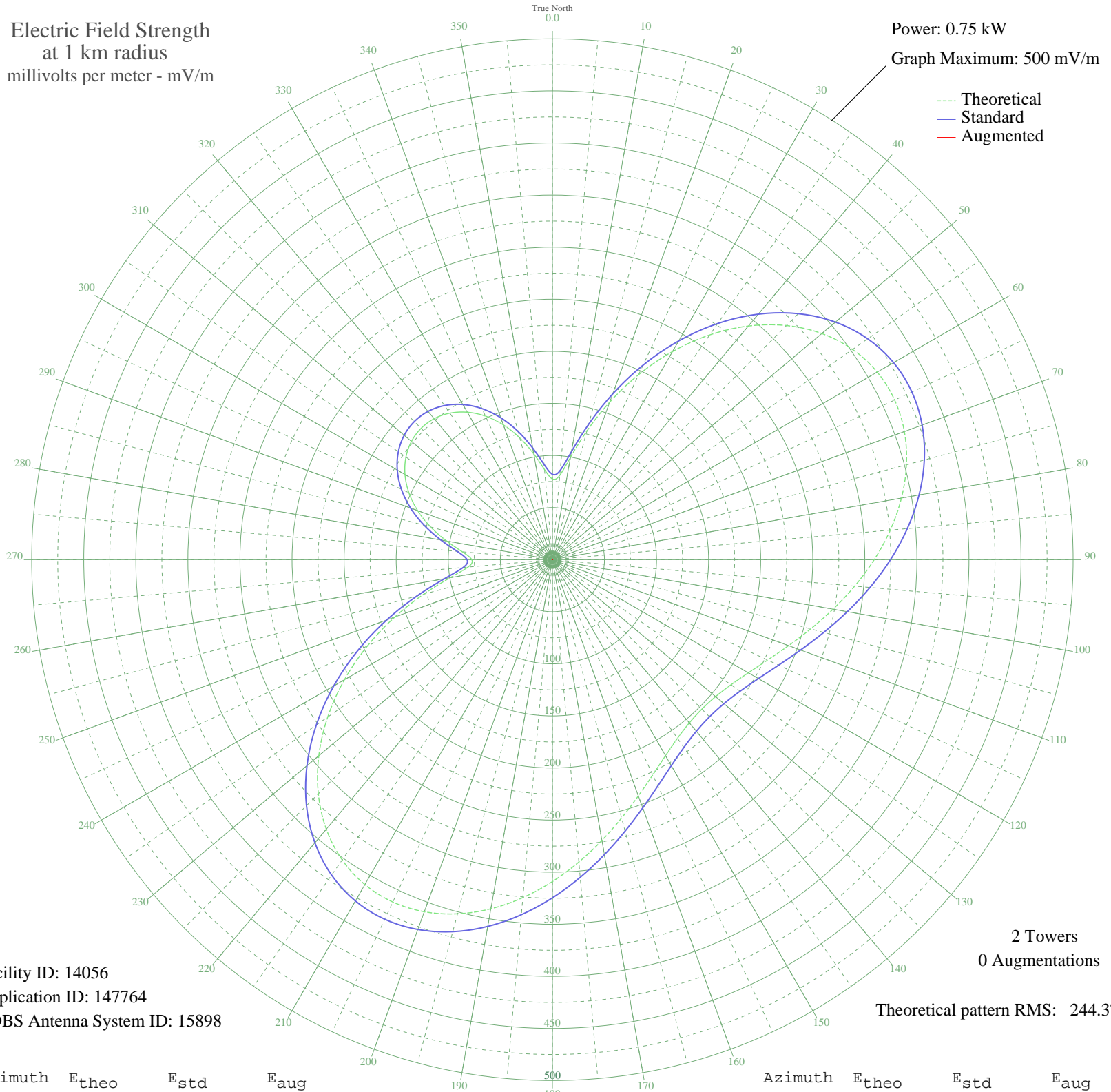


# KFUT THOUSAND PALMS, CA BL-19900427AH 1270 kHz

Nighttime

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

Power: 0.75 kW  
Graph Maximum: 500 mV/m



Facility ID: 14056  
Application ID: 147764  
CDBS Antenna System ID: 15898

2 Towers  
0 Augmentations

Theoretical pattern RMS: 244.37

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	77.39	81.93	
5	81.29	86.00	
10	99.70	105.21	
15	127.85	134.66	
20	160.99	169.36	
25	195.97	206.04	
30	230.66	242.42	
35	263.39	276.76	
40	292.82	307.64	
45	317.87	333.93	
50	337.73	354.77	
55	351.89	369.63	
60	360.14	378.30	
65	362.61	380.88	
70	359.67	377.80	
75	351.97	369.72	
80	340.32	357.49	
85	325.67	342.12	
90	309.02	324.64	
95	291.36	306.11	
100	273.65	287.52	
105	256.72	269.76	
110	241.31	253.59	
115	227.99	239.62	
120	217.24	228.34	
125	209.35	220.07	
130	204.54	215.03	
135	202.93	213.33	
140	204.54	215.03	
145	209.35	220.07	
150	217.24	228.34	
155	227.99	239.62	
160	241.31	253.59	
165	256.72	269.76	
170	273.65	287.52	
175	291.36	306.11	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	309.02	324.64	
185	325.67	342.12	
190	340.32	357.49	
195	351.97	369.72	
200	359.67	377.80	
205	362.61	380.88	
210	360.14	378.30	
215	351.89	369.63	
220	337.73	354.77	
225	317.87	333.93	
230	292.82	307.64	
235	263.39	276.76	
240	230.66	242.42	
245	195.97	206.04	
250	160.99	169.36	
255	127.85	134.66	
260	99.70	105.21	
265	81.29	86.00	
270	77.39	81.93	
275	86.83	91.78	
280	103.12	108.78	
285	120.97	127.46	
290	137.70	144.96	
295	152.05	160.00	
300	163.47	171.96	
305	171.70	180.59	
310	176.67	185.80	
315	178.32	187.53	
320	176.67	185.80	
325	171.70	180.59	
330	163.47	171.96	
335	152.05	160.00	
340	137.70	144.96	
345	120.97	127.46	
350	103.12	108.78	
355	86.83	91.78	