	
355	231.62	243.80	