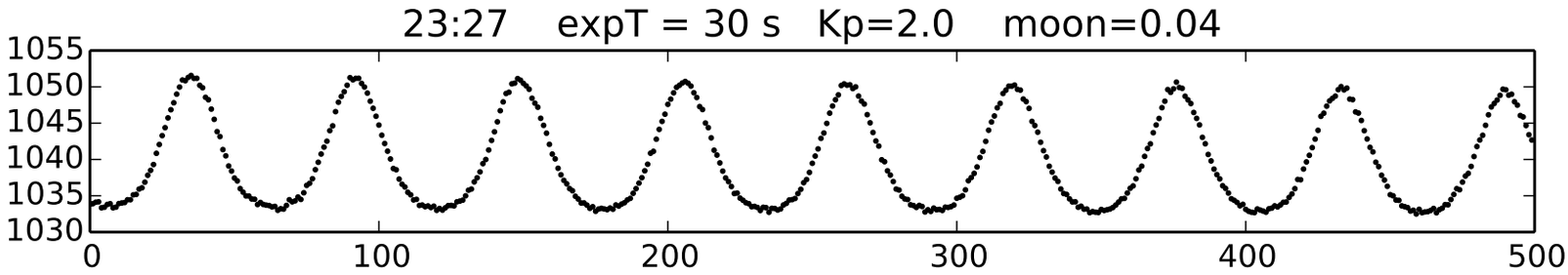
23:27 expT = 30 s Kp=2.0 moon=0.04
1055
1050
1045
1040
1035
1030
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200
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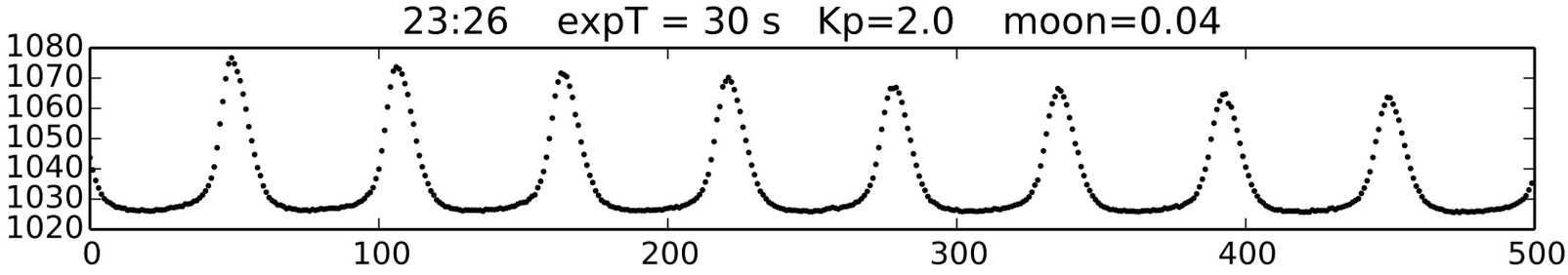
400
500


23:26 expT = 30 s Kp=2.0 moon=0.04
1080
1070
1060
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1040
1030
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200
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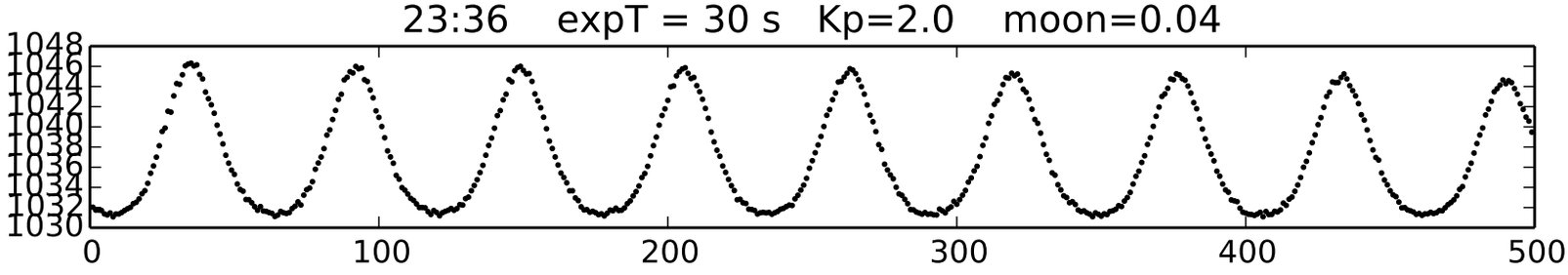
400
500


23:36 expT = 30 s Kp=2.0 moon=0.04
1048
1046
1044
1042
1040
1038
1036
1034
1032
1030
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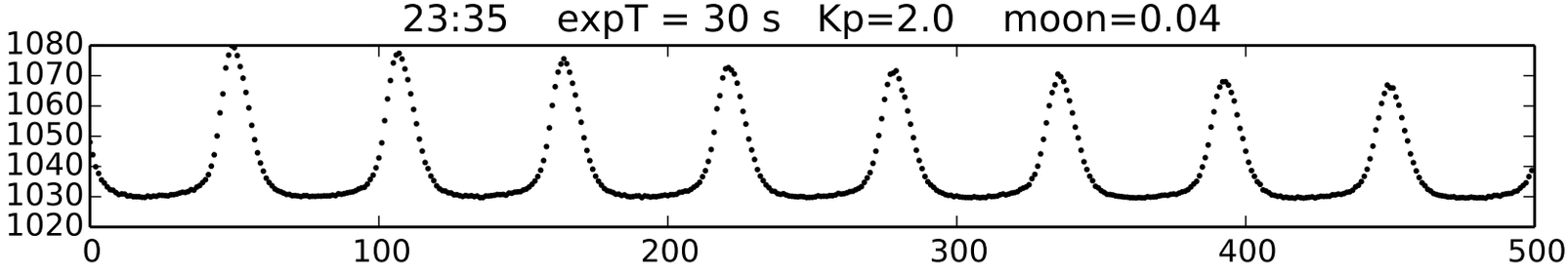
200
300
400
500


23:35 expT = 30 s Kp=2.0 moon=0.04
1080
1070
1060
1050
1040
1030
1020
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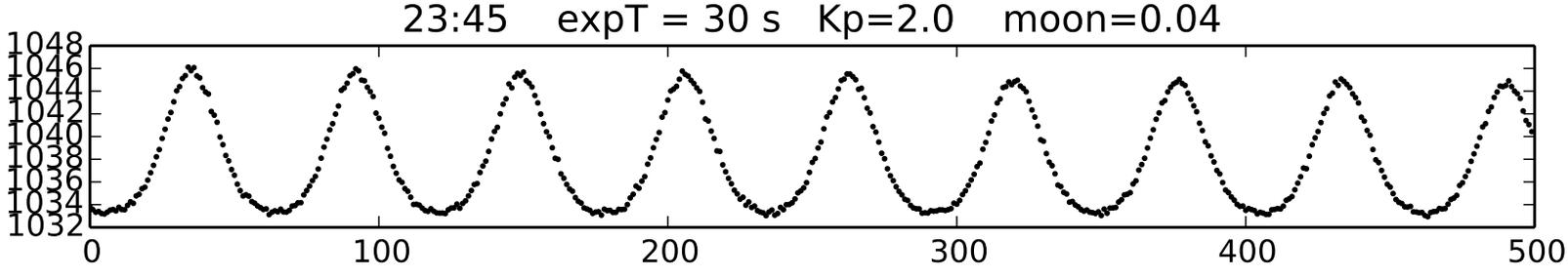
200
300
400
500


23:45 expT = 30 s Kp=2.0 moon=0.04
1048
1046
1044
1042
1040
1038
1036
1034
1032
0
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200
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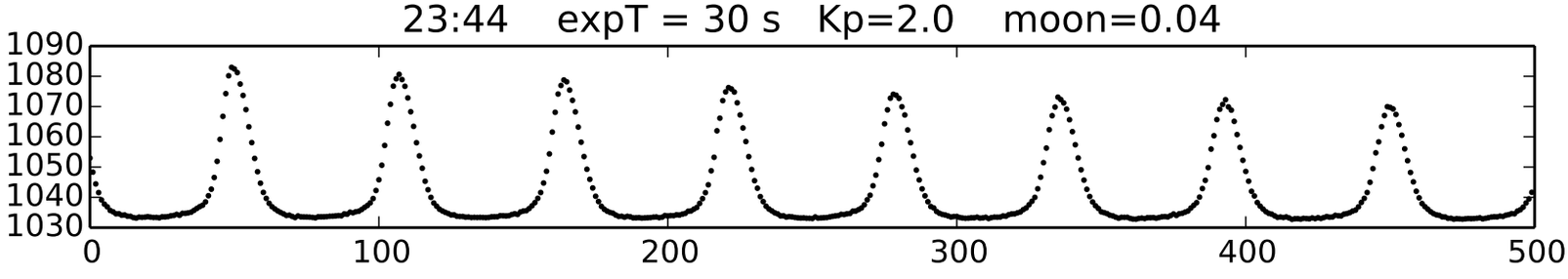
400
500


23:44 expT = 30 s Kp=2.0 moon=0.04
1090
1080
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1060
1050
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1030
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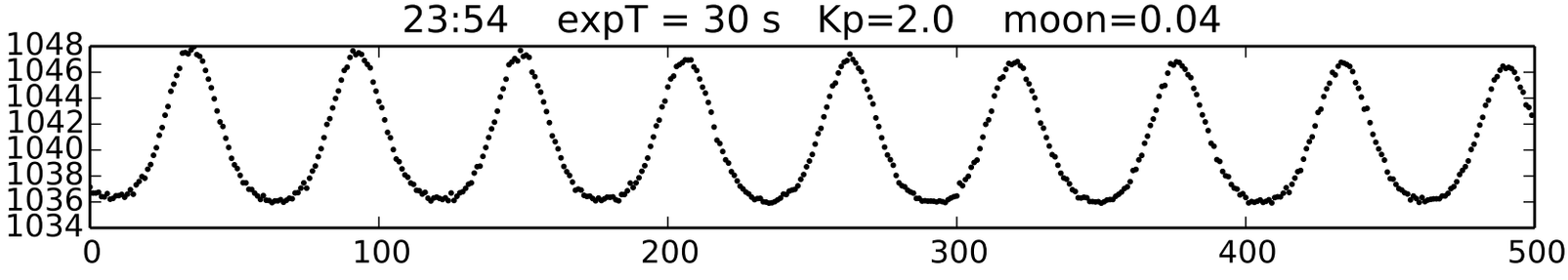
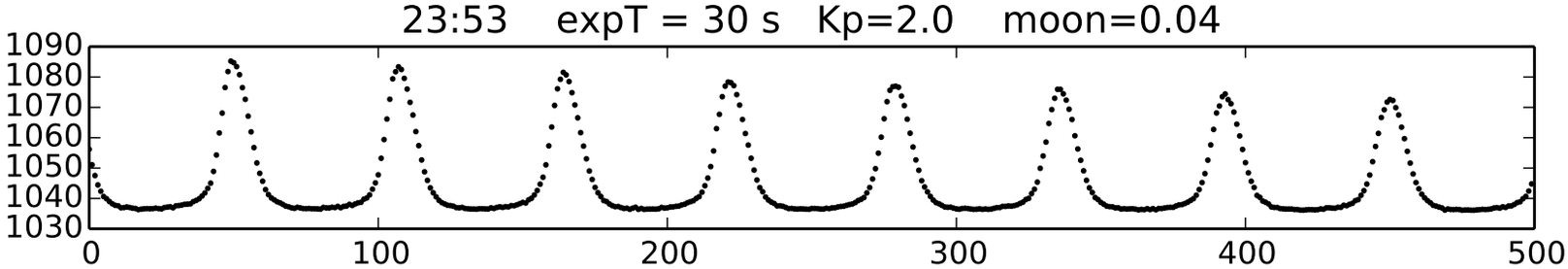
200
300
400
500


23:54 expT = 30 s Kp=2.0 moon=0.04
1048
1046
1044
1042
1040
1038
1036
1034
0
100
200
300
400
500


23:53 expT = 30 s Kp=2.0 moon=0.04
1090
1080
1070
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1050
1040
1030
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100
200
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400
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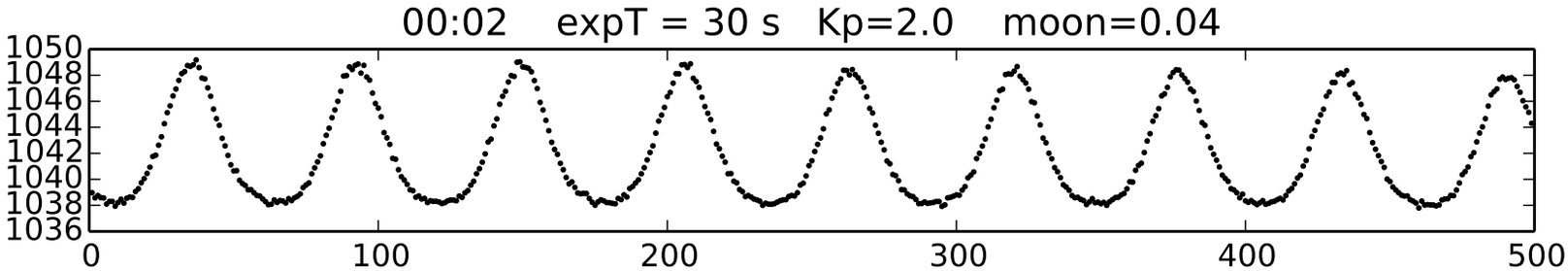
00:02 expT = 30 s Kp=2.0 moon=0.04
1050
1048
1046
1044
1042
1040
1038
1036
0
100
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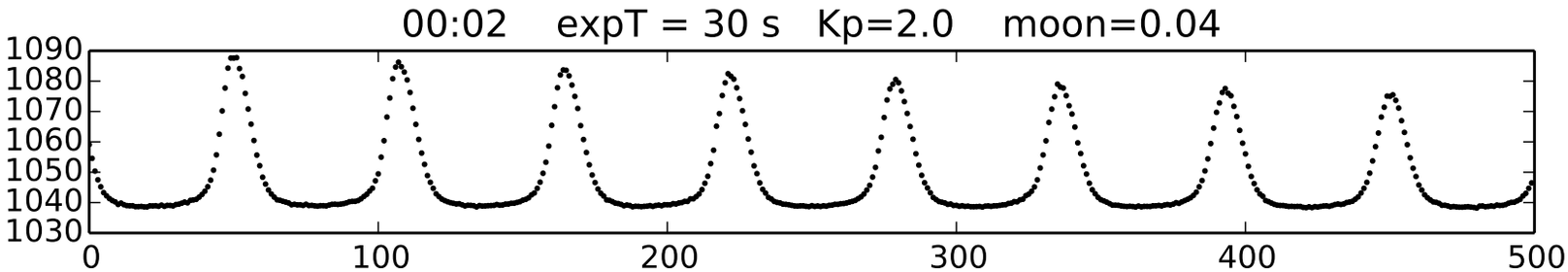
500


00:02 expT = 30 s Kp=2.0 moon=0.04
1090
1080
1070
1060
1050
1040
1030
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100
200
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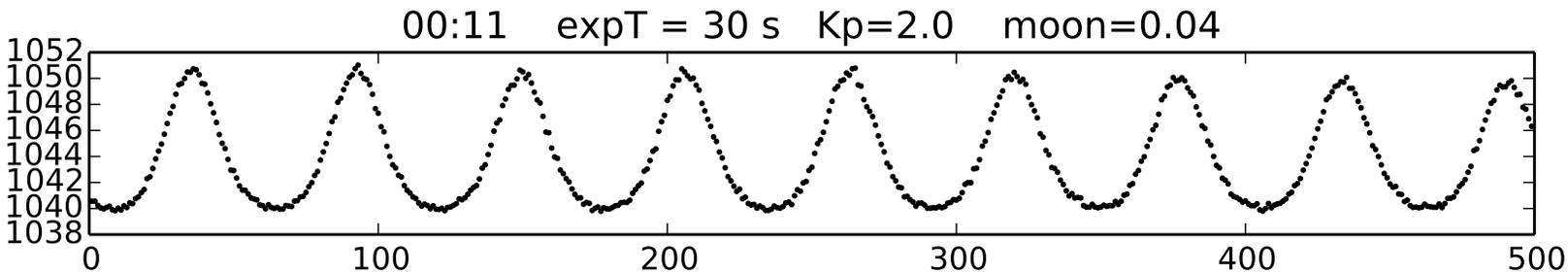
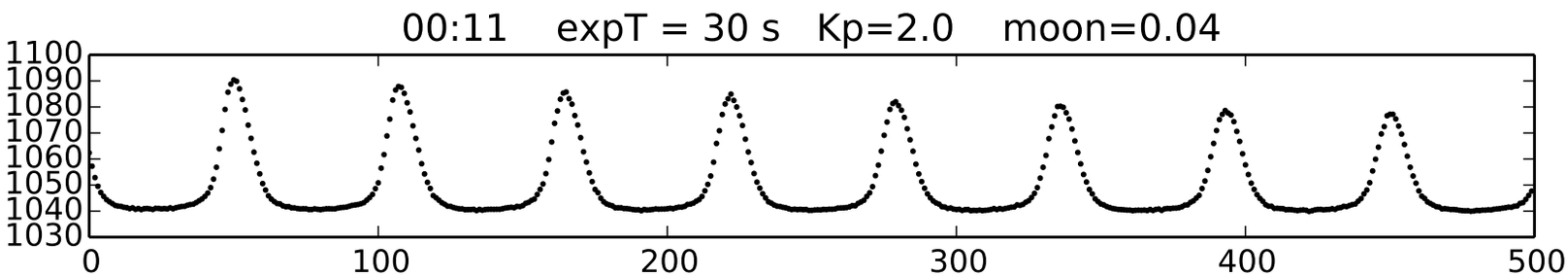
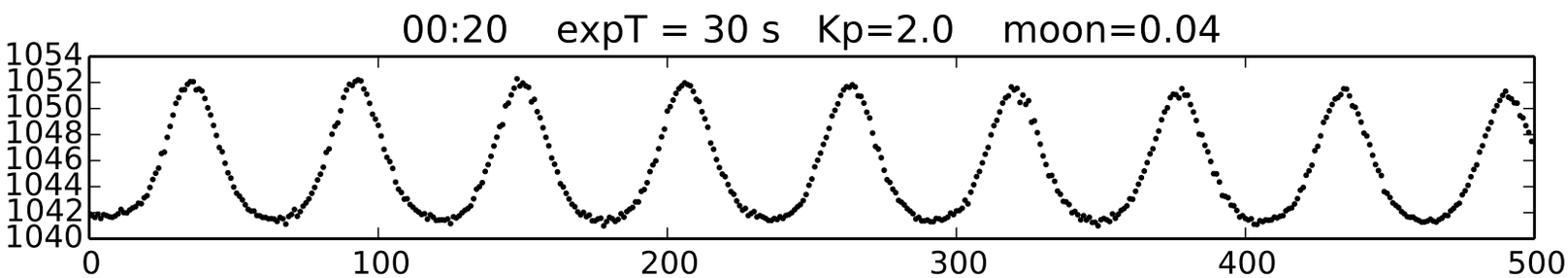
400
500


00:11 expT = 30 s Kp=2.0 moon=0.04
1052
1050
1048
1046
1044
1042
1040
1038
0
100
200
300
400
500


00:11 expT = 30 s Kp=2.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500


00:20 expT = 30 s Kp=2.0 moon=0.04
1054
1052
1050
1048
1046
1044
1042
1040
0
100
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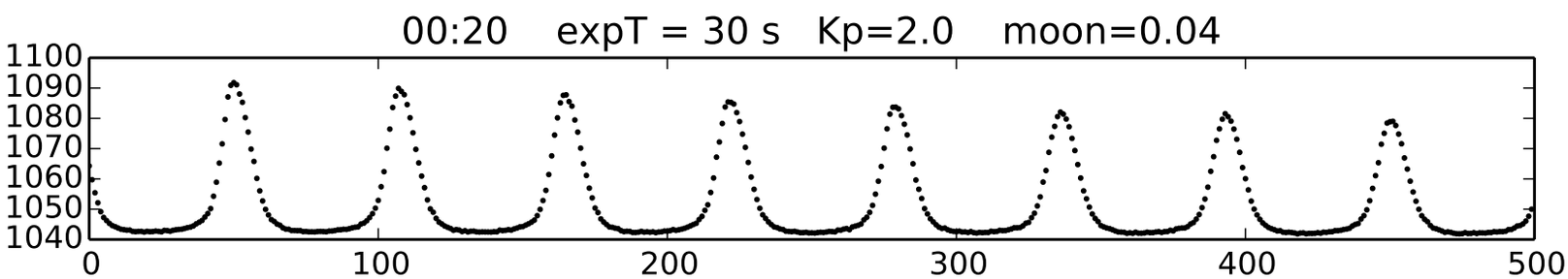
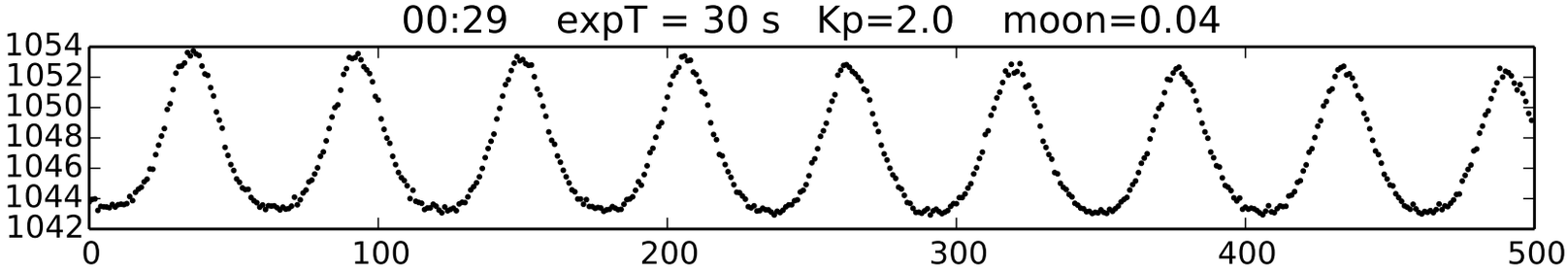
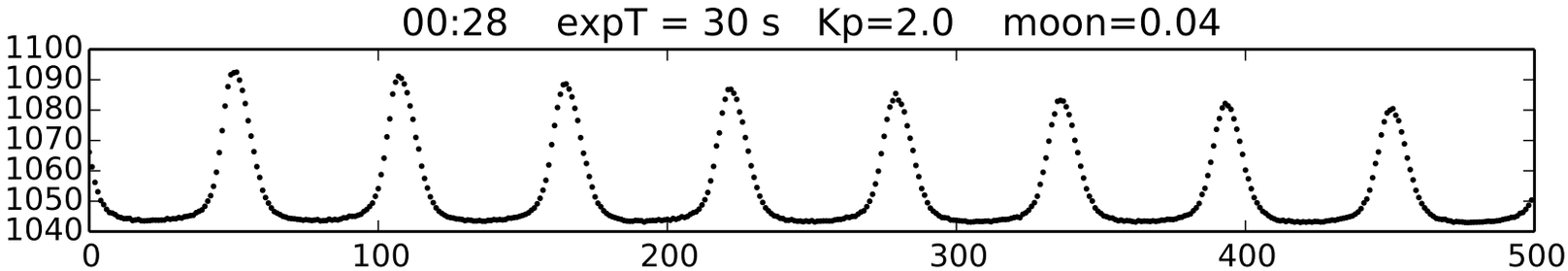
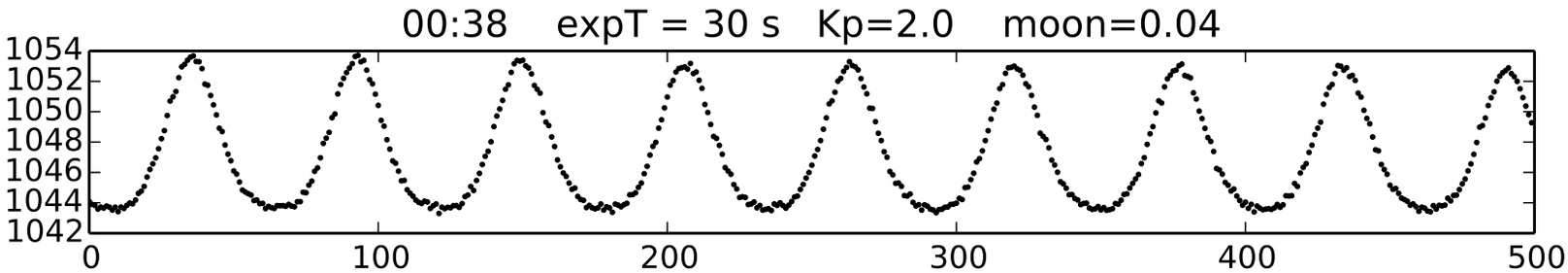
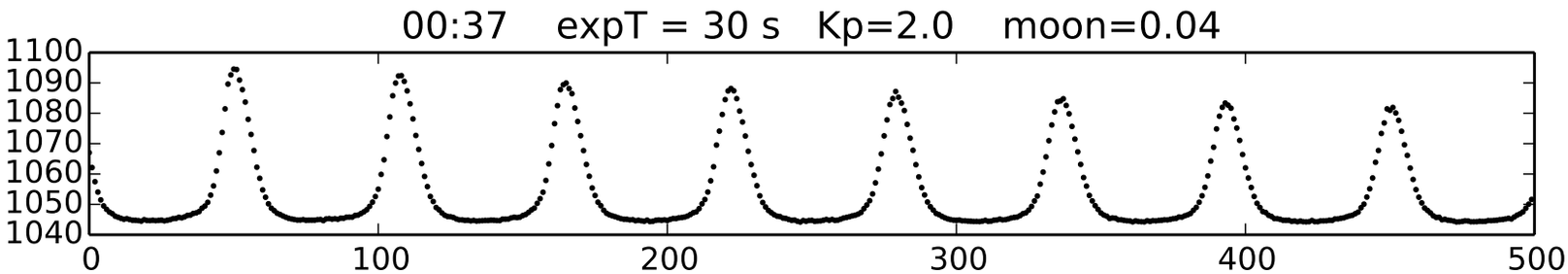
500

