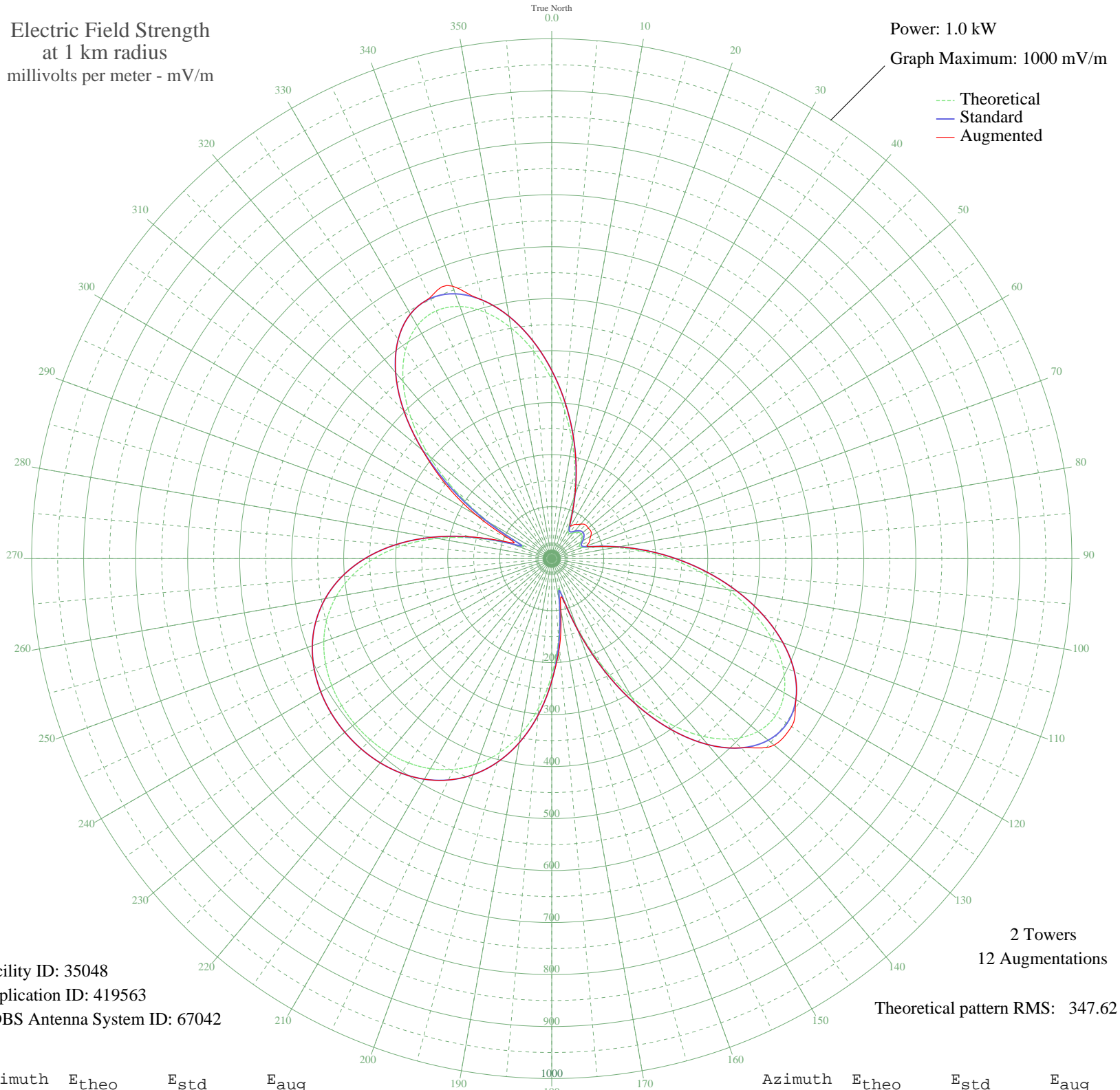


# KCKM MONAHANS, TX -- 1330 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 35048  
Application ID: 419563  
CDBS Antenna System ID: 67042

2 Towers  
12 Augmentations  
Theoretical pattern RMS: 347.62

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	344.71	362.10	362.10
5	285.64	300.11	300.11
10	227.10	238.69	238.69
15	172.22	181.13	181.13
20	124.02	130.64	130.64
25	86.07	90.98	90.98
30	63.37	67.36	71.96
35	58.74	62.56	80.47
40	64.76	68.80	86.66
45	71.46	75.76	91.86
50	74.09	78.50	91.73
55	71.46	75.76	91.86
60	64.76	68.80	86.66
65	58.74	62.56	80.47
70	63.37	67.36	71.96
75	86.07	90.98	90.98
80	124.02	130.64	130.64
85	172.22	181.13	181.13
90	227.10	238.69	238.69
95	285.64	300.11	300.11
100	344.71	362.10	362.10
105	400.91	421.08	421.08
110	450.60	473.24	473.24
115	490.14	514.75	514.75
120	516.15	542.06	542.06
125	525.86	552.25	563.09
130	517.41	543.38	558.15
135	490.12	514.74	514.74
140	444.63	466.98	466.98
145	382.87	402.15	402.15
150	308.04	323.61	323.61
155	224.47	235.93	235.93
160	138.42	145.72	145.72
165	67.09	71.22	78.22
170	81.56	86.27	99.77
175	152.46	160.42	171.04

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	224.11	235.55	235.55
185	287.99	302.57	302.57
190	342.15	359.41	359.41
195	386.30	405.75	405.75
200	421.01	442.18	442.18
205	447.30	469.78	469.78
210	466.44	489.88	489.88
215	479.72	503.82	503.82
220	488.29	512.81	512.81
225	493.04	517.80	517.80
230	494.57	519.40	519.40
235	493.04	517.80	517.80
240	488.29	512.81	512.81
245	479.72	503.82	503.82
250	466.44	489.88	489.88
255	447.30	469.78	469.78
260	421.01	442.18	442.18
265	386.30	405.75	405.75
270	342.15	359.41	359.41
275	287.99	302.57	302.57
280	224.11	235.55	235.55
285	152.46	160.42	161.76
290	81.56	86.27	96.62
295	67.09	71.22	91.02
300	138.42	145.72	168.06
305	224.47	235.93	248.27
310	308.04	323.61	324.72
315	382.87	402.15	402.15
320	444.63	466.98	466.98
325	490.12	514.74	514.74
330	517.41	543.38	543.38
335	525.86	552.25	553.90
340	516.15	542.06	557.79
345	490.14	514.75	514.75
350	450.60	473.24	473.24
355	400.91	421.08	421.08