

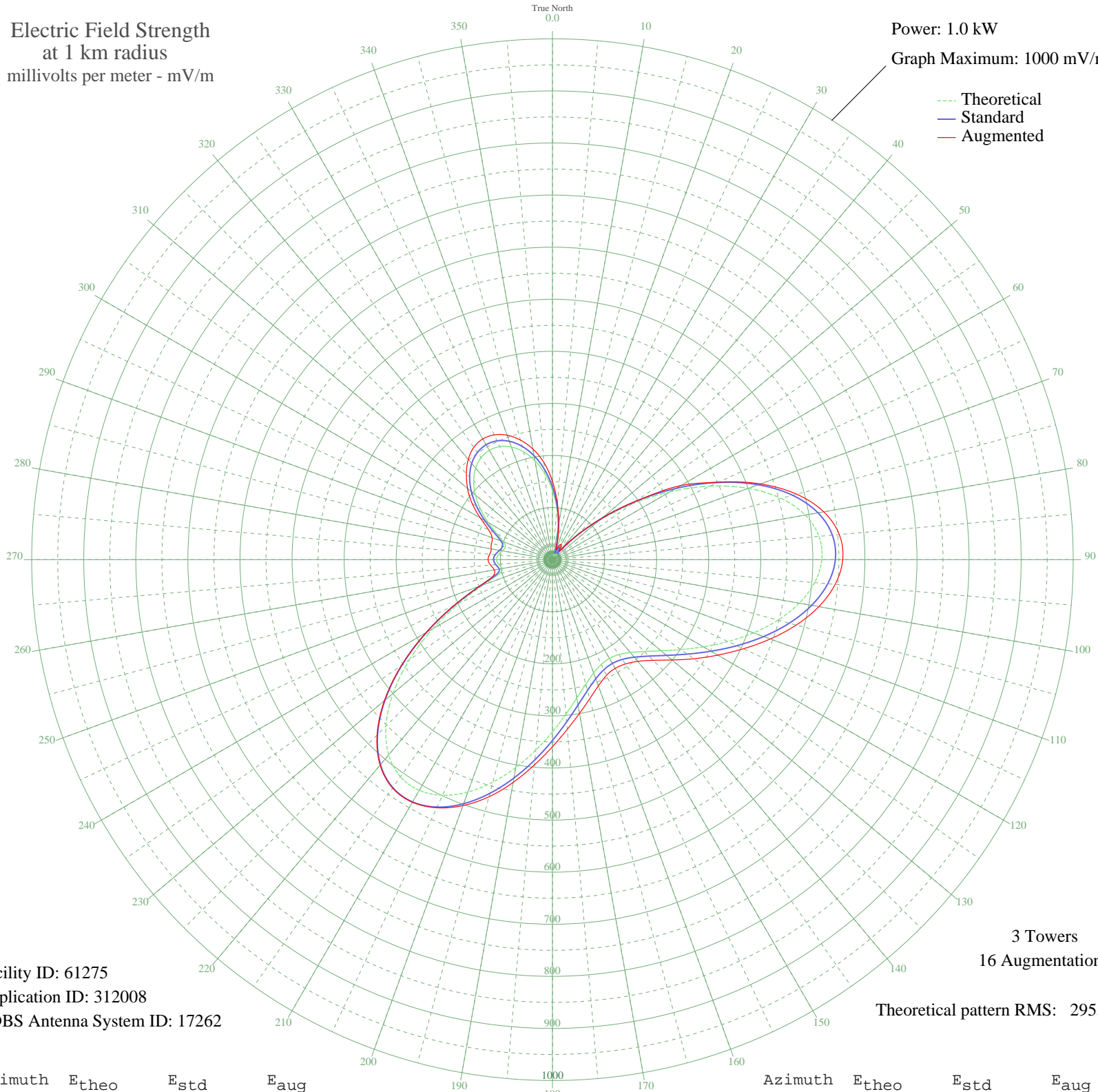
WIBR BATON ROUGE, LA BL-- 1300 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 61275
Application ID: 312008
CDBS Antenna System ID: 17262

3 Towers
16 Augmentations

Theoretical pattern RMS: 295.31

Azimuth	E _{theo}	E _{std}	E _{aug}
0	133.18	140.23	150.41
5	98.27	103.72	108.94
10	62.69	66.65	69.20
15	29.52	32.72	36.96
20	6.36	12.45	20.49
25	18.84	22.39	28.78
30	24.54	27.82	33.80
35	16.11	19.91	25.93
40	16.98	20.69	25.40
45	58.58	62.40	64.37
50	116.75	123.04	123.54
55	185.90	195.48	195.48
60	260.39	273.61	284.86
65	333.95	350.81	352.30
70	400.46	420.62	425.24
75	454.70	477.55	485.68
80	493.06	517.81	529.03
85	513.83	539.62	552.99
90	517.29	543.26	557.48
95	505.37	530.74	544.99
100	481.18	505.35	519.42
105	448.44	470.98	484.78
110	410.92	431.60	445.24
115	372.07	390.82	404.72
120	334.69	351.59	366.53
125	300.90	316.12	331.58
130	272.11	285.91	299.65
135	249.18	261.85	273.27
140	232.58	244.43	254.91
145	222.48	233.84	244.44
150	218.95	230.13	240.95
155	221.97	233.30	245.29
160	231.50	243.31	257.84
165	247.47	260.05	276.51
170	269.66	283.34	299.58
175	297.64	312.70	327.01

Azimuth	E _{theo}	E _{std}	E _{aug}
180	330.59	347.27	359.17
185	367.14	385.64	395.44
190	405.29	425.68	434.22
195	442.29	464.52	471.29
200	474.79	498.64	502.55
205	499.07	524.13	525.63
210	511.44	537.11	537.84
215	508.77	534.31	535.29
220	489.12	513.68	514.87
225	452.19	474.92	476.27
230	399.74	419.85	421.31
235	335.61	352.55	354.03
240	265.66	279.14	280.54
245	197.50	207.64	208.84
250	140.70	148.10	148.92
255	106.29	112.10	117.04
260	98.31	103.76	113.60
265	103.53	109.22	119.37
270	107.21	113.06	123.63
275	104.49	110.21	120.87
280	97.72	103.15	119.49
285	93.72	98.97	121.02
290	99.82	105.34	123.34
295	117.50	123.82	135.05
300	142.18	149.66	159.60
305	168.64	177.39	188.26
310	193.28	203.21	212.77
315	213.94	224.88	233.73
320	229.40	241.10	251.36
325	239.02	251.19	263.26
330	242.44	254.78	267.63
335	239.49	251.68	264.37
340	230.12	241.85	254.23
345	214.38	225.34	237.73
350	192.53	202.43	215.75
355	165.13	173.70	187.02

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.

14 Nov 2009

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