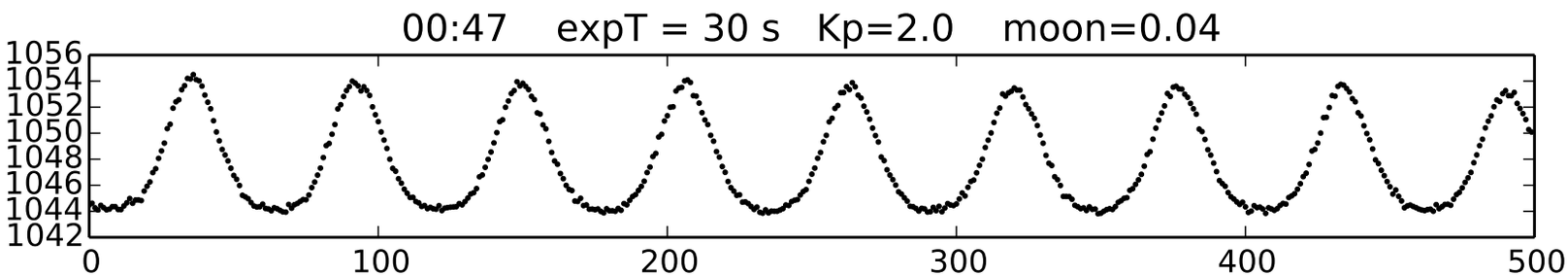

00:20 expT = 30 s Kp=2.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

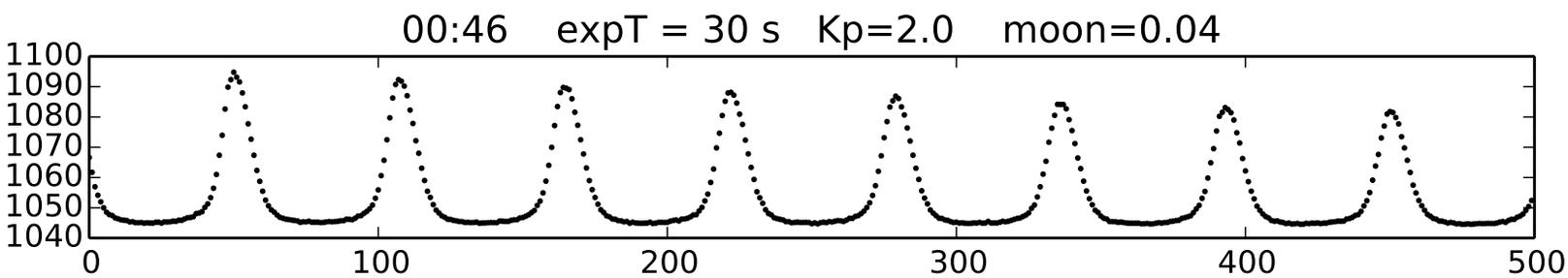

00:29 expT = 30 s Kp=2.0 moon=0.04
1054
1052
1050
1048
1046
1044
1042
0
100
200
300
400
500

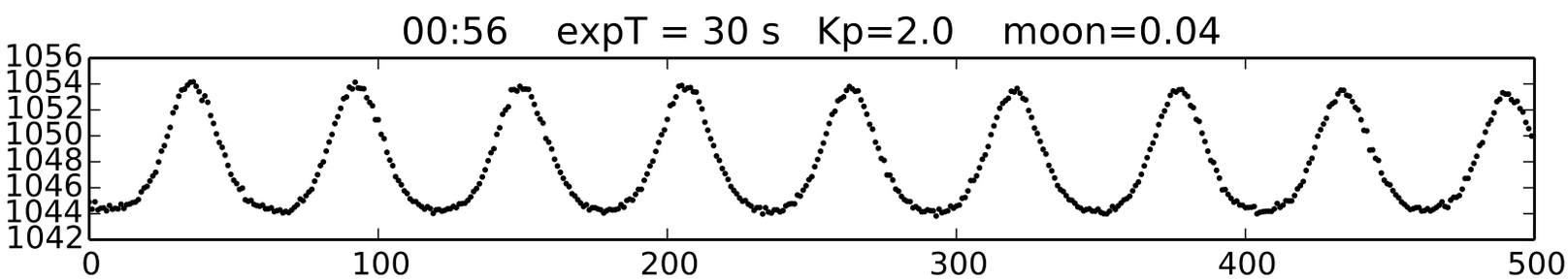

00:28 expT = 30 s Kp=2.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

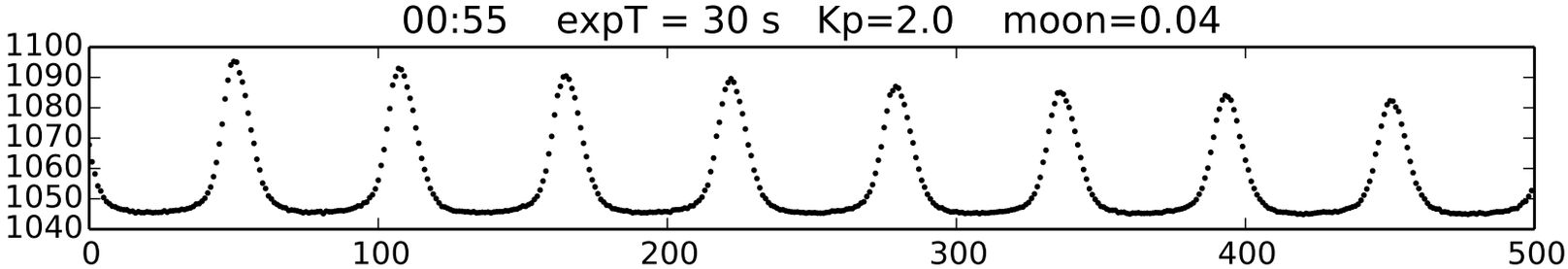

00:38 expT = 30 s Kp=2.0 moon=0.04
1054
1052
1050
1048
1046
1044
1042
0
100
200
300
400
500

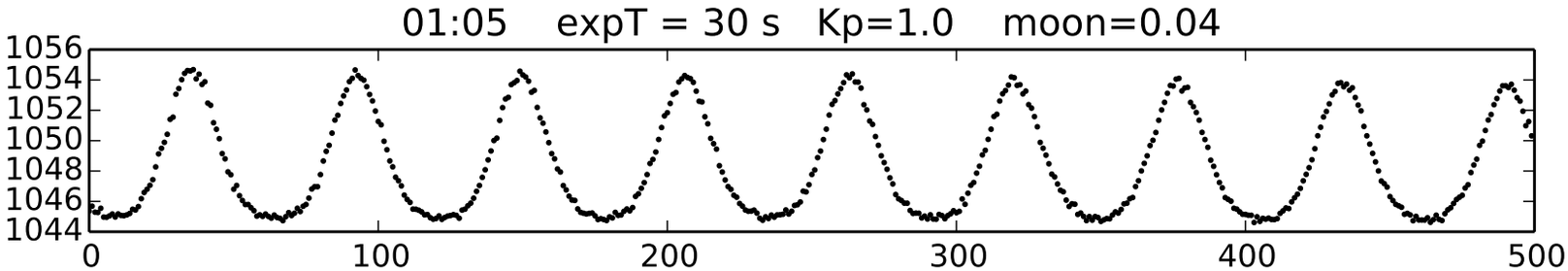

00:37 expT = 30 s Kp=2.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

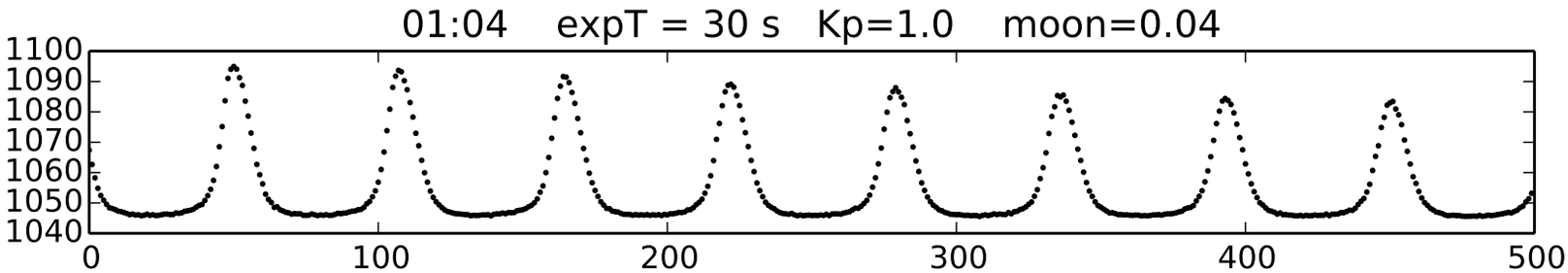

00:47 expT = 30 s Kp=2.0 moon=0.04
1056
1054
1052
1050
1048
1046
1044
1042
0
100
200
300
400
500

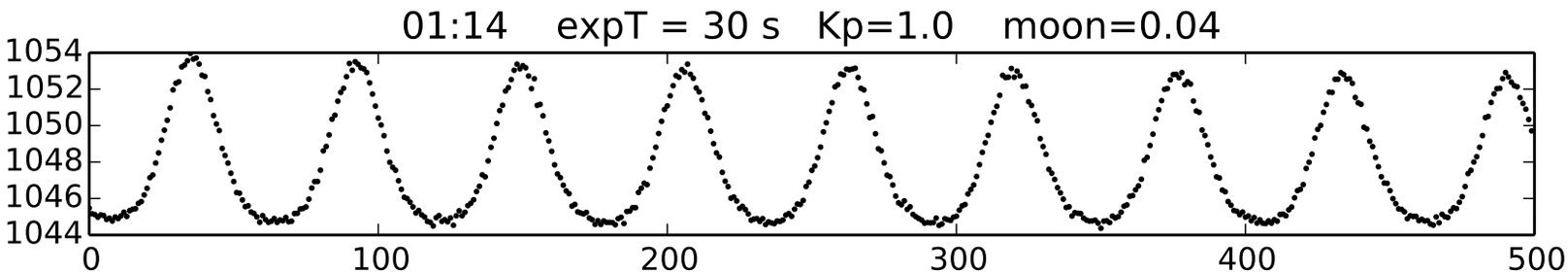

00:46 expT = 30 s Kp=2.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

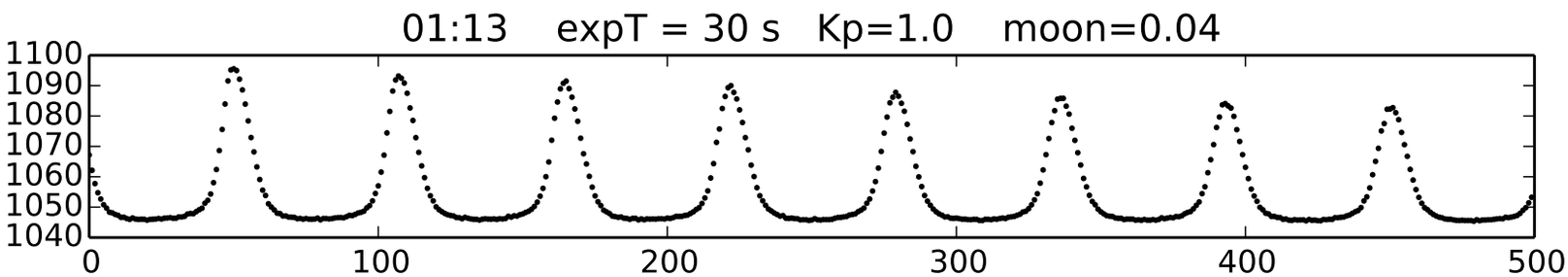

00:56 expT = 30 s Kp=2.0 moon=0.04
1056
1054
1052
1050
1048
1046
1044
1042
0
100
200
300
400
500

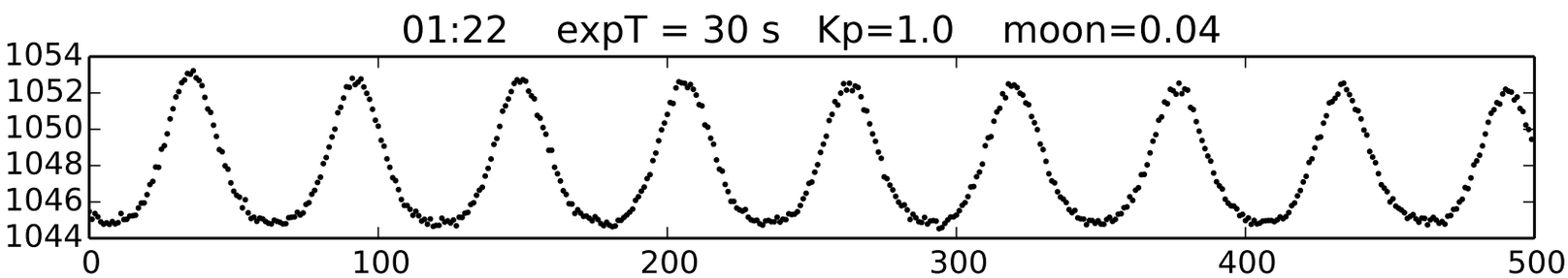

00:55 expT = 30 s Kp=2.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

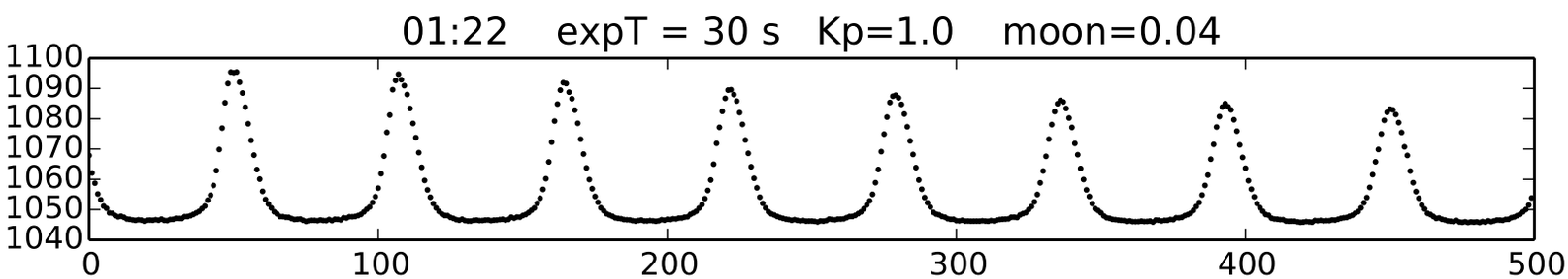

01:05 expT = 30 s Kp=1.0 moon=0.04
1056
1054
1052
1050
1048
1046
1044
0
100
200
300
400
500

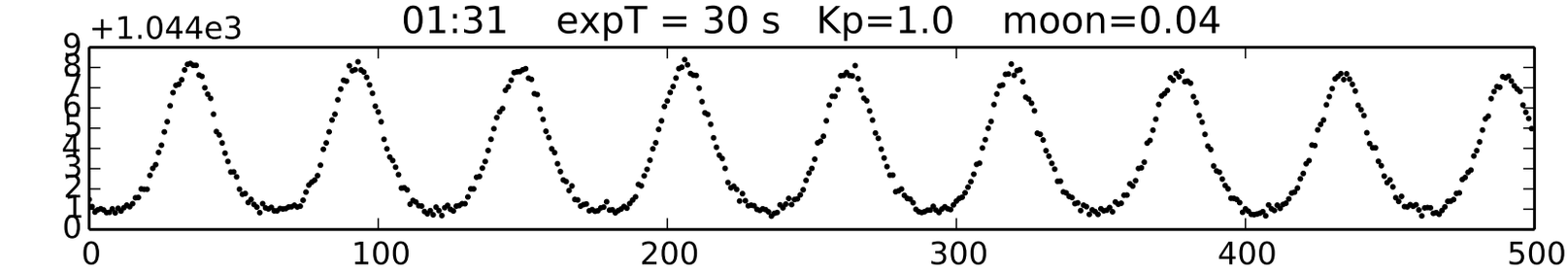

01:04 expT = 30 s Kp=1.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

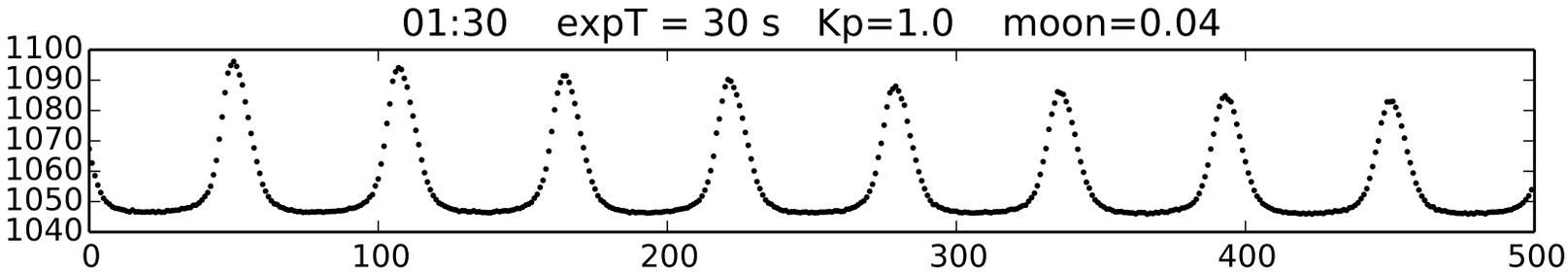

01:14 expT = 30 s Kp=1.0 moon=0.04
1054
1052
1050
1048
1046
1044
0
100
200
300
400
500

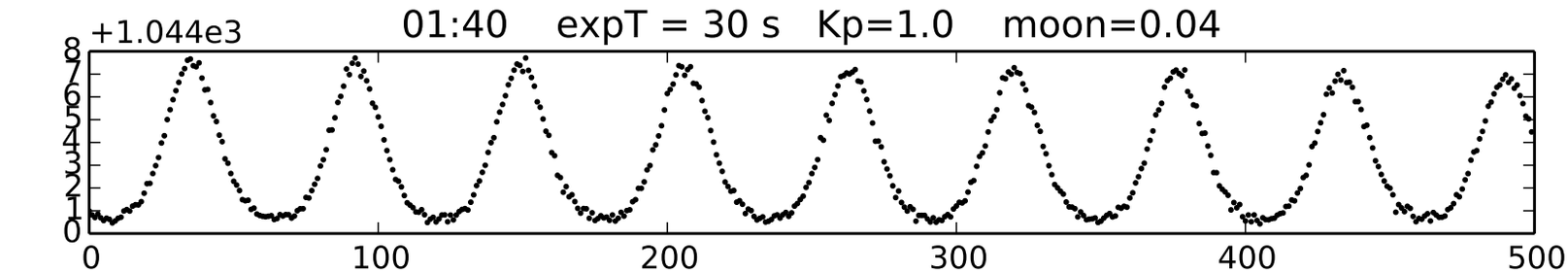

01:13 expT = 30 s Kp=1.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

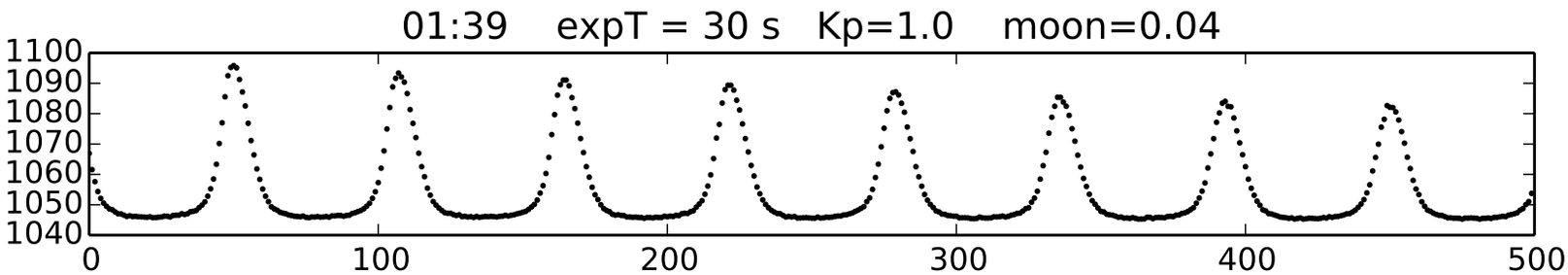

01:22 expT = 30 s Kp=1.0 moon=0.04
1054
1052
1050
1048
1046
1044
0
100
200
300
400
500

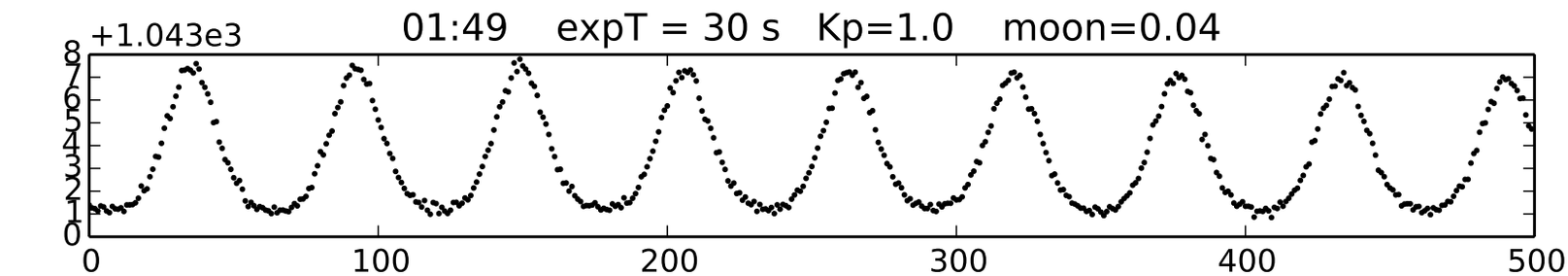

01:22 expT = 30 s Kp=1.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

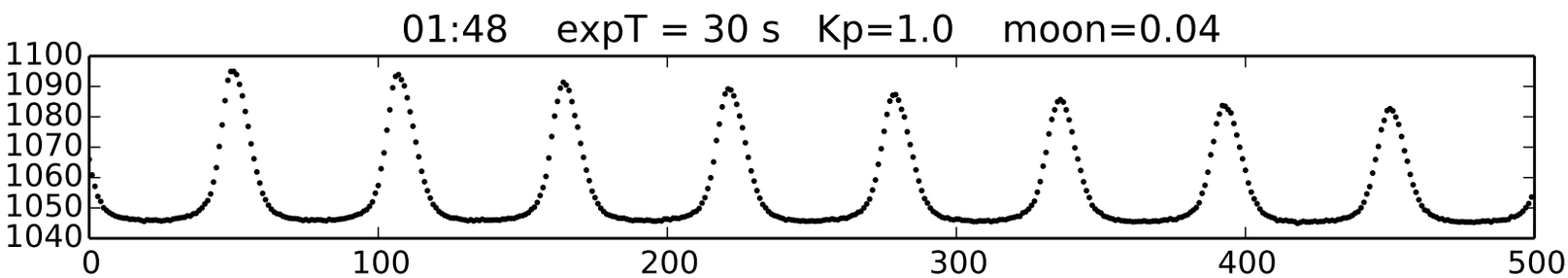

01:31 expT = 30 s Kp=1.0 moon=0.04
+1.044e3
0 1 2 3 4 5 6 7 8 9
0 100 200 300 400 500

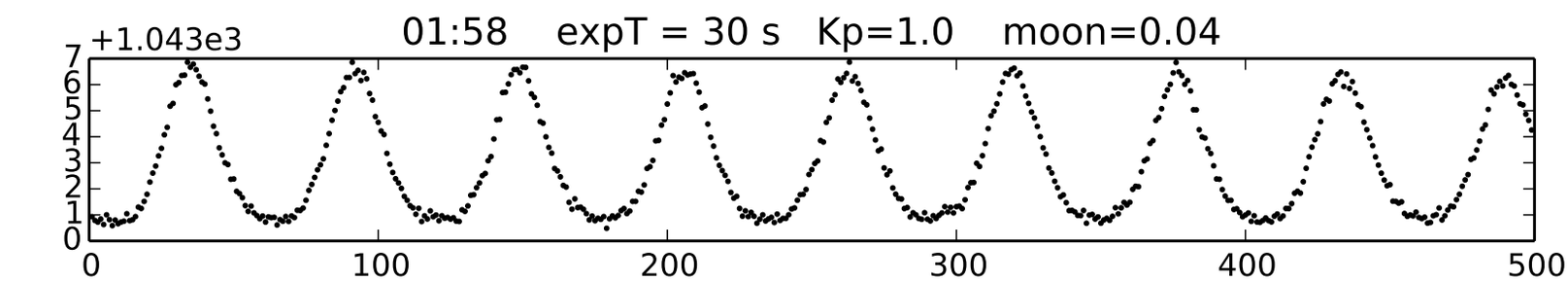

01:30 expT = 30 s Kp=1.0 moon=0.04
1040 1050 1060 1070 1080 1090 1100
0 100 200 300 400 500

