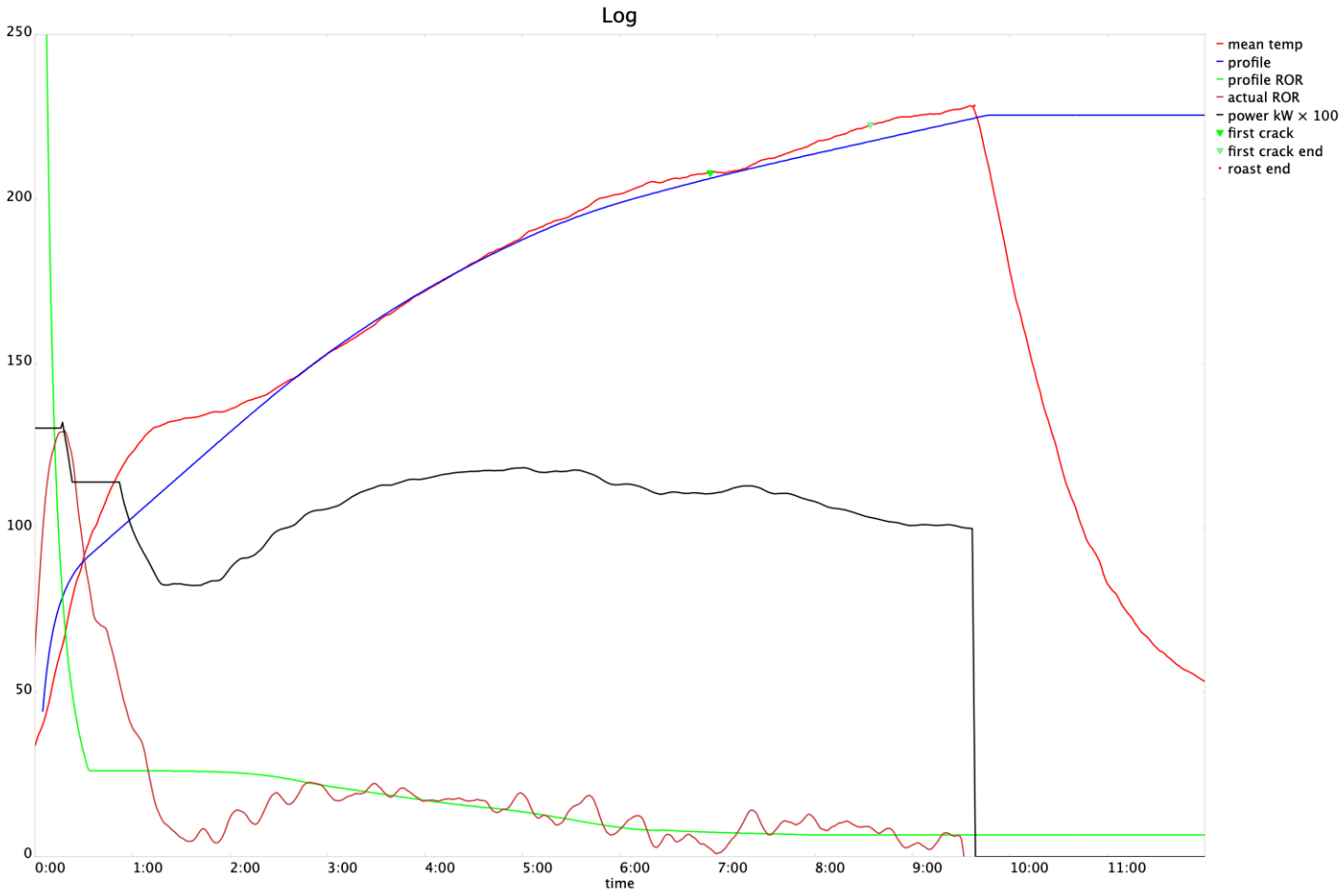
