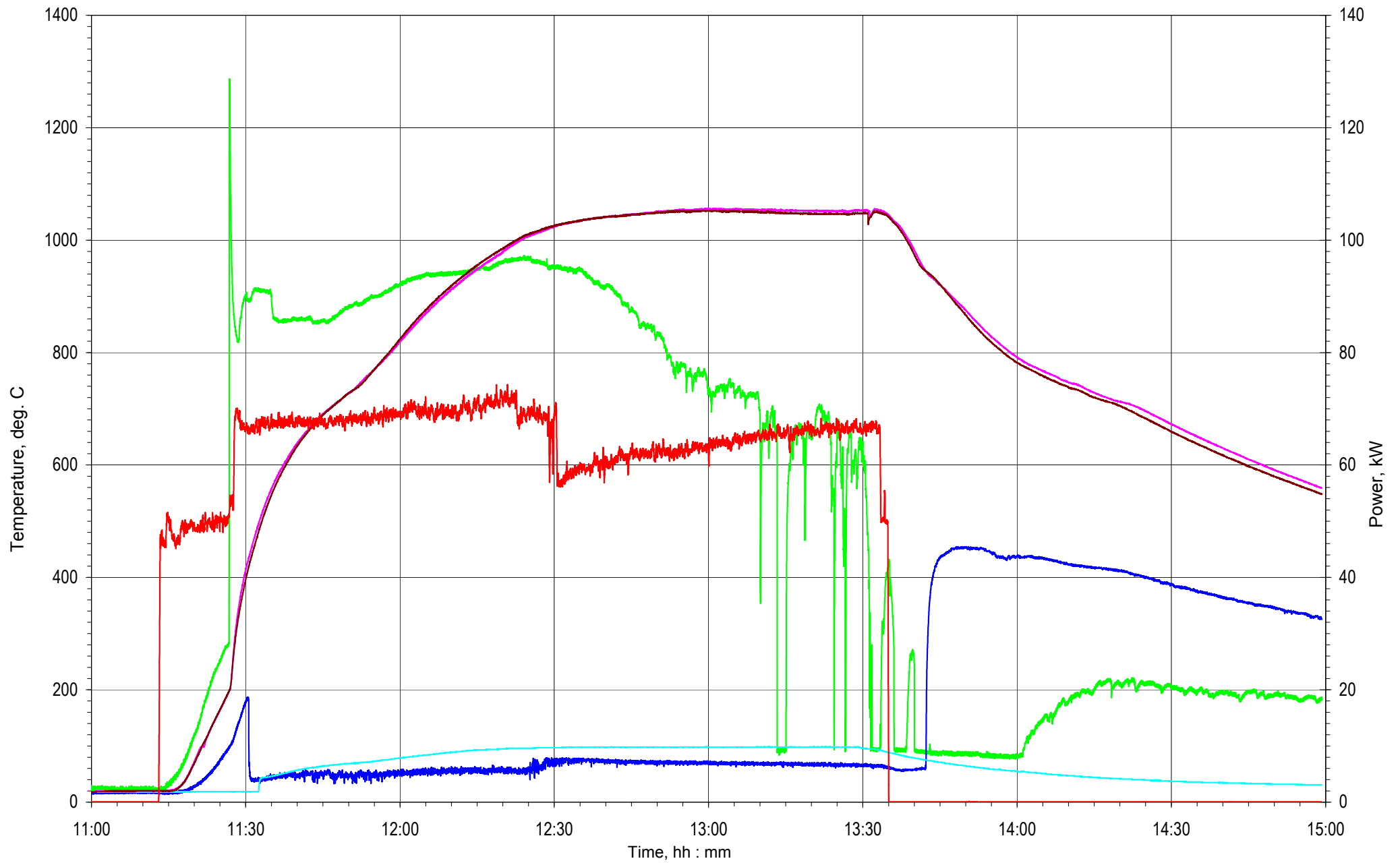
