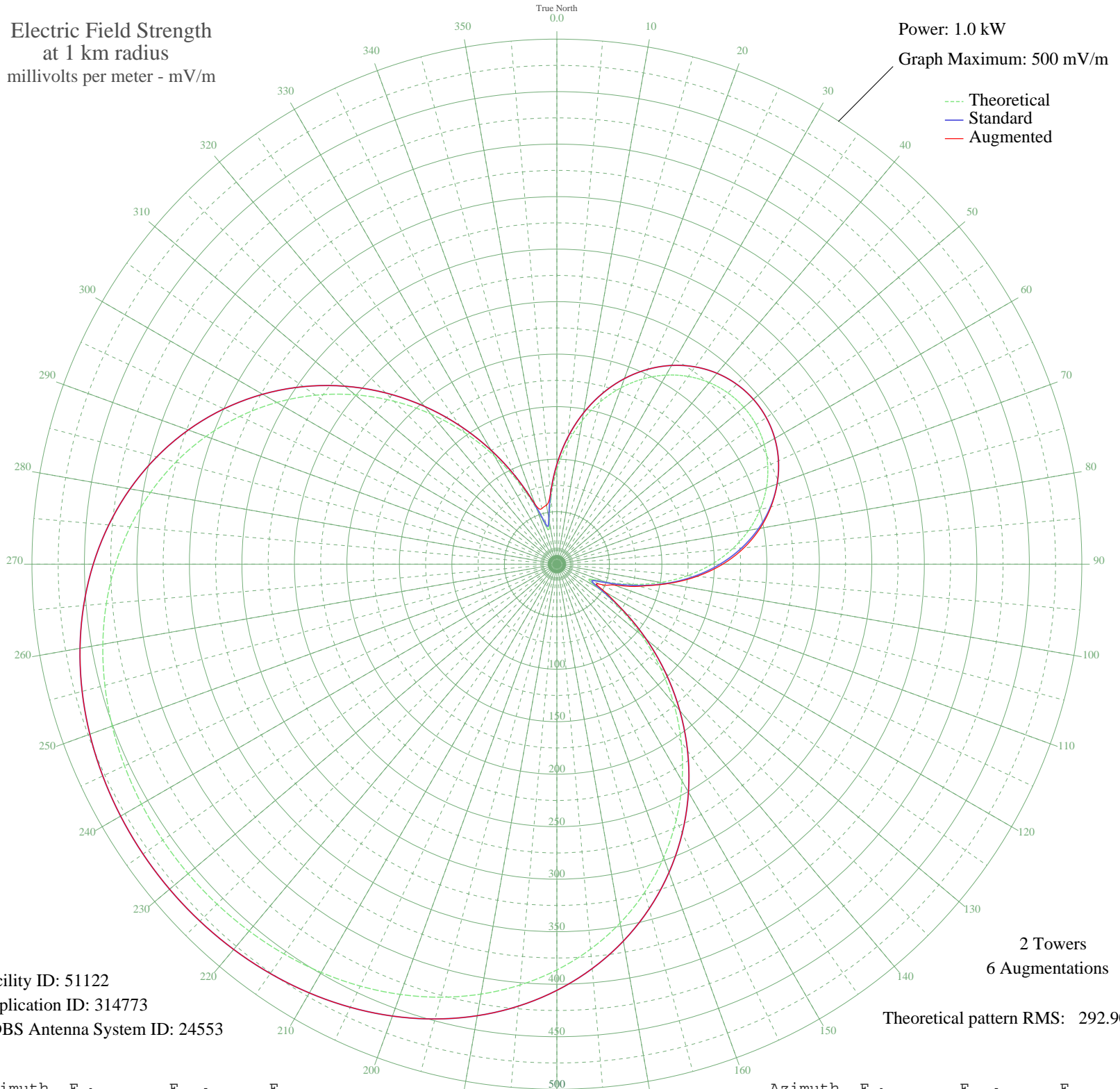


KIGS HANFORD, CA BL-- 620 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 51122
Application ID: 314773
CDBS Antenna System ID: 24553

2 Towers
6 Augmentations
Theoretical pattern RMS: 292.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	89.97	95.05	95.05
5	115.39	121.61	121.61
10	138.94	146.27	146.27
15	160.17	168.50	168.50
20	178.81	188.04	188.04
25	194.74	204.74	204.74
30	207.89	218.54	218.54
35	218.24	229.39	229.39
40	225.78	237.30	237.30
45	230.53	242.28	242.28
50	232.48	244.33	244.33
55	231.64	243.45	243.45
60	228.02	239.65	239.65
65	221.59	232.91	232.91
70	212.37	223.23	223.28
75	200.33	210.61	211.20
80	185.51	195.07	196.57
85	167.94	176.65	178.99
90	147.73	155.47	158.12
95	125.07	131.74	133.95
100	100.31	105.85	107.01
105	74.23	78.65	81.42
110	49.07	52.58	58.04
115	33.79	37.00	45.09
120	45.13	48.54	53.11
125	72.96	77.32	77.32
130	105.42	111.19	111.19
135	139.24	146.58	146.58
140	173.17	182.13	182.13
145	206.45	217.03	217.03
150	238.53	250.67	250.67
155	268.93	282.57	282.57
160	297.31	312.36	312.36
165	323.39	339.72	339.72
170	346.99	364.49	364.49
175	367.99	386.54	386.54

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	386.40	405.86	405.86
185	402.27	422.52	422.52
190	415.72	436.63	436.63
195	426.90	448.37	448.37
200	436.02	457.94	457.94
205	443.29	465.57	465.57
210	448.92	471.49	471.49
215	453.11	475.88	475.88
220	456.02	478.94	478.94
225	457.79	480.80	480.80
230	458.51	481.55	481.55
235	458.20	481.23	481.23
240	456.86	479.82	479.82
245	454.42	477.26	477.26
250	450.76	473.41	473.41
255	445.73	468.13	468.13
260	439.14	461.22	461.22
265	430.78	452.44	452.44
270	420.45	441.60	441.60
275	407.93	428.46	428.46
280	393.05	412.84	412.84
285	375.67	394.59	394.59
290	355.70	373.63	373.63
295	333.14	349.95	349.95
300	308.03	323.61	323.61
305	280.55	294.76	294.76
310	250.91	263.66	263.66
315	219.45	230.67	230.67
320	186.59	196.21	196.21
325	152.85	160.83	160.83
330	118.88	125.26	125.26
335	85.66	90.55	90.55
340	55.27	58.98	60.70
345	35.00	38.22	54.89
350	40.75	44.06	57.10
355	63.82	67.82	68.21