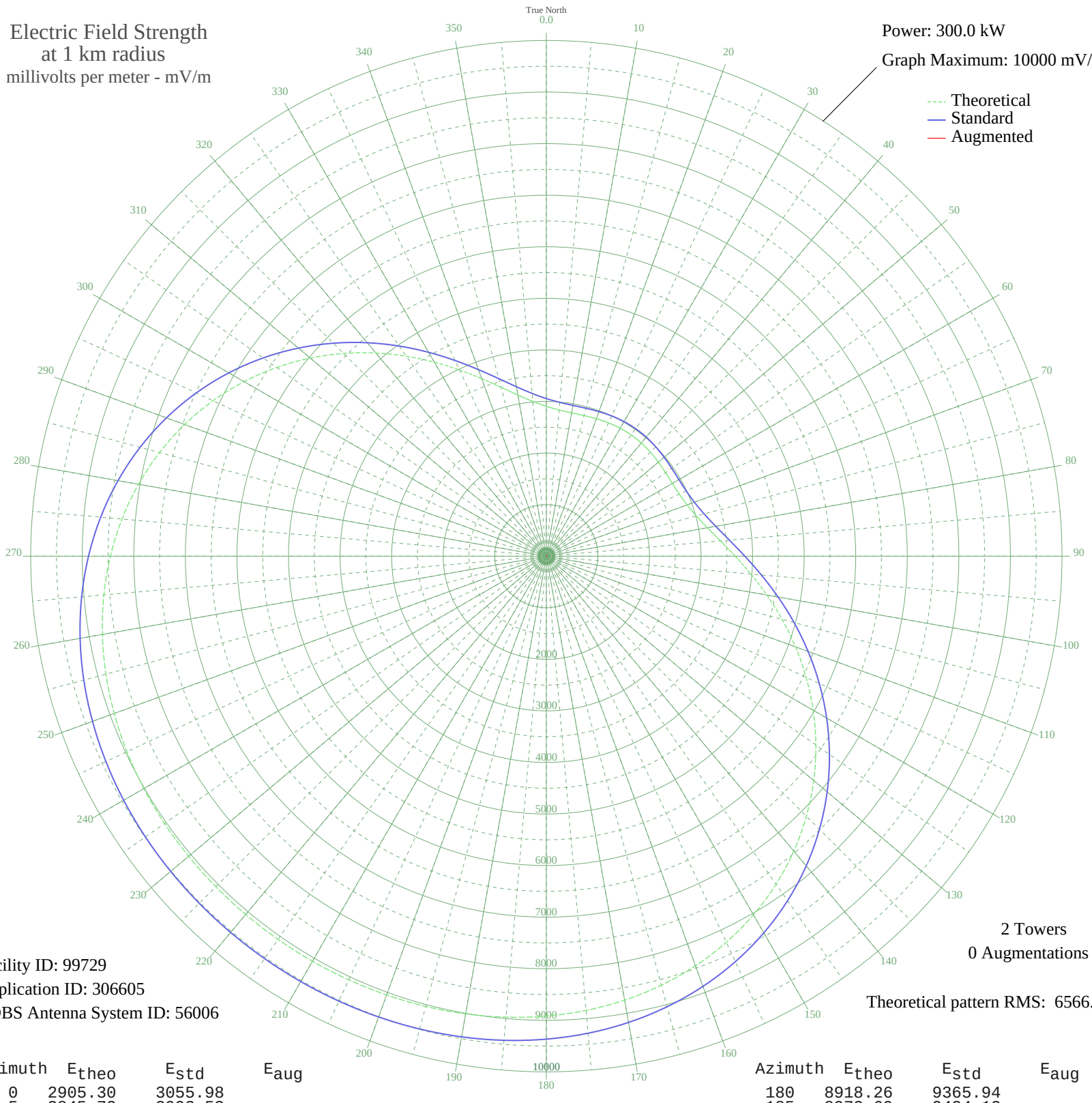
- MONTSERRAT, - Monserrat -- 740 kHz

Daytime

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



Power: 300.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 99729
Application ID: 306605
CDBS Antenna System ID: 56006

Theoretical pattern RMS: 6566.30

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2905.30	3055.98	
5	2845.72	2993.53	
10	2822.14	2968.83	
15	2822.57	2969.27	
20	2835.62	2982.95	
25	2851.84	2999.95	
30	2864.34	3013.05	
35	2868.96	3017.89	
40	2864.34	3013.05	
45	2851.84	2999.95	
50	2835.62	2982.95	
55	2822.57	2969.27	
60	2822.14	2968.83	
65	2845.72	2993.53	
70	2905.30	3055.98	
75	3011.63	3167.44	
80	3172.16	3335.73	
85	3389.63	3563.76	
90	3661.88	3849.27	
95	3982.72	4185.81	
100	4343.29	4564.08	
105	4733.34	4973.33	
110	5142.20	5402.37	
115	5559.45	5840.26	
120	5975.30	6276.70	
125	6380.87	6702.38	
130	6768.46	7109.21	
135	7131.60	7490.39	
140	7465.26	7840.63	
145	7765.80	8156.12	
150	8031.08	8434.59	
155	8260.30	8675.22	
160	8453.97	8878.53	
165	8613.72	9046.24	
170	8742.11	9181.02	
175	8842.38	9286.28	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	8918.26	9365.94	
185	8973.69	9424.13	
190	9012.59	9464.97	
195	9038.68	9492.36	
200	9055.26	9509.76	
205	9065.04	9520.03	
210	9070.07	9525.31	
215	9071.60	9526.92	
220	9070.07	9525.31	
225	9065.04	9520.03	
230	9055.26	9509.76	
235	9038.68	9492.36	
240	9012.59	9464.97	
245	8973.69	9424.13	
250	8918.26	9365.94	
255	8842.38	9286.28	
260	8742.11	9181.02	
265	8613.72	9046.24	
270	8453.97	8878.53	
275	8260.30	8675.22	
280	8031.08	8434.59	
285	7765.80	8156.12	
290	7465.26	7840.63	
295	7131.60	7490.39	
300	6768.46	7109.21	
305	6380.87	6702.38	
310	5975.30	6276.70	
315	5559.45	5840.26	
320	5142.20	5402.37	
325	4733.34	4973.33	
330	4343.29	4564.08	
335	3982.72	4185.81	
340	3661.88	3849.27	
345	3389.63	3563.76	
350	3172.16	3335.73	
355	3011.63	3167.44	

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