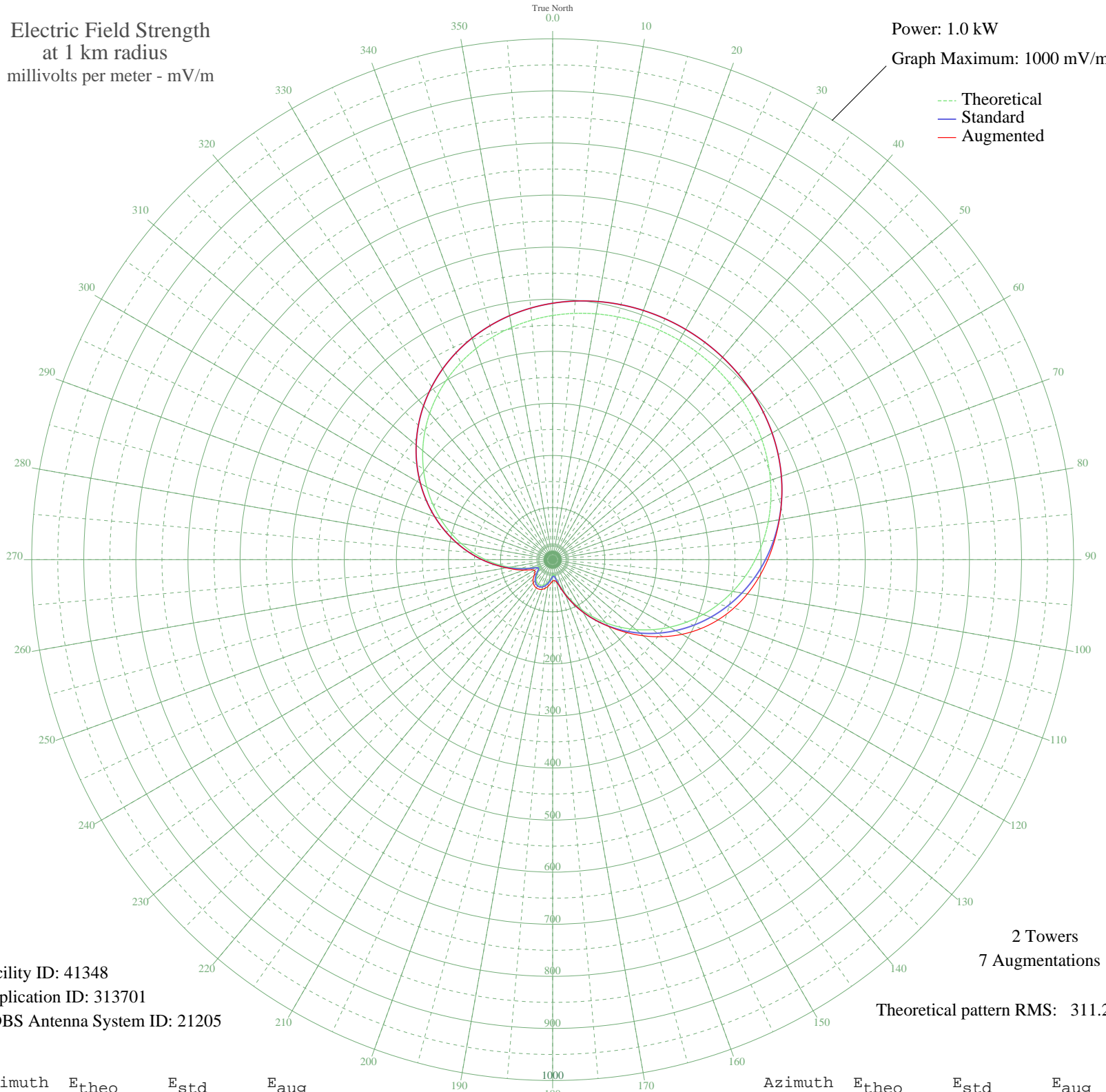


# WMSX BROCKTON, MA BL-- 1410 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 41348  
Application ID: 313701  
CDBS Antenna System ID: 21205

2 Towers  
7 Augmentations  
Theoretical pattern RMS: 311.21

Azimuth	Etheo	Estd	Eaug
0	468.77	492.32	492.32
5	474.61	498.46	498.46
10	479.18	503.25	503.25
15	482.56	506.79	506.79
20	484.80	509.15	509.15
25	485.96	510.37	510.37
30	486.07	510.48	510.48
35	485.12	509.48	509.48
40	483.09	507.36	507.36
45	479.95	504.06	504.06
50	475.63	499.52	499.52
55	470.05	493.66	493.66
60	463.13	486.40	486.40
65	454.77	477.63	477.63
70	444.90	467.27	467.27
75	433.44	455.23	455.23
80	420.32	441.46	441.84
85	405.52	425.92	427.81
90	389.03	408.61	412.98
95	370.88	389.57	397.00
100	351.16	368.86	379.45
105	329.96	346.62	359.88
110	307.46	323.01	337.96
115	283.85	298.22	313.53
120	259.35	272.52	286.68
125	234.22	246.16	257.77
130	208.77	219.46	227.49
135	183.29	192.74	196.88
140	158.11	166.35	167.35
145	133.57	140.64	140.64
150	110.01	115.99	115.99
155	87.84	92.83	92.83
160	67.55	71.70	71.70
165	49.86	53.40	54.11
170	36.16	39.40	43.76
175	28.86	32.07	40.41

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	Etheo	Estd	Eaug
180	29.46	32.67	41.24
185	35.01	38.23	45.97
190	41.71	45.03	51.92
195	47.59	51.06	57.18
200	51.85	55.45	60.72
205	54.16	57.83	62.48
210	54.37	58.05	62.64
215	52.48	56.09	61.21
220	48.59	52.08	58.03
225	42.98	46.34	52.93
230	36.35	39.58	46.06
235	30.32	33.52	41.50
240	28.38	31.59	40.40
245	34.10	37.31	46.36
250	46.74	50.19	58.50
255	63.77	67.78	73.47
260	83.61	88.42	90.08
265	105.45	111.22	111.22
270	128.76	135.61	135.61
275	153.14	161.14	161.14
280	178.22	187.43	187.43
285	203.67	214.11	214.11
290	229.15	240.84	240.84
295	254.36	267.29	267.29
300	279.01	293.15	293.15
305	302.82	318.14	318.14
310	325.56	342.00	342.00
315	347.03	364.53	364.53
320	367.06	385.56	385.56
325	385.53	404.94	404.94
330	402.35	422.60	422.60
335	417.49	438.49	438.49
340	430.95	452.62	452.62
345	442.74	464.99	464.99
350	452.92	475.69	475.69
355	461.57	484.77	484.77