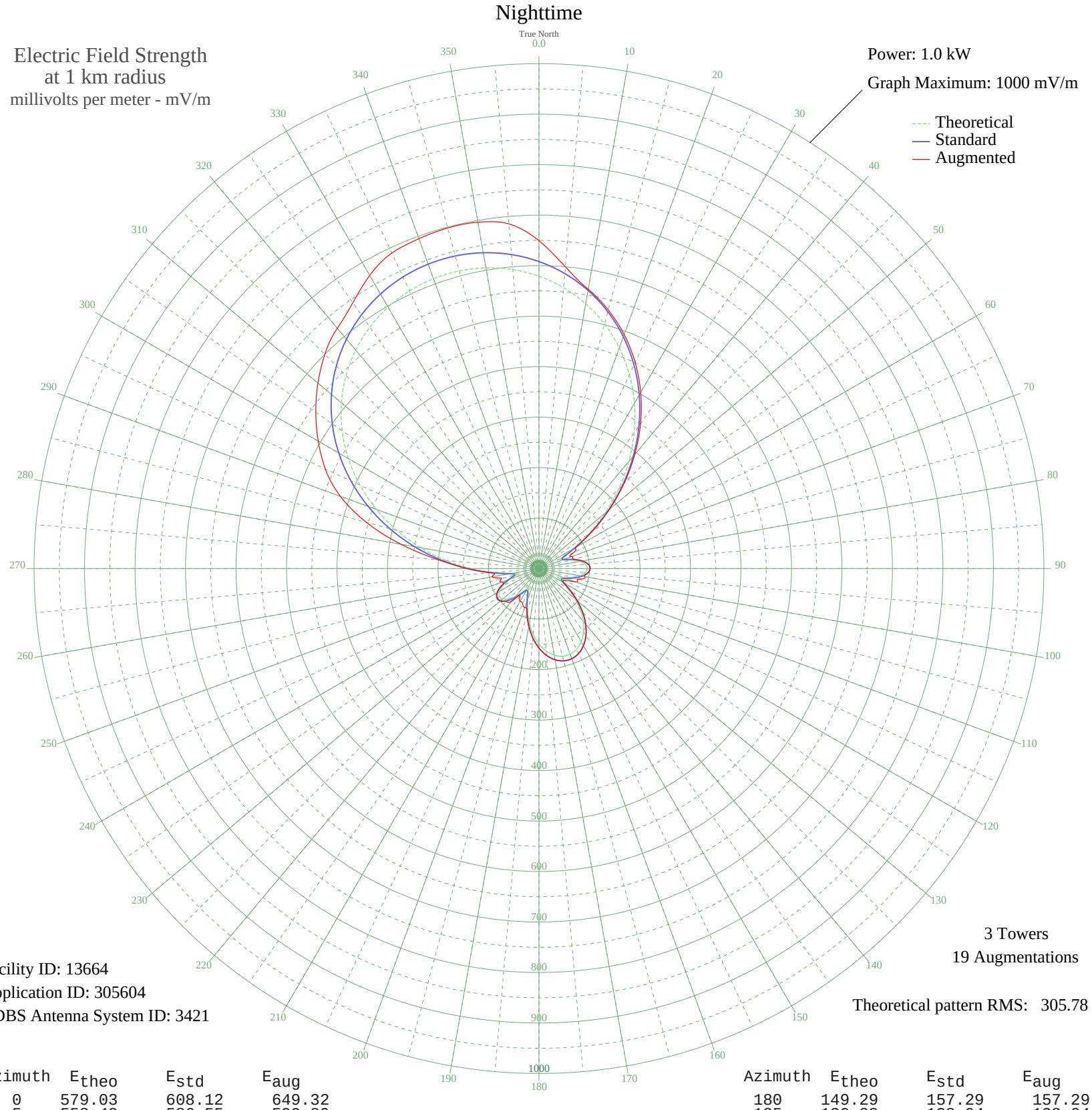
WFDF FLINT, MI BL-- 910 kHz

Nighttime

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



Facility ID: 13664
Application ID: 305604
CDBS Antenna System ID: 3421

Theoretical pattern RMS: 305.78

Azimuth	E_{theo}	E_{std}	E_{aug}
0	579.03	608.12	649.32
5	558.48	586.55	599.89
10	532.66	559.44	561.85
15	501.50	526.74	530.36
20	465.11	488.54	493.25
25	423.75	445.13	450.62
30	377.94	397.05	402.83
35	328.47	345.13	350.63
40	276.43	290.54	295.15
45	223.24	234.76	237.98
50	170.68	179.68	181.23
55	121.01	127.72	127.90
60	77.77	82.68	84.52
65	49.04	53.10	76.62
70	48.30	52.34	69.28
75	65.27	69.75	70.73
80	81.95	87.01	87.01
85	92.54	98.02	98.02
90	95.73	101.35	101.35
95	91.72	97.18	97.18
100	81.57	86.63	92.44
105	67.29	71.83	80.51
110	52.60	56.73	77.15
115	44.96	48.96	55.89
120	52.12	56.24	57.94
125	70.63	75.28	76.32
130	93.17	98.69	98.69
135	115.77	122.24	122.24
140	136.37	143.78	143.78
145	153.79	162.00	162.00
150	167.25	176.09	176.09
155	176.24	185.50	185.50
160	180.45	189.92	189.92
165	179.76	189.20	189.20
170	174.19	183.36	183.36
175	163.92	172.60	172.60

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.

24 Jan 2006

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	149.29	157.29	157.29
185	130.88	138.04	138.04
190	109.57	115.78	115.78
195	86.74	91.99	91.99
200	64.78	69.25	81.81
205	48.61	52.66	76.70
210	45.81	49.81	74.94
215	56.41	60.63	65.32
220	71.54	76.22	84.92
225	84.94	90.12	91.82
230	93.52	99.05	99.84
235	95.59	101.20	101.66
240	90.30	95.69	95.69
245	77.77	82.68	82.68
250	60.07	64.40	78.38
255	45.64	49.65	76.35
260	54.77	58.95	94.40
265	88.91	94.25	94.94
270	134.46	141.78	141.78
275	185.22	194.91	200.57
280	238.16	250.40	277.81
285	291.18	306.02	354.10
290	342.63	359.99	418.56
295	391.17	410.94	467.06
300	435.81	457.78	504.83
305	475.82	499.78	539.64
310	510.76	536.46	571.47
315	540.42	567.59	599.88
320	564.76	593.14	621.33
325	583.85	613.18	642.80
330	597.82	627.84	670.45
335	606.81	637.28	689.65
340	610.94	641.62	695.30
345	610.27	640.91	698.39
350	604.79	635.16	696.69
355	594.41	624.27	685.37