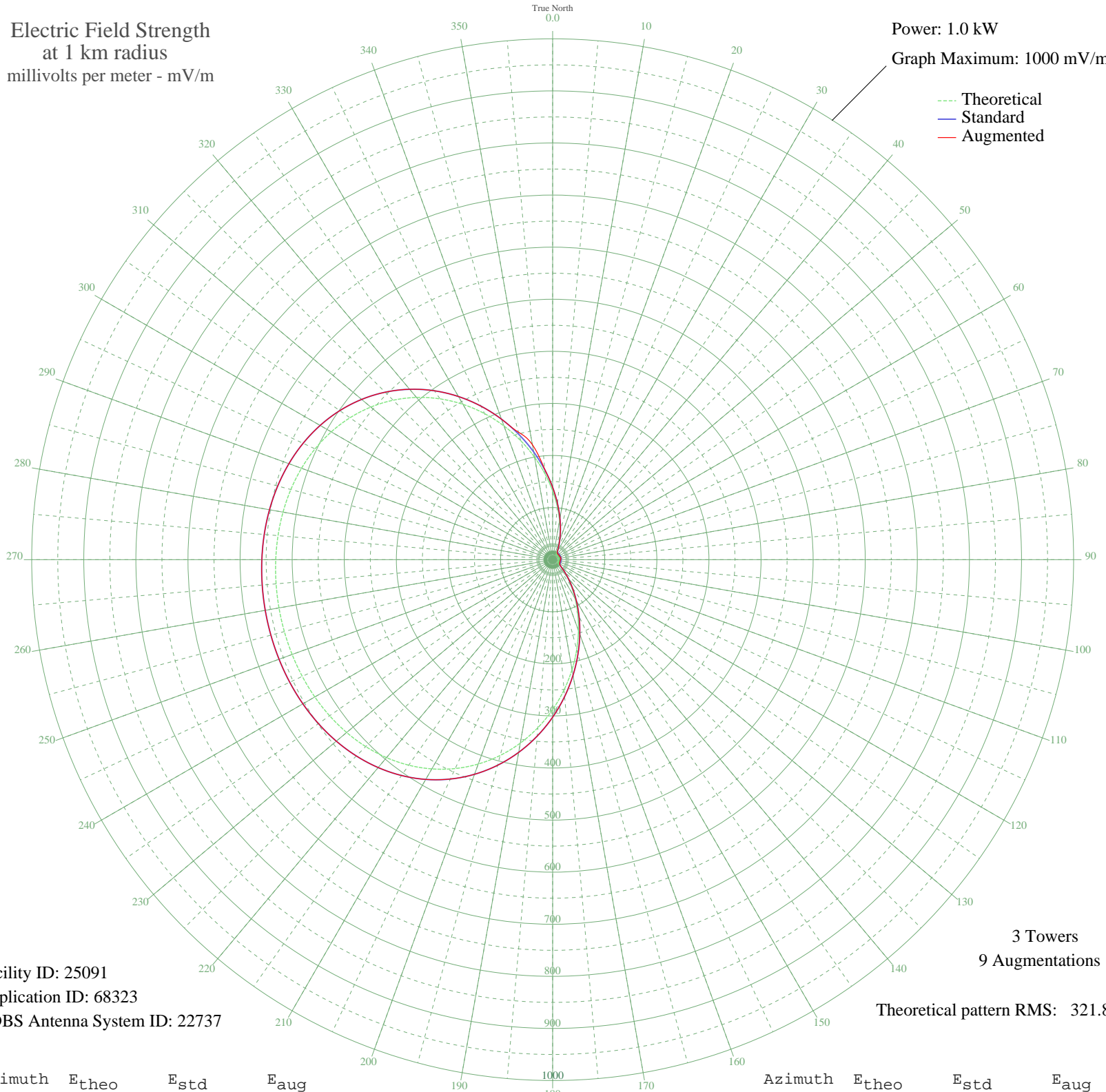


# KVTA PORT HUENEME, CA BL-19840402AN 1520 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 25091  
Application ID: 68323  
CDBS Antenna System ID: 22737

3 Towers  
9 Augmentations  
Theoretical pattern RMS: 321.87

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	131.86	138.85	138.85
5	102.08	107.69	107.69
10	75.96	80.45	80.45
15	53.95	57.61	57.61
20	36.31	39.54	39.54
25	23.26	26.58	26.42
30	15.06	18.98	18.61
35	11.67	16.14	15.39
40	11.31	15.85	14.81
45	11.60	16.08	15.12
50	11.61	16.09	15.00
55	11.40	15.92	14.83
60	11.27	15.82	15.20
65	11.38	15.91	14.81
70	11.68	16.14	15.56
75	11.95	16.36	15.94
80	12.03	16.42	16.09
85	11.86	16.29	15.94
90	11.55	16.04	15.21
95	11.30	15.85	14.80
100	11.29	15.84	14.71
105	11.49	15.99	14.74
110	11.64	16.12	14.81
115	11.50	16.00	15.00
120	11.27	15.82	15.46
125	12.51	16.82	16.81
130	17.73	21.38	21.38
135	27.91	31.13	31.13
140	42.82	46.18	46.18
145	62.24	66.19	66.19
150	85.93	90.84	90.84
155	113.58	119.72	119.72
160	144.67	152.27	152.27
165	178.52	187.74	187.74
170	214.29	225.25	225.25
175	251.05	263.81	263.81

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	287.82	302.39	302.39
185	323.64	339.99	339.99
190	357.65	375.68	375.68
195	389.13	408.72	408.72
200	417.53	438.53	438.53
205	442.49	464.73	464.73
210	463.86	487.17	487.17
215	481.68	505.87	505.87
220	496.12	521.03	521.03
225	507.50	532.98	532.98
230	516.19	542.10	542.10
235	522.60	548.83	548.83
240	527.17	553.63	553.63
245	530.26	556.87	556.87
250	532.19	558.90	558.90
255	533.20	559.96	559.96
260	533.42	560.19	560.19
265	532.89	559.64	559.64
270	531.54	558.21	558.21
275	529.18	555.73	555.73
280	525.54	551.92	551.92
285	520.28	546.40	546.40
290	513.01	538.76	538.76
295	503.29	528.56	528.56
300	490.73	515.38	515.38
305	474.97	498.83	498.83
310	455.74	478.65	478.65
315	432.93	454.70	454.70
320	406.57	427.02	427.02
325	376.88	395.87	395.87
330	344.32	361.68	361.68
335	309.48	325.13	325.13
340	273.17	287.02	287.02
345	236.29	248.33	253.35
350	199.81	210.07	224.25
355	164.70	173.26	174.18