

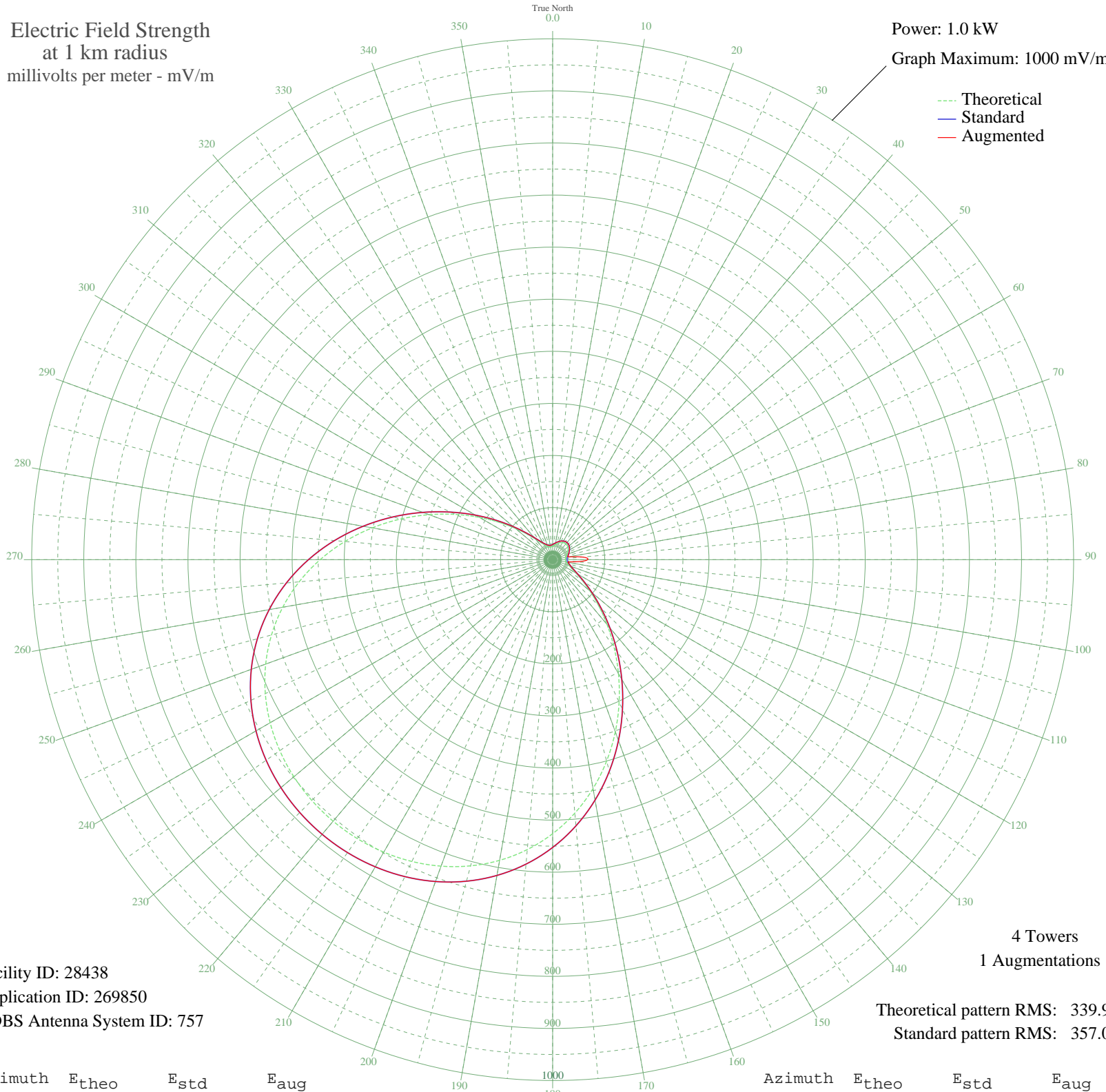
KVVN SANTA CLARA, CA BL-19980616AB 1430 kHz

Daytime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 28438
Application ID: 269850
CDBS Antenna System ID: 757

4 Towers
1 Augmentations

Theoretical pattern RMS: 339.90
Standard pattern RMS: 357.06

Azimuth	E _{theo}	E _{std}	E _{aug}
0	25.70	29.14	29.14
5	27.35	30.75	30.75
10	29.37	32.74	32.74
15	31.62	34.98	34.98
20	33.95	37.30	37.30
25	36.12	39.49	39.49
30	37.91	41.29	41.29
35	39.08	42.48	42.48
40	39.49	42.90	42.90
45	39.08	42.48	42.48
50	37.91	41.29	41.29
55	36.12	39.49	39.49
60	33.95	37.30	37.30
65	31.62	34.98	34.98
70	29.37	32.74	32.74
75	27.35	30.75	30.75
80	25.70	29.14	30.72
85	24.60	28.08	57.54
90	24.29	27.77	67.31
95	24.97	28.43	46.26
100	26.74	30.15	30.15
105	29.62	32.99	32.99
110	33.97	37.32	37.32
115	40.86	44.29	44.29
120	52.06	55.76	55.76
125	69.27	73.56	73.56
130	93.43	98.72	98.72
135	124.66	131.36	131.36
140	162.38	170.85	170.85
145	205.49	216.04	216.04
150	252.54	265.40	265.40
155	301.85	317.13	317.13
160	351.65	369.39	369.39
165	400.28	420.43	420.43
170	446.27	468.71	468.71
175	488.49	513.03	513.03

Azimuth	E _{theo}	E _{std}	E _{aug}
180	526.13	552.54	552.54
185	558.74	586.78	586.78
190	586.19	615.60	615.60
195	608.58	639.10	639.10
200	626.18	657.58	657.58
205	639.34	671.40	671.40
210	648.43	680.94	680.94
215	653.75	686.52	686.52
220	655.50	688.36	688.36
225	653.75	686.52	686.52
230	648.43	680.94	680.94
235	639.34	671.40	671.40
240	626.18	657.58	657.58
245	608.58	639.10	639.10
250	586.19	615.60	615.60
255	558.74	586.78	586.78
260	526.13	552.54	552.54
265	488.49	513.03	513.03
270	446.27	468.71	468.71
275	400.27	420.43	420.43
280	351.65	369.39	369.39
285	301.85	317.13	317.13
290	252.54	265.40	265.40
295	205.49	216.04	216.04
300	162.38	170.85	170.85
305	124.66	131.36	131.36
310	93.43	98.72	98.72
315	69.27	73.56	73.56
320	52.06	55.76	55.76
325	40.86	44.29	44.29
330	33.97	37.32	37.32
335	29.62	32.99	32.99
340	26.74	30.15	30.15
345	24.97	28.43	28.43
350	24.29	27.77	27.77
355	24.60	28.08	28.08

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission