

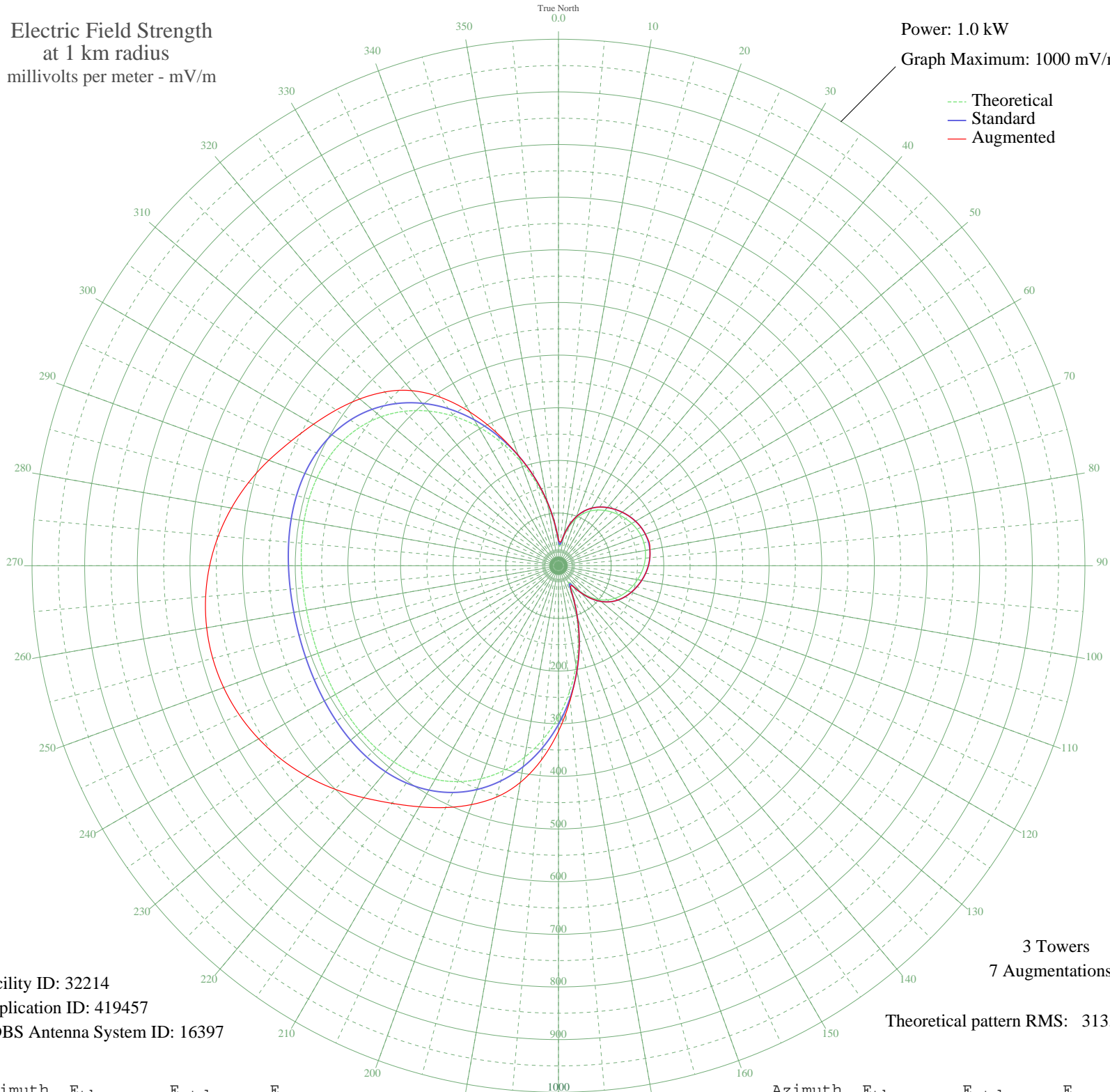
# KWSX STOCKTON, CA BL-19890729AC 1280 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 32214  
Application ID: 419457  
CDBS Antenna System ID: 16397

3 Towers  
7 Augmentations

Theoretical pattern RMS: 313.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	44.46	47.85	50.09
5	38.15	41.42	45.22
10	55.28	58.98	58.98
15	75.89	80.37	80.37
20	93.83	99.08	99.08
25	108.33	114.23	114.23
30	119.84	126.27	126.27
35	129.15	136.01	136.01
40	137.00	144.23	144.23
45	143.92	151.48	151.48
50	150.20	158.05	158.05
55	155.82	163.95	163.95
60	160.65	169.01	169.01
65	164.43	172.97	172.96
70	166.94	175.60	175.57
75	168.00	176.72	177.80
80	167.55	176.24	176.32
85	165.60	174.20	174.18
90	162.30	170.74	170.74
95	157.86	166.09	166.09
100	152.53	160.50	160.50
105	146.51	154.19	154.19
110	139.86	147.22	147.22
115	132.42	139.44	139.44
120	123.78	130.39	130.39
125	113.25	119.37	119.37
130	100.03	105.56	105.56
135	83.48	88.28	88.28
140	63.67	67.67	67.67
145	43.62	46.99	47.43
150	37.97	41.23	45.79
155	61.47	65.39	65.39
160	100.04	105.56	105.56
165	144.77	152.38	152.38
170	192.28	202.17	202.17
175	240.29	252.52	255.93

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.

13 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	286.85	301.37	314.45
185	330.29	346.96	370.18
190	369.29	387.89	417.98
195	402.90	423.18	454.99
200	430.64	452.30	482.80
205	452.42	475.16	506.74
210	468.55	492.09	528.68
215	479.61	503.70	550.94
220	486.41	510.84	575.23
225	489.85	514.45	600.35
230	490.85	515.50	622.74
235	490.30	514.92	641.93
240	488.97	513.52	657.55
245	487.49	511.97	669.26
250	486.33	510.76	676.78
255	485.81	510.21	679.91
260	486.04	510.45	678.57
265	486.97	511.42	672.79
270	488.36	512.89	662.72
275	489.82	514.42	648.63
280	490.77	515.42	630.82
285	490.49	515.12	609.67
290	488.14	512.65	585.54
295	482.79	507.04	560.36
300	473.54	497.33	537.42
305	459.53	482.62	515.63
310	440.06	462.18	492.75
315	414.72	435.58	466.70
320	383.42	402.73	434.17
325	346.49	363.96	390.46
330	304.68	320.09	337.42
335	259.18	272.35	279.24
340	211.54	222.37	222.61
345	163.58	172.08	172.08
350	117.43	123.74	123.74
355	75.82	80.30	80.30