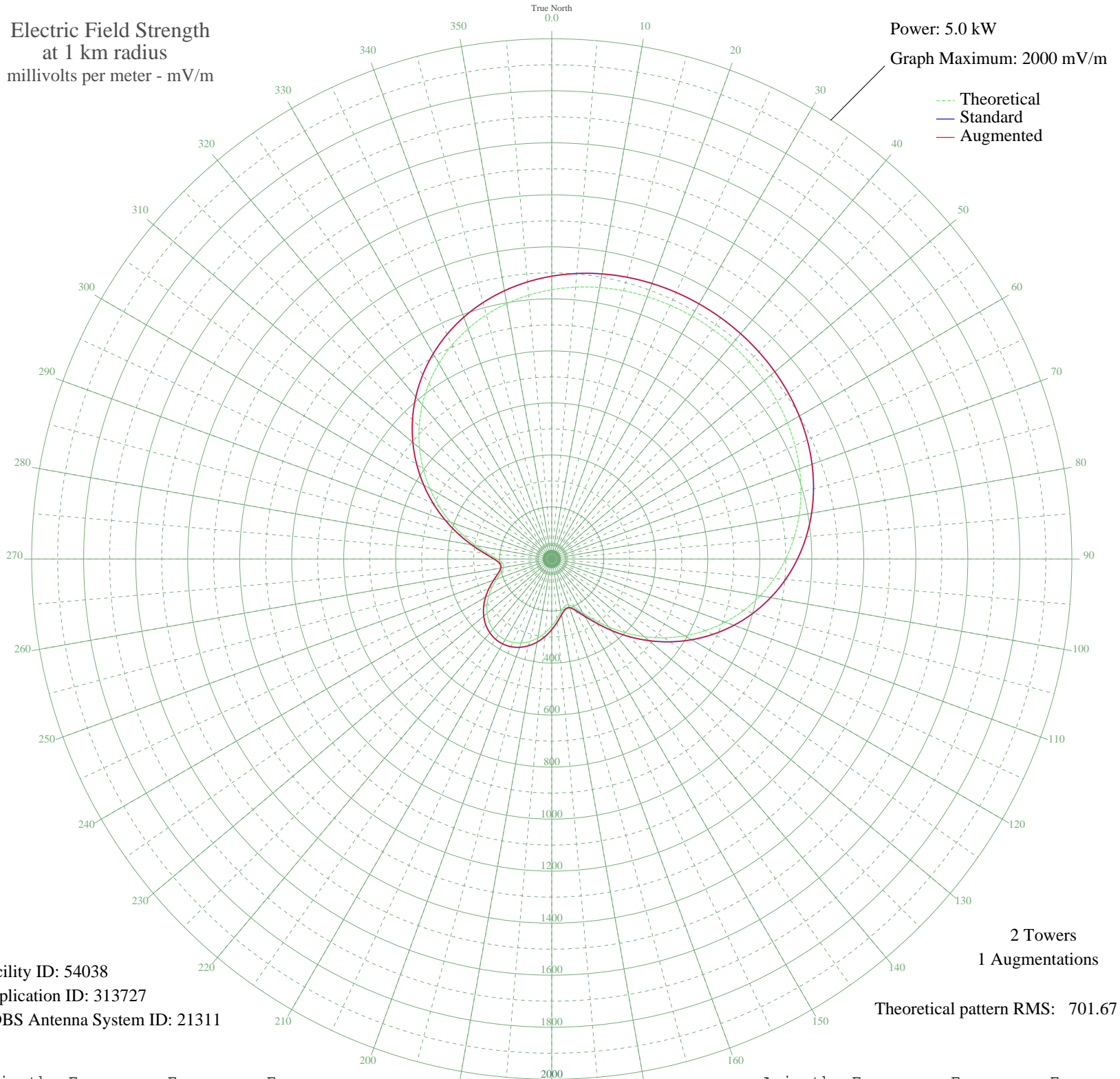


WDJA DELRAY BEACH, FL BL-- 1420 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 54038
Application ID: 313727
CDBS Antenna System ID: 21311

2 Towers
1 Augmentations
Theoretical pattern RMS: 701.67

Azimuth	Etheo	Estd	Eaug
0	1035.27	1087.28	1087.28
5	1049.00	1101.70	1101.70
10	1059.67	1112.90	1112.90
15	1067.66	1121.29	1121.29
20	1073.31	1127.21	1127.21
25	1076.86	1130.94	1130.94
30	1078.50	1132.67	1132.67
35	1078.32	1132.48	1132.48
40	1076.30	1130.36	1130.36
45	1072.35	1126.21	1126.21
50	1066.26	1119.82	1119.82
55	1057.76	1110.90	1110.90
60	1046.51	1099.09	1099.09
65	1032.12	1083.98	1083.98
70	1014.18	1065.15	1065.15
75	992.29	1042.17	1042.17
80	966.10	1014.68	1014.68
85	935.30	982.34	982.34
90	899.68	944.96	944.96
95	859.16	902.43	902.43
100	813.80	854.82	854.82
105	763.81	802.35	802.35
110	709.59	745.44	745.44
115	651.70	684.68	684.68
120	590.90	620.88	620.88
125	528.15	555.05	555.05
130	464.62	488.42	488.42
135	401.77	422.52	422.52
140	341.43	359.27	359.27
145	286.04	301.25	302.17
150	238.95	252.00	256.77
155	204.68	216.20	221.07
160	187.77	198.56	199.20
165	189.53	200.38	200.38
170	205.90	217.46	217.46
175	230.41	243.07	243.07

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	257.69	271.59	271.59
185	284.29	299.43	299.43
190	308.16	324.42	324.42
195	328.08	345.29	345.29
200	343.35	361.28	361.28
205	353.53	371.95	371.95
210	358.40	377.05	377.05
215	357.86	376.48	376.48
220	351.91	370.26	370.26
225	340.69	358.49	358.49
230	324.45	341.48	341.48
235	303.67	319.72	319.72
240	279.14	294.03	294.03
245	252.20	265.85	265.85
250	225.14	237.56	237.56
255	201.77	213.15	213.15
260	187.81	198.60	198.60
265	189.63	200.49	200.49
270	210.27	222.03	222.03
275	247.50	260.94	260.94
280	296.57	312.29	312.29
285	353.19	371.60	371.60
290	414.21	435.55	435.55
295	477.32	501.74	501.74
300	540.80	568.32	568.32
305	603.25	633.84	633.84
310	663.53	697.11	697.11
315	720.75	757.15	757.15
320	774.17	813.21	813.21
325	823.26	864.74	864.74
330	867.66	911.35	911.35
335	907.20	952.85	952.85
340	941.84	989.21	989.21
345	971.70	1020.55	1020.55
350	997.00	1047.12	1047.12
355	1018.07	1069.23	1069.23