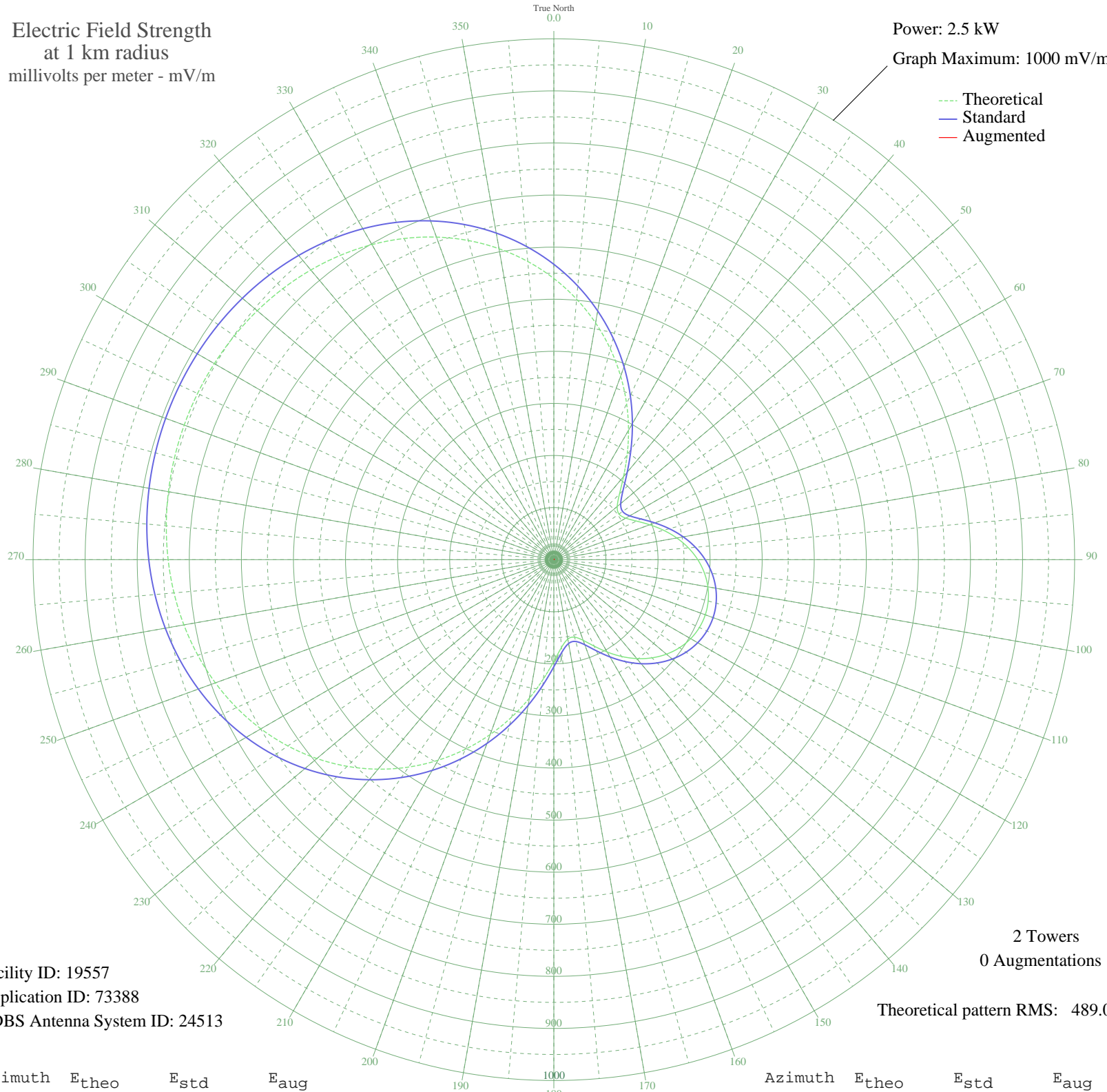


# KRTA MEDFORD, OR BL-19841018AF 610 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 19557  
Application ID: 73388  
CDBS Antenna System ID: 24513

2 Towers  
0 Augmentations

Theoretical pattern RMS: 489.08

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	539.86	567.09	
5	502.00	527.37	
10	461.52	484.88	
15	418.94	440.20	
20	374.98	394.08	
25	330.55	347.47	
30	286.82	301.62	
35	245.32	258.12	
40	208.17	219.21	
45	178.22	187.86	
50	158.88	167.65	
55	152.77	161.26	
60	159.41	168.20	
65	175.22	184.72	
70	195.89	206.35	
75	218.11	229.61	
80	239.72	252.25	
85	259.41	272.88	
90	276.37	290.66	
95	290.10	305.06	
100	300.30	315.76	
105	306.80	322.57	
110	309.49	325.39	
115	308.34	324.18	
120	303.36	318.96	
125	294.62	309.79	
130	282.27	296.85	
135	266.55	280.37	
140	247.88	260.80	
145	226.91	238.84	
150	204.73	215.61	
155	183.12	192.99	
160	164.88	173.92	
165	154.04	162.60	
170	154.79	163.38	
175	169.02	178.25	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	195.14	205.57	
185	229.80	241.86	
190	269.85	283.83	
195	312.90	328.96	
200	357.20	375.43	
205	401.47	421.87	
210	444.70	467.23	
215	486.10	510.67	
220	525.06	551.56	
225	561.14	589.43	
230	594.01	623.94	
235	623.51	654.90	
240	649.58	682.26	
245	672.24	706.04	
250	691.62	726.39	
255	707.91	743.49	
260	721.34	757.59	
265	732.17	768.96	
270	740.65	777.86	
275	747.03	784.55	
280	751.50	789.25	
285	754.24	792.13	
290	755.35	793.29	
295	754.88	792.79	
300	752.80	790.61	
305	749.04	786.66	
310	743.44	780.79	
315	735.83	772.80	
320	725.97	762.45	
325	713.61	749.48	
330	698.49	733.61	
335	680.37	714.58	
340	659.04	692.19	
345	634.35	666.28	
350	606.23	636.75	
355	574.68	603.65	

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