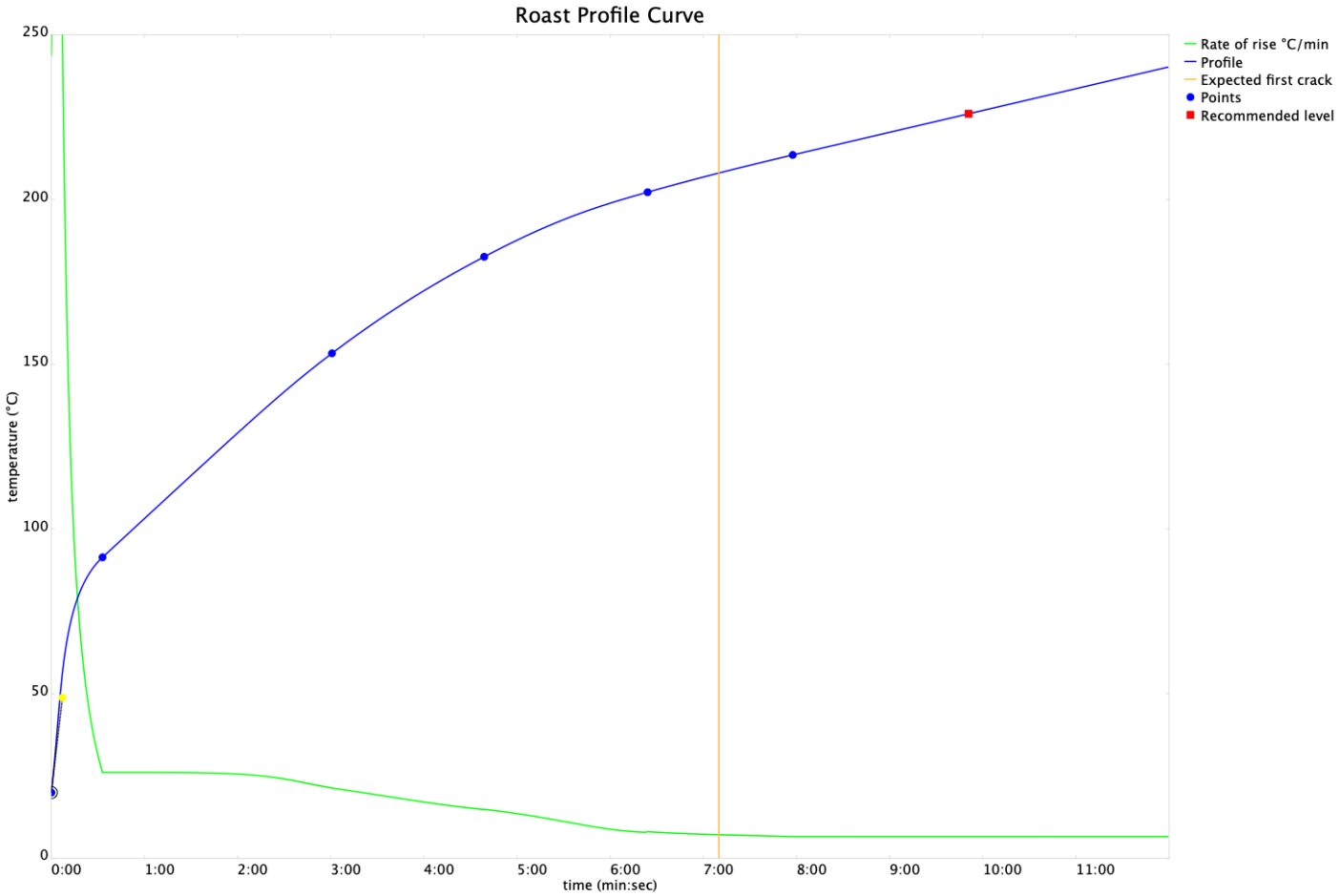
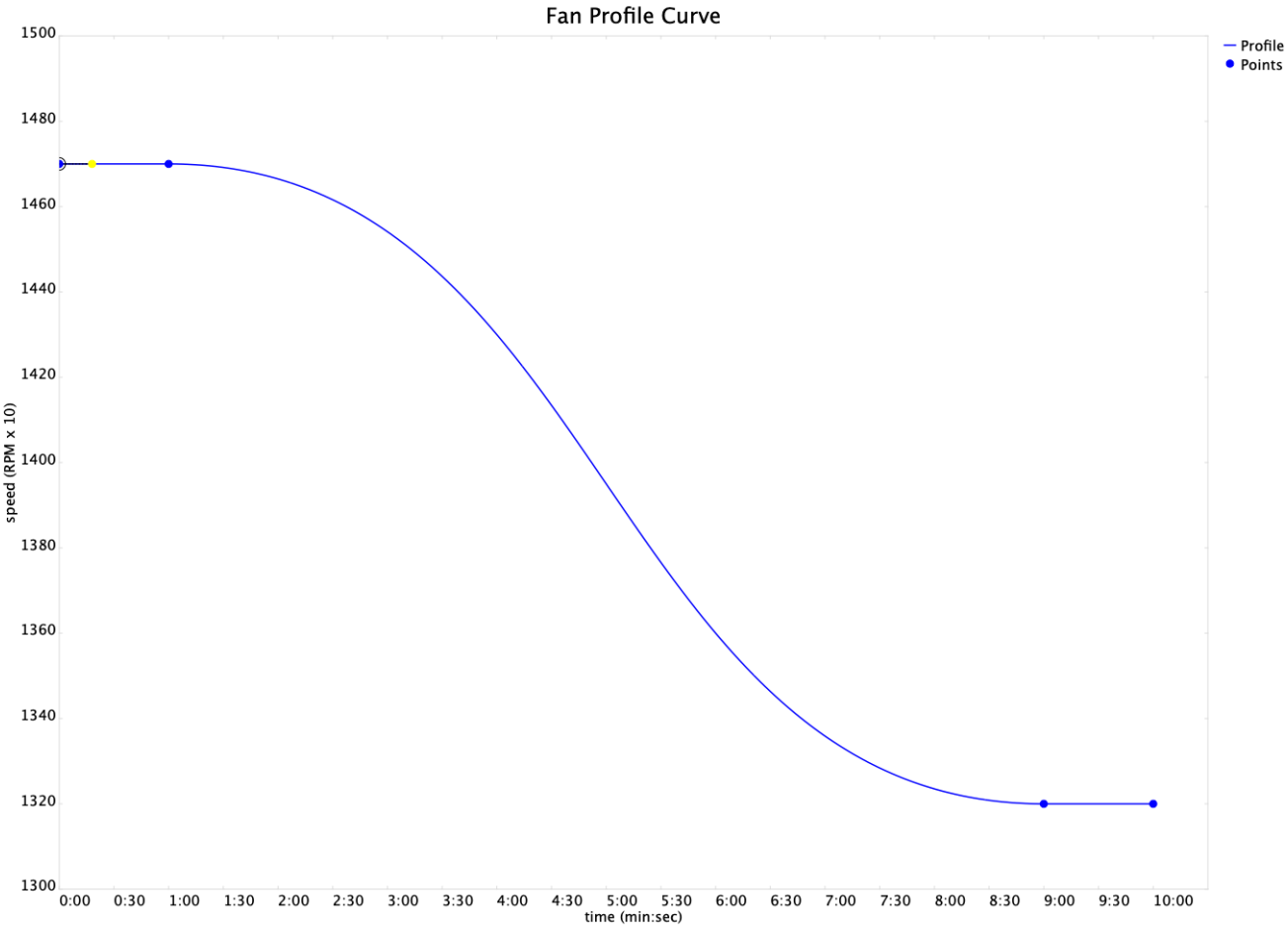
log0407.klog



