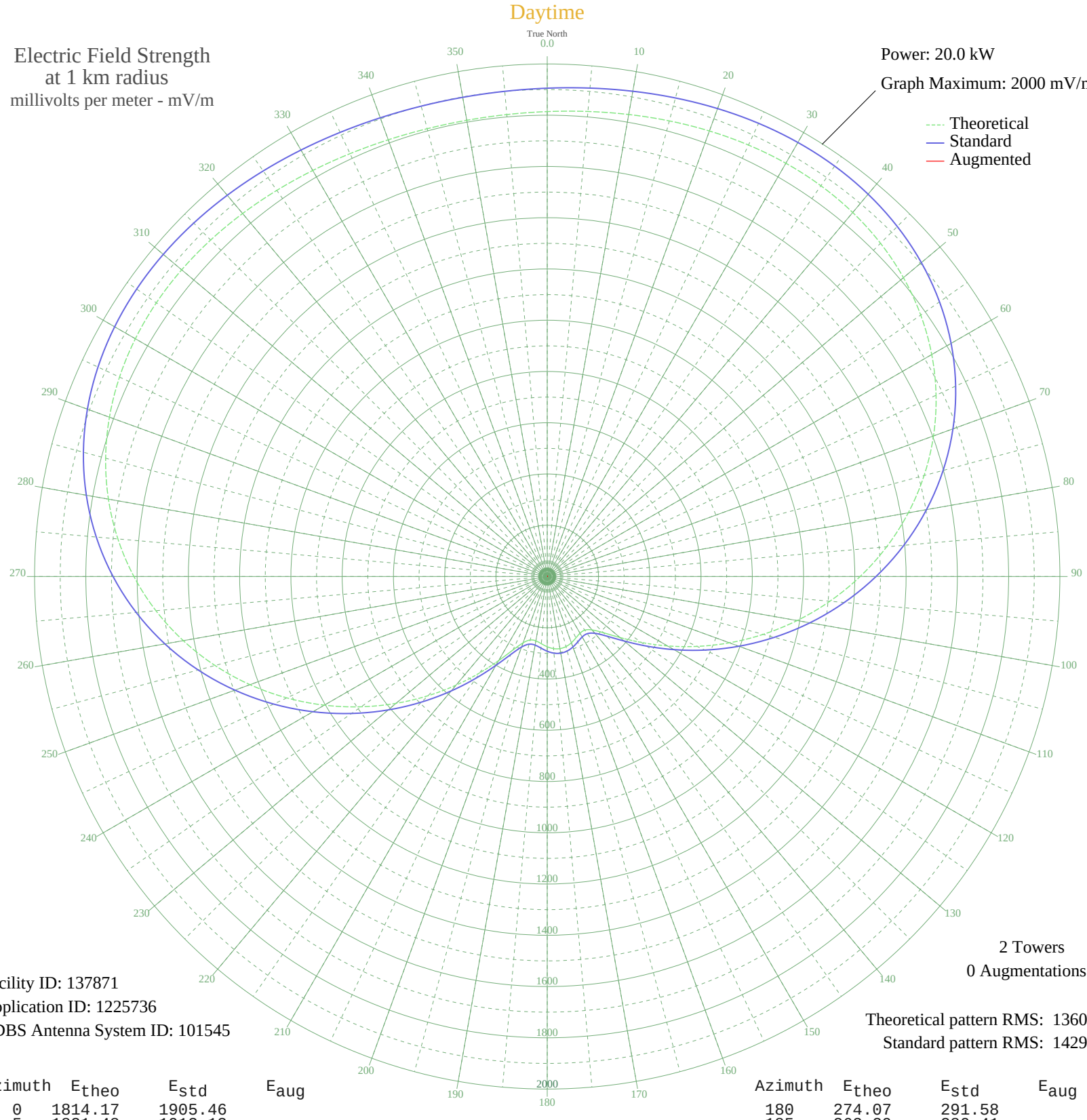
KWWN LAS VEGAS, NV BL-20071213ACV 1100 kHz

Daytime

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



Power: 20.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 137871
Application ID: 1225736
CDBS Antenna System ID: 101545

Theoretical pattern RMS: 1360.91
Standard pattern RMS: 1429.73

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1814.17	1905.46	
5	1821.48	1913.13	
10	1830.60	1922.70	
15	1840.52	1933.12	
20	1850.02	1943.09	
25	1857.71	1951.16	
30	1862.03	1955.69	
35	1861.38	1955.02	
40	1854.17	1947.44	
45	1838.87	1931.38	
50	1814.12	1905.41	
55	1778.83	1868.36	
60	1732.19	1819.40	
65	1673.79	1758.11	
70	1603.64	1684.47	
75	1522.18	1598.98	
80	1430.30	1502.55	
85	1329.32	1396.58	
90	1220.92	1282.82	
95	1107.09	1163.40	
100	990.10	1040.67	
105	872.39	917.22	
110	756.56	795.78	
115	645.35	679.24	
120	541.67	570.69	
125	448.76	473.53	
130	370.31	391.65	
135	310.33	329.22	
140	272.09	289.52	
145	255.53	272.39	
150	255.64	272.50	
155	264.56	281.72	
160	275.26	292.82	
165	283.14	300.98	
170	285.76	303.70	
175	282.45	300.26	

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 Jan 2010

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	274.07	291.58	
185	263.29	280.41	
190	255.01	271.85	
195	256.49	273.38	
200	275.45	293.01	
205	316.37	335.49	
210	378.75	400.45	
215	459.13	484.36	
220	553.50	583.06	
225	658.23	692.74	
230	770.15	810.02	
235	886.34	931.84	
240	1004.10	1055.35	
245	1120.84	1177.82	
250	1234.13	1296.69	
255	1341.75	1409.62	
260	1441.73	1514.55	
265	1532.43	1609.74	
270	1612.58	1693.86	
275	1681.35	1766.04	
280	1738.34	1825.87	
285	1783.61	1873.37	
290	1817.60	1909.06	
295	1841.16	1933.78	
300	1855.42	1948.76	
305	1861.77	1955.43	
310	1861.74	1955.39	
315	1856.94	1950.35	
320	1848.96	1941.98	
325	1839.34	1931.87	
330	1829.45	1921.50	
335	1820.50	1912.10	
340	1813.46	1904.71	
345	1809.03	1900.06	
350	1807.63	1898.59	
355	1809.40	1900.45	