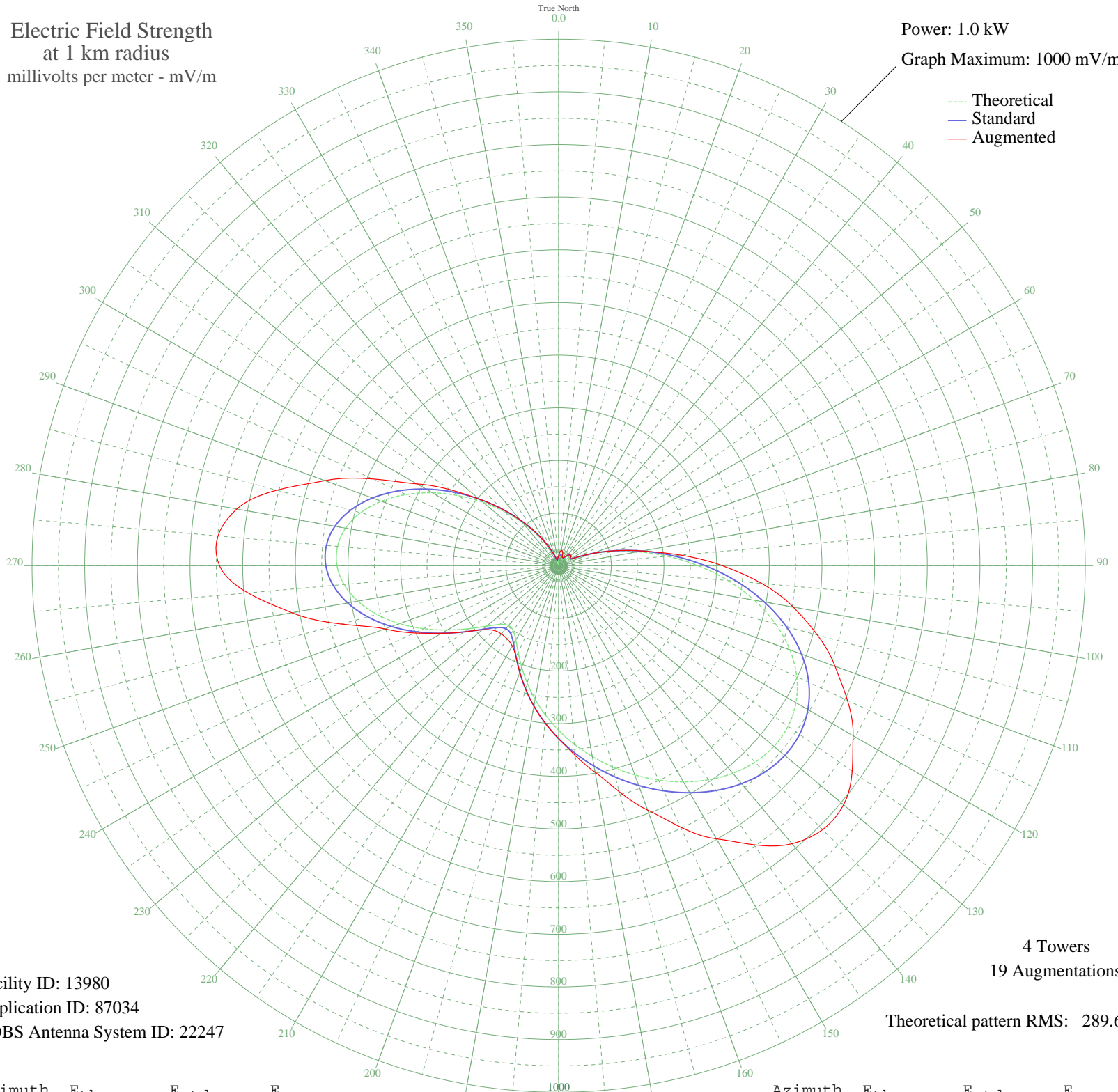


WVOI MARCO ISLAND, FL BL-19860404AC 1480 kHz

Daytime

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: 22247

4 Towers
19 Augmentations
Theoretical pattern RMS: 289.62

Azimuth	E _{theo}	E _{std}	E _{aug}
0	14.13	18.17	19.70
5	16.50	20.26	26.50
10	17.57	21.23	29.78
15	17.12	20.81	27.71
20	15.25	19.15	21.30
25	13.04	17.25	17.25
30	13.00	17.22	17.22
35	16.66	20.40	20.40
40	21.92	25.30	25.30
45	26.03	29.28	29.28
50	26.99	30.23	30.23
55	24.28	27.57	27.57
60	22.63	25.98	25.98
65	35.21	38.43	38.43
70	63.97	67.98	67.98
75	104.12	109.82	109.82
80	152.78	160.77	160.77
85	207.39	218.02	232.25
90	265.09	278.54	311.15
95	322.79	339.09	387.34
100	377.45	396.46	452.36
105	426.36	447.80	508.79
110	467.33	490.81	558.61
115	498.90	523.95	605.19
120	520.37	546.49	645.60
125	531.78	558.47	680.41
130	533.81	560.60	706.35
135	527.59	554.07	708.89
140	514.55	540.38	689.23
145	496.19	521.11	647.02
150	473.97	497.78	599.03
155	449.16	471.74	547.80
160	422.77	444.04	493.81
165	395.55	415.46	444.28
170	367.96	386.50	398.25
175	340.25	357.42	361.69

Azimuth	E _{theo}	E _{std}	E _{aug}
180	312.55	328.35	328.35
185	284.94	299.37	299.37
190	257.54	270.62	270.62
195	230.70	242.46	242.46
200	205.05	215.55	215.55
205	181.73	191.11	191.39
210	162.61	171.07	176.11
215	150.40	158.27	170.02
220	148.15	155.91	169.18
225	157.73	165.95	173.82
230	178.64	187.86	189.37
235	208.45	219.13	219.13
240	244.18	256.61	256.61
245	282.84	297.16	302.21
250	321.47	337.71	350.90
255	357.19	375.20	427.67
260	387.21	406.71	514.35
265	409.09	429.67	592.31
270	420.92	442.09	644.06
275	421.55	442.76	649.41
280	410.74	431.41	620.65
285	389.12	408.72	554.24
290	358.16	376.22	472.50
295	319.96	336.12	390.06
300	276.99	291.03	310.85
305	231.91	243.73	251.75
310	187.20	196.84	196.84
315	145.05	152.67	152.67
320	107.17	113.02	113.02
325	74.70	79.13	79.13
330	48.18	51.66	51.66
335	27.60	30.83	30.83
340	12.46	16.77	16.77
345	1.92	10.69	10.69
350	5.54	12.01	12.01
355	10.56	15.27	15.27

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