

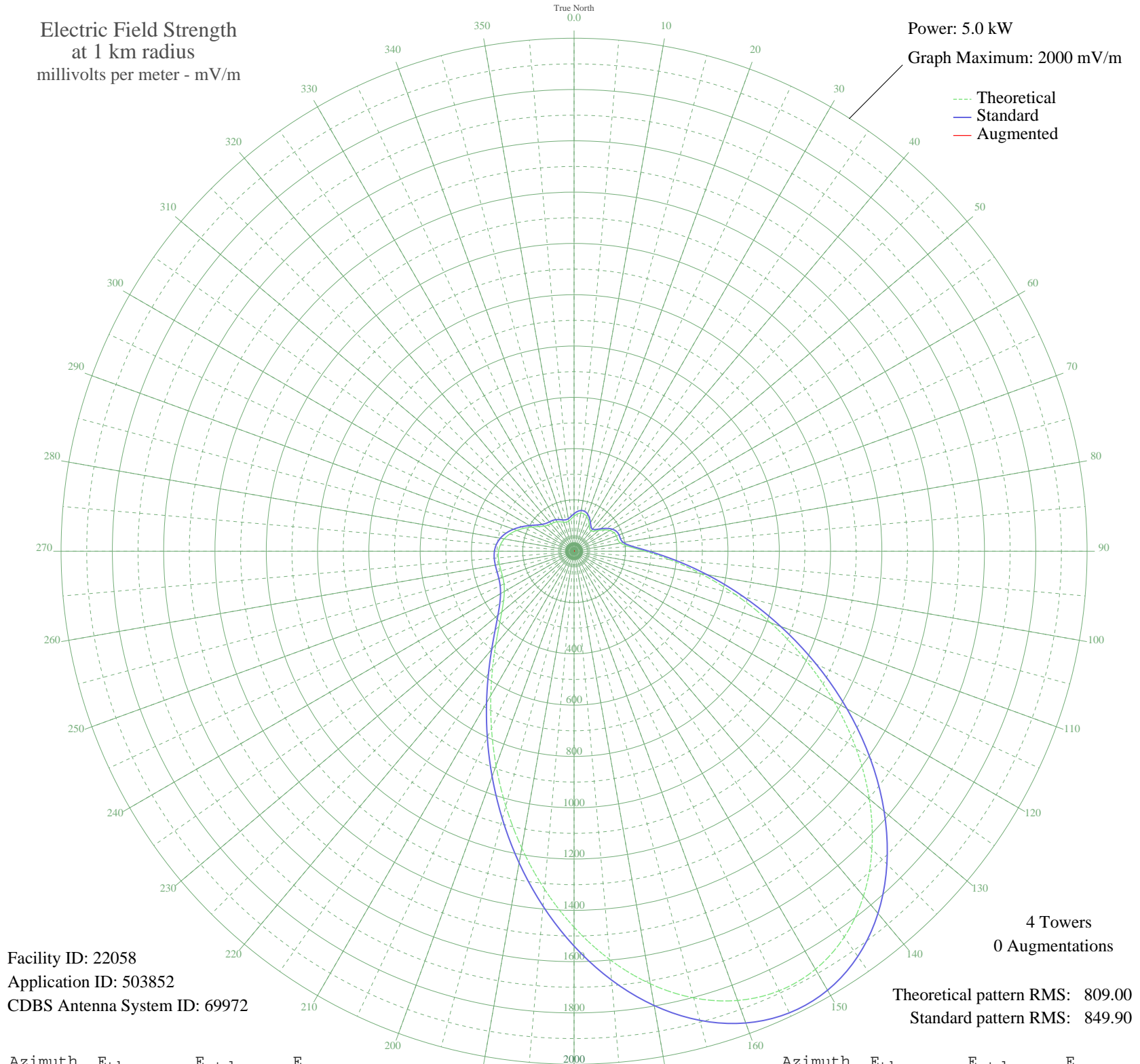
WNJC WASHINGTON TOWNSHIP, NJ BL-19990525DC 1360 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 22058  
Application ID: 503852  
CDBS Antenna System ID: 69972

Theoretical pattern RMS: 809.00  
Standard pattern RMS: 849.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	136.61	146.45	
5	145.71	155.81	
10	150.96	161.24	
15	150.56	160.82	
20	144.04	154.10	
25	132.40	142.12	
30	118.34	127.71	
35	106.56	115.71	
40	102.90	112.01	
45	110.49	119.71	
50	126.51	136.07	
55	145.13	155.21	
60	161.23	171.85	
65	171.60	182.58	
70	175.49	186.62	
75	176.21	187.36	
80	183.59	195.01	
85	213.24	225.84	
90	276.61	291.94	
95	374.13	393.94	
100	500.59	526.44	
105	649.89	683.03	
110	815.77	857.06	
115	991.46	1041.46	
120	1169.68	1228.51	
125	1342.68	1410.13	
130	1502.71	1578.13	
135	1642.41	1724.78	
140	1755.30	1843.30	
145	1836.30	1928.34	
150	1882.00	1976.32	
155	1890.99	1985.76	
160	1863.82	1957.23	
165	1802.98	1893.36	
170	1712.61	1798.48	
175	1598.14	1678.31	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1465.87	1539.44	
185	1322.47	1388.91	
190	1174.60	1233.68	
195	1028.43	1080.25	
200	889.38	934.32	
205	761.90	800.54	
210	649.22	682.32	
215	553.35	581.77	
220	475.00	499.62	
225	413.65	435.34	
230	367.82	387.34	
235	335.39	353.39	
240	314.04	331.06	
245	301.56	318.01	
250	295.80	311.99	
255	294.57	310.70	
260	295.50	311.68	
265	296.18	312.38	
270	294.32	310.45	
275	288.14	303.98	
280	276.52	291.84	
285	259.33	273.90	
290	237.47	251.09	
295	212.90	225.49	
300	188.50	200.11	
305	167.50	178.33	
310	152.46	162.78	
315	143.84	153.88	
320	139.57	149.49	
325	136.50	146.34	
330	132.27	141.98	
335	126.40	135.96	
340	120.45	129.87	
345	117.30	126.65	
350	119.36	128.76	
355	126.66	136.22	

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