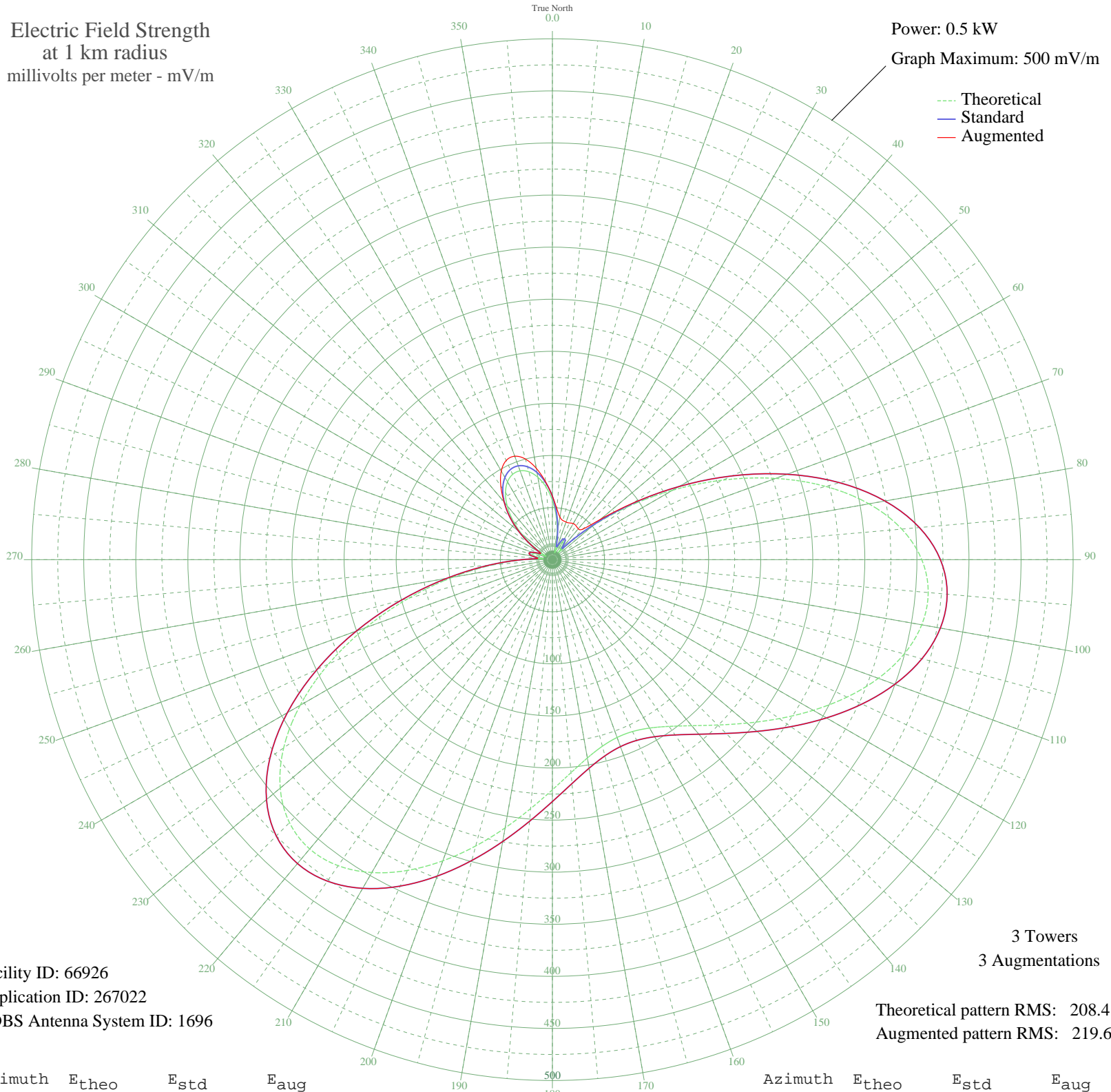


WWBF BARTOW, FL BL-19980518AB 1130 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 66926
Application ID: 267022
CDBS Antenna System ID: 1696

3 Towers
3 Augmentations

Theoretical pattern RMS: 208.41
Augmented pattern RMS: 219.67

Azimuth	E _{theo}	E _{std}	E _{aug}
0	56.91	60.67	60.94
5	41.84	45.17	49.02
10	25.98	29.23	41.53
15	11.46	15.97	38.89
20	8.08	13.50	38.46
25	15.92	19.74	38.88
30	19.84	23.33	40.00
35	17.02	20.73	39.62
40	9.12	14.21	38.66
45	20.93	24.35	41.62
50	50.50	54.05	60.16
55	88.90	93.93	95.13
60	133.36	140.42	140.43
65	180.89	190.22	190.22
70	228.12	239.75	239.75
75	271.69	285.47	285.47
80	308.65	324.25	324.25
85	336.74	353.73	353.73
90	354.69	372.57	372.57
95	362.25	380.50	380.50
100	360.11	378.26	378.26
105	349.73	367.37	367.37
110	333.05	349.86	349.86
115	312.18	327.96	327.96
120	289.22	303.86	303.86
125	266.00	279.49	279.49
130	244.03	256.45	256.45
135	224.47	235.92	235.92
140	208.08	218.74	218.74
145	195.38	205.42	205.42
150	186.66	196.27	196.27
155	182.06	191.45	191.45
160	181.64	191.01	191.01
165	185.41	194.96	194.96
170	193.31	203.25	203.25
175	205.23	215.75	215.75

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	220.91	232.20	232.20
185	239.90	252.11	252.11
190	261.46	274.74	274.74
195	284.54	298.95	298.95
200	307.69	323.25	323.25
205	329.14	345.76	345.76
210	346.83	364.33	364.33
215	358.64	376.71	376.71
220	362.56	380.83	380.83
225	357.02	375.02	375.02
230	341.17	358.38	358.38
235	315.03	330.95	330.95
240	279.70	293.87	293.87
245	237.23	249.31	249.31
250	190.47	200.26	200.26
255	142.73	150.23	150.23
260	97.40	102.81	102.81
265	57.57	61.35	61.35
270	25.96	29.21	29.21
275	8.83	14.01	14.01
280	15.61	19.46	19.46
285	19.86	23.34	23.34
290	17.17	20.86	20.86
295	9.60	14.55	14.55
300	9.21	14.28	14.28
305	22.86	26.20	26.20
310	38.68	41.95	41.95
315	54.02	57.68	57.68
320	67.59	71.74	72.09
325	78.52	83.11	86.38
330	86.23	91.15	98.17
335	90.36	95.46	105.03
340	90.74	95.85	105.68
345	87.35	92.32	99.99
350	80.33	85.00	89.03
355	70.01	74.26	75.00