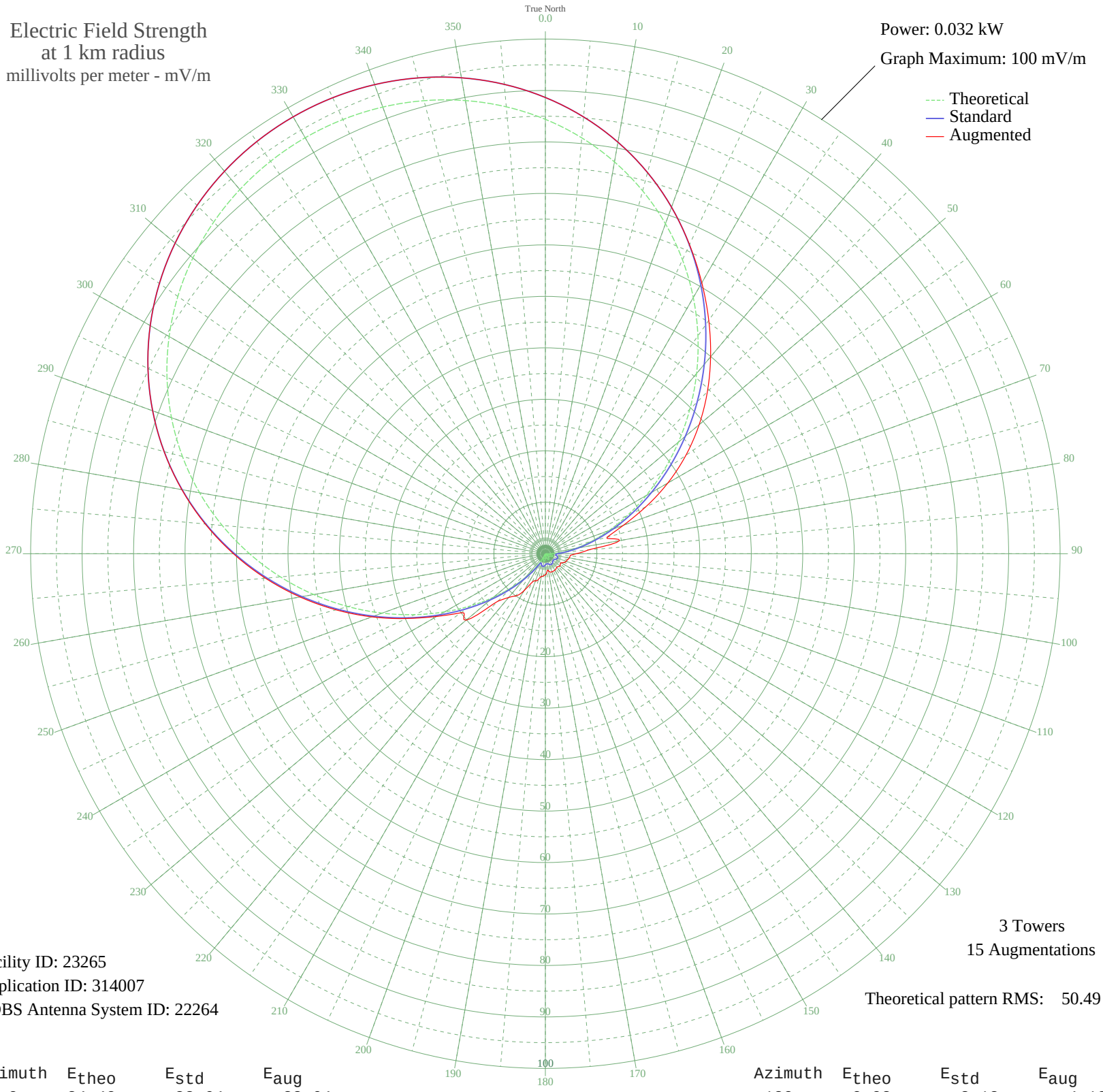
WJBM JERSEYVILLE, IL BL-- 1480 kHz

Nighttime



Facility ID: 23265
Application ID: 314007
CDBS Antenna System ID: 22264

3 Towers
15 Augmentations

Theoretical pattern RMS: 50.49

Azimuth	E_{theo}	E_{std}	E_{aug}
0	84.40	88.64	88.64
5	81.11	85.19	85.19
10	77.30	81.19	81.19
15	72.99	76.67	76.67
20	68.22	71.65	71.65
25	63.02	66.20	66.26
30	57.48	60.38	60.79
35	51.67	54.29	55.34
40	45.70	48.02	49.94
45	39.69	41.72	44.51
50	33.75	35.49	39.00
55	28.02	29.48	33.32
60	22.60	23.81	27.46
65	17.61	18.59	21.49
70	13.13	13.93	16.11
75	9.24	9.90	12.41
80	5.97	6.56	14.63
85	3.33	4.00	8.35
90	1.31	2.39	6.03
95	0.11	1.95	4.80
100	1.01	2.22	4.73
105	1.46	2.48	4.48
110	1.53	2.53	4.30
115	1.32	2.39	4.03
120	0.92	2.18	3.56
125	0.42	2.00	3.53
130	0.11	1.95	3.70
135	0.59	2.05	3.55
140	0.98	2.21	3.43
145	1.23	2.34	3.59
150	1.31	2.39	3.70
155	1.23	2.34	3.72
160	0.98	2.21	3.74
165	0.59	2.05	3.70
170	0.11	1.95	3.31
175	0.42	2.00	3.52

Azimuth	E_{theo}	E_{std}	E_{aug}
180	0.92	2.18	4.10
185	1.32	2.39	4.32
190	1.53	2.53	4.50
195	1.46	2.48	5.13
200	1.01	2.22	5.60
205	0.11	1.95	6.17
210	1.31	2.39	8.29
215	3.33	4.00	10.00
220	5.97	6.56	11.10
225	9.24	9.90	13.05
230	13.13	13.93	20.08
235	17.61	18.59	19.99
240	22.60	23.81	24.35
245	28.02	29.48	29.79
250	33.75	35.49	35.87
255	39.69	41.72	42.12
260	45.70	48.02	48.40
265	51.67	54.29	54.60
270	57.48	60.38	60.60
275	63.02	66.20	66.34
280	68.22	71.65	71.72
285	72.99	76.67	76.68
290	77.30	81.19	81.19
295	81.11	85.19	85.19
300	84.40	88.64	88.64
305	87.16	91.54	91.54
310	89.40	93.89	93.89
315	91.13	95.70	95.70
320	92.35	96.99	96.99
325	93.08	97.75	97.75
330	93.32	98.01	98.01
335	93.08	97.75	97.75
340	92.35	96.99	96.99
345	91.13	95.70	95.70
350	89.40	93.89	93.89
355	87.16	91.54	91.54

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
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