Update August 29 2014

Xiaqing
Comparison between runs under different waiting times

Run 74   Waiting time=$120$ s
Total time = 24 hours (cycle 52~282)

Run 75   Waiting time=$240$ s
Total time = 24 hours (cycle 66~206)

$\Delta f = 2.4 \times 10^{-5} \pm 2.03 \times 10^{-4}$

$\Delta f = 4.1 \times 10^{-5} \pm 2.19 \times 10^{-4}$
Comparison between runs under different oven temperatures

- Pink: @205°C (run78)
- Blue: @210°C (run74)
- Red: @215°C (run76)
- Green: @220°C (run77)
Comparison between runs under different oven temperatures

<table>
<thead>
<tr>
<th>Oven temperature (°C)</th>
<th>205</th>
<th>210</th>
<th>215</th>
<th>220</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run #</td>
<td>78</td>
<td>74</td>
<td>76</td>
<td>77</td>
</tr>
<tr>
<td>Average signal amplitude in Chanel A</td>
<td>0.6196</td>
<td>0.8981*</td>
<td>0.8887</td>
<td>0.9565</td>
</tr>
<tr>
<td>Average signal amplitude in Chanel B</td>
<td>0.9485</td>
<td>1.6685*</td>
<td>1.5967</td>
<td>1.7115</td>
</tr>
</tbody>
</table>

*In calculating the average signal amplitude of run74, the first 100 cycles were cut.
Backups

Run74 (wait time=120s)

Run75 (wait time=240s)

~24 hours

~24 hours