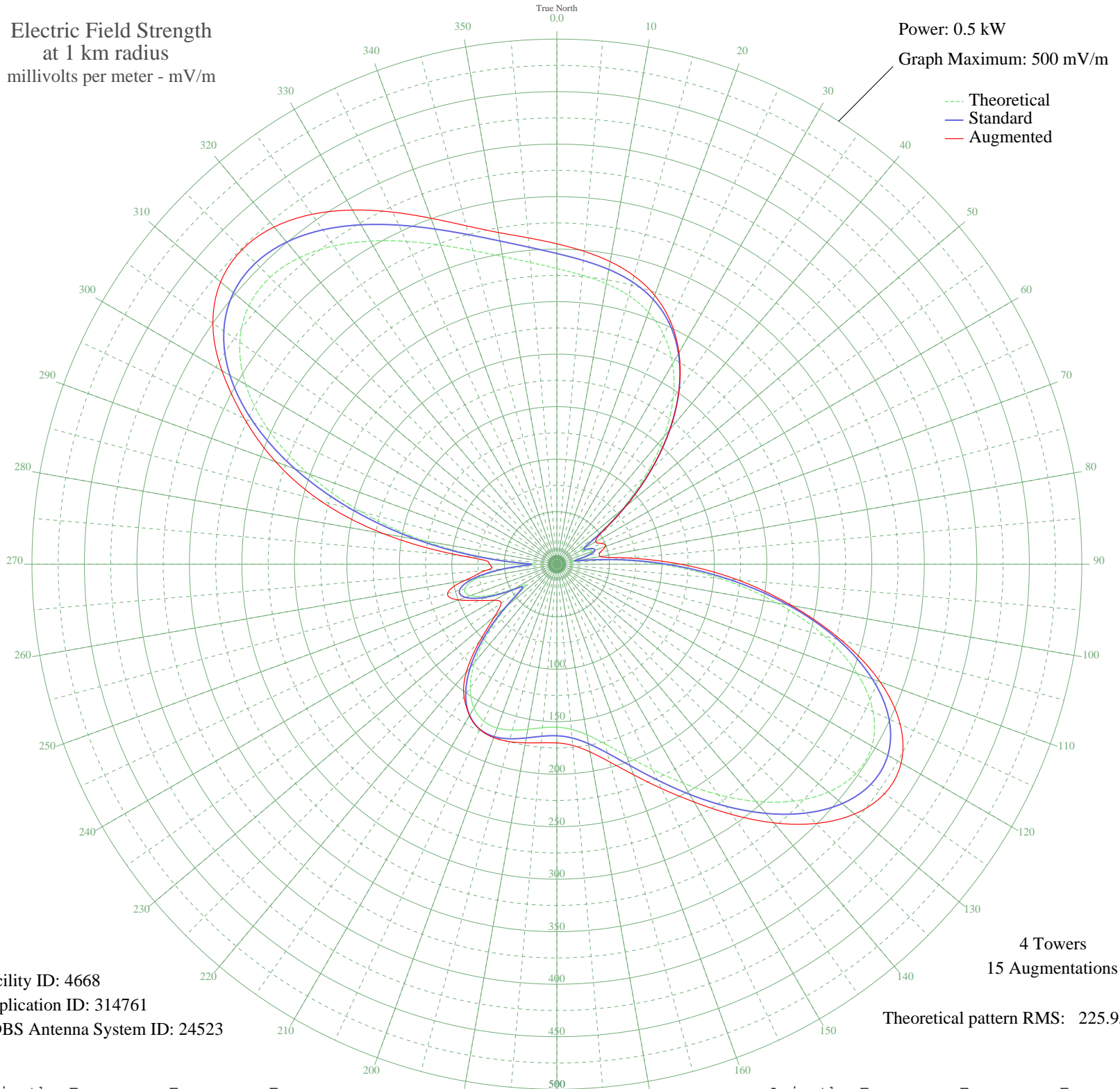


WXVA WINCHESTER, VA BL-- 610 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 4668
Application ID: 314761
CDBS Antenna System ID: 24523

4 Towers
15 Augmentations
Theoretical pattern RMS: 225.95

Azimuth	Etheo	Estd	Eaug
0	281.57	295.84	305.08
5	276.26	290.27	299.02
10	271.20	284.95	292.54
15	264.80	278.24	284.20
20	255.29	268.26	272.39
25	240.95	253.21	255.59
30	220.41	231.66	232.60
35	193.00	202.92	203.01
40	159.10	167.39	167.39
45	120.46	126.92	126.92
50	80.42	85.09	85.09
55	44.74	48.14	51.11
60	26.15	29.40	42.65
65	31.76	34.96	46.77
70	35.49	38.72	49.24
75	25.84	29.10	42.32
80	13.43	17.58	41.84
85	47.71	51.18	67.68
90	98.98	104.46	117.74
95	156.12	164.26	173.38
100	212.86	223.75	227.47
105	263.73	277.11	280.85
110	304.44	319.83	327.65
115	332.35	349.12	360.88
120	346.55	364.03	378.65
125	347.70	365.23	381.04
130	337.66	354.70	370.14
135	319.07	335.19	349.17
140	294.87	309.79	321.58
145	267.95	281.54	291.13
150	240.89	253.15	261.56
155	215.78	226.81	235.75
160	194.18	204.16	213.37
165	177.09	186.24	195.06
170	165.00	173.57	181.54
175	157.89	166.12	173.27

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

Azimuth	Etheo	Estd	Eaug
180	155.31	163.41	170.24
185	156.35	164.51	170.76
190	159.70	168.02	172.75
195	163.63	172.14	174.95
200	166.11	174.73	175.85
205	164.93	173.49	173.63
210	158.04	166.28	166.28
215	143.88	151.44	154.18
220	121.82	128.34	134.22
225	92.75	97.95	104.11
230	60.29	64.17	77.37
235	36.63	39.87	64.85
240	46.01	49.43	68.70
245	70.21	74.47	81.72
250	87.60	92.58	99.61
255	90.89	96.01	107.83
260	77.24	81.78	88.84
265	47.36	50.82	67.59
270	20.56	24.01	64.37
275	65.93	70.02	90.61
280	128.86	135.71	168.35
285	193.11	203.03	233.35
290	252.67	265.51	285.05
295	303.29	318.63	328.60
300	342.31	359.58	368.43
305	368.70	387.28	400.00
310	382.87	402.15	418.11
315	386.30	405.75	423.84
320	381.20	400.40	419.12
325	370.04	388.68	406.71
330	355.28	373.19	389.42
335	339.11	356.22	369.86
340	323.33	339.66	350.55
345	309.20	324.83	333.63
350	297.48	312.53	320.69
355	288.38	302.98	311.94