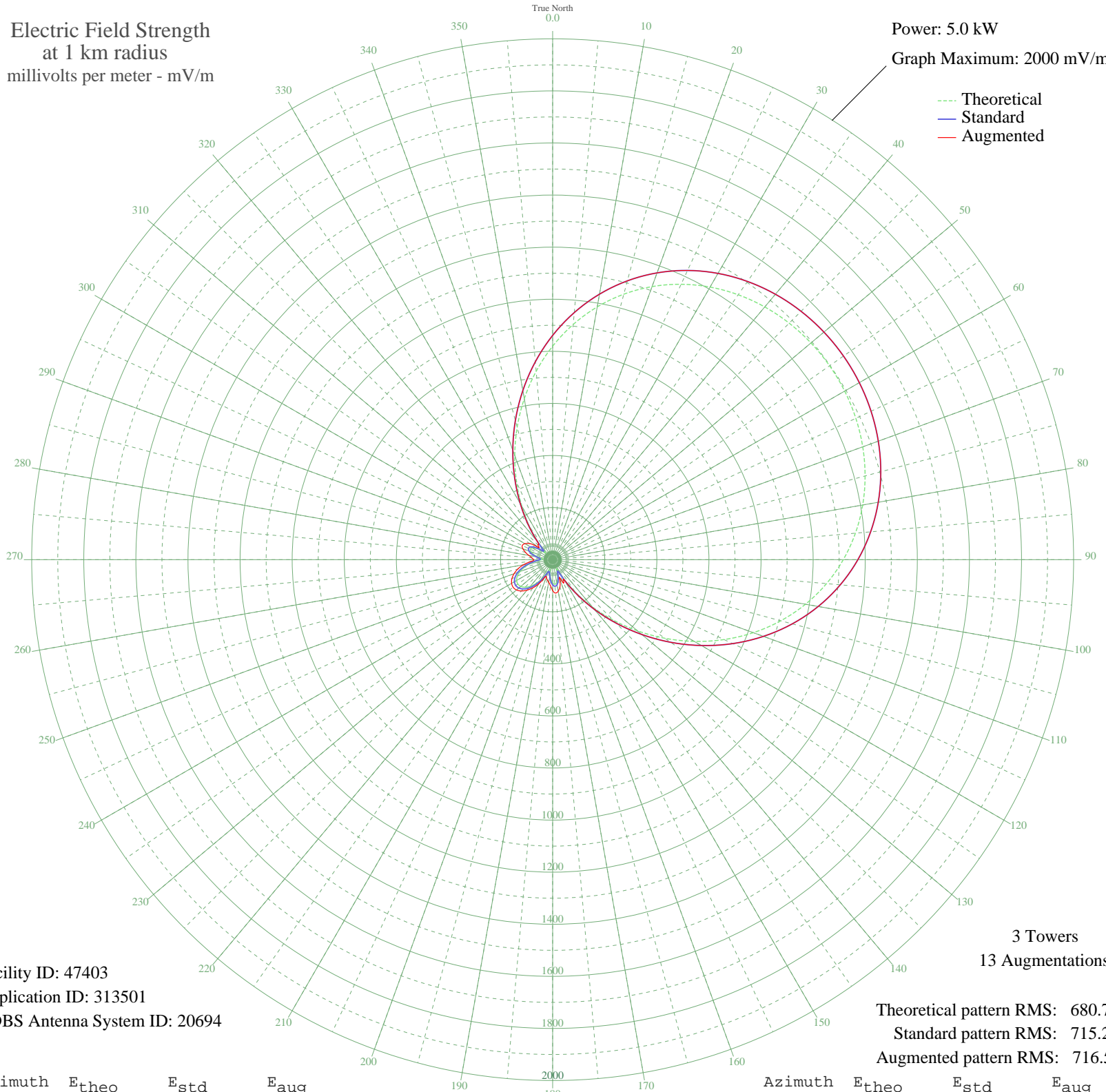


WPYR BATON ROUGE, LA BL-- 1380 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 47403
Application ID: 313501
CDBS Antenna System ID: 20694

3 Towers
13 Augmentations

Theoretical pattern RMS: 680.75
Standard pattern RMS: 715.20
Augmented pattern RMS: 716.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	819.81	861.14	861.14
5	906.77	952.41	952.41
10	985.59	1035.15	1035.15
15	1055.40	1108.43	1108.43
20	1115.80	1171.84	1171.84
25	1166.79	1225.36	1225.36
30	1208.63	1269.29	1269.29
35	1241.80	1304.11	1304.11
40	1266.84	1330.40	1330.40
45	1284.28	1348.70	1348.70
50	1294.55	1359.49	1359.49
55	1297.94	1363.04	1363.04
60	1294.55	1359.49	1359.49
65	1284.28	1348.70	1348.70
70	1266.84	1330.40	1330.40
75	1241.80	1304.11	1304.11
80	1208.63	1269.29	1269.29
85	1166.79	1225.36	1225.36
90	1115.80	1171.84	1171.84
95	1055.40	1108.43	1108.43
100	985.59	1035.15	1035.15
105	906.77	952.41	952.41
110	819.81	861.14	861.14
115	726.08	762.76	762.76
120	627.45	659.26	659.26
125	526.28	553.12	553.12
130	425.27	447.18	447.18
135	327.37	344.58	344.58
140	235.66	248.61	248.61
145	153.30	162.75	162.75
150	84.34	91.77	91.77
155	40.53	48.90	48.90
160	49.08	56.88	75.74
165	74.05	81.39	107.83
170	90.25	97.77	122.81
175	95.01	102.63	128.75

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
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	89.25	96.76	118.15
185	75.14	82.49	99.78
190	56.24	63.77	87.80
195	39.99	48.40	80.47
200	41.47	49.76	70.51
205	61.71	69.13	79.03
210	87.44	94.92	107.31
215	112.29	120.34	131.97
220	133.53	142.26	152.91
225	149.63	158.94	170.04
230	159.64	169.34	181.20
235	163.04	172.87	185.07
240	159.64	169.34	181.90
245	149.63	158.94	172.58
250	133.53	142.26	157.69
255	112.29	120.34	138.40
260	87.44	94.92	114.01
265	61.71	69.13	84.35
270	41.47	49.76	72.30
275	39.99	48.40	80.47
280	56.24	63.77	92.44
285	75.14	82.49	107.83
290	89.25	96.76	121.64
295	95.01	102.63	128.75
300	90.25	97.77	122.81
305	74.05	81.39	107.83
310	49.08	56.88	75.74
315	40.53	48.90	80.47
320	84.34	91.77	91.77
325	153.30	162.75	162.75
330	235.66	248.61	248.61
335	327.37	344.58	344.58
340	425.27	447.18	447.18
345	526.28	553.12	553.12
350	627.45	659.26	659.26
355	726.08	762.76	762.76