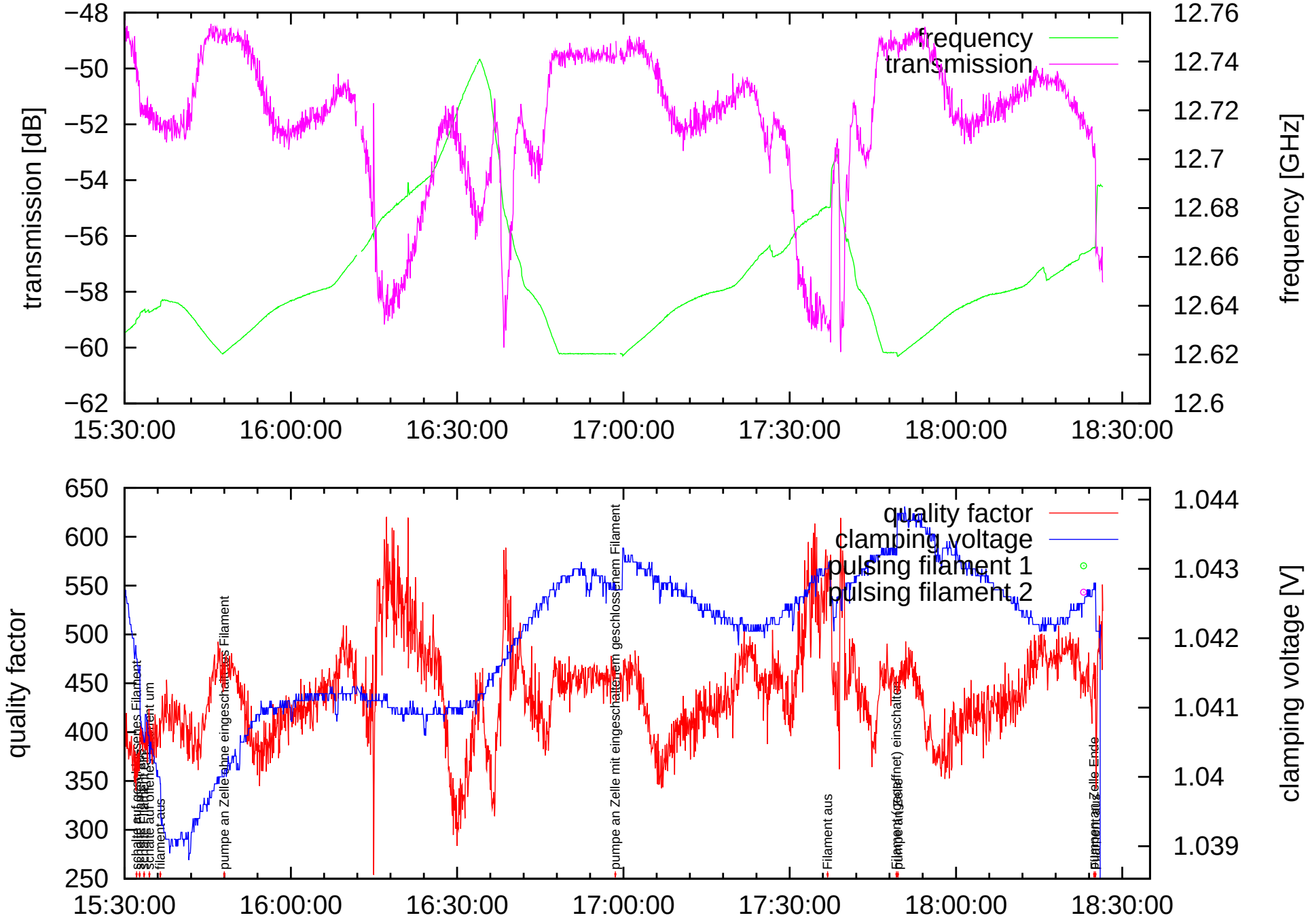
frequency
transmission
transmission [dB]
frequency [GHz]
−48
−50
−52
−54
−56
−58
−60
−62
12.76
12.74
12.72
12.7
12.68
12.66
12.64
12.62
12.6
15:30:00
16:00:00
16:30:00
17:00:00
17:30:00
18:00:00
18:30:00
quality factor
clamping voltage
pulsing filament 1
pulsing filament 2
quality factor
clamping voltage [V]
650
600
550
500
450
400
350
300
250
1.044
1.043
1.042
1.041
1.04
1.039
filament aus
pumpe an Zelle ohne eingeschaltetes Filament
pumpe an Zelle mit eingeschaltetem geschlossenem Filament
Filament aus
Filament aus Zelle Ende