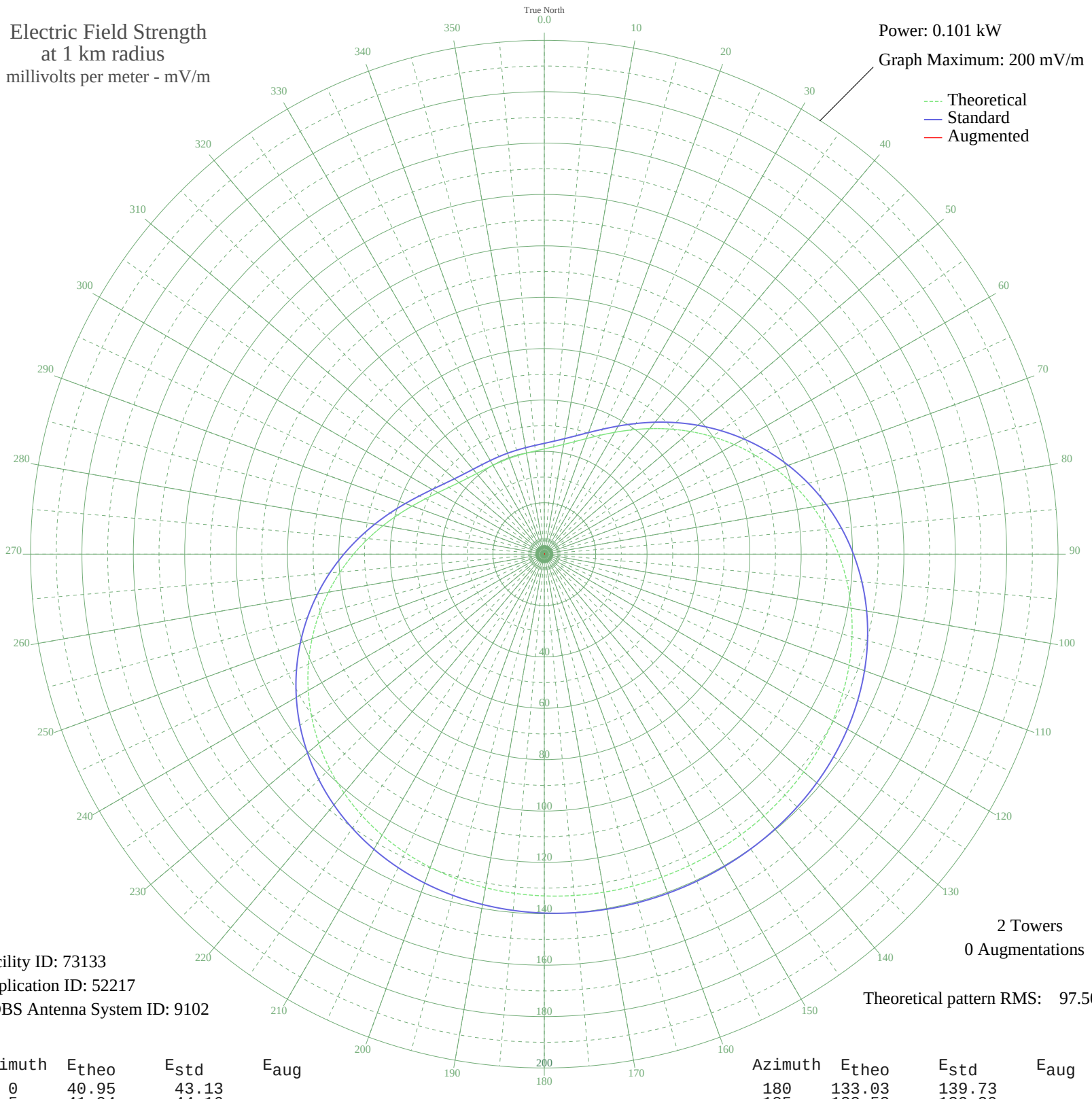
WJEM VALDOSTA, GA BL-19830202AD 1150 kHz

Nighttime

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



Power: 0.101 kW

Graph Maximum: 200 mV/m

Theoretical
Standard
Augmented

Facility ID: 73133
Application ID: 52217
CDBS Antenna System ID: 9102

2 Towers
0 Augmentations

Theoretical pattern RMS: 97.50

Azimuth	E_{theo}	E_{std}	E_{aug}
0	40.95	43.13	
5	41.94	44.16	
10	43.36	45.65	
15	45.32	47.70	
20	47.86	50.36	
25	51.00	53.66	
30	54.74	57.57	
35	59.02	62.06	
40	63.76	67.03	
45	68.87	72.39	
50	74.25	78.03	
55	79.78	83.83	
60	85.35	89.68	
65	90.86	95.46	
70	96.21	101.08	
75	101.32	106.44	
80	106.13	111.48	
85	110.56	116.14	
90	114.59	120.36	
95	118.17	124.13	
100	121.32	127.43	
105	124.02	130.27	
110	126.30	132.66	
115	128.19	134.64	
120	129.71	136.24	
125	130.91	137.50	
130	131.84	138.47	
135	132.53	139.20	
140	133.03	139.73	
145	133.38	140.09	
150	133.61	140.33	
155	133.74	140.46	
160	133.78	140.50	
165	133.74	140.46	
170	133.61	140.33	
175	133.38	140.09	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	133.03	139.73	
185	132.53	139.20	
190	131.84	138.47	
195	130.91	137.50	
200	129.71	136.24	
205	128.19	134.64	
210	126.30	132.66	
215	124.02	130.27	
220	121.32	127.43	
225	118.17	124.13	
230	114.59	120.36	
235	110.56	116.14	
240	106.13	111.48	
245	101.32	106.44	
250	96.21	101.08	
255	90.86	95.46	
260	85.35	89.68	
265	79.78	83.83	
270	74.25	78.03	
275	68.87	72.39	
280	63.76	67.03	
285	59.02	62.06	
290	54.74	57.57	
295	51.00	53.66	
300	47.86	50.36	
305	45.32	47.70	
310	43.36	45.65	
315	41.94	44.16	
320	40.95	43.13	
325	40.32	42.46	
330	39.94	42.07	
335	39.74	41.86	
340	39.68	41.80	
345	39.74	41.86	
350	39.94	42.07	
355	40.32	42.46	