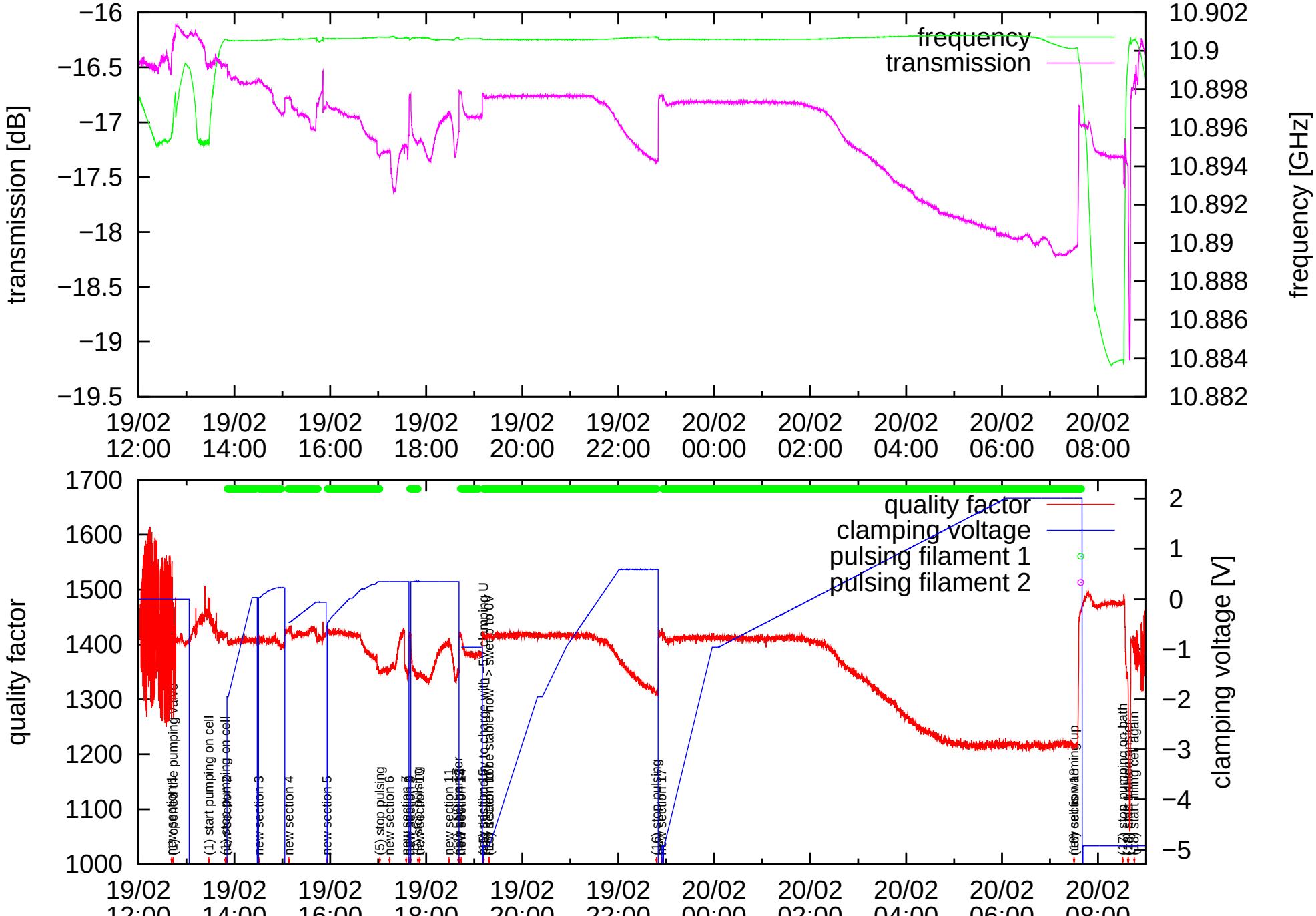
transmission [dB]
frequency [GHz]
frequency
transmission
−16
−16.5
−17
−17.5
−18
−18.5
−19
−19.5
10.902
10.9
10.898
10.896
10.894
10.892
10.89
10.888
10.886
10.884
10.882
19/02 12:00
19/02 14:00
19/02 16:00
19/02 18:00
19/02 20:00
19/02 22:00
20/02 00:00
20/02 02:00
20/02 04:00
20/02 06:00
20/02 08:00
quality factor
clamping voltage [V]
quality factor
clamping voltage
pulsing filament 1
pulsing filament 2
1700
1600
1500
1400
1300
1200
1100
1000
2
1
0
−1
−2
−3
−4
−5
(1) start pumping on cell
new section 3
new section 4
new section 5
(5) stop pulsing
new section 6
new section 11
(16) stop pulsing
new section 17
(17) stop pumping on bath
(18) start filling cell again