

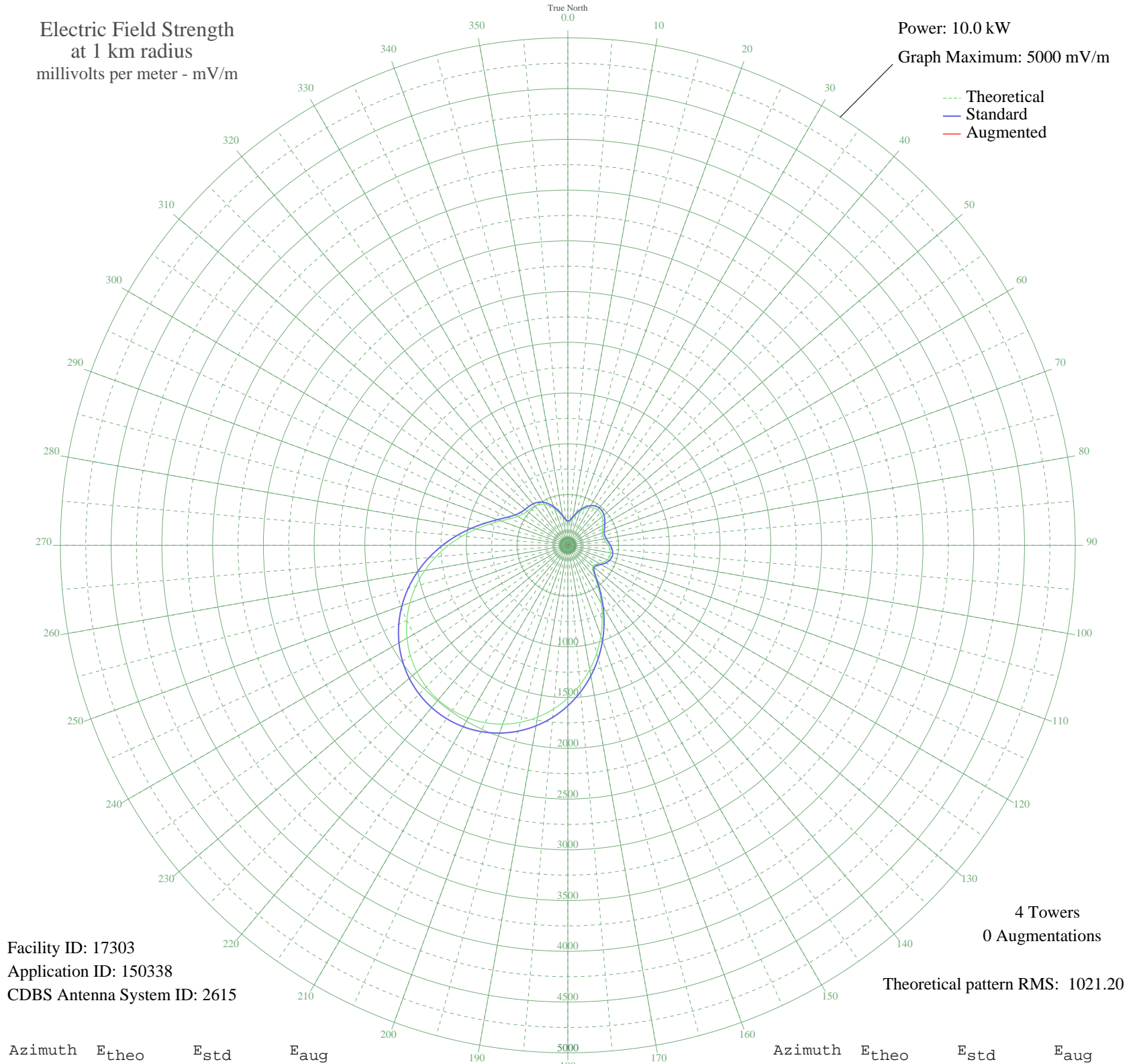
# KAAM GARLAND, TX BL-19900718AD 770 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 17303  
Application ID: 150338  
CDBS Antenna System ID: 2615

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1021.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	224.61	238.63	
5	235.53	249.97	
10	269.11	284.90	
15	313.26	330.93	
20	358.19	377.86	
25	397.79	419.27	
30	428.47	451.36	
35	448.30	472.12	
40	456.62	480.83	
45	453.84	477.92	
50	441.42	464.92	
55	421.91	444.50	
60	399.00	420.53	
65	377.36	397.90	
70	362.01	381.85	
75	356.94	376.55	
80	363.29	383.19	
85	378.64	399.23	
90	398.00	419.48	
95	415.62	437.92	
100	426.39	449.19	
105	426.54	449.34	
110	414.15	436.38	
115	389.80	410.91	
120	357.78	377.43	
125	328.27	346.60	
130	318.93	336.85	
135	348.63	367.87	
140	422.43	445.05	
145	530.66	558.38	
150	660.89	694.89	
155	803.49	844.45	
160	951.41	999.64	
165	1099.33	1154.87	
170	1243.08	1305.74	
175	1379.34	1448.77	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1505.48	1581.17	
185	1619.45	1700.82	
190	1719.70	1806.06	
195	1805.08	1895.68	
200	1874.75	1968.82	
205	1928.12	2024.86	
210	1964.82	2063.38	
215	1984.60	2084.14	
220	1987.32	2087.00	
225	1972.99	2071.96	
230	1941.71	2039.12	
235	1893.75	1988.77	
240	1829.60	1921.42	
245	1749.99	1837.85	
250	1656.01	1739.19	
255	1549.21	1627.07	
260	1431.63	1503.65	
265	1305.96	1371.74	
270	1175.59	1234.91	
275	1044.70	1097.54	
280	918.29	964.89	
285	802.06	842.95	
290	702.07	738.07	
295	623.67	655.86	
300	569.66	599.25	
305	538.29	566.38	
310	523.13	550.49	
315	515.33	542.32	
320	506.65	533.23	
325	491.16	517.00	
330	465.65	490.29	
335	429.41	452.35	
340	383.92	404.76	
345	332.86	351.39	
350	282.48	298.83	
355	242.43	257.15	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission