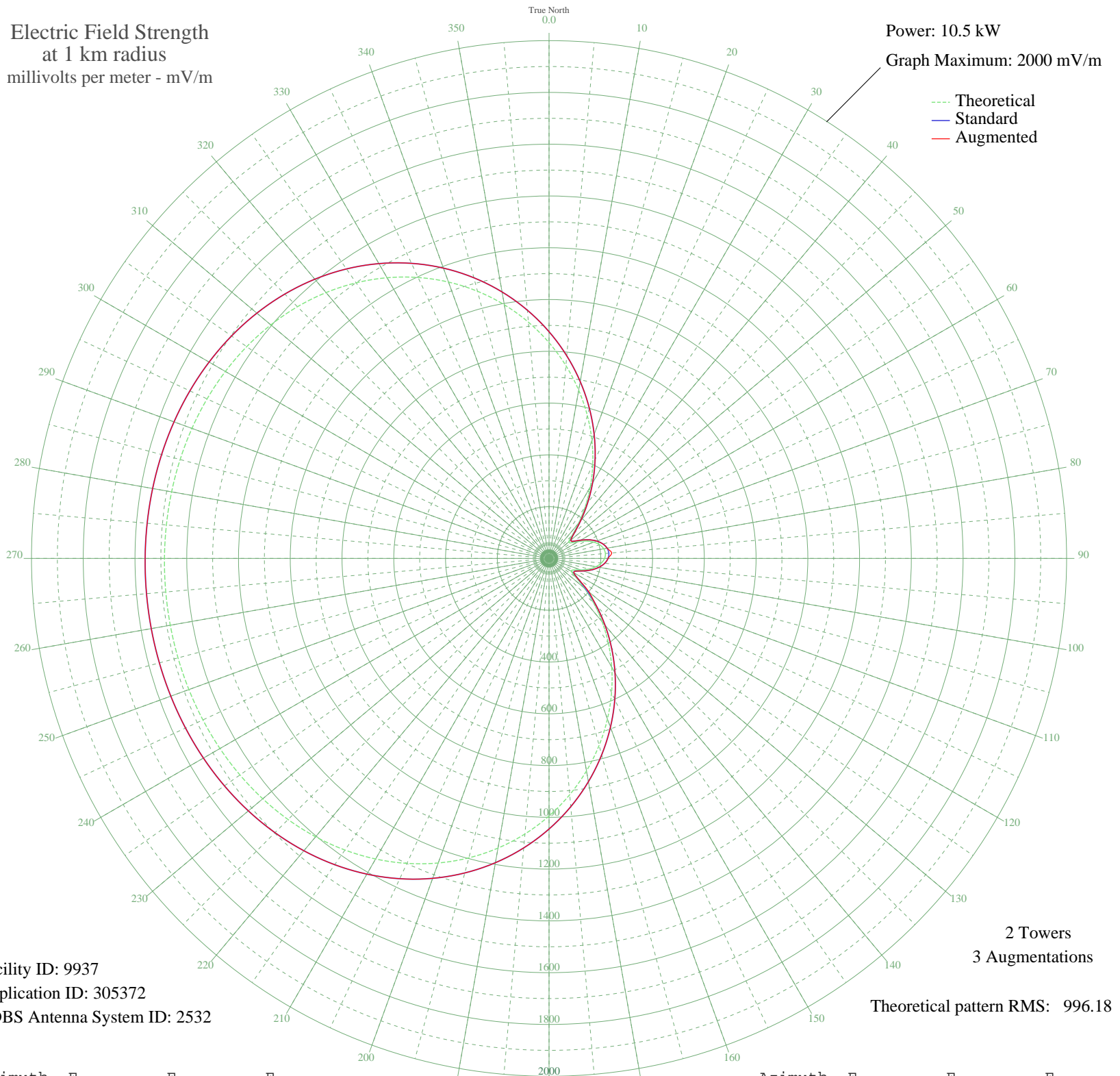


KMMJ GRAND ISLAND, NE BL-- 750 kHz

Unlimited Time

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

Power: 10.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 9937
Application ID: 305372
CDBS Antenna System ID: 2532

2 Towers
3 Augmentations
Theoretical pattern RMS: 996.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	833.38	875.71	875.71
5	747.52	785.63	785.63
10	659.84	693.66	693.66
15	571.66	601.21	601.21
20	484.39	509.75	509.75
25	399.51	420.87	420.87
30	318.64	336.29	336.29
35	243.71	258.15	258.15
40	177.65	189.61	189.61
45	125.98	136.59	136.59
50	99.51	109.88	109.88
55	105.36	115.74	115.74
60	130.27	140.95	140.95
65	158.78	170.16	170.16
70	183.90	196.07	196.07
75	202.89	215.73	215.73
80	214.61	227.90	227.90
85	218.56	232.00	243.01
90	214.61	227.90	227.90
95	202.89	215.73	215.73
100	183.90	196.07	196.07
105	158.78	170.16	170.16
110	130.27	140.95	140.95
115	105.36	115.74	115.81
120	99.51	109.88	110.63
125	125.98	136.59	136.59
130	177.65	189.61	201.17
135	243.71	258.15	258.15
140	318.64	336.29	336.29
145	399.51	420.87	420.87
150	484.39	509.75	509.75
155	571.66	601.21	601.21
160	659.84	693.66	693.66
165	747.52	785.63	785.63
170	833.38	875.71	875.71
175	916.18	962.59	962.59

Azimuth	E _{theo}	E _{std}	E _{aug}
180	994.83	1045.12	1045.12
185	1068.37	1122.30	1122.30
190	1136.06	1193.34	1193.34
195	1197.34	1257.66	1257.66
200	1251.88	1314.92	1314.92
205	1299.57	1364.98	1364.98
210	1340.51	1407.95	1407.95
215	1374.96	1444.11	1444.11
220	1403.36	1473.92	1473.92
225	1426.25	1497.95	1497.95
230	1444.28	1516.88	1516.88
235	1458.12	1531.41	1531.41
240	1468.44	1542.24	1542.24
245	1475.89	1550.06	1550.06
250	1481.03	1555.46	1555.46
255	1484.35	1558.93	1558.93
260	1486.19	1560.87	1560.87
265	1486.78	1561.49	1561.49
270	1486.19	1560.87	1560.87
275	1484.35	1558.93	1558.93
280	1481.03	1555.46	1555.46
285	1475.89	1550.06	1550.06
290	1468.44	1542.24	1542.24
295	1458.12	1531.41	1531.41
300	1444.28	1516.88	1516.88
305	1426.25	1497.95	1497.95
310	1403.36	1473.92	1473.92
315	1374.96	1444.11	1444.11
320	1340.51	1407.94	1407.94
325	1299.57	1364.98	1364.98
330	1251.88	1314.92	1314.92
335	1197.34	1257.66	1257.66
340	1136.06	1193.34	1193.34
345	1068.37	1122.30	1122.30
350	994.83	1045.12	1045.12
355	916.18	962.59	962.59

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission