

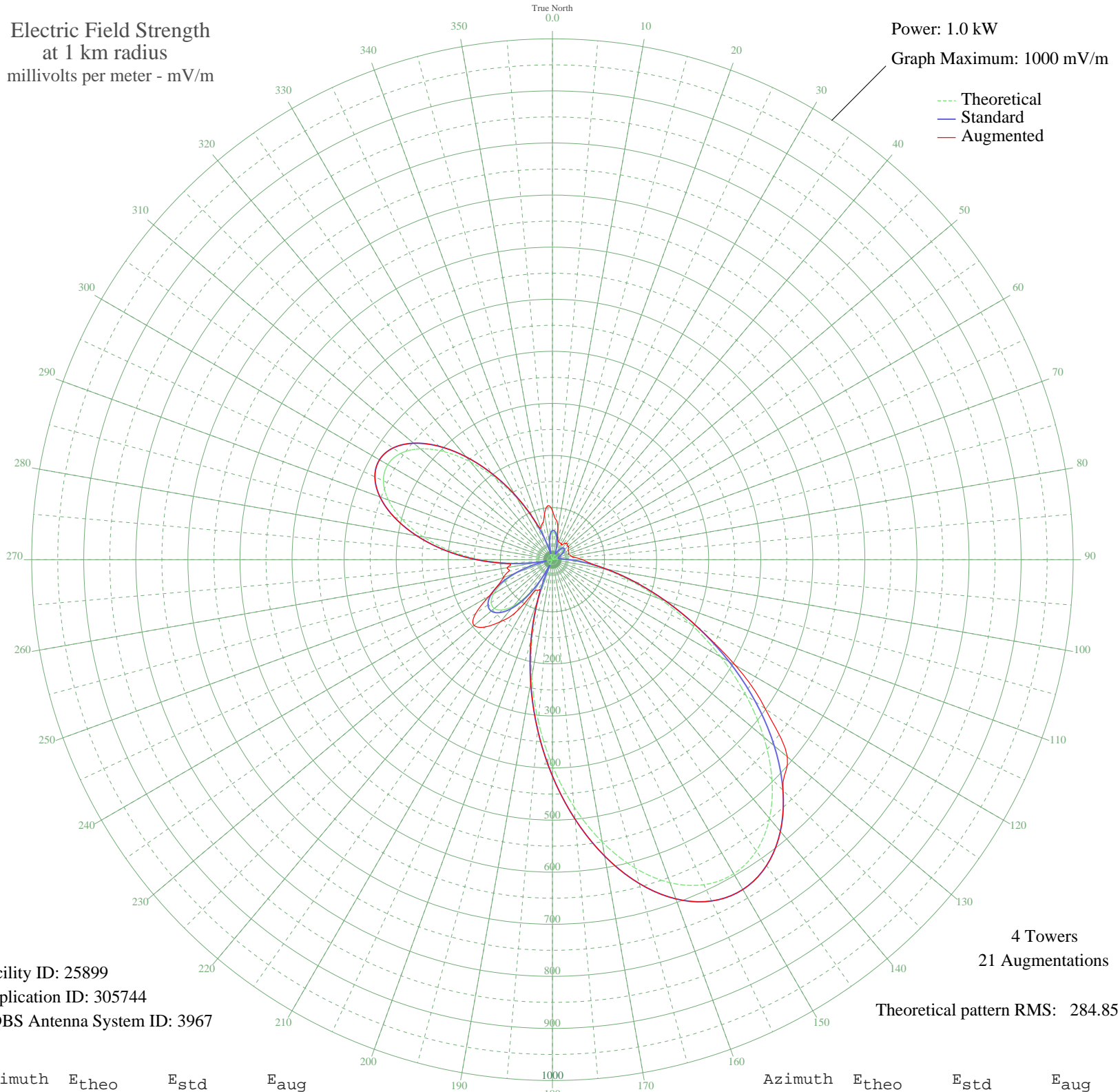
KGWA ENID, OK BL-- 960 kHz

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: 25899
Application ID: 305744
CDBS Antenna System ID: 3967

4 Towers
21 Augmentations

Theoretical pattern RMS: 284.85

Azimuth	E _{theo}	E _{std}	E _{aug}
0	52.12	55.93	93.93
5	50.69	54.46	77.25
10	42.90	46.50	60.52
15	30.97	34.49	40.44
20	17.04	21.28	36.02
25	3.07	11.96	34.73
30	9.36	15.14	33.75
35	19.06	23.09	36.94
40	25.31	28.96	41.02
45	27.81	31.39	39.79
50	26.69	30.30	40.40
55	22.52	26.30	37.52
60	16.24	20.58	35.00
65	9.18	15.02	34.79
70	3.02	11.95	32.50
75	0.25	11.52	34.59
80	1.54	11.63	37.01
85	10.63	16.04	44.93
90	29.13	32.68	57.94
95	58.73	62.74	71.28
100	100.48	106.13	106.13
105	154.47	162.61	162.61
110	219.66	230.93	230.93
115	293.72	308.62	308.62
120	373.16	391.99	405.81
125	453.47	476.28	498.90
130	529.53	556.12	588.80
135	596.12	626.03	626.03
140	648.45	680.97	680.97
145	682.69	716.92	716.92
150	696.35	731.26	731.26
155	688.55	723.07	723.07
160	659.98	693.08	693.08
165	612.81	643.56	643.56
170	550.30	577.93	577.93
175	476.43	500.38	500.38

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	395.46	415.39	415.39
185	311.56	327.34	327.34
190	228.53	240.23	240.23
195	149.56	157.46	157.46
200	77.23	81.90	81.90
205	13.41	18.19	65.31
210	40.55	44.11	72.15
215	83.82	88.76	124.13
220	115.90	122.24	155.50
225	136.55	143.84	182.77
230	145.70	153.42	196.34
235	143.45	151.06	179.63
240	130.00	136.99	140.61
245	105.78	111.66	114.43
250	71.46	75.91	100.24
255	28.11	31.68	86.90
260	22.76	26.52	88.17
265	79.06	83.81	87.46
270	138.16	145.52	145.52
275	196.90	207.06	207.06
280	251.75	264.59	264.59
285	299.08	314.24	314.24
290	335.46	352.42	352.42
295	358.08	376.16	376.16
300	365.06	383.49	383.49
305	355.79	373.76	373.76
310	331.05	347.80	347.80
315	293.01	307.87	307.87
320	244.96	257.47	257.47
325	191.03	200.91	200.91
330	135.60	142.85	142.85
335	82.89	87.80	87.80
340	36.45	39.97	64.44
345	1.15	11.58	72.42
350	28.46	32.03	88.18
355	45.21	48.85	103.80