

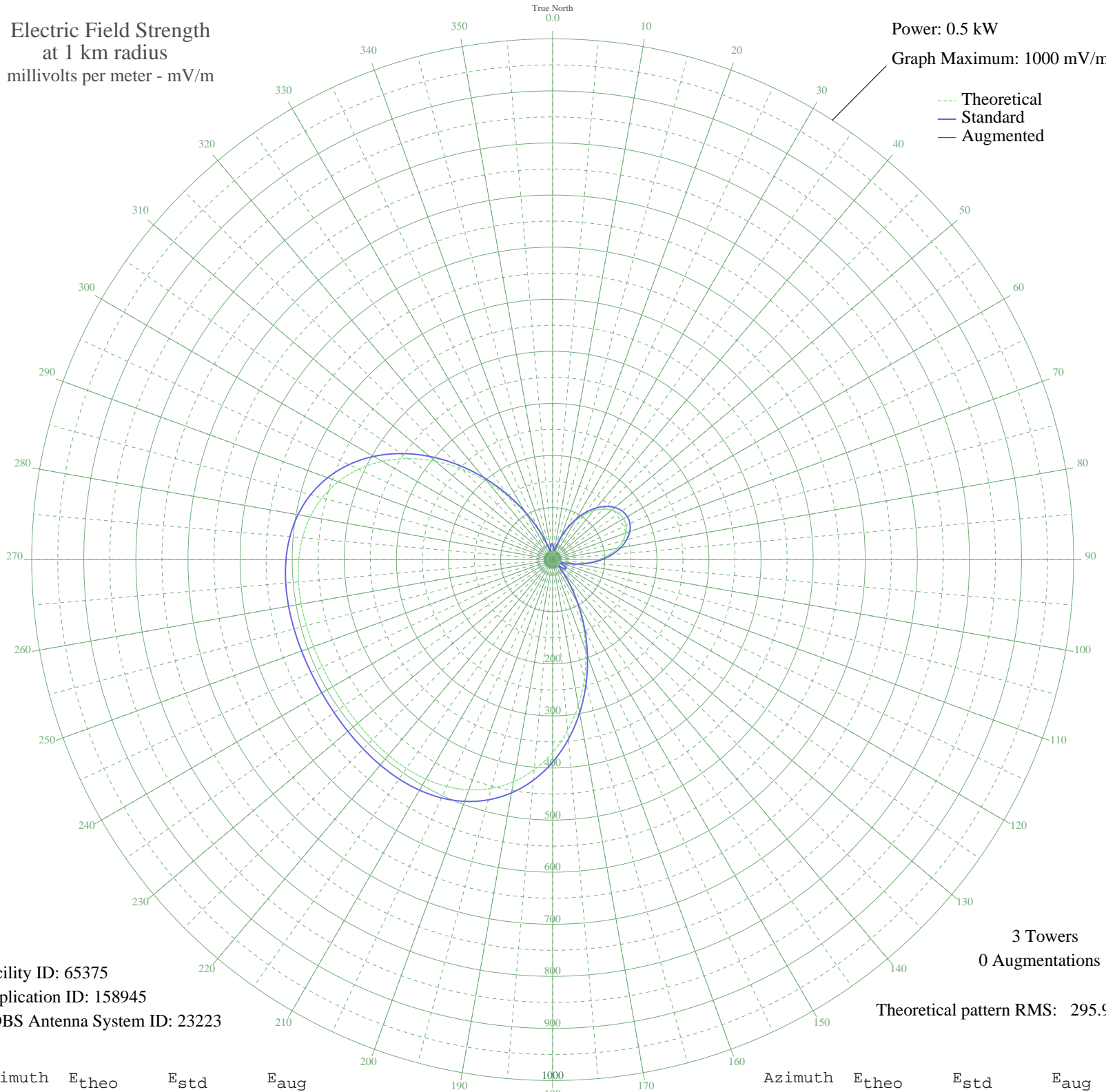
KTGE SALINAS, CA BL-19910402AC 1570 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 65375
Application ID: 158945
CDBS Antenna System ID: 23223

3 Towers
0 Augmentations

Theoretical pattern RMS: 295.94

Azimuth	E _{theo}	E _{std}	E _{aug}
0	26.40	29.64	
5	19.16	22.69	
10	12.01	16.41	
15	21.96	25.34	
20	41.55	44.87	
25	63.29	67.28	
30	84.92	89.78	
35	105.06	110.81	
40	122.72	129.29	
45	137.19	144.43	
50	147.95	155.70	
55	154.70	162.78	
60	157.26	165.45	
65	155.55	163.67	
70	149.63	157.46	
75	139.65	147.01	
80	125.89	132.60	
85	108.82	114.74	
90	89.10	94.14	
95	67.67	71.83	
100	45.82	49.24	
105	25.52	28.78	
110	12.39	16.72	
115	17.30	20.98	
120	25.36	28.63	
125	27.82	31.04	
130	22.91	26.25	
135	12.96	17.19	
140	22.40	25.75	
145	52.67	56.29	
150	91.83	96.99	
155	136.93	144.16	
160	185.61	195.17	
165	235.43	247.43	
170	284.09	298.48	
175	329.52	346.15	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	370.10	388.75	
185	404.74	425.10	
190	432.89	454.66	
195	454.57	477.41	
200	470.20	493.82	
205	480.56	504.70	
210	486.62	511.06	
215	489.46	514.04	
220	490.10	514.72	
225	489.51	514.09	
230	488.47	513.00	
235	487.57	512.05	
240	487.18	511.64	
245	487.44	511.92	
250	488.26	512.78	
255	489.32	513.89	
260	490.06	514.67	
265	489.73	514.32	
270	487.41	511.89	
275	482.08	506.29	
280	472.66	496.41	
285	458.16	481.18	
290	437.74	459.75	
295	410.89	431.56	
300	377.53	396.54	
305	338.07	355.12	
310	293.49	308.35	
315	245.33	257.81	
320	195.56	205.60	
325	146.46	154.14	
330	100.45	105.99	
335	59.91	63.78	
340	27.48	30.71	
345	12.04	16.43	
350	21.08	24.49	
355	27.44	30.67	

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