

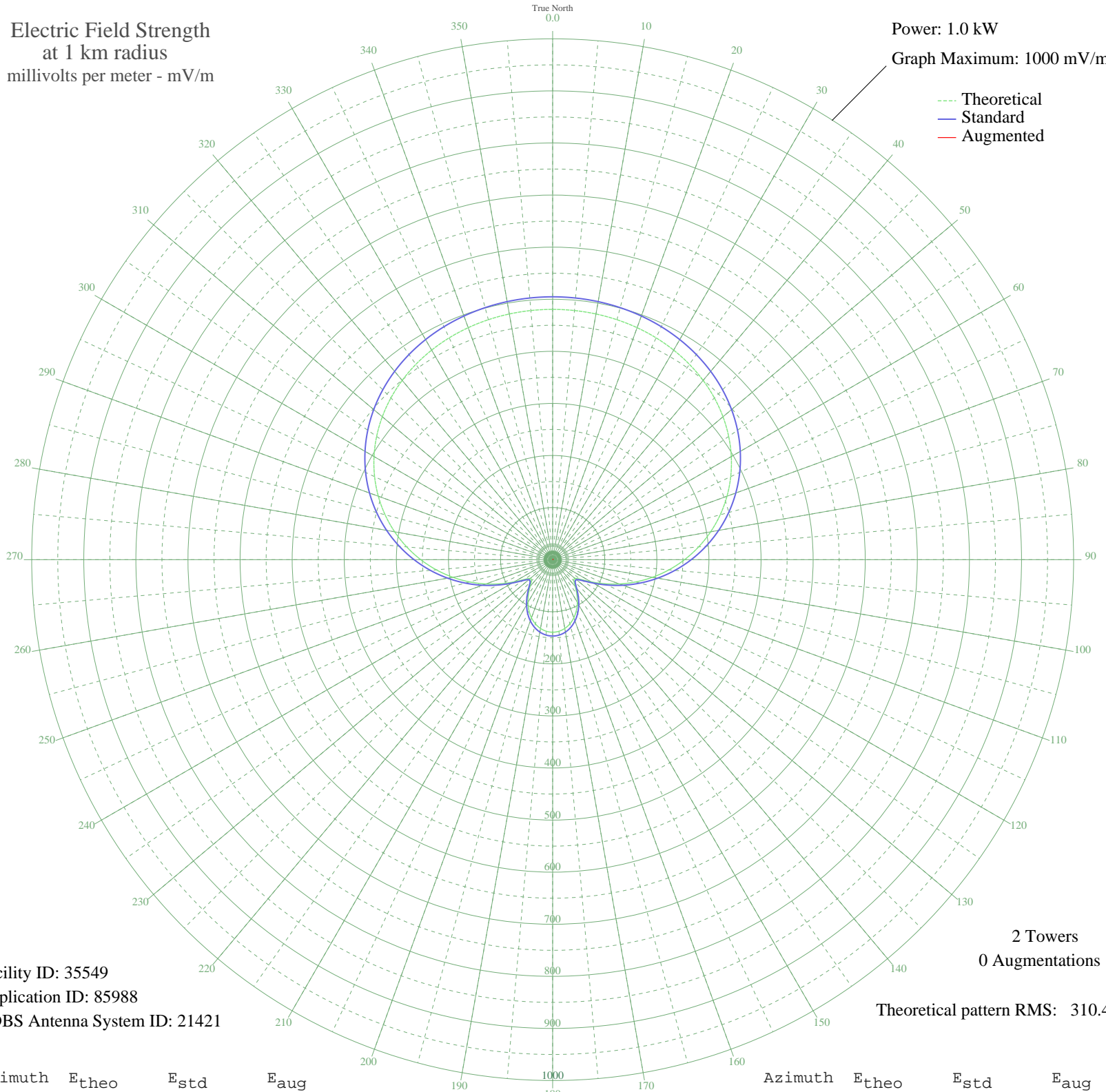
KRIZ RENTON, WA BL-19860220AF 1420 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 35549
Application ID: 85988
CDBS Antenna System ID: 21421

2 Towers
0 Augmentations

Theoretical pattern RMS: 310.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	480.53	504.66	
5	480.15	504.26	
10	478.98	503.04	
15	476.96	500.92	
20	473.98	497.79	
25	469.90	493.51	
30	464.56	487.90	
35	457.77	480.78	
40	449.34	471.93	
45	439.09	461.17	
50	426.85	448.32	
55	412.50	433.25	
60	395.93	415.86	
65	377.13	396.13	
70	356.13	374.08	
75	333.02	349.82	
80	307.98	323.55	
85	281.26	295.51	
90	253.19	266.06	
95	224.15	235.60	
100	194.62	204.62	
105	165.12	173.70	
110	136.34	143.54	
115	109.16	115.10	
120	84.93	89.79	
125	66.00	70.09	
130	56.02	59.75	
135	57.44	61.22	
140	67.36	71.50	
145	80.86	85.55	
150	94.82	100.11	
155	107.71	113.58	
160	118.79	125.17	
165	127.66	134.45	
170	134.11	141.20	
175	138.02	145.30	

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 _{theo}	E _{std}	E _{aug}
180	139.33	146.67	
185	138.02	145.30	
190	134.11	141.20	
195	127.66	134.45	
200	118.79	125.17	
205	107.71	113.58	
210	94.82	100.11	
215	80.86	85.55	
220	67.36	71.50	
225	57.44	61.22	
230	56.02	59.75	
235	66.00	70.09	
240	84.93	89.79	
245	109.16	115.10	
250	136.34	143.54	
255	165.12	173.70	
260	194.62	204.62	
265	224.15	235.60	
270	253.19	266.06	
275	281.26	295.51	
280	307.98	323.55	
285	333.02	349.82	
290	356.13	374.08	
295	377.13	396.13	
300	395.93	415.86	
305	412.50	433.25	
310	426.85	448.32	
315	439.09	461.17	
320	449.34	471.93	
325	457.77	480.78	
330	464.56	487.91	
335	469.90	493.51	
340	473.98	497.79	
345	476.96	500.92	
350	478.98	503.04	
355	480.15	504.26	