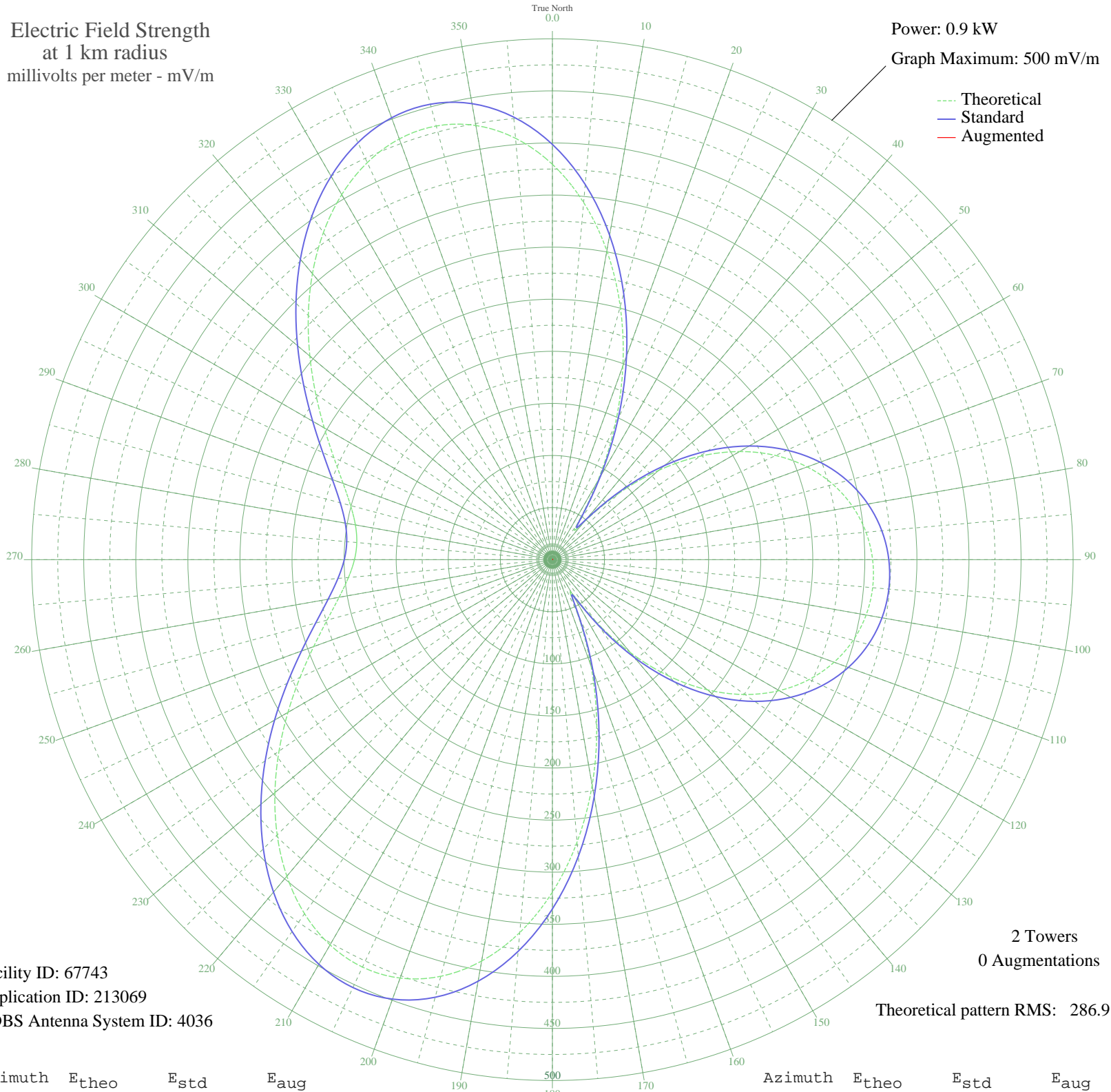


# KXTA RUPERT, ID BL-19950824AA 970 kHz

Nighttime

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

Power: 0.9 kW  
Graph Maximum: 500 mV/m



Facility ID: 67743  
Application ID: 213069  
CDBS Antenna System ID: 4036

2 Towers  
0 Augmentations

Theoretical pattern RMS: 286.91

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	379.53	398.64	
5	344.18	361.54	
10	301.08	316.31	
15	251.72	264.52	
20	197.96	208.12	
25	142.02	149.49	
30	86.94	91.89	
35	41.59	44.91	
40	47.48	50.94	
45	89.94	95.02	
50	133.53	140.60	
55	173.12	182.07	
60	207.57	218.20	
65	236.62	248.68	
70	260.34	273.56	
75	278.98	293.11	
80	292.85	307.67	
85	302.27	317.55	
90	307.50	323.04	
95	308.69	324.30	
100	305.89	321.36	
105	299.01	314.14	
110	287.85	302.42	
115	272.11	285.91	
120	251.48	264.26	
125	225.65	237.17	
130	194.43	204.42	
135	157.86	166.09	
140	116.46	122.73	
145	72.13	76.46	
150	36.58	39.81	
155	57.08	60.85	
160	108.58	114.49	
165	164.49	173.04	
170	219.86	231.09	
175	272.10	285.90	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	319.17	335.29	
185	359.32	377.43	
190	391.24	410.94	
195	414.06	434.89	
200	427.44	448.93	
205	431.53	453.23	
210	427.01	448.48	
215	414.93	435.80	
220	396.65	416.62	
225	373.74	392.57	
230	347.81	365.36	
235	320.48	336.66	
240	293.21	308.05	
245	267.33	280.90	
250	243.95	256.36	
255	223.94	235.38	
260	208.00	218.66	
265	196.61	206.71	
270	190.07	199.85	
275	188.55	198.26	
280	192.09	201.97	
285	200.60	210.89	
290	213.86	224.80	
295	231.49	243.29	
300	252.94	265.79	
305	277.44	291.50	
310	304.02	319.40	
315	331.48	348.22	
320	358.44	376.51	
325	383.36	402.66	
330	404.61	424.97	
335	420.59	441.74	
340	429.79	451.41	
345	430.98	452.65	
350	423.22	444.50	
355	406.06	426.49	

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.

22 Nov 2018

Prepared by Audio Division, Media Bureau  
Federal Communications Commission