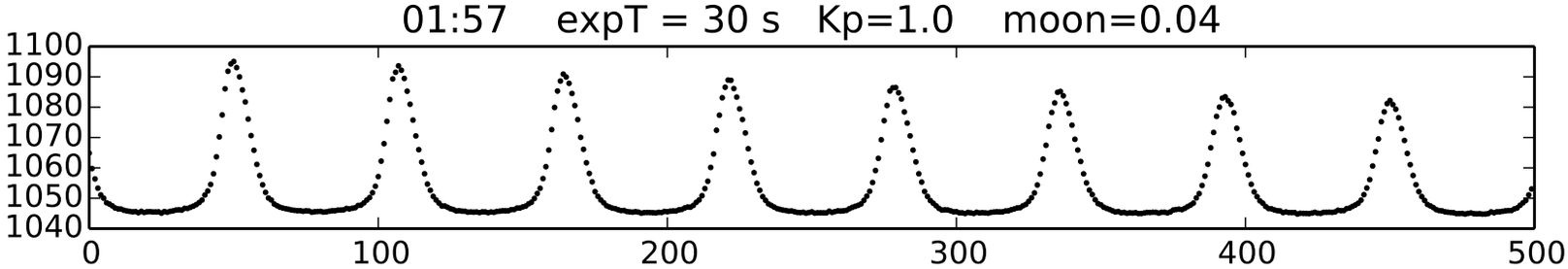

01:40 expT = 30 s Kp=1.0 moon=0.04
+1.044e3
0 1 2 3 4 5 6 7 8
0 100 200 300 400 500

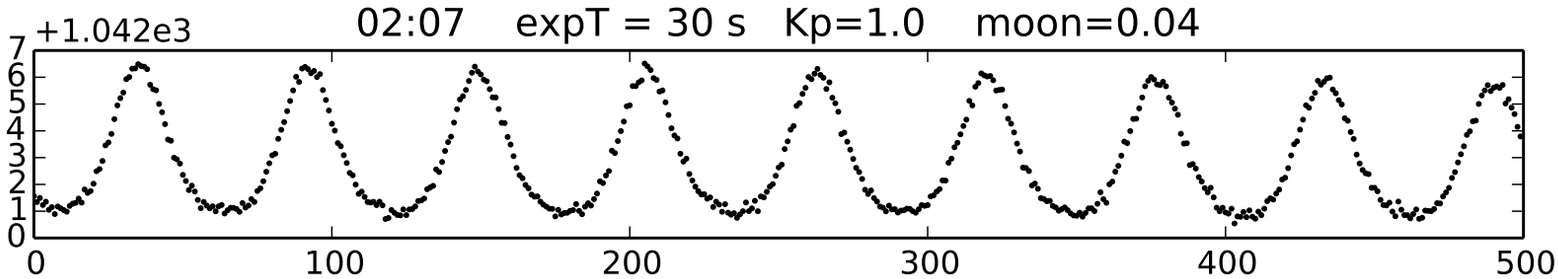

01:39 expT = 30 s Kp=1.0 moon=0.04
1040 1050 1060 1070 1080 1090 1100
0 100 200 300 400 500

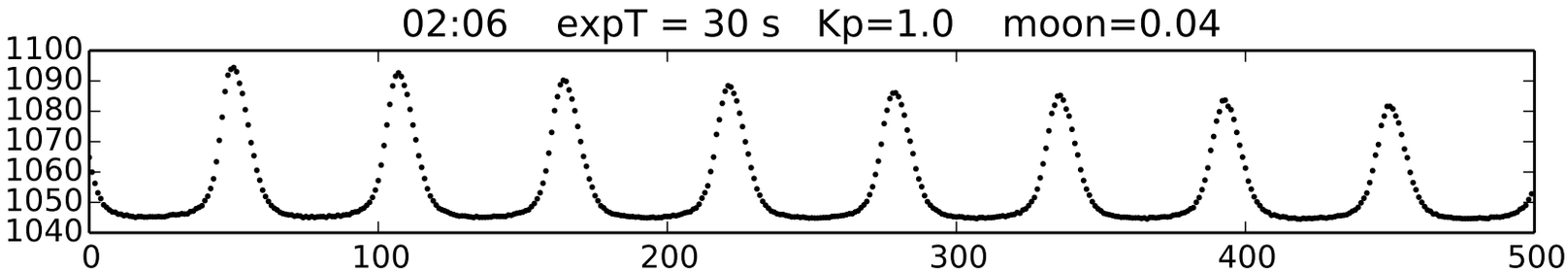

01:49 expT = 30 s Kp=1.0 moon=0.04
+1.043e3
0 1 2 3 4 5 6 7 8
0 100 200 300 400 500

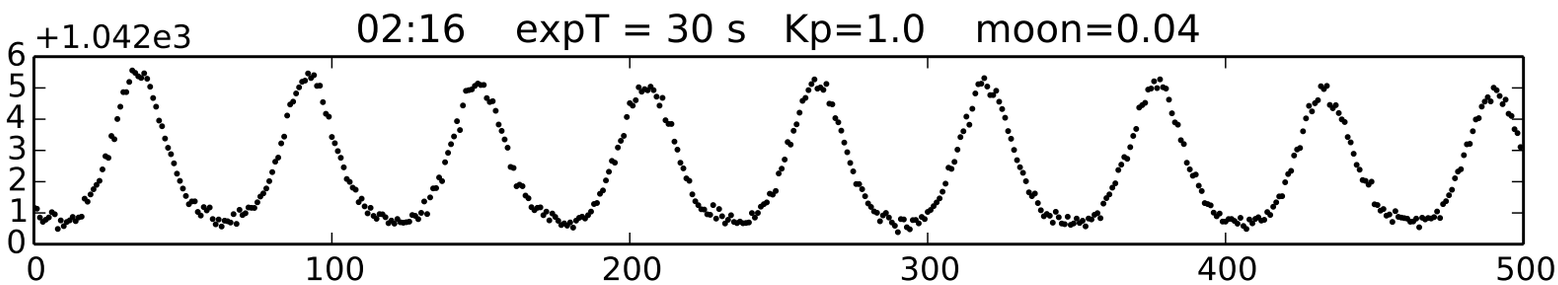

01:48 expT = 30 s Kp=1.0 moon=0.04
1040 1050 1060 1070 1080 1090 1100
0 100 200 300 400 500

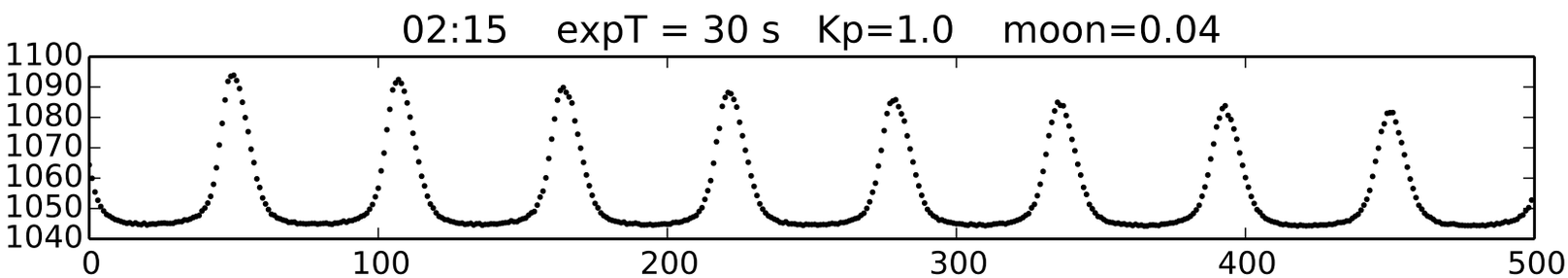

01:58 expT = 30 s Kp=1.0 moon=0.04
+1.043e3
0 1 2 3 4 5 6 7
0 100 200 300 400 500

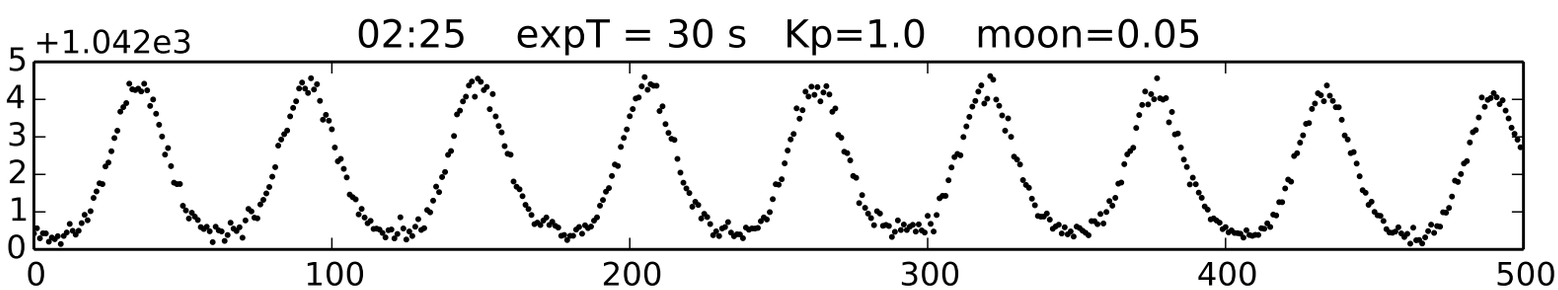

01:57 expT = 30 s Kp=1.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

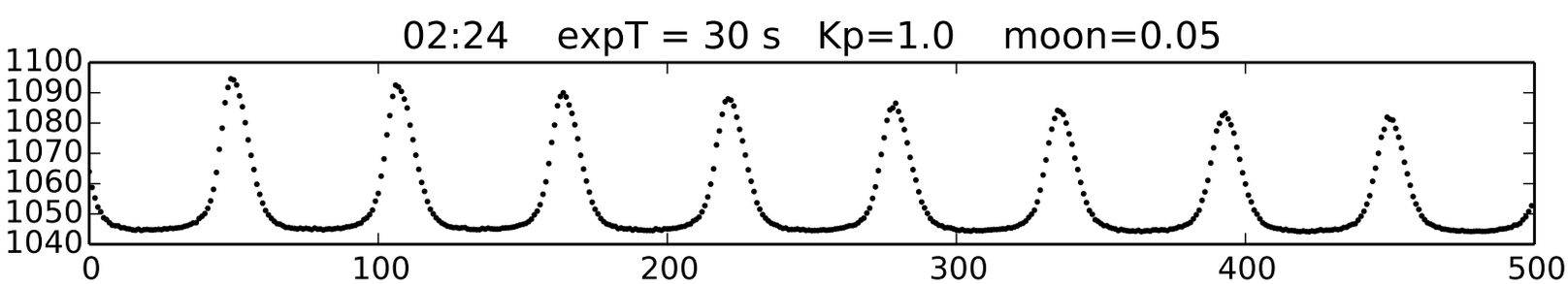

02:07 expT = 30 s Kp=1.0 moon=0.04
+1.042e3
7
6
5
4
3
2
1
0
0
100
200
300
400
500

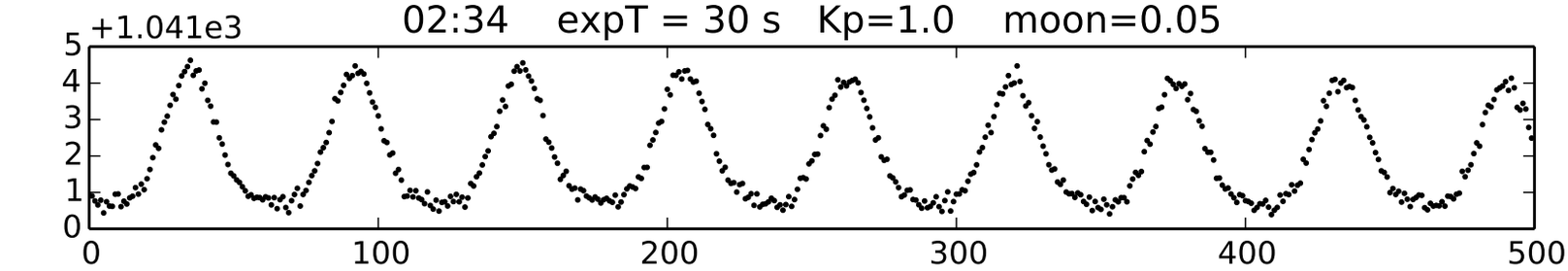

02:06 expT = 30 s Kp=1.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

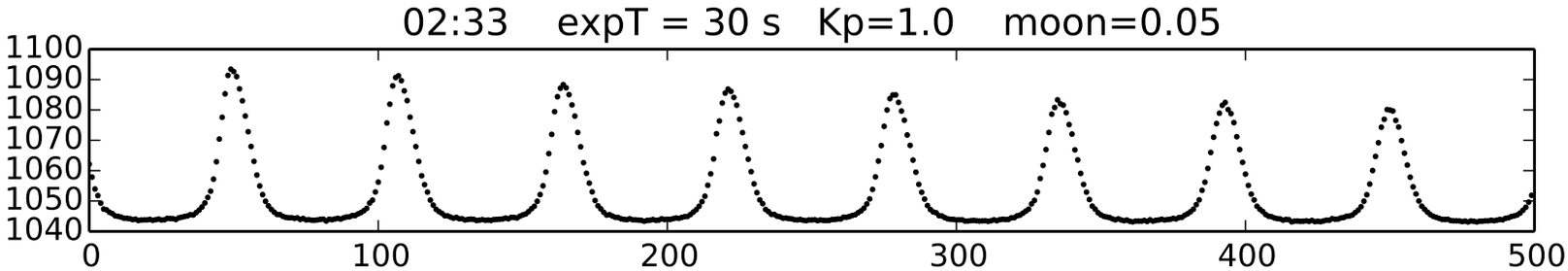

02:16 expT = 30 s Kp=1.0 moon=0.04
+1.042e3
6
5
4
3
2
1
0
0
100
200
300
400
500

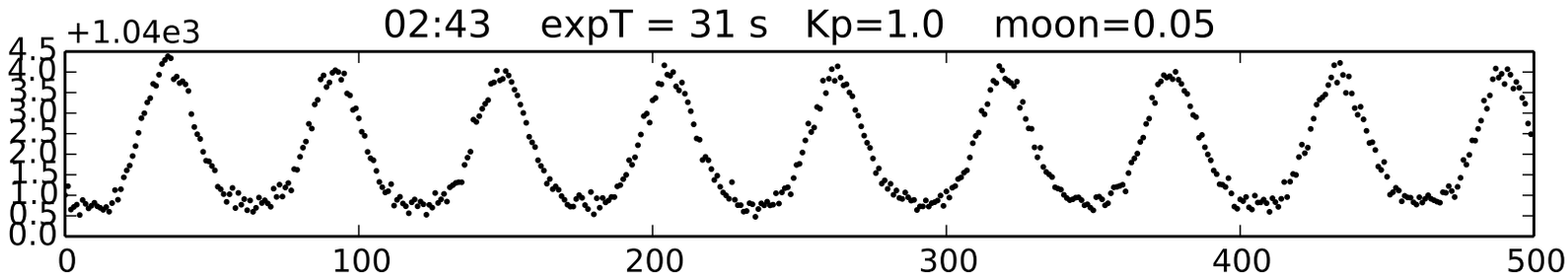

02:15 expT = 30 s Kp=1.0 moon=0.04
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

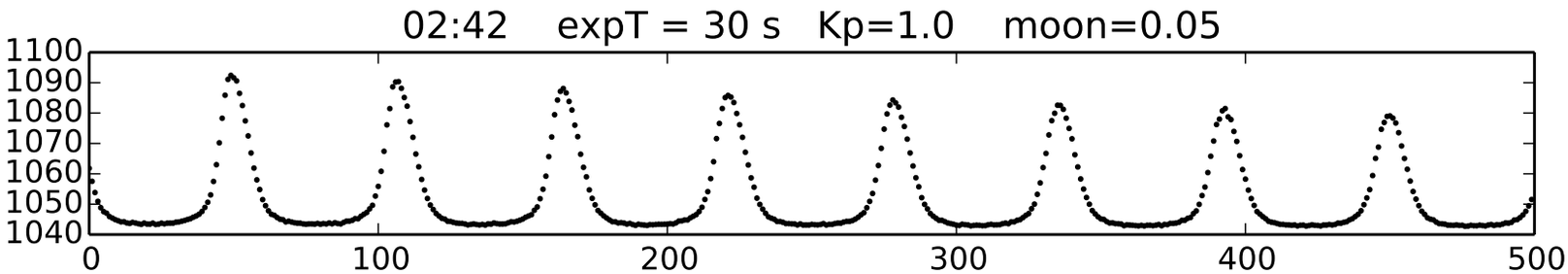

02:25 expT = 30 s Kp=1.0 moon=0.05
+1.042e3
5
4
3
2
1
0
0
100
200
300
400
500

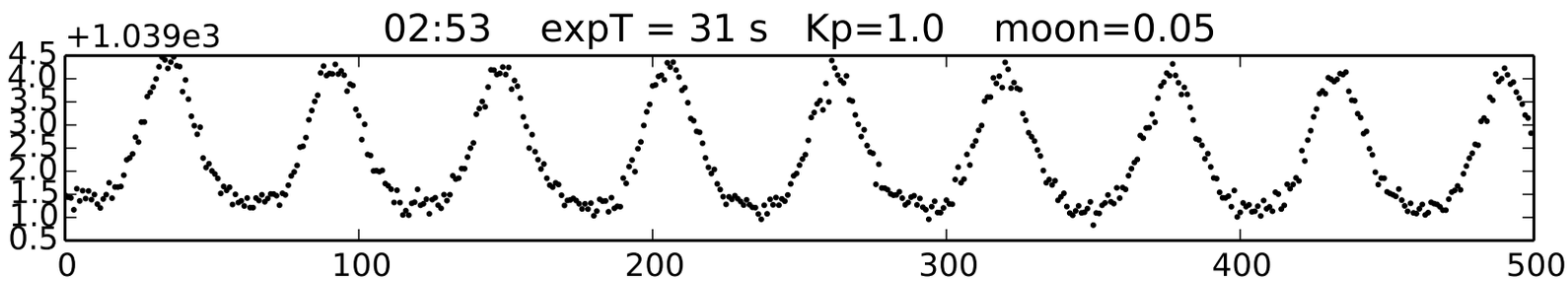

02:24 expT = 30 s Kp=1.0 moon=0.05
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

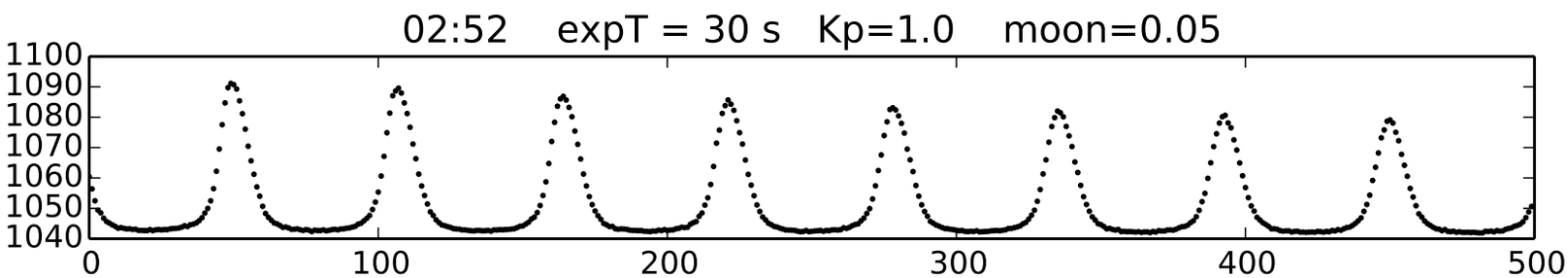

02:34 expT = 30 s Kp=1.0 moon=0.05
+1.041e3
5
4
3
2
1
0
0
100
200
300
400
500

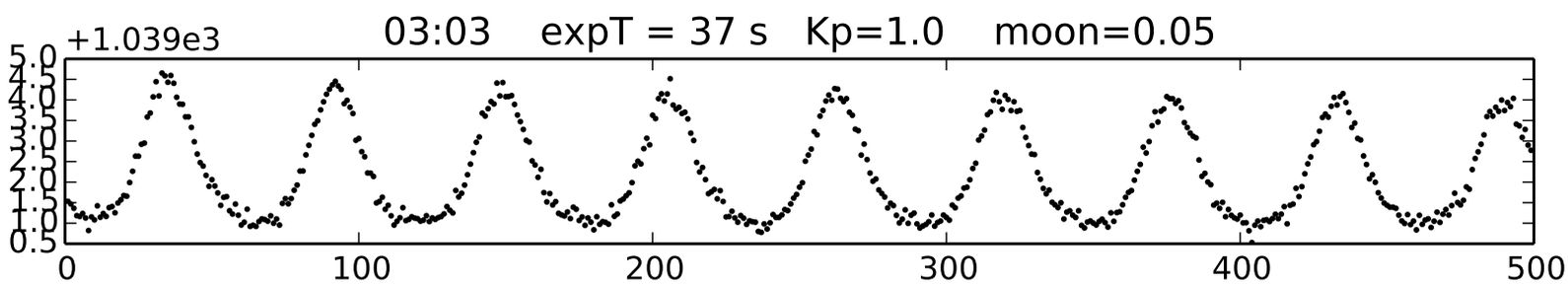

02:33 expT = 30 s Kp=1.0 moon=0.05
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

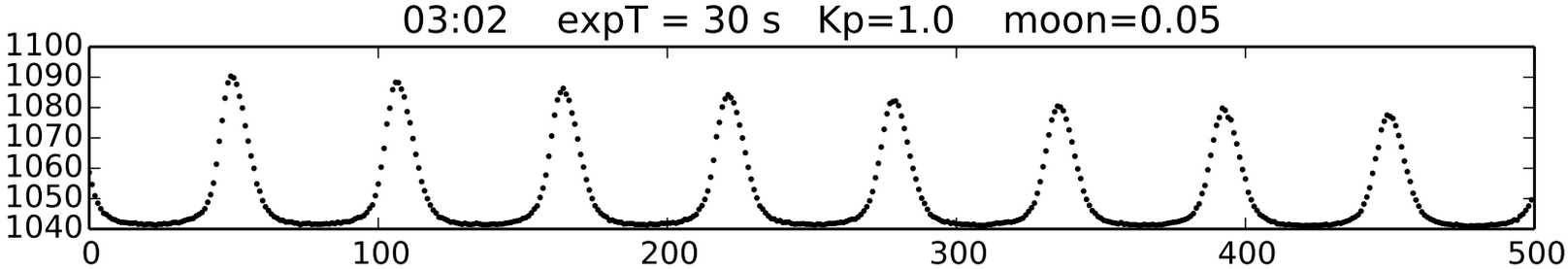

02:43 expT = 31 s Kp=1.0 moon=0.05
+1.04e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

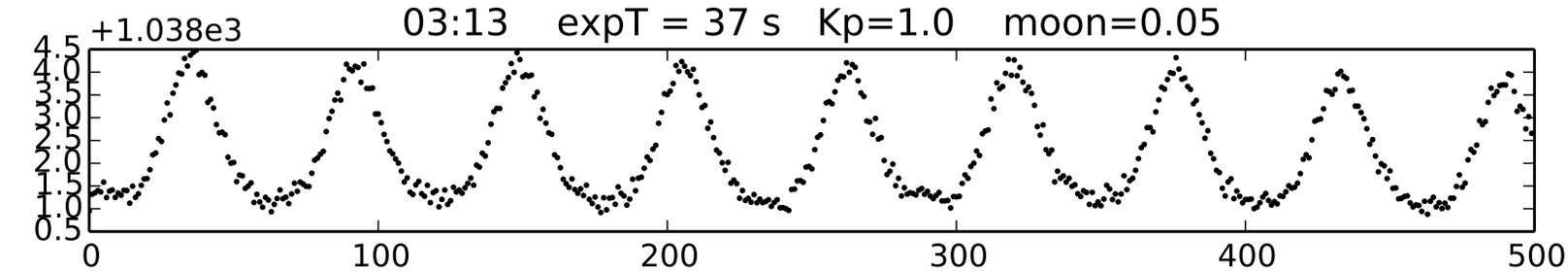

02:42 expT = 30 s Kp=1.0 moon=0.05
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

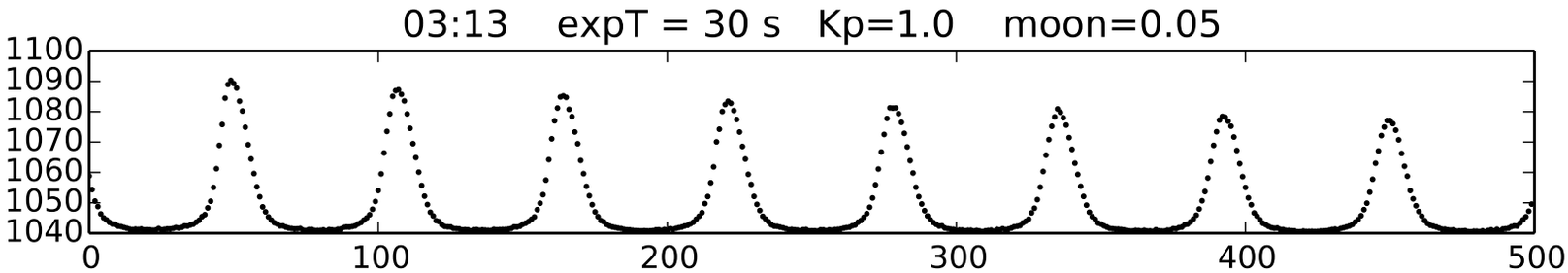

02:53 expT = 31 s Kp=1.0 moon=0.05
+1.039e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

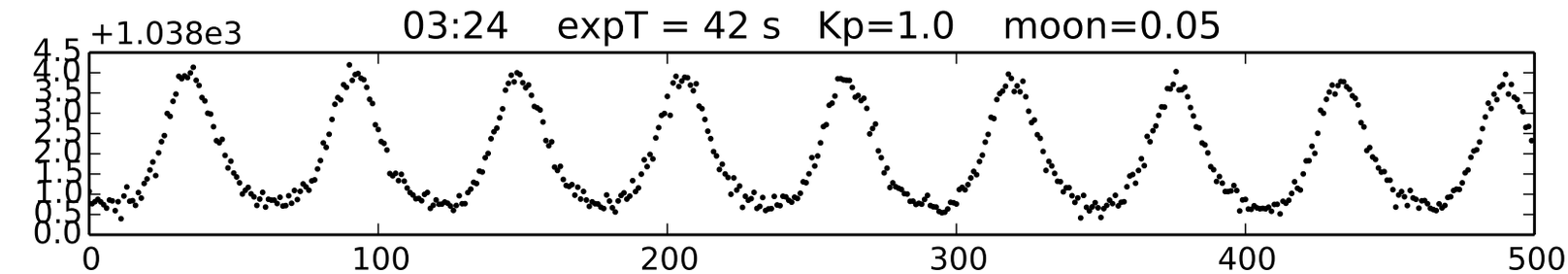

02:52 expT = 30 s Kp=1.0 moon=0.05
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

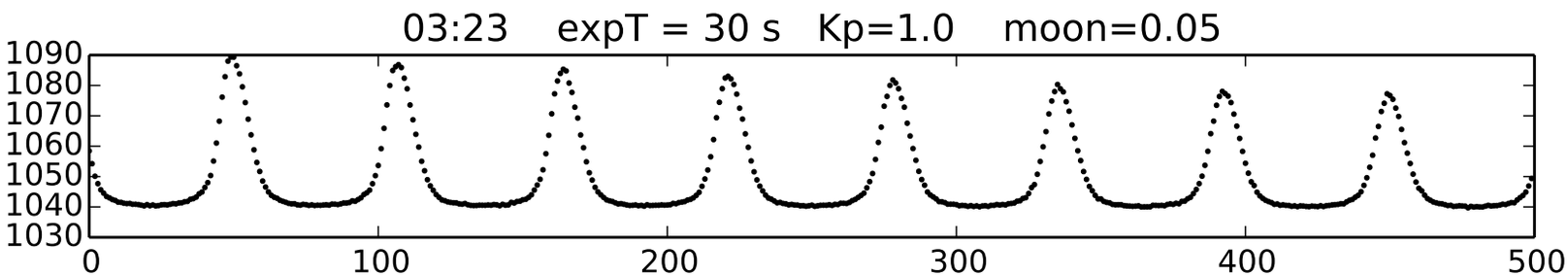

03:03 expT = 37 s Kp=1.0 moon=0.05
+1.039e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

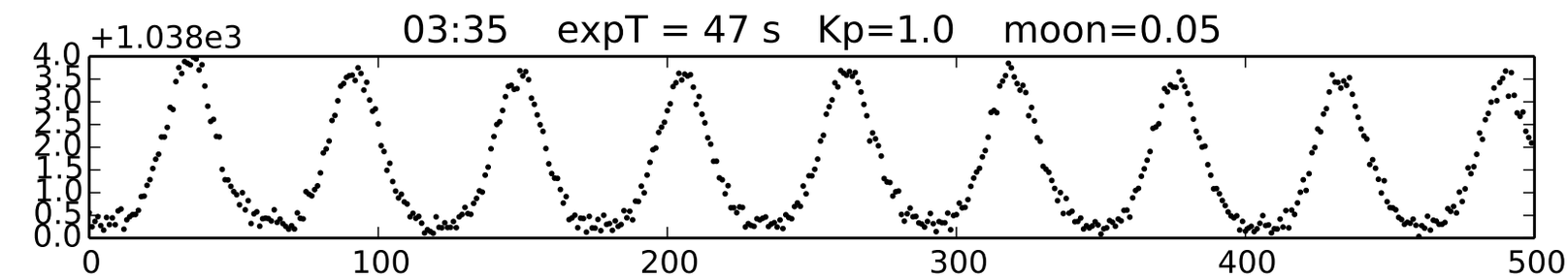

03:02 expT = 30 s Kp=1.0 moon=0.05
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

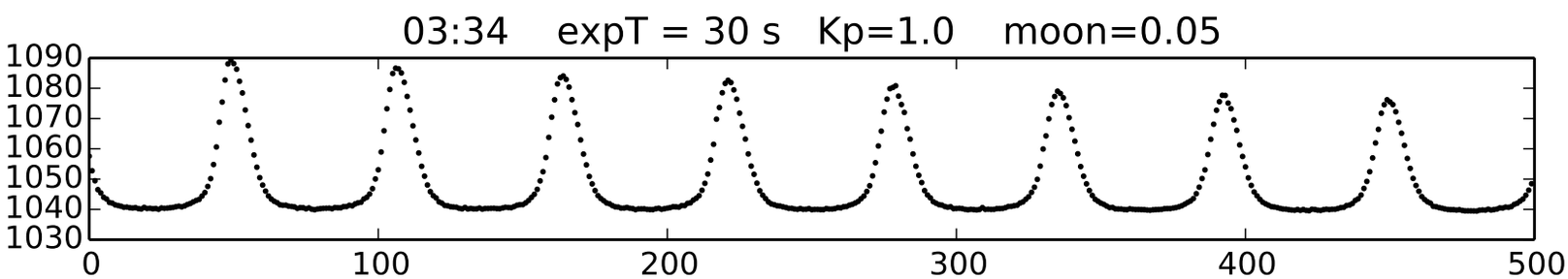

03:13 expT = 37 s Kp=1.0 moon=0.05
+1.038e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

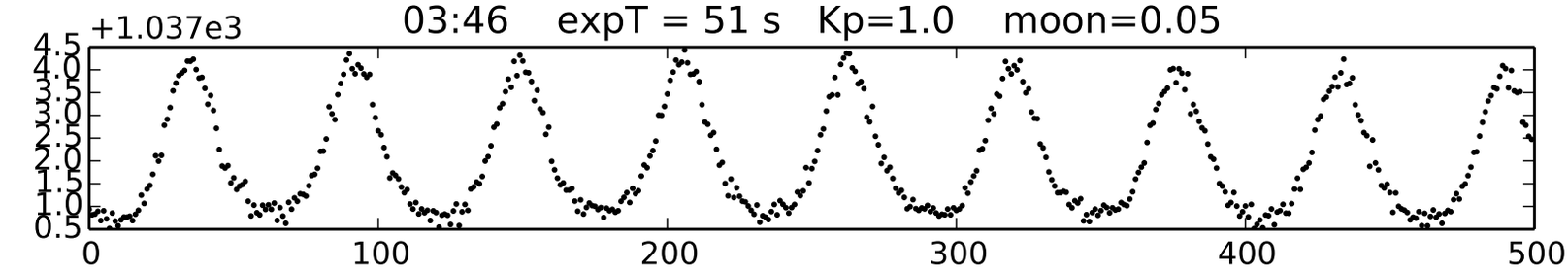

03:13 expT = 30 s Kp=1.0 moon=0.05
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

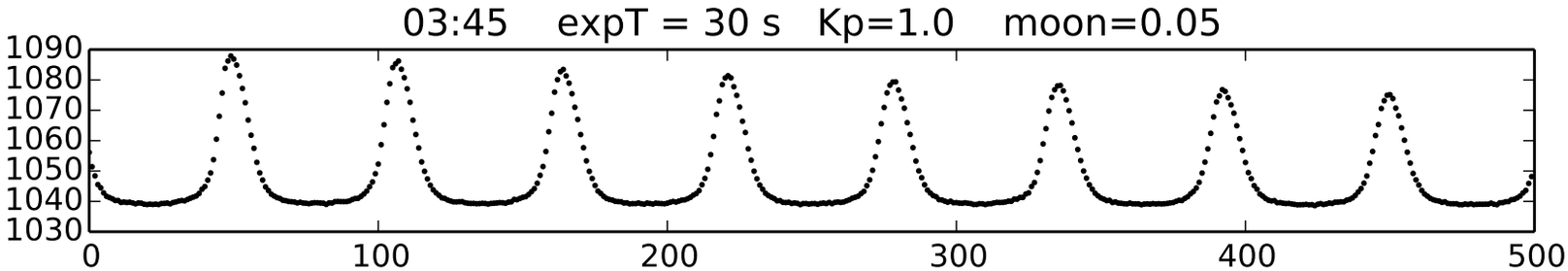

03:24 expT = 42 s Kp=1.0 moon=0.05
+1.038e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

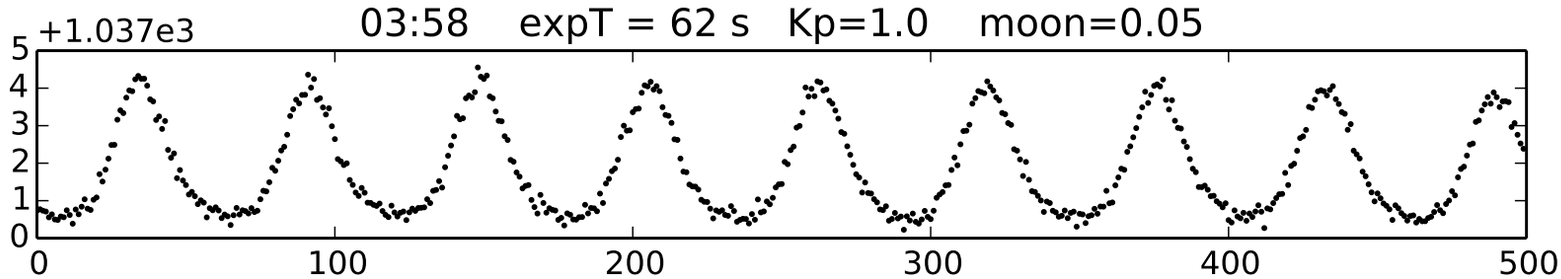

03:23 expT = 30 s Kp=1.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

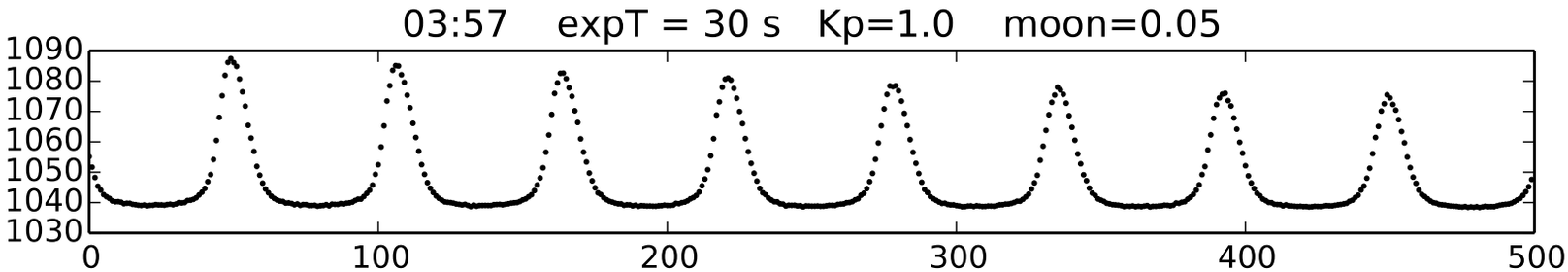

03:35 expT = 47 s Kp=1.0 moon=0.05
+1.038e3
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

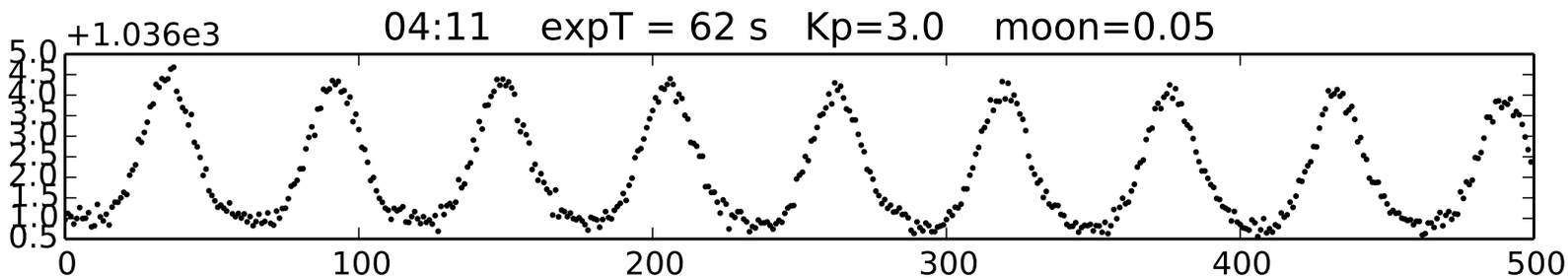

03:34 expT = 30 s Kp=1.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

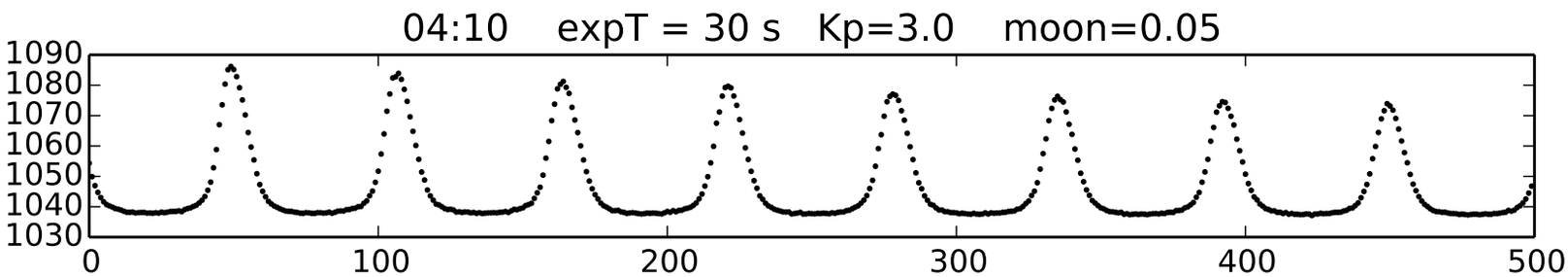

03:46 expT = 51 s Kp=1.0 moon=0.05
+1.037e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

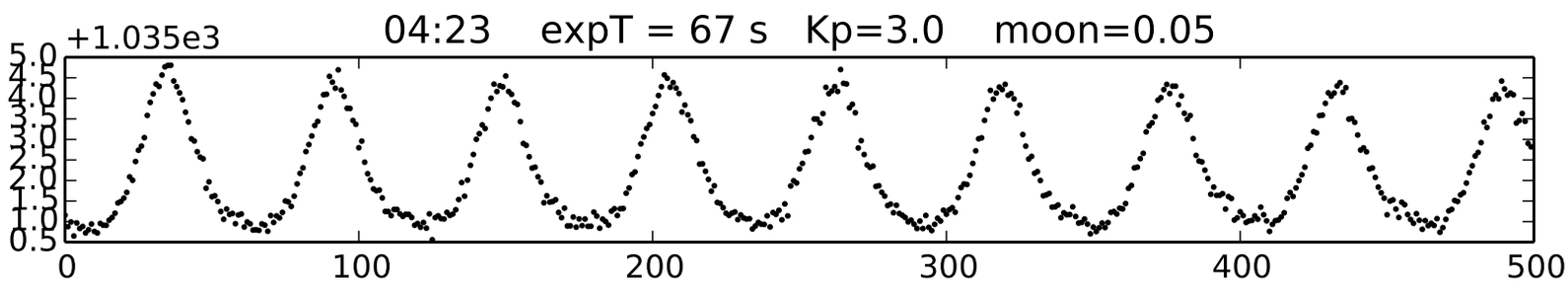

03:45 expT = 30 s Kp=1.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

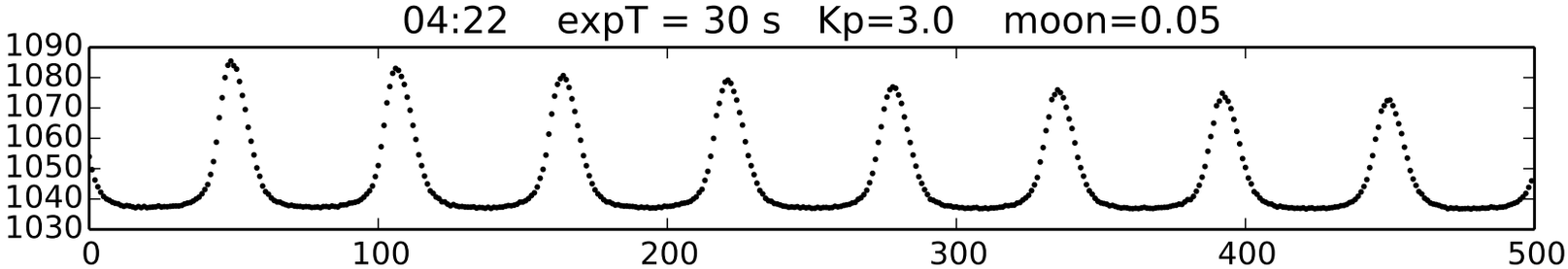

03:58 expT = 62 s Kp=1.0 moon=0.05
+1.037e3
5
4
3
2
1
0
0
100
200
300
400
500

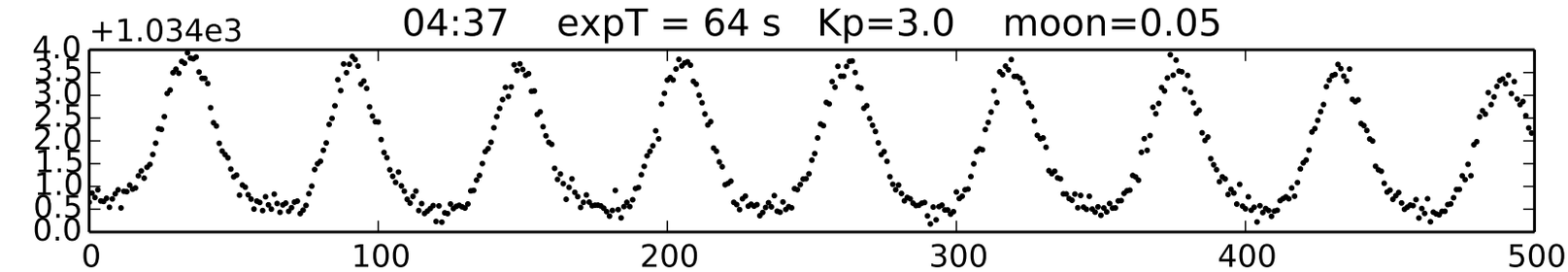

03:57 expT = 30 s Kp=1.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

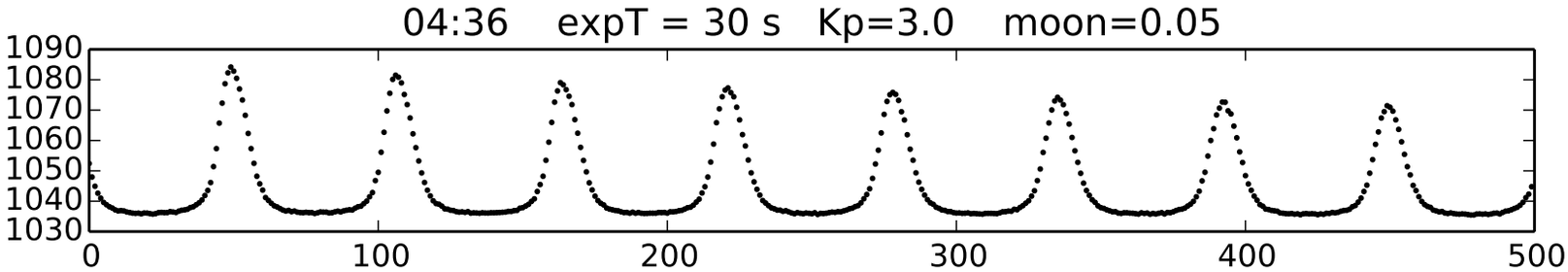

04:11 expT = 62 s Kp=3.0 moon=0.05
+1.036e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

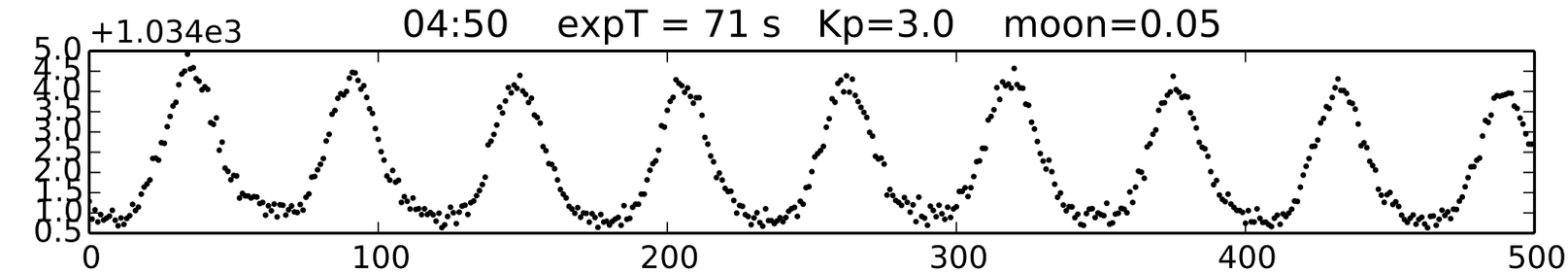

04:10 expT = 30 s Kp=3.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

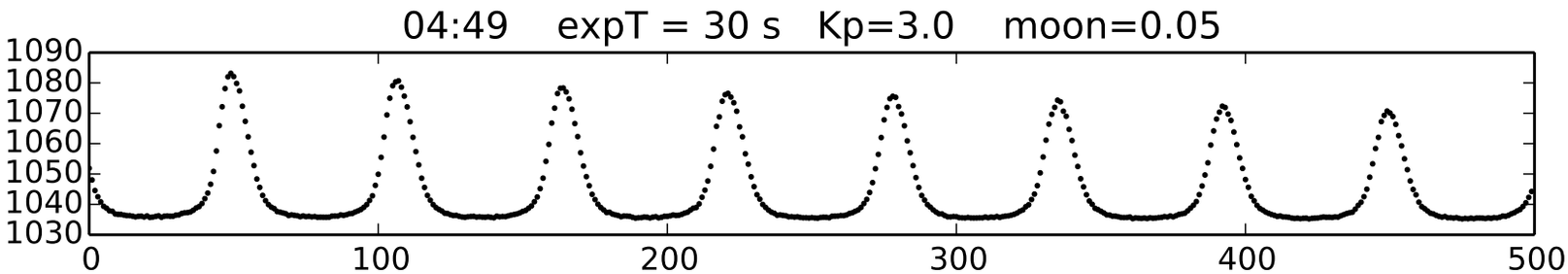

04:23 expT = 67 s Kp=3.0 moon=0.05
+1.035e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

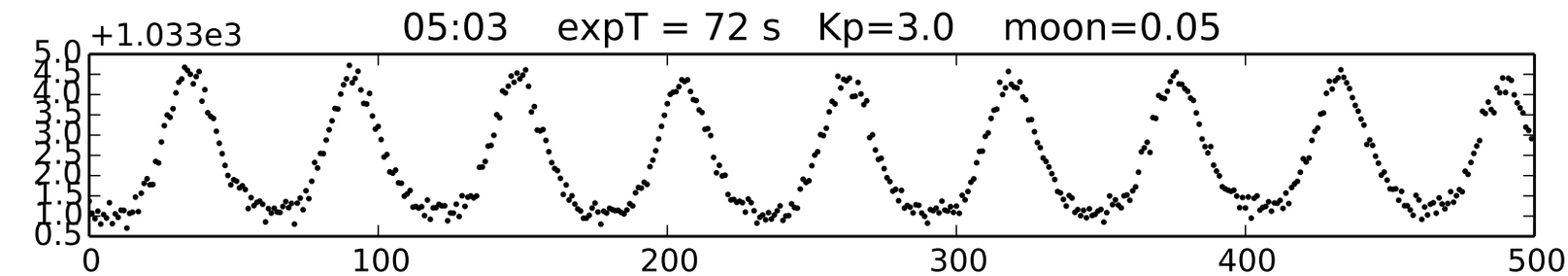

04:22 expT = 30 s Kp=3.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

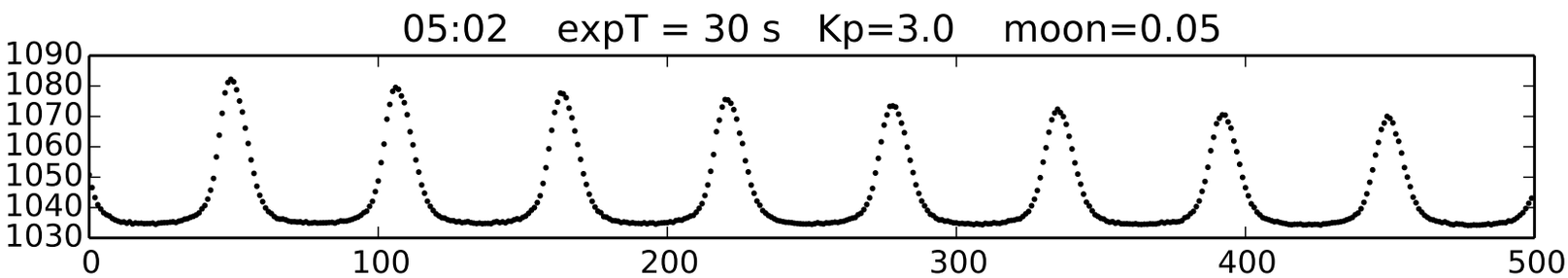

04:37 expT = 64 s Kp=3.0 moon=0.05
+1.034e3
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

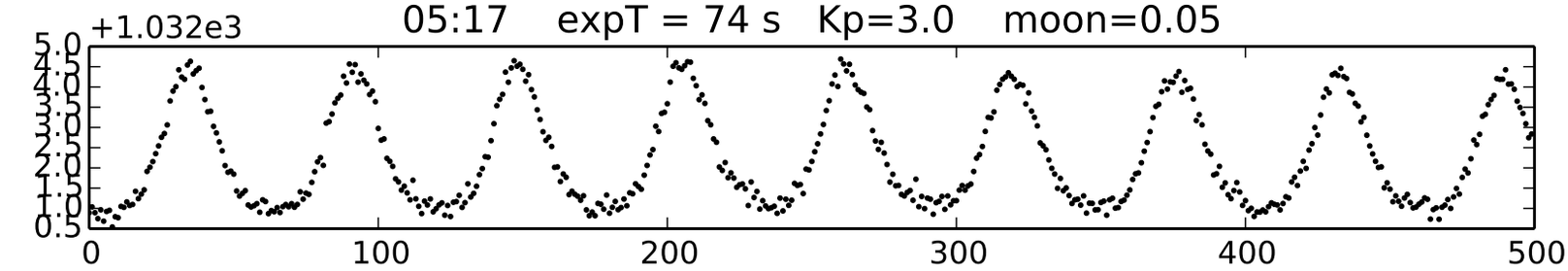

04:36 expT = 30 s Kp=3.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

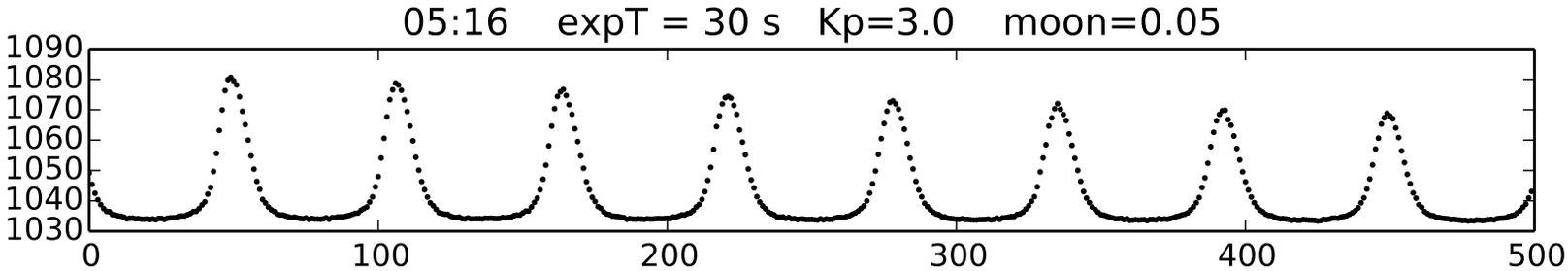

04:50 expT = 71 s Kp=3.0 moon=0.05
+1.034e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

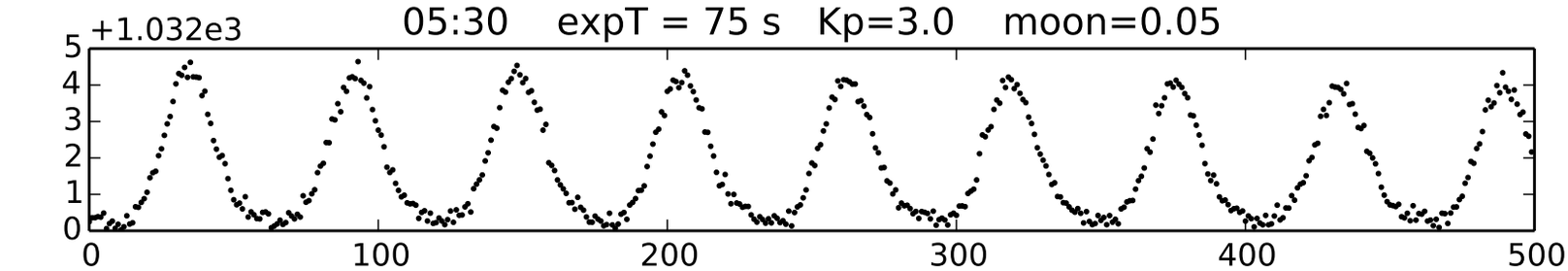

04:49 expT = 30 s Kp=3.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

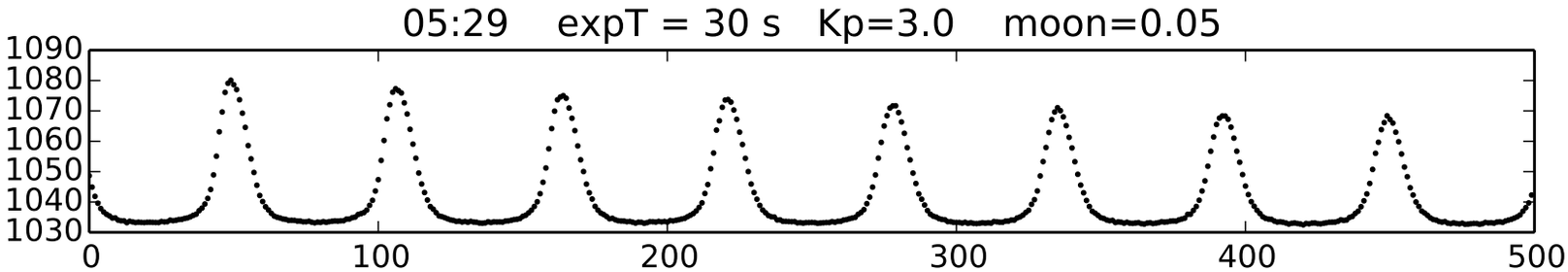

05:03 expT = 72 s Kp=3.0 moon=0.05
+1.033e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

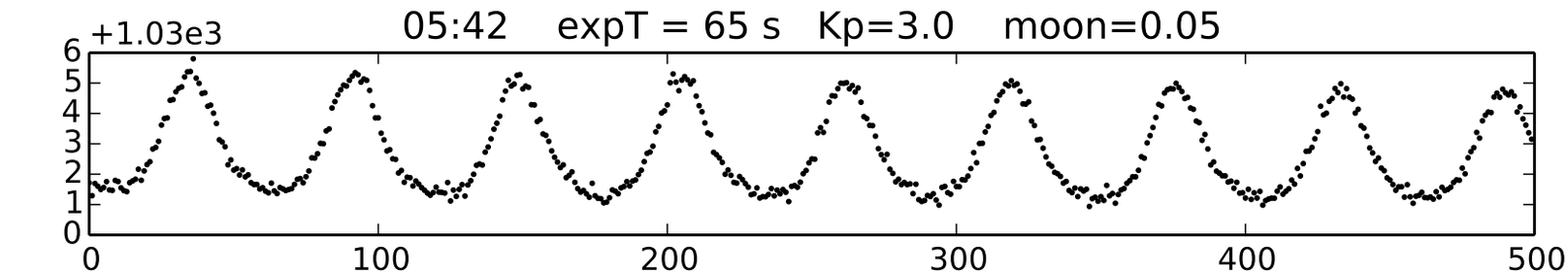

05:02 expT = 30 s Kp=3.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

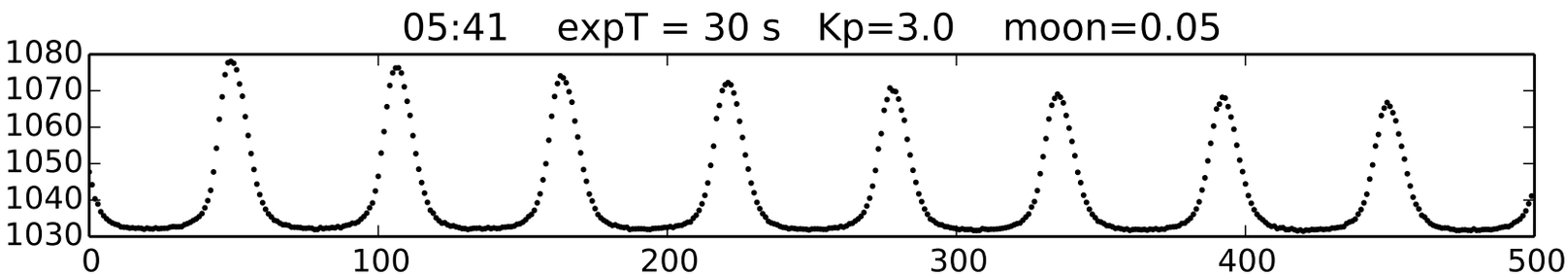

05:17 expT = 74 s Kp=3.0 moon=0.05
+1.032e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

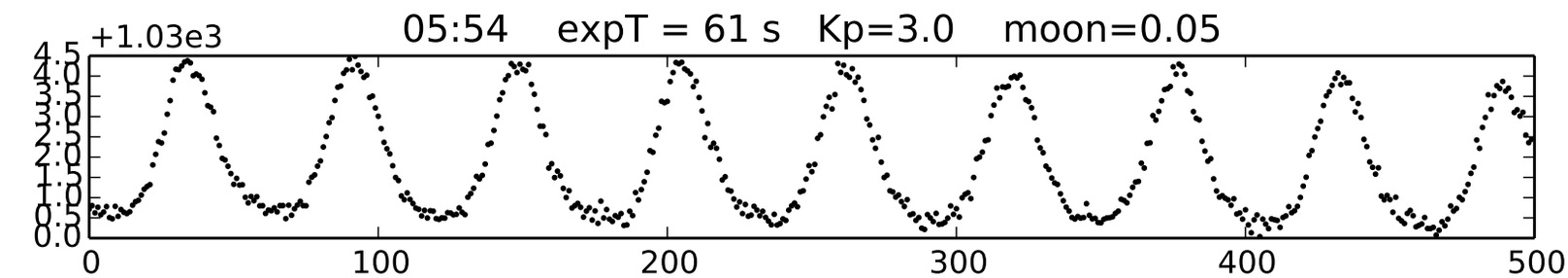

05:16 expT = 30 s Kp=3.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

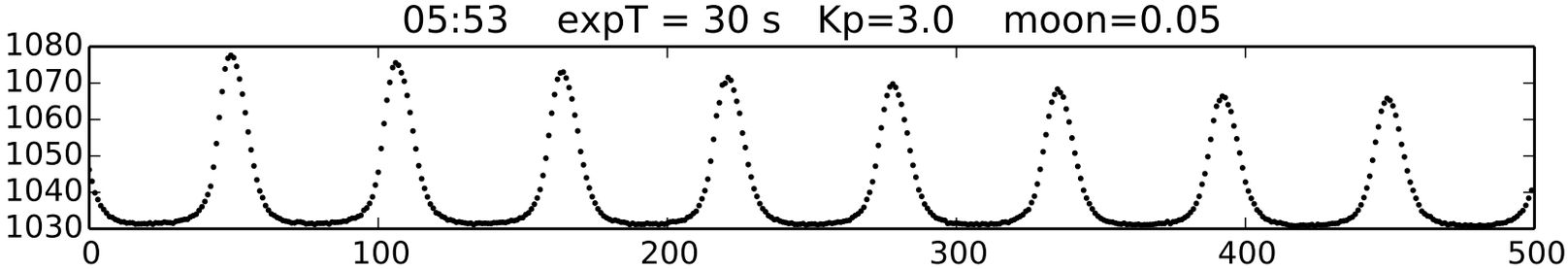

05:30 expT = 75 s Kp=3.0 moon=0.05
+1.032e3
5
4
3
2
1
0
0
100
200
300
400
500

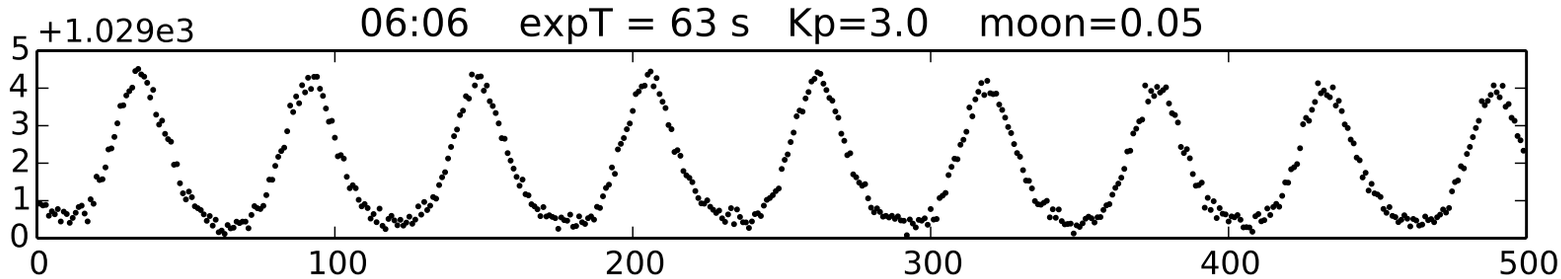

05:29 expT = 30 s Kp=3.0 moon=0.05
1090
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

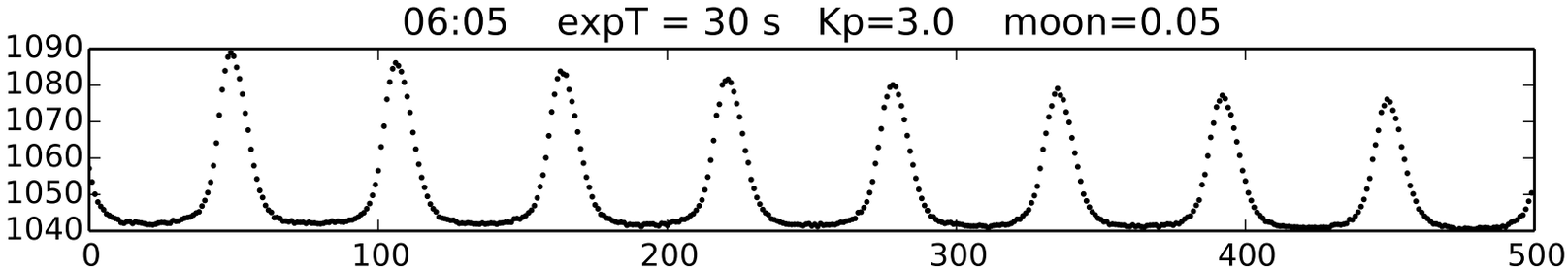

05:42 expT = 65 s Kp=3.0 moon=0.05
+1.03e3
6
5
4
3
2
1
0
0
100
200
300
400
500

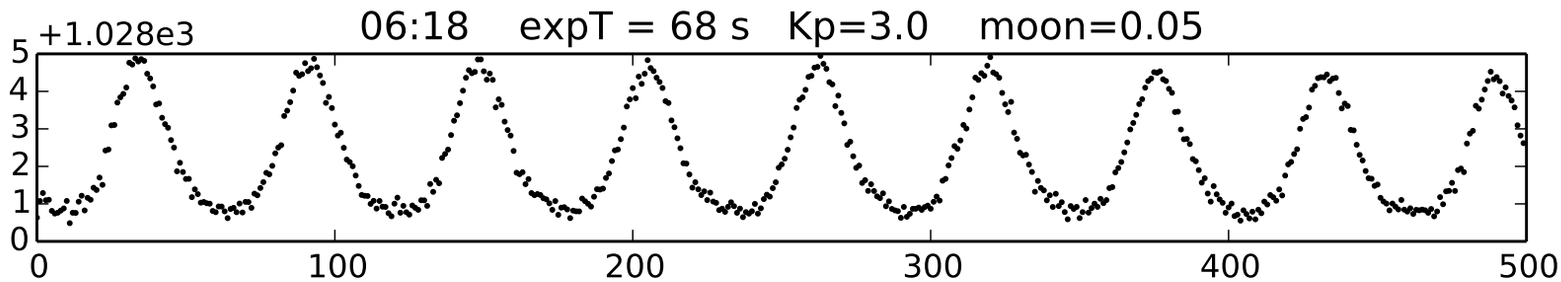

05:41 expT = 30 s Kp=3.0 moon=0.05
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

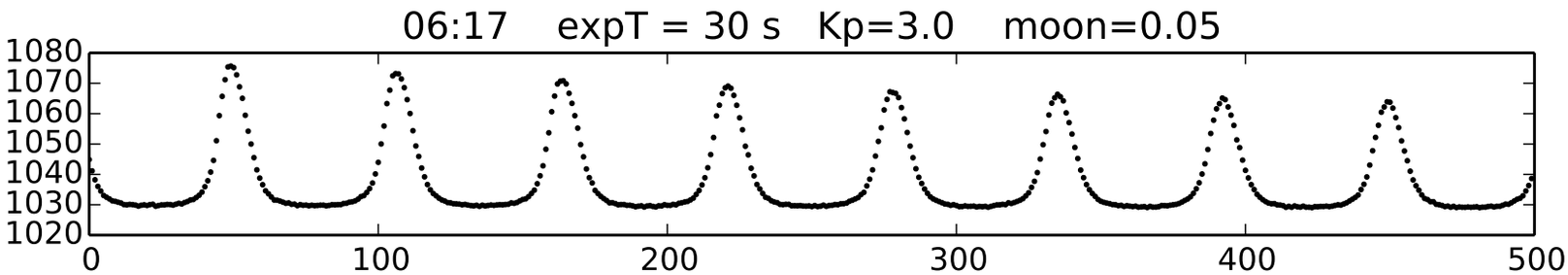

05:54 expT = 61 s Kp=3.0 moon=0.05
+1.03e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

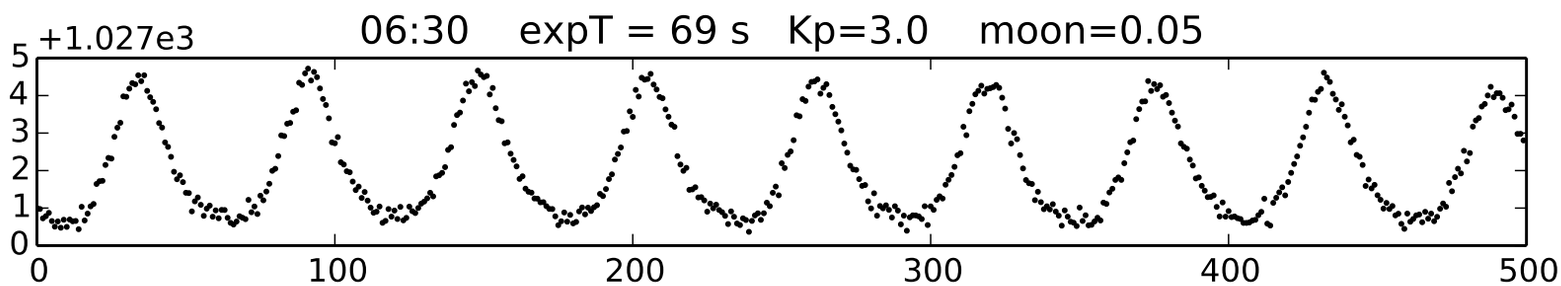

05:53 expT = 30 s Kp=3.0 moon=0.05
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

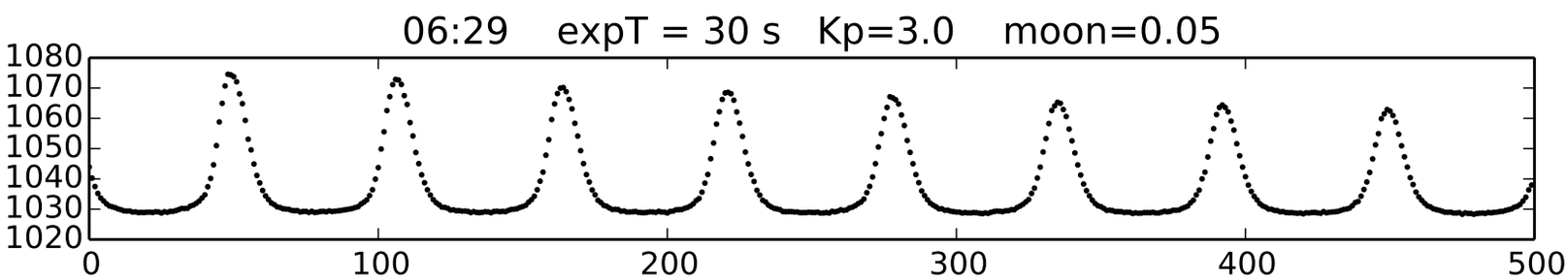

06:06 expT = 63 s Kp=3.0 moon=0.05
+1.029e3
5
4
3
2
1
0
0
100
200
300
400
500

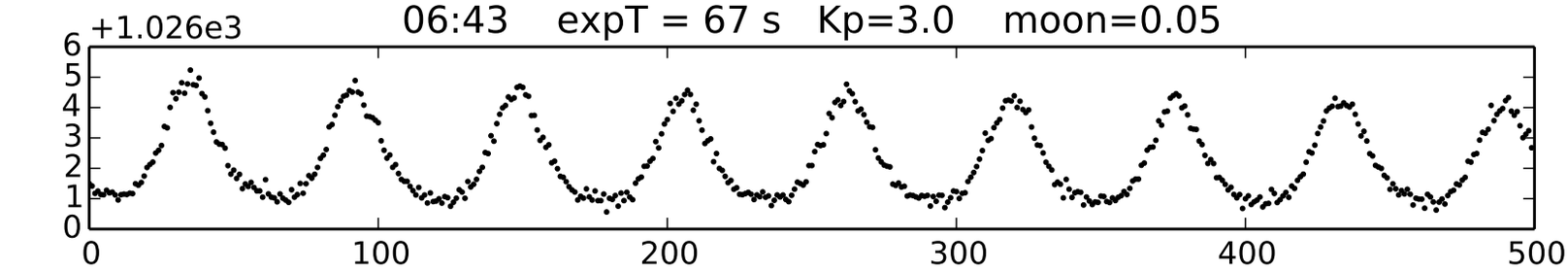

06:05 expT = 30 s Kp=3.0 moon=0.05
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

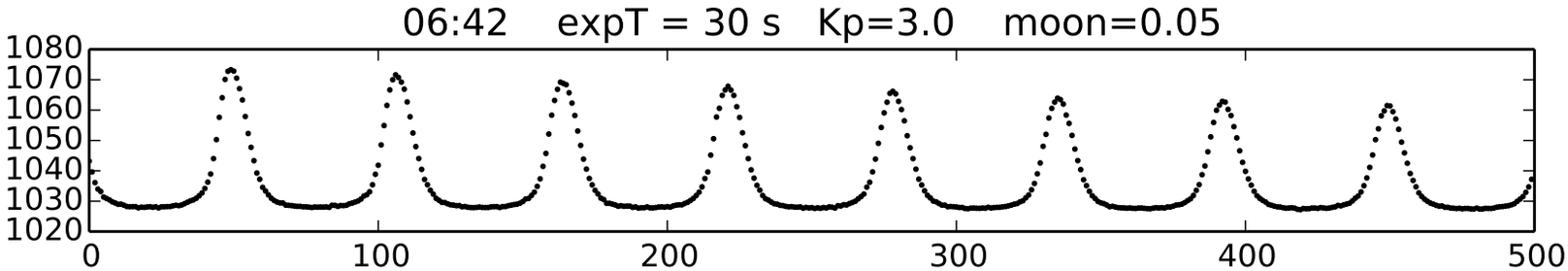

06:18 expT = 68 s Kp=3.0 moon=0.05
+1.028e3
5
4
3
2
1
0
0
100
200
300
400
500

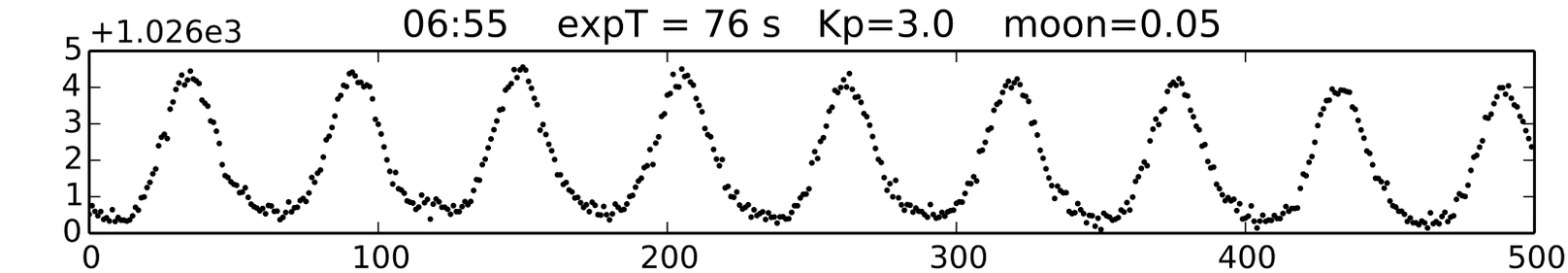

06:17 expT = 30 s Kp=3.0 moon=0.05
1080
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500

