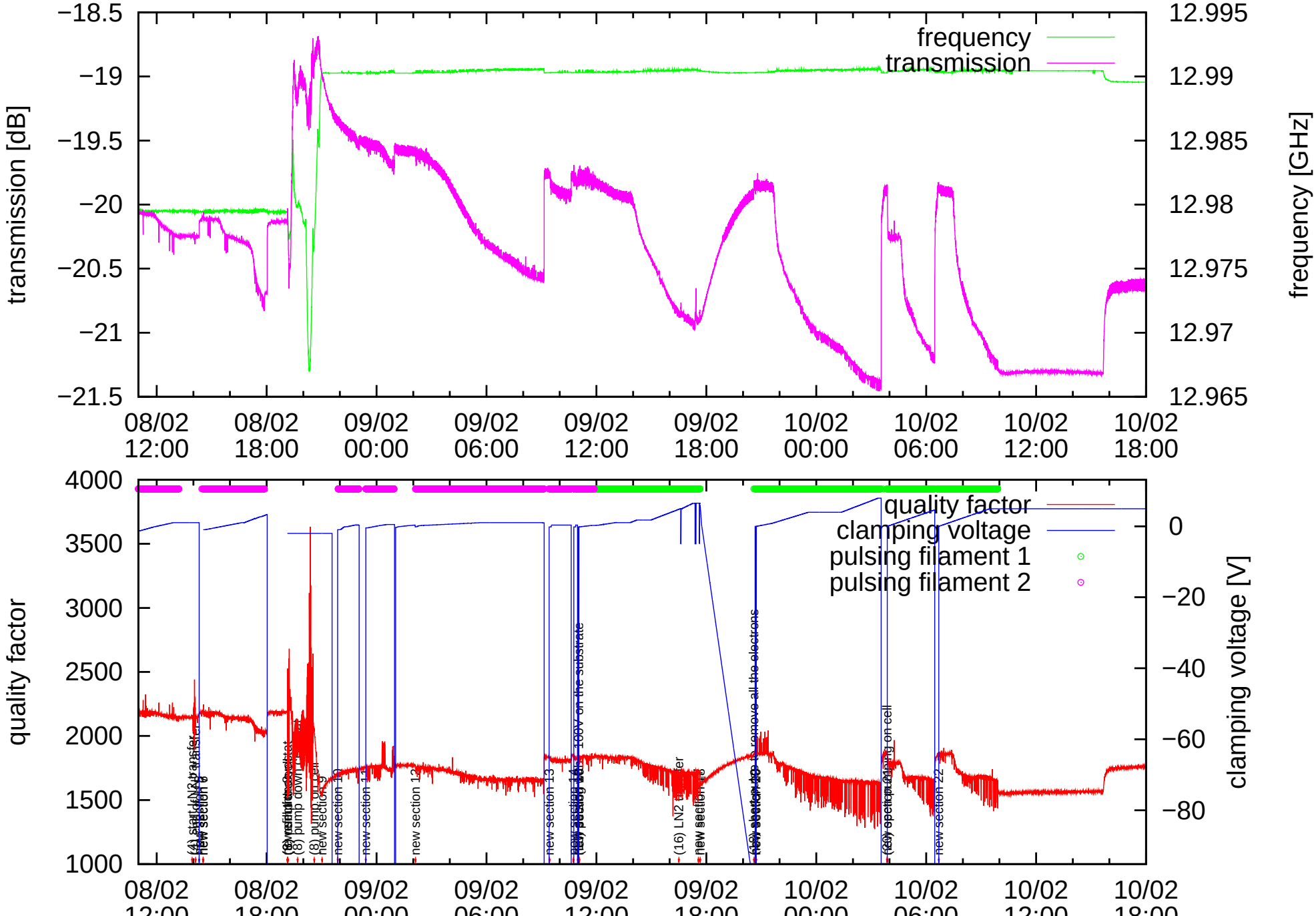
frequency
transmission
transmission [dB]
frequency [GHz]
−18.5
−19
−19.5
−20
−20.5
−21
−21.5
12.995
12.99
12.985
12.98
12.975
12.97
12.965
08/02 12:00
08/02 18:00
09/02 00:00
09/02 06:00
09/02 12:00
09/02 18:00
10/02 00:00
10/02 06:00
10/02 12:00
10/02 18:00
quality factor
clamping voltage
pulsing filament 1
pulsing filament 2
quality factor
clamping voltage [V]
4000
3500
3000
2500
2000
1500
1000
0
−20
−40
−60
−80
(8) pump down
new section 9
new section 10
new section 11
new section 12
new section 13
100V on the substrate
(16) LN2
new section 18
new section 19
remove all the electrons
new section 21
new section 22