Logged roast end		**Logged first crack**		**Logged colour change**	
Temperature	228.4 °C	Temperature	208.0 °C	Temperature	-
Time	9:38	Time	6:55	Time	-
Development		**Maillard**		**Drying**	
Duration	2:42	Duration	-	Duration	-
Percent	28.1%	Percent	-	Percent	-
Increase	20.4 °C	Increase	-	Increase	-



Recommended roast end		**Expected first crack**		**Expected colour change**	
Temperature	226.0 °C	Temperature	208.1	Temperature	-
Time	9:50	Time	7:10	Time	-
Development		**Maillard**		**Drying**	
Duration	2:40	Duration	-	Duration	-
Percent	27.1%	Percent	-	Percent	-
Increase	17.9 °C	Increase	-	Increase	-


Fan Profile Curve
Profile
Points
speed (RPM x 10)
1500
1480
1460
1440
1420
1400
1380
1360
1340
1320
1300
0:00
0:30
1:00
1:30
2:00
2:30
3:00
3:30
4:00
4:30
5:00
5:30
6:00
6:30
7:00
7:30
8:00
8:30
9:00
9:30
10:00
time (min:sec)

About this file

Setting	Value
profile short name:	Indo Bl Bi Rest
profile designer:	Kaffelogic Ltd
log file name:	kaffelogic/roast-logs/log0407.klog
profile file name:	Indonesian Blue Bianca Rest v1.
profile modified:	04 Nov 2023 04:41:53pm
native schema version:	1.8
roasting level:	2.9
boost load size:	160
boost load fan multiplier:	1.08617
boost load power multiplier:	1.08617
time jump:	0:01.57047
preheat heater percent:	79.4562
ambient temperature:	26.4
mains voltage:	239.681V, 50Hz
heater power available:	1487.72
power factor:	0.974645
density factor:	0.978706
reference temperature:	37.2
back2back count:	1
model:	KN1007B/E/B34345
motor hours:	96.1697
heater hours:	65.0542
calibration data:	0.994,1.01,1.01,1.015
firmware version:	7.11.7.1842
ambient cutoff reference:	45
ambient cutoff probe:	45
ambient cutoff difference:	3.5
ambient default temperature:	22.5
cooldown end temperature:	40
cooldown end ror 1st:	-1.5
cooldown end ror b2b:	-0.5
cooldown slow time:	30
first crack:	6:55 208.0°C
first crack end:	8:34 222.7°C
roast end:	9:38 228.4°C
development percent:	28.1134
roast end reason:	0
motor supply noise:	28
roast date:	
tasting notes:	

Profile settings

Setting	Value
profile schema version:	1.4
reference load size:	120
preheat power:	1200
preheat nominal temperature:	240
preheat min power offset:	10
preheat min time:	0:20
preheat max time:	1:00
preheat check gradient time:	0:30
preheat target in future:	0:30
preheat mode:	5
preheat end detection count:	5
preheat temperature proximity:	8.5
roast required power:	1300
roast min desired rate of rise:	3
roast target in future:	0:25
roast use prediction method:	1
roast target timeshift:	0:01
roast end by time ratio:	1
roast PID Kp:	0.7172
roast PID Ki:	0
roast PID Kd:	3.55
roast PID min i:	0
roast PID max i:	0
roast PID iLimitApplyAtZero:	1
roast PID differentialOnError:	1
specific heat adj upper temperature limit:	180
specific heat adj lower temperature limit:	80
specific heat adj multiplier Kp:	2.1
specific heat adj multiplier Kd:	4
zone1 time start:	0:00
zone1 time end:	0:00
zone1 multiplier Kp:	1
zone1 multiplier Kd:	1
zone1 boost:	0
zone2 time start:	0:00
zone2 time end:	0:00
zone2 multiplier Kp:	1
zone2 multiplier Kd:	1
zone2 boost:	0
zone3 time start:	0:00
zone3 time end:	0:00
zone3 multiplier Kp:	1

Setting	Value
zone3 multiplier Kd:	1
zone3 boost:	0
corner1 time start:	0:00
corner1 time end:	0:00
cooldown hi speed:	17000
cooldown lo speed:	15000
cooldown lo temperature:	100
roast levels:	205.0,216.5,218.2,226.0,228.0,232.9,241

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