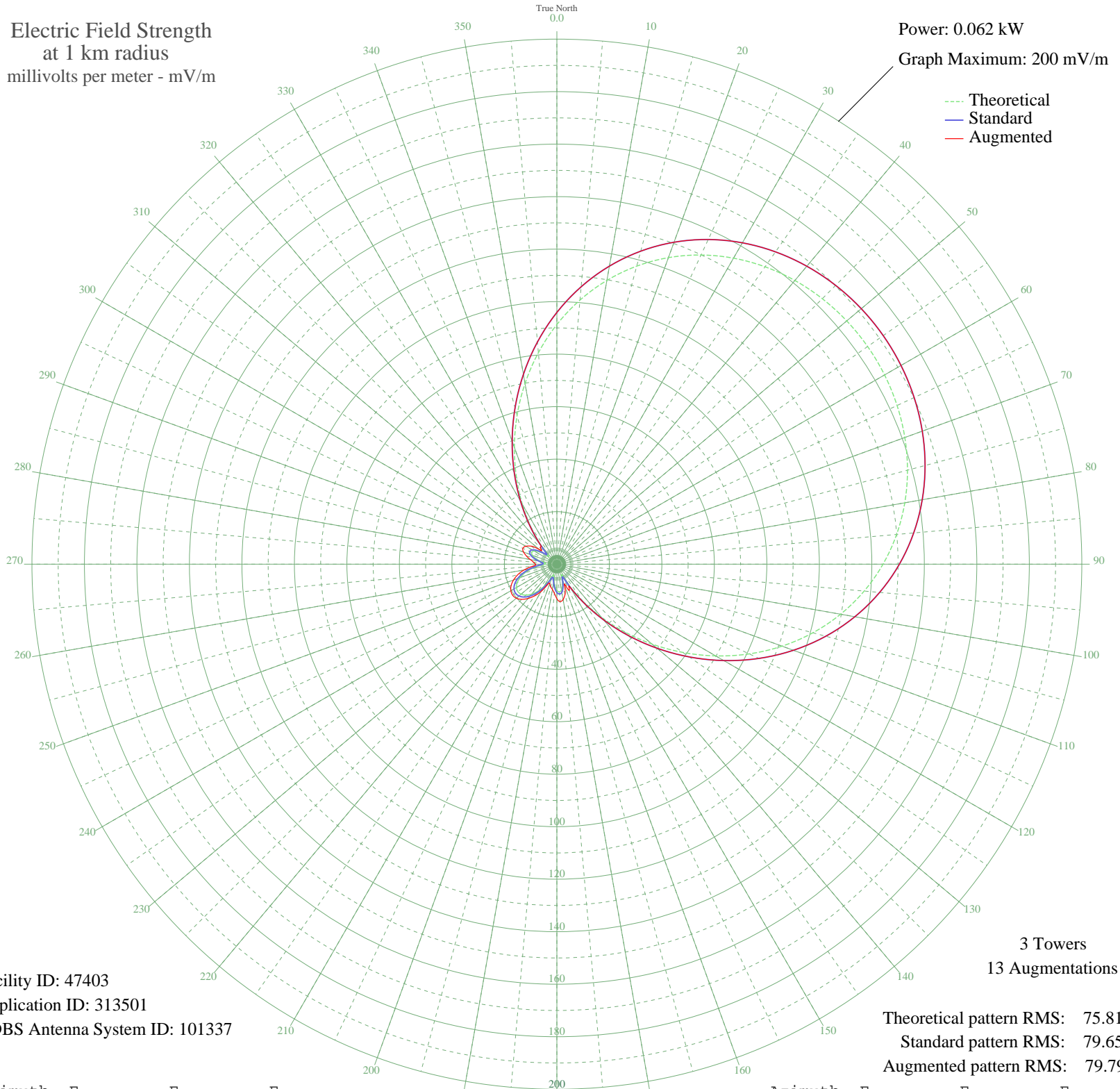


# WPYR BATON ROUGE, LA BL-- 1380 kHz

Nighttime

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

Power: 0.062 kW  
Graph Maximum: 200 mV/m



Facility ID: 47403  
Application ID: 313501  
CDBS Antenna System ID: 101337

3 Towers  
13 Augmentations

Theoretical pattern RMS: 75.81  
Standard pattern RMS: 79.65  
Augmented pattern RMS: 79.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	91.30	95.90	95.90
5	100.98	106.06	106.06
10	109.76	115.28	115.28
15	117.53	123.44	123.44
20	124.26	130.50	130.50
25	129.94	136.46	136.46
30	134.60	141.35	141.35
35	138.29	145.23	145.23
40	141.08	148.16	148.16
45	143.02	150.19	150.19
50	144.16	151.40	151.40
55	144.54	151.79	151.79
60	144.16	151.40	151.40
65	143.02	150.19	150.19
70	141.08	148.16	148.16
75	138.29	145.23	145.23
80	134.60	141.35	141.35
85	129.94	136.46	136.46
90	124.26	130.50	130.50
95	117.53	123.44	123.44
100	109.76	115.28	115.28
105	100.98	106.06	106.06
110	91.30	95.90	95.90
115	80.86	84.94	84.94
120	69.87	73.42	73.42
125	58.61	61.60	61.60
130	47.36	49.80	49.80
135	36.46	38.37	38.37
140	26.24	27.69	27.69
145	17.07	18.12	18.12
150	9.39	10.22	10.22
155	4.51	5.45	11.10
160	5.47	6.33	8.43
165	8.25	9.06	12.00
170	10.05	10.89	13.65
175	10.58	11.43	14.30

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	9.94	10.78	13.13
185	8.37	9.19	11.10
190	6.26	7.10	9.79
195	4.45	5.39	9.00
200	4.62	5.54	7.88
205	6.87	7.70	8.80
210	9.74	10.57	11.95
215	12.50	13.40	14.70
220	14.87	15.84	17.03
225	16.66	17.70	18.93
230	17.78	18.86	20.17
235	18.16	19.25	20.60
240	17.78	18.86	20.25
245	16.66	17.70	19.21
250	14.87	15.84	17.55
255	12.50	13.40	15.40
260	9.74	10.57	12.68
265	6.87	7.70	9.38
270	4.62	5.54	8.07
275	4.45	5.39	9.00
280	6.26	7.10	10.31
285	8.37	9.19	12.00
290	9.94	10.78	13.52
295	10.58	11.43	14.30
300	10.05	10.89	13.65
305	8.25	9.06	12.00
310	5.47	6.33	8.43
315	4.51	5.45	9.00
320	9.39	10.22	10.22
325	17.07	18.12	18.12
330	26.24	27.69	27.69
335	36.46	38.37	38.37
340	47.36	49.80	49.80
345	58.61	61.60	61.60
350	69.87	73.42	73.42
355	80.86	84.94	84.94