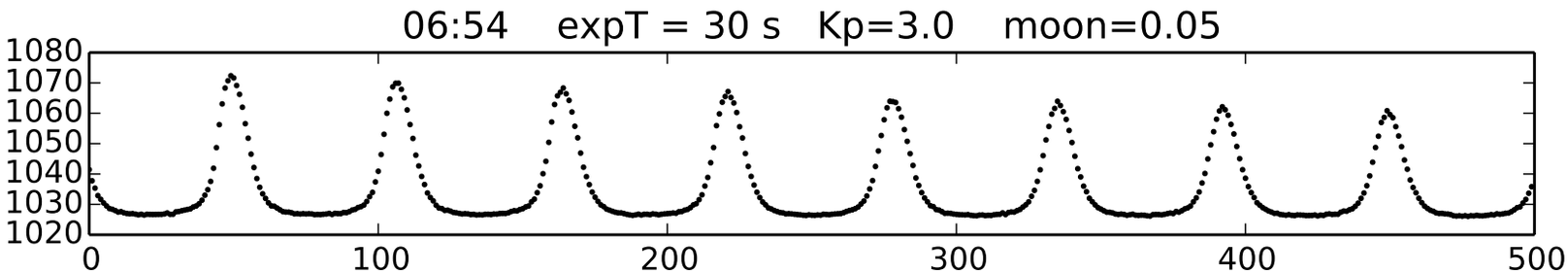

06:30 expT = 69 s Kp=3.0 moon=0.05
+1.027e3
5
4
3
2
1
0
0
100
200
300
400
500

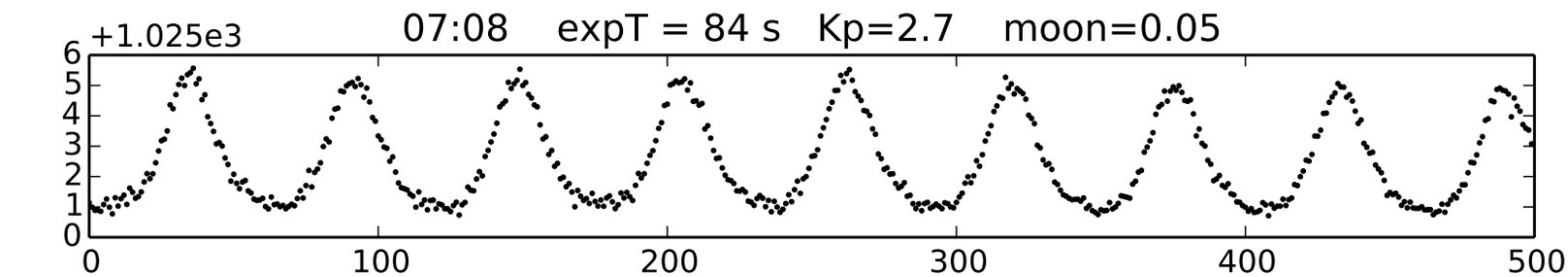

06:29 expT = 30 s Kp=3.0 moon=0.05
1080
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500

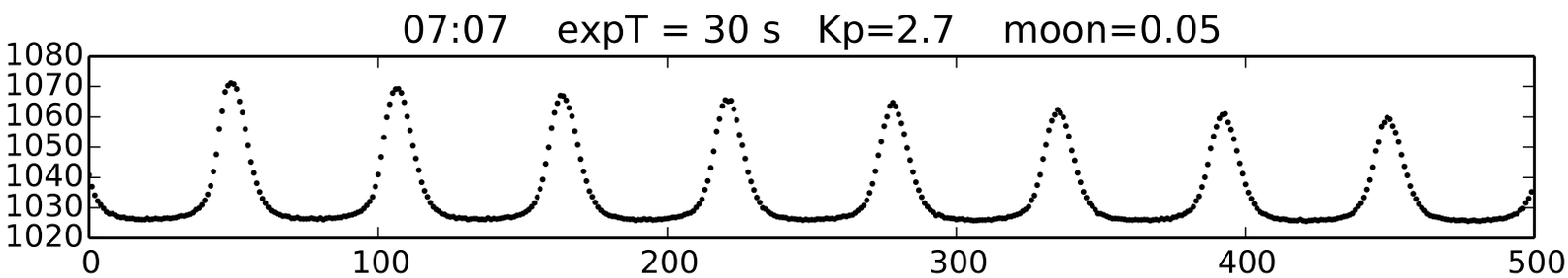

06:43 expT = 67 s Kp=3.0 moon=0.05
+1.026e3
0 1 2 3 4 5 6
0 100 200 300 400 500

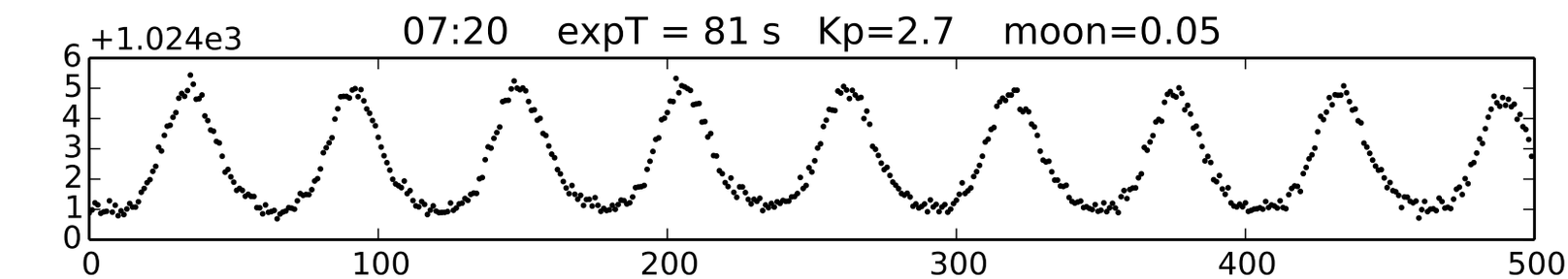

06:42 expT = 30 s Kp=3.0 moon=0.05
1020 1030 1040 1050 1060 1070 1080
0 100 200 300 400 500

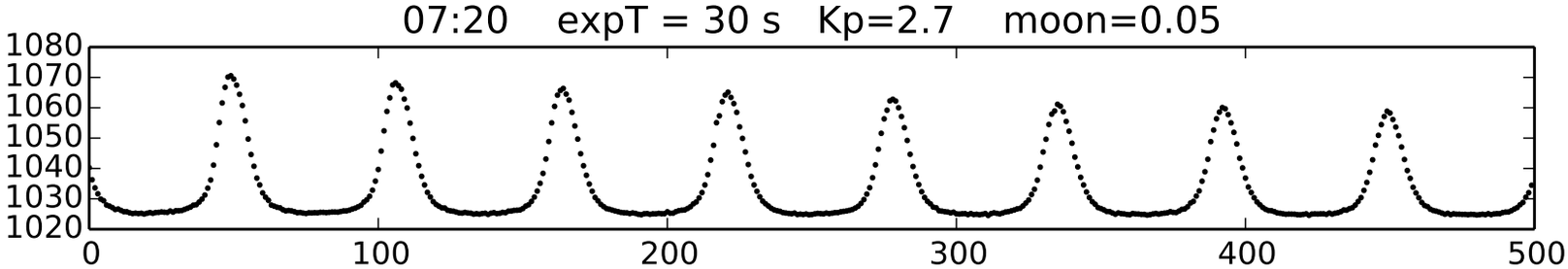

06:55 expT = 76 s Kp=3.0 moon=0.05
+1.026e3
0 1 2 3 4 5
0 100 200 300 400 500

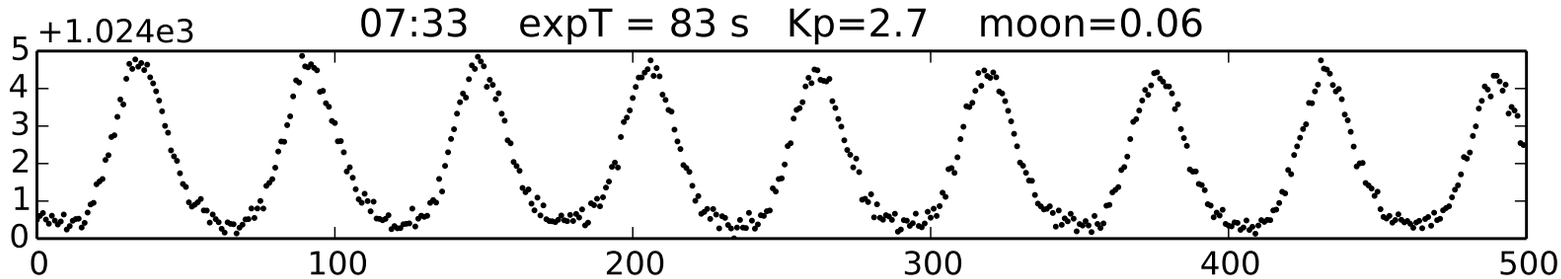

06:54 expT = 30 s Kp=3.0 moon=0.05
1020 1030 1040 1050 1060 1070 1080
0 100 200 300 400 500

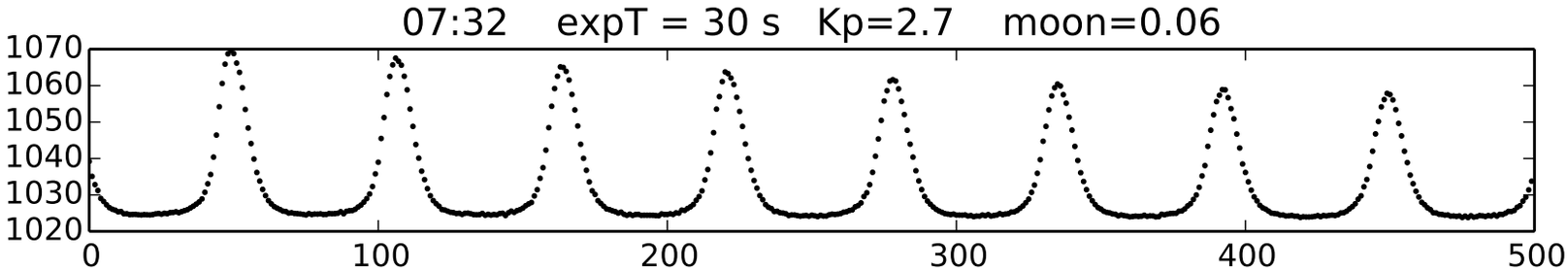

07:08 expT = 84 s Kp=2.7 moon=0.05
+1.025e3
0 1 2 3 4 5 6
0 100 200 300 400 500

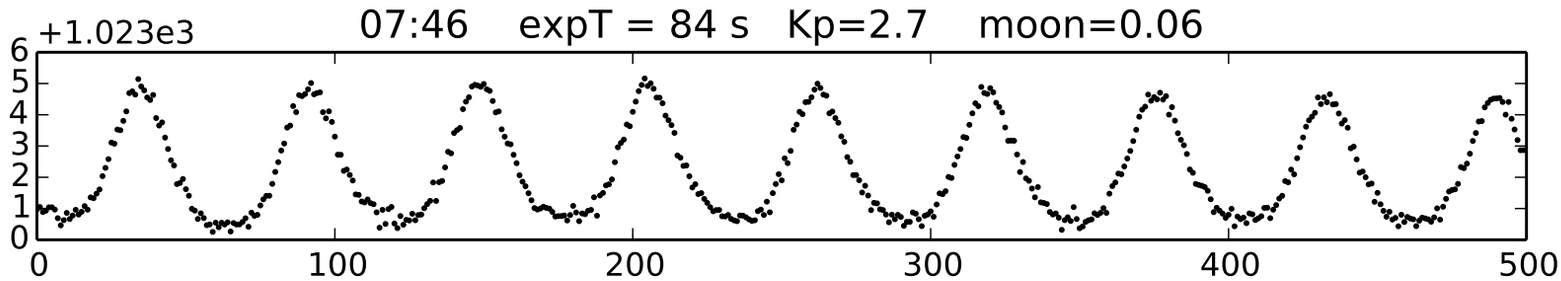

07:07 expT = 30 s Kp=2.7 moon=0.05
1020 1030 1040 1050 1060 1070 1080
0 100 200 300 400 500

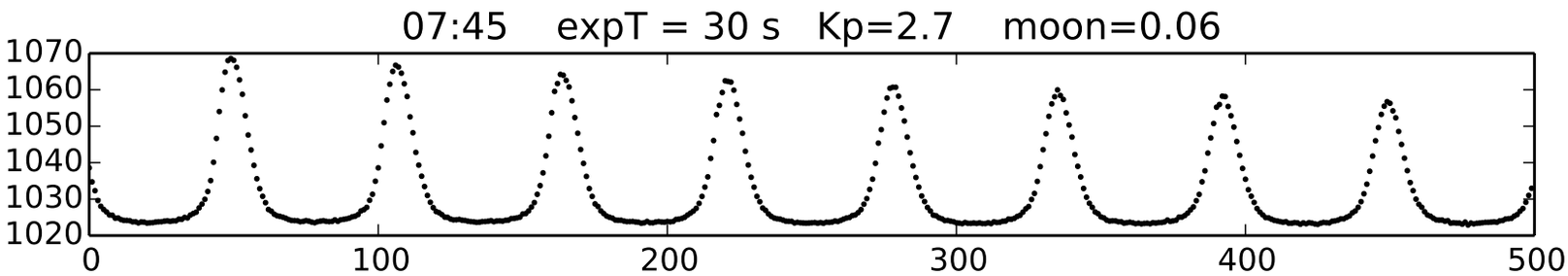

07:20 expT = 81 s Kp=2.7 moon=0.05
+1.024e3
0 1 2 3 4 5 6
0 100 200 300 400 500

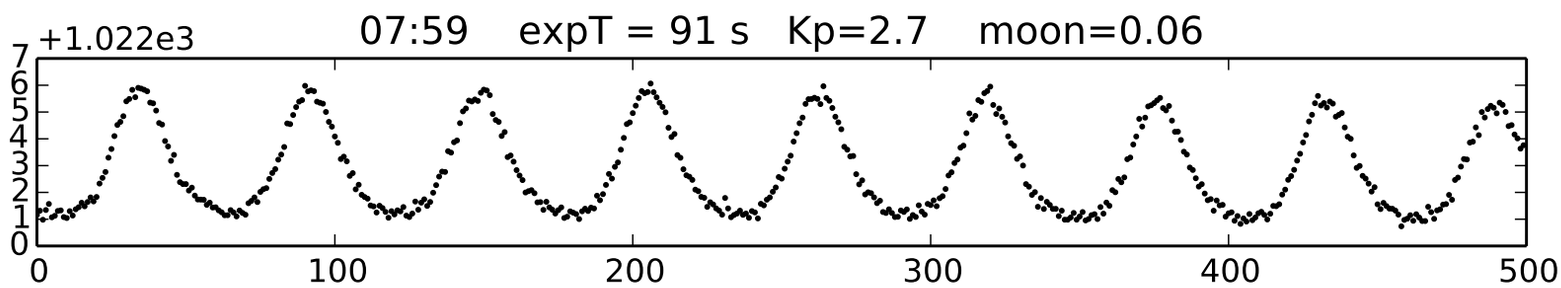

07:20 expT = 30 s Kp=2.7 moon=0.05
1080
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500

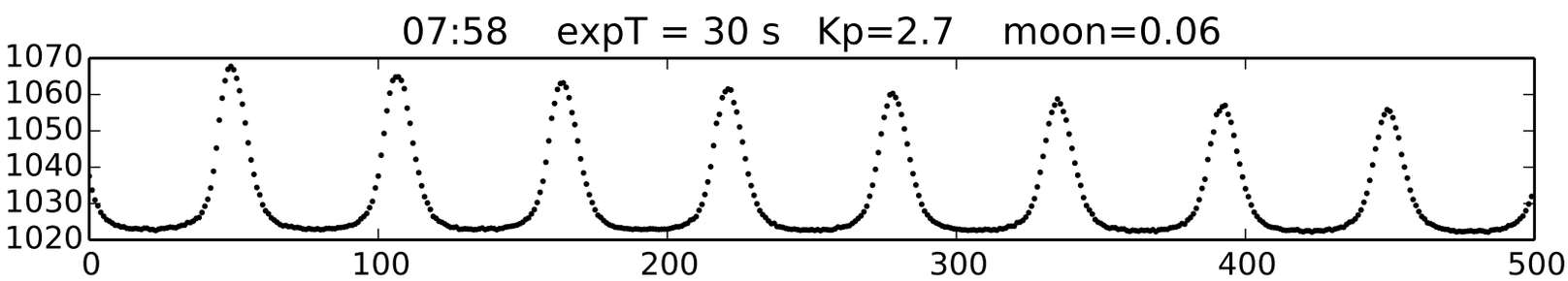

07:33 expT = 83 s Kp=2.7 moon=0.06
+1.024e3
5
4
3
2
1
0
0
100
200
300
400
500

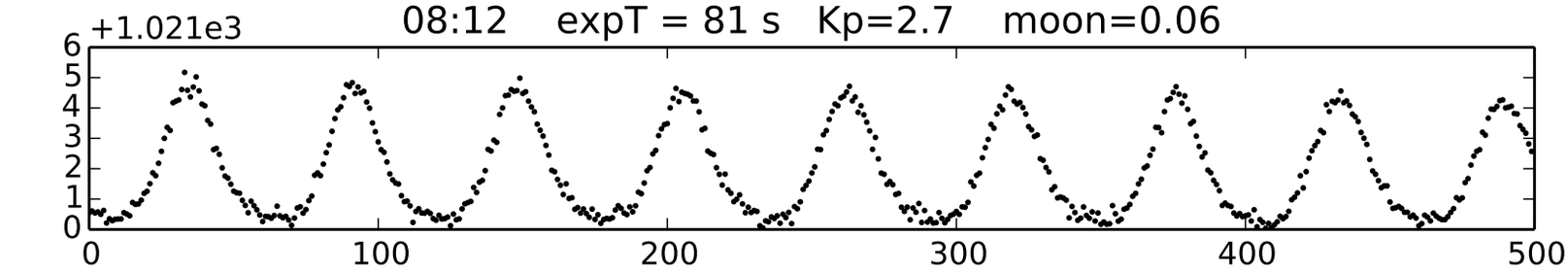

07:32 expT = 30 s Kp=2.7 moon=0.06
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500

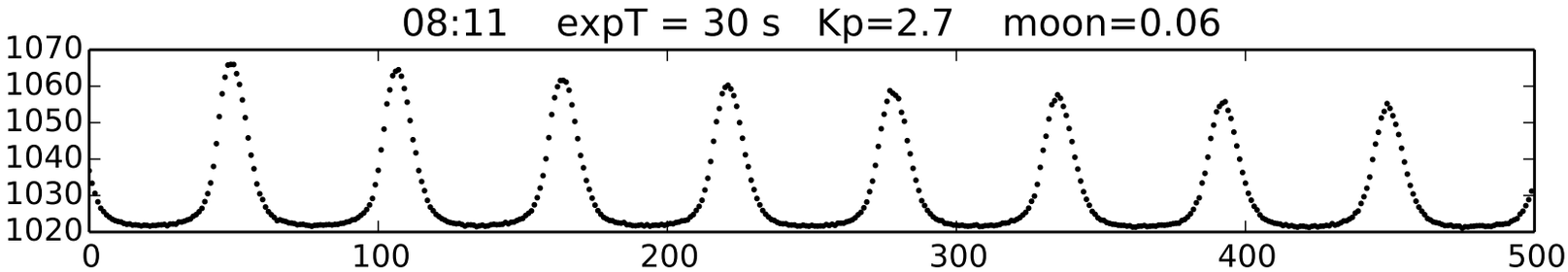

07:46 expT = 84 s Kp=2.7 moon=0.06
+1.023e3
6
5
4
3
2
1
0
0
100
200
300
400
500

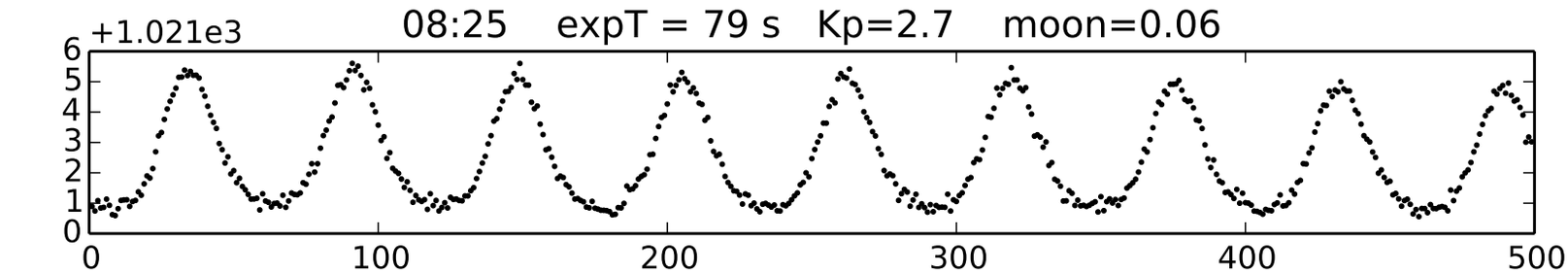

07:45 expT = 30 s Kp=2.7 moon=0.06
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500

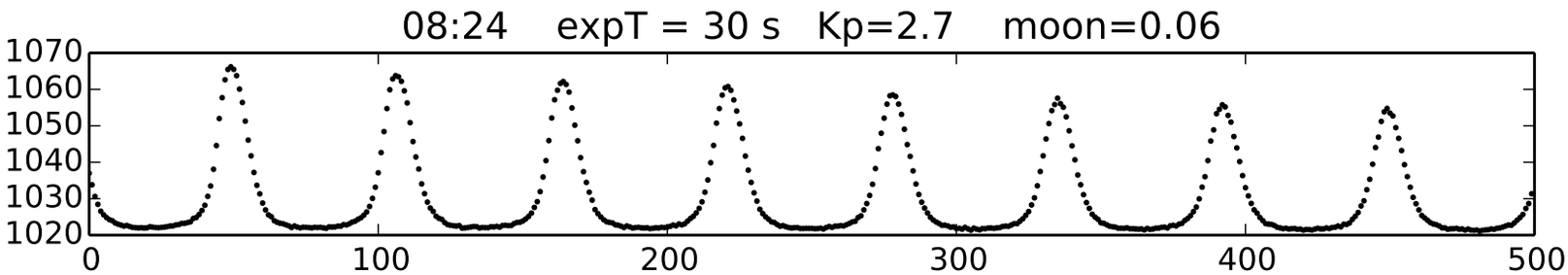

07:59 expT = 91 s Kp=2.7 moon=0.06
+1.022e3
7
6
5
4
3
2
1
0
0
100
200
300
400
500

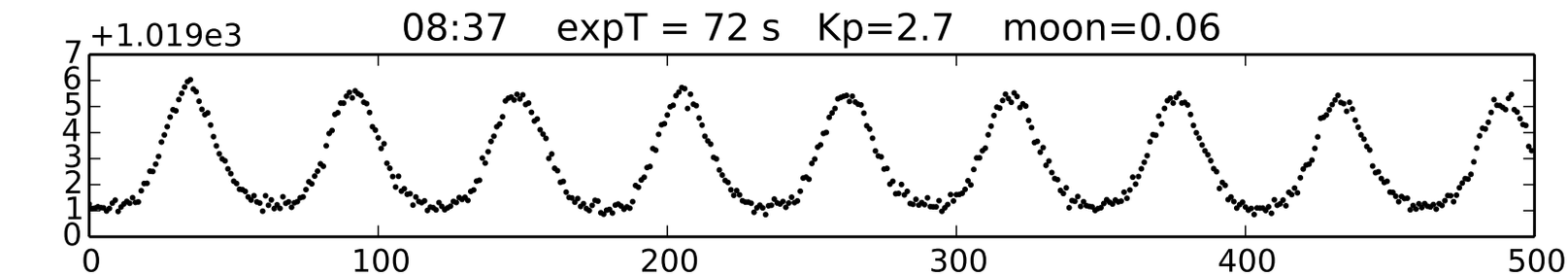

07:58 expT = 30 s Kp=2.7 moon=0.06
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500

