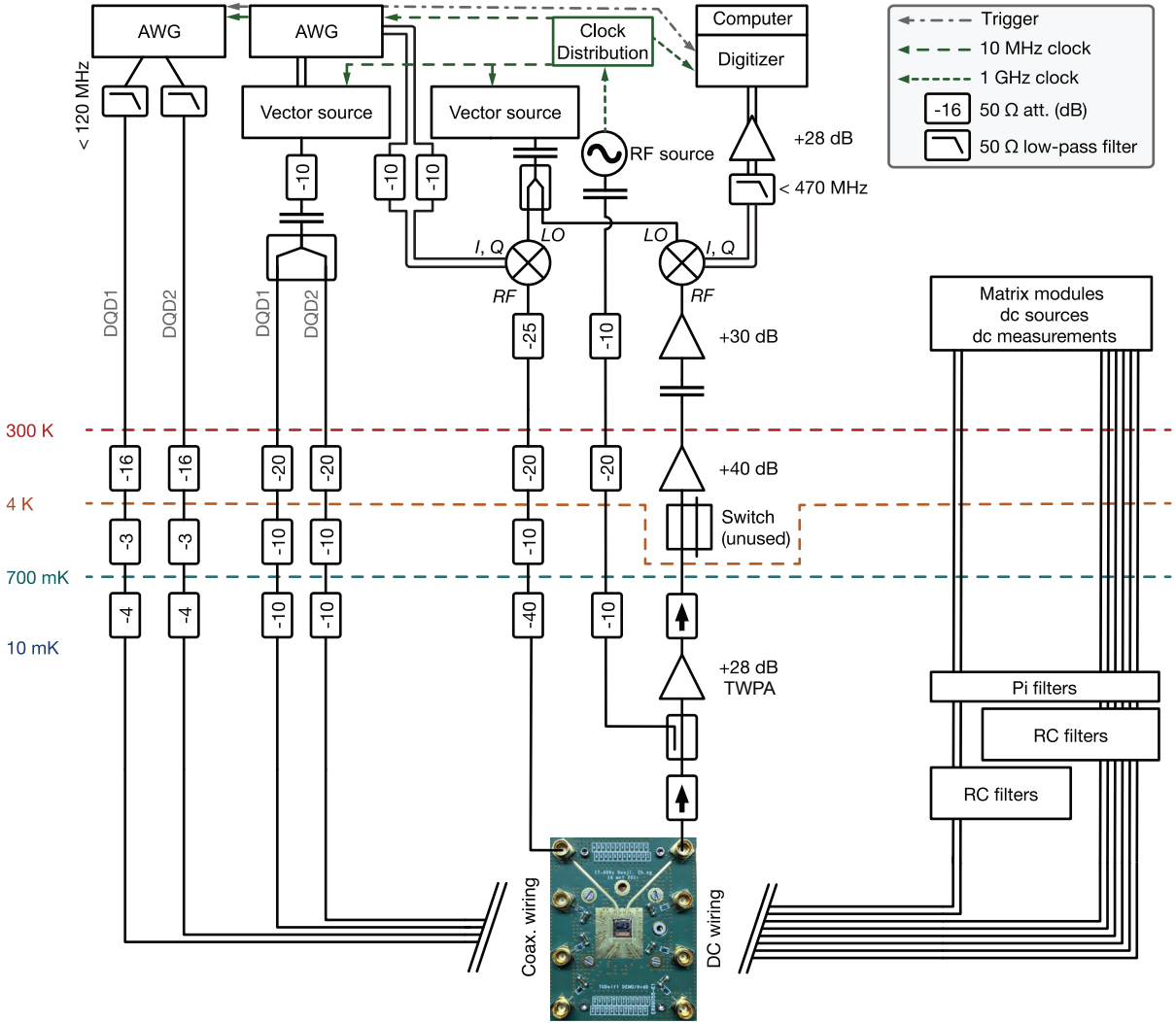
AWG
AWG
Clock Distribution
Computer
Digitizer
Trigger
10 MHz clock
1 GHz clock
-16 50 Ω att. (dB)
50 Ω low-pass filter
< 120 MHz
Vector source
Vector source
RF source
+28 dB
< 470 MHz
I, Q
LO
LO
I, Q
RF
RF
DQD1
DQD2
DQD1
DQD2
-10
-10
-10
-25
-10
+30 dB
Matrix modules
dc sources
dc measurements
300 K
4 K
700 mK
10 mK
-16
-16
-20
-20
-20
-20
+40 dB
-3
-3
-10
-10
-10
-10
Switch
(unused)
-4
-4
-10
-10
-40
-10
+28 dB
TWPA
Pi filters
RC filters
RC filters
Coax. wiring
DC wiring