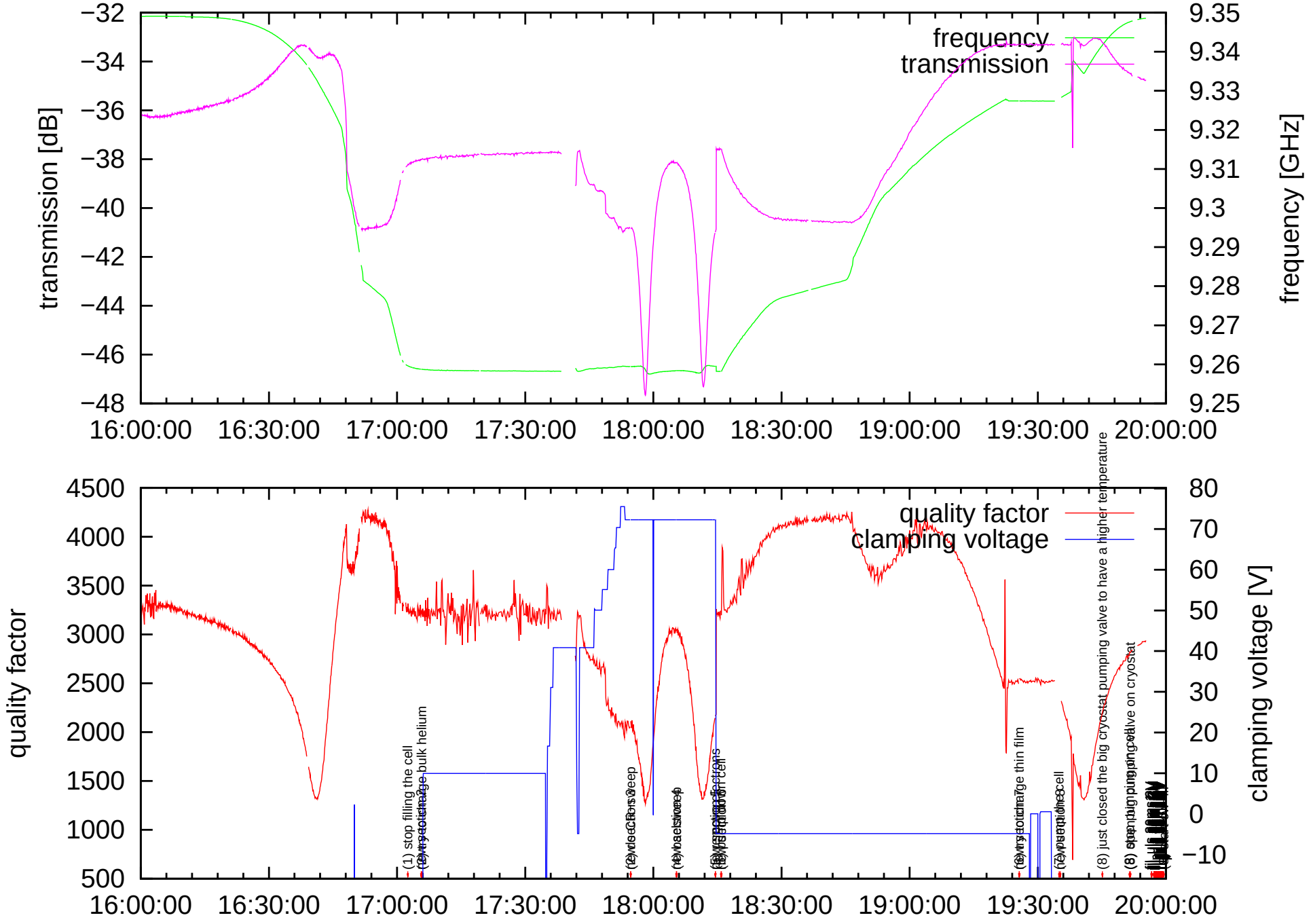
frequency
transmission
transmission [dB]
frequency [GHz]
−32
−34
−36
−38
−40
−42
−44
−46
−48
9.35
9.34
9.33
9.32
9.31
9.3
9.29
9.28
9.27
9.26
9.25
16:00:00
16:30:00
17:00:00
17:30:00
18:00:00
18:30:00
19:00:00
19:30:00
20:00:00
quality factor
clamping voltage
quality factor
clamping voltage [V]
4500
4000
3500
3000
2500
2000
1500
1000
500
80
70
60
50
40
30
20
10
0
−10
(1) stop filling the cell
(8) just closed the big cryostat pumping valve to have a higher temperature
(8) stop pumping the cell
(8) open the pumping valve on cryostat