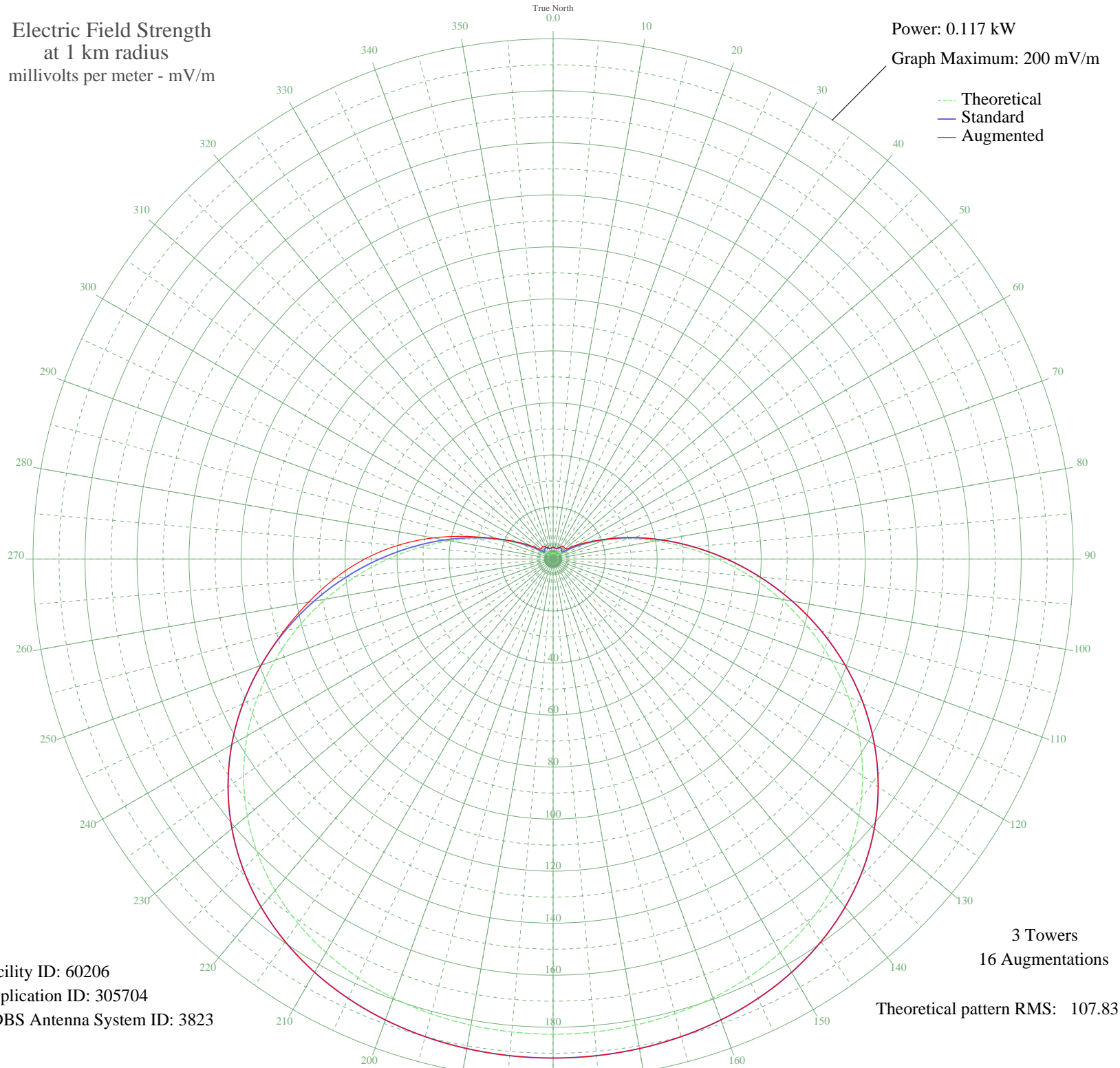


# WXLW INDIANAPOLIS, IN BL-- 950 kHz

Nighttime

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

Power: 0.117 kW  
Graph Maximum: 200 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 60206  
Application ID: 305704  
CDBS Antenna System ID: 3823

3 Towers  
16 Augmentations

Theoretical pattern RMS: 107.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2.55	4.48	4.60
5	2.45	4.42	4.42
10	2.21	4.28	4.27
15	2.02	4.17	4.30
20	2.14	4.24	4.38
25	2.61	4.52	4.83
30	3.15	4.88	5.13
35	3.48	5.13	5.95
40	3.37	5.04	6.21
45	2.67	4.56	6.11
50	2.02	4.17	6.20
55	3.87	5.42	7.27
60	8.04	9.18	11.10
65	13.86	14.98	15.62
70	21.20	22.55	22.55
75	30.00	31.71	31.71
80	40.12	42.28	42.28
85	51.35	54.04	54.04
90	63.43	66.70	66.70
95	76.06	79.94	79.94
100	88.88	93.39	93.39
105	101.57	106.71	106.71
110	113.81	119.55	119.55
115	125.31	131.63	131.63
120	135.86	142.70	142.70
125	145.29	152.60	152.60
130	153.52	161.24	161.24
135	160.52	168.58	168.58
140	166.32	174.68	174.68
145	171.01	179.60	179.60
150	174.69	183.46	183.46
155	177.50	186.41	186.41
160	179.57	188.58	188.58
165	181.02	190.11	190.11
170	181.98	191.11	191.11
175	182.52	191.67	191.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	182.69	191.86	191.86
185	182.52	191.67	191.67
190	181.98	191.11	191.11
195	181.02	190.11	190.11
200	179.57	188.58	188.58
205	177.50	186.41	186.41
210	174.69	183.46	183.46
215	171.01	179.60	179.60
220	166.32	174.68	174.68
225	160.52	168.58	168.58
230	153.52	161.24	161.24
235	145.29	152.60	152.60
240	135.86	142.70	142.70
245	125.31	131.63	131.63
250	113.81	119.55	119.55
255	101.57	106.71	107.25
260	88.88	93.39	95.50
265	76.06	79.94	84.07
270	63.43	66.70	72.41
275	51.35	54.04	59.98
280	40.12	42.28	46.74
285	30.00	31.71	33.49
290	21.20	22.55	22.55
295	13.86	14.98	15.45
300	8.04	9.17	10.60
305	3.87	5.42	6.87
310	2.02	4.17	6.10
315	2.67	4.56	6.09
320	3.37	5.04	6.25
325	3.48	5.13	6.04
330	3.15	4.88	5.12
335	2.61	4.52	4.91
340	2.14	4.24	4.49
345	2.02	4.17	4.30
350	2.21	4.28	4.34
355	2.45	4.42	4.48

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission