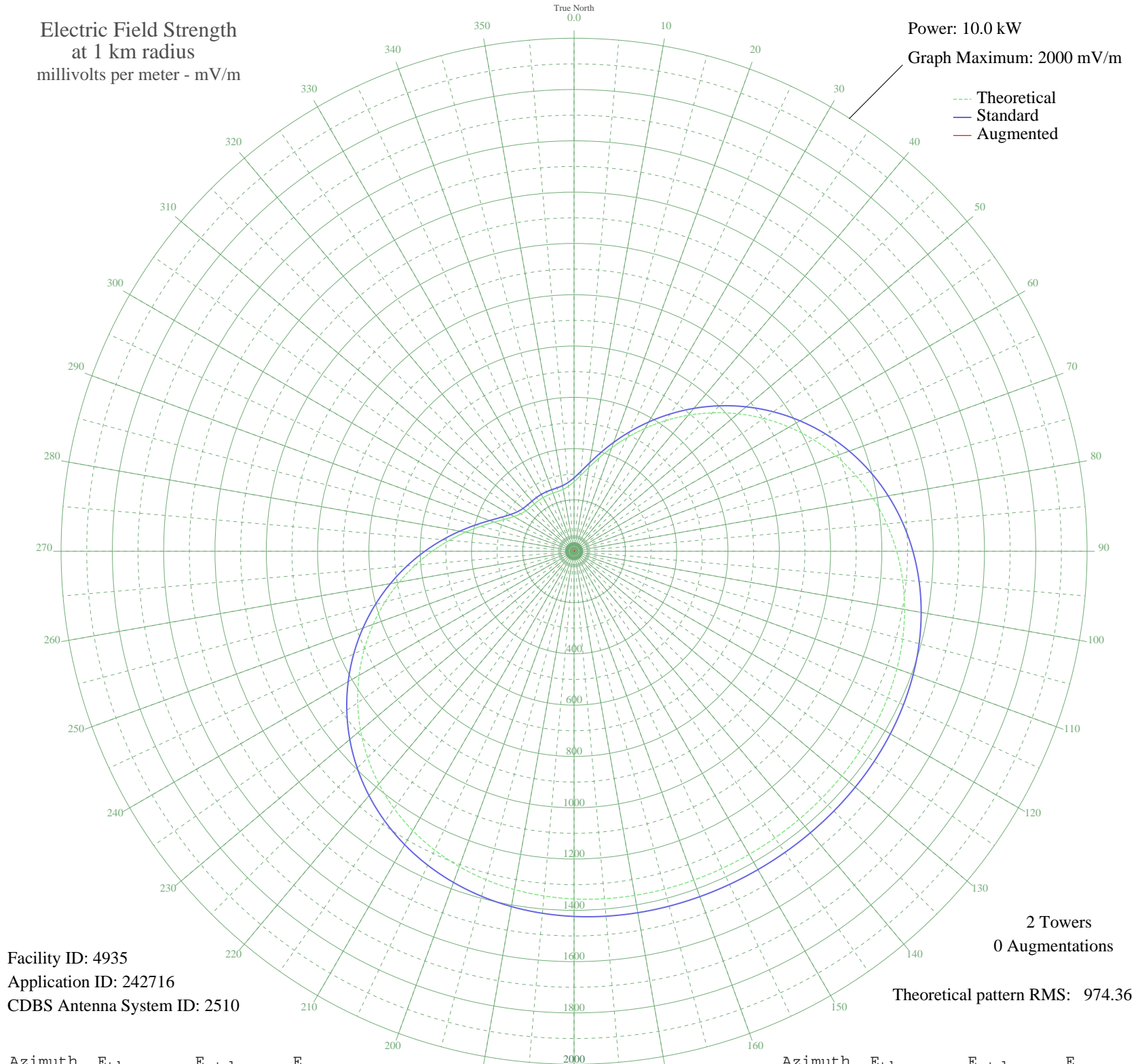


# WIAC SAN JUAN, PR BL-19970318AG 740 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 4935  
Application ID: 242716  
CDBS Antenna System ID: 2510

2 Towers  
0 Augmentations

Theoretical pattern RMS: 974.36

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	270.73	286.20	
5	296.42	313.01	
10	331.78	349.95	
15	376.36	396.57	
20	429.06	451.74	
25	488.46	513.96	
30	553.06	581.66	
35	621.31	653.22	
40	691.75	727.09	
45	762.93	801.76	
50	833.50	875.81	
55	902.22	947.91	
60	967.94	1016.88	
65	1029.69	1081.68	
70	1086.66	1141.47	
75	1138.24	1195.62	
80	1184.04	1243.69	
85	1223.85	1285.47	
90	1257.69	1320.99	
95	1285.74	1350.43	
100	1308.37	1374.18	
105	1326.06	1392.76	
110	1339.40	1406.77	
115	1349.05	1416.90	
120	1355.69	1423.86	
125	1359.97	1428.35	
130	1362.52	1431.03	
135	1363.88	1432.46	
140	1364.52	1433.13	
145	1364.76	1433.38	
150	1364.82	1433.44	
155	1364.76	1433.38	
160	1364.52	1433.13	
165	1363.88	1432.46	
170	1362.52	1431.03	
175	1359.97	1428.35	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1355.69	1423.86	
185	1349.05	1416.90	
190	1339.40	1406.77	
195	1326.06	1392.76	
200	1308.37	1374.18	
205	1285.74	1350.43	
210	1257.69	1320.99	
215	1223.85	1285.47	
220	1184.04	1243.69	
225	1138.24	1195.62	
230	1086.66	1141.47	
235	1029.69	1081.68	
240	967.94	1016.88	
245	902.22	947.91	
250	833.50	875.81	
255	762.93	801.76	
260	691.75	727.09	
265	621.31	653.22	
270	553.06	581.66	
275	488.46	513.96	
280	429.06	451.74	
285	376.36	396.57	
290	331.78	349.95	
295	296.42	313.01	
300	270.73	286.20	
305	254.20	268.96	
310	245.23	259.62	
315	241.57	255.81	
320	240.88	255.09	
325	241.25	255.48	
330	241.51	255.75	
335	241.25	255.48	
340	240.88	255.09	
345	241.57	255.81	
350	245.23	259.62	
355	254.20	268.96	