

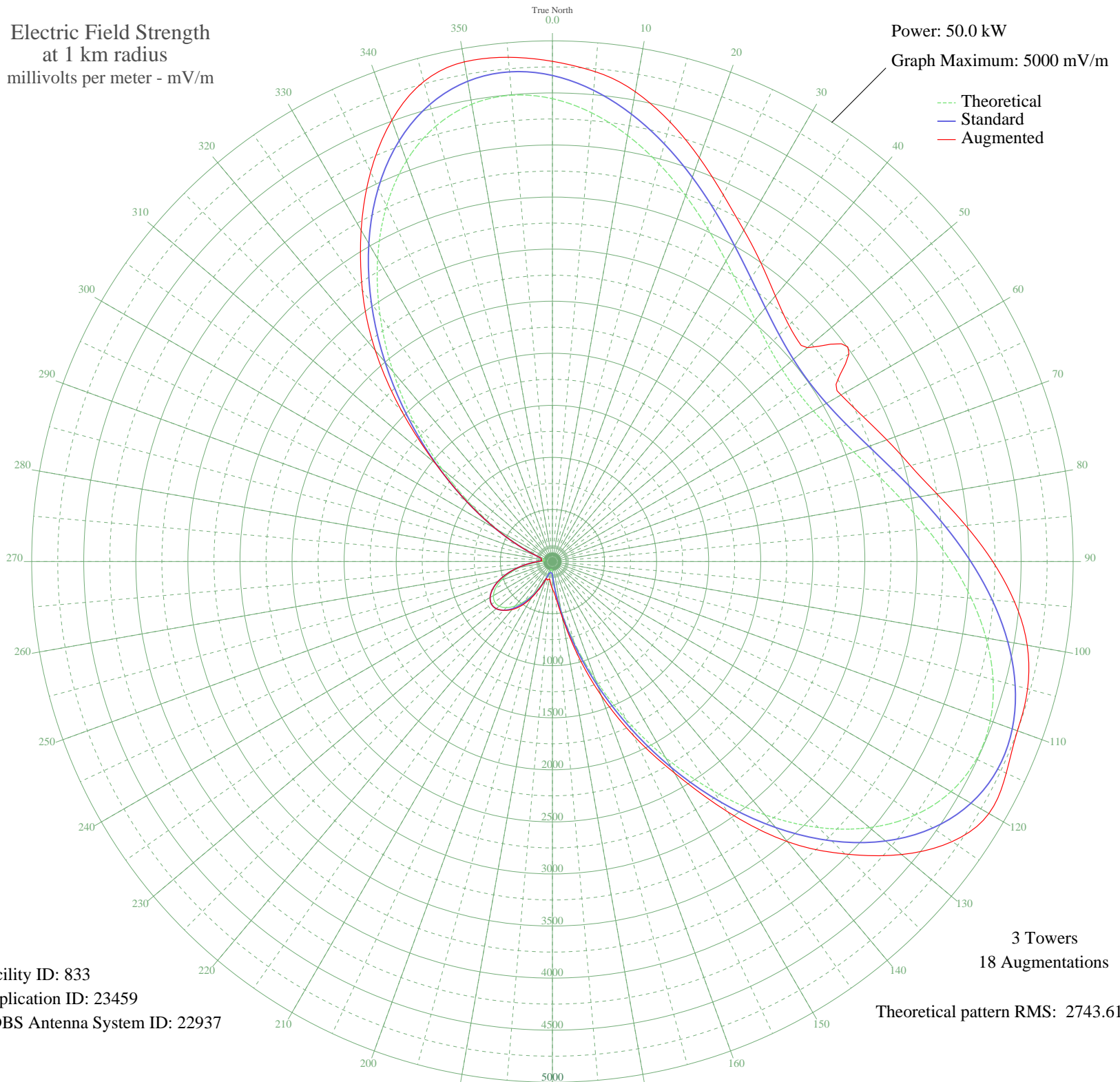
# WDCD ALBANY, NY BL-19800917AC 1540 kHz

Unlimited Time

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

Power: 50.0 kW

Graph Maximum: 5000 mV/m



Facility ID: 833  
Application ID: 23459  
CDBS Antenna System ID: 22937

3 Towers  
18 Augmentations  
Theoretical pattern RMS: 2743.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4444.94	4667.78	4803.48
5	4325.32	4542.19	4721.93
10	4155.00	4363.38	4581.48
15	3953.47	4151.80	4368.80
20	3739.05	3926.70	4125.77
25	3527.78	3704.91	3883.73
30	3332.75	3500.18	3675.10
35	3164.00	3323.03	3494.20
40	3028.71	3181.02	3330.07
45	2931.74	3079.22	3210.17
50	2876.03	3020.74	3195.45
55	2863.08	3007.15	3475.53
60	2893.23	3038.80	3199.87
65	2965.71	3114.88	3292.28
70	3078.45	3233.23	3416.79
75	3227.83	3390.03	3559.39
80	3408.11	3579.28	3748.50
85	3611.00	3792.28	3982.94
90	3825.27	4017.22	4228.18
95	4036.61	4239.09	4454.65
100	4227.95	4439.97	4629.07
105	4380.34	4599.95	4723.09
110	4474.31	4698.62	4751.11
115	4491.91	4717.09	4807.83
120	4418.87	4640.41	4839.26
125	4246.86	4459.82	4686.95
130	3975.29	4174.71	4376.82
135	3612.26	3793.60	3971.22
140	3174.44	3333.99	3511.58
145	2685.71	2820.98	2934.23
150	2174.75	2284.70	2344.40
155	1671.90	1757.07	1844.79
160	1205.84	1268.31	1366.80
165	800.71	844.01	918.10
170	474.15	503.36	544.05
175	237.52	260.21	336.50

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.

17 Aug 2018

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	102.28	130.56	263.97
185	75.03	108.26	206.11
190	75.61	108.70	169.53
195	84.05	115.33	185.07
200	145.69	170.04	174.12
205	245.14	267.89	270.93
210	356.63	381.75	401.43
215	464.18	493.01	517.24
220	556.57	589.09	602.03
225	625.84	661.31	662.55
230	666.72	703.98	703.98
235	676.32	714.01	714.01
240	654.01	690.71	690.71
245	601.30	635.71	635.71
250	522.00	553.11	553.11
255	422.43	449.72	449.72
260	311.75	335.65	335.65
265	202.77	225.48	225.48
270	114.61	141.40	141.22
275	76.01	109.01	99.04
280	76.52	109.40	109.40
285	76.50	109.38	109.38
290	142.96	167.47	167.47
295	320.81	344.94	344.94
300	594.50	628.62	628.62
305	954.16	1004.62	1004.62
310	1386.18	1457.38	1468.23
315	1870.16	1965.07	2050.16
320	2379.86	2499.96	2646.44
325	2885.55	3030.74	3182.16
330	3357.15	3525.79	3673.54
335	3767.56	3956.64	4129.72
340	4095.55	4300.96	4509.55
345	4327.77	4544.76	4771.87
350	4459.65	4683.22	4872.23
355	4495.06	4720.40	4860.64