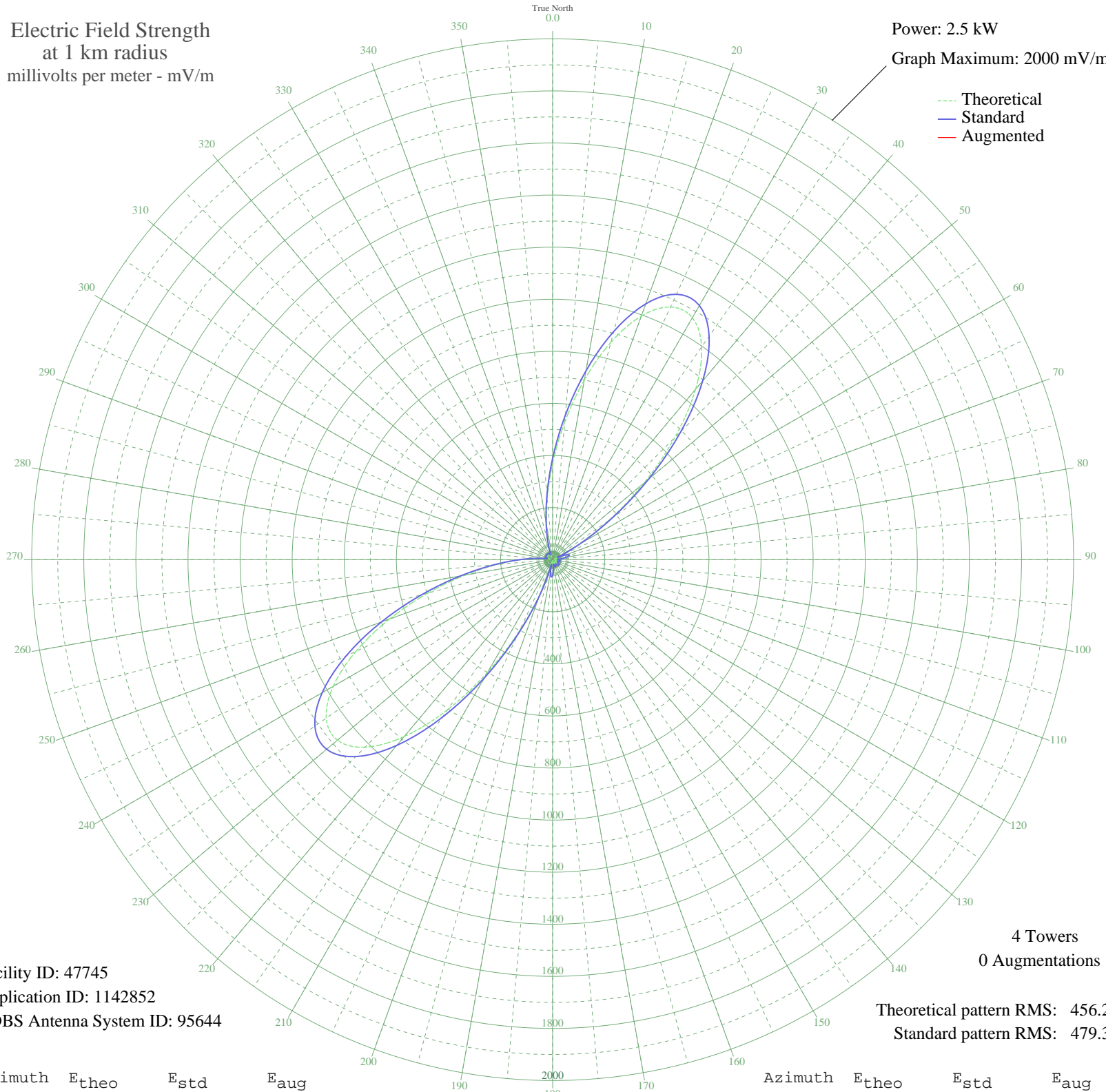


# KYDZ NORTH LAS VEGAS, NV BML-20060714ACW 1140 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 47745  
Application ID: 1142852  
CDBS Antenna System ID: 95644

4 Towers  
0 Augmentations

Theoretical pattern RMS: 456.25  
Standard pattern RMS: 479.35

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	370.50	389.38	
5	529.26	555.97	
10	700.58	735.80	
15	864.18	907.54	
20	995.47	1045.38	
25	1070.67	1124.33	
30	1072.87	1126.64	
35	997.24	1047.24	
40	853.38	896.20	
45	663.68	697.07	
50	458.01	481.20	
55	266.36	280.17	
60	111.96	118.72	
65	6.99	18.15	
70	48.18	53.24	
75	62.52	67.72	
80	50.10	55.16	
85	25.56	31.56	
90	0.86	16.63	
95	16.56	24.04	
100	23.73	29.94	
105	21.45	27.98	
110	13.34	21.72	
115	8.70	18.95	
120	16.16	23.74	
125	23.34	29.60	
130	25.64	31.63	
135	22.24	28.65	
140	14.40	22.45	
145	8.45	18.83	
150	15.14	22.99	
155	22.53	28.90	
160	23.12	29.41	
165	13.87	22.08	
170	5.37	17.53	
175	30.81	36.36	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	54.00	59.08	
185	62.28	67.47	
190	40.80	45.95	
195	23.85	30.05	
200	139.10	146.99	
205	302.31	317.86	
210	498.93	524.14	
215	703.91	739.29	
220	886.69	931.17	
225	1018.34	1069.39	
230	1078.71	1132.77	
235	1061.08	1114.26	
240	973.00	1021.78	
245	833.23	875.05	
250	666.20	699.71	
255	495.97	521.03	
260	341.55	359.01	
265	214.59	225.93	
270	119.32	126.39	
275	54.29	59.37	
280	15.58	23.31	
285	12.39	21.09	
290	20.92	27.53	
295	23.79	29.99	
300	23.68	29.90	
305	22.84	29.17	
310	22.50	28.87	
315	22.99	29.30	
320	23.82	30.02	
325	23.54	29.78	
330	19.72	26.54	
335	10.24	19.78	
340	21.27	27.83	
345	65.08	70.32	
350	135.85	143.61	
355	237.49	249.91	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission