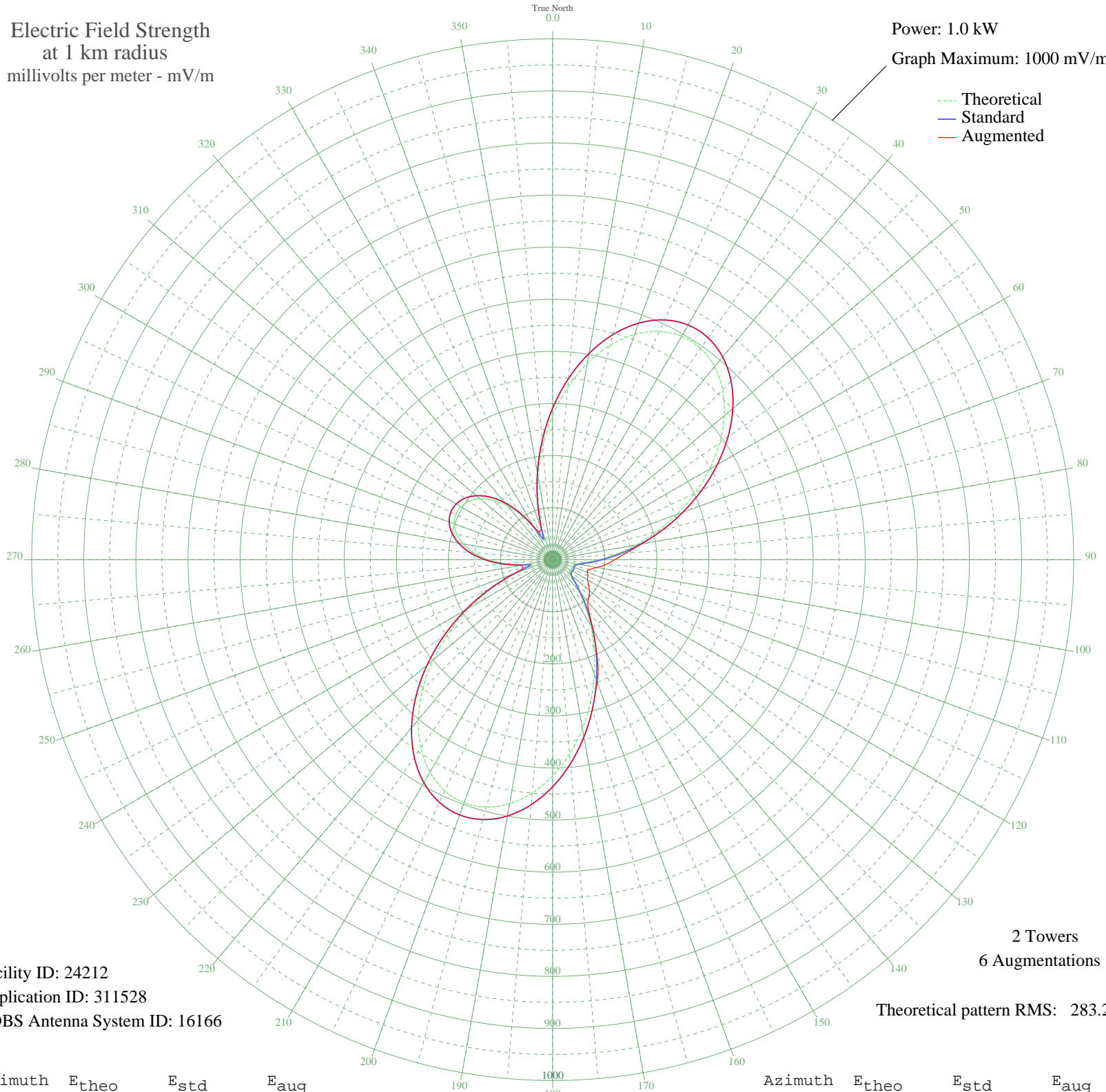


# KIML GILLETTE, WY BL-- 1270 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 24212  
Application ID: 311528  
CDBS Antenna System ID: 16166

2 Towers  
6 Augmentations  
Theoretical pattern RMS: 283.24

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	276.68	290.70	290.70
5	332.22	348.99	348.99
10	382.74	402.01	402.01
15	426.01	447.43	447.43
20	460.09	483.21	483.21
25	483.49	507.78	507.78
30	495.28	520.15	520.15
35	495.16	520.03	520.03
40	483.48	507.76	507.76
45	461.20	484.37	484.37
50	429.81	451.42	451.42
55	391.17	410.86	410.86
60	347.38	364.90	364.90
65	300.61	315.82	315.82
70	252.98	265.84	265.84
75	206.45	217.03	217.03
80	162.77	171.23	173.18
85	123.50	130.10	140.78
90	90.13	95.22	119.44
95	64.28	68.31	103.41
100	47.75	51.23	86.43
105	40.99	44.30	73.26
110	40.45	43.75	70.44
115	41.16	44.48	75.04
120	40.79	44.10	77.38
125	40.34	43.64	84.19
130	43.98	47.35	92.02
135	56.46	60.21	99.19
140	78.79	83.39	105.11
145	109.36	115.31	120.72
150	146.45	154.13	154.13
155	188.55	198.25	200.94
160	234.14	246.07	250.16
165	281.55	295.82	295.82
170	328.91	345.52	345.52
175	374.15	393.00	393.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	415.11	435.99	435.99
185	449.64	472.24	472.24
190	475.77	499.66	499.66
195	491.83	516.53	516.53
200	496.66	521.60	521.60
205	489.64	514.22	514.22
210	470.80	494.45	494.45
215	440.84	463.00	463.00
220	401.03	421.22	421.22
225	353.16	370.97	370.97
230	299.35	314.49	314.49
235	241.93	254.24	254.24
240	183.37	192.82	192.82
245	126.32	133.05	133.05
250	74.68	79.11	79.11
255	41.47	44.79	59.52
260	55.50	59.22	62.60
265	90.02	95.11	95.11
270	123.39	129.99	129.99
275	151.77	159.71	159.71
280	174.28	183.29	183.29
285	190.69	200.50	200.50
290	201.00	211.31	211.31
295	205.23	215.75	215.75
300	203.42	213.85	213.85
305	195.55	205.59	205.59
310	181.58	190.95	190.95
315	161.50	169.90	169.90
320	135.42	142.57	142.57
325	103.85	109.55	109.55
330	68.85	73.05	73.05
335	41.50	44.82	59.55
340	57.58	61.36	64.63
345	104.67	110.41	110.41
350	160.20	168.54	168.54
355	218.50	229.67	229.67

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission