

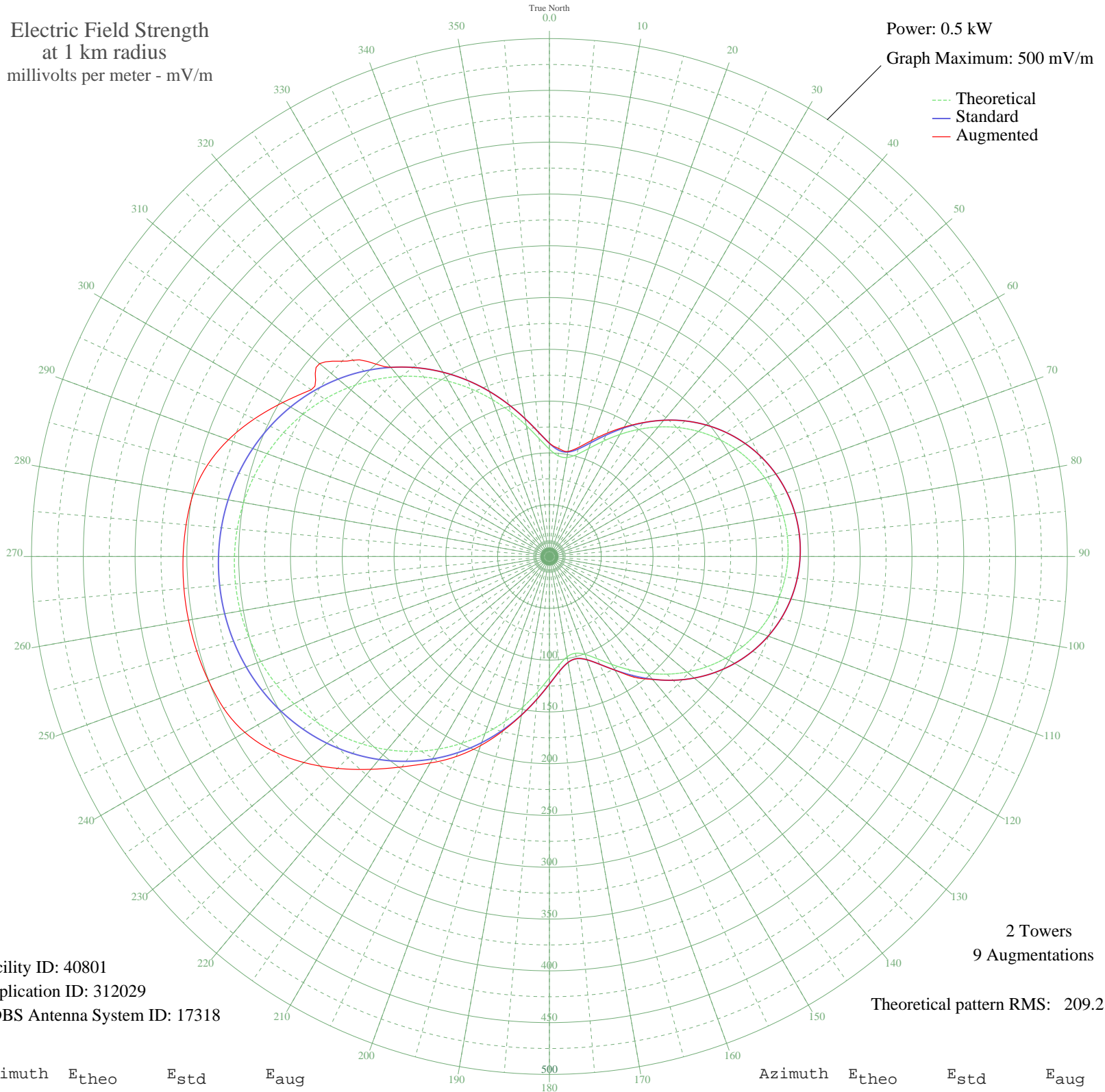
# KCMY CARSON CITY, NV BL-- 1300 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 40801  
Application ID: 312029  
CDBS Antenna System ID: 17318

2 Towers  
9 Augmentations  
Theoretical pattern RMS: 209.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	103.61	109.29	109.44
5	97.57	102.99	104.61
10	97.05	102.44	102.99
15	101.88	107.49	109.14
20	110.94	116.96	119.25
25	122.75	129.32	131.31
30	136.02	143.20	144.26
35	149.74	157.58	157.81
40	163.24	171.73	171.73
45	176.05	185.15	185.15
50	187.83	197.51	197.51
55	198.38	208.57	208.57
60	207.55	218.18	218.18
65	215.25	226.25	226.25
70	221.41	232.72	232.72
75	226.02	237.55	237.55
80	229.04	240.72	240.72
85	230.47	242.22	242.22
90	230.31	242.06	242.06
95	228.56	240.22	240.22
100	225.22	236.72	236.72
105	220.30	231.56	231.56
110	213.83	224.77	224.77
115	205.83	216.38	216.38
120	196.38	206.47	206.47
125	185.57	195.13	195.13
130	173.56	182.54	182.54
135	160.59	168.94	168.94
140	147.00	154.84	154.84
145	133.30	140.36	142.16
150	120.24	126.69	126.69
155	108.86	114.79	114.79
160	100.53	106.08	106.08
165	96.71	102.08	102.08
170	98.35	103.80	103.80
175	105.41	111.18	111.18

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	116.87	123.16	123.16
185	131.35	138.32	138.32
190	147.62	155.35	155.48
195	164.70	173.25	174.59
200	181.89	191.28	194.28
205	198.69	208.89	213.11
210	214.71	225.69	230.14
215	229.69	241.41	247.91
220	243.46	255.85	268.21
225	255.89	268.88	289.30
230	266.90	280.45	309.42
235	276.48	290.49	326.79
240	284.61	299.02	339.54
245	291.30	306.05	346.96
250	296.58	311.59	350.32
255	300.48	315.68	352.52
260	303.02	318.34	353.80
265	304.21	319.60	354.20
270	304.08	319.46	353.67
275	302.62	317.92	352.11
280	299.81	314.97	349.11
285	295.64	310.60	341.70
290	290.08	304.76	329.70
295	283.10	297.44	314.31
300	274.68	288.61	297.29
305	264.82	278.25	280.67
310	253.51	266.39	289.68
315	240.81	253.07	268.02
320	226.79	238.36	238.36
325	211.58	222.41	222.41
330	195.38	205.42	205.42
335	178.47	187.69	187.69
340	161.25	169.64	169.64
345	144.27	151.85	151.85
350	128.27	135.10	135.10
355	114.29	120.46	120.46