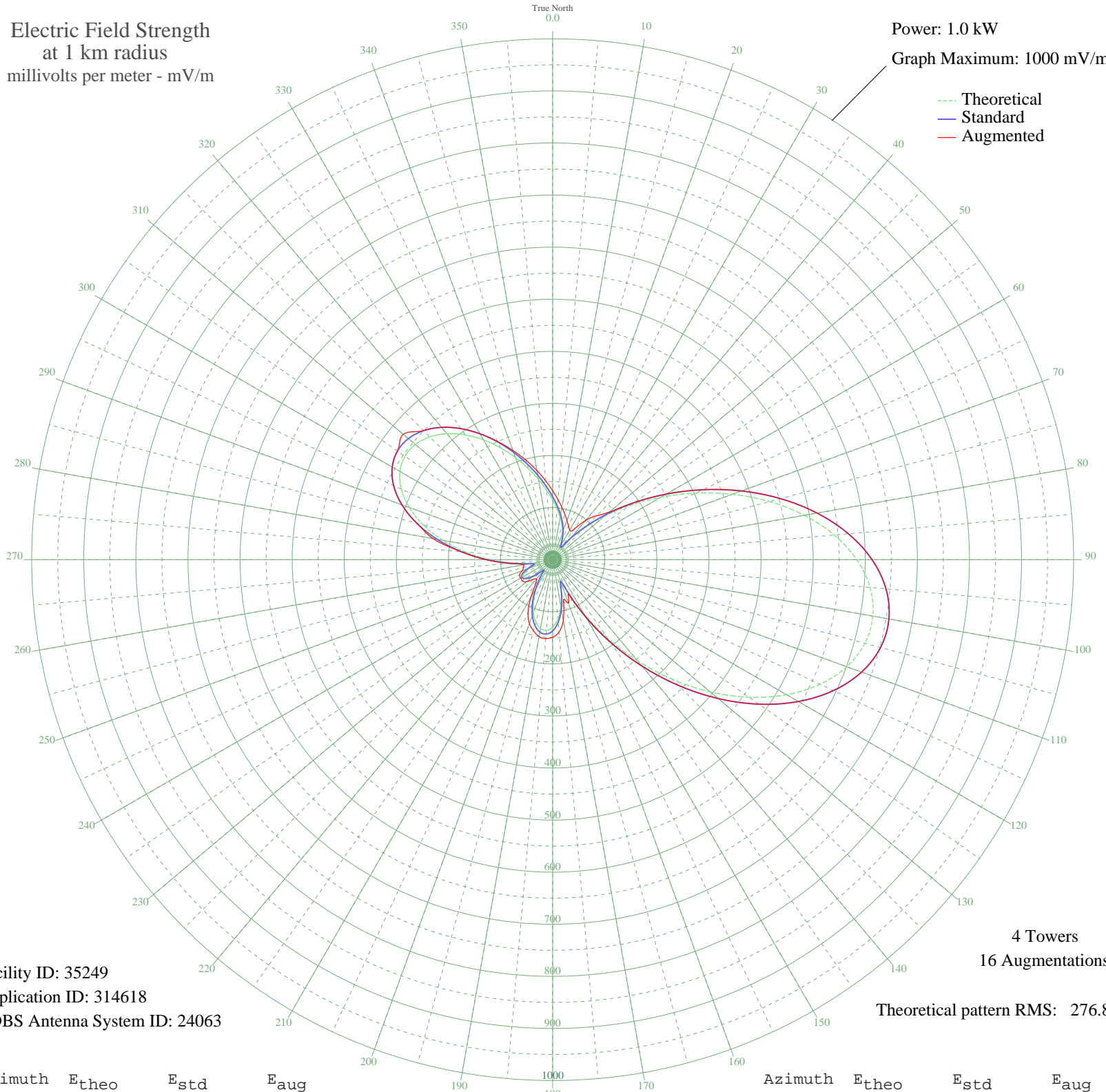


# KMLB MONROE, LA BL-- 540 kHz

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: 35249  
Application ID: 314618  
CDBS Antenna System ID: 24063

4 Towers  
16 Augmentations

Theoretical pattern RMS: 276.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	114.42	120.79	132.40
5	97.49	103.13	116.00
10	82.50	87.52	102.07
15	68.56	73.06	90.26
20	54.65	58.72	80.25
25	40.09	43.90	71.69
30	26.58	30.57	65.45
35	26.89	30.87	71.28
40	49.84	53.80	98.27
45	85.22	90.35	119.16
50	129.41	136.45	142.70
55	181.25	190.72	190.72
60	239.49	251.77	251.77
65	302.27	317.63	317.63
70	367.13	385.68	385.68
75	431.04	452.77	452.77
80	490.68	515.37	515.37
85	542.66	569.93	569.93
90	583.83	613.15	613.15
95	611.59	642.29	642.29
100	624.11	655.44	655.44
105	620.50	651.64	651.64
110	600.86	631.03	631.03
115	566.28	594.72	594.72
120	518.65	544.73	544.73
125	460.54	483.73	483.73
130	394.90	414.83	414.83
135	324.89	341.36	341.36
140	253.67	266.65	266.65
145	184.34	193.96	193.96
150	120.09	126.71	126.71
155	65.96	70.38	73.15
160	40.23	44.04	88.84
165	61.04	65.30	80.25
170	90.80	96.15	117.89
175	114.51	120.88	139.69

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	129.72	136.78	148.91
185	136.11	143.46	152.18
190	134.03	141.28	149.84
195	124.24	131.04	141.53
200	107.85	113.93	130.55
205	86.35	91.52	111.53
210	61.69	65.97	83.46
215	37.02	40.83	57.48
220	21.51	25.80	48.28
225	30.56	34.43	53.79
230	47.11	51.02	65.98
235	59.32	63.52	70.85
240	63.92	68.26	70.81
245	59.69	63.91	70.35
250	47.30	51.20	62.11
255	33.27	37.10	58.31
260	41.34	45.17	56.51
265	75.51	80.26	82.83
270	119.72	126.32	128.13
275	167.21	176.01	176.53
280	213.97	225.01	233.35
285	256.76	269.89	269.89
290	292.94	307.84	307.84
295	320.55	336.80	336.80
300	338.39	355.53	355.53
305	346.12	363.64	363.64
310	344.12	361.55	374.40
315	333.43	350.32	350.32
320	315.54	331.55	331.55
325	292.26	307.12	307.12
330	265.48	279.03	279.06
335	237.02	249.19	250.35
340	208.52	219.30	223.07
345	181.27	190.74	197.66
350	156.23	164.51	173.68
355	133.90	141.15	151.59

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission