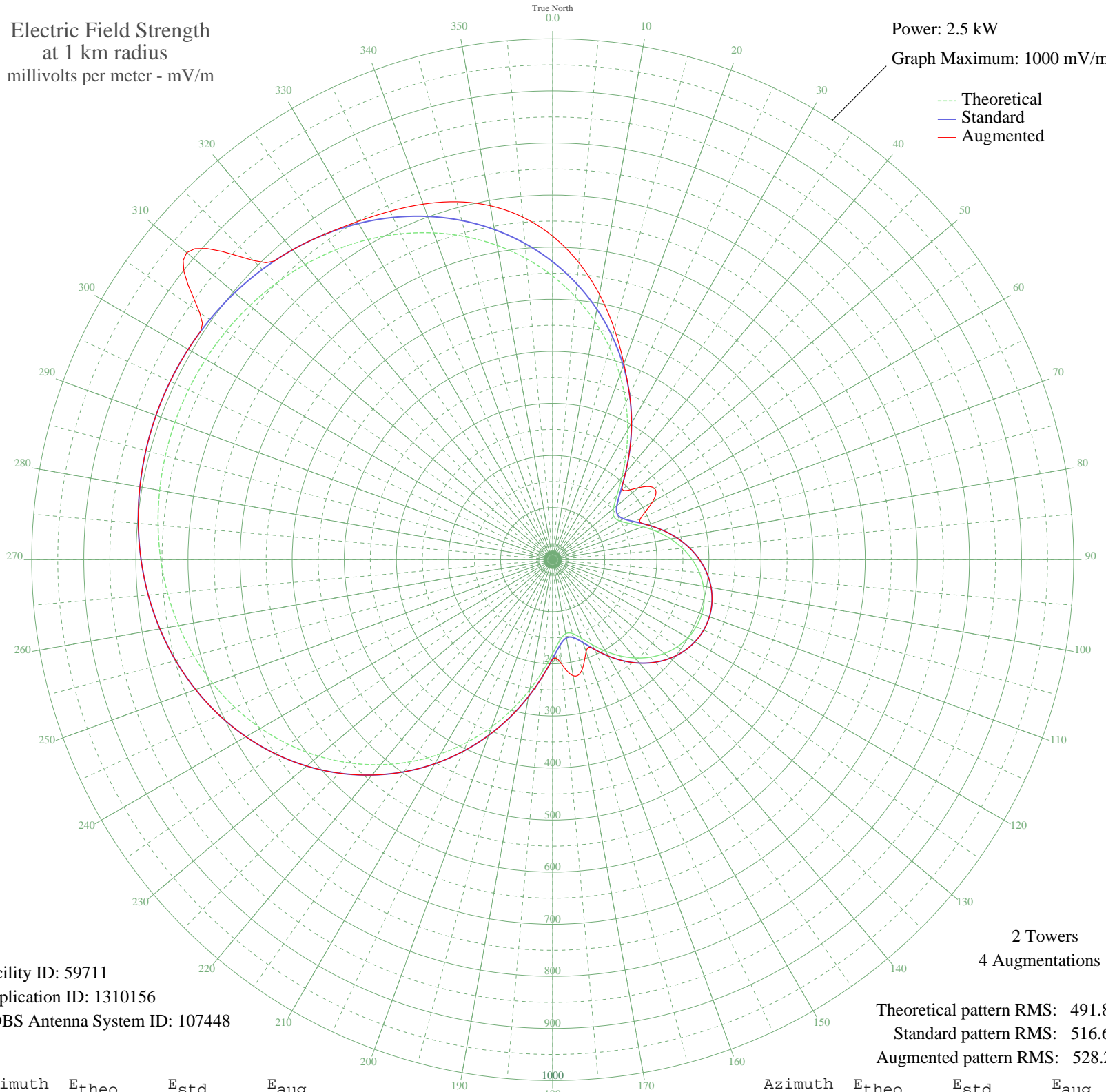


WCTN POTOMAC-CABIN JOHN, MD BL-20081120AHC 950 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 59711
Application ID: 1310156
CDBS Antenna System ID: 107448

Theoretical pattern RMS: 491.80
Standard pattern RMS: 516.60
Augmented pattern RMS: 528.20

Azimuth	Etheo	Estd	Eaug
0	544.48	571.95	621.13
5	505.94	531.50	572.82
10	464.88	488.40	517.28
15	421.79	443.19	458.03
20	377.35	396.56	400.08
25	332.36	349.37	349.37
30	287.90	302.75	302.75
35	245.35	258.15	258.15
40	206.64	217.60	217.60
45	174.48	183.95	189.59
50	152.42	160.90	214.67
55	143.70	151.79	238.58
60	148.66	156.97	221.10
65	163.87	172.87	185.72
70	184.69	194.63	194.63
75	207.43	218.43	218.43
80	229.76	241.82	241.82
85	250.26	263.29	263.29
90	268.07	281.96	281.96
95	282.67	297.26	297.26
100	293.73	308.86	308.86
105	301.07	316.56	316.56
110	304.57	320.22	320.22
115	304.18	319.82	319.82
120	299.91	315.34	315.34
125	291.81	306.85	306.85
130	280.02	294.49	294.49
135	264.75	278.48	278.48
140	246.35	259.20	259.20
145	225.40	237.26	237.26
150	202.86	213.65	213.65
155	180.27	190.01	190.01
160	160.24	169.07	187.91
165	146.70	154.92	218.45
170	144.30	152.42	226.24
175	155.84	164.48	201.56

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	180.22	189.96	191.16
185	213.96	225.27	225.27
190	253.62	266.82	266.82
195	296.69	311.96	311.96
200	341.35	358.81	358.81
205	386.31	405.96	405.96
210	430.54	452.37	452.37
215	473.27	497.21	497.21
220	513.87	539.81	539.81
225	551.86	579.69	579.69
230	586.89	616.46	616.46
235	618.74	649.88	649.88
240	647.27	679.84	679.84
245	672.48	706.30	706.30
250	694.40	729.31	729.31
255	713.16	749.01	749.01
260	728.94	765.56	765.56
265	741.91	779.18	779.18
270	752.29	790.08	790.08
275	760.28	798.47	798.47
280	766.06	804.53	804.53
285	769.76	808.42	808.42
290	771.49	810.24	810.24
295	771.30	810.04	810.04
300	769.18	807.81	807.81
305	765.07	803.50	827.25
310	758.87	796.98	917.00
315	750.41	788.11	812.31
320	739.53	776.68	776.68
325	726.01	762.49	762.61
330	709.66	745.32	749.47
335	690.27	724.98	738.13
340	667.70	701.28	726.38
345	641.83	674.13	711.30
350	612.63	643.47	690.02
355	580.13	609.36	660.32