

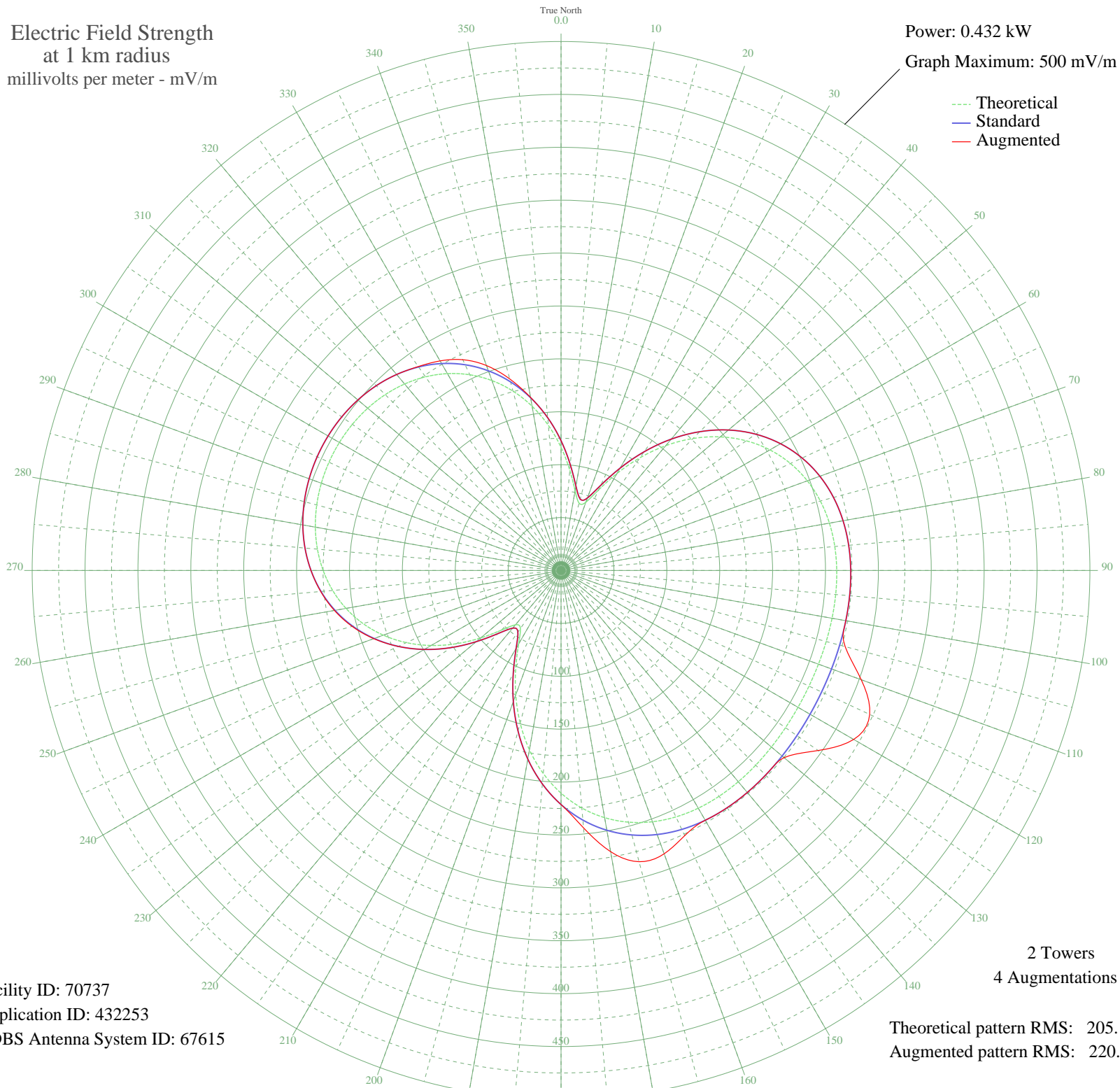
KLOH PIPESTONE, MN BL-19991129AAU 1050 kHz

Nighttime

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

Power: 0.432 kW

Graph Maximum: 500 mV/m



Facility ID: 70737  
Application ID: 432253  
CDBS Antenna System ID: 67615

Theoretical pattern RMS: 205.16  
Augmented pattern RMS: 220.26

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	116.38	122.65	122.65
5	95.05	100.35	100.35
10	76.48	80.99	80.99
15	65.87	69.95	69.95
20	68.72	72.91	72.91
25	84.01	88.84	88.84
30	105.94	111.73	111.73
35	130.08	136.98	136.98
40	154.02	162.06	162.06
45	176.41	185.53	185.53
50	196.46	206.55	206.55
55	213.71	224.65	224.65
60	227.99	239.62	239.62
65	239.29	251.48	251.48
70	247.79	260.39	260.39
75	253.78	266.68	266.68
80	257.64	270.72	270.72
85	259.78	272.97	272.97
90	260.64	273.87	273.87
95	260.64	273.87	273.87
100	260.16	273.37	273.37
105	259.51	272.69	278.09
110	258.96	272.11	302.04
115	258.66	271.79	321.94
120	258.69	271.83	319.44
125	259.05	272.21	296.70
130	259.64	272.83	275.28
135	260.28	273.49	273.49
140	260.69	273.92	273.92
145	260.55	273.78	273.78
150	259.47	272.64	272.64
155	257.02	270.07	276.58
160	252.77	265.62	285.00
165	246.30	258.83	285.00
170	237.26	249.35	269.90
175	225.37	236.88	244.27

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	210.50	221.27	221.27
185	192.66	202.57	202.57
190	172.10	181.01	181.01
195	149.32	157.14	157.14
200	125.21	131.89	131.89
205	101.27	106.85	106.85
210	80.24	84.90	84.90
215	67.00	71.13	71.13
220	67.04	71.17	71.17
225	79.76	84.41	84.41
230	99.21	104.70	104.70
235	120.71	127.18	127.18
240	141.83	149.29	149.29
245	161.39	169.78	169.86
250	178.80	188.03	188.42
255	193.82	203.79	204.40
260	206.43	217.01	217.55
265	216.73	227.81	228.07
270	224.91	236.39	236.42
275	231.21	243.00	243.00
280	235.88	247.89	247.89
285	239.13	251.30	251.30
290	241.15	253.43	253.43
295	242.08	254.40	254.40
300	241.98	254.30	254.30
305	240.84	253.10	253.10
310	238.58	250.73	250.73
315	235.06	247.04	247.04
320	230.09	241.82	241.82
325	223.44	234.84	235.33
330	214.85	225.83	228.73
335	204.10	214.56	219.82
340	191.01	200.84	206.14
345	175.50	184.58	187.45
350	157.64	165.85	166.16
355	137.70	144.97	144.97