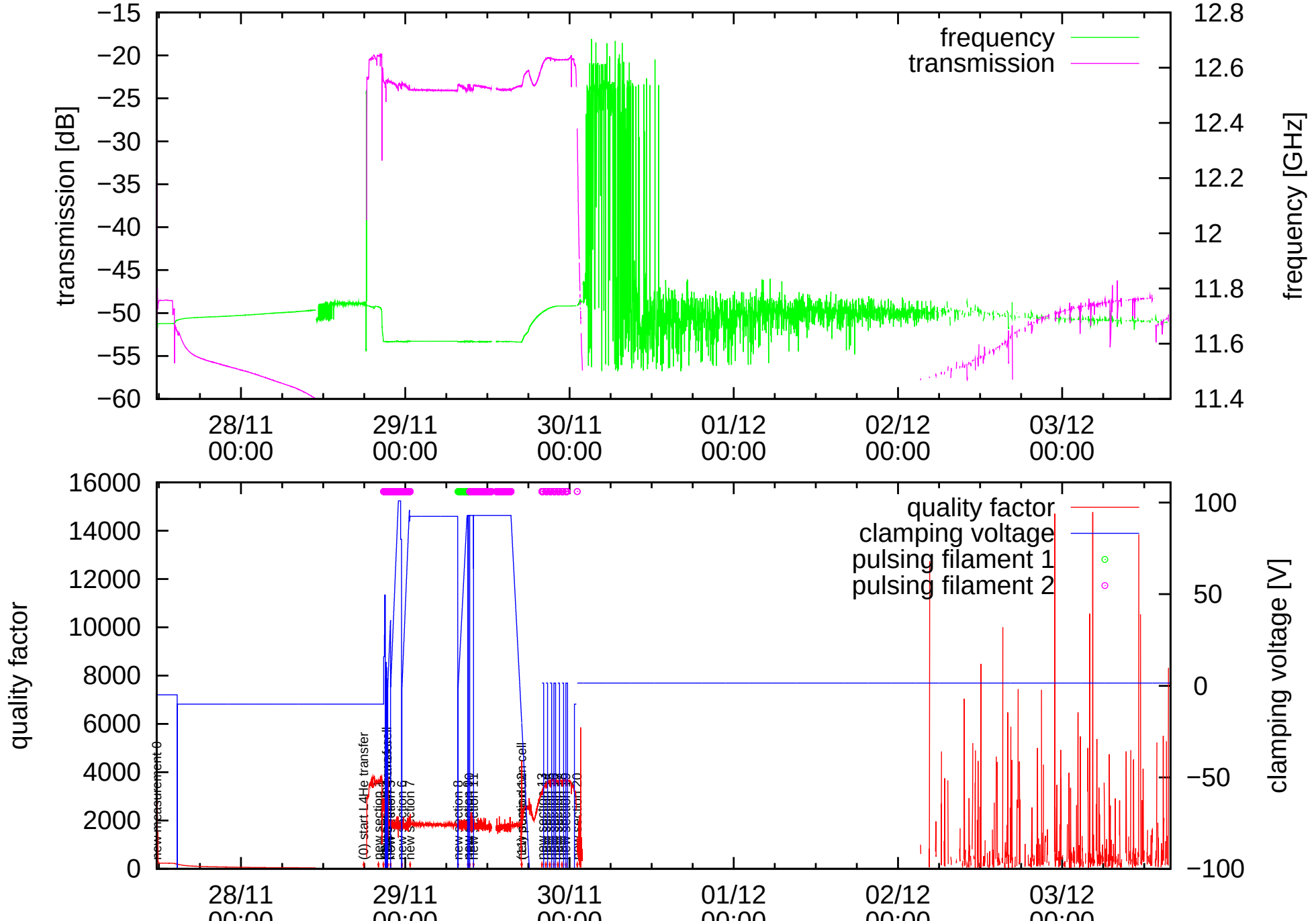
frequency
transmission
transmission [dB]
frequency [GHz]
−15
−20
−25
−30
−35
−40
−45
−50
−55
−60
12.8
12.6
12.4
12.2
12
11.8
11.6
11.4
28/11 00:00
29/11 00:00
30/11 00:00
01/12 00:00
02/12 00:00
03/12 00:00
quality factor
clamping voltage
pulsing filament 1
pulsing filament 2
clamping voltage [V]
16000
14000
12000
10000
8000
6000
4000
2000
0
100
50
0
−50
−100
new measurement 0
(0) start LHe transfer
new section 6
new section 7
new section 8
new section 20