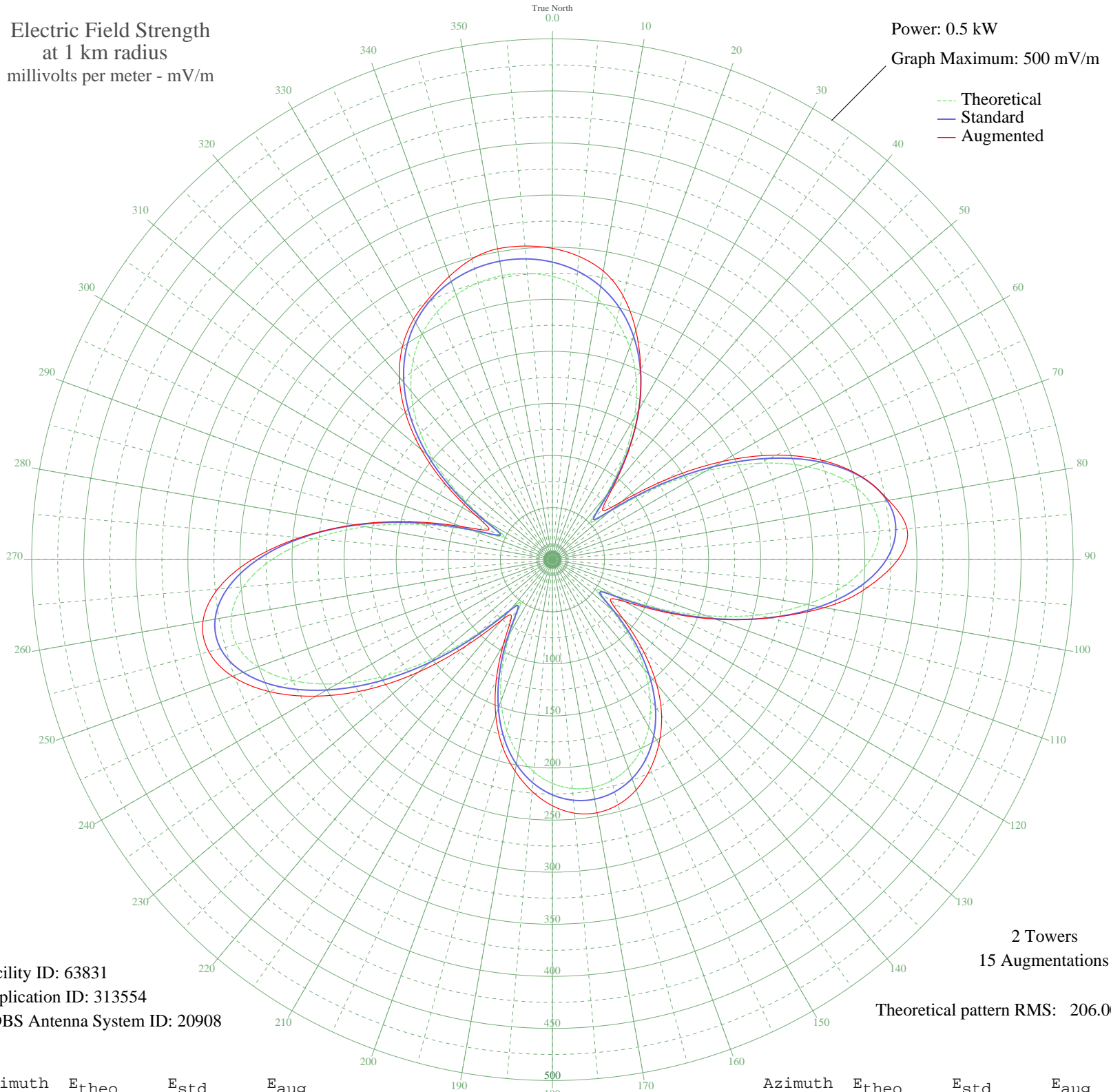


KLGN LOGAN, UT BL-- 1390 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 63831
Application ID: 313554
CDBS Antenna System ID: 20908

2 Towers
15 Augmentations
Theoretical pattern RMS: 206.00

Azimuth	Etheo	Estd	Eaug
0	271.85	285.64	298.87
5	264.57	278.00	292.29
10	253.47	266.35	281.37
15	237.84	249.95	262.23
20	216.97	228.06	234.27
25	190.30	200.09	200.92
30	157.62	165.83	165.83
35	119.60	126.02	127.37
40	79.44	84.08	90.19
45	51.94	55.54	67.91
50	70.61	74.88	86.41
55	117.83	124.16	135.12
60	169.89	178.69	188.58
65	219.03	230.22	237.49
70	260.88	274.13	277.50
75	292.22	307.01	307.52
80	310.72	326.42	327.89
85	315.10	331.02	341.81
90	305.23	320.66	331.78
95	282.11	296.41	303.83
100	247.77	260.37	265.21
105	205.01	215.52	215.78
110	157.31	165.51	167.05
115	108.97	114.90	119.29
120	67.34	71.48	80.86
125	51.75	55.35	67.93
130	73.36	77.74	89.08
135	106.12	111.92	122.87
140	137.29	144.54	155.48
145	163.88	172.40	182.84
150	185.24	194.78	204.45
155	201.42	211.75	222.02
160	212.75	223.63	235.22
165	219.57	230.79	243.56
170	222.14	233.48	246.71
175	220.57	231.83	244.28

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	214.79	225.77	236.25
185	204.57	215.05	223.28
190	189.58	199.34	206.19
195	169.49	178.28	185.51
200	144.14	151.71	158.99
205	113.93	120.09	127.56
210	81.00	85.69	94.26
215	54.40	58.07	69.02
220	60.10	63.98	75.64
225	97.94	103.37	116.85
230	145.57	153.21	167.93
235	193.87	203.84	217.76
240	238.15	250.28	262.10
245	274.80	288.73	299.76
250	300.83	316.04	327.19
255	314.01	329.87	341.57
260	313.08	328.90	340.74
265	297.90	312.97	322.54
270	269.47	283.14	288.65
275	229.87	241.59	243.35
280	182.14	191.53	192.90
285	130.29	137.20	140.78
290	80.71	85.40	93.10
295	51.62	55.21	67.59
300	70.56	74.83	85.20
305	109.92	115.90	124.32
310	148.92	156.72	164.42
315	183.00	192.44	199.67
320	211.12	221.92	228.53
325	233.33	245.22	250.65
330	250.15	262.87	266.55
335	262.28	275.60	278.16
340	270.42	284.14	289.40
345	275.17	289.12	298.77
350	276.93	290.97	303.07
355	275.86	289.84	302.22