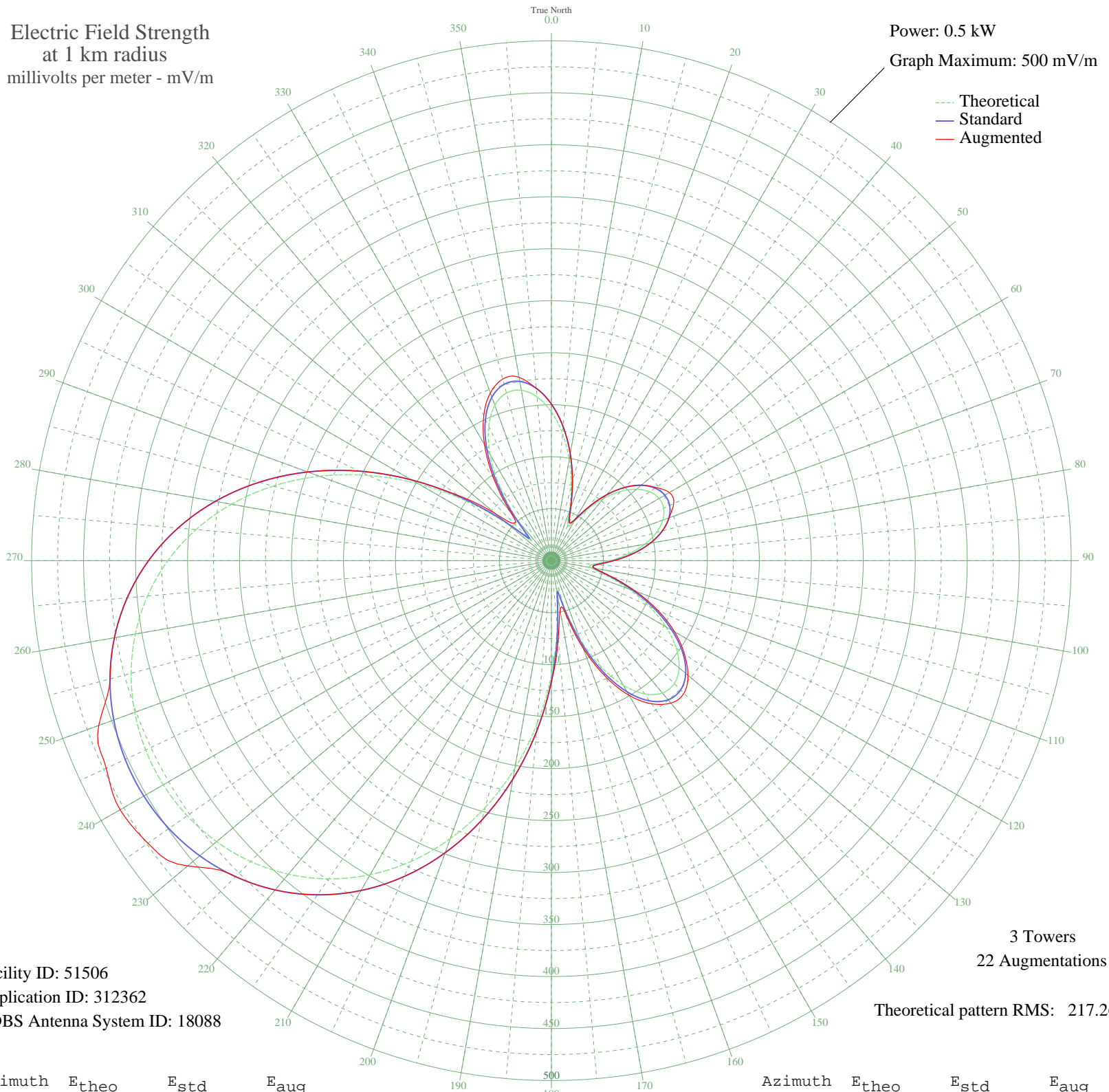


# KKSM OCEANSIDE, CA BL-- 1320 kHz

Unlimited Time

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 51506  
Application ID: 312362  
CDBS Antenna System ID: 18088

3 Towers  
22 Augmentations  
Theoretical pattern RMS: 217.26

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	143.04	150.56	150.72
5	122.69	129.25	129.50
10	98.79	104.25	104.54
15	73.54	77.93	78.18
20	50.48	54.04	54.17
25	37.30	40.55	40.64
30	42.91	46.26	46.27
35	59.71	63.57	63.57
40	78.01	82.58	82.73
45	94.19	99.46	99.68
50	106.89	112.73	113.12
55	115.46	121.69	122.76
60	119.58	126.00	131.01
65	119.12	125.51	129.77
70	114.09	120.26	120.51
75	104.67	110.40	110.56
80	91.21	96.34	96.56
85	74.45	78.88	79.10
90	56.04	59.77	59.91
95	40.45	43.75	43.78
100	38.56	41.83	42.08
105	54.65	58.33	60.27
110	78.56	83.16	86.36
115	103.75	109.45	112.91
120	127.10	133.87	136.72
125	146.52	154.21	156.04
130	160.33	168.68	171.50
135	167.18	175.85	180.30
140	166.07	174.69	178.79
145	156.48	164.64	168.02
150	138.37	145.66	149.67
155	112.29	118.37	122.95
160	79.59	84.23	90.12
165	43.84	47.22	53.21
170	28.60	31.81	48.28
175	63.64	67.64	75.35

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	109.83	115.79	116.96
185	157.06	165.25	165.25
190	202.82	213.22	213.22
195	245.65	258.15	258.15
200	284.60	299.02	299.02
205	319.06	335.18	335.18
210	348.73	366.31	366.31
215	373.54	392.36	392.36
220	393.62	413.43	413.43
225	409.17	429.75	429.75
230	420.44	441.59	456.77
235	427.68	449.19	473.82
240	431.07	452.75	479.09
245	430.70	452.35	472.51
250	426.55	448.00	463.38
255	418.52	439.57	439.57
260	406.41	426.86	426.86
265	389.97	409.61	409.61
270	368.96	387.55	387.55
275	343.18	360.49	360.49
280	312.54	328.34	328.34
285	277.16	291.20	291.20
290	237.37	249.46	249.46
295	193.86	203.83	203.83
300	147.67	155.41	155.41
305	100.38	105.92	109.16
310	55.01	58.71	70.04
315	26.78	30.01	51.20
320	50.81	54.38	61.40
325	86.56	91.49	96.96
330	118.10	124.44	128.75
335	142.65	150.15	153.91
340	159.09	167.37	171.62
345	166.96	175.62	180.88
350	166.42	175.05	179.04
355	158.09	166.33	166.45