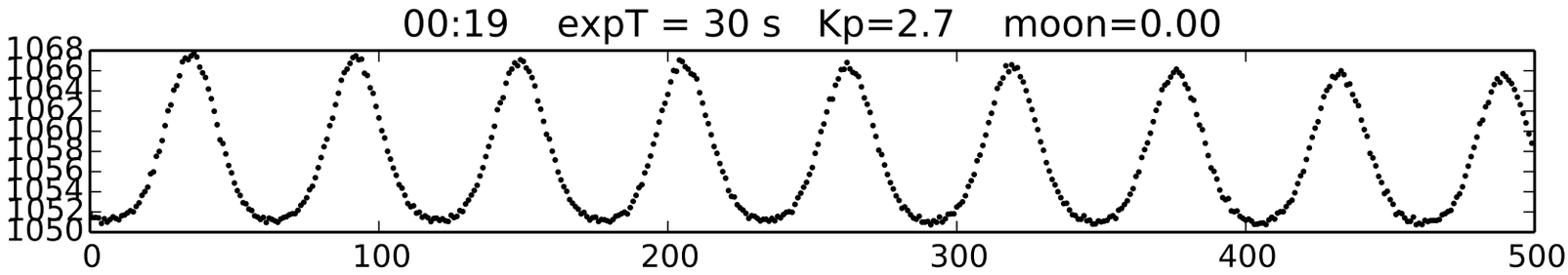
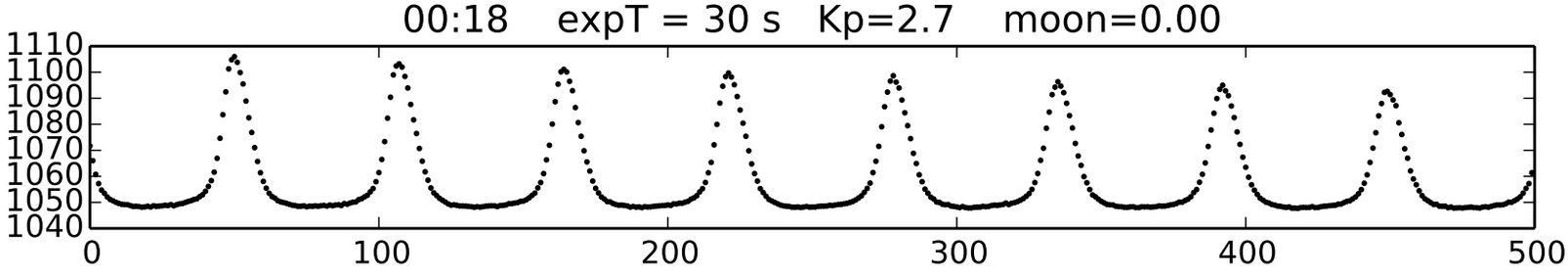
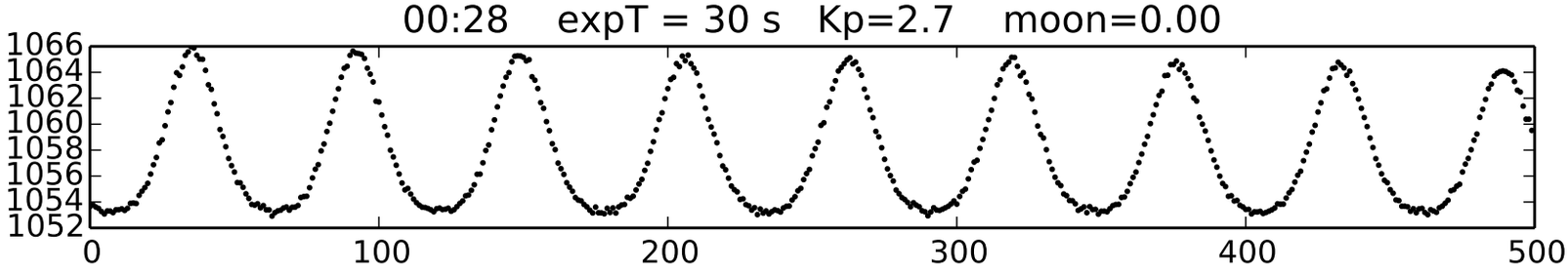
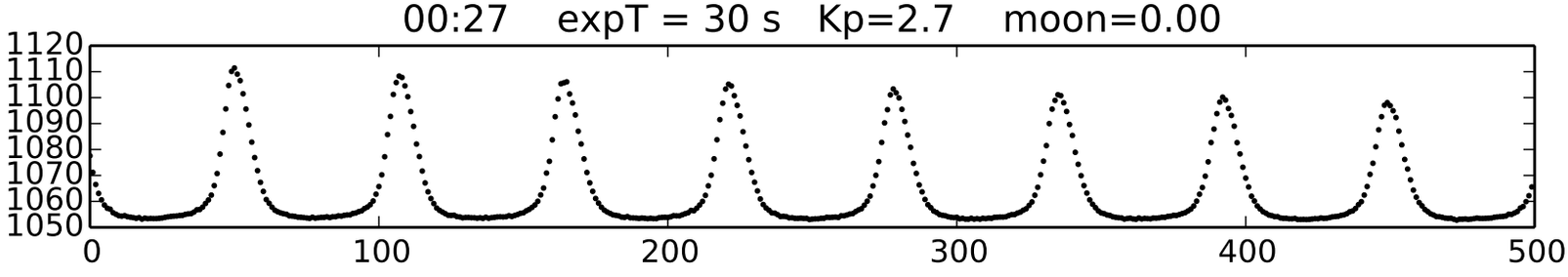
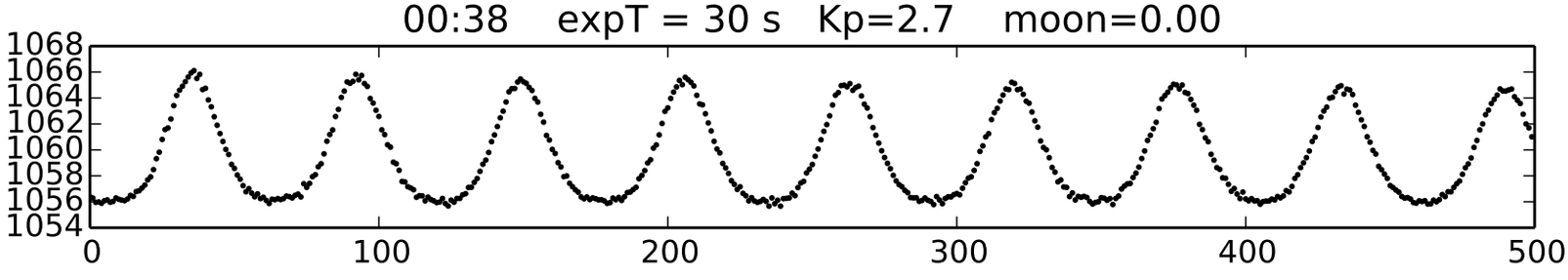
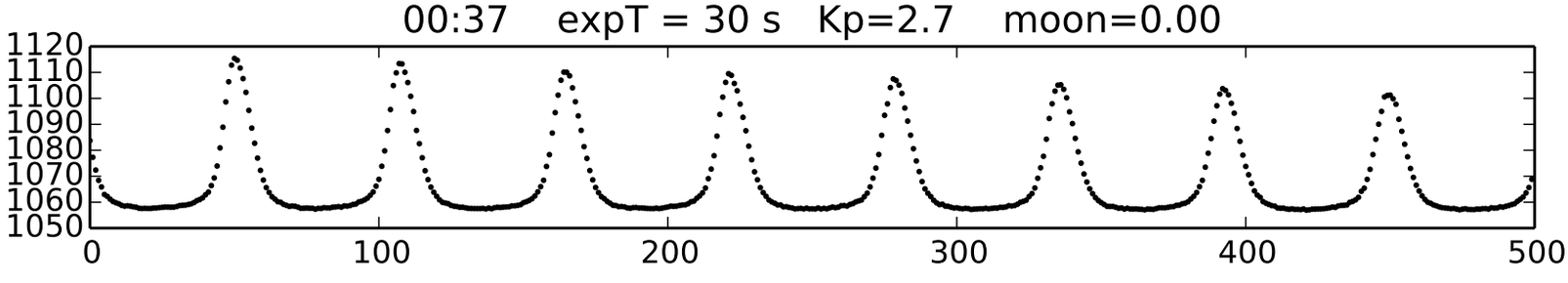

00:19 expT = 30 s Kp=2.7 moon=0.00
1068
1066
1064
1062
1060
1058
1056
1054
1052
1050
0
100
200
300
400
500

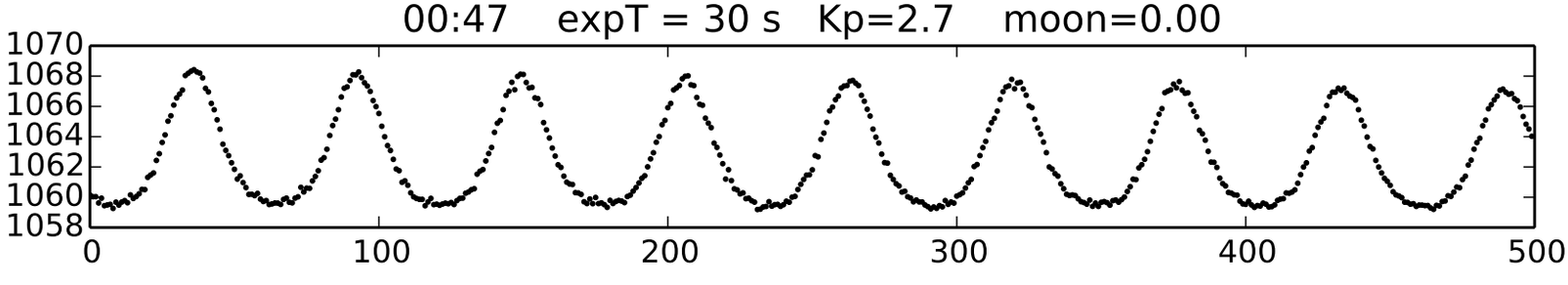

00:18 expT = 30 s Kp=2.7 moon=0.00
1110
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

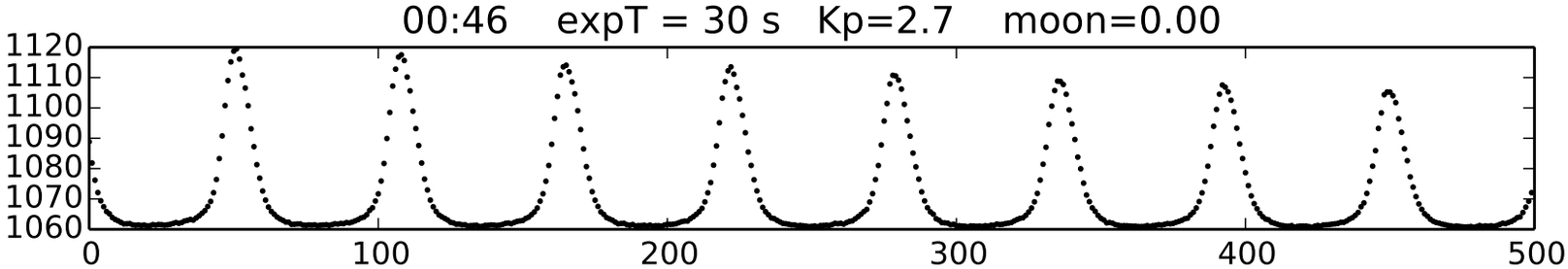

00:28 expT = 30 s Kp=2.7 moon=0.00
1066
1064
1062
1060
1058
1056
1054
1052
0
100
200
300
400
500

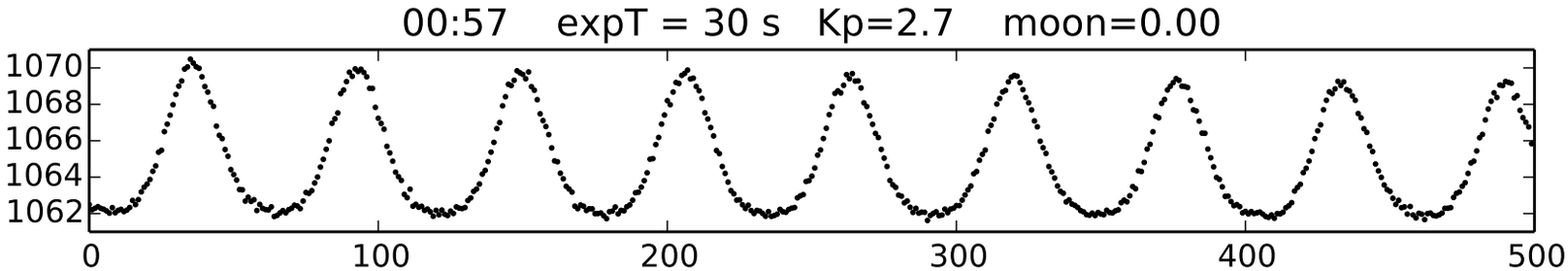

00:27 expT = 30 s Kp=2.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

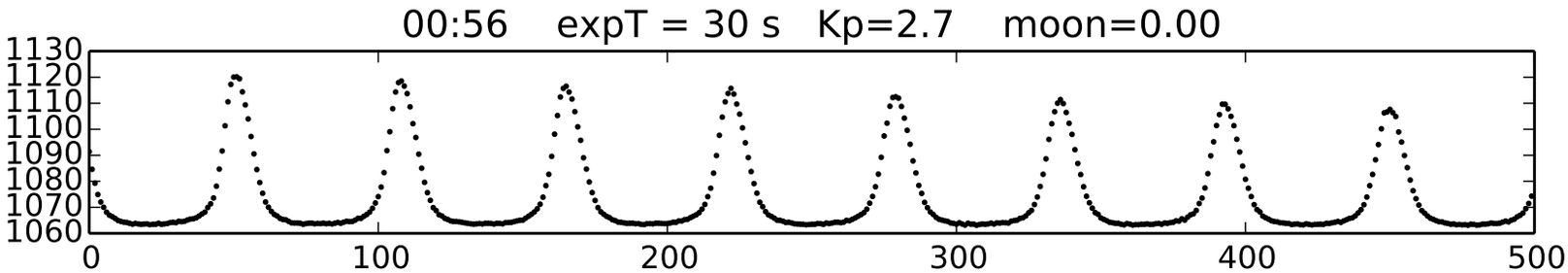

00:38 expT = 30 s Kp=2.7 moon=0.00
1068
1066
1064
1062
1060
1058
1056
1054
0
100
200
300
400
500

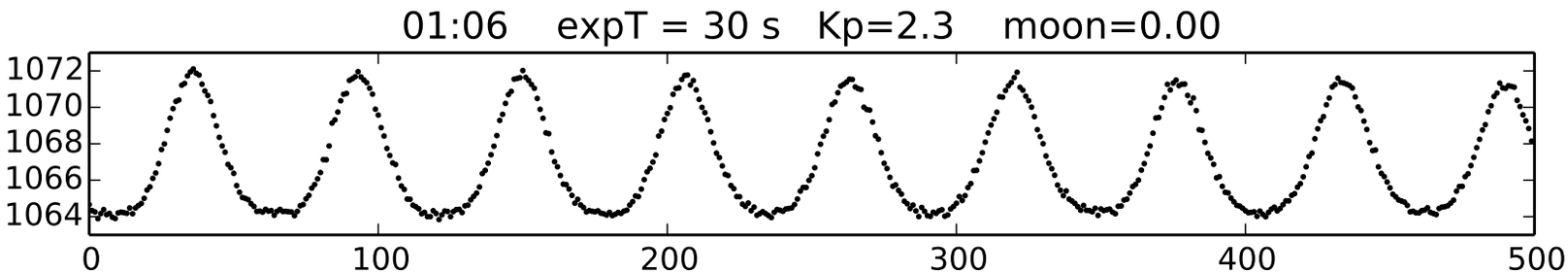

00:37 expT = 30 s Kp=2.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

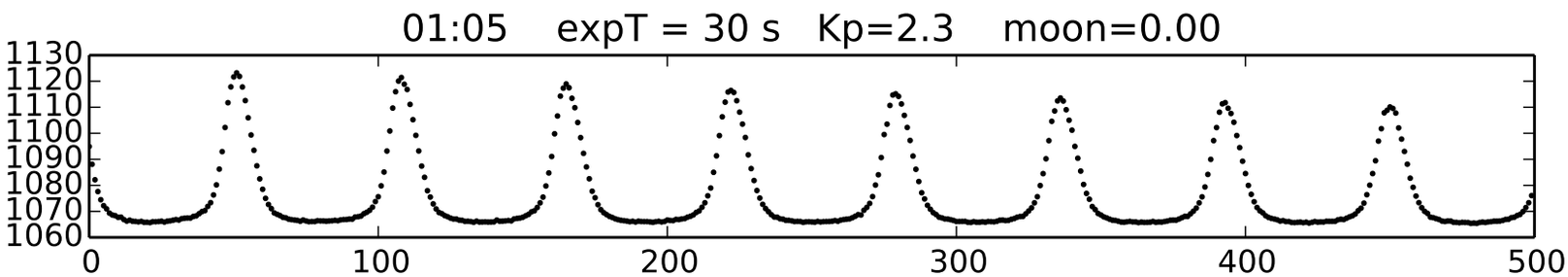

00:47 expT = 30 s Kp=2.7 moon=0.00
1070
1068
1066
1064
1062
1060
1058
0
100
200
300
400
500

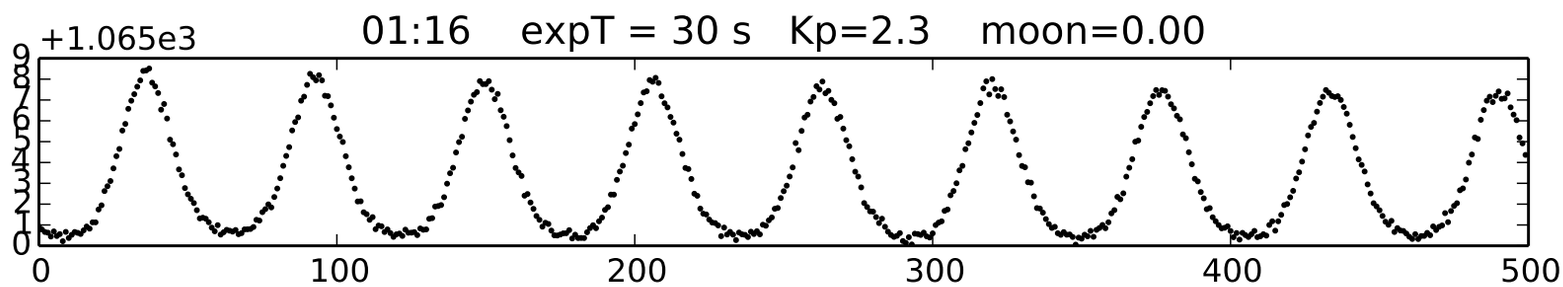

00:46 expT = 30 s Kp=2.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

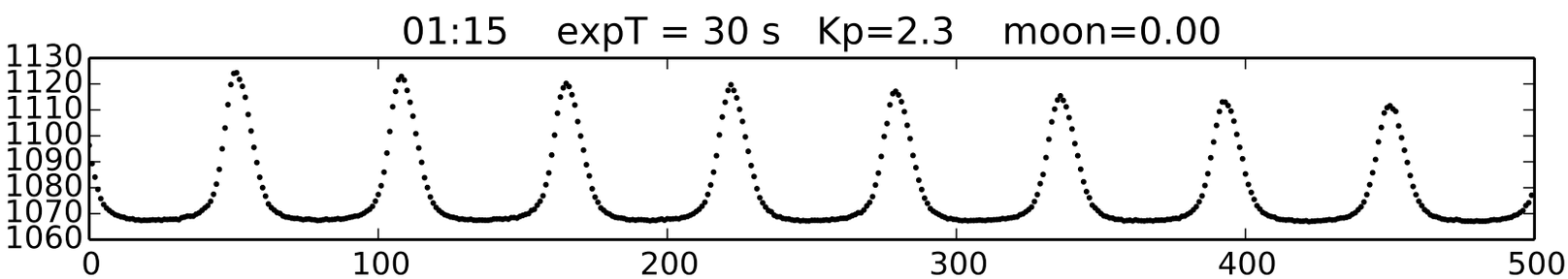

00:57 expT = 30 s Kp=2.7 moon=0.00
1070
1068
1066
1064
1062
0
100
200
300
400
500

