

KWIK MOSES LAKE NORTH, WA BL-20040604ADB 1020 kHz

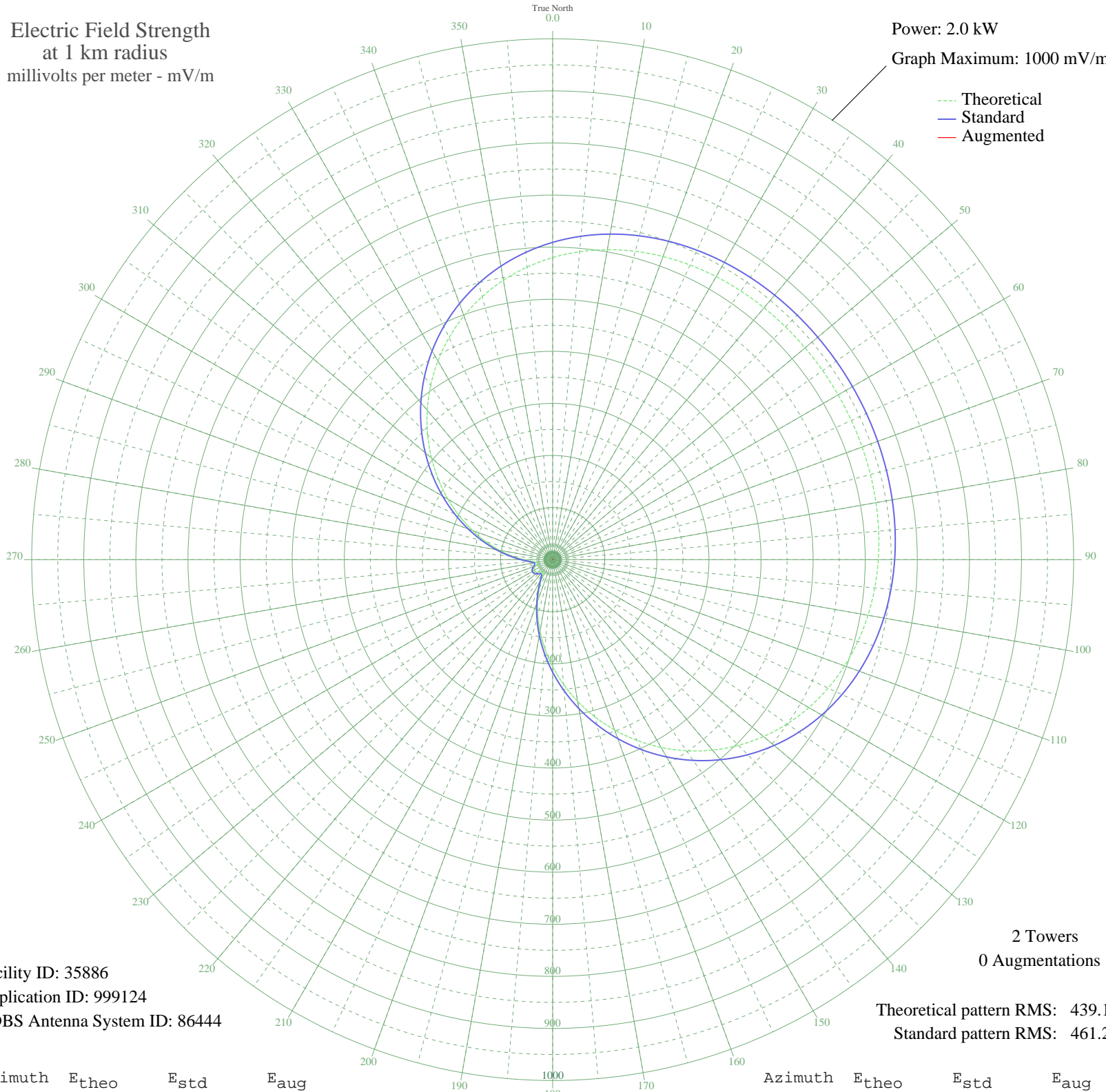
Daytime

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

Power: 2.0 kW

Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 35886  
Application ID: 999124  
CDBS Antenna System ID: 86444

Theoretical pattern RMS: 439.10  
Standard pattern RMS: 461.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	580.00	609.18	
5	593.44	623.29	
10	604.31	634.70	
15	612.86	643.67	
20	619.37	650.51	
25	624.16	655.53	
30	627.53	659.07	
35	629.80	661.45	
40	631.23	662.96	
45	632.09	663.86	
50	632.55	664.34	
55	632.75	664.55	
60	632.77	664.57	
65	632.61	664.41	
70	632.23	664.00	
75	631.48	663.22	
80	630.21	661.88	
85	628.16	659.74	
90	625.08	656.51	
95	620.67	651.87	
100	614.60	645.50	
105	606.56	637.06	
110	596.27	626.26	
115	583.47	612.83	
120	567.95	596.54	
125	549.59	577.26	
130	528.31	554.93	
135	504.17	529.58	
140	477.27	501.36	
145	447.86	470.49	
150	416.23	437.29	
155	382.76	402.18	
160	347.93	365.62	
165	312.21	328.16	
170	276.17	290.36	
175	240.34	252.79	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	205.28	216.06	
185	171.54	180.73	
190	139.66	147.40	
195	110.18	116.64	
200	83.69	89.12	
205	60.95	65.70	
210	43.22	47.75	
215	32.55	37.26	
220	30.31	35.12	
225	33.54	38.22	
230	37.71	42.29	
235	40.39	44.94	
240	40.70	45.24	
245	38.55	43.11	
250	34.59	39.23	
255	30.78	35.57	
260	31.27	36.03	
265	39.92	44.47	
270	56.18	60.83	
275	77.85	83.09	
280	103.53	109.71	
285	132.35	139.76	
290	163.70	172.53	
295	197.04	207.43	
300	231.83	243.88	
305	267.53	281.30	
310	303.57	319.10	
315	339.41	356.69	
320	374.51	393.52	
325	408.35	429.02	
330	440.46	462.72	
335	470.44	494.18	
340	497.96	523.06	
345	522.78	549.12	
350	544.75	572.18	
355	563.81	592.19	

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