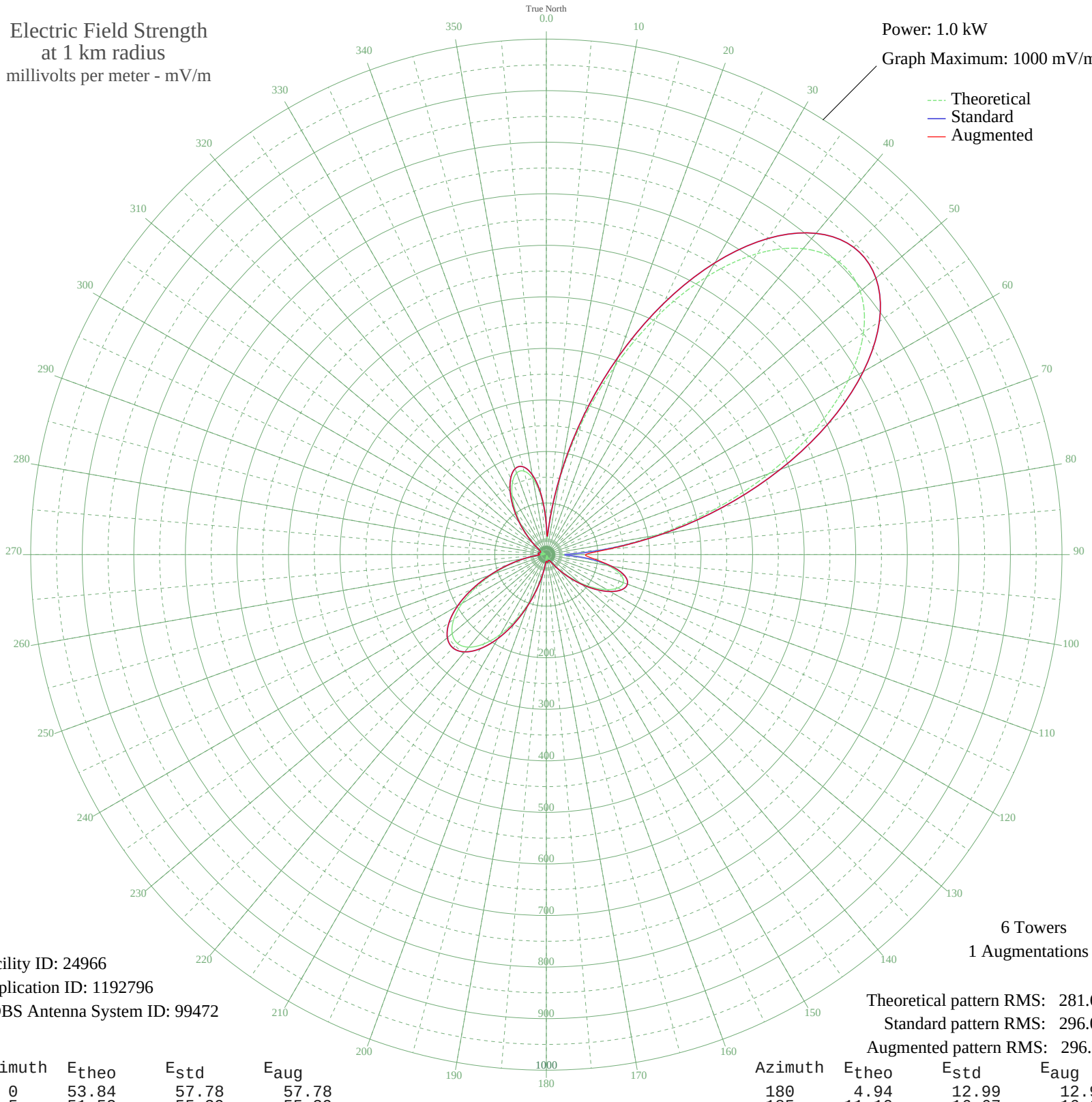
WDRJ INKSTER, MI BML-20070622AFA 1440 kHz

Nighttime



Facility ID: 24966
Application ID: 1192796
CDBS Antenna System ID: 99472

6 Towers
1 Augmentations

Theoretical pattern RMS: 281.64
Standard pattern RMS: 296.00
Augmented pattern RMS: 296.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	53.84	57.78	57.78
5	51.52	55.39	55.39
10	148.16	156.02	156.02
15	264.69	278.18	278.18
20	388.90	408.52	408.52
25	511.34	537.04	537.04
30	622.35	653.57	653.57
35	712.72	748.45	748.45
40	774.68	813.51	813.51
45	802.80	843.03	843.03
50	794.60	834.42	834.42
55	750.89	788.53	788.53
60	675.66	709.54	709.54
65	575.56	604.45	604.45
70	459.16	482.26	482.26
75	335.95	352.95	352.95
80	215.43	226.52	226.52
85	106.84	112.81	121.01
90	31.78	35.43	75.99
95	72.27	76.81	92.36
100	120.57	127.16	127.27
105	149.17	157.08	157.08
110	158.89	167.26	167.26
115	153.03	161.12	161.12
120	135.75	143.04	143.04
125	111.47	117.65	117.65
130	84.34	89.36	89.36
135	57.97	62.02	62.02
140	35.15	38.78	38.78
145	17.78	22.14	22.14
150	6.76	13.86	13.86
155	2.07	12.11	12.11
160	2.10	12.11	12.11
165	4.88	12.97	12.97
170	8.10	14.63	14.63
175	8.75	15.04	15.04

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	4.94	12.99	12.99
185	11.10	16.67	16.67
190	32.44	36.08	36.08
195	62.73	66.94	66.94
200	99.68	105.34	105.34
205	139.80	147.27	147.27
210	178.68	187.99	187.99
215	211.58	222.48	222.48
220	234.24	246.24	246.24
225	243.60	256.06	256.06
230	238.37	250.57	250.57
235	219.23	230.50	230.50
240	188.76	198.55	198.55
245	150.92	158.91	158.91
250	110.41	116.54	116.54
255	71.86	76.39	76.39
260	39.11	42.76	42.76
265	14.90	19.66	19.66
270	4.70	12.89	12.89
275	9.55	15.57	15.57
280	9.94	15.84	15.84
285	6.79	13.88	13.88
290	3.09	12.34	12.34
295	1.80	12.06	12.06
300	4.45	12.79	12.79
305	13.23	18.30	18.30
310	28.71	32.41	32.41
315	50.36	54.20	54.20
320	76.70	81.41	81.41
325	105.28	111.18	111.18
330	132.82	139.97	139.97
335	155.35	163.55	163.55
340	168.48	177.31	177.31
345	167.81	176.61	176.61
350	149.44	157.36	157.36
355	110.79	116.93	116.93