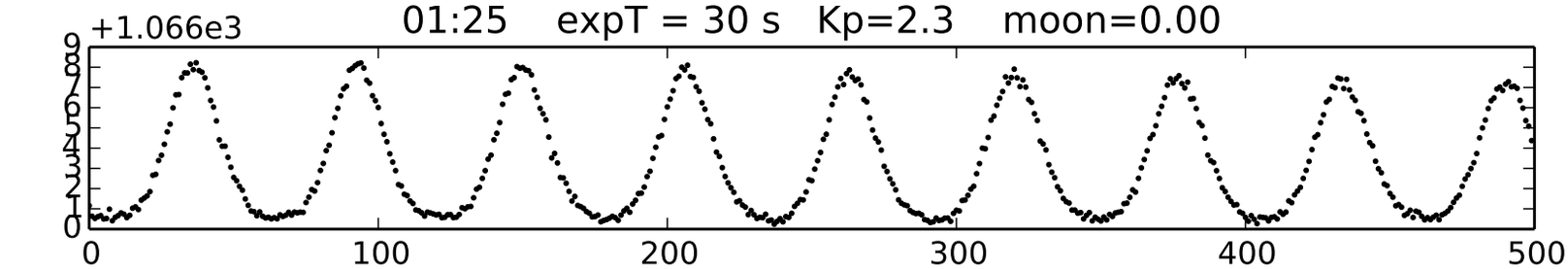

00:56 expT = 30 s Kp=2.7 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

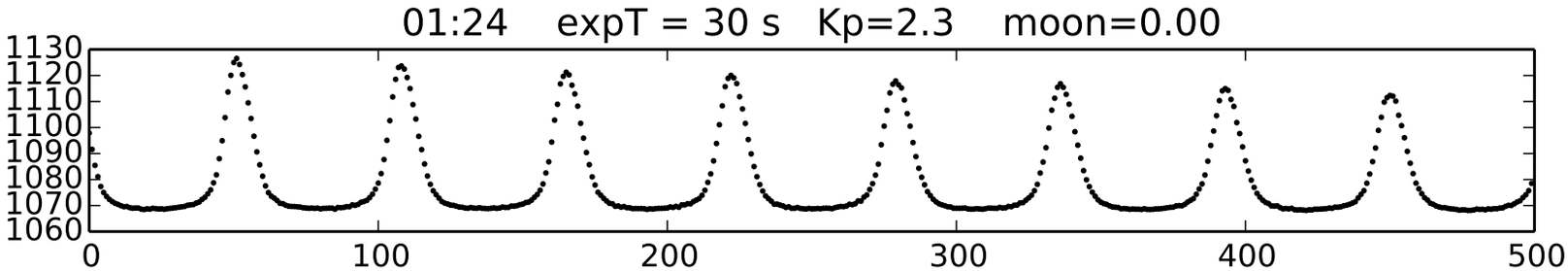

01:06 expT = 30 s Kp=2.3 moon=0.00
1072
1070
1068
1066
1064
0
100
200
300
400
500

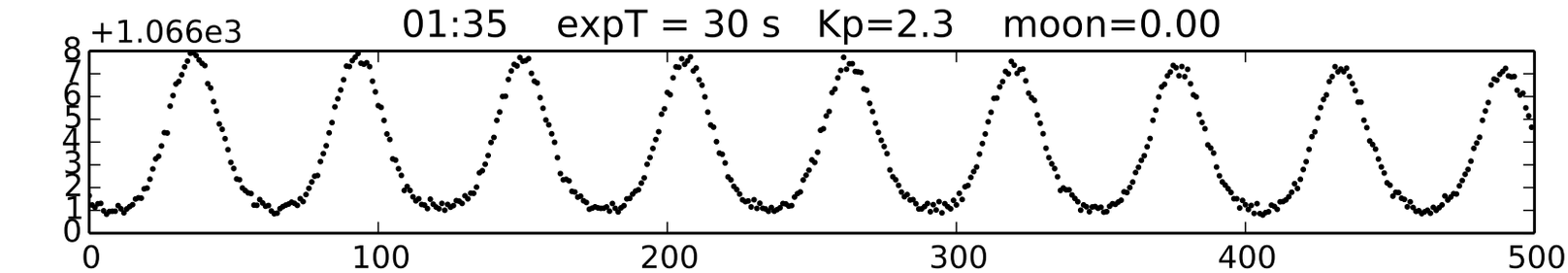

01:05 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

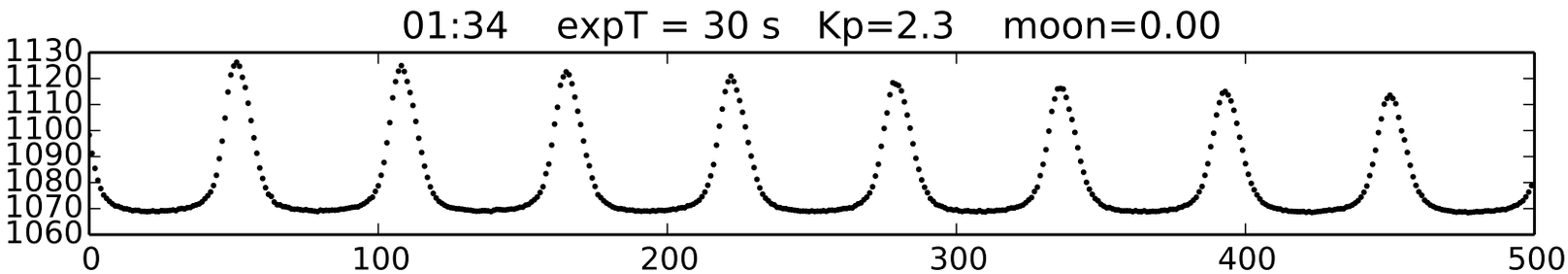

01:16 expT = 30 s Kp=2.3 moon=0.00
+1.065e3
9
8
7
6
5
4
3
2
1
0
0
100
200
300
400
500

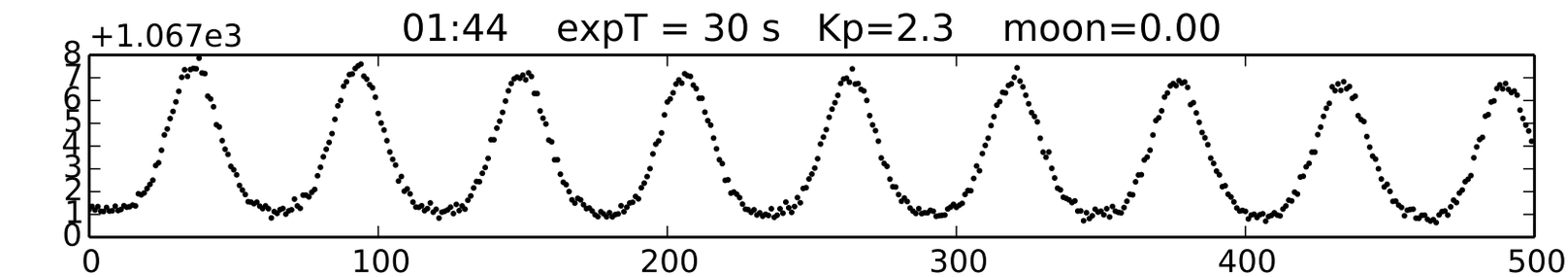

01:15 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

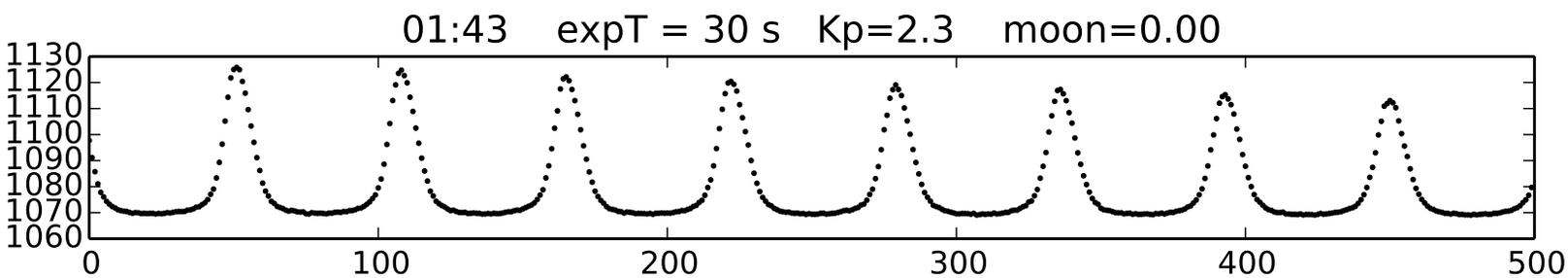

01:25 expT = 30 s Kp=2.3 moon=0.00
+1.066e3
0 1 2 3 4 5 6 7 8 9
0 100 200 300 400 500

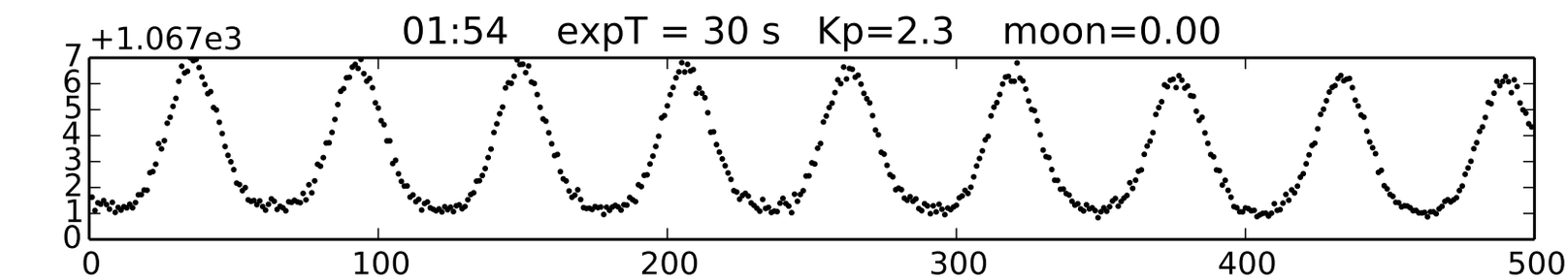

01:24 expT = 30 s Kp=2.3 moon=0.00
1060 1070 1080 1090 1100 1110 1120 1130
0 100 200 300 400 500

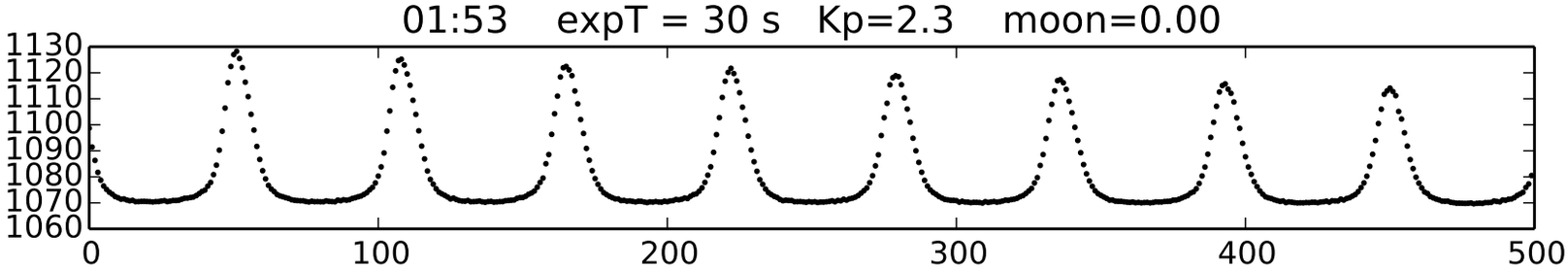

01:35 expT = 30 s Kp=2.3 moon=0.00
+1.066e3
0 1 2 3 4 5 6 7 8
0 100 200 300 400 500

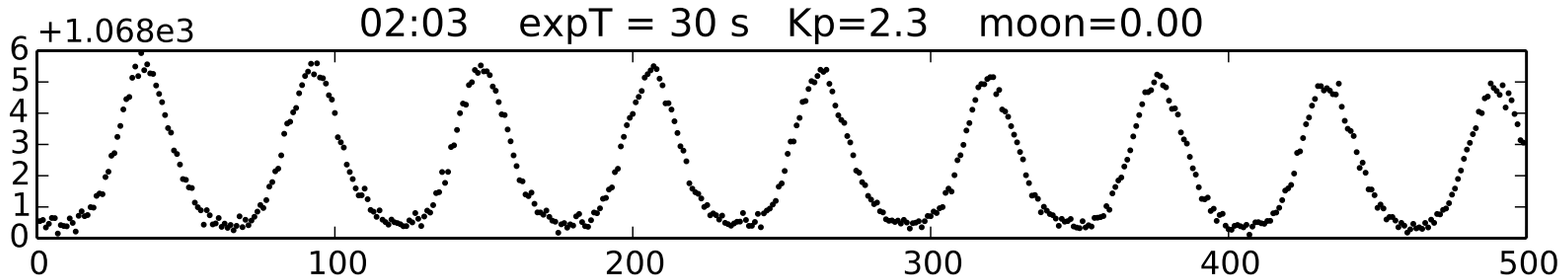

01:34 expT = 30 s Kp=2.3 moon=0.00
1060 1070 1080 1090 1100 1110 1120 1130
0 100 200 300 400 500

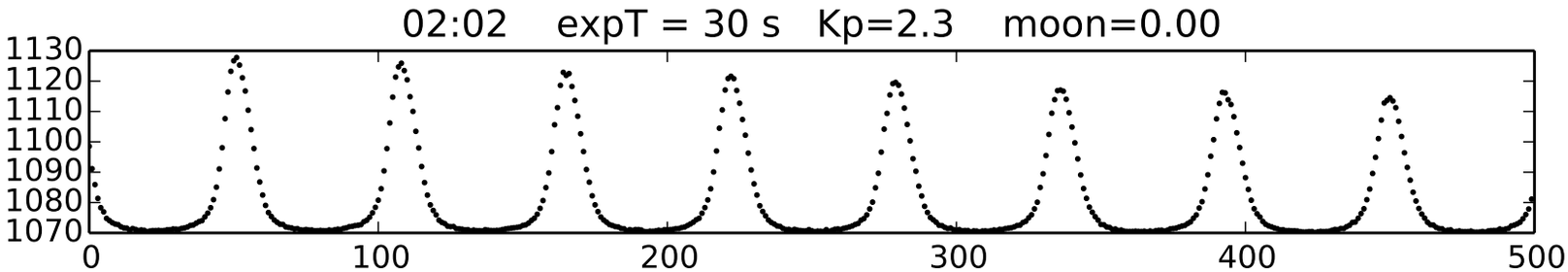

01:44 expT = 30 s Kp=2.3 moon=0.00
+1.067e3
0 1 2 3 4 5 6 7 8
0 100 200 300 400 500

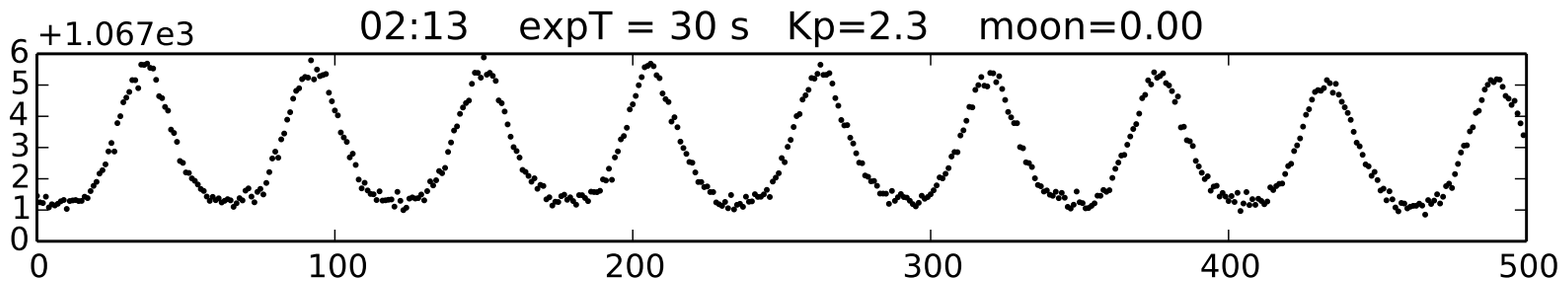

01:43 expT = 30 s Kp=2.3 moon=0.00
1060 1070 1080 1090 1100 1110 1120 1130
0 100 200 300 400 500

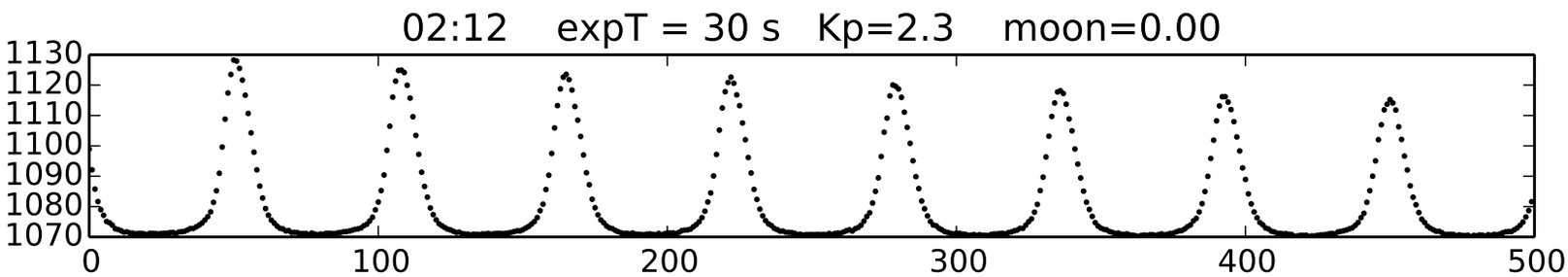

01:54 expT = 30 s Kp=2.3 moon=0.00
+1.067e3
0 1 2 3 4 5 6 7
0 100 200 300 400 500

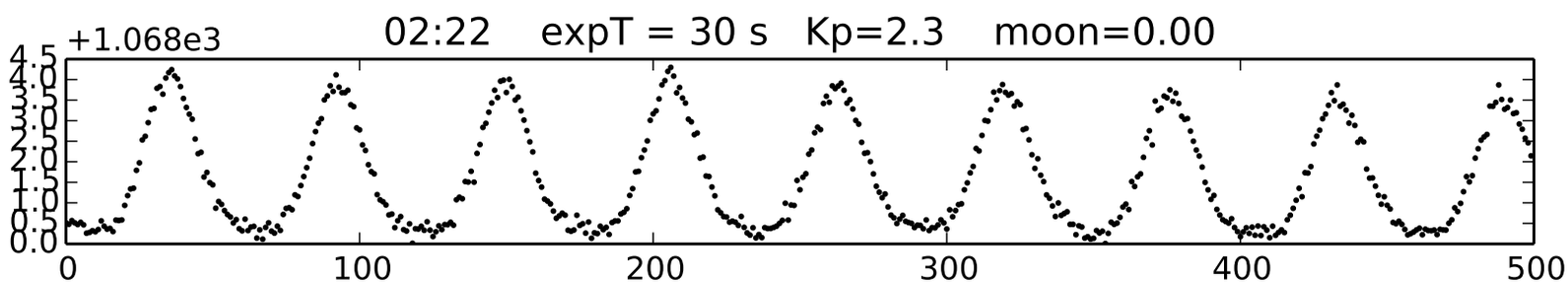

01:53 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

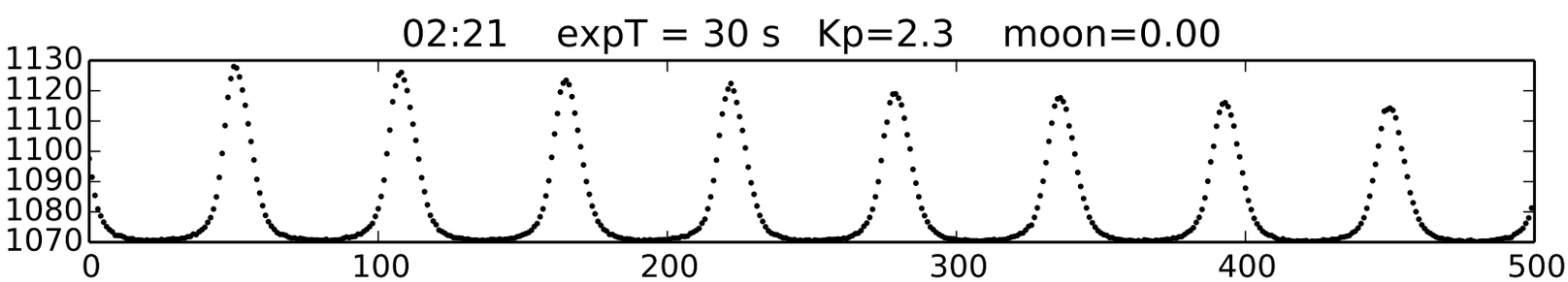

02:03 expT = 30 s Kp=2.3 moon=0.00
+1.068e3
6
5
4
3
2
1
0
0
100
200
300
400
500

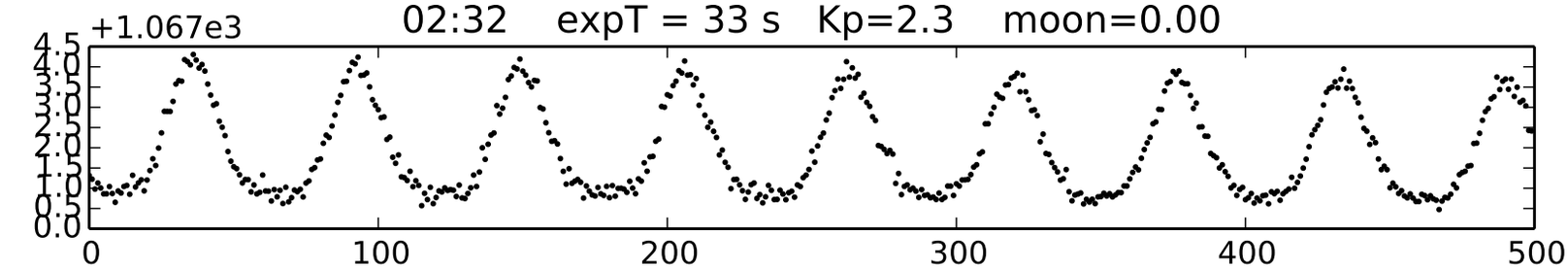

02:02 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
0
100
200
300
400
500

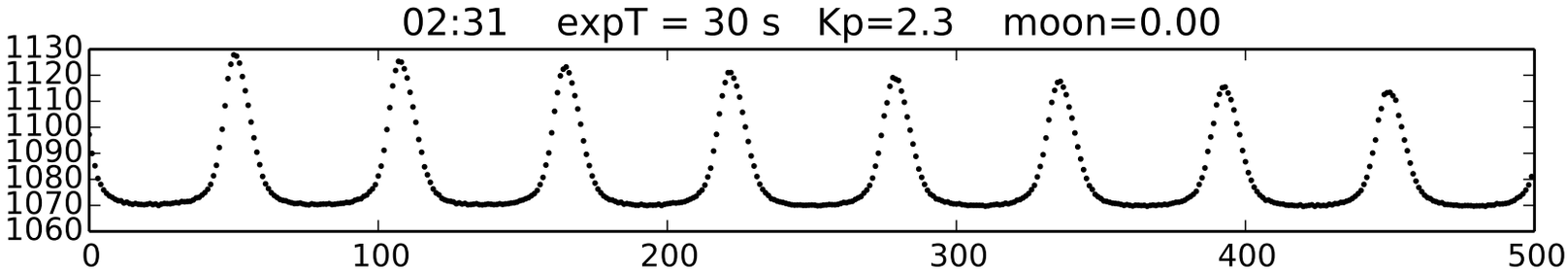

02:13 expT = 30 s Kp=2.3 moon=0.00
+1.067e3
6
5
4
3
2
1
0
0
100
200
300
400
500

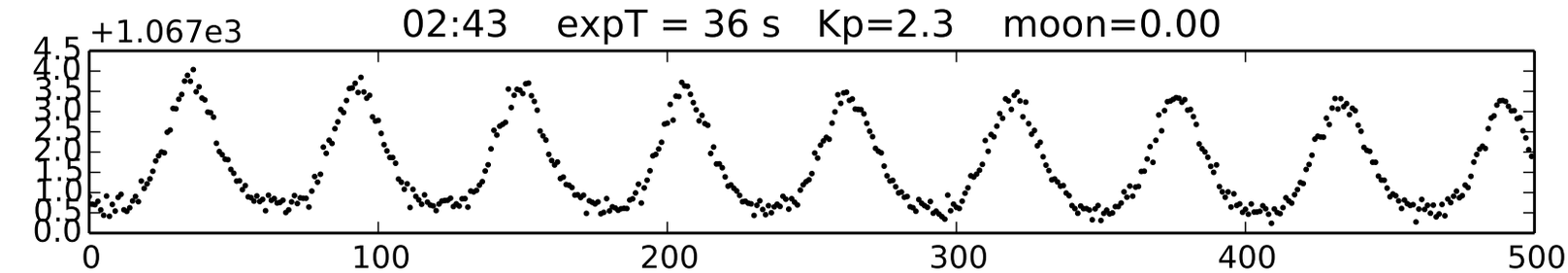

02:12 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
0
100
200
300
400
500

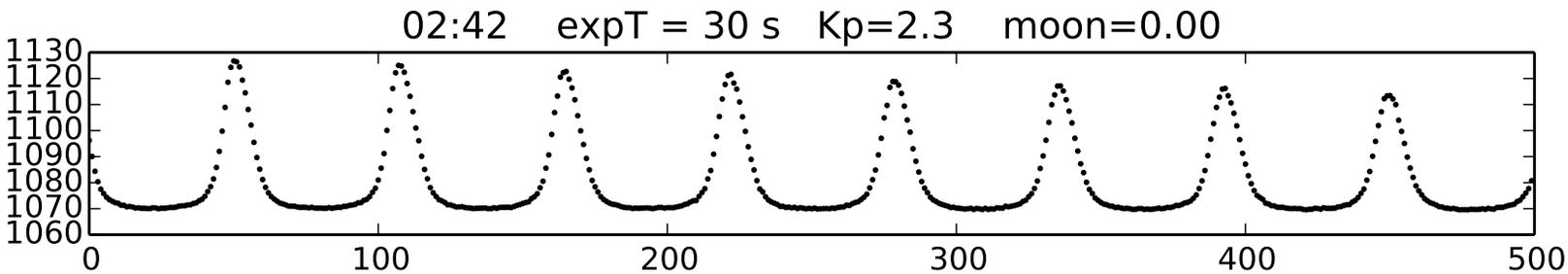

02:22 expT = 30 s Kp=2.3 moon=0.00
+1.068e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

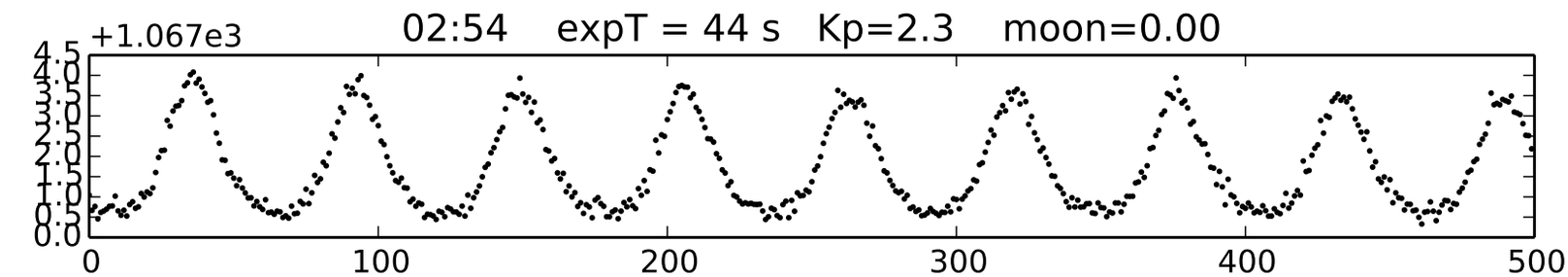

02:21 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
0
100
200
300
400
500

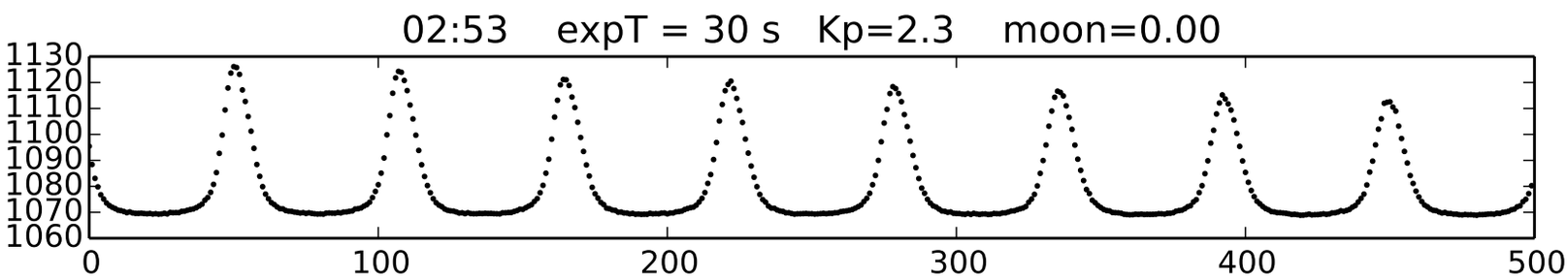

02:32 expT = 33 s Kp=2.3 moon=0.00
+1.067e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

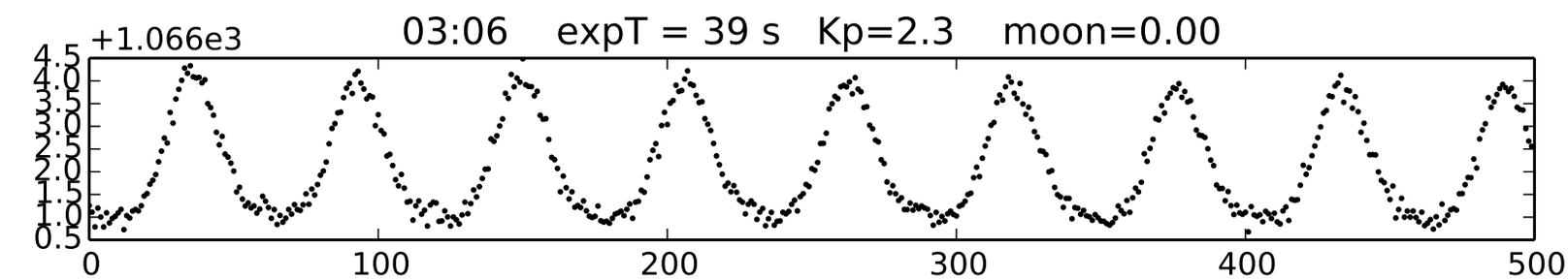

02:31 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

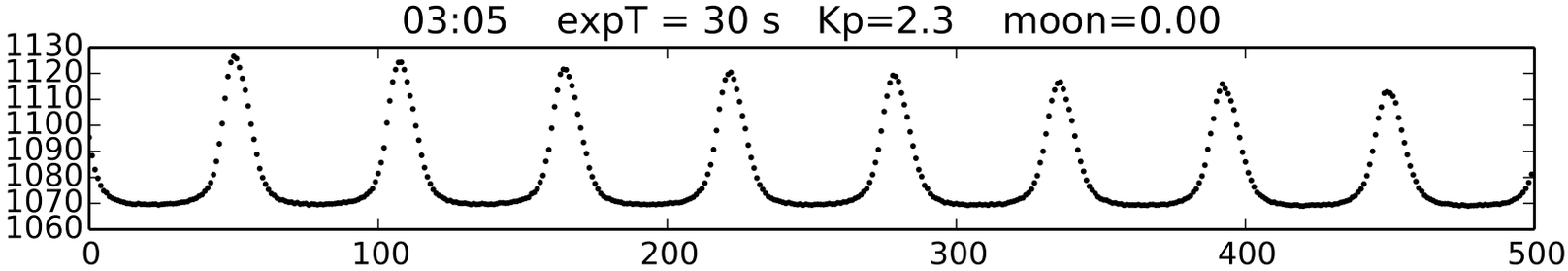

02:43 expT = 36 s Kp=2.3 moon=0.00
+1.067e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

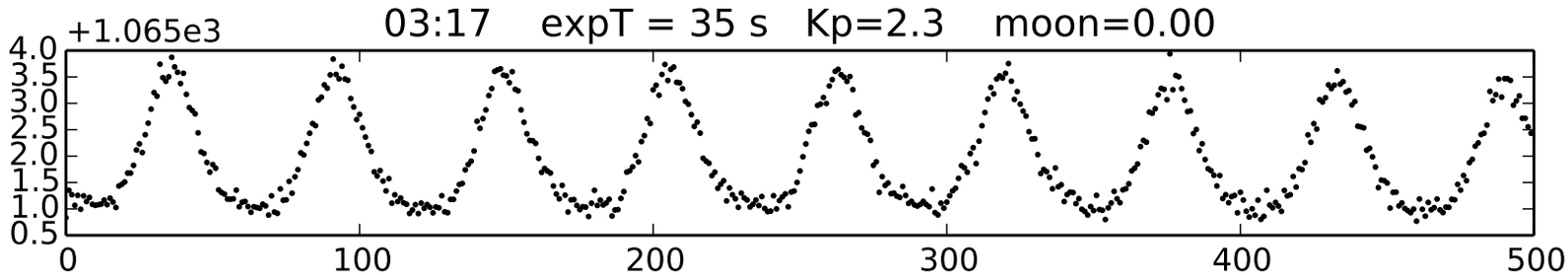

02:42 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

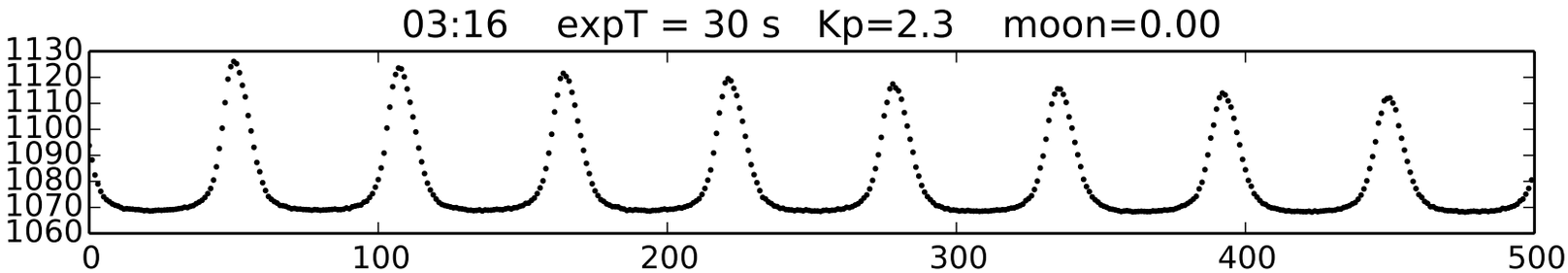

02:54 expT = 44 s Kp=2.3 moon=0.00
+1.067e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

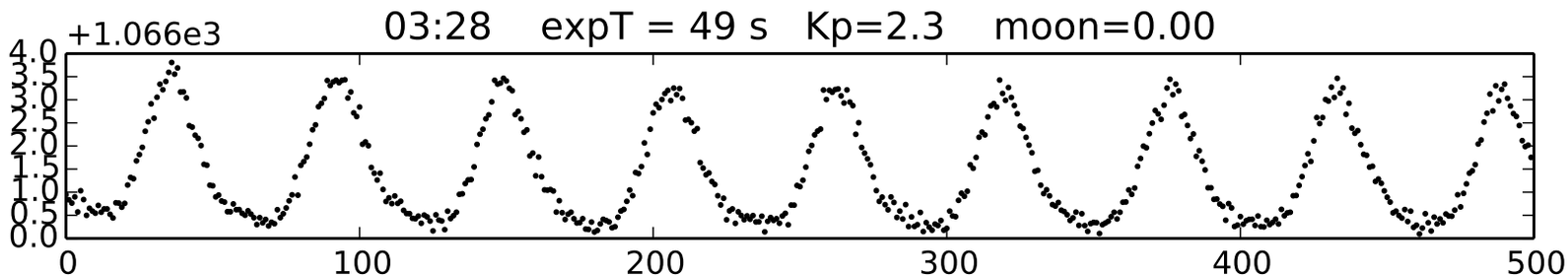

02:53 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

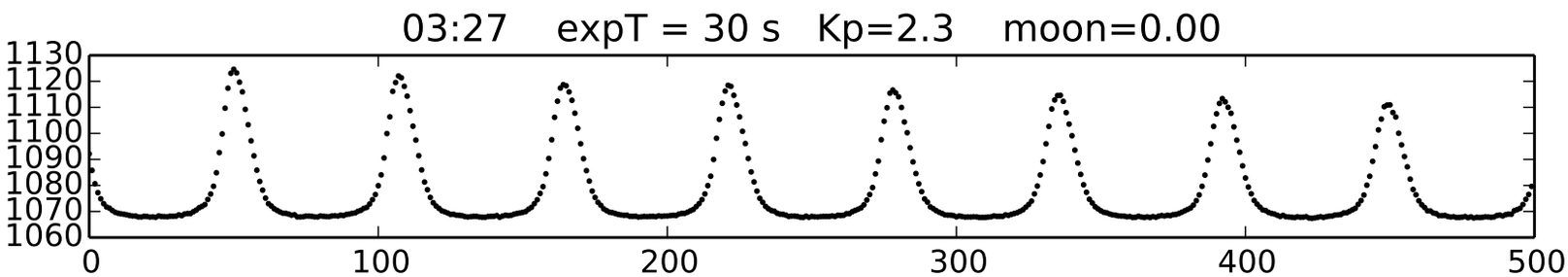

03:06 expT = 39 s Kp=2.3 moon=0.00
+1.066e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

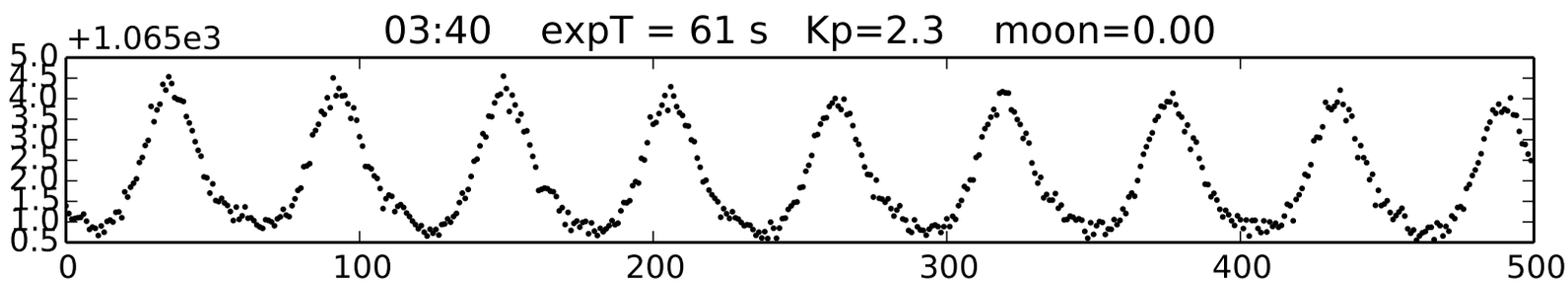

03:05 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

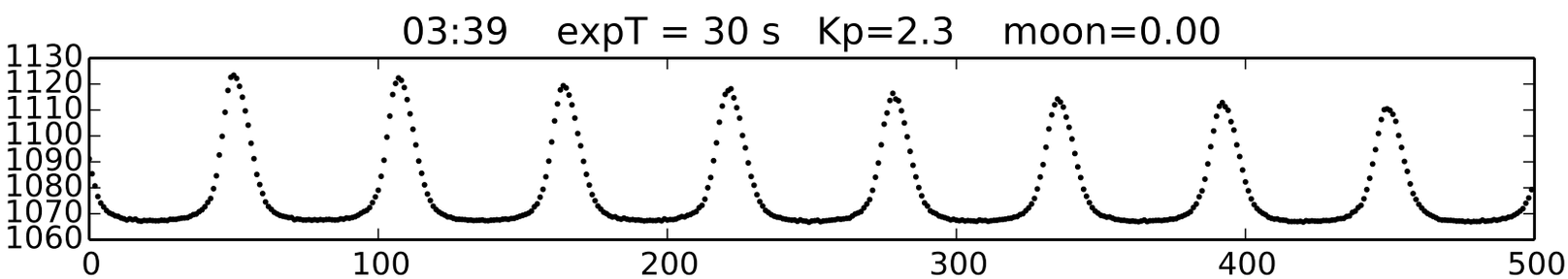

03:17 expT = 35 s Kp=2.3 moon=0.00
+1.065e3
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

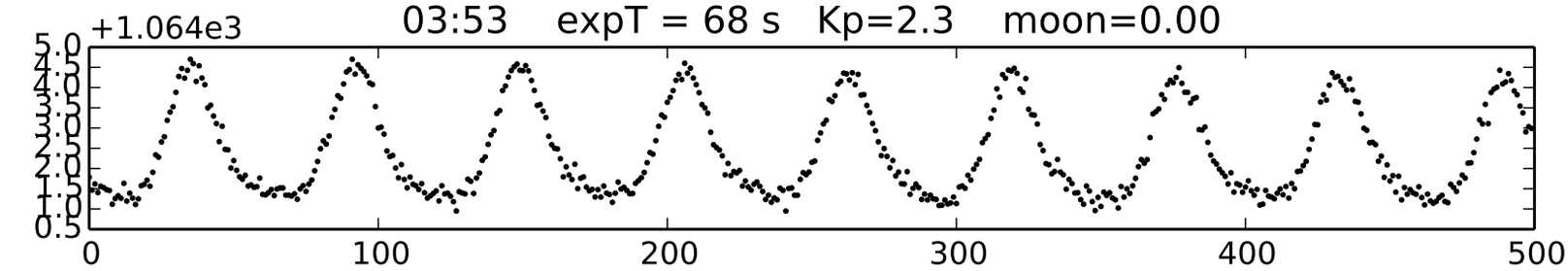

03:16 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

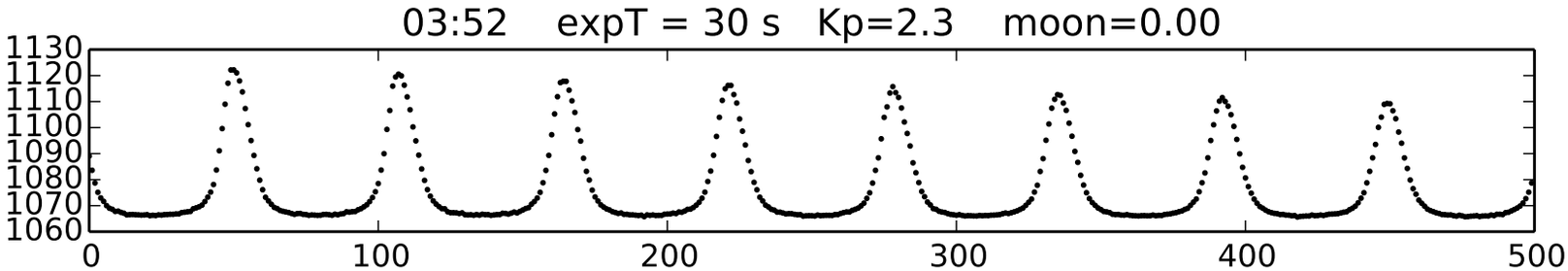

03:28 expT = 49 s Kp=2.3 moon=0.00
+1.066e3
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

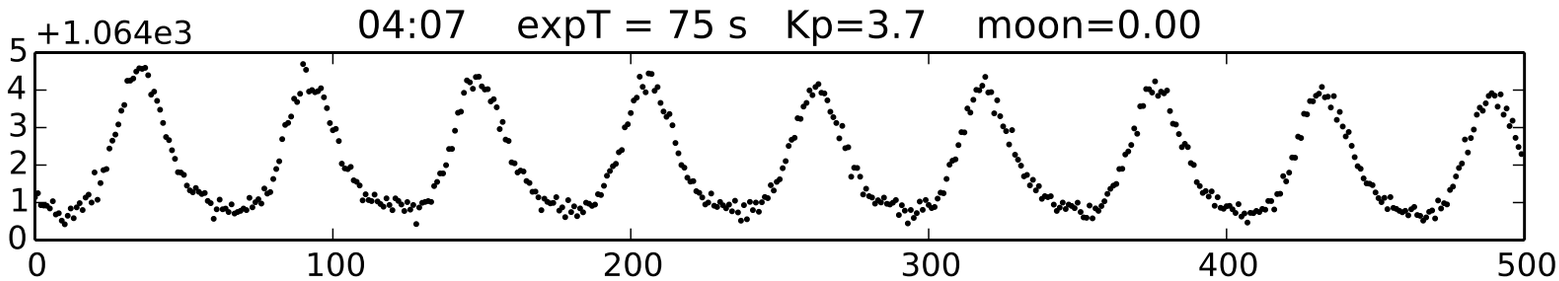

03:27 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

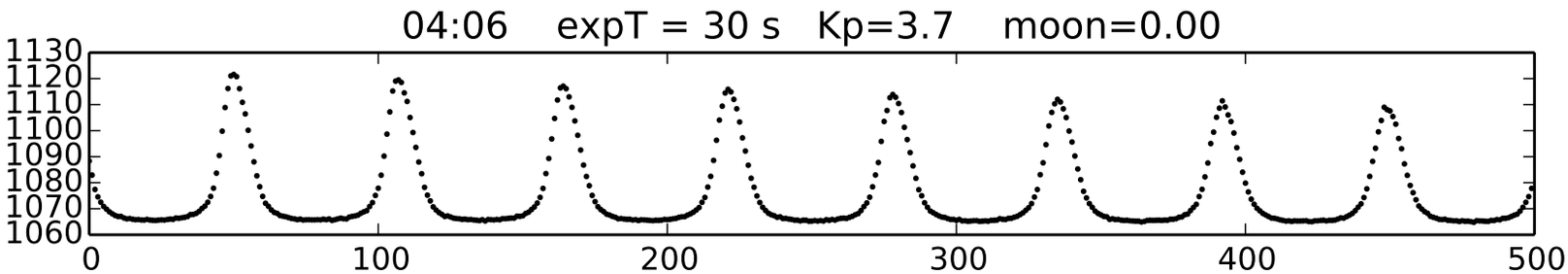

03:40 expT = 61 s Kp=2.3 moon=0.00
+1.065e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

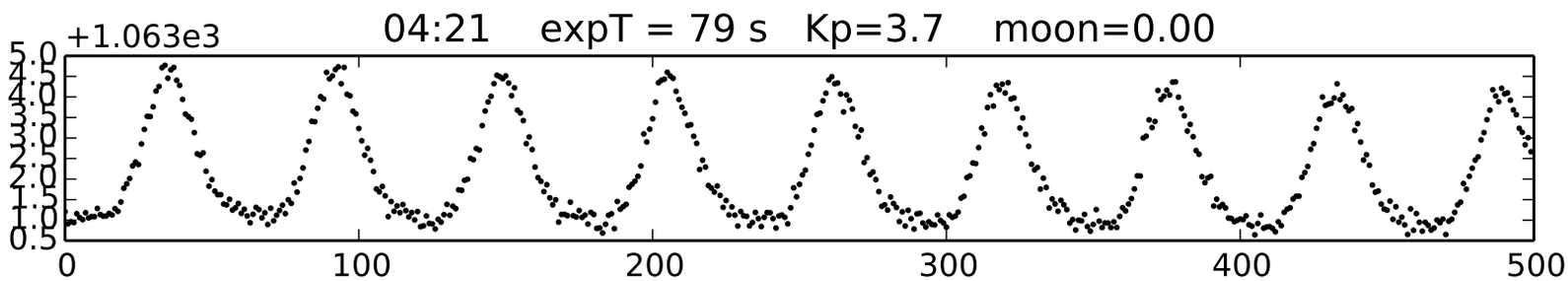

03:39 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

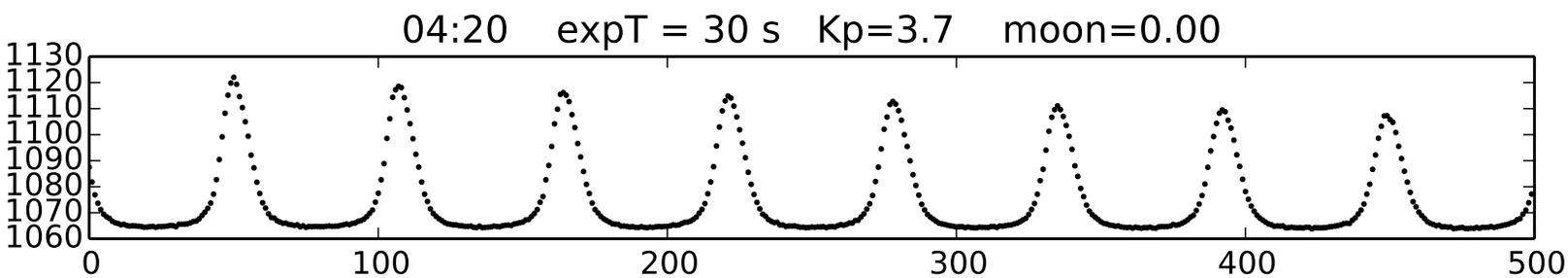

03:53 expT = 68 s Kp=2.3 moon=0.00
+1.064e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

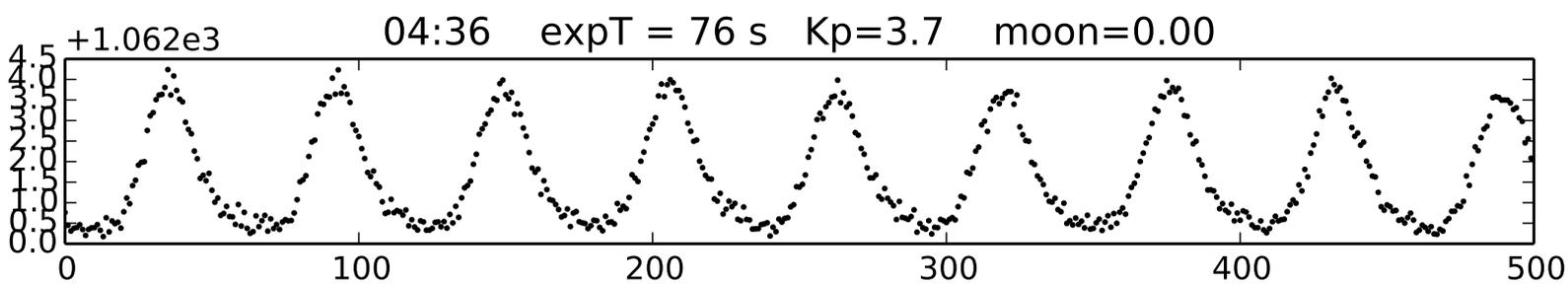

03:52 expT = 30 s Kp=2.3 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

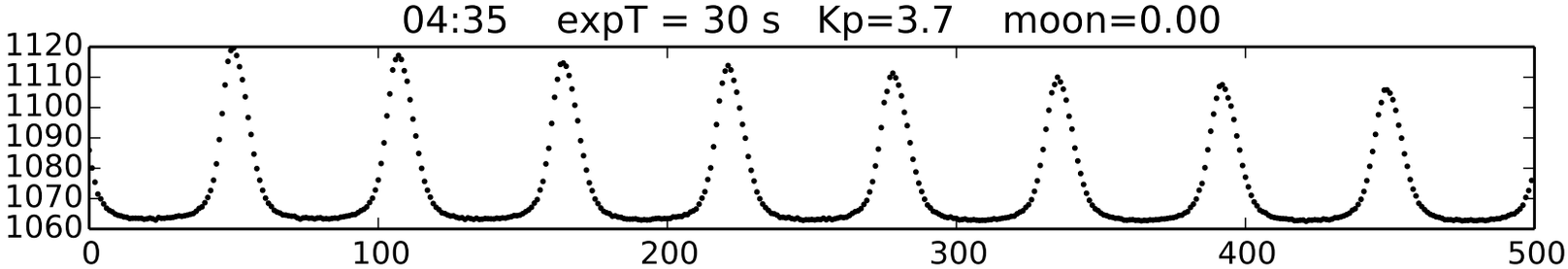

04:07 expT = 75 s Kp=3.7 moon=0.00
+1.064e3
5
4
3
2
1
0
0
100
200
300
400
500

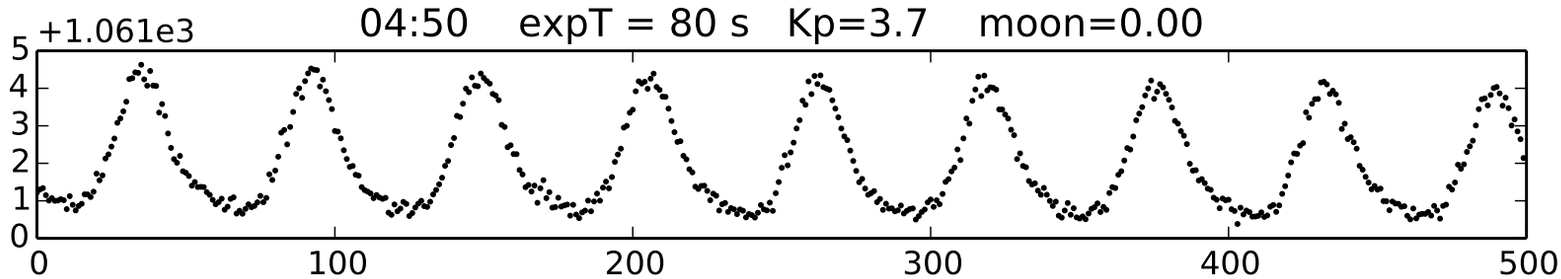

04:06 expT = 30 s Kp=3.7 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

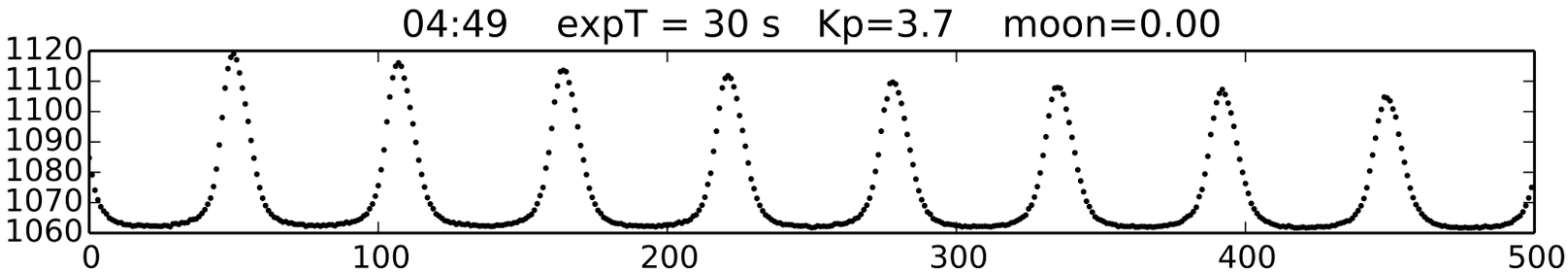

04:21 expT = 79 s Kp=3.7 moon=0.00
+1.063e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

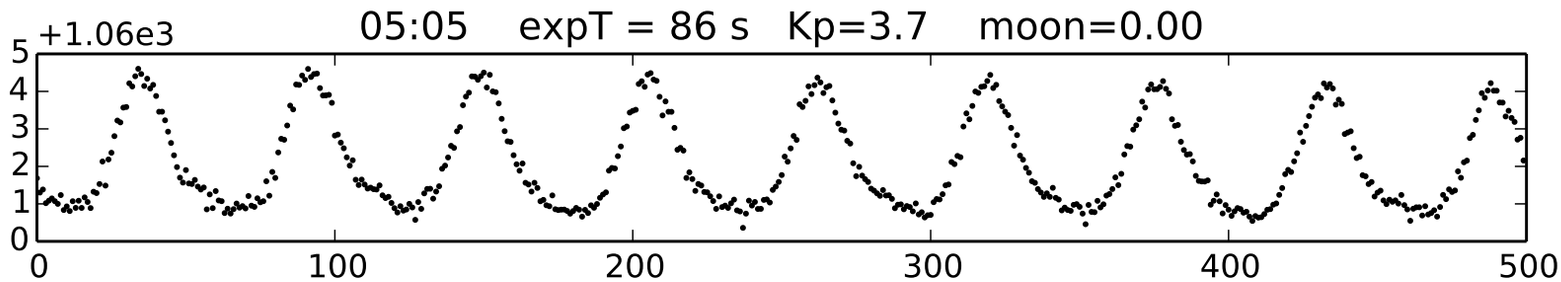

04:20 expT = 30 s Kp=3.7 moon=0.00
1130
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

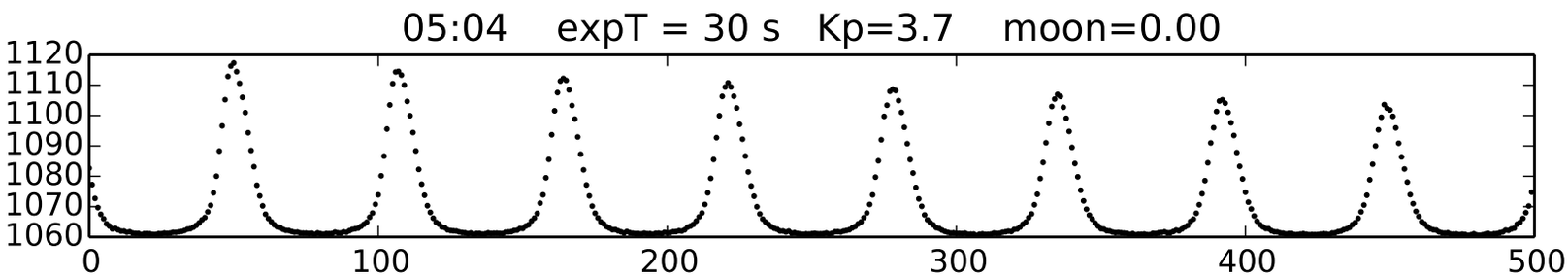

04:36 expT = 76 s Kp=3.7 moon=0.00
+1.062e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

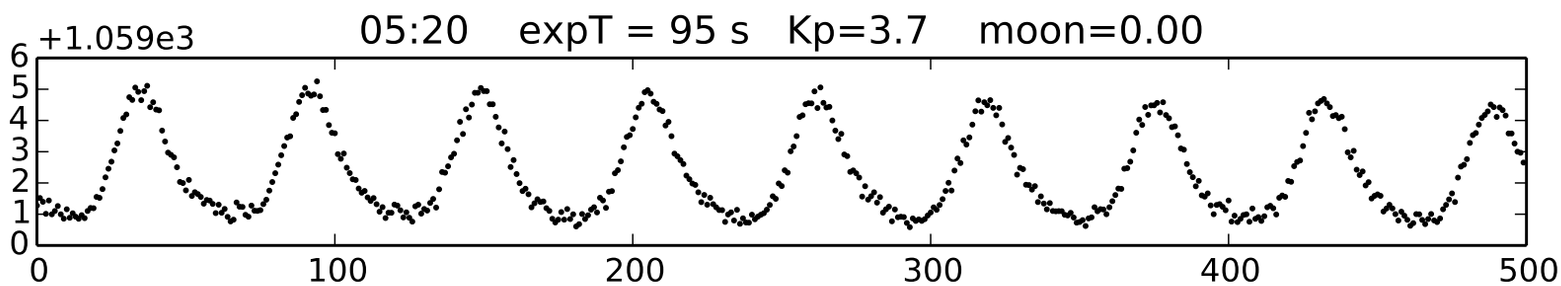

04:35 expT = 30 s Kp=3.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

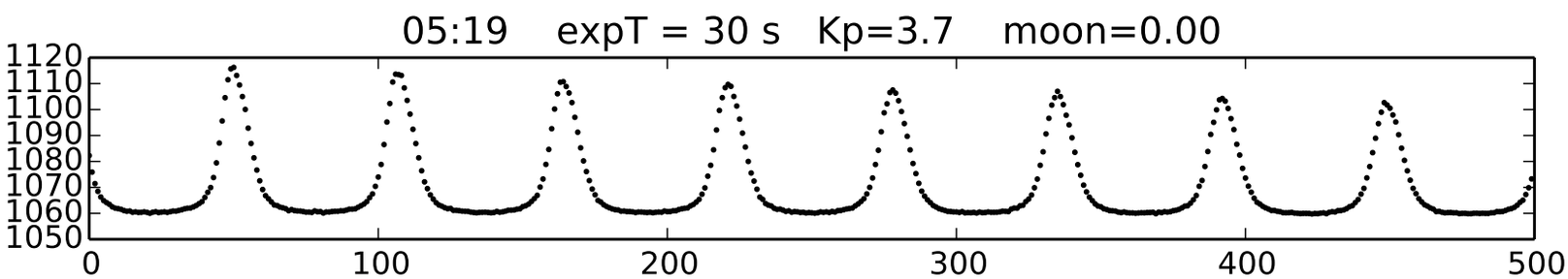

04:50 expT = 80 s Kp=3.7 moon=0.00
+1.061e3
5
4
3
2
1
0
0
100
200
300
400
500

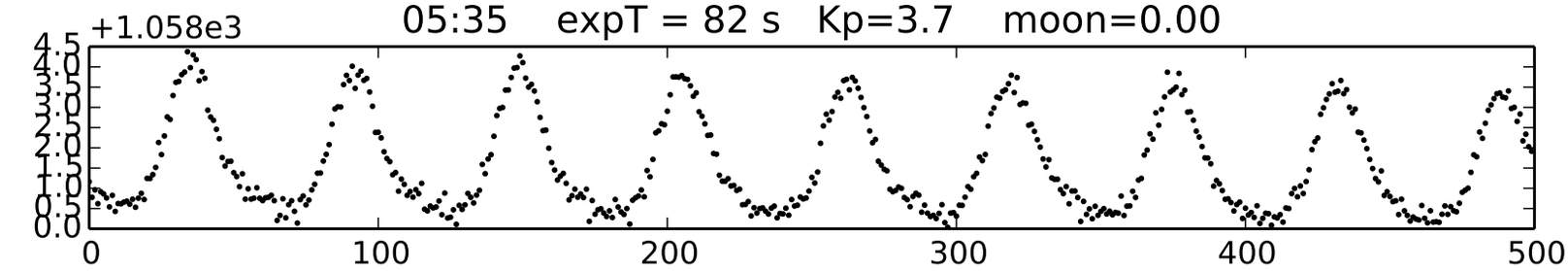

04:49 expT = 30 s Kp=3.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

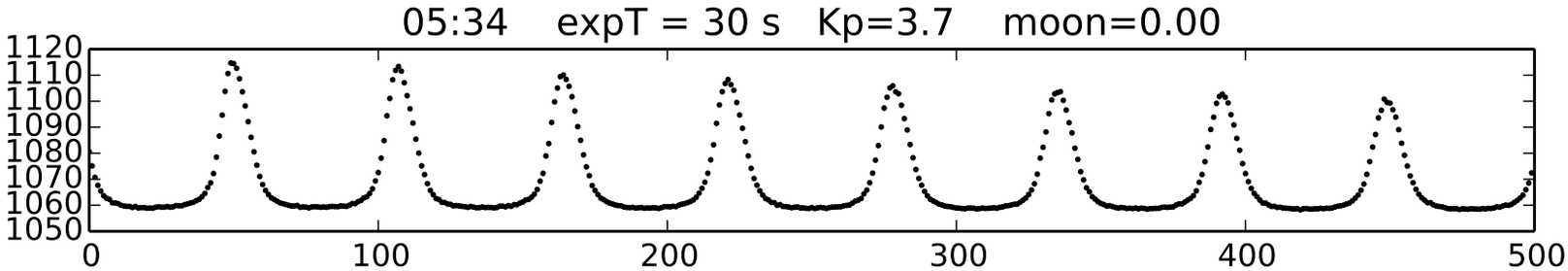

05:05 expT = 86 s Kp=3.7 moon=0.00
+1.06e3
5
4
3
2
1
0
0
100
200
300
400
500

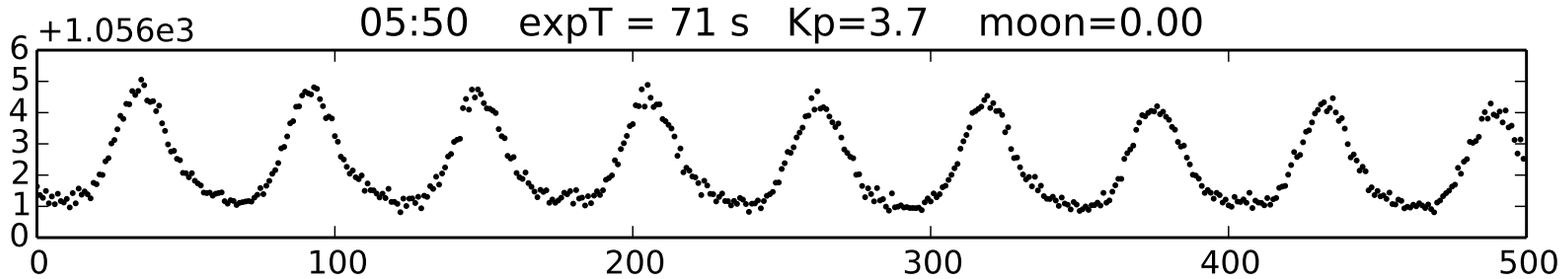

05:04 expT = 30 s Kp=3.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
0
100
200
300
400
500

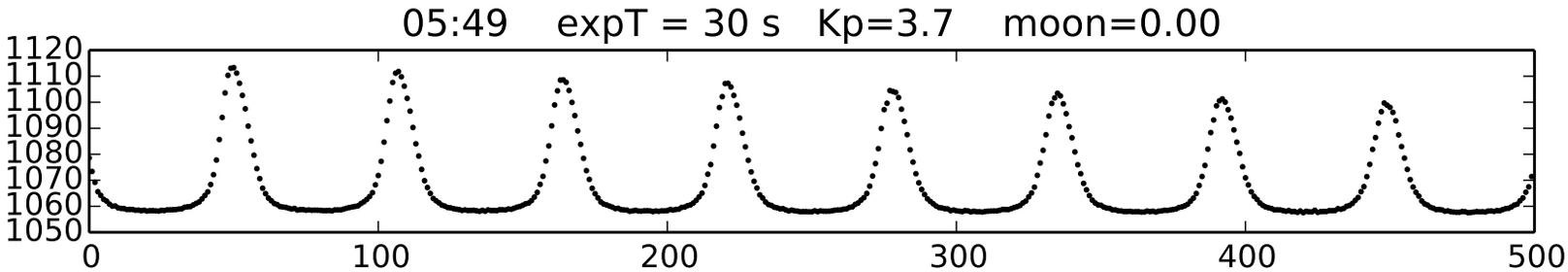

05:20 expT = 95 s Kp=3.7 moon=0.00
+1.059e3
6
5
4
3
2
1
0
0
100
200
300
400
500

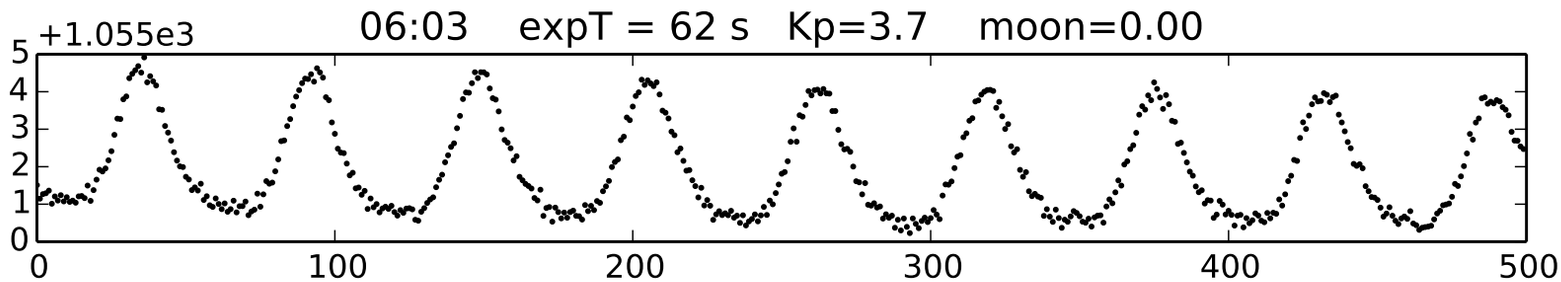

05:19 expT = 30 s Kp=3.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

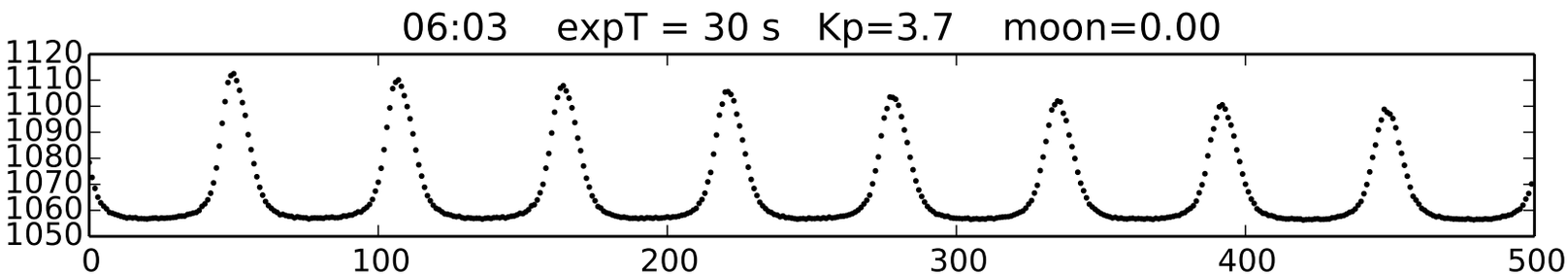

05:35 expT = 82 s Kp=3.7 moon=0.00
+1.058e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

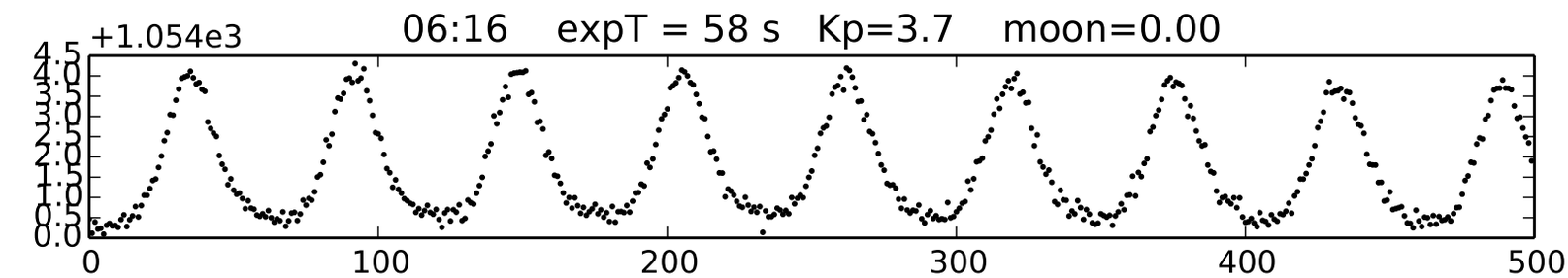

05:34 expT = 30 s Kp=3.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

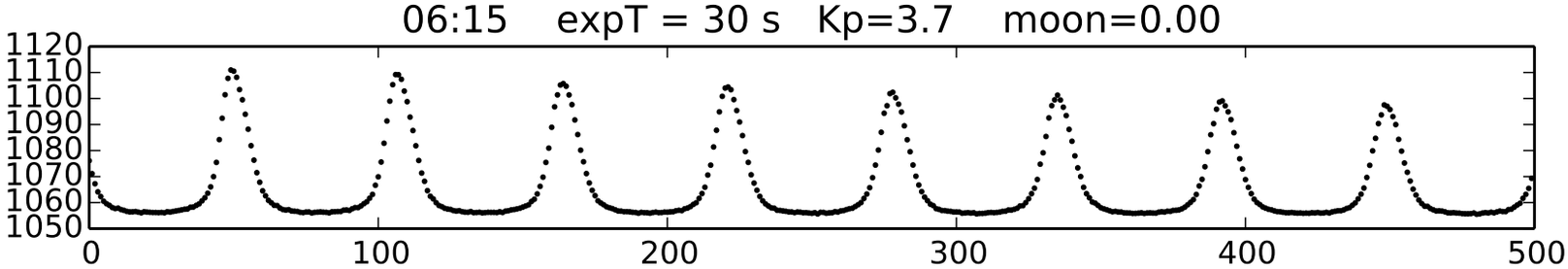

05:50 expT = 71 s Kp=3.7 moon=0.00
+1.056e3
6
5
4
3
2
1
0
0
100
200
300
400
500

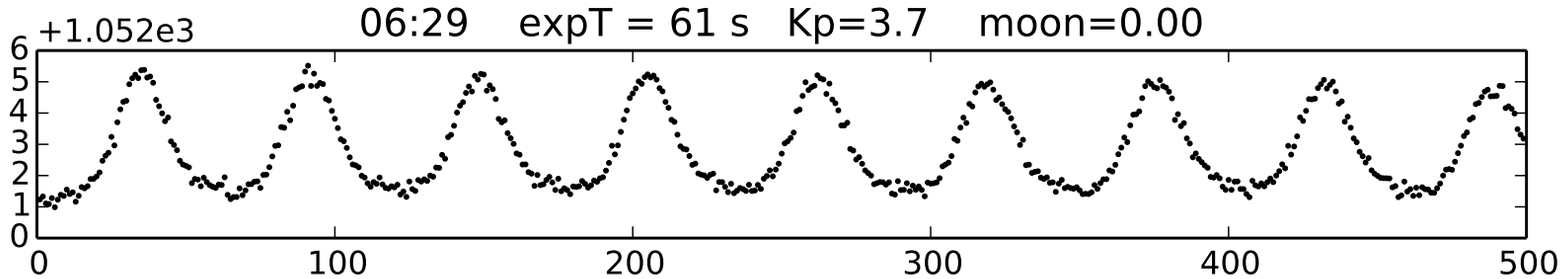

05:49 expT = 30 s Kp=3.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

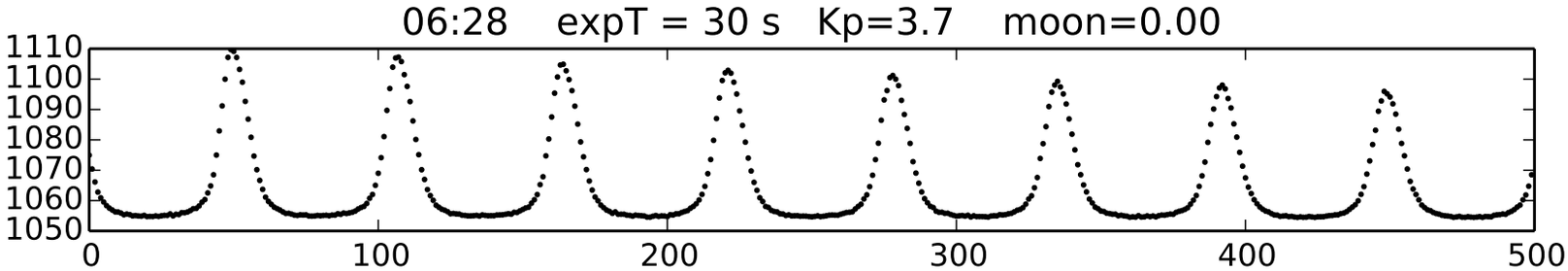

06:03 expT = 62 s Kp=3.7 moon=0.00
+1.055e3
5
4
3
2
1
0
0
100
200
300
400
500

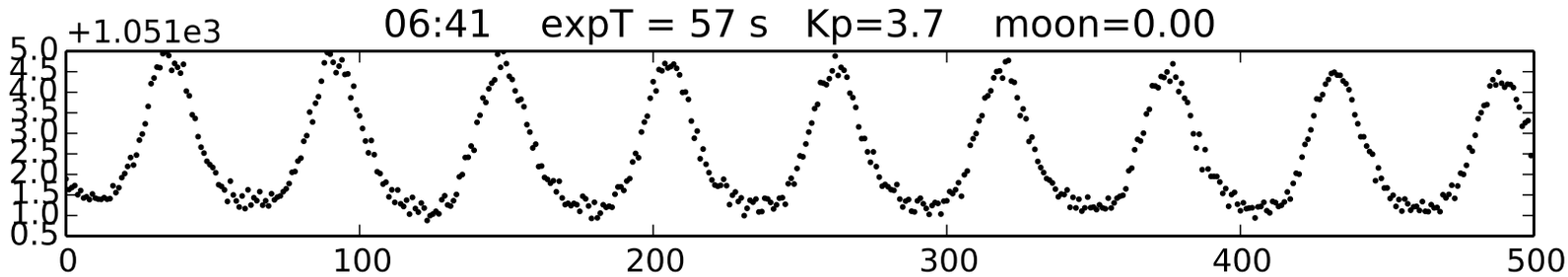

06:03 expT = 30 s Kp=3.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

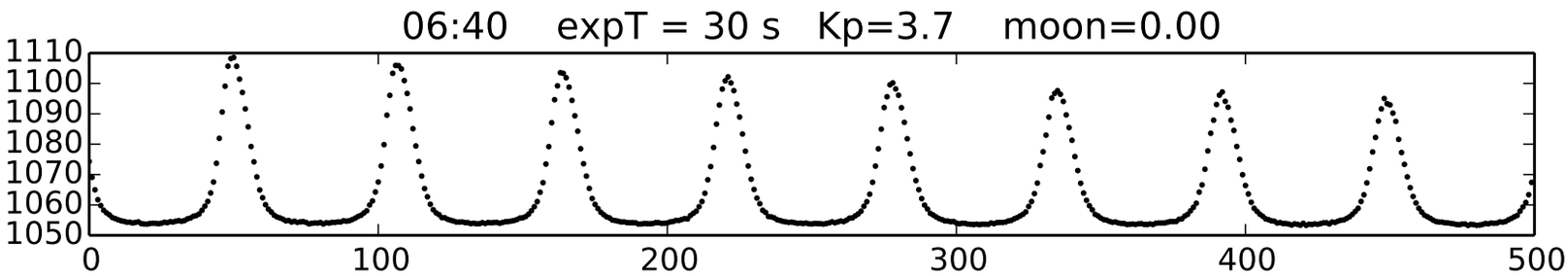

06:16 expT = 58 s Kp=3.7 moon=0.00
+1.054e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

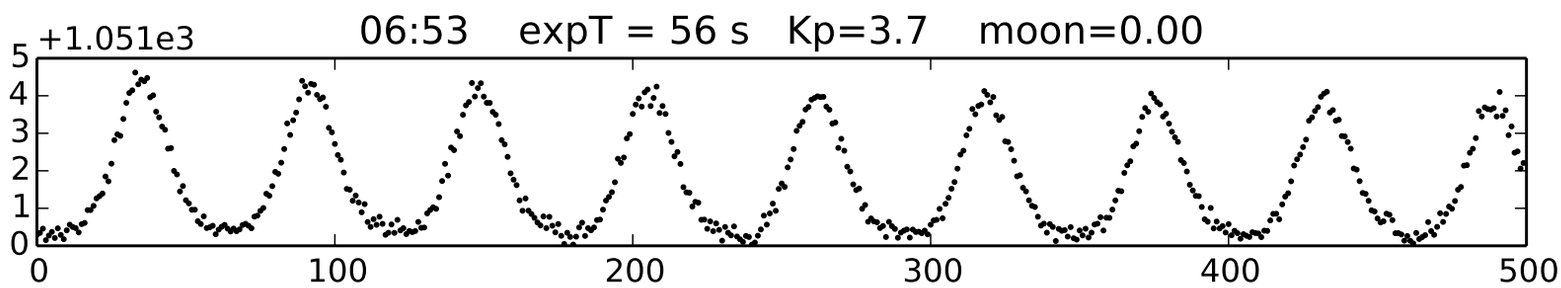

06:15 expT = 30 s Kp=3.7 moon=0.00
1120
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

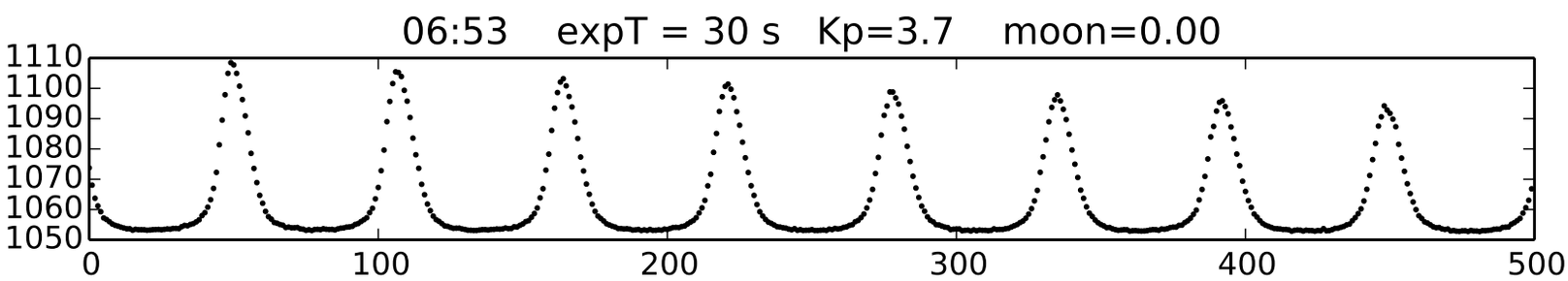

06:29 expT = 61 s Kp=3.7 moon=0.00
+1.052e3
6
5
4
3
2
1
0
0
100
200
300
400
500

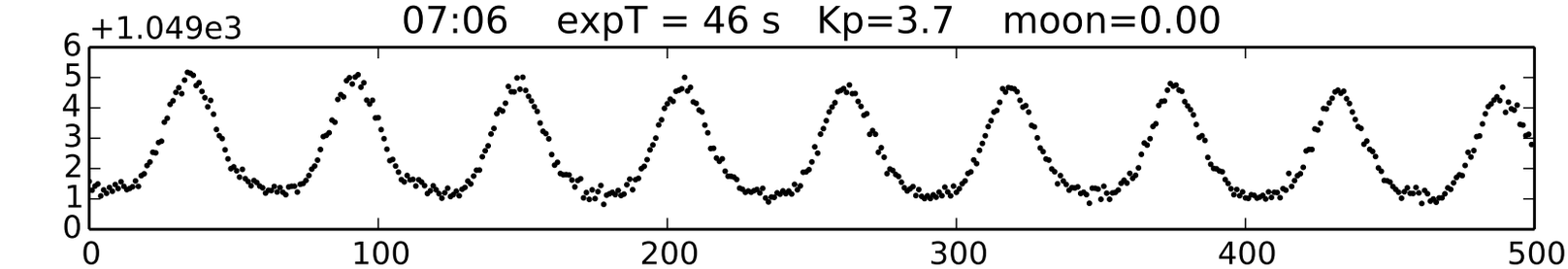

06:28 expT = 30 s Kp=3.7 moon=0.00
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

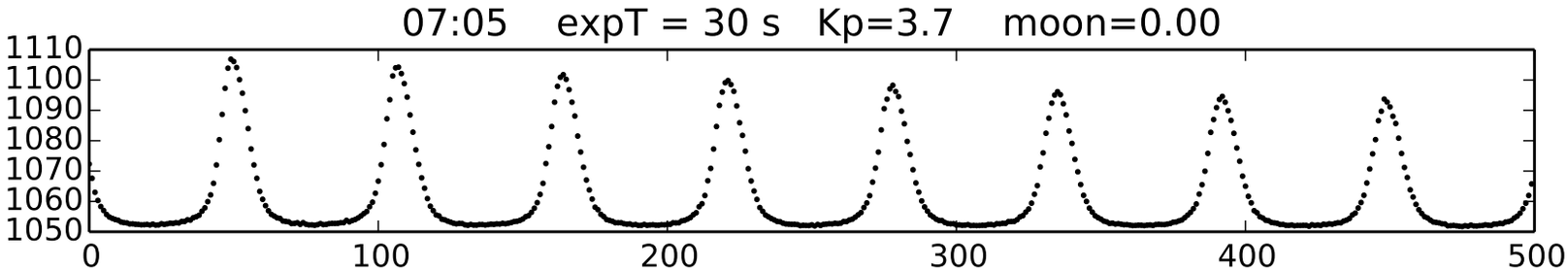

06:41 expT = 57 s Kp=3.7 moon=0.00
+1.051e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

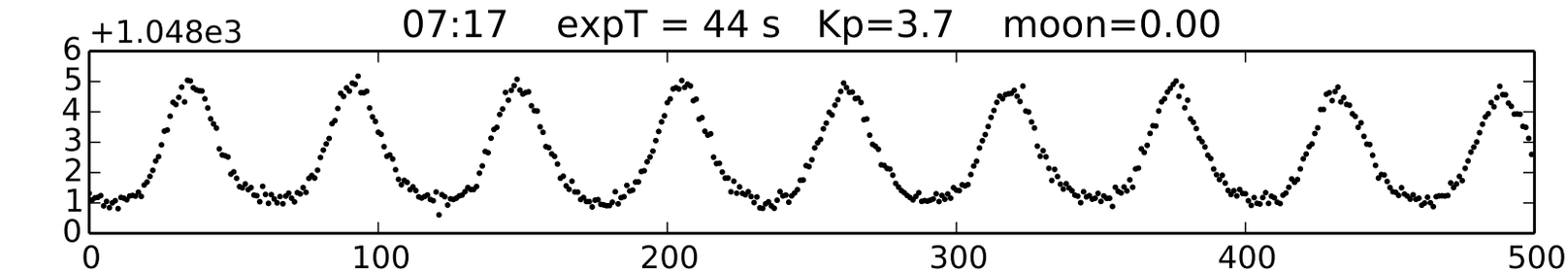

06:40 expT = 30 s Kp=3.7 moon=0.00
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

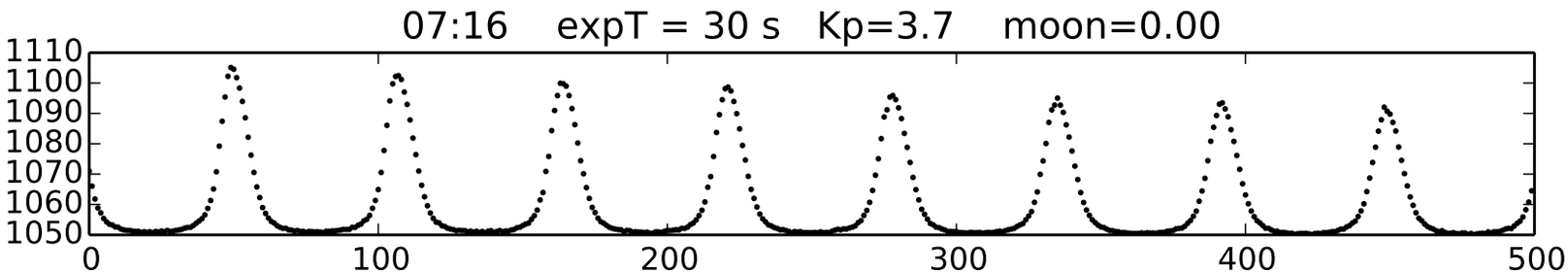

06:53 expT = 56 s Kp=3.7 moon=0.00
+1.051e3
5
4
3
2
1
0
0
100
200
300
400
500

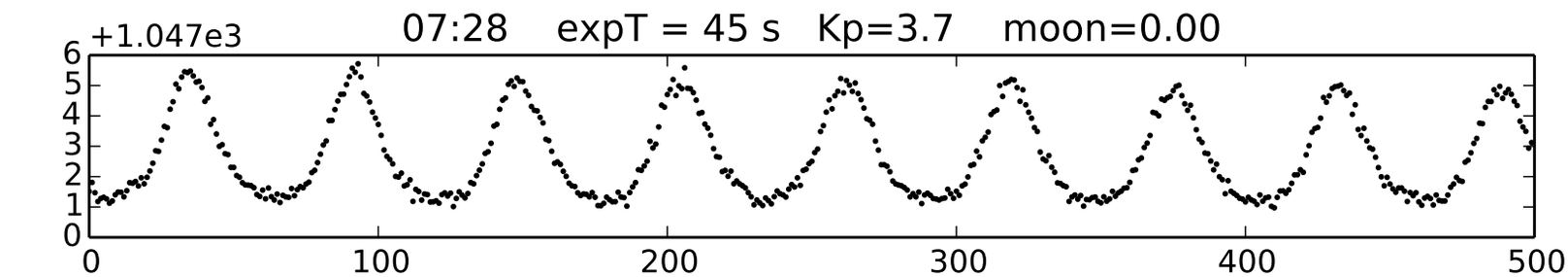

06:53 expT = 30 s Kp=3.7 moon=0.00
1110
1100
1090
1080
1070
1060
1050
0
100
200
300
400
500

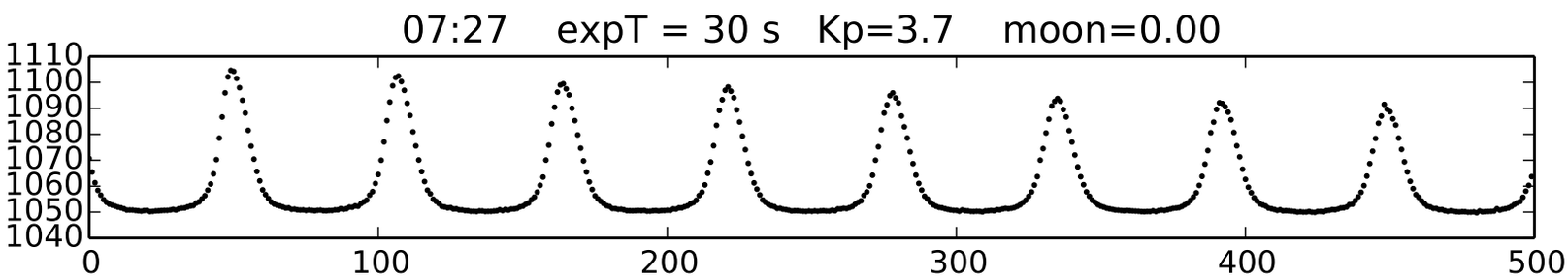

07:06 expT = 46 s Kp=3.7 moon=0.00
+1.049e3
0 1 2 3 4 5 6
0 100 200 300 400 500

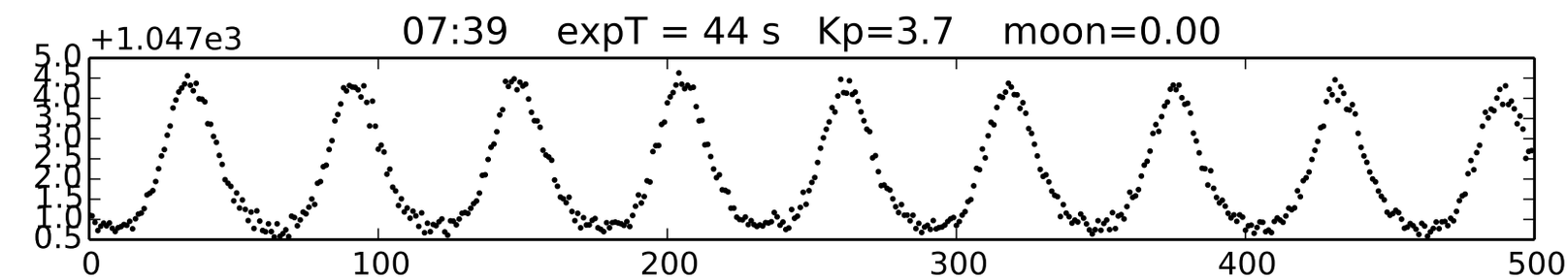

07:05 expT = 30 s Kp=3.7 moon=0.00
1050 1060 1070 1080 1090 1100 1110
0 100 200 300 400 500

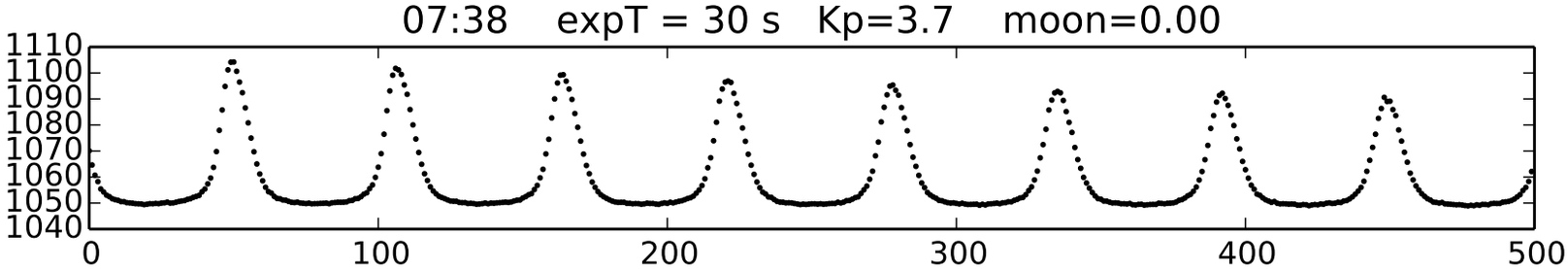

07:17 expT = 44 s Kp=3.7 moon=0.00
+1.048e3
0 1 2 3 4 5 6
0 100 200 300 400 500

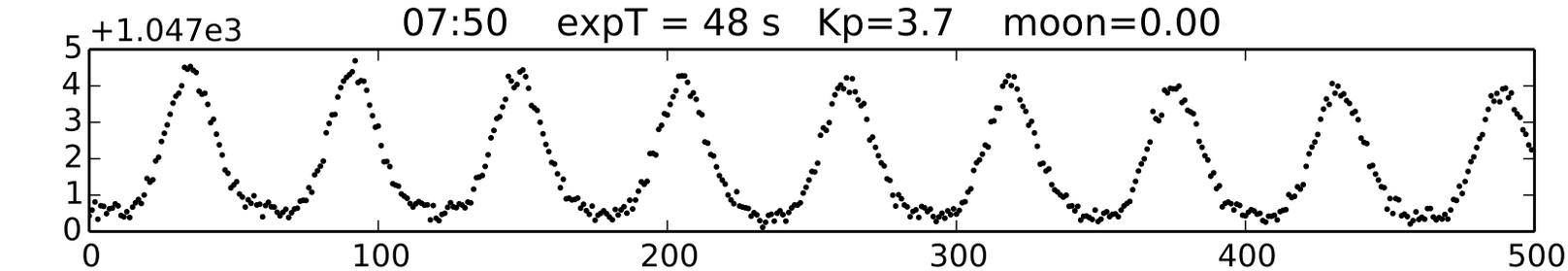

07:16 expT = 30 s Kp=3.7 moon=0.00
1050 1060 1070 1080 1090 1100 1110
0 100 200 300 400 500

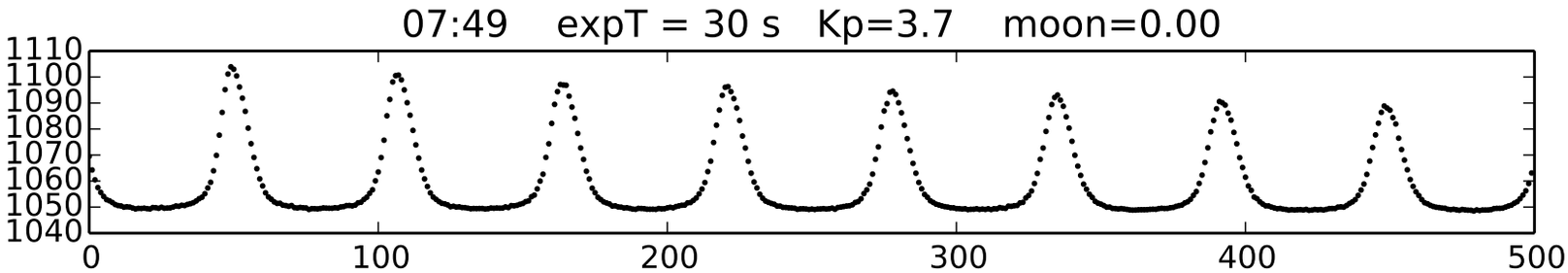

07:28 expT = 45 s Kp=3.7 moon=0.00
+1.047e3
0 1 2 3 4 5 6
0 100 200 300 400 500

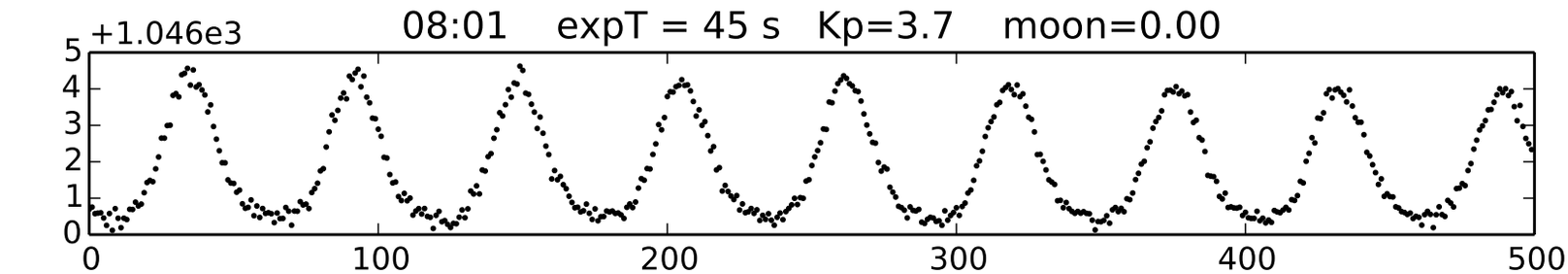

07:27 expT = 30 s Kp=3.7 moon=0.00
1040 1050 1060 1070 1080 1090 1100 1110
0 100 200 300 400 500

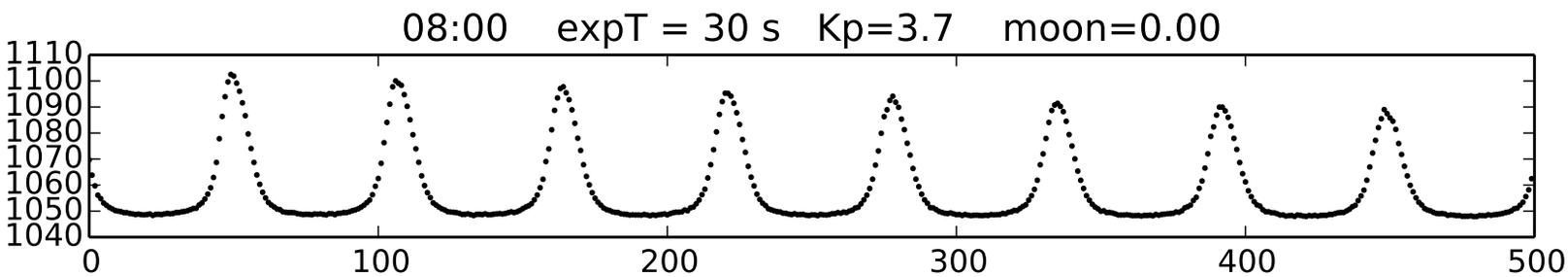

07:39 expT = 44 s Kp=3.7 moon=0.00
+1.047e3
0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0
0 100 200 300 400 500

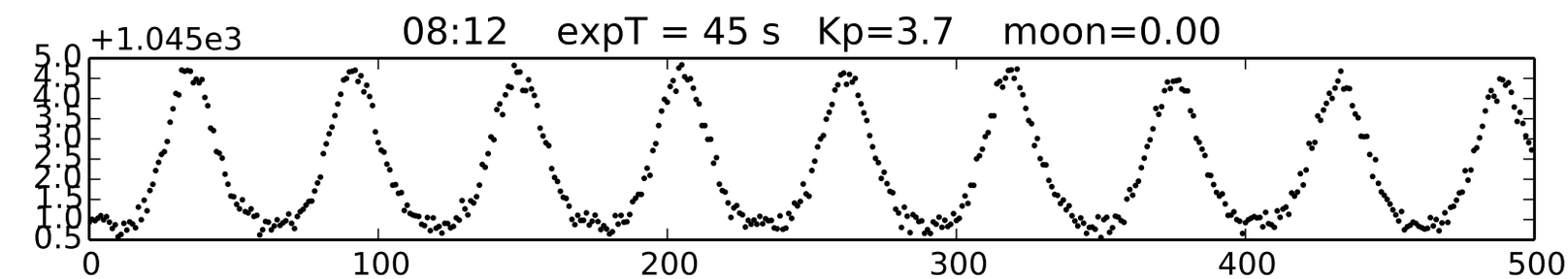

07:38 expT = 30 s Kp=3.7 moon=0.00
1110
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

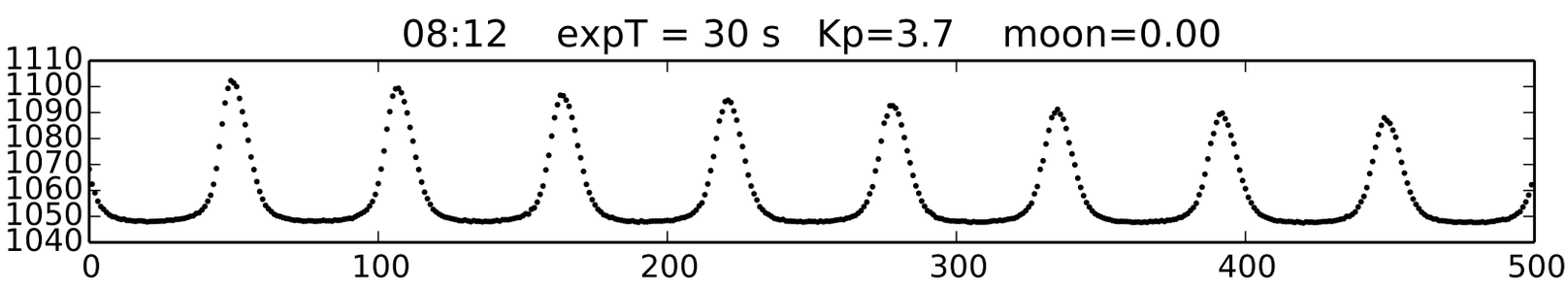

07:50 expT = 48 s Kp=3.7 moon=0.00
+1.047e3
5
4
3
2
1
0
0
100
200
300
400
500

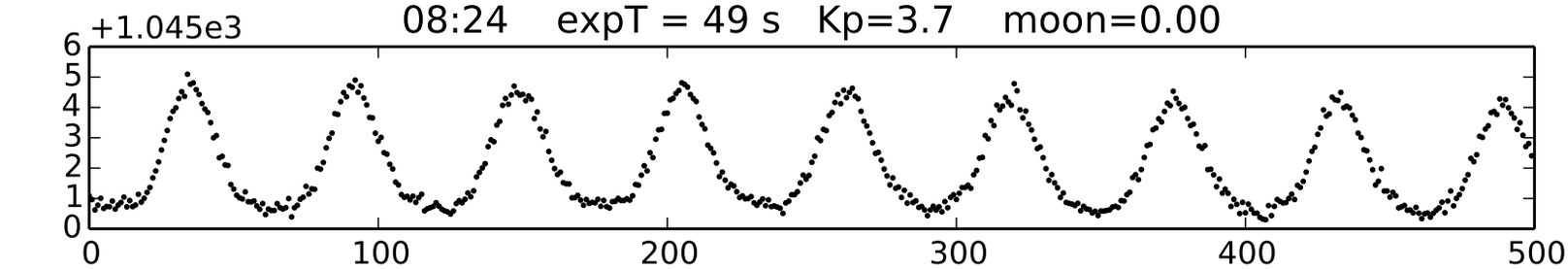

07:49 expT = 30 s Kp=3.7 moon=0.00
1110
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

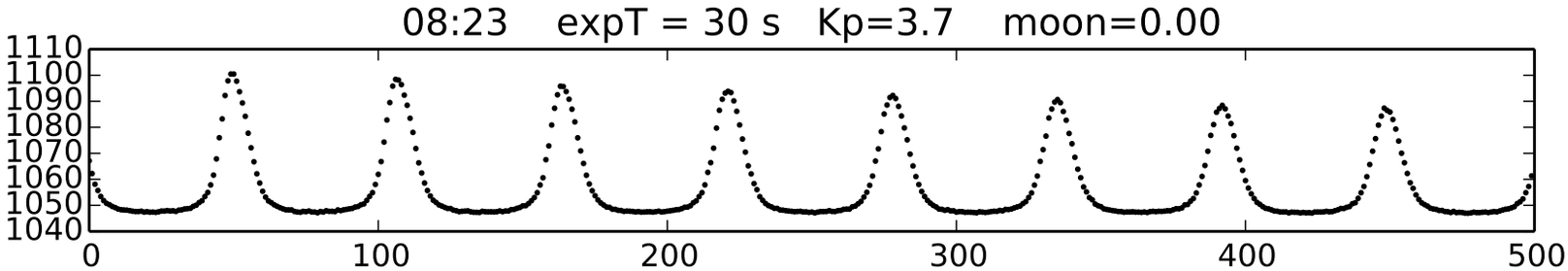

08:01 expT = 45 s Kp=3.7 moon=0.00
+1.046e3
5
4
3
2
1
0
0
100
200
300
400
500

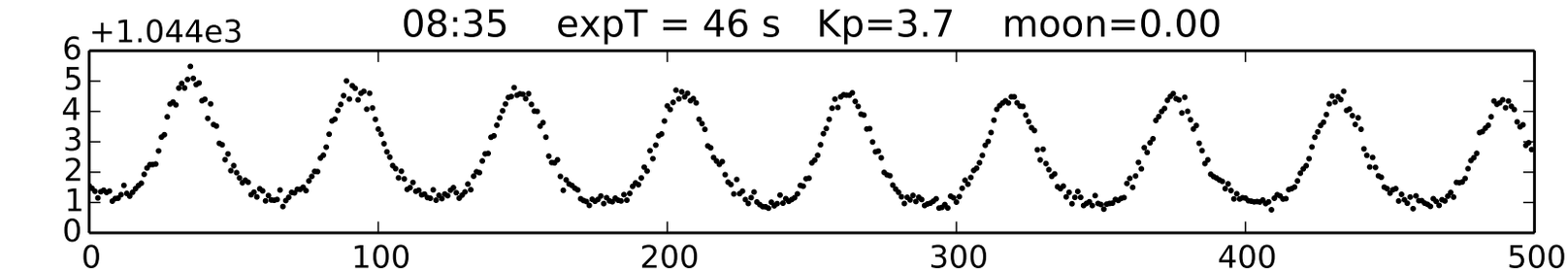

08:00 expT = 30 s Kp=3.7 moon=0.00
1110
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

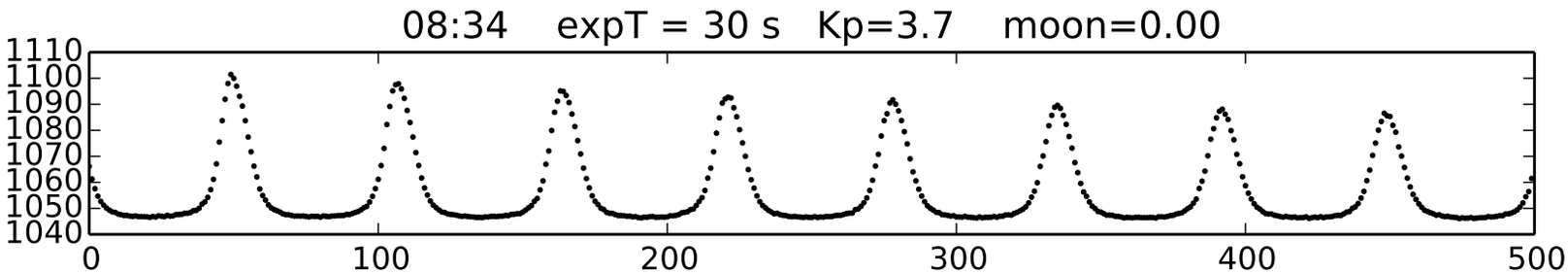

08:12 expT = 45 s Kp=3.7 moon=0.00
+1.045e3
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500

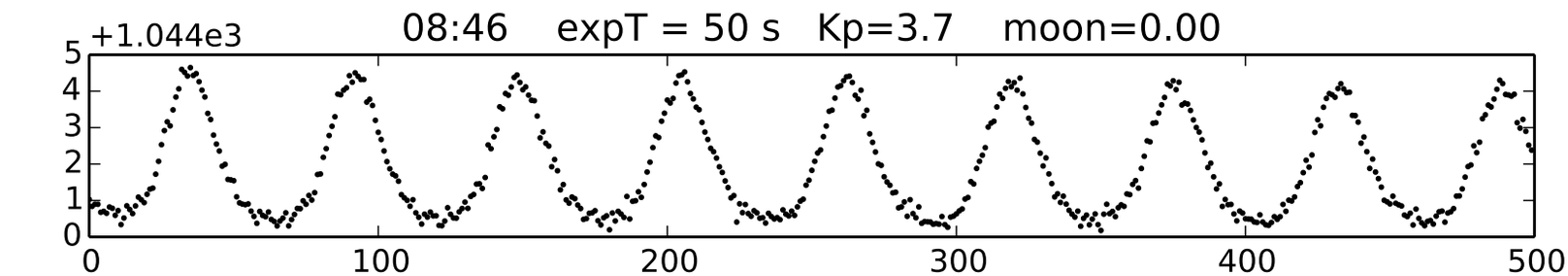

08:12 expT = 30 s Kp=3.7 moon=0.00
1110
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

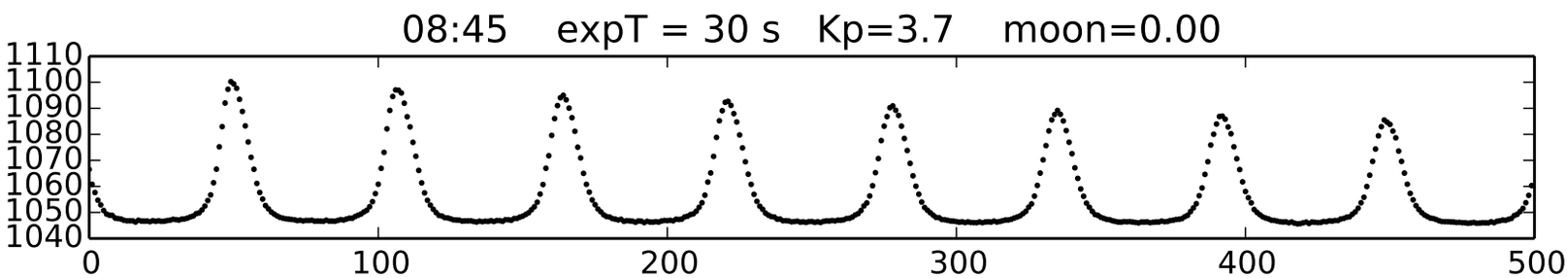

08:24 expT = 49 s Kp=3.7 moon=0.00
+1.045e3
0 1 2 3 4 5 6
0 100 200 300 400 500

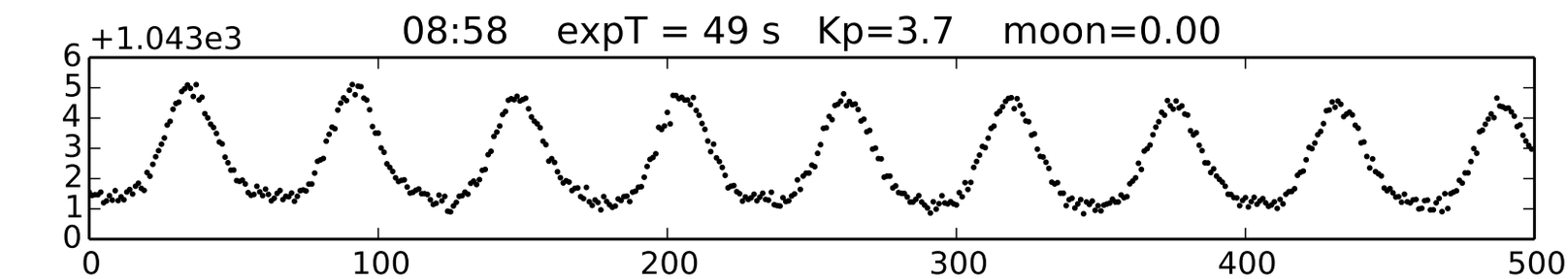

08:23 expT = 30 s Kp=3.7 moon=0.00
1040 1050 1060 1070 1080 1090 1100 1110
0 100 200 300 400 500

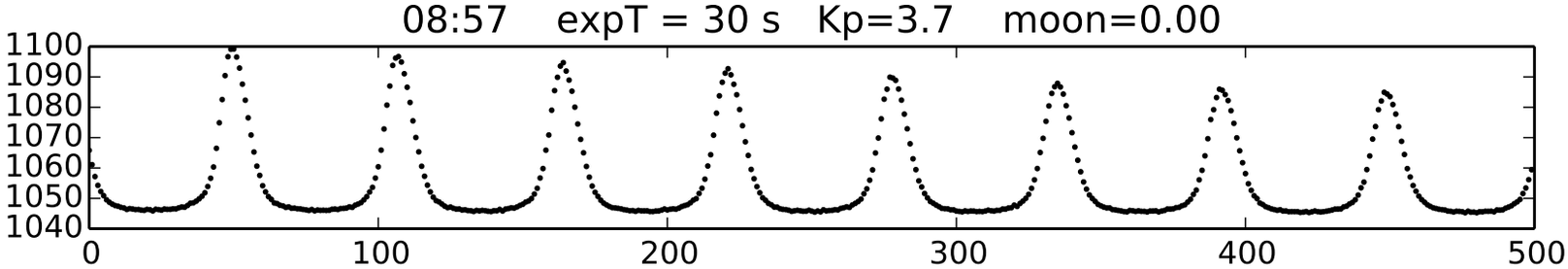

08:35 expT = 46 s Kp=3.7 moon=0.00
+1.044e3
0 1 2 3 4 5 6
0 100 200 300 400 500

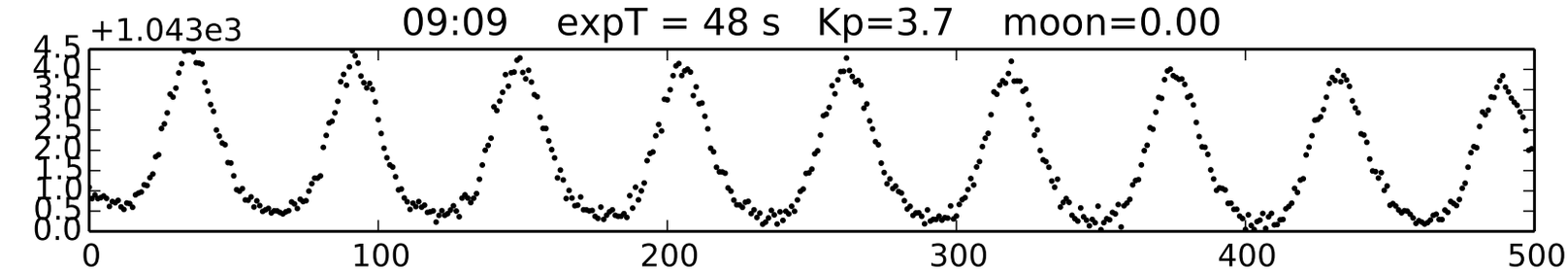

08:34 expT = 30 s Kp=3.7 moon=0.00
1040 1050 1060 1070 1080 1090 1100 1110
0 100 200 300 400 500

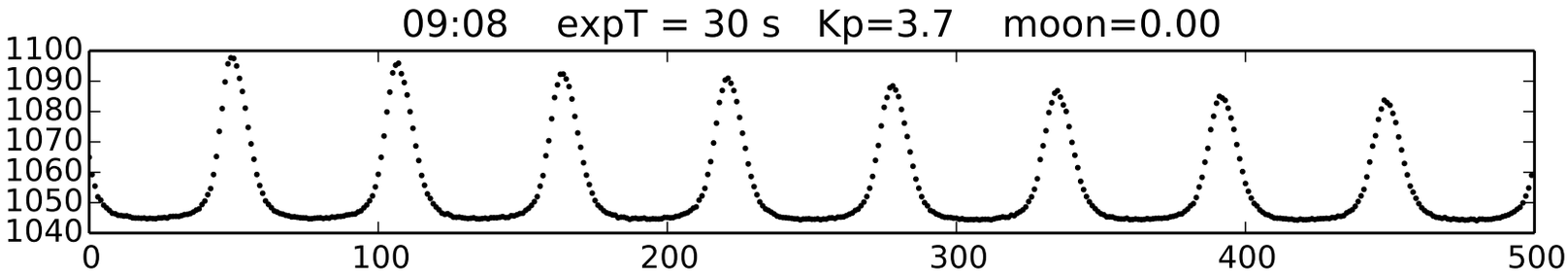

08:46 expT = 50 s Kp=3.7 moon=0.00
+1.044e3
0 1 2 3 4 5
0 100 200 300 400 500

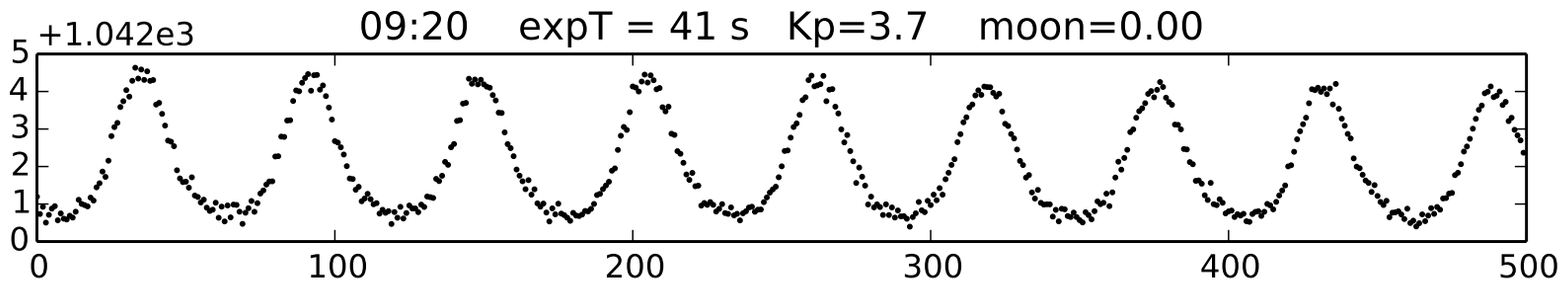

08:45 expT = 30 s Kp=3.7 moon=0.00
1040 1050 1060 1070 1080 1090 1100 1110
0 100 200 300 400 500

