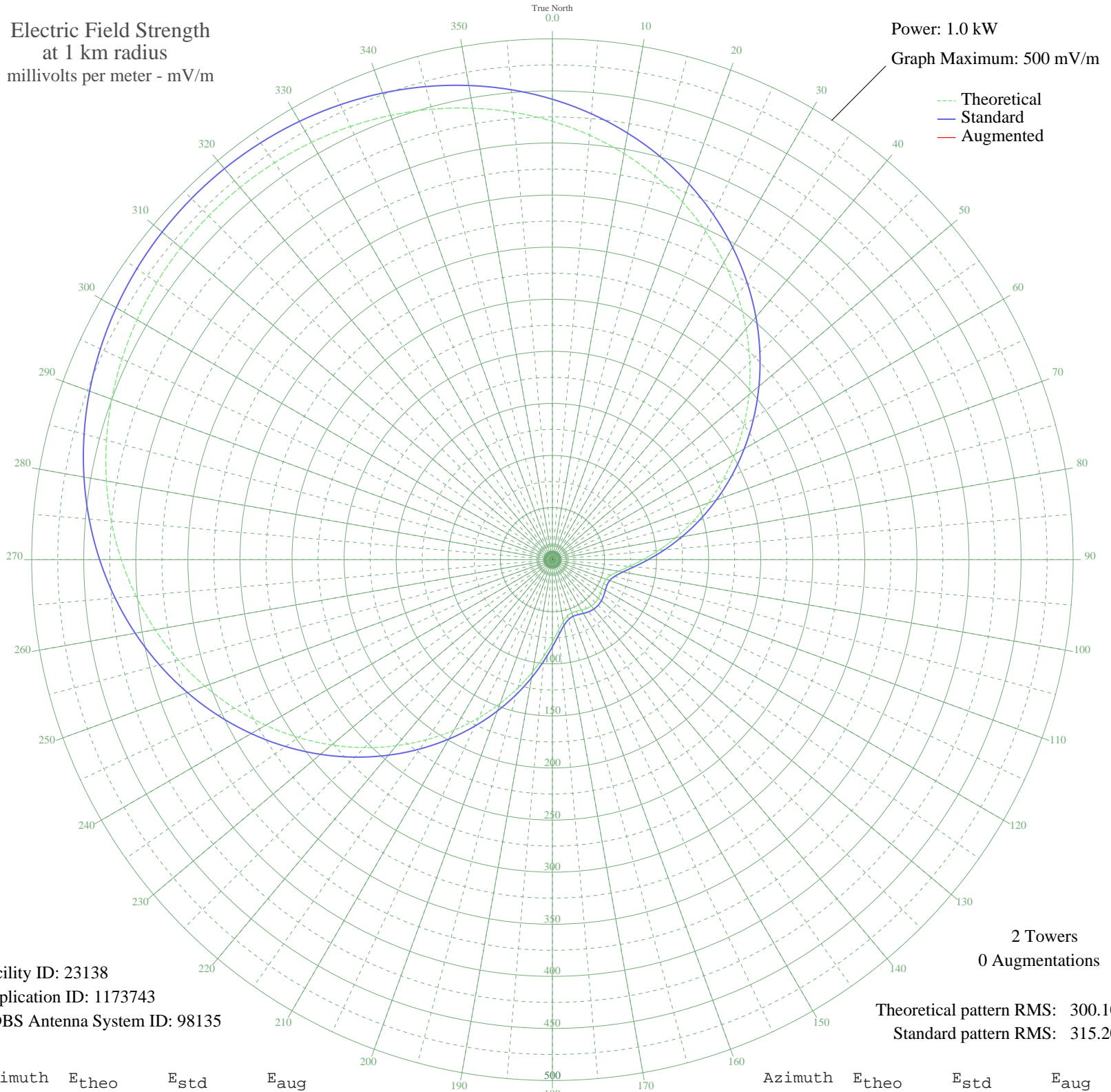


# KFJZ FORT WORTH, TX BL-20070202AGG 870 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 23138  
Application ID: 1173743  
CDBS Antenna System ID: 98135

Theoretical pattern RMS: 300.10  
Standard pattern RMS: 315.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	420.82	441.99	
5	409.07	429.65	
10	395.89	415.81	
15	381.29	400.49	
20	365.30	383.71	
25	348.01	365.56	
30	329.50	346.13	
35	309.91	325.57	
40	289.39	304.04	
45	268.13	281.73	
50	246.36	258.89	
55	224.30	235.75	
60	202.24	212.61	
65	180.44	189.76	
70	159.22	167.51	
75	138.90	146.22	
80	119.83	126.25	
85	102.39	108.03	
90	87.05	92.00	
95	74.26	78.68	
100	64.52	68.56	
105	58.12	61.92	
110	54.90	58.60	
115	54.21	57.88	
120	55.03	58.72	
125	56.40	60.14	
130	57.61	61.40	
135	58.23	62.03	
140	58.07	61.87	
145	57.18	60.95	
150	55.84	59.56	
155	54.58	58.27	
160	54.25	57.92	
165	55.84	59.56	
170	60.28	64.16	
175	68.03	72.20	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	79.04	83.65	
185	92.91	98.11	
190	109.14	115.08	
195	127.28	134.06	
200	146.90	154.60	
205	167.62	176.32	
210	189.11	198.84	
215	211.05	221.85	
220	233.14	245.02	
225	255.11	268.08	
230	276.71	290.73	
235	297.69	312.76	
240	317.86	333.92	
245	337.04	354.05	
250	355.08	372.98	
255	371.86	390.59	
260	387.29	406.80	
265	401.33	421.53	
270	413.94	434.77	
275	425.12	446.50	
280	434.88	456.75	
285	443.26	465.54	
290	450.29	472.92	
295	456.02	478.93	
300	460.49	483.63	
305	463.75	487.05	
310	465.82	489.23	
315	466.74	490.19	
320	466.51	489.95	
325	465.13	488.50	
330	462.59	485.83	
335	458.85	481.91	
340	453.88	476.69	
345	447.64	470.14	
350	440.07	462.20	
355	431.15	452.83	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission