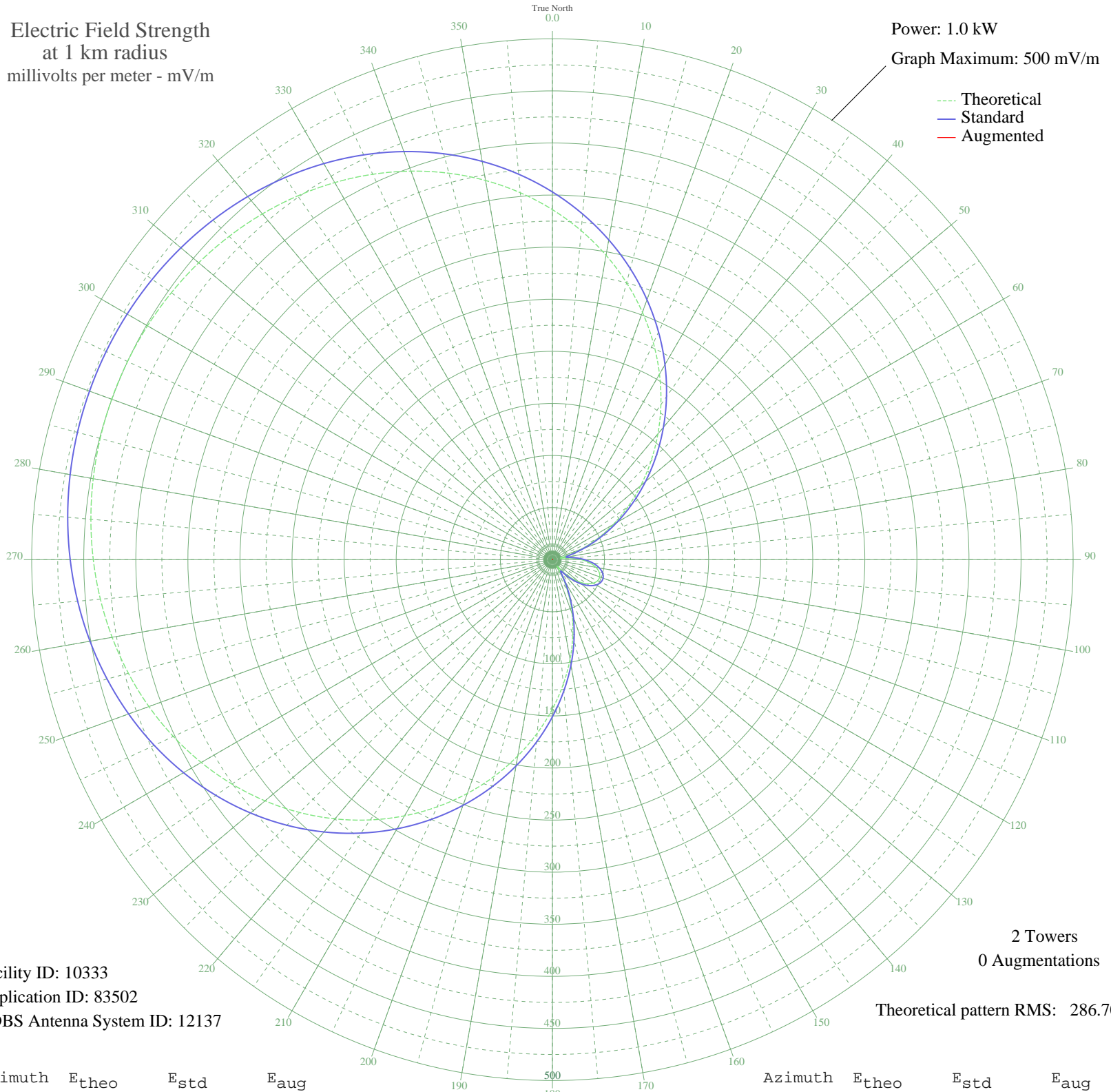


# KHAT LARAMIE, WY BL-19851118AG 1210 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 10333  
Application ID: 83502  
CDBS Antenna System ID: 12137

2 Towers  
0 Augmentations

Theoretical pattern RMS: 286.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	336.05	353.00	
5	317.05	333.06	
10	296.71	311.73	
15	275.20	289.16	
20	252.71	265.55	
25	229.45	241.15	
30	205.67	216.21	
35	181.63	191.00	
40	157.62	165.84	
45	133.91	141.00	
50	110.79	116.80	
55	88.53	93.54	
60	67.38	71.53	
65	47.63	51.10	
70	29.60	32.80	
75	14.11	18.16	
80	8.16	13.55	
85	17.59	21.25	
90	27.73	30.96	
95	36.12	39.35	
100	42.41	45.75	
105	46.49	49.94	
110	48.32	51.81	
115	47.86	51.34	
120	45.13	48.54	
125	40.16	43.45	
130	33.01	36.21	
135	23.85	27.16	
140	13.34	17.50	
145	8.08	13.50	
150	19.87	23.36	
155	36.57	39.81	
160	55.34	59.05	
165	75.69	80.16	
170	97.31	102.72	
175	119.95	126.39	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	143.34	150.88	
185	167.21	175.88	
190	191.26	201.10	
195	215.22	226.23	
200	238.83	250.99	
205	261.81	275.10	
210	283.94	298.32	
215	305.00	320.42	
220	324.81	341.22	
225	343.24	360.56	
230	360.19	378.34	
235	375.58	394.50	
240	389.38	408.99	
245	401.61	421.83	
250	412.30	433.04	
255	421.49	442.69	
260	429.26	450.84	
265	435.69	457.59	
270	440.85	463.02	
275	444.84	467.20	
280	447.72	470.22	
285	449.54	472.13	
290	450.34	472.97	
295	450.14	472.76	
300	448.94	471.50	
305	446.70	469.15	
310	443.38	465.67	
315	438.93	461.00	
320	433.27	455.05	
325	426.31	447.75	
330	417.99	439.01	
335	408.21	428.75	
340	396.91	416.89	
345	384.05	403.39	
350	369.61	388.23	
355	353.59	371.42	

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