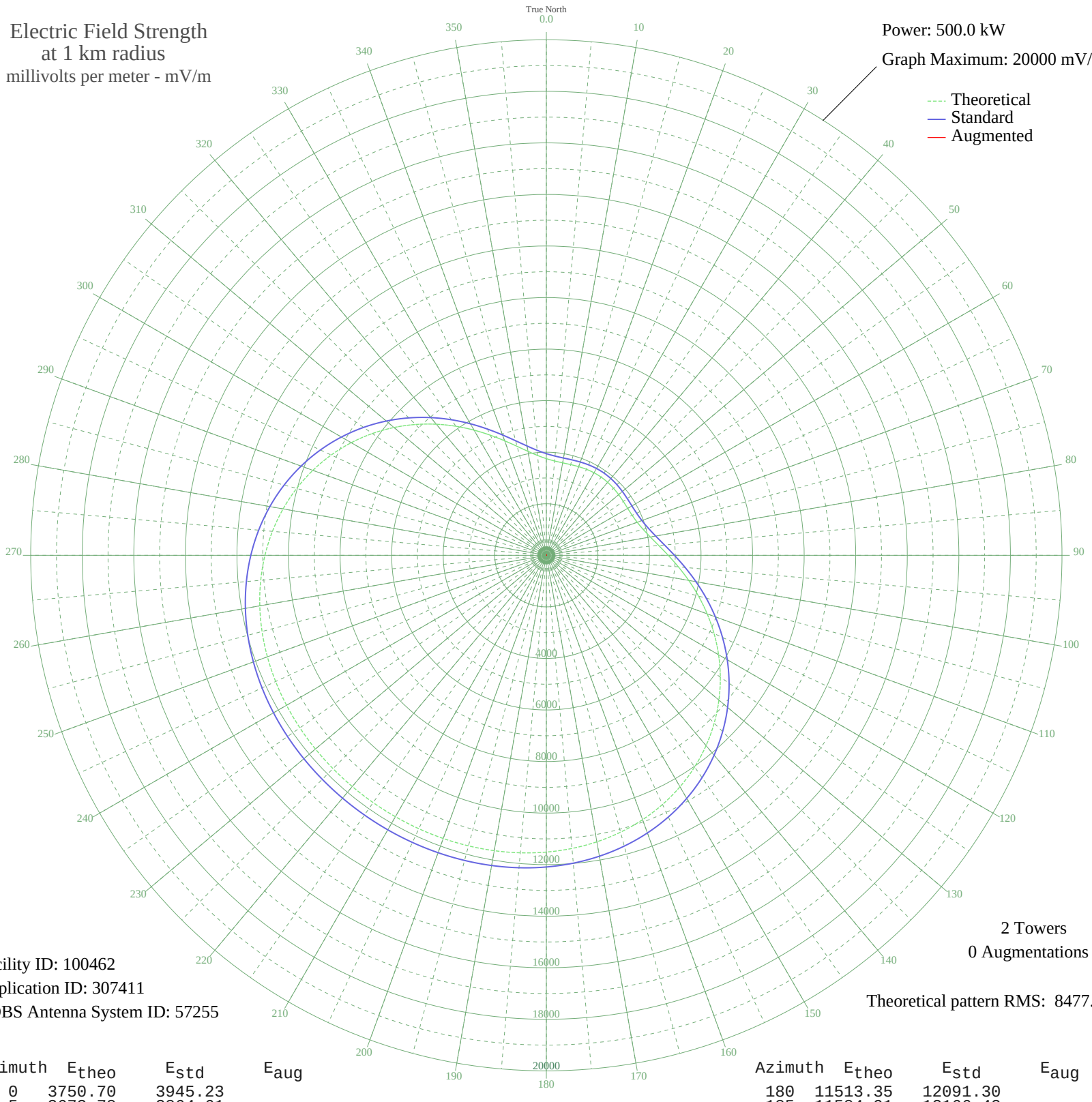
- MONTSERRAT, - Monserrat -- 930 kHz

Nighttime

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



Power: 500.0 kW

Graph Maximum: 20000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 100462
Application ID: 307411
CDBS Antenna System ID: 57255

Theoretical pattern RMS: 8477.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3750.70	3945.23	
5	3673.78	3864.61	
10	3643.35	3832.71	
15	3643.89	3833.28	
20	3660.74	3850.94	
25	3681.68	3872.89	
30	3697.82	3889.80	
35	3703.79	3896.06	
40	3697.82	3889.80	
45	3681.68	3872.89	
50	3660.74	3850.94	
55	3643.89	3833.29	
60	3643.35	3832.71	
65	3673.78	3864.61	
70	3750.70	3945.23	
75	3887.97	4089.12	
80	4095.22	4306.38	
85	4375.97	4600.76	
90	4727.44	4969.36	
95	5141.64	5403.82	
100	5607.12	5892.16	
105	6110.67	6420.50	
110	6638.51	6974.39	
115	7177.17	7539.69	
120	7714.02	8103.12	
125	8237.62	8652.68	
130	8737.98	9177.89	
135	9206.80	9669.99	
140	9637.54	10122.14	
145	10025.54	10529.44	
150	10368.01	10888.94	
155	10663.93	11199.59	
160	10913.96	11462.06	
165	11120.20	11678.57	
170	11285.94	11852.56	
175	11415.39	11988.46	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	11513.35	12091.30	
185	11584.91	12166.42	
190	11635.13	12219.14	
195	11668.81	12254.50	
200	11690.21	12276.96	
205	11702.83	12290.22	
210	11709.33	12297.03	
215	11711.31	12299.11	
220	11709.33	12297.03	
225	11702.83	12290.22	
230	11690.21	12276.96	
235	11668.81	12254.50	
240	11635.13	12219.14	
245	11584.91	12166.42	
250	11513.35	12091.30	
255	11415.39	11988.46	
260	11285.94	11852.56	
265	11120.20	11678.57	
270	10913.96	11462.06	
275	10663.93	11199.59	
280	10368.01	10888.94	
285	10025.54	10529.44	
290	9637.54	10122.14	
295	9206.80	9669.99	
300	8737.98	9177.89	
305	8237.62	8652.68	
310	7714.02	8103.12	
315	7177.17	7539.69	
320	6638.51	6974.39	
325	6110.67	6420.50	
330	5607.12	5892.16	
335	5141.64	5403.82	
340	4727.44	4969.36	
345	4375.97	4600.76	
350	4095.22	4306.38	
355	3887.97	4089.12	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission