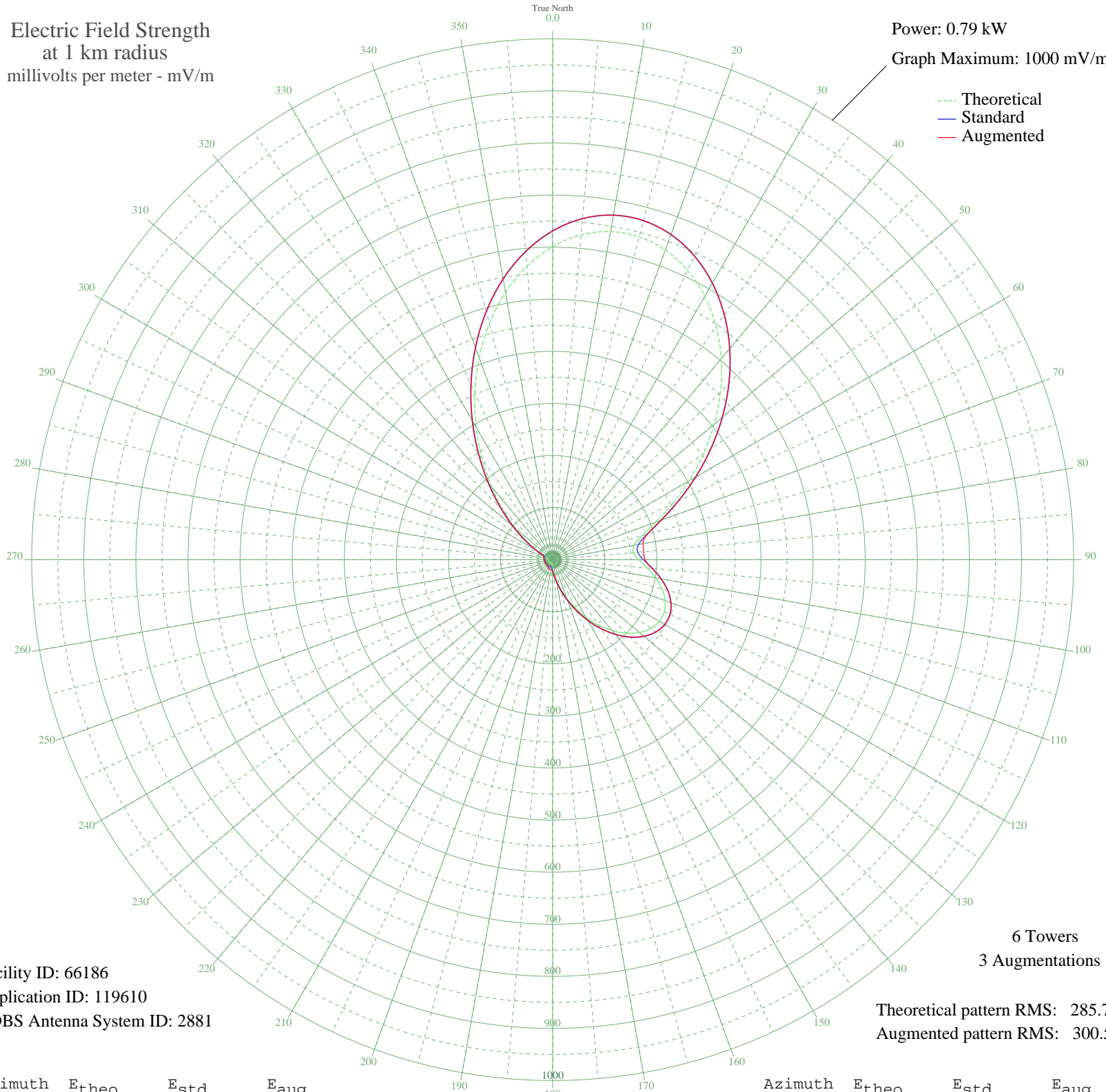


WOSU COLUMBUS, OH BL-19881021AA 820 kHz

Nighttime

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

Power: 0.79 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 66186
Application ID: 119610
CDBS Antenna System ID: 2881

6 Towers
3 Augmentations

Theoretical pattern RMS: 285.77
Augmented pattern RMS: 300.50

Azimuth	Etheo	Estd	Eaug
0	600.97	631.14	631.14
5	625.91	657.32	657.32
10	639.55	671.64	671.64
15	641.64	673.84	673.84
20	632.47	664.21	664.21
25	612.79	643.55	643.55
30	583.76	613.08	613.08
35	546.80	574.27	574.27
40	503.49	528.81	528.81
45	455.53	478.46	478.46
50	404.64	425.05	425.05
55	352.62	370.46	370.46
60	301.39	316.70	316.70
65	253.16	266.11	266.11
70	210.80	221.68	221.68
75	178.02	187.33	187.93
80	158.95	167.36	176.14
85	155.62	163.87	175.43
90	165.34	174.04	177.27
95	182.26	191.76	191.76
100	200.91	211.32	211.32
105	217.54	228.75	228.75
110	229.80	241.61	241.61
115	236.33	248.46	248.46
120	236.47	248.60	248.60
125	230.11	241.93	241.93
130	217.62	228.83	228.83
135	199.82	210.18	210.18
140	177.87	187.17	187.17
145	153.19	161.32	161.32
150	127.31	134.24	134.24
155	101.78	107.58	107.58
160	78.00	82.82	82.82
165	57.07	61.18	61.18
170	39.73	43.50	43.50
175	26.28	30.22	30.55

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	16.59	21.34	22.96
185	10.19	16.32	20.06
190	6.55	14.11	19.68
195	5.40	13.57	19.80
200	6.05	13.86	19.50
205	7.18	14.45	18.57
210	7.96	14.89	17.13
215	8.05	14.94	15.59
220	7.48	14.61	14.61
225	6.61	14.14	14.14
230	6.15	13.91	13.91
235	6.57	14.12	14.12
240	7.54	14.65	14.65
245	8.36	15.13	15.13
250	8.59	15.27	15.27
255	8.23	15.05	15.05
260	7.82	14.80	14.80
265	8.20	15.03	15.03
270	9.58	15.90	15.90
275	11.04	16.92	16.92
280	11.35	17.14	17.22
285	9.72	16.00	18.07
290	8.49	15.21	18.34
295	16.58	21.33	22.18
300	34.32	38.09	38.09
305	60.01	64.21	64.21
310	93.47	98.91	98.91
315	134.43	141.69	141.69
320	182.24	191.75	191.75
325	235.76	247.85	247.85
330	293.36	308.28	308.28
335	353.04	370.90	370.90
340	412.50	433.30	433.30
345	469.31	492.93	492.93
350	521.06	547.26	547.26
355	565.57	593.97	593.97