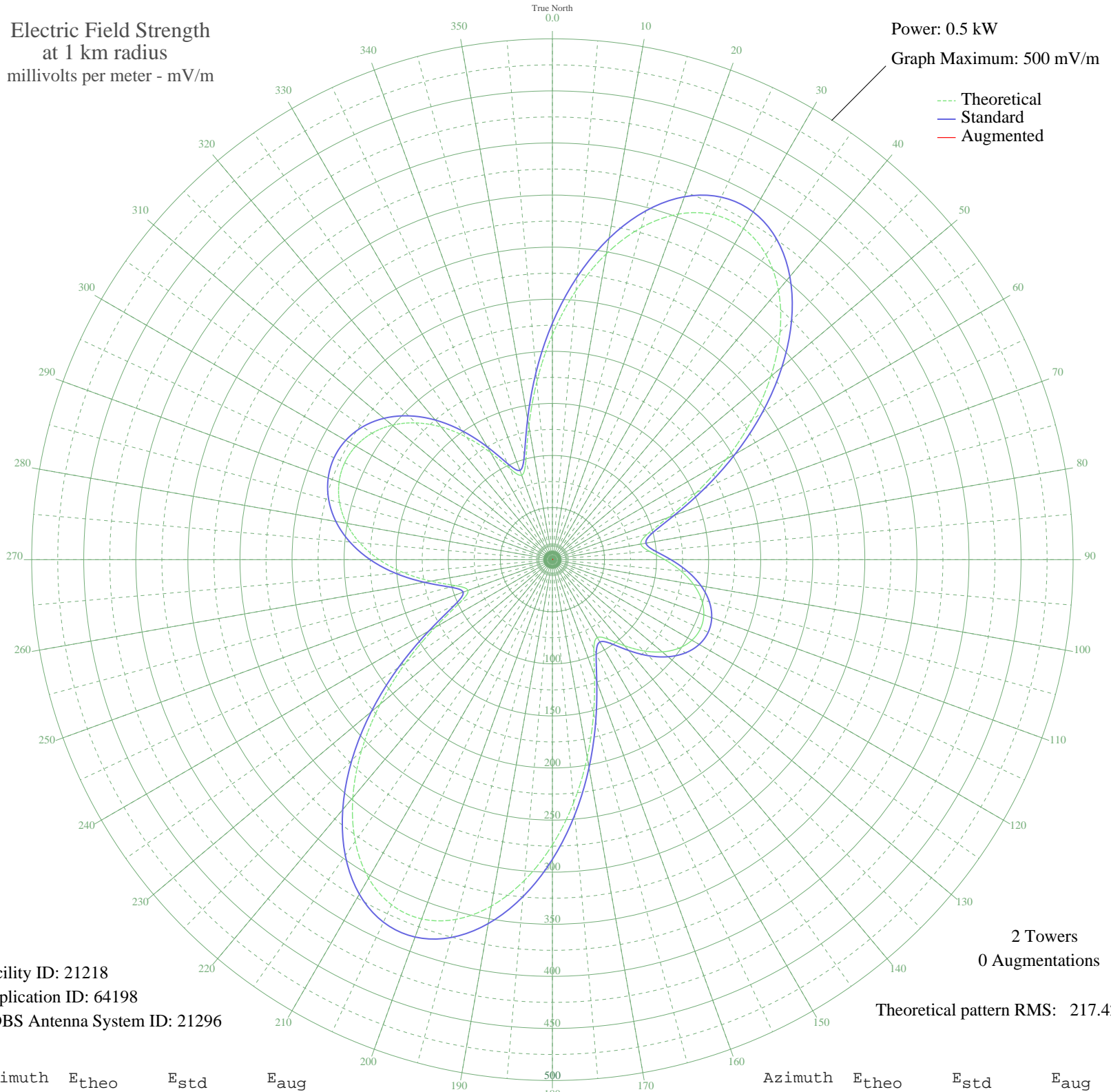


# KMOG PAYSON, AZ BL-19831208AH 1420 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 21218  
Application ID: 64198  
CDBS Antenna System ID: 21296

2 Towers  
0 Augmentations

Theoretical pattern RMS: 217.42

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	215.98	227.02	
5	259.24	272.40	
10	298.12	313.20	
15	330.04	346.70	
20	352.98	370.78	
25	365.53	383.95	
30	367.01	385.50	
35	357.46	375.49	
40	337.70	354.74	
45	309.16	324.79	
50	273.83	287.71	
55	234.11	246.04	
60	192.71	202.62	
65	152.77	160.75	
70	118.19	124.55	
75	94.28	99.55	
80	86.27	91.19	
85	93.27	98.49	
90	107.90	113.78	
95	123.81	130.42	
100	137.74	145.01	
105	148.24	156.01	
110	154.70	162.77	
115	156.87	165.05	
120	154.70	162.77	
125	148.24	156.01	
130	137.74	145.01	
135	123.81	130.42	
140	107.90	113.78	
145	93.27	98.49	
150	86.27	91.19	
155	94.28	99.55	
160	118.19	124.55	
165	152.77	160.75	
170	192.71	202.62	
175	234.11	246.04	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	273.83	287.71	
185	309.16	324.79	
190	337.70	354.74	
195	357.46	375.49	
200	367.01	385.50	
205	365.53	383.95	
210	352.98	370.78	
215	330.04	346.70	
220	298.12	313.20	
225	259.24	272.40	
230	215.98	227.02	
235	171.53	180.41	
240	130.15	137.06	
245	98.53	103.98	
250	86.27	91.19	
255	96.35	101.71	
260	118.60	124.98	
265	143.41	150.95	
270	166.35	174.98	
275	185.69	195.26	
280	200.81	211.11	
285	211.56	222.39	
290	217.97	229.11	
295	220.10	231.35	
300	217.97	229.11	
305	211.56	222.39	
310	200.81	211.11	
315	185.69	195.26	
320	166.35	174.98	
325	143.41	150.95	
330	118.60	124.97	
335	96.35	101.71	
340	86.27	91.19	
345	98.53	103.98	
350	130.15	137.06	
355	171.53	180.41	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission