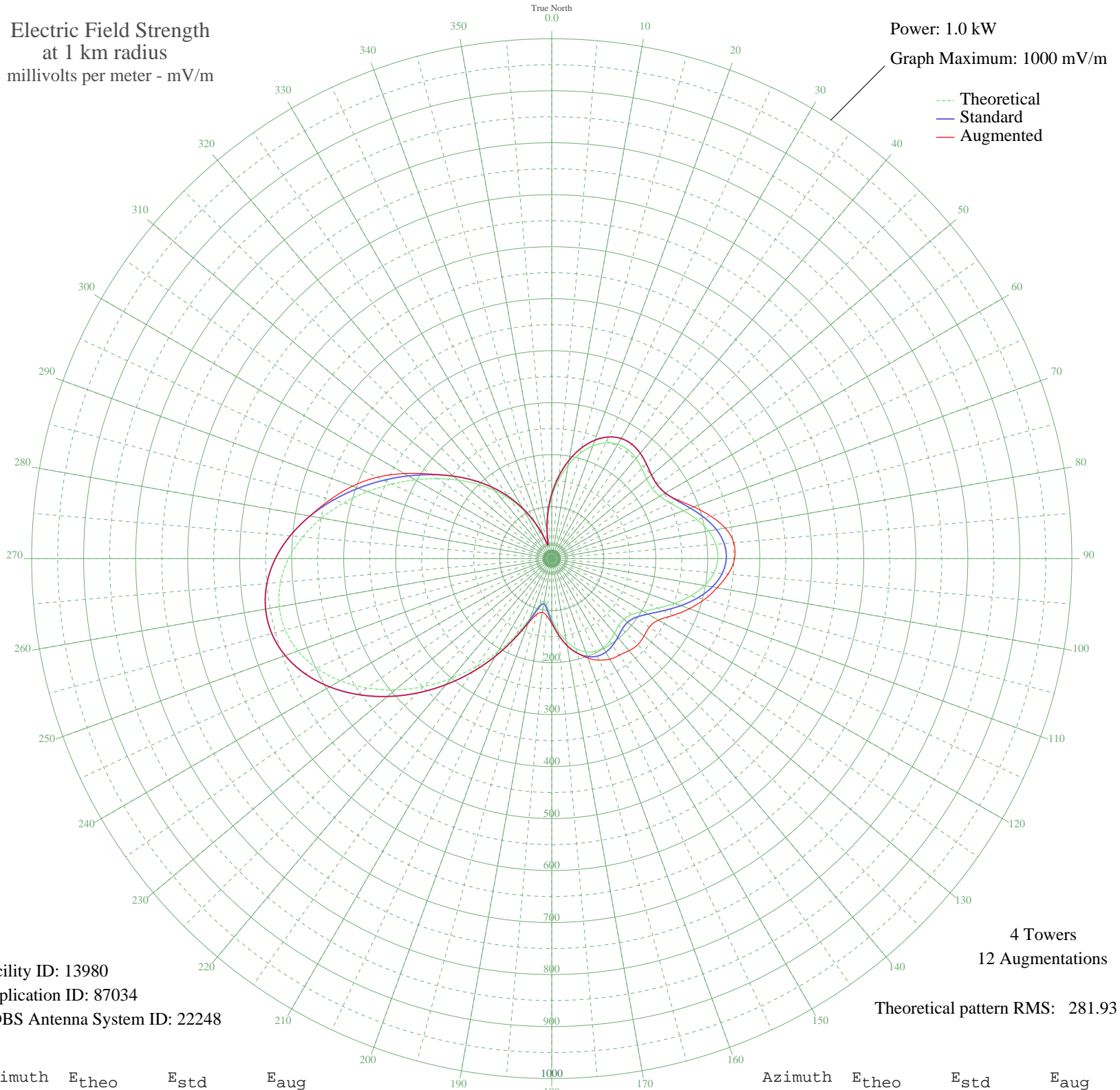


# WVOI MARCO ISLAND, FL BL-19860404AC 1480 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 13980  
Application ID: 87034  
CDBS Antenna System ID: 22248

4 Towers  
12 Augmentations  
Theoretical pattern RMS: 281.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	118.20	124.55	124.55
5	152.03	159.98	159.98
10	182.89	192.32	192.32
15	209.50	220.22	220.22
20	230.72	242.49	242.49
25	245.68	258.18	258.18
30	253.90	266.81	266.81
35	255.60	268.58	268.58
40	251.87	264.67	264.67
45	244.95	257.41	257.41
50	238.20	250.33	250.33
55	235.52	247.52	247.52
60	239.99	252.21	252.21
65	252.23	265.05	267.09
70	270.00	283.70	290.89
75	289.32	303.97	316.33
80	306.04	321.51	338.81
85	316.78	332.78	351.26
90	319.40	335.53	351.42
95	313.09	328.92	340.39
100	298.36	313.46	322.80
105	276.89	290.92	303.72
110	251.39	264.16	281.53
115	225.42	236.92	257.92
120	202.97	213.37	236.60
125	187.61	197.27	229.31
130	181.09	190.43	231.54
135	182.26	191.66	233.93
140	187.80	197.47	231.13
145	193.92	203.89	226.42
150	197.59	207.74	223.33
155	196.85	206.95	215.49
160	190.66	200.46	203.44
165	178.74	187.97	187.97
170	161.43	169.82	169.82
175	139.76	147.12	147.12

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	115.85	122.09	124.81
185	94.12	99.38	110.29
190	83.40	88.20	104.98
195	93.26	98.48	110.82
200	121.97	128.50	132.20
205	161.38	169.77	169.80
210	206.08	216.64	216.64
215	253.22	266.08	266.08
220	300.99	316.22	316.22
225	347.96	365.51	365.51
230	392.72	412.49	412.49
235	433.78	455.59	455.59
240	469.57	493.16	493.16
245	498.52	523.55	523.55
250	519.21	545.27	545.27
255	530.55	557.18	557.18
260	531.98	558.68	558.68
265	523.55	549.83	549.83
270	506.00	531.40	531.40
275	480.66	504.80	504.80
280	449.34	471.93	472.40
285	414.09	434.92	440.25
290	376.90	395.88	407.62
295	339.48	356.61	370.33
300	303.05	318.38	327.29
305	268.19	281.80	283.56
310	234.90	246.87	246.87
315	202.71	213.11	213.11
320	170.93	179.78	179.78
325	138.88	146.20	146.20
330	106.11	111.91	111.91
335	72.70	77.05	77.05
340	40.36	43.65	43.65
345	23.92	27.23	27.23
350	48.07	51.55	51.55
355	82.80	87.57	87.57