

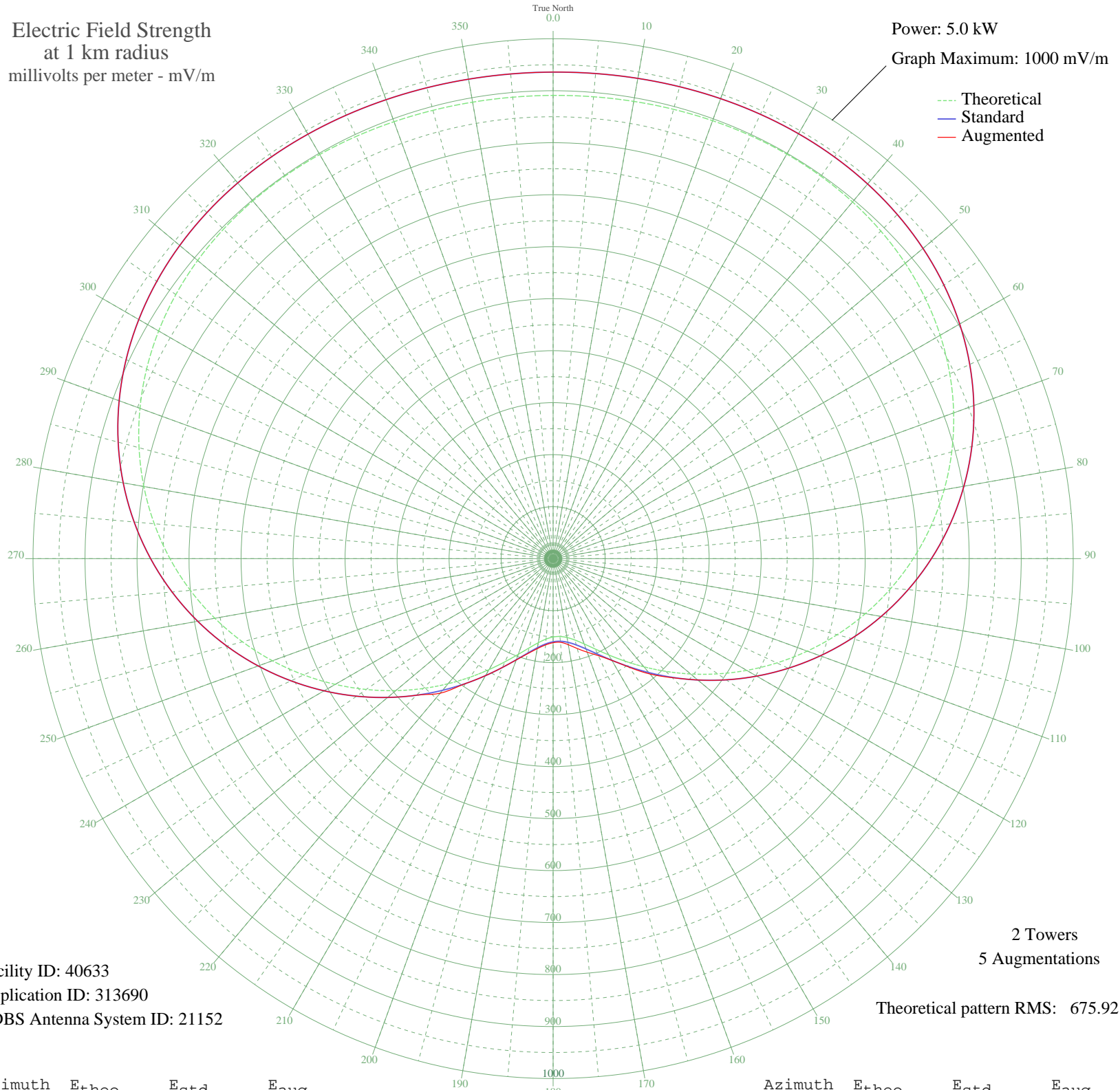
KMYC MARYSVILLE, CA BL-- 1410 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 40633
Application ID: 313690
CDBS Antenna System ID: 21152

2 Towers
5 Augmentations
Theoretical pattern RMS: 675.92

Azimuth	E _{theo}	E _{std}	E _{aug}
0	891.02	935.87	935.87
5	891.76	936.64	936.64
10	893.06	938.00	938.00
15	894.71	939.73	939.73
20	896.42	941.53	941.53
25	897.83	943.01	943.01
30	898.49	943.71	943.71
35	897.94	943.13	943.13
40	895.65	940.73	940.73
45	891.12	935.97	935.97
50	883.85	928.34	928.34
55	873.39	917.36	917.36
60	859.36	902.64	902.64
65	841.47	883.86	883.86
70	819.54	860.84	860.84
75	793.51	833.52	833.52
80	763.48	802.00	802.00
85	729.65	766.50	766.50
90	692.39	727.39	727.39
95	652.18	685.19	685.19
100	609.59	640.50	640.50
105	565.31	594.04	594.04
110	520.08	546.58	546.58
115	474.66	498.94	498.94
120	429.84	451.95	451.95
125	386.42	406.42	406.42
130	345.11	363.13	363.13
135	306.64	322.82	323.79
140	271.60	286.14	289.68
145	240.54	253.65	254.89
150	213.87	225.78	226.06
155	191.86	202.82	205.90
160	174.62	184.85	191.43
165	162.08	171.80	178.91
170	154.06	163.46	168.03
175	150.32	159.58	161.56

Azimuth	E _{theo}	E _{std}	E _{aug}
180	150.74	160.01	161.73
185	155.32	164.76	166.59
190	164.22	174.03	175.86
195	177.69	188.04	189.32
200	195.88	207.01	207.32
205	218.83	230.97	230.97
210	246.41	259.79	259.79
215	278.30	293.16	293.16
220	314.07	330.61	337.96
225	353.17	371.57	371.57
230	394.95	415.37	415.37
235	438.72	461.26	461.26
240	483.72	508.45	508.45
245	529.16	556.12	556.12
250	574.27	603.44	603.44
255	618.27	649.61	649.61
260	660.43	693.85	693.85
265	700.10	735.48	735.48
270	736.71	773.90	773.90
275	769.80	808.63	808.63
280	799.05	839.33	839.33
285	824.25	865.79	865.79
290	845.37	887.95	887.95
295	862.47	905.90	905.90
300	875.76	919.85	919.85
305	885.55	930.12	930.12
310	892.23	937.14	937.14
315	896.27	941.38	941.38
320	898.17	943.37	943.37
325	898.44	943.66	943.66
330	897.59	942.76	942.76
335	896.09	941.19	941.19
340	894.36	939.37	939.37
345	892.76	937.69	937.69
350	891.56	936.44	936.44
355	890.95	935.80	935.80

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