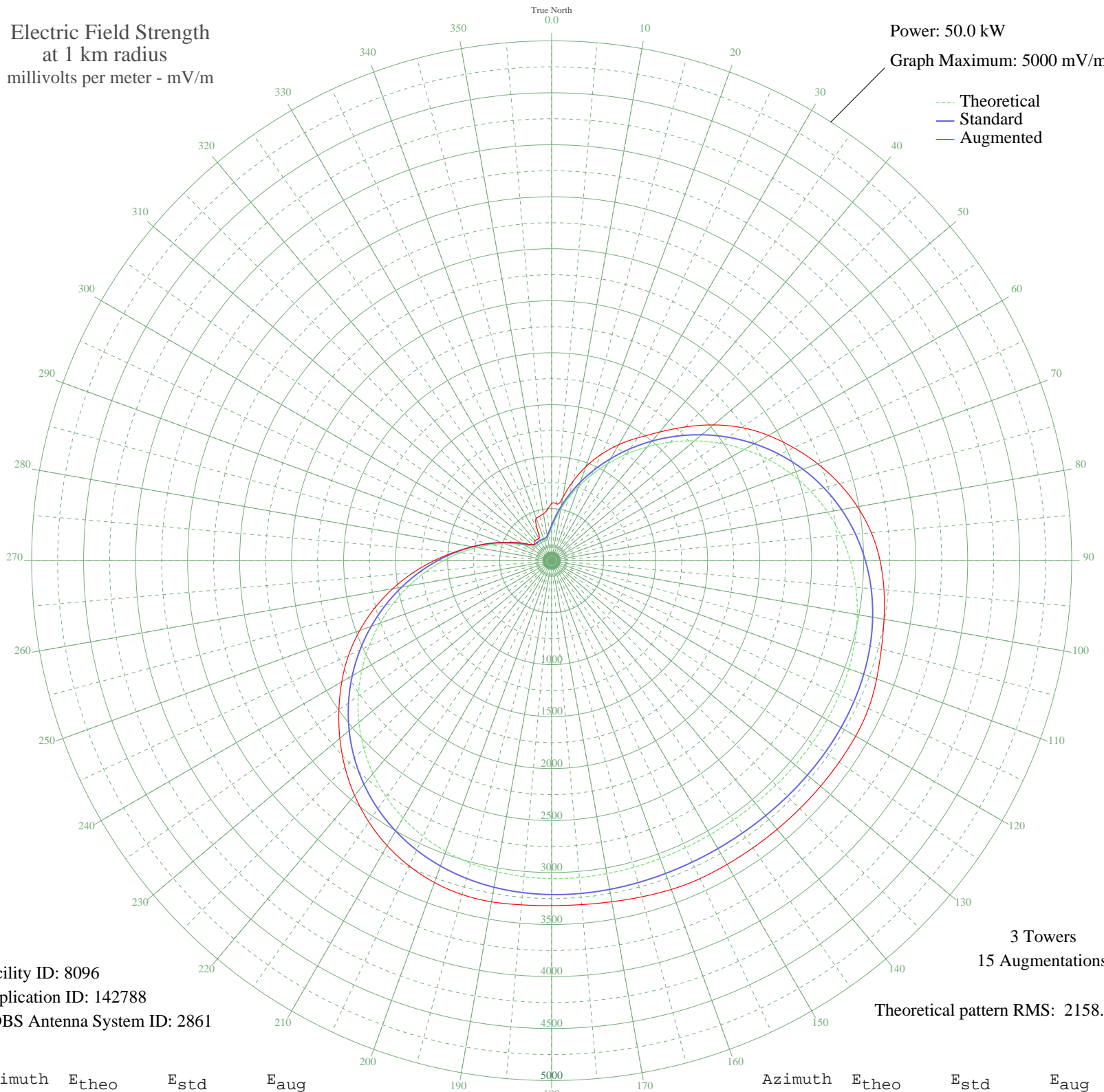


# WKVM SAN JUAN, PR BL-RC1104FB 810 kHz

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: 8096  
Application ID: 142788  
CDBS Antenna System ID: 2861

3 Towers  
15 Augmentations

Theoretical pattern RMS: 2158.13

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	316.90	340.93	549.90
5	398.97	425.44	547.03
10	501.63	531.92	613.87
15	622.78	658.12	787.99
20	760.35	801.81	961.56
25	912.21	960.70	1128.44
30	1076.01	1132.25	1287.48
35	1249.07	1313.63	1440.86
40	1428.39	1501.65	1614.72
45	1610.68	1692.84	1819.13
50	1792.49	1883.57	2031.30
55	1970.30	2070.15	2231.63
60	2140.76	2249.02	2407.96
65	2300.76	2416.94	2568.86
70	2447.65	2571.11	2722.74
75	2579.35	2709.33	2863.42
80	2694.40	2830.10	2985.54
85	2792.10	2932.64	3085.72
90	2872.40	3016.94	3157.76
95	2935.95	3083.65	3207.35
100	2983.96	3134.04	3245.09
105	3018.11	3169.88	3282.06
110	3040.41	3193.29	3325.34
115	3053.09	3206.60	3361.57
120	3058.42	3212.20	3375.26
125	3058.64	3212.43	3376.14
130	3055.79	3209.44	3375.13
135	3051.67	3205.12	3373.65
140	3047.73	3200.98	3372.60
145	3045.04	3198.15	3372.42
150	3044.21	3197.28	3373.22
155	3045.44	3198.57	3374.51
160	3048.45	3201.73	3365.00
165	3052.52	3206.01	3347.28
170	3056.52	3210.20	3331.26
175	3058.90	3212.71	3320.65

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3057.83	3211.58	3317.88
185	3051.21	3204.63	3323.00
190	3036.79	3189.50	3331.60
195	3012.30	3163.78	3324.74
200	2975.53	3125.19	3294.31
205	2924.53	3071.66	3240.30
210	2857.71	3001.52	3164.36
215	2773.96	2913.61	3066.39
220	2672.77	2807.39	2947.62
225	2554.30	2683.05	2810.54
230	2419.44	2541.49	2658.80
235	2269.74	2384.38	2496.97
240	2107.41	2214.03	2330.31
245	1935.23	2033.34	2154.71
250	1756.33	1845.64	1964.04
255	1574.15	1654.53	1761.47
260	1392.18	1463.68	1551.31
265	1213.86	1276.72	1339.07
270	1042.42	1097.06	1131.78
275	880.81	927.82	938.60
280	731.62	771.78	771.78
285	597.17	631.41	631.41
290	479.55	508.98	509.07
295	380.84	406.71	416.80
300	303.14	326.84	341.81
305	248.25	271.03	272.93
310	216.05	238.69	239.10
315	202.40	225.12	231.65
320	199.85	222.59	253.11
325	201.16	223.89	247.29
330	201.91	224.63	249.05
335	200.85	223.58	321.93
340	199.85	222.59	435.96
345	203.98	226.69	443.36
350	220.81	243.44	456.96
355	257.36	280.25	490.12

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission