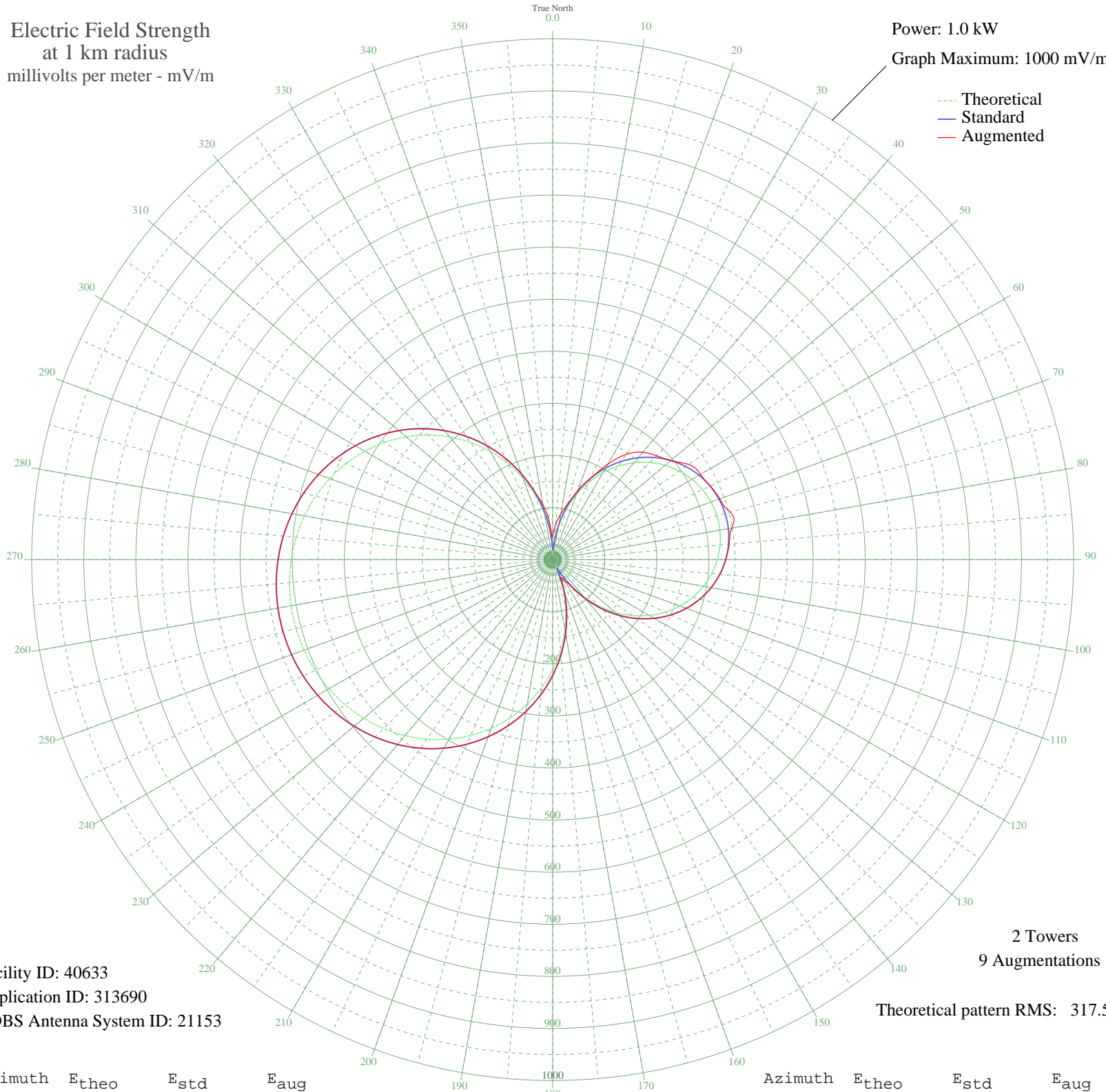


# KMYC MARYSVILLE, CA BL-- 1410 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 40633  
Application ID: 313690  
CDBS Antenna System ID: 21153

2 Towers  
9 Augmentations

Theoretical pattern RMS: 317.59

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	15.69	21.42	45.46
5	28.73	33.13	67.41
10	64.26	68.85	89.09
15	99.19	105.05	110.52
20	132.49	139.79	139.79
25	163.76	172.49	172.84
30	192.71	202.81	211.64
35	219.13	230.49	246.94
40	242.85	255.36	269.24
45	263.74	277.27	282.07
50	281.71	296.11	296.11
55	296.70	311.83	318.53
60	308.66	324.38	327.63
65	317.56	333.72	333.88
70	323.41	339.85	341.37
75	326.17	342.76	352.82
80	325.87	342.43	348.94
85	322.48	338.88	340.07
90	316.03	332.11	332.15
95	306.51	322.13	322.13
100	293.94	308.94	308.94
105	278.36	292.59	292.59
110	259.79	273.13	273.13
115	238.33	250.62	250.62
120	214.05	225.17	225.17
125	187.11	196.95	196.95
130	157.68	166.13	166.13
135	125.99	132.99	132.99
140	92.32	97.90	97.90
145	57.14	61.54	64.23
150	21.98	26.84	50.35
155	21.87	26.74	37.19
160	58.70	63.13	63.63
165	97.25	103.03	103.03
170	135.89	143.34	143.34
175	174.05	183.26	183.26

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	211.30	222.28	222.28
185	247.26	259.98	259.98
190	281.60	295.99	295.99
195	314.03	330.02	330.02
200	344.33	361.80	361.80
205	372.28	391.14	391.14
210	397.77	417.88	417.88
215	420.68	441.93	441.93
220	440.97	463.22	463.22
225	458.61	481.74	481.74
230	473.61	497.48	497.48
235	485.99	510.48	510.48
240	495.79	520.75	520.75
245	503.03	528.36	528.36
250	507.75	533.32	533.32
255	509.99	535.66	535.66
260	509.74	535.40	535.40
265	507.01	532.53	532.53
270	501.78	527.05	527.05
275	494.03	518.91	518.91
280	483.73	508.10	508.10
285	470.82	494.56	494.56
290	455.30	478.26	478.26
295	437.13	459.19	459.19
300	416.31	437.34	437.34
305	392.88	412.75	412.75
310	366.89	385.47	385.47
315	338.45	355.63	355.63
320	307.71	323.39	323.39
325	274.87	288.94	288.94
330	240.18	252.56	252.56
335	203.94	214.57	214.57
340	166.48	175.34	175.34
345	128.19	135.29	135.49
350	89.51	94.98	106.68
355	51.07	55.35	73.27