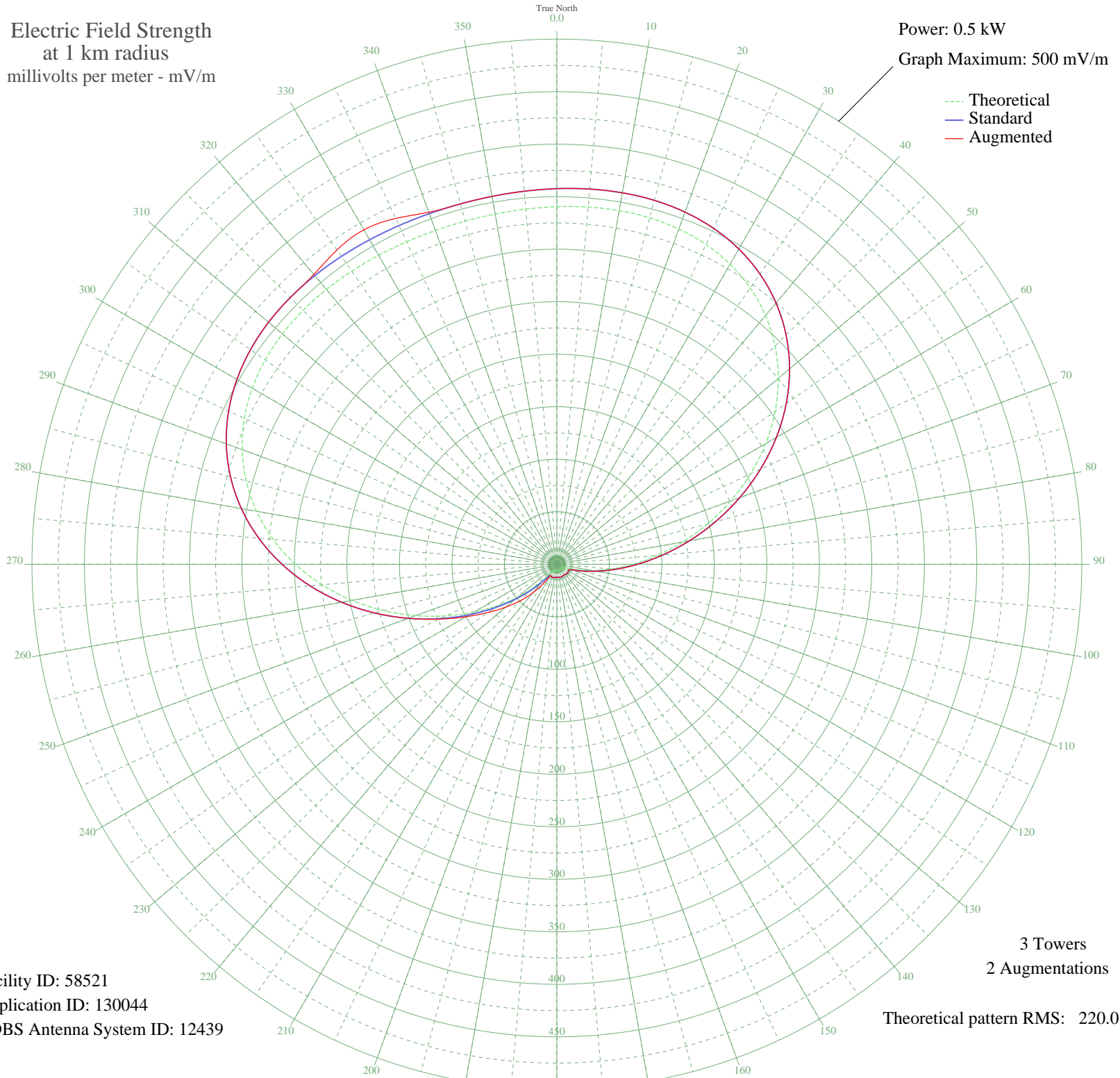


# KHTS CANYON COUNTRY, CA BL-19890614AF 1220 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 58521  
Application ID: 130044  
CDBS Antenna System ID: 12439

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 220.01

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	340.44	357.61	357.61
5	341.38	358.61	358.61
10	341.88	359.12	359.12
15	341.47	358.70	358.70
20	339.68	356.82	356.82
25	336.00	352.96	352.96
30	329.95	346.61	346.61
35	321.09	337.31	337.31
40	309.12	324.75	324.75
45	293.87	308.74	308.74
50	275.35	289.31	289.31
55	253.80	266.70	266.70
60	229.64	241.35	241.35
65	203.50	213.94	213.94
70	176.18	185.28	185.28
75	148.54	156.32	156.32
80	121.50	128.01	128.01
85	95.94	101.29	101.29
90	72.63	76.98	76.98
95	52.17	55.77	55.77
100	35.00	38.22	38.22
105	21.41	24.81	24.81
110	11.66	16.13	16.13
115	6.55	12.55	12.55
120	6.36	12.44	12.44
125	7.40	13.06	13.06
130	7.67	13.23	13.23
135	7.18	12.93	12.93
140	6.46	12.50	12.50
145	6.04	12.27	12.27
150	6.18	12.34	12.34
155	6.64	12.60	12.60
160	7.01	12.82	12.82
165	7.04	12.84	12.84
170	6.73	12.66	12.66
175	6.26	12.39	12.39

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	6.03	12.26	12.26
185	6.33	12.43	12.43
190	7.04	12.84	12.84
195	7.62	13.20	13.20
200	7.53	13.14	13.14
205	6.58	12.57	12.57
210	6.20	12.35	12.99
215	10.22	15.01	22.51
220	19.14	22.67	35.50
225	31.99	35.19	49.12
230	48.46	51.96	63.60
235	68.29	72.47	80.16
240	91.08	96.21	100.01
245	116.25	122.51	123.65
250	143.05	150.57	150.63
255	170.65	179.49	179.49
260	198.11	208.28	208.28
265	224.55	236.01	236.01
270	249.16	261.83	261.83
275	271.28	285.03	285.03
280	290.42	305.13	305.13
285	306.34	321.83	321.83
290	318.96	335.07	335.07
295	328.41	344.99	344.99
300	335.00	351.90	351.90
305	339.11	356.22	356.22
310	341.24	358.46	358.46
315	341.88	359.13	359.13
320	341.53	358.76	360.15
325	340.64	357.83	365.27
330	339.60	356.74	367.70
335	338.71	355.80	363.28
340	338.19	355.25	356.66
345	338.14	355.20	355.20
350	338.57	355.66	355.66
355	339.40	356.53	356.53