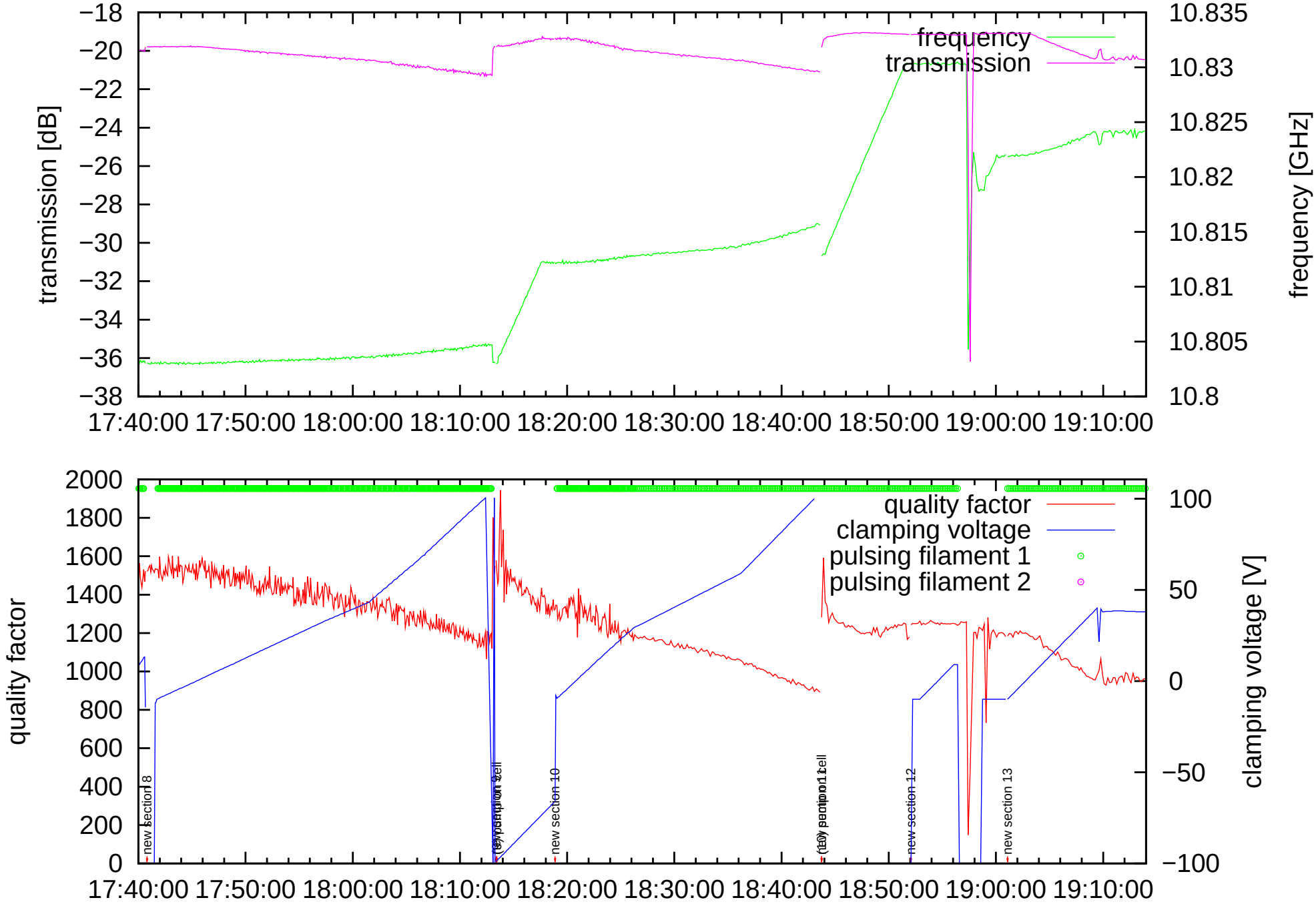
transmission [dB]
frequency [GHz]
frequency
transmission
−18
−20
−22
−24
−26
−28
−30
−32
−34
−36
−38
10.835
10.83
10.825
10.82
10.815
10.81
10.805
10.8
17:40:00 17:50:00 18:00:00 18:10:00 18:20:00 18:30:00 18:40:00 18:50:00 19:00:00 19:10:00
quality factor
clamping voltage [V]
quality factor
clamping voltage
pulsing filament 1
pulsing filament 2
2000
1800
1600
1400
1200
1000
800
600
400
200
0
100
50
0
−50
−100
new section 8
new section 10
new section 12
new section 13
17:40:00 17:50:00 18:00:00 18:10:00 18:20:00 18:30:00 18:40:00 18:50:00 19:00:00 19:10:00