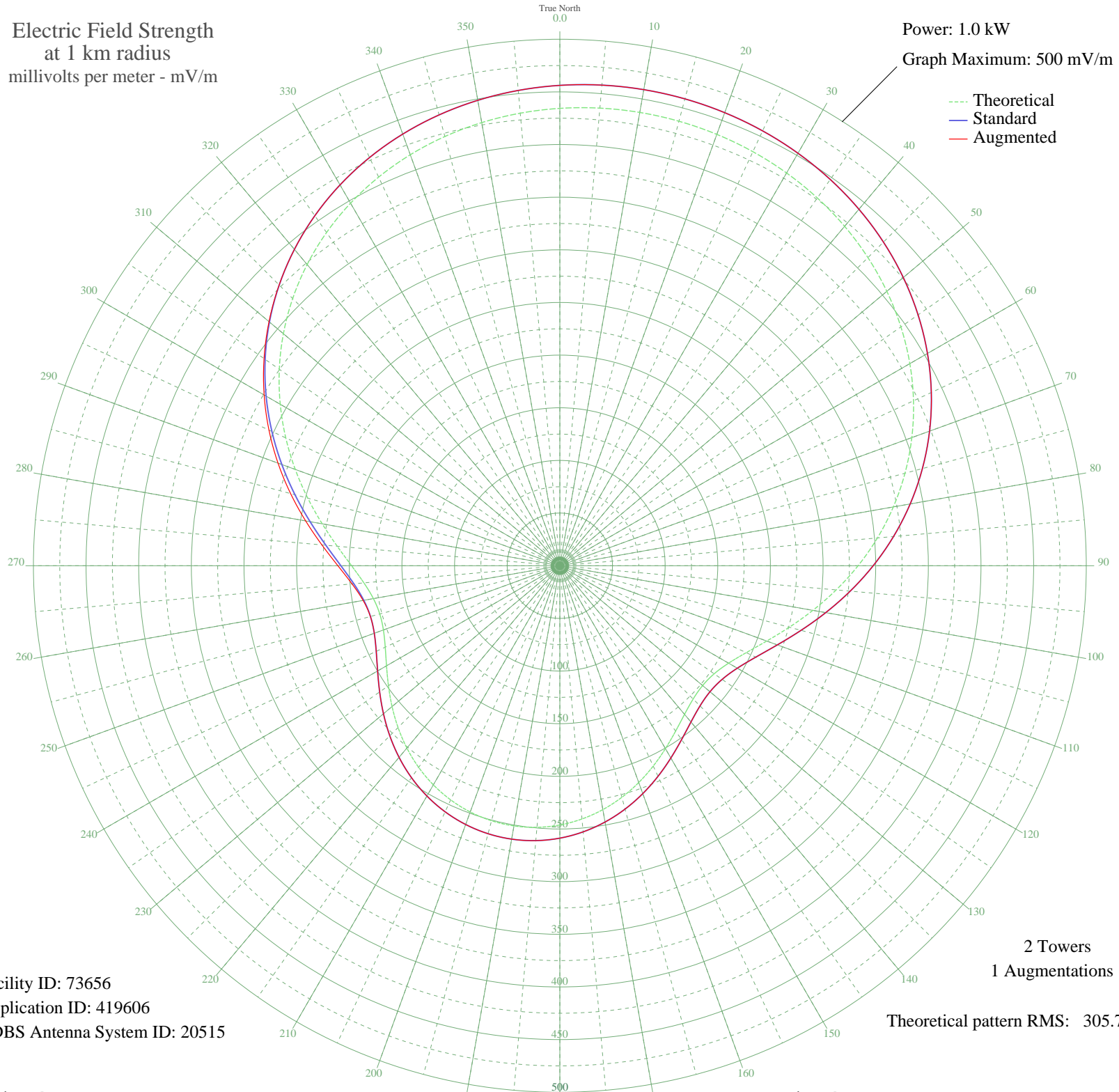


# KSUM FAIRMONT, MN BL-19790126AH 1370 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 73656  
Application ID: 419606  
CDBS Antenna System ID: 20515

2 Towers  
1 Augmentations

Theoretical pattern RMS: 305.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	434.36	456.19	456.19
5	436.24	458.17	458.17
10	437.12	459.10	459.10
15	437.03	459.00	459.00
20	435.95	457.86	457.86
25	433.85	455.67	455.67
30	430.69	452.34	452.34
35	426.36	447.80	447.80
40	420.78	441.94	441.94
45	413.84	434.65	434.65
50	405.42	425.82	425.82
55	395.45	415.36	415.36
60	383.86	403.19	403.19
65	370.62	389.29	389.29
70	355.76	373.70	373.70
75	339.38	356.50	356.50
80	321.64	337.89	337.89
85	302.82	318.13	318.13
90	283.27	297.62	297.62
95	263.47	276.84	276.84
100	244.02	256.43	256.43
105	225.62	237.14	237.14
110	209.11	219.81	219.81
115	195.33	205.36	205.36
120	185.08	194.62	194.62
125	178.93	188.17	188.17
130	177.02	186.17	186.17
135	179.03	188.27	188.27
140	184.24	193.74	193.74
145	191.73	201.59	201.59
150	200.56	210.85	210.85
155	209.90	220.65	220.65
160	219.11	230.30	230.30
165	227.66	239.27	239.27
170	235.18	247.17	247.17
175	241.42	253.71	253.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	246.19	258.71	258.71
185	249.37	262.05	262.05
190	250.89	263.64	263.64
195	250.72	263.47	263.47
200	248.86	261.52	261.52
205	245.36	257.84	257.84
210	240.29	252.52	252.52
215	233.77	245.69	245.69
220	226.02	237.55	237.55
225	217.30	228.41	228.41
230	208.03	218.68	218.68
235	198.72	208.92	208.92
240	190.09	199.88	199.88
245	182.99	192.42	192.42
250	178.34	187.56	187.56
255	177.07	186.22	186.27
260	179.82	189.10	189.74
265	186.82	196.44	198.12
270	197.83	207.98	210.82
275	212.22	223.08	226.86
280	229.18	240.87	245.16
285	247.85	260.45	264.76
290	267.42	280.99	284.85
295	287.22	301.76	304.85
300	306.65	322.16	324.33
305	325.29	341.71	342.98
310	342.77	360.06	360.60
315	358.86	376.95	377.06
320	373.40	392.21	392.21
325	386.31	405.76	405.76
330	397.57	417.59	417.59
335	407.23	427.72	427.72
340	415.34	436.23	436.23
345	422.00	443.23	443.23
350	427.32	448.81	448.81
355	431.41	453.10	453.10

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