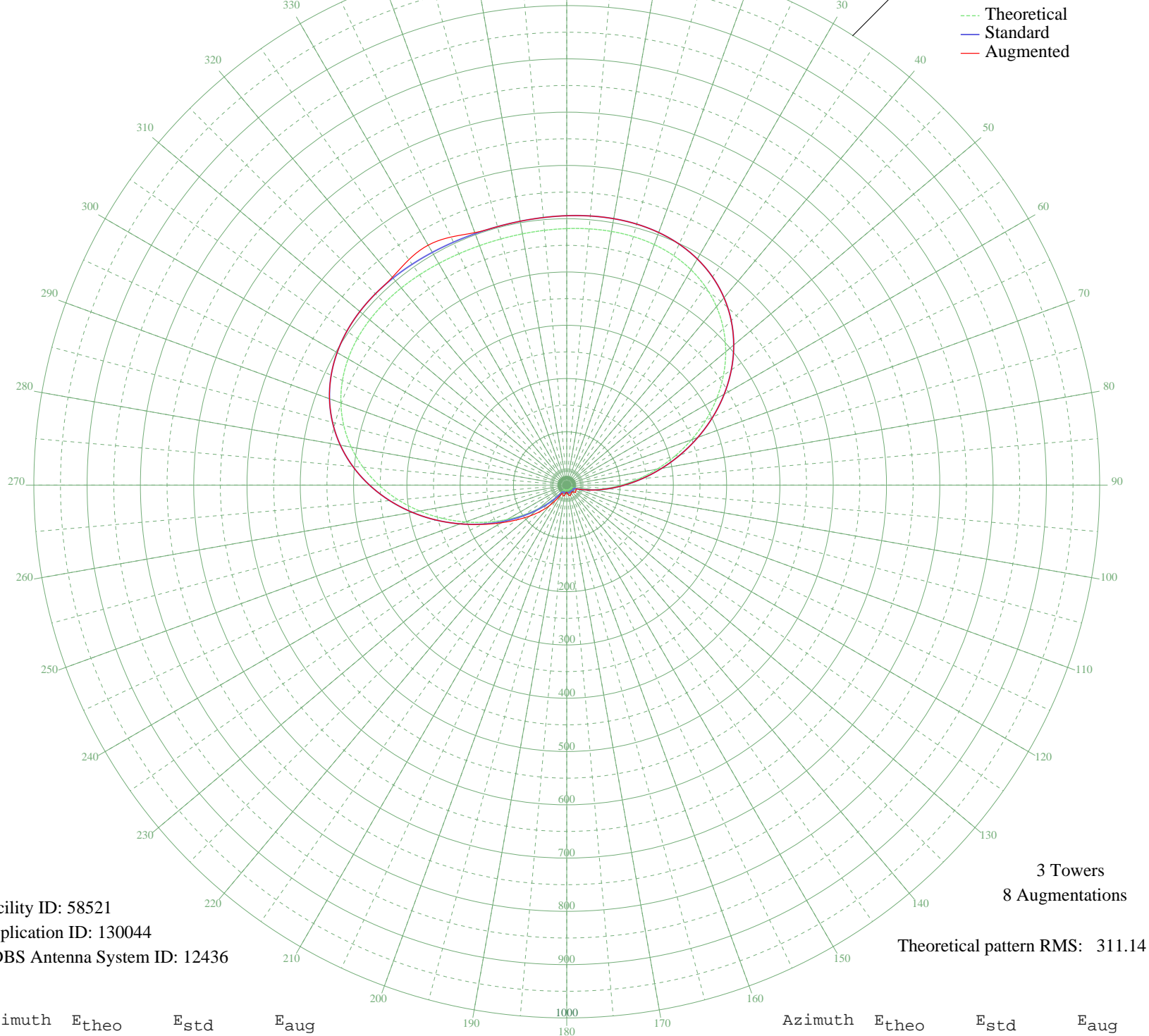


KHTS CANYON COUNTRY, CA BL-19890614AF 1220 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 58521
Application ID: 130044
CDBS Antenna System ID: 12436

3 Towers
8 Augmentations
Theoretical pattern RMS: 311.14

Azimuth	E _{theo}	E _{std}	E _{aug}
0	481.45	505.63	505.63
5	482.79	507.04	507.04
10	483.48	507.77	507.77
15	482.91	507.17	507.17
20	480.38	504.51	504.51
25	475.18	499.05	499.05
30	466.62	490.06	490.06
35	454.09	476.92	476.92
40	437.17	459.14	459.14
45	415.60	436.50	436.50
50	389.41	409.01	409.01
55	358.92	377.02	377.02
60	324.76	341.16	341.16
65	287.80	302.37	302.37
70	249.15	261.82	261.82
75	210.07	220.82	220.82
80	171.83	180.73	180.73
85	135.68	142.85	142.85
90	102.71	108.35	108.35
95	73.78	78.18	78.18
100	49.50	53.03	53.03
105	30.27	33.48	33.48
110	16.48	20.24	21.42
115	9.27	14.31	19.15
120	8.99	14.12	19.60
125	10.46	15.20	20.73
130	10.84	15.49	21.01
135	10.16	14.97	18.50
140	9.13	14.22	16.20
145	8.54	13.81	16.49
150	8.74	13.95	17.08
155	9.39	14.40	18.80
160	9.91	14.78	20.23
165	9.96	14.82	20.31
170	9.52	14.49	18.36
175	8.85	14.02	15.37

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	8.52	13.80	13.80
185	8.96	14.10	14.10
190	9.96	14.82	17.12
195	10.77	15.43	21.07
200	10.65	15.34	20.97
205	9.31	14.35	18.48
210	8.76	13.96	18.34
215	14.45	18.45	31.19
220	27.06	30.29	49.77
225	45.24	48.65	69.42
230	68.53	72.72	90.00
235	96.58	101.95	113.34
240	128.80	135.65	141.28
245	164.40	172.94	174.63
250	202.31	212.68	212.76
255	241.33	253.61	253.61
260	280.17	294.36	294.36
265	317.56	333.60	333.60
270	352.36	370.13	370.13
275	383.64	402.96	402.96
280	410.72	431.39	431.39
285	433.23	455.01	455.01
290	451.07	473.74	473.74
295	464.45	487.78	487.78
300	473.76	497.56	497.56
305	479.58	503.67	503.67
310	482.59	506.82	506.82
315	483.49	507.78	507.78
320	483.00	507.26	509.23
325	481.74	505.94	516.53
330	480.27	504.39	520.00
335	479.01	503.07	513.72
340	478.27	502.29	504.29
345	478.20	502.22	502.22
350	478.81	502.86	502.86
355	479.99	504.10	504.10