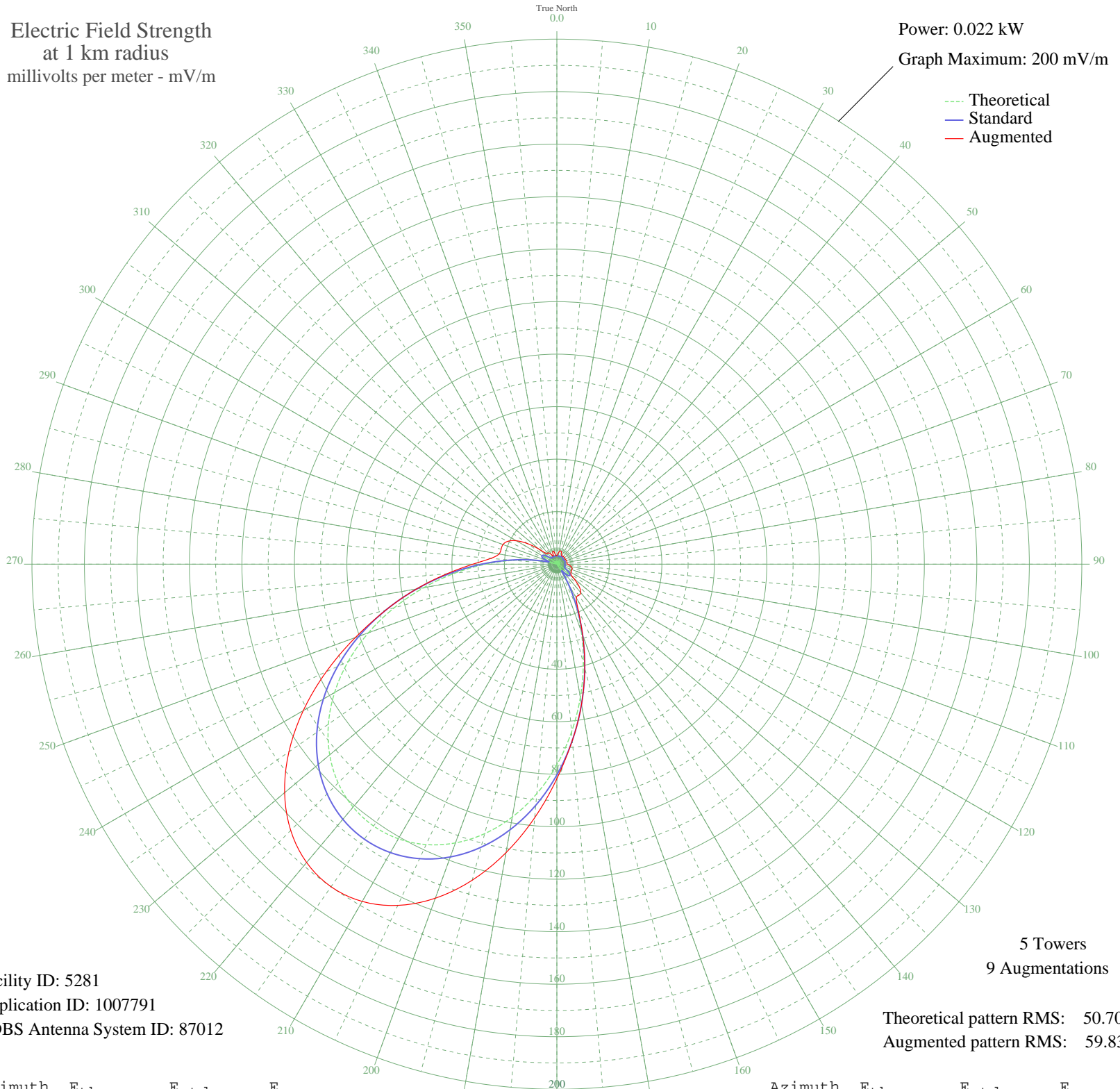


KQQZ DESOTO, MO BL-20040727AGL 1190 kHz

Nighttime

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

Power: 0.022 kW
Graph Maximum: 200 mV/m



Facility ID: 5281
Application ID: 1007791
CDBS Antenna System ID: 87012

5 Towers
9 Augmentations

Theoretical pattern RMS: 50.70
Augmented pattern RMS: 59.83

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1.48	3.34	3.34
5	1.28	3.25	3.84
10	0.80	3.08	4.74
15	0.13	2.96	5.23
20	0.57	3.02	5.02
25	1.19	3.21	4.24
30	1.61	3.41	3.62
35	1.76	3.49	3.74
40	1.61	3.41	3.83
45	1.19	3.21	3.81
50	0.57	3.02	3.75
55	0.13	2.96	3.73
60	0.80	3.08	3.77
65	1.28	3.25	3.82
70	1.48	3.34	3.91
75	1.34	3.28	3.94
80	0.87	3.10	3.90
85	0.18	2.97	3.85
90	0.57	3.02	4.08
95	1.15	3.20	4.82
100	1.35	3.28	5.56
105	0.99	3.14	6.00
110	0.01	2.96	6.10
115	1.49	3.35	6.06
120	3.23	4.50	6.18
125	4.77	5.82	6.53
130	5.59	6.58	8.37
135	5.13	6.15	11.96
140	2.90	4.25	14.15
145	1.43	3.32	14.45
150	7.99	8.90	14.82
155	16.67	17.76	19.19
160	27.15	28.66	28.69
165	38.95	41.00	41.00
170	51.48	54.14	54.14
175	64.16	67.43	67.43

Azimuth	E _{theo}	E _{std}	E _{aug}
180	76.41	80.28	81.73
185	87.75	92.18	96.94
190	97.80	102.73	111.58
195	106.27	111.63	124.63
200	113.00	118.68	135.40
205	117.85	123.78	143.41
210	120.78	126.86	148.34
215	121.76	127.89	150.00
220	120.78	126.86	148.34
225	117.85	123.78	143.41
230	113.00	118.68	135.40
235	106.27	111.63	124.63
240	97.80	102.73	111.58
245	87.75	92.18	96.94
250	76.41	80.28	81.73
255	64.16	67.43	67.43
260	51.48	54.14	54.28
265	38.95	41.00	42.06
270	27.15	28.66	31.97
275	16.67	17.76	25.26
280	7.99	8.90	22.39
285	1.43	3.32	21.98
290	2.90	4.25	21.85
295	5.13	6.15	20.61
300	5.59	6.58	17.83
305	4.77	5.82	13.66
310	3.23	4.50	8.94
315	1.49	3.35	5.59
320	0.01	2.96	5.55
325	0.99	3.14	5.19
330	1.35	3.28	4.19
335	1.15	3.20	3.30
340	0.57	3.02	4.60
345	0.18	2.97	5.17
350	0.87	3.10	3.99
355	1.34	3.28	3.28

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