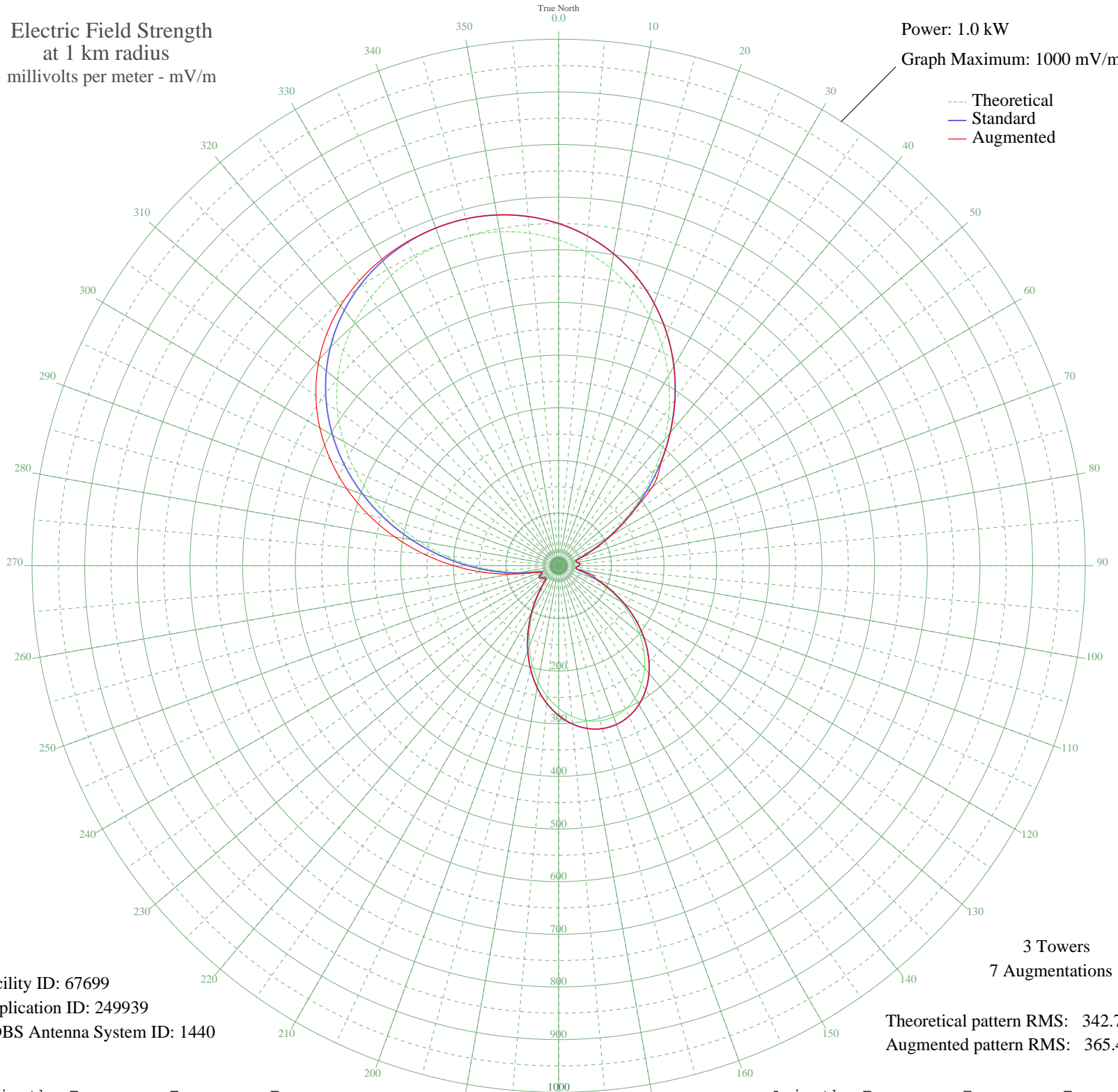


# WFOB FOSTORIA, OH BL-19970718AB 1430 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 67699  
Application ID: 249939  
CDBS Antenna System ID: 1440

3 Towers  
7 Augmentations

Theoretical pattern RMS: 342.79  
Augmented pattern RMS: 365.43

Azimuth	Etheo	Estd	Eaug
0	618.90	649.98	649.98
5	598.55	628.63	628.63
10	572.82	601.61	601.61
15	541.59	568.83	568.83
20	504.91	530.33	530.36
25	463.04	486.37	486.53
30	416.47	437.50	437.90
35	366.06	384.59	385.32
40	312.94	328.86	329.99
45	258.59	271.85	274.65
50	204.75	215.41	231.48
55	153.40	161.63	164.17
60	106.70	112.84	115.79
65	67.21	71.83	75.04
70	38.87	42.96	45.92
75	28.58	32.87	34.30
80	32.58	36.74	36.85
85	36.15	40.26	40.26
90	34.41	38.54	38.54
95	29.53	33.78	33.78
100	30.92	35.12	35.12
105	46.90	51.04	65.33
110	72.89	77.70	77.97
115	103.71	109.71	109.71
120	136.47	143.92	143.92
125	169.24	178.20	178.20
130	200.47	210.92	210.92
135	228.99	240.81	240.81
140	253.83	266.86	266.86
145	274.32	288.34	288.34
150	289.92	304.71	304.71
155	300.31	315.61	315.61
160	305.27	320.82	320.82
165	304.72	320.24	320.24
170	298.66	313.88	313.88
175	287.21	301.87	301.87

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	Etheo	Estd	Eaug
180	270.60	284.44	284.44
185	249.20	262.00	262.00
190	223.55	235.11	235.11
195	194.41	204.57	204.57
200	162.76	171.42	171.42
205	129.87	137.02	137.02
210	97.31	103.05	103.05
215	67.18	71.81	71.81
220	42.68	46.77	46.77
225	29.52	33.77	35.13
230	30.43	34.65	37.39
235	35.17	39.28	41.57
240	35.83	39.94	43.26
245	31.46	35.65	37.67
250	29.01	33.28	36.52
255	43.34	47.44	50.88
260	74.38	79.24	92.04
265	115.56	122.07	143.00
270	163.37	172.06	198.94
275	215.38	226.55	257.41
280	269.47	283.27	316.35
285	323.71	340.16	373.89
290	376.40	395.45	428.43
295	426.13	447.63	478.64
300	471.81	495.58	523.59
305	512.68	538.48	562.69
310	548.28	575.85	595.75
315	578.40	607.47	622.83
320	603.05	633.34	644.24
325	622.33	653.59	660.46
330	636.44	668.40	671.96
335	645.56	677.97	679.22
340	649.84	682.47	682.57
345	649.37	681.97	681.97
350	644.13	676.47	676.47
355	634.02	665.86	665.86