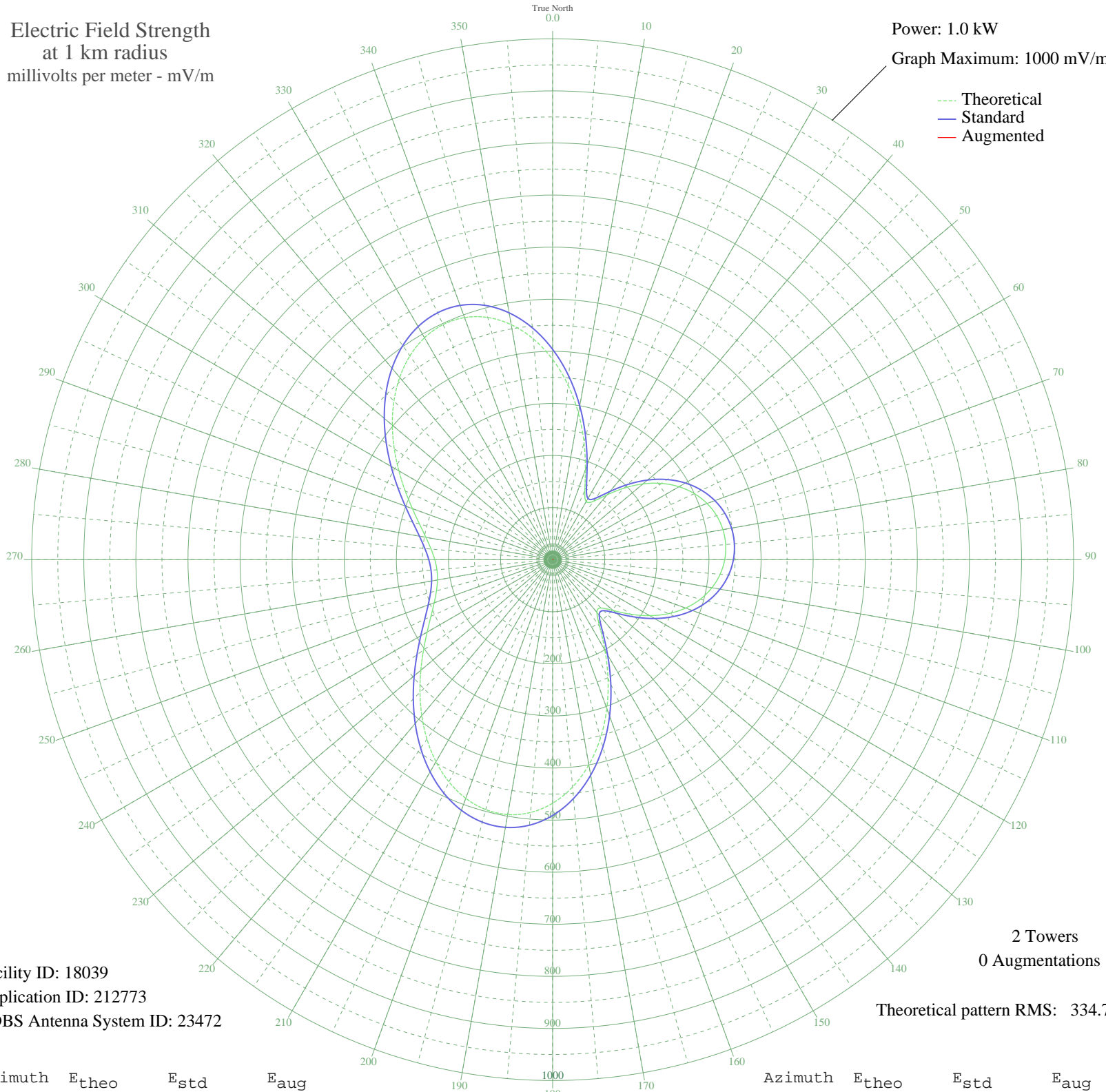


KGAL LEBANON, OR BL-19950815AB 1580 kHz

Unlimited Time

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 18039
Application ID: 212773
CDBS Antenna System ID: 23472

2 Towers
0 Augmentations

Theoretical pattern RMS: 334.71

Azimuth	E _{theo}	E _{std}	E _{aug}
0	384.41	403.77	
5	336.84	353.84	
10	285.16	299.61	
15	232.63	244.49	
20	183.84	193.32	
25	145.96	153.61	
30	128.75	135.60	
35	136.90	144.13	
40	162.36	170.81	
45	194.27	204.26	
50	226.23	237.77	
55	255.25	268.21	
60	280.04	294.23	
65	300.12	315.30	
70	315.40	331.34	
75	325.96	342.42	
80	331.91	348.66	
85	333.34	350.17	
90	330.29	346.96	
95	322.70	338.99	
100	310.45	326.14	
105	293.45	308.30	
110	271.64	285.42	
115	245.24	257.72	
120	214.96	225.95	
125	182.54	191.96	
130	151.97	159.91	
135	131.34	138.31	
140	132.00	139.00	
145	157.75	165.97	
150	200.59	210.88	
155	251.39	264.17	
160	304.06	319.43	
165	354.58	372.46	
170	400.04	420.18	
175	438.25	460.29	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	467.66	491.15	
185	487.32	511.79	
190	496.93	521.88	
195	496.77	521.71	
200	487.65	512.14	
205	470.84	494.50	
210	447.91	470.42	
215	420.62	441.77	
220	390.78	410.45	
225	360.14	378.29	
230	330.30	346.98	
235	302.63	317.94	
240	278.22	292.32	
245	257.83	270.93	
250	241.96	254.28	
255	230.84	242.61	
260	224.52	235.98	
265	222.99	234.37	
270	226.24	237.79	
275	234.29	246.23	
280	247.14	259.71	
285	264.67	278.10	
290	286.58	301.09	
295	312.27	328.05	
300	340.86	358.06	
305	371.15	389.85	
310	401.70	421.92	
315	430.83	452.50	
320	456.76	479.72	
325	477.69	501.68	
330	491.89	516.59	
335	497.91	522.91	
340	494.62	519.46	
345	481.40	505.58	
350	458.16	481.18	
355	425.44	446.84	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission