

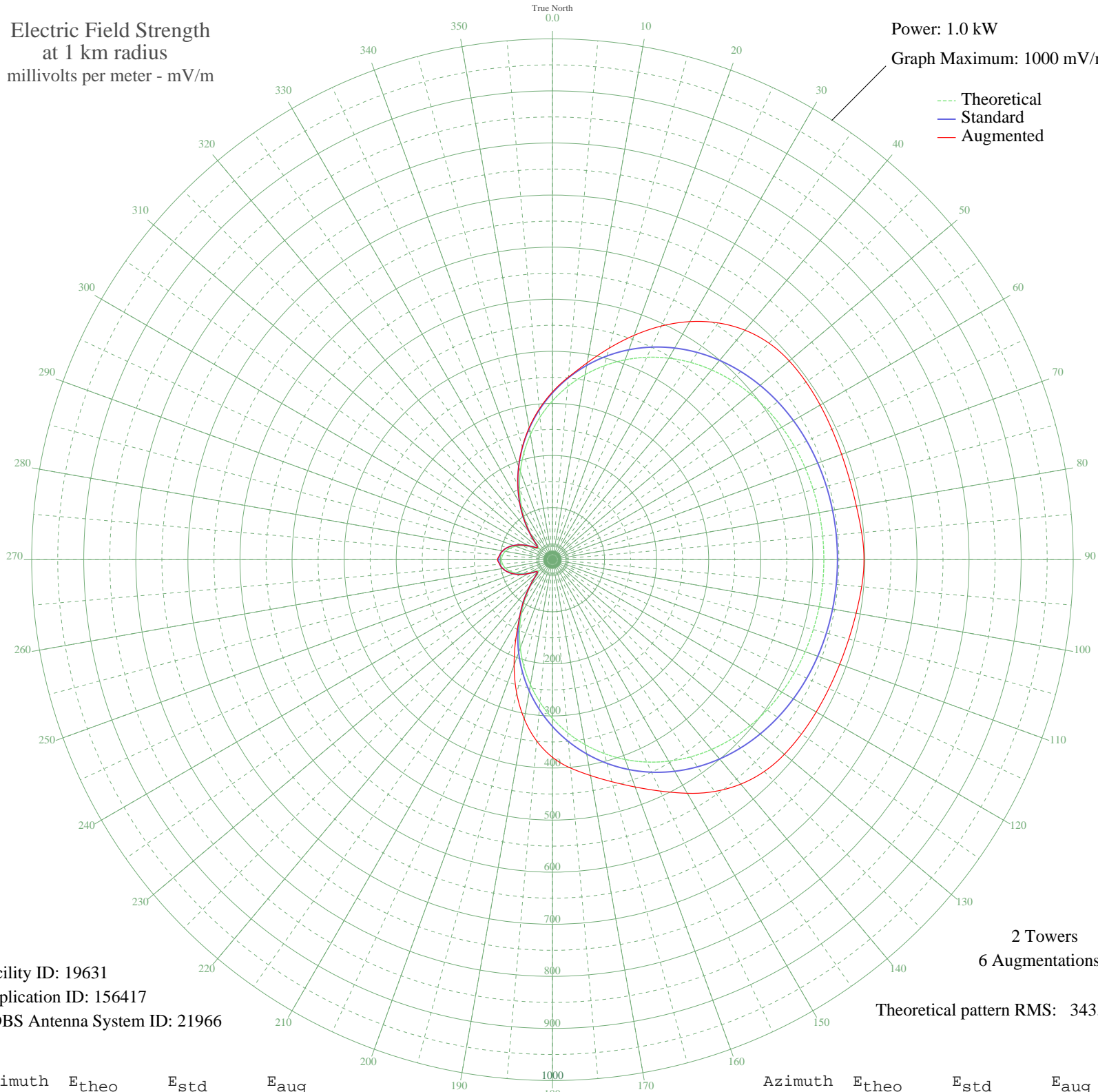
WXBR BROCKTON, MA BL-19910123AD 1460 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 19631  
Application ID: 156417  
CDBS Antenna System ID: 21966

2 Towers  
6 Augmentations

Theoretical pattern RMS: 343.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	304.80	320.21	322.00
5	333.52	350.35	351.80
10	360.52	378.69	383.79
15	385.51	404.92	420.26
20	408.28	428.82	458.26
25	428.70	450.25	494.96
30	446.70	469.15	527.76
35	462.30	485.53	554.86
40	475.58	499.47	575.12
45	486.67	511.11	588.00
50	495.75	520.64	593.60
55	503.02	528.28	594.50
60	508.72	534.26	593.62
65	513.07	538.83	592.09
70	516.29	542.20	590.93
75	518.57	544.60	590.96
80	520.07	546.18	592.66
85	520.93	547.07	596.09
90	521.20	547.36	598.21
95	520.93	547.07	596.09
100	520.07	546.18	592.18
105	518.57	544.60	589.11
110	516.29	542.20	587.03
115	513.07	538.83	585.77
120	508.72	534.26	584.90
125	503.02	528.28	583.72
130	495.75	520.64	581.42
135	486.67	511.11	575.21
140	475.58	499.47	562.54
145	462.30	485.53	543.30
150	446.70	469.15	517.92
155	428.70	450.25	490.22
160	408.28	428.82	464.47
165	385.51	404.92	441.43
170	360.52	378.69	420.84
175	333.52	350.35	401.72

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	304.80	320.21	379.40
185	274.71	288.63	349.20
190	243.64	256.04	310.83
195	212.06	222.91	265.31
200	180.43	189.74	215.30
205	149.29	157.10	165.69
210	119.19	125.59	125.59
215	90.85	95.97	95.97
220	65.30	69.37	69.37
225	44.72	48.11	48.11
230	34.13	37.34	37.34
235	37.89	41.14	41.14
240	49.79	53.32	53.32
245	63.04	67.02	67.02
250	75.02	79.46	79.46
255	84.78	89.64	89.64
260	91.93	97.09	97.09
265	96.27	101.63	101.63
270	97.73	103.15	105.60
275	96.27	101.63	101.63
280	91.93	97.09	97.09
285	84.78	89.64	89.64
290	75.02	79.46	79.46
295	63.04	67.02	67.02
300	49.79	53.32	53.32
305	37.89	41.14	41.14
310	34.13	37.34	37.34
315	44.72	48.11	48.11
320	65.30	69.37	69.37
325	90.85	95.97	95.97
330	119.20	125.59	125.59
335	149.29	157.10	157.10
340	180.43	189.74	189.84
345	212.06	222.91	223.55
350	243.64	256.04	257.35
355	274.71	288.63	290.38