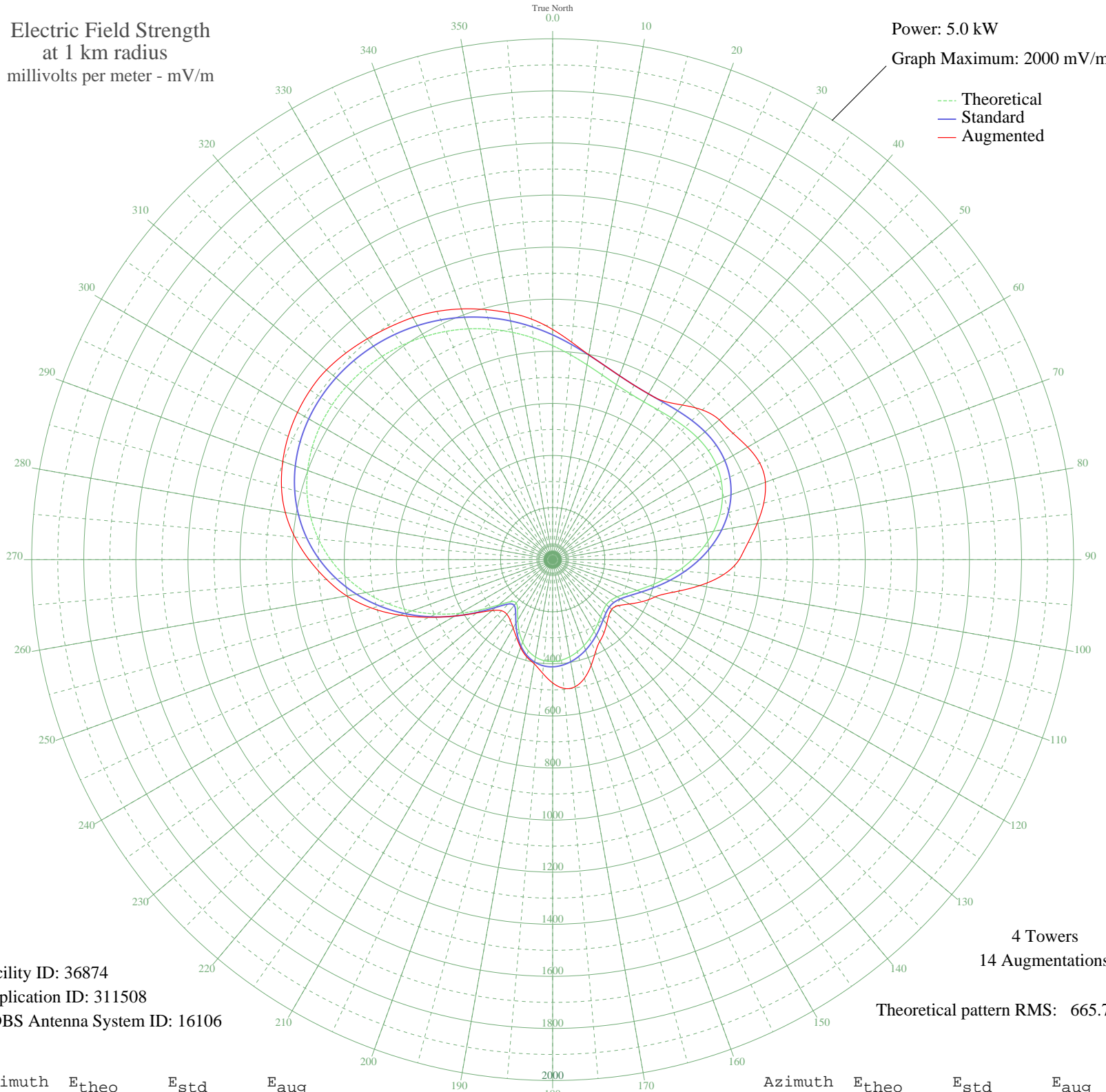


# WLBR LEBANON, PA BL-- 1270 kHz

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: 36874  
Application ID: 311508  
CDBS Antenna System ID: 16106

4 Towers  
14 Augmentations

Theoretical pattern RMS: 665.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	821.69	863.09	883.93
5	789.52	829.33	838.26
10	759.72	798.05	798.88
15	734.32	771.39	771.39
20	715.21	751.34	751.34
25	703.69	739.25	739.25
30	699.97	735.35	735.35
35	702.99	738.51	743.21
40	710.50	746.39	775.04
45	719.54	755.88	812.83
50	726.95	763.66	835.40
55	729.88	766.74	845.51
60	726.12	762.79	864.47
65	714.21	750.28	877.36
70	693.53	728.58	869.05
75	664.25	697.85	838.98
80	627.19	658.96	796.94
85	583.74	613.38	753.06
90	535.75	563.02	716.16
95	485.36	510.16	658.66
100	434.98	457.33	573.45
105	387.21	407.25	481.32
110	344.75	362.75	418.43
115	310.20	326.56	380.55
120	285.70	300.91	340.41
125	272.27	286.84	307.84
130	269.32	283.76	296.12
135	274.89	289.59	304.58
140	286.37	301.60	322.62
145	301.36	317.30	343.51
150	318.01	334.73	362.10
155	335.01	352.54	390.18
160	351.36	369.68	432.07
165	366.18	385.21	471.41
170	378.52	398.14	495.53
175	387.28	407.32	496.08

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	391.21	411.44	473.32
185	389.03	409.16	438.00
190	379.60	399.27	406.20
195	362.12	380.95	386.24
200	336.54	354.14	359.25
205	304.02	320.08	329.03
210	267.85	282.22	303.32
215	234.95	247.82	283.98
220	217.36	229.43	273.59
225	228.24	240.80	277.39
230	270.39	284.88	303.75
235	335.01	352.55	357.13
240	411.89	433.12	433.12
245	493.73	518.95	523.70
250	575.70	604.94	623.16
255	654.47	687.59	718.95
260	727.76	764.51	802.48
265	794.01	834.04	871.16
270	852.27	895.19	935.28
275	902.06	947.45	993.72
280	943.28	990.72	1042.17
285	976.15	1025.23	1077.76
290	1001.10	1051.41	1102.69
295	1018.69	1069.88	1120.28
300	1029.59	1081.33	1131.18
305	1034.47	1086.45	1136.06
310	1033.97	1085.92	1133.54
315	1028.65	1080.34	1122.28
320	1019.01	1070.21	1107.19
325	1005.39	1055.92	1090.72
330	988.07	1037.74	1073.79
335	967.26	1015.89	1051.64
340	943.14	990.58	1024.55
345	915.97	962.05	994.09
350	886.16	930.76	962.27
355	854.38	897.41	927.21