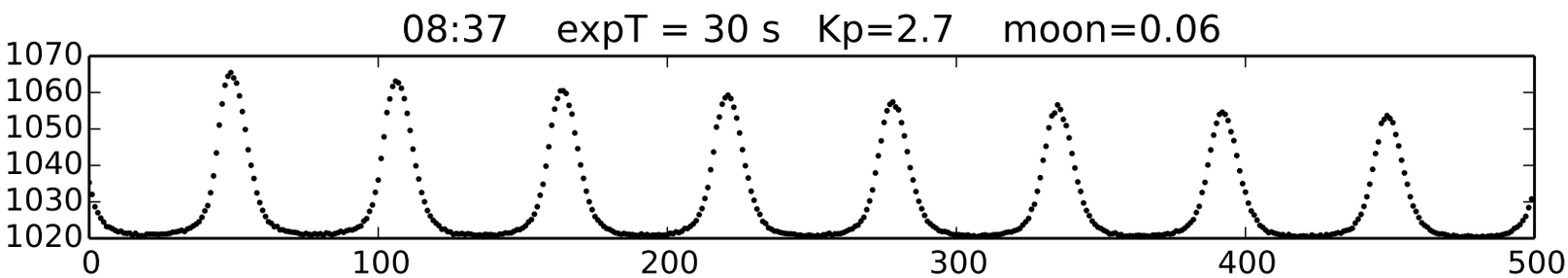

08:12 expT = 81 s Kp=2.7 moon=0.06
+1.021e3
0 1 2 3 4 5 6
0 100 200 300 400 500

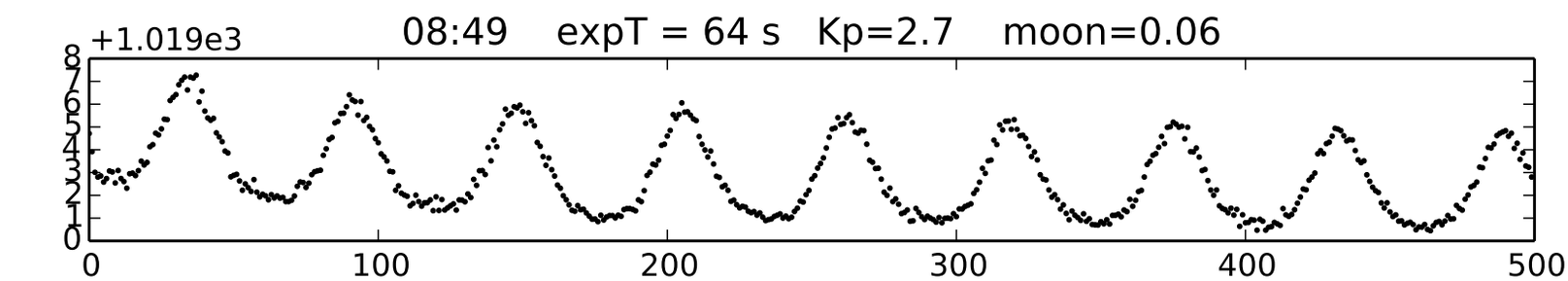

08:11 expT = 30 s Kp=2.7 moon=0.06
1020 1030 1040 1050 1060 1070
0 100 200 300 400 500

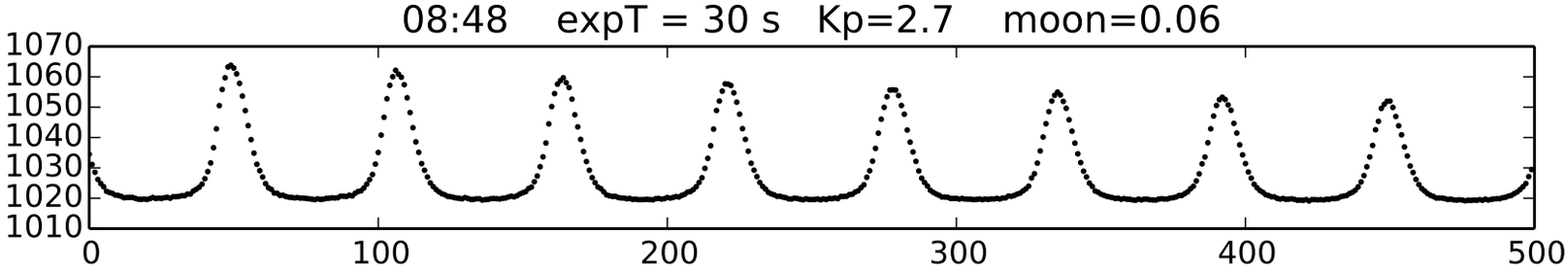

08:25 expT = 79 s Kp=2.7 moon=0.06
+1.021e3
0 1 2 3 4 5 6
0 100 200 300 400 500

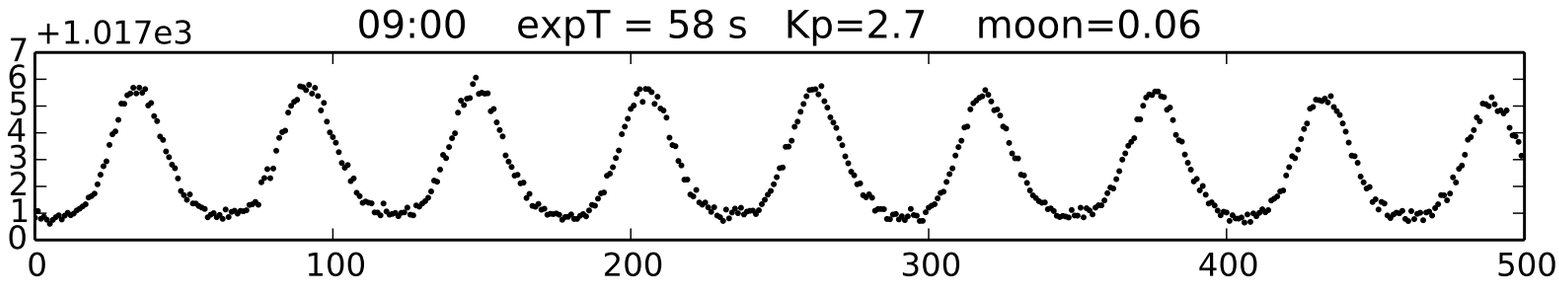

08:24 expT = 30 s Kp=2.7 moon=0.06
1020 1030 1040 1050 1060 1070
0 100 200 300 400 500

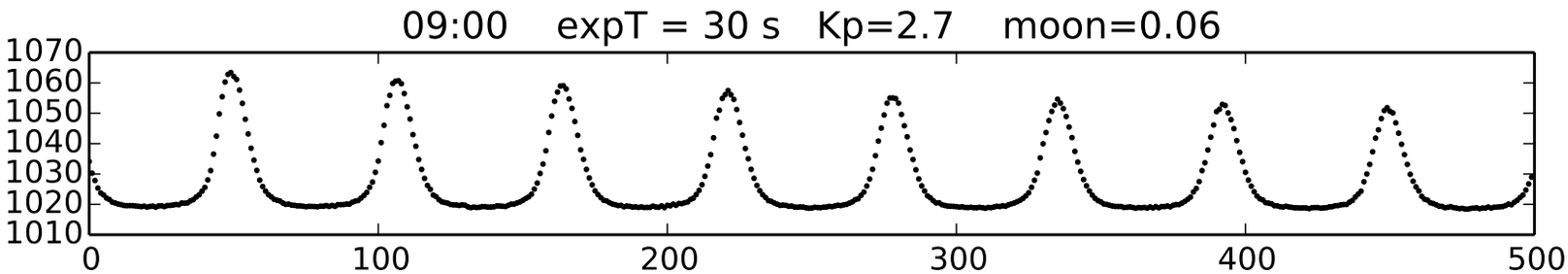

08:37 expT = 72 s Kp=2.7 moon=0.06
+1.019e3
0 1 2 3 4 5 6 7
0 100 200 300 400 500

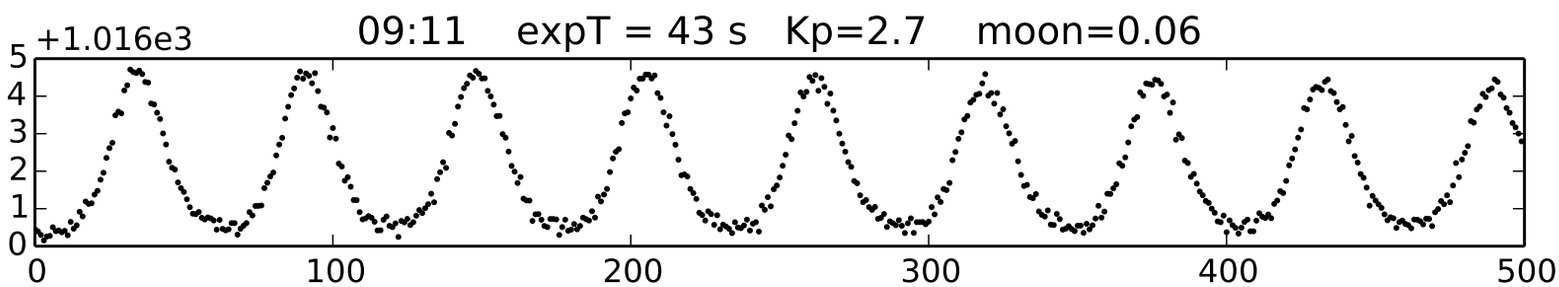

08:37 expT = 30 s Kp=2.7 moon=0.06
1020 1030 1040 1050 1060 1070
0 100 200 300 400 500

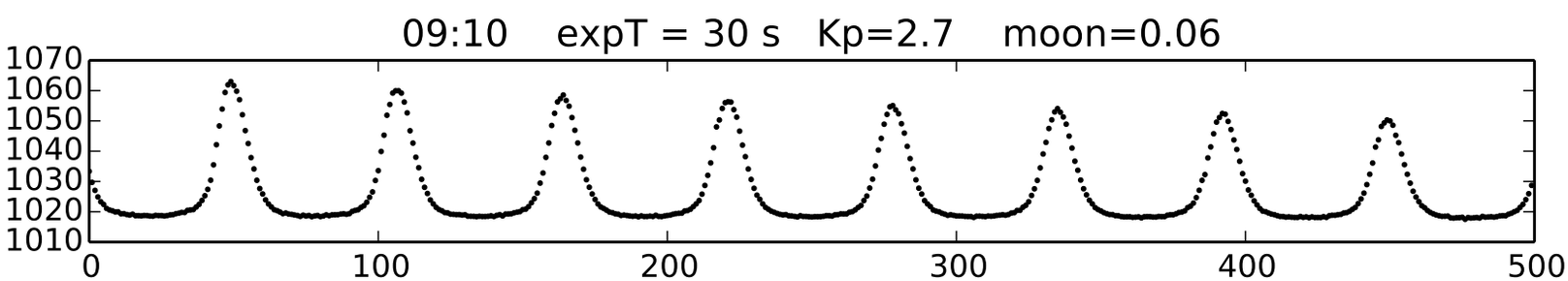

08:49 expT = 64 s Kp=2.7 moon=0.06
+1.019e3
0 1 2 3 4 5 6 7 8
0 100 200 300 400 500

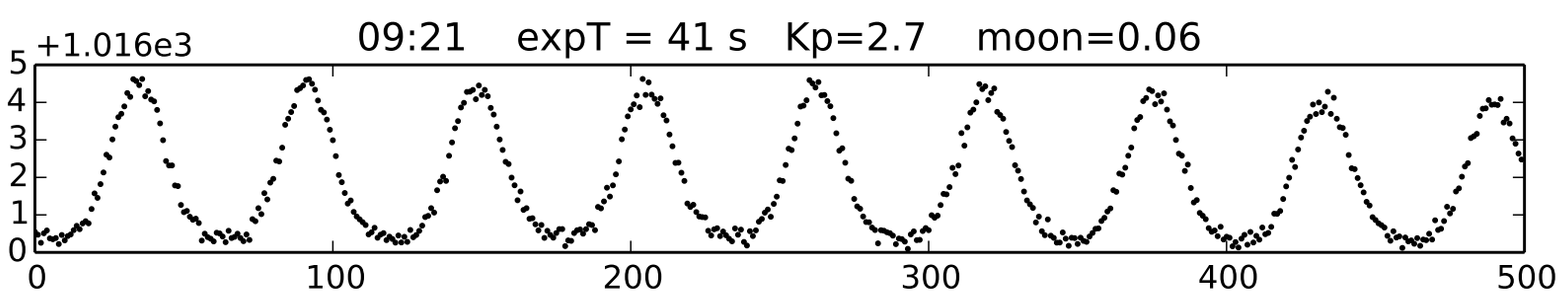

08:48 expT = 30 s Kp=2.7 moon=0.06
1070
1060
1050
1040
1030
1020
1010
0
100
200
300
400
500

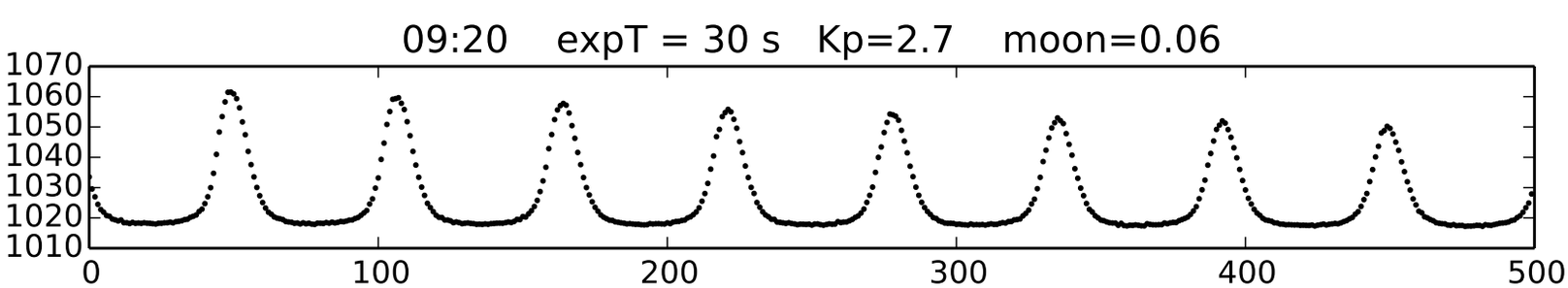

09:00 expT = 58 s Kp=2.7 moon=0.06
+1.017e3
7
6
5
4
3
2
1
0
0
100
200
300
400
500

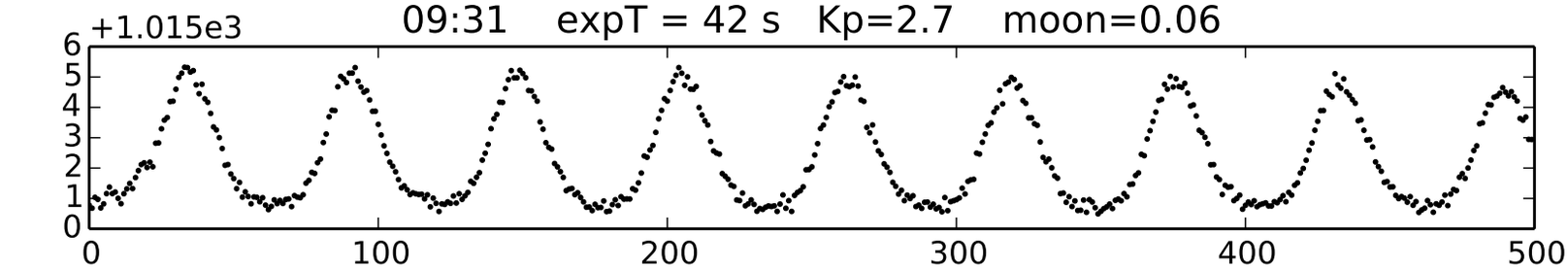

09:00 expT = 30 s Kp=2.7 moon=0.06
1070
1060
1050
1040
1030
1020
1010
0
100
200
300
400
500

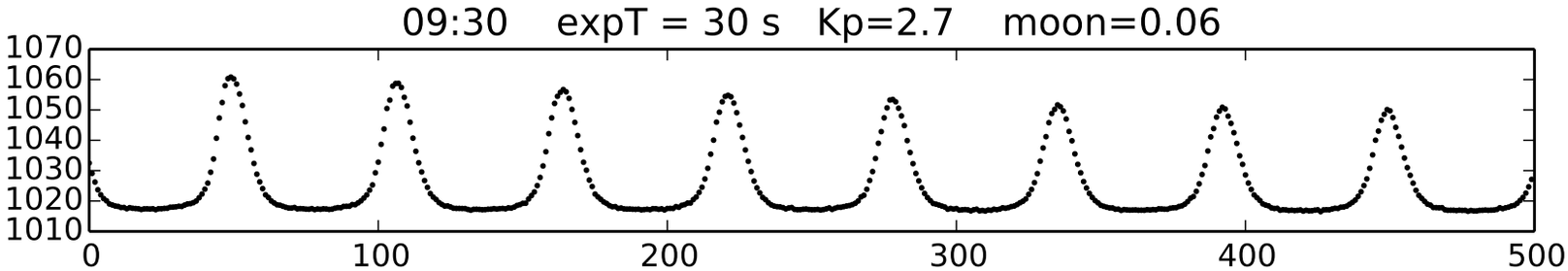

09:11 expT = 43 s Kp=2.7 moon=0.06
+1.016e3
5
4
3
2
1
0
0
100
200
300
400
500

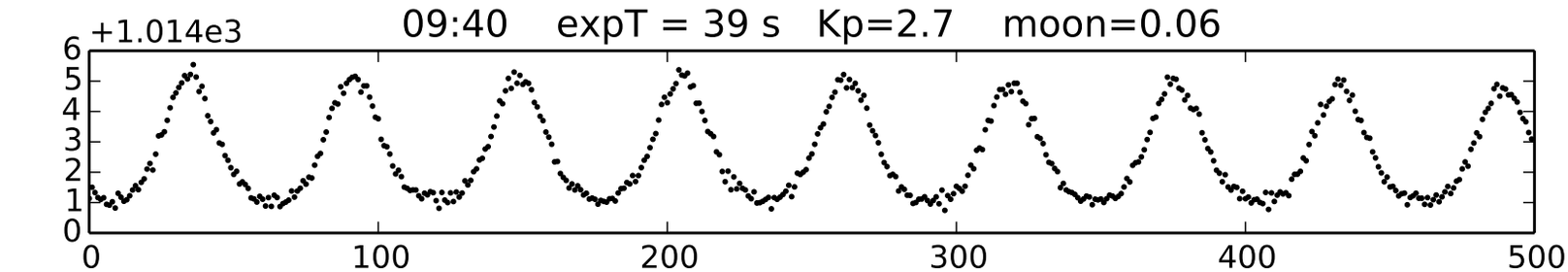

09:10 expT = 30 s Kp=2.7 moon=0.06
1070
1060
1050
1040
1030
1020
1010
0
100
200
300
400
500

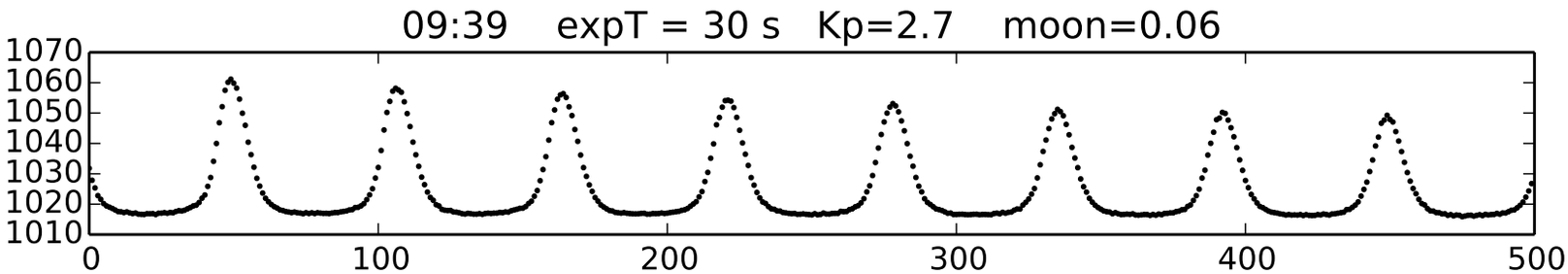

09:21 expT = 41 s Kp=2.7 moon=0.06
+1.016e3
5
4
3
2
1
0
0
100
200
300
400
500

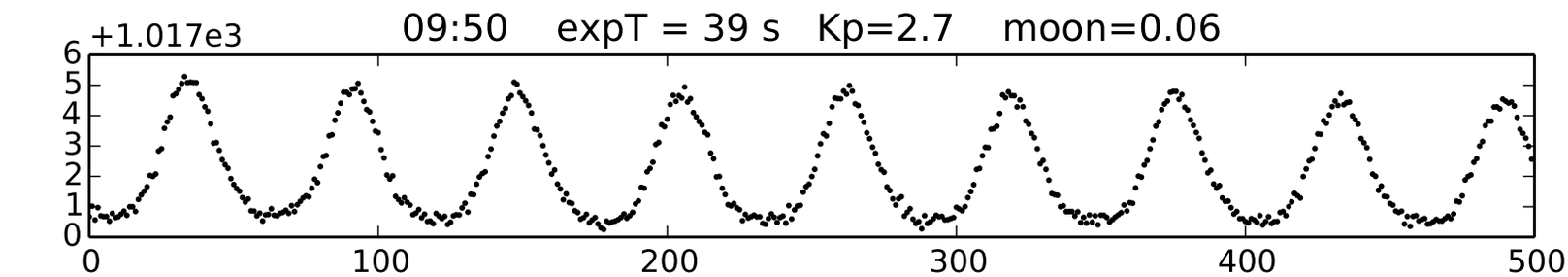

09:20 expT = 30 s Kp=2.7 moon=0.06
1070
1060
1050
1040
1030
1020
1010
0
100
200
300
400
500

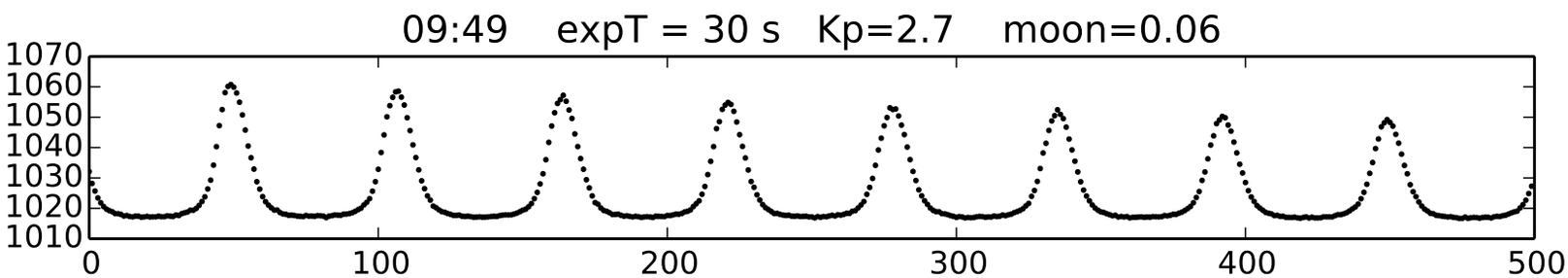

09:31 expT = 42 s Kp=2.7 moon=0.06
+1.015e3
0 1 2 3 4 5 6
0 100 200 300 400 500

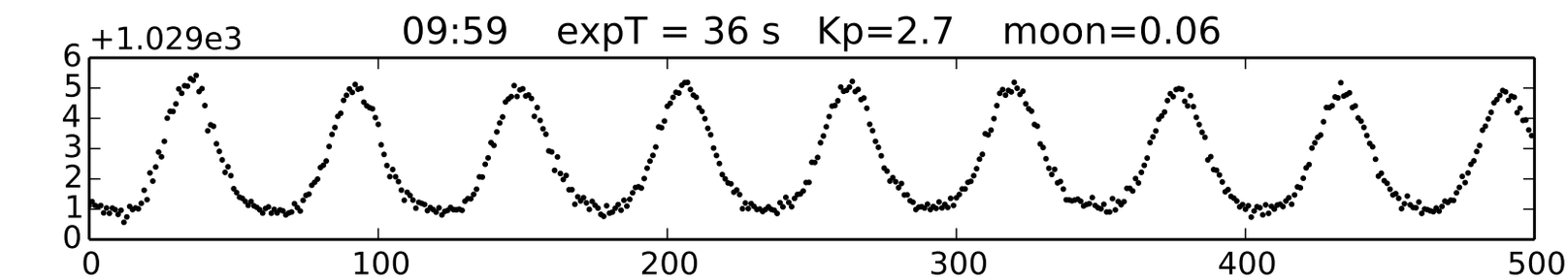

09:30 expT = 30 s Kp=2.7 moon=0.06
1010 1020 1030 1040 1050 1060 1070
0 100 200 300 400 500