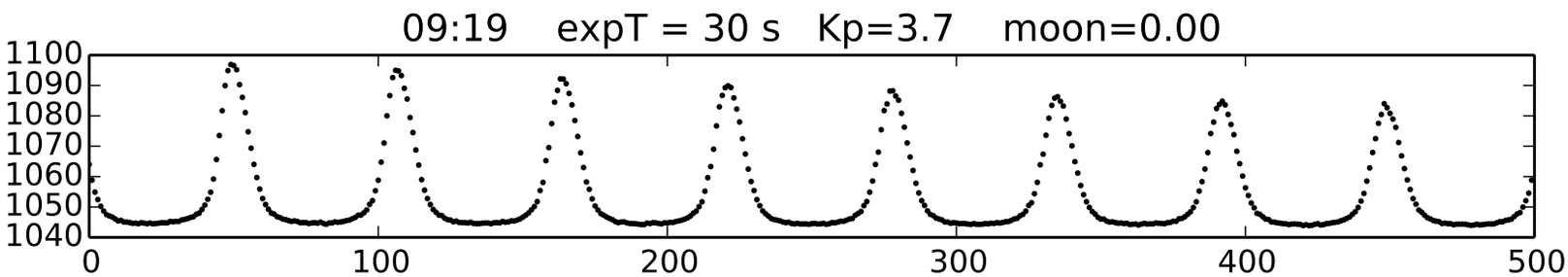

08:58 expT = 49 s Kp=3.7 moon=0.00
+1.043e3
0 1 2 3 4 5 6
0 100 200 300 400 500

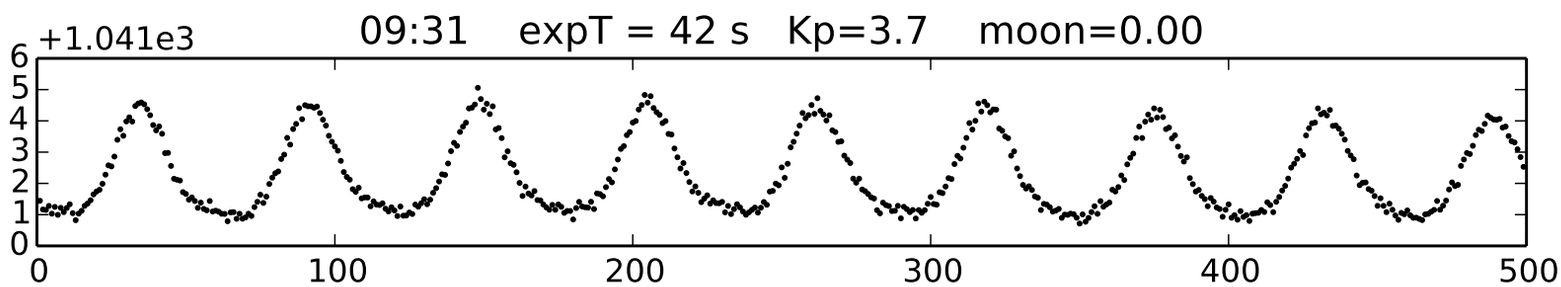

08:57 expT = 30 s Kp=3.7 moon=0.00
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

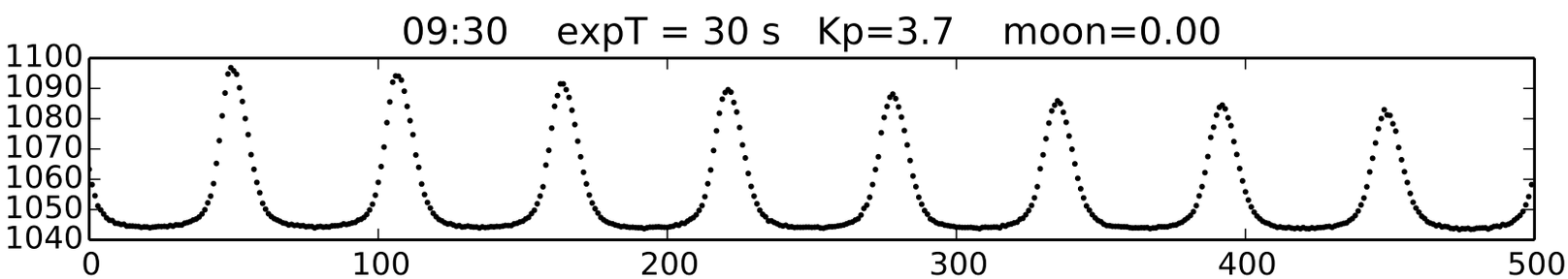

09:09 expT = 48 s Kp=3.7 moon=0.00
+1.043e3
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500

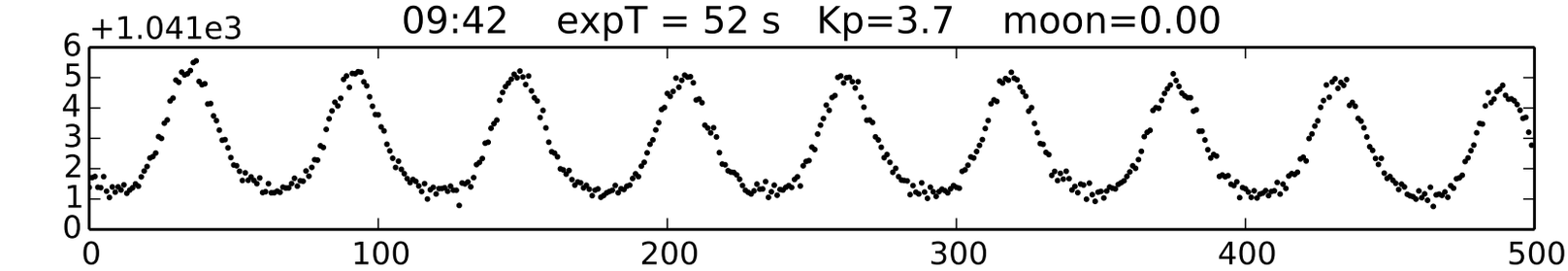

09:08 expT = 30 s Kp=3.7 moon=0.00
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

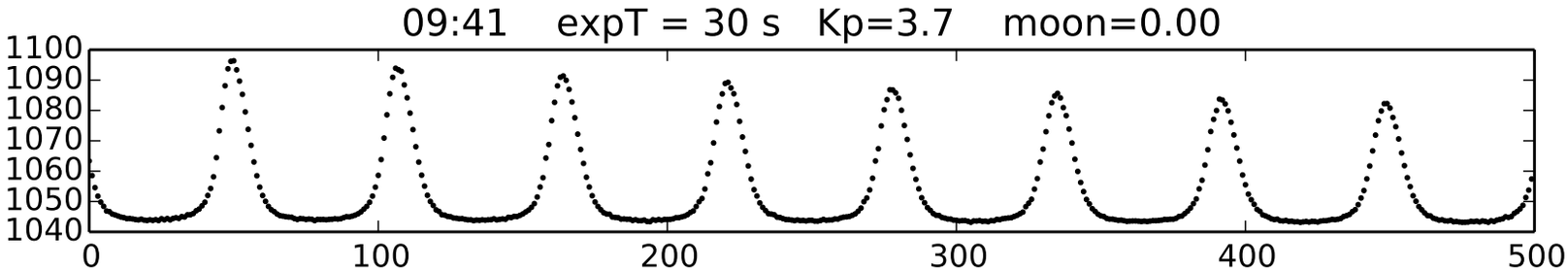

09:20 expT = 41 s Kp=3.7 moon=0.00
+1.042e3
5
4
3
2
1
0
0
100
200
300
400
500

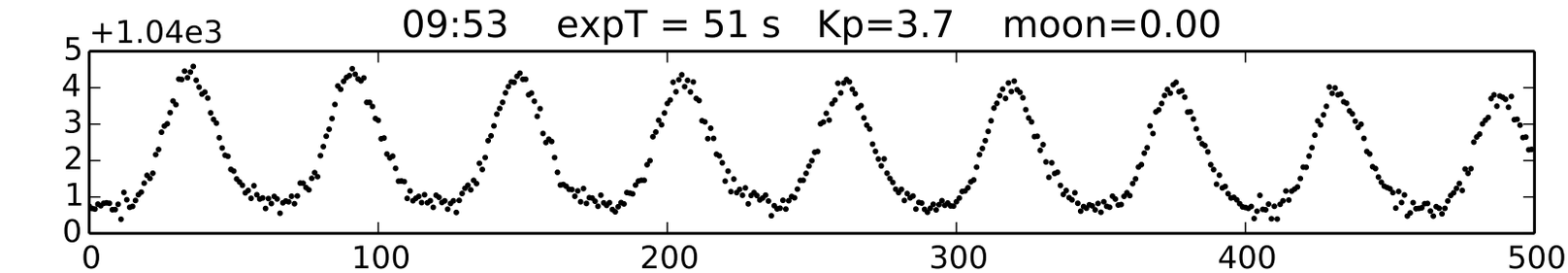

09:19 expT = 30 s Kp=3.7 moon=0.00
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

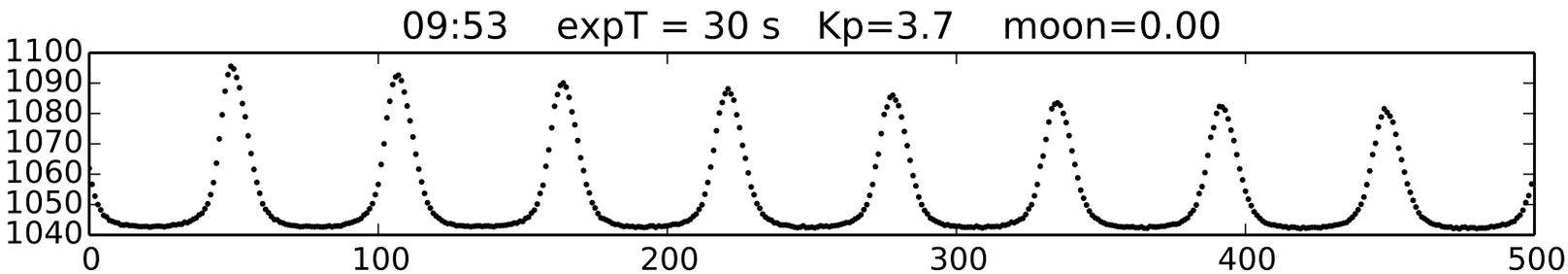

09:31 expT = 42 s Kp=3.7 moon=0.00
+1.041e3
6
5
4
3
2
1
0
0
100
200
300
400
500

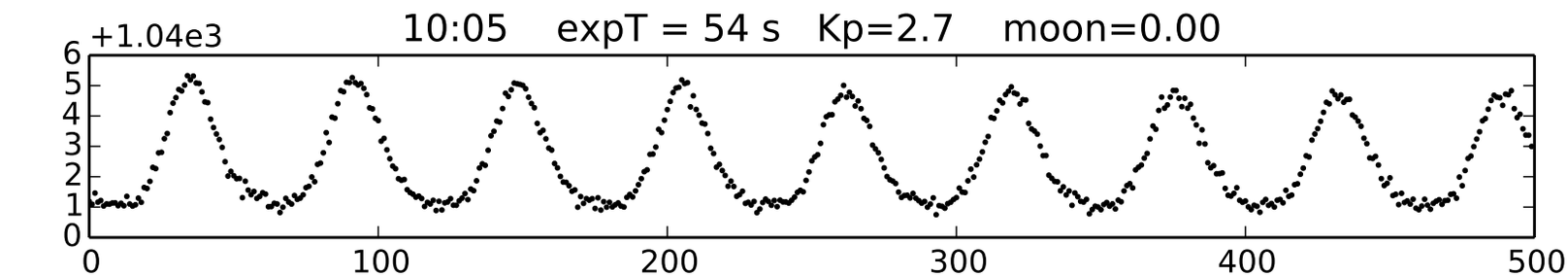

09:30 expT = 30 s Kp=3.7 moon=0.00
1100
1090
1080
1070
1060
1050
1040
0
100
200
300
400
500

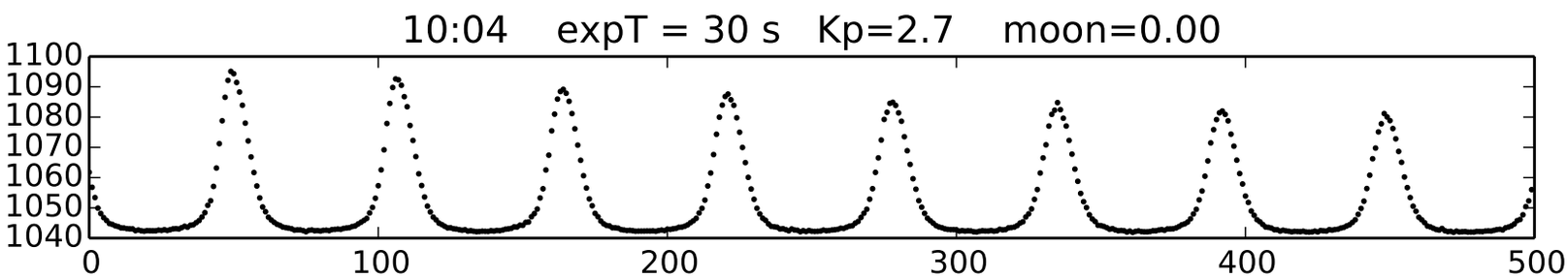

09:42 expT = 52 s Kp=3.7 moon=0.00
+1.041e3
0 1 2 3 4 5 6
0 100 200 300 400 500

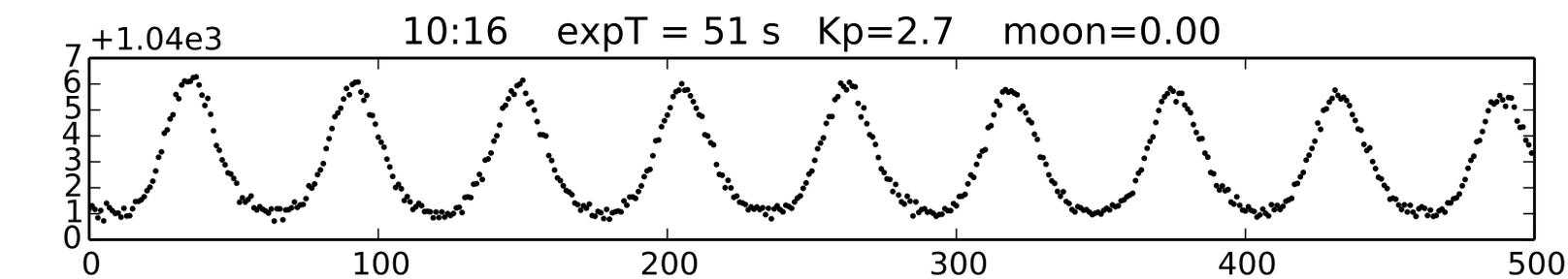

09:41 expT = 30 s Kp=3.7 moon=0.00
1040 1050 1060 1070 1080 1090 1100
0 100 200 300 400 500

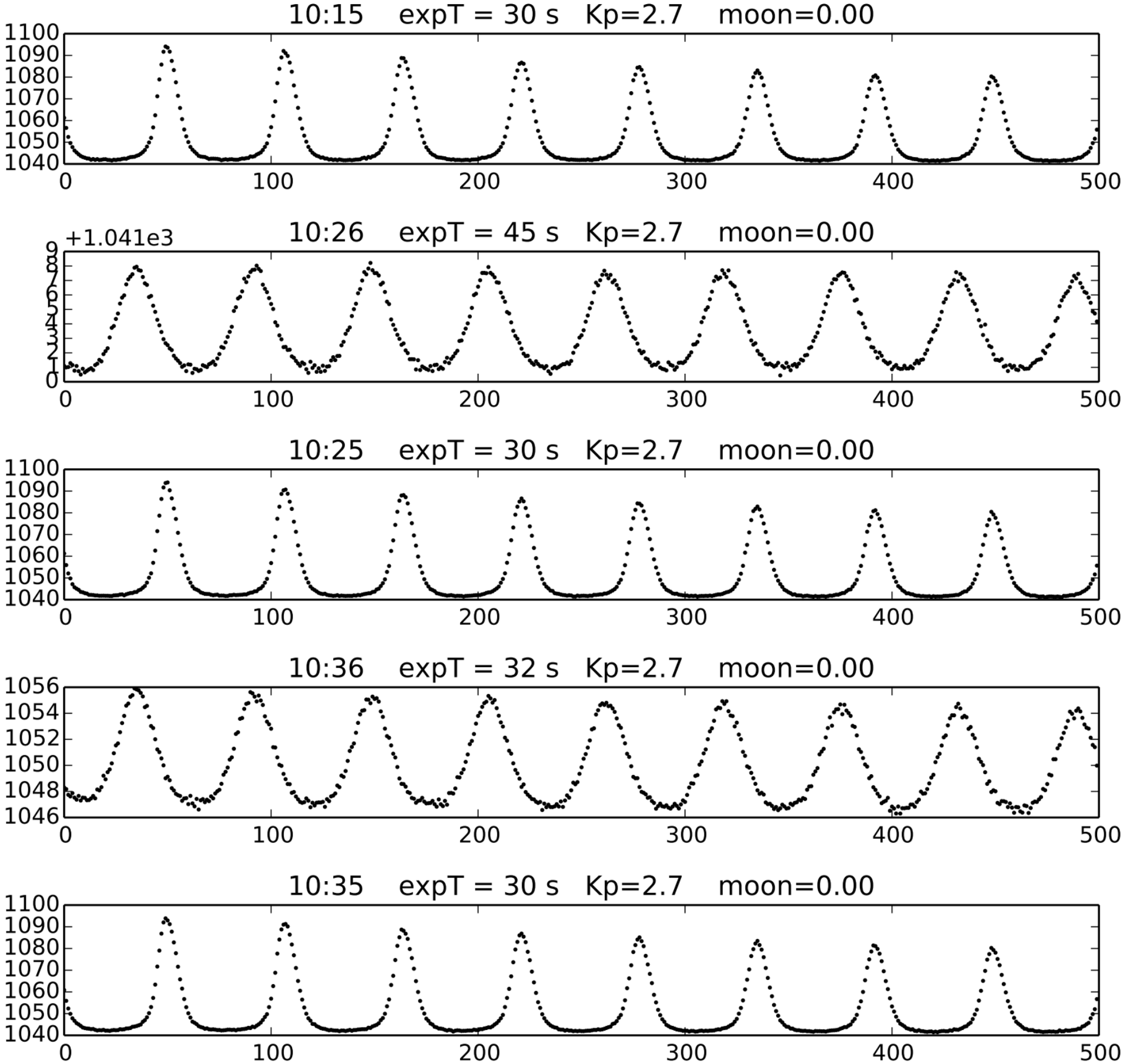

09:53 expT = 51 s Kp=3.7 moon=0.00
+1.04e3
0 1 2 3 4 5
0 100 200 300 400 500


09:53 expT = 30 s Kp=3.7 moon=0.00
1040 1050 1060 1070 1080 1090 1100
0 100 200 300 400 500


10:05 expT = 54 s Kp=2.7 moon=0.00
+1.04e3
0 1 2 3 4 5 6
0 100 200 300 400 500


10:04 expT = 30 s Kp=2.7 moon=0.00
1040 1050 1060 1070 1080 1090 1100
0 100 200 300 400 500


10:16 expT = 51 s Kp=2.7 moon=0.00
+1.04e3
0 1 2 3 4 5 6 7
0 100 200 300 400 500


10:15 expT = 30 s Kp=2.7 moon=0.00
10:26 expT = 45 s Kp=2.7 moon=0.00
+1.041e3
10:25 expT = 30 s Kp=2.7 moon=0.00
10:36 expT = 32 s Kp=2.7 moon=0.00
10:35 expT = 30 s Kp=2.7 moon=0.00