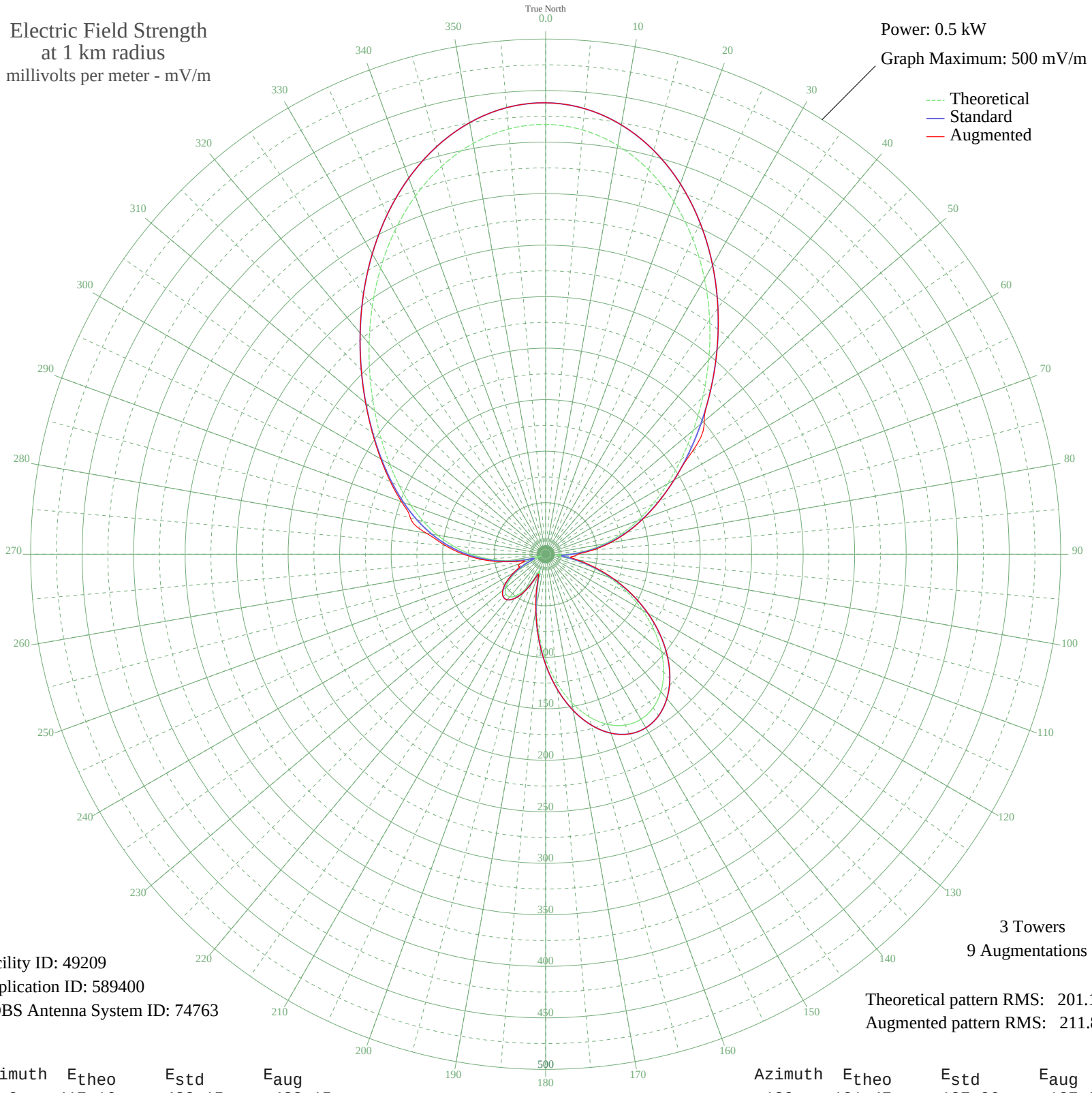
WDOE DUNKIRK, NY BML-20011128ADE 1410 kHz

Nighttime



Facility ID: 49209
Application ID: 589400
CDBS Antenna System ID: 74763

3 Towers
9 Augmentations

Theoretical pattern RMS: 201.17
Augmented pattern RMS: 211.89

Azimuth	E_{theo}	E_{std}	E_{aug}
0	417.16	438.15	438.15
5	413.33	434.13	434.13
10	402.85	423.12	423.12
15	386.17	405.62	405.62
20	364.13	382.49	382.49
25	337.82	354.86	354.86
30	308.51	324.10	324.10
35	277.55	291.61	291.61
40	246.26	258.78	258.78
45	215.79	226.83	226.83
50	187.05	196.69	200.92
55	160.60	168.96	173.88
60	136.62	143.84	143.91
65	114.94	121.14	121.36
70	95.07	100.38	100.86
75	76.39	80.89	81.78
80	58.23	62.04	63.54
85	40.14	43.43	45.92
90	22.26	25.62	31.56
95	10.62	15.32	25.76
100	23.73	27.04	30.96
105	44.06	47.44	49.46
110	65.57	69.65	70.74
115	87.28	92.24	92.81
120	108.49	114.40	114.67
125	128.53	135.36	135.46
130	146.64	154.33	154.34
135	162.06	170.49	170.49
140	174.04	183.05	183.05
145	181.88	191.26	191.26
150	184.99	194.52	194.52
155	182.99	192.42	192.42
160	175.72	184.80	184.80
165	163.33	171.82	171.82
170	146.27	153.94	153.94
175	125.30	131.98	131.98

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	101.47	107.06	107.06
185	76.12	80.61	80.61
190	50.87	54.43	54.92
195	28.27	31.48	33.05
200	16.75	20.48	20.48
205	25.99	29.24	29.24
210	39.06	42.34	42.34
215	48.86	52.37	52.37
220	54.09	57.76	57.76
225	54.54	58.23	58.39
230	50.43	53.98	54.50
235	42.24	45.58	46.36
240	30.65	33.86	35.84
245	16.57	20.32	27.93
250	4.74	11.62	25.30
255	18.66	22.23	26.18
260	36.51	39.75	42.19
265	54.61	58.29	61.15
270	72.42	76.76	79.94
275	89.72	94.79	98.04
280	106.50	112.31	117.67
285	122.94	129.52	135.97
290	139.45	146.80	148.99
295	156.56	164.72	166.31
300	174.84	183.88	184.89
305	194.82	204.83	205.35
310	216.82	227.90	228.09
315	240.87	253.13	253.16
320	266.66	280.19	280.19
325	293.51	308.37	308.37
330	320.47	336.66	336.66
335	346.37	363.84	363.84
340	369.91	388.55	388.55
345	389.82	409.45	409.45
350	404.92	425.30	425.30
355	414.26	435.10	435.10