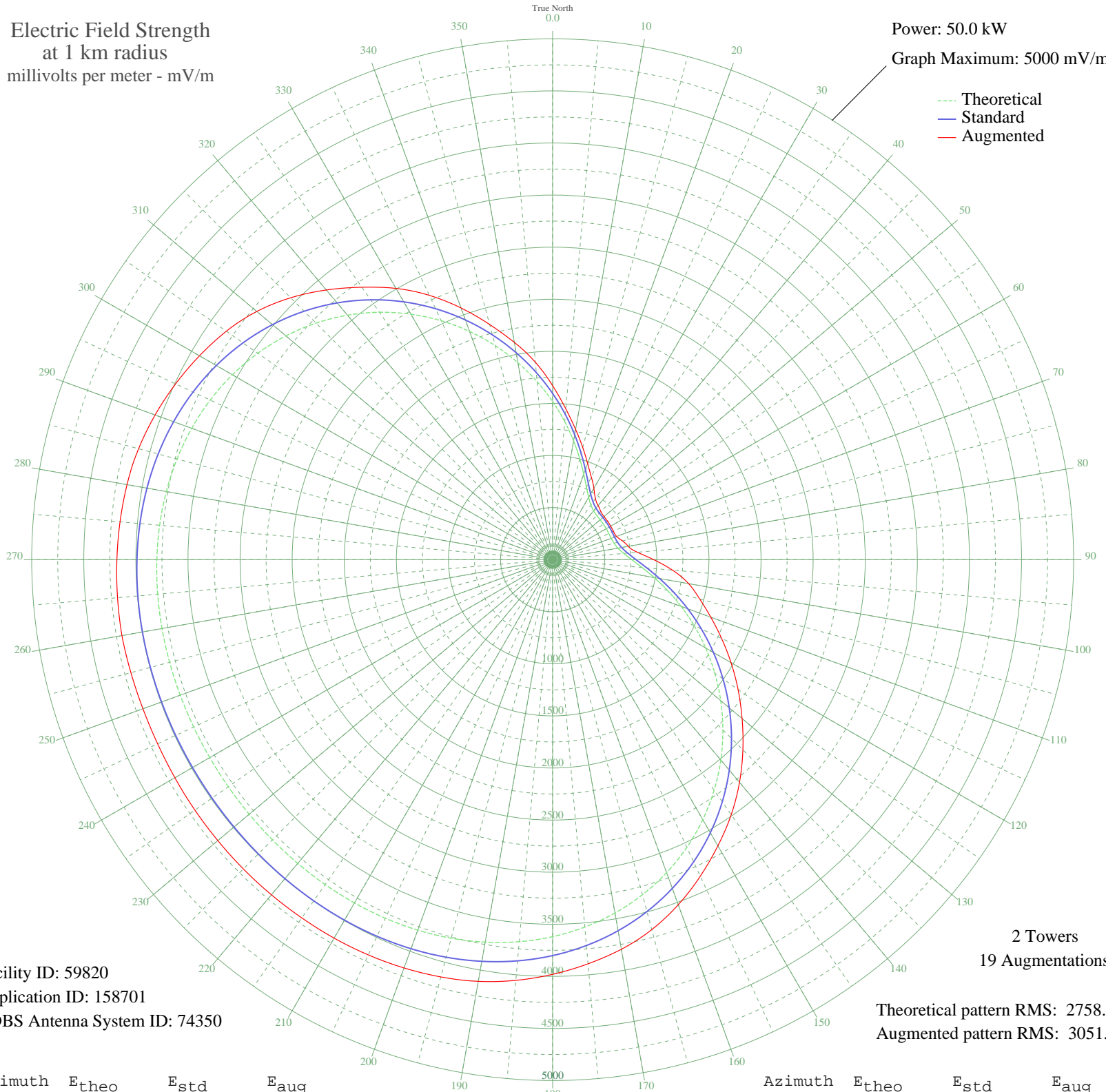


# KRLD DALLAS, TX BL-19910329AA 1080 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 59820  
Application ID: 158701  
CDBS Antenna System ID: 74350

2 Towers  
19 Augmentations

Theoretical pattern RMS: 2758.90  
Augmented pattern RMS: 3051.46

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1517.78	1595.40	1670.06
5	1330.25	1398.74	1452.50
10	1157.43	1217.57	1269.36
15	1003.55	1056.34	1115.42
20	872.60	919.23	982.26
25	767.82	809.62	876.66
30	690.77	729.10	791.11
35	640.24	676.34	715.68
40	611.82	646.69	678.66
45	598.94	633.26	653.72
50	594.80	628.94	643.74
55	594.15	628.26	643.74
60	594.15	628.26	643.06
65	594.65	628.78	643.74
70	598.24	632.52	652.45
75	609.95	644.74	694.24
80	636.50	672.44	737.36
85	684.57	722.63	815.73
90	758.86	800.26	969.98
95	860.90	906.99	1154.74
100	989.36	1041.48	1324.95
105	1141.13	1200.48	1462.15
110	1312.24	1379.85	1615.44
115	1498.49	1575.16	1789.09
120	1695.62	1781.95	1976.73
125	1899.43	1995.79	2172.60
130	2105.82	2212.35	2373.54
135	2310.82	2427.49	2582.25
140	2510.71	2637.29	2789.99
145	2702.07	2838.15	2988.19
150	2881.90	3026.91	3171.86
155	3047.68	3200.92	3353.00
160	3197.45	3358.14	3525.31
165	3329.87	3497.15	3676.59
170	3444.24	3617.21	3798.10
175	3540.49	3718.25	3894.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3619.13	3800.81	3980.79
185	3681.22	3865.99	4053.97
190	3728.23	3915.35	4110.40
195	3762.01	3950.80	4146.98
200	3784.60	3974.52	4170.89
205	3798.18	3988.78	4186.54
210	3804.93	3995.87	4195.10
215	3806.91	3997.95	4197.89
220	3806.01	3997.00	4199.52
225	3803.81	3994.69	4198.43
230	3801.58	3992.35	4195.35
235	3800.21	3990.91	4191.55
240	3800.14	3990.84	4186.76
245	3801.40	3992.16	4183.23
250	3803.57	3994.44	4184.74
255	3805.82	3996.80	4190.76
260	3806.92	3997.96	4197.80
265	3805.31	3996.27	4192.15
270	3799.13	3989.78	4182.29
275	3786.33	3976.34	4168.06
280	3764.73	3953.67	4147.99
285	3732.17	3919.48	4114.36
290	3686.57	3871.61	4060.42
295	3626.06	3808.09	3992.99
300	3549.13	3727.33	3913.96
305	3454.67	3628.17	3823.64
310	3342.12	3510.01	3706.82
315	3211.48	3372.88	3555.64
320	3063.40	3217.43	3379.40
325	2899.15	3045.01	3192.69
330	2720.62	2857.61	3007.05
335	2530.28	2657.83	2799.75
340	2331.09	2448.77	2571.23
345	2126.44	2234.00	2337.48
350	1920.02	2017.39	2118.20
355	1715.77	1803.09	1902.22

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