

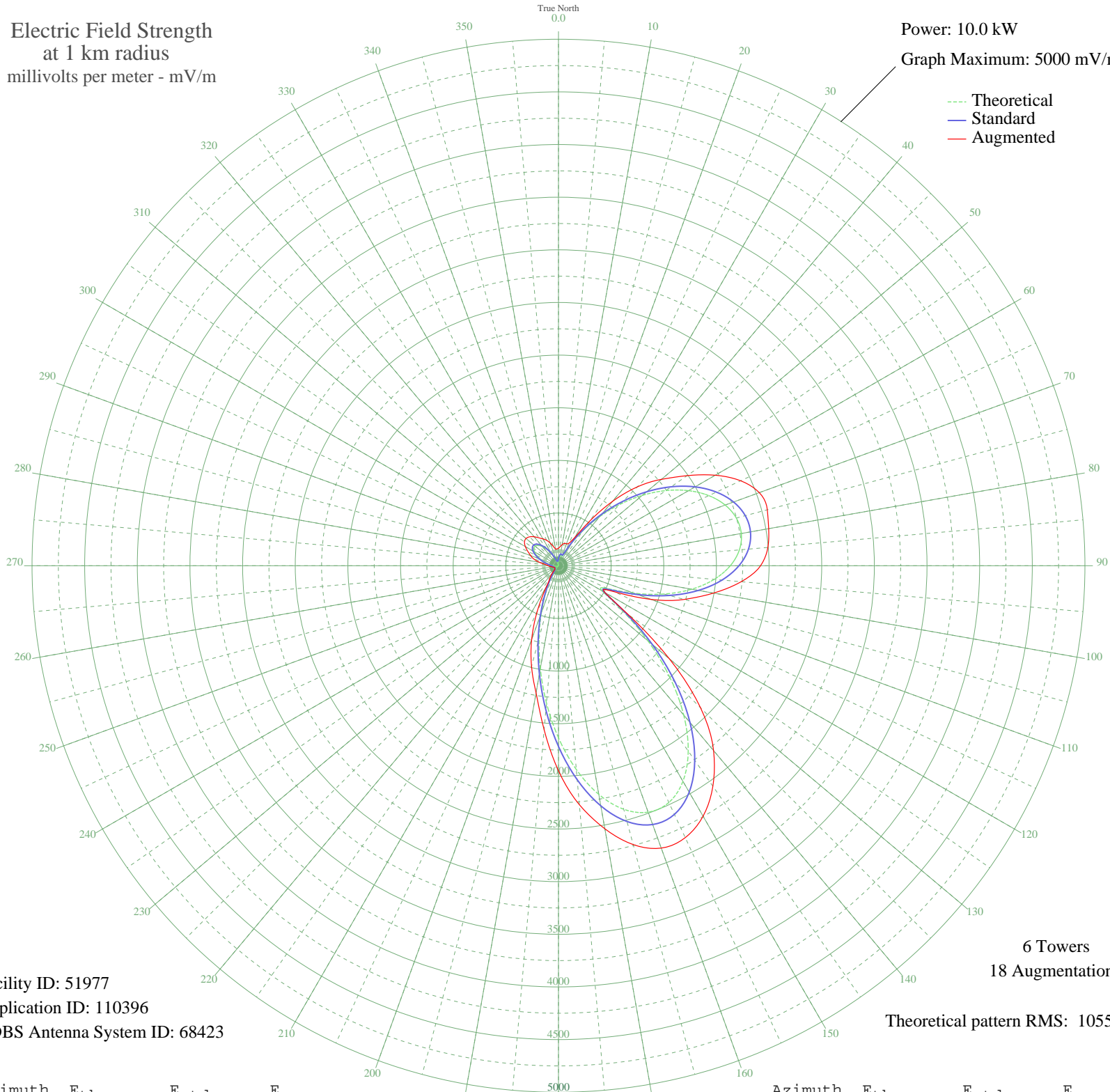
WINZ MIAMI, FL BL-19880317AB 940 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 51977  
Application ID: 110396  
CDBS Antenna System ID: 68423

6 Towers  
18 Augmentations  
Theoretical pattern RMS: 1055.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	49.01	65.89	166.37
5	80.40	93.91	182.45
10	100.59	113.35	203.50
15	100.93	113.68	219.55
20	91.58	104.59	221.69
25	130.66	143.23	236.21
30	246.01	261.56	309.53
35	411.74	434.28	519.00
40	609.18	640.97	797.39
45	823.18	865.31	1059.08
50	1039.29	1092.03	1275.98
55	1244.13	1306.99	1491.51
60	1426.06	1497.92	1719.06
65	1575.49	1654.77	1909.10
70	1684.95	1769.68	2029.51
75	1748.84	1836.74	2053.34
80	1763.04	1851.65	2027.00
85	1724.70	1811.40	1996.34
90	1632.06	1714.16	1919.51
95	1484.77	1559.55	1742.01
100	1284.64	1349.50	1495.97
105	1037.80	1090.47	1236.56
110	761.57	800.71	934.75
115	513.81	541.07	584.75
120	477.18	502.73	509.58
125	736.25	774.15	807.70
130	1107.49	1163.60	1374.77
135	1493.25	1568.45	1908.55
140	1850.22	1943.17	2291.64
145	2148.43	2256.23	2556.58
150	2364.31	2482.87	2746.56
155	2481.10	2605.48	2849.12
160	2490.61	2615.47	2853.57
165	2394.61	2514.68	2741.64
170	2205.00	2315.62	2536.78
175	1942.51	2040.05	2278.48

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1633.92	1716.11	1947.14
185	1308.33	1374.36	1563.56
190	993.14	1043.61	1226.24
195	710.59	747.26	989.16
200	475.43	500.90	743.97
205	294.14	311.58	476.52
210	165.60	178.68	225.95
215	82.87	96.25	139.83
220	35.58	55.58	88.47
225	12.32	43.13	48.28
230	2.82	41.25	44.01
235	0.06	41.15	41.15
240	1.15	41.16	41.16
245	5.54	41.56	41.56
250	12.52	43.20	43.20
255	20.64	46.50	52.33
260	28.50	50.87	61.16
265	36.38	56.14	79.27
270	47.80	64.90	96.56
275	67.89	82.30	123.59
280	98.81	111.61	180.99
285	138.71	151.35	239.91
290	183.27	196.78	281.64
295	226.74	241.61	320.87
300	262.76	278.95	363.33
305	285.25	302.33	393.97
310	289.49	306.74	402.34
315	273.23	289.83	388.35
320	237.47	252.72	358.88
325	186.78	200.39	323.32
330	128.83	141.39	294.44
335	73.14	87.12	266.26
340	29.19	51.31	229.85
345	4.28	41.39	190.32
350	1.58	41.18	162.21
355	18.96	45.71	160.13