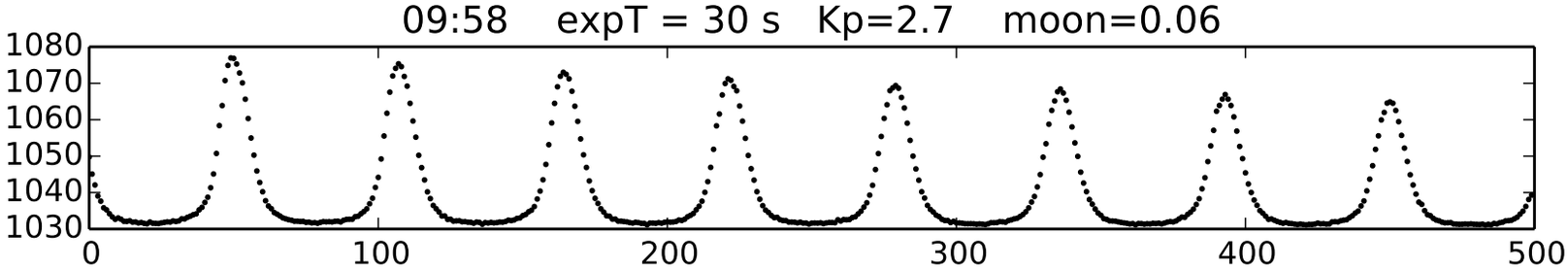

09:40 expT = 39 s Kp=2.7 moon=0.06
+1.014e3
0 1 2 3 4 5 6
0 100 200 300 400 500

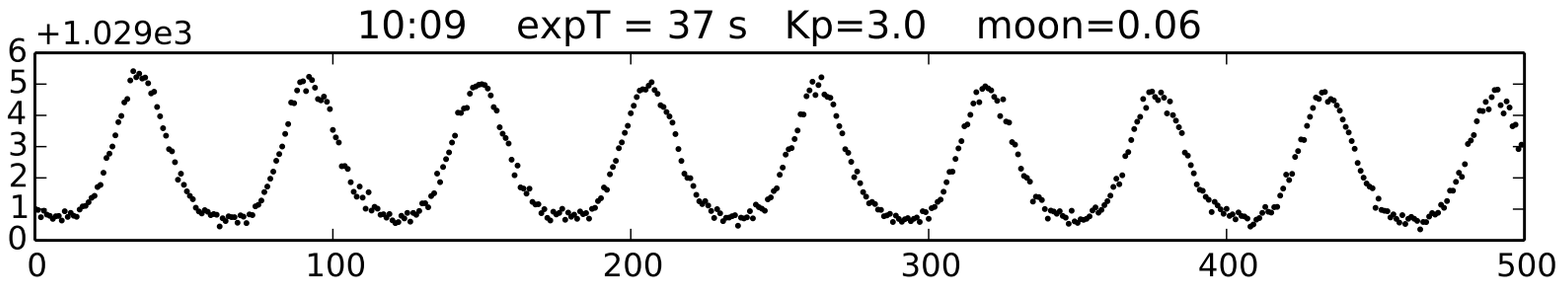

09:39 expT = 30 s Kp=2.7 moon=0.06
1010 1020 1030 1040 1050 1060 1070
0 100 200 300 400 500

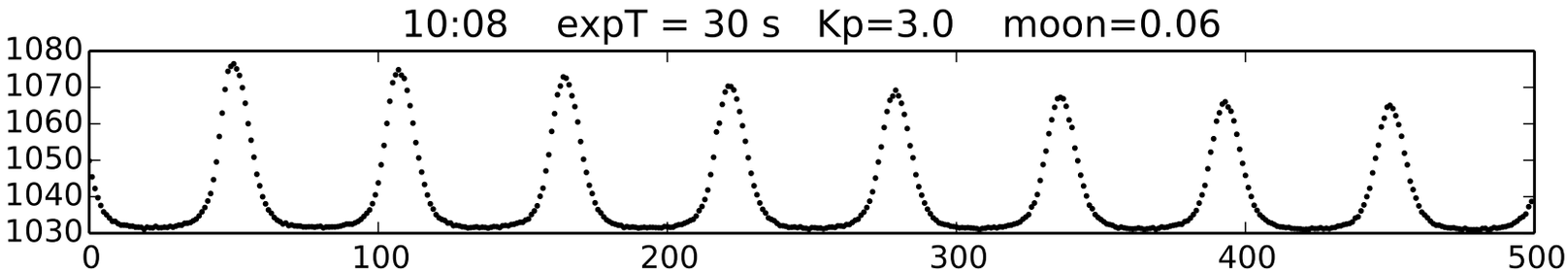

09:50 expT = 39 s Kp=2.7 moon=0.06
+1.017e3
0 1 2 3 4 5 6
0 100 200 300 400 500

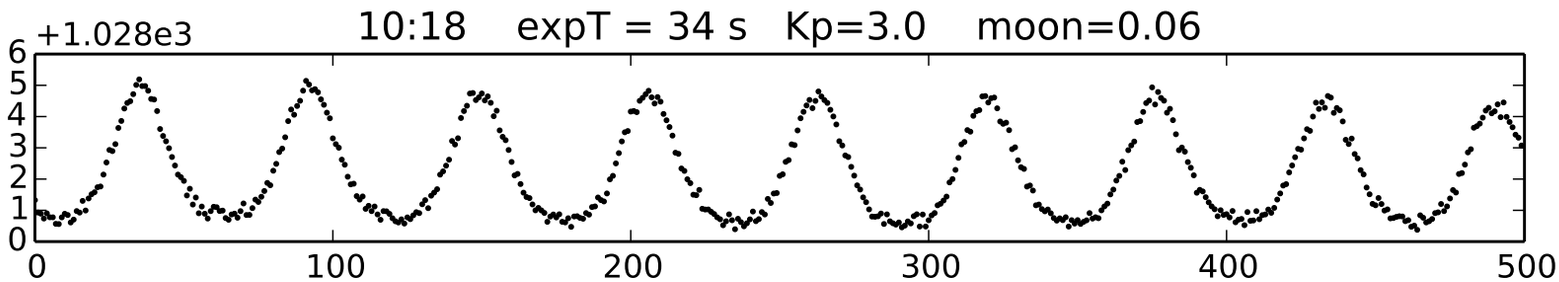

09:49 expT = 30 s Kp=2.7 moon=0.06
1010 1020 1030 1040 1050 1060 1070
0 100 200 300 400 500

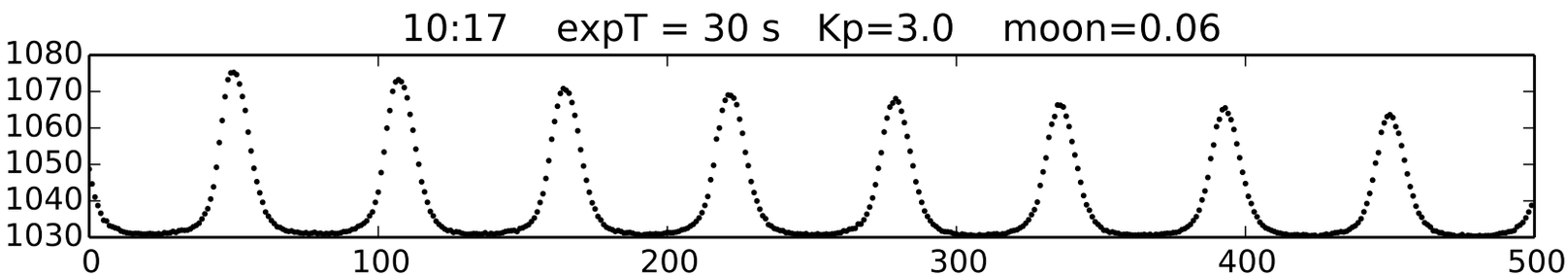

09:59 expT = 36 s Kp=2.7 moon=0.06
+1.029e3
0 1 2 3 4 5 6
0 100 200 300 400 500

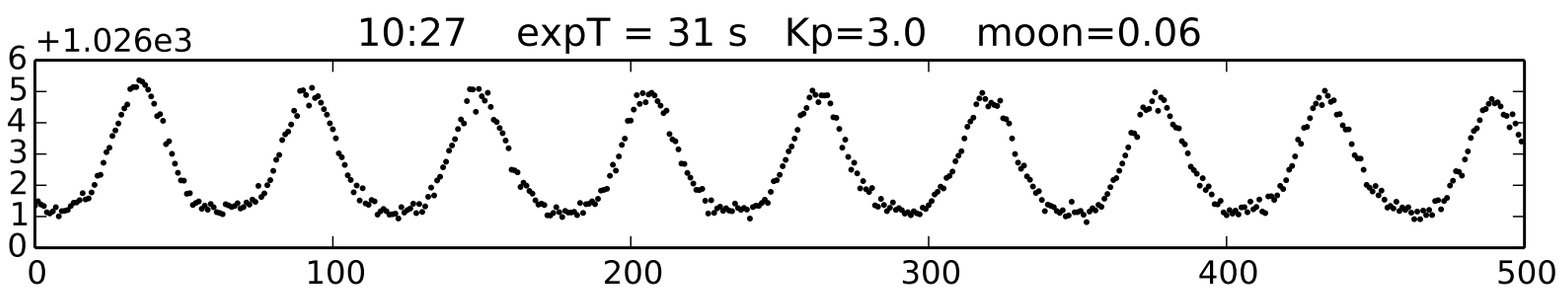

09:58 expT = 30 s Kp=2.7 moon=0.06
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

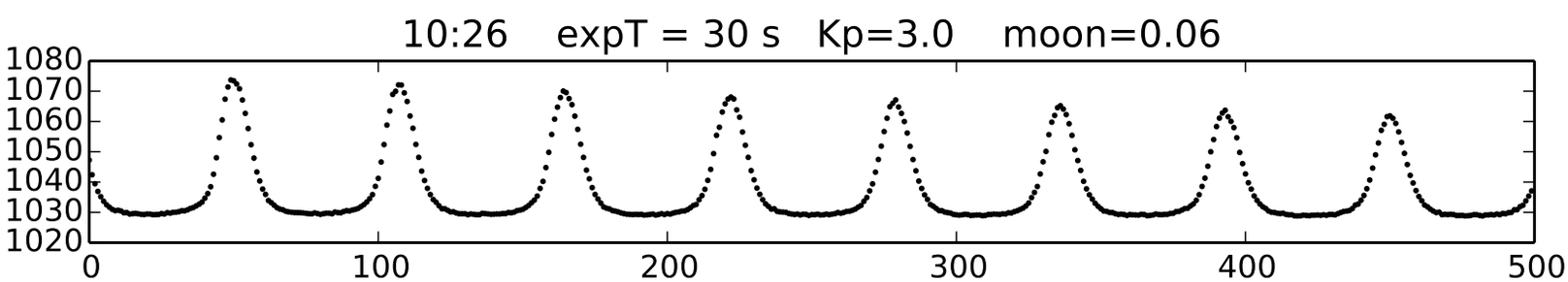

10:09 expT = 37 s Kp=3.0 moon=0.06
+1.029e3
6
5
4
3
2
1
0
0
100
200
300
400
500

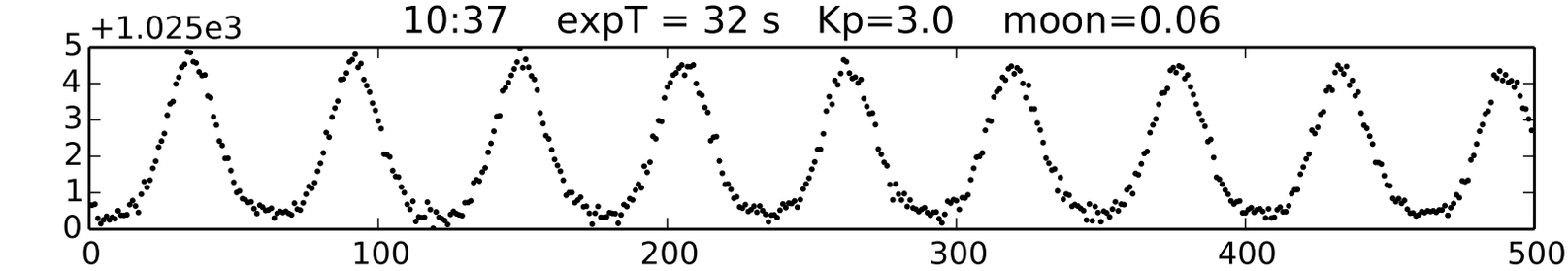

10:08 expT = 30 s Kp=3.0 moon=0.06
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

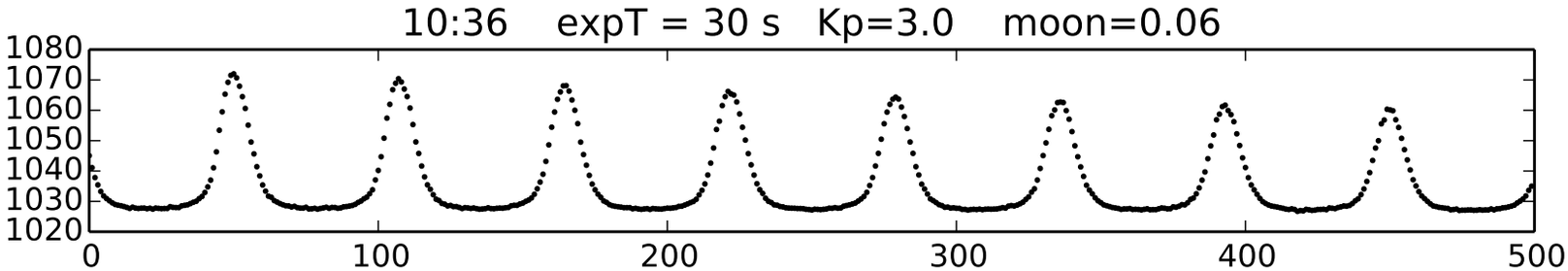

10:18 expT = 34 s Kp=3.0 moon=0.06
+1.028e3
6
5
4
3
2
1
0
0
100
200
300
400
500

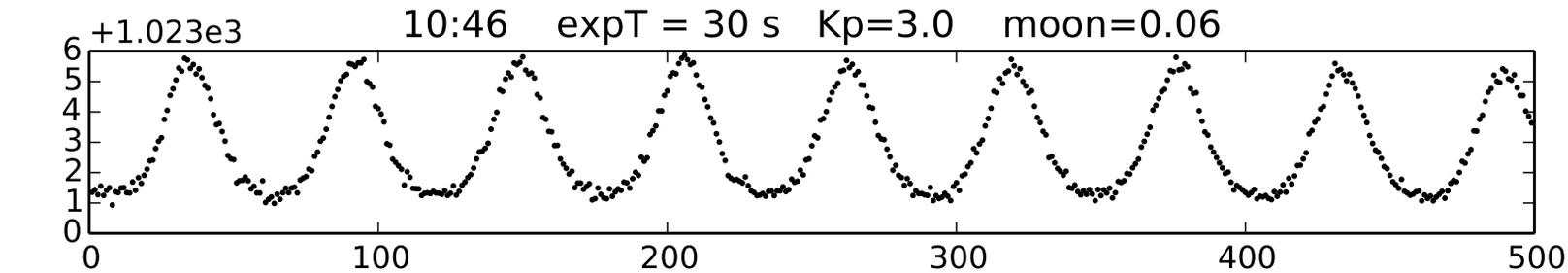

10:17 expT = 30 s Kp=3.0 moon=0.06
1080
1070
1060
1050
1040
1030
0
100
200
300
400
500

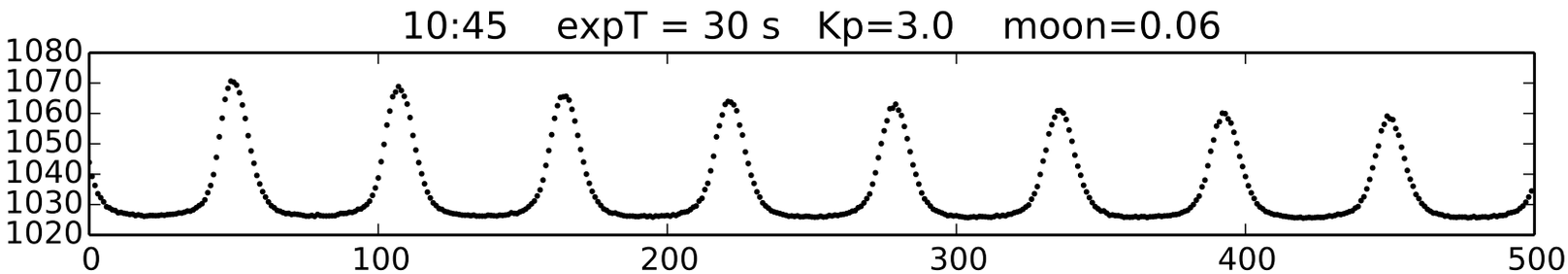

10:27 expT = 31 s Kp=3.0 moon=0.06
+1.026e3
6
5
4
3
2
1
0
0
100
200
300
400
500

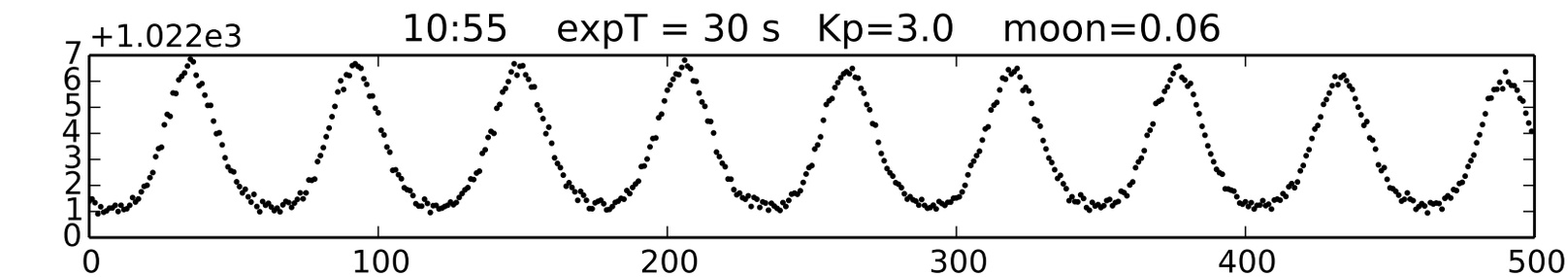

10:26 expT = 30 s Kp=3.0 moon=0.06
1080
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500

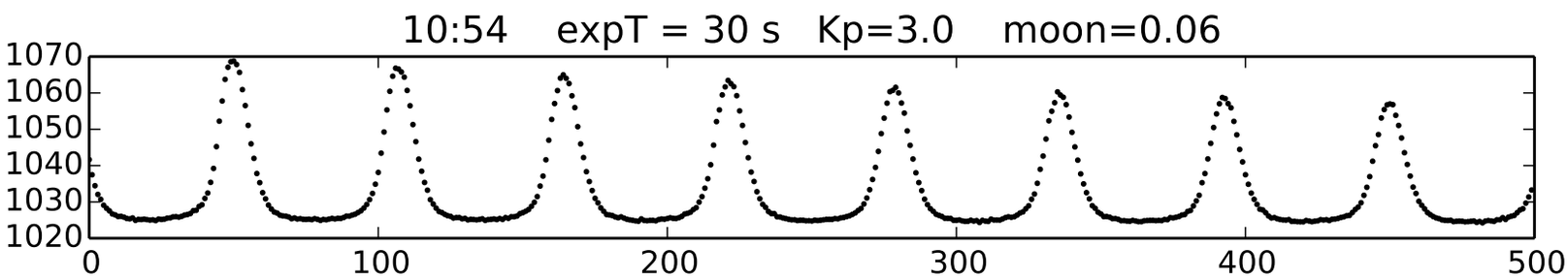

10:37 expT = 32 s Kp=3.0 moon=0.06
+1.025e3
0 1 2 3 4 5
0 100 200 300 400 500

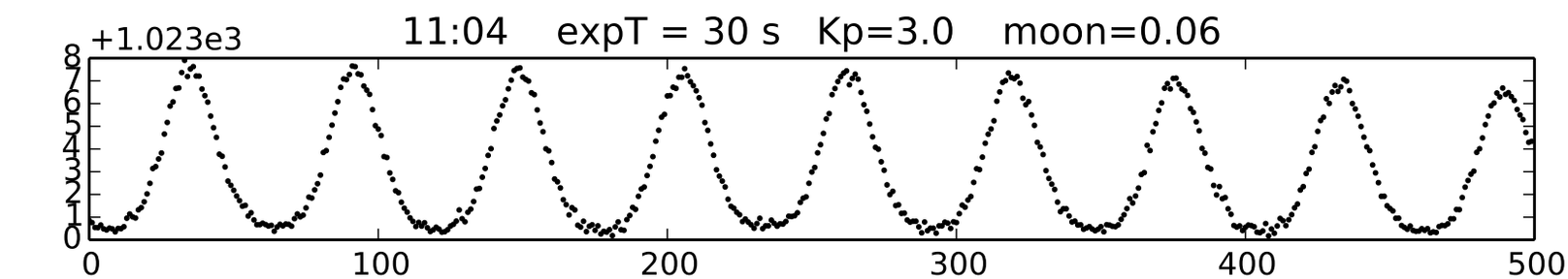

10:36 expT = 30 s Kp=3.0 moon=0.06
1020 1030 1040 1050 1060 1070 1080
0 100 200 300 400 500

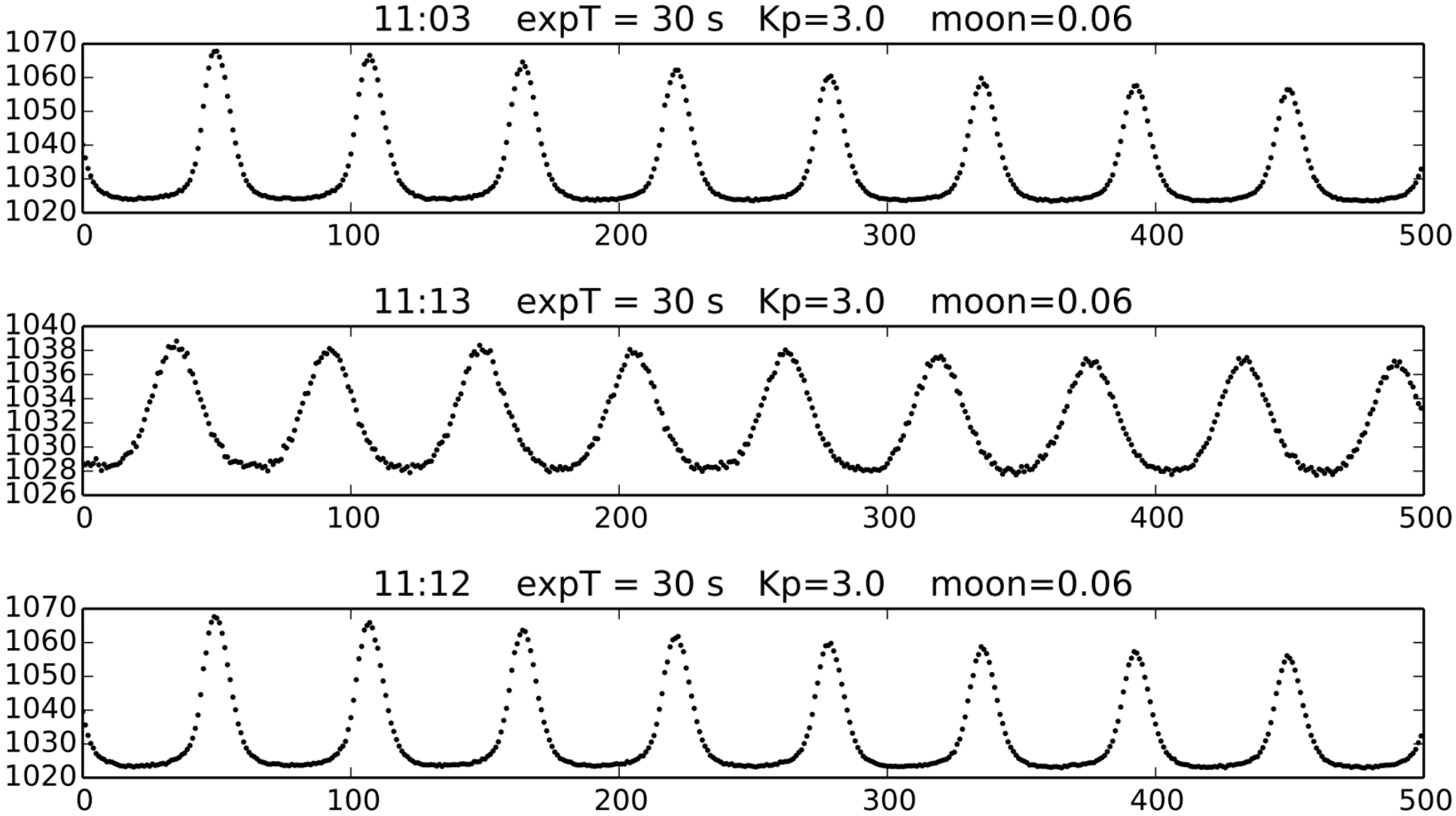

10:46 expT = 30 s Kp=3.0 moon=0.06
+1.023e3
0 1 2 3 4 5 6
0 100 200 300 400 500


10:45 expT = 30 s Kp=3.0 moon=0.06
1020 1030 1040 1050 1060 1070 1080
0 100 200 300 400 500


10:55 expT = 30 s Kp=3.0 moon=0.06
+1.022e3
0 1 2 3 4 5 6 7
0 100 200 300 400 500


10:54 expT = 30 s Kp=3.0 moon=0.06
1020 1030 1040 1050 1060 1070
0 100 200 300 400 500


11:04 expT = 30 s Kp=3.0 moon=0.06
+1.023e3
0 1 2 3 4 5 6 7 8
0 100 200 300 400 500


11:03 expT = 30 s Kp=3.0 moon=0.06
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500
11:13 expT = 30 s Kp=3.0 moon=0.06
1040
1038
1036
1034
1032
1030
1028
1026
0
100
200
300
400
500
11:12 expT = 30 s Kp=3.0 moon=0.06
1070
1060
1050
1040
1030
1020
0
100
200
300
400
500