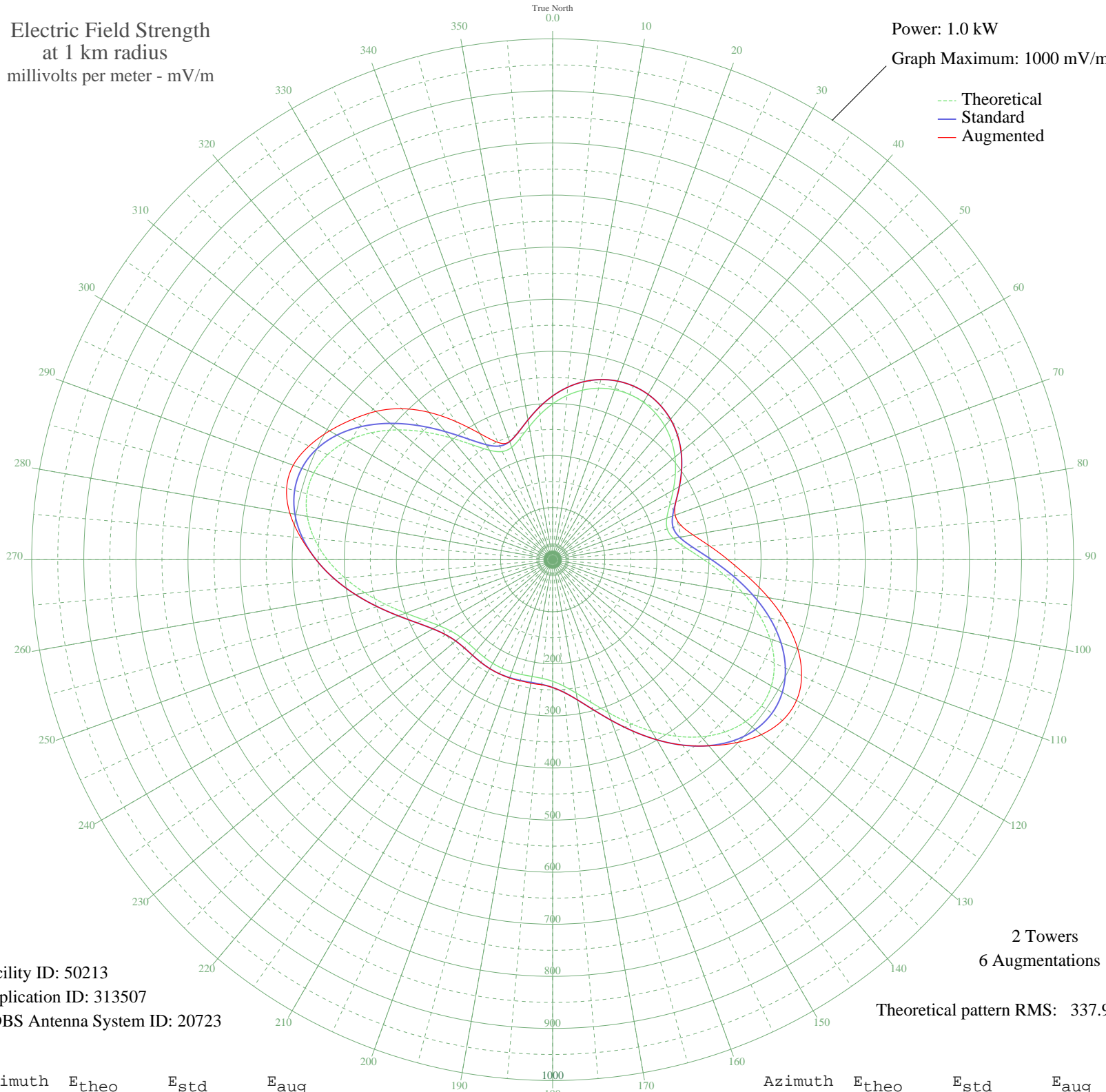


KXCA LAWTON, OK BL-- 1380 kHz

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: 50213
Application ID: 313507
CDBS Antenna System ID: 20723

2 Towers
6 Augmentations

Theoretical pattern RMS: 337.96

Azimuth	E _{theo}	E _{std}	E _{aug}
0	299.16	314.30	314.30
5	316.41	332.40	332.40
10	330.41	347.09	347.09
15	340.74	357.94	357.94
20	347.27	364.78	364.78
25	349.96	367.60	367.60
30	348.81	366.40	366.40
35	343.82	361.16	361.16
40	335.00	351.90	351.90
45	322.44	338.72	338.72
50	306.41	321.90	321.90
55	287.59	302.15	302.15
60	267.31	280.87	280.87
65	247.94	260.55	260.69
70	233.19	245.07	250.19
75	227.71	239.33	254.83
80	235.44	247.44	273.62
85	257.21	270.28	302.34
90	290.25	304.94	336.35
95	329.90	346.56	376.25
100	371.40	390.11	420.87
105	410.58	431.24	464.03
110	444.08	466.40	500.67
115	469.35	492.93	527.20
120	484.74	509.09	540.53
125	489.43	514.01	538.38
130	483.49	507.77	522.72
135	467.78	491.28	497.24
140	443.84	466.15	466.70
145	413.79	434.61	434.61
150	380.10	399.24	399.24
155	345.41	362.83	362.83
160	312.36	328.15	328.15
165	283.33	297.68	297.68
170	260.10	273.31	273.31
175	243.58	255.97	255.97

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	233.56	245.46	245.46
185	228.84	240.52	241.05
190	227.70	239.31	240.91
195	228.36	240.01	240.82
200	229.44	241.15	241.78
205	230.04	241.77	241.77
210	229.77	241.49	241.49
215	228.81	240.48	240.48
220	227.83	239.46	239.46
225	228.06	239.69	239.69
230	231.13	242.91	242.91
235	238.84	251.00	251.00
240	252.67	265.51	265.51
245	273.27	287.12	287.12
250	300.15	315.33	315.33
255	331.85	348.60	348.60
260	366.19	384.64	384.64
265	400.61	420.77	420.77
270	432.43	454.17	454.17
275	459.08	482.15	485.23
280	478.31	502.33	512.19
285	488.30	512.82	528.69
290	487.92	512.42	530.02
295	476.76	500.71	516.10
300	455.29	478.17	494.50
305	424.82	446.19	469.42
310	387.56	407.07	442.89
315	346.53	364.01	409.90
320	305.59	321.05	369.25
325	269.32	282.98	323.62
330	242.55	254.90	279.62
335	229.08	240.77	248.30
340	229.62	241.33	241.33
345	241.24	253.52	253.52
350	259.28	272.44	272.44
355	279.55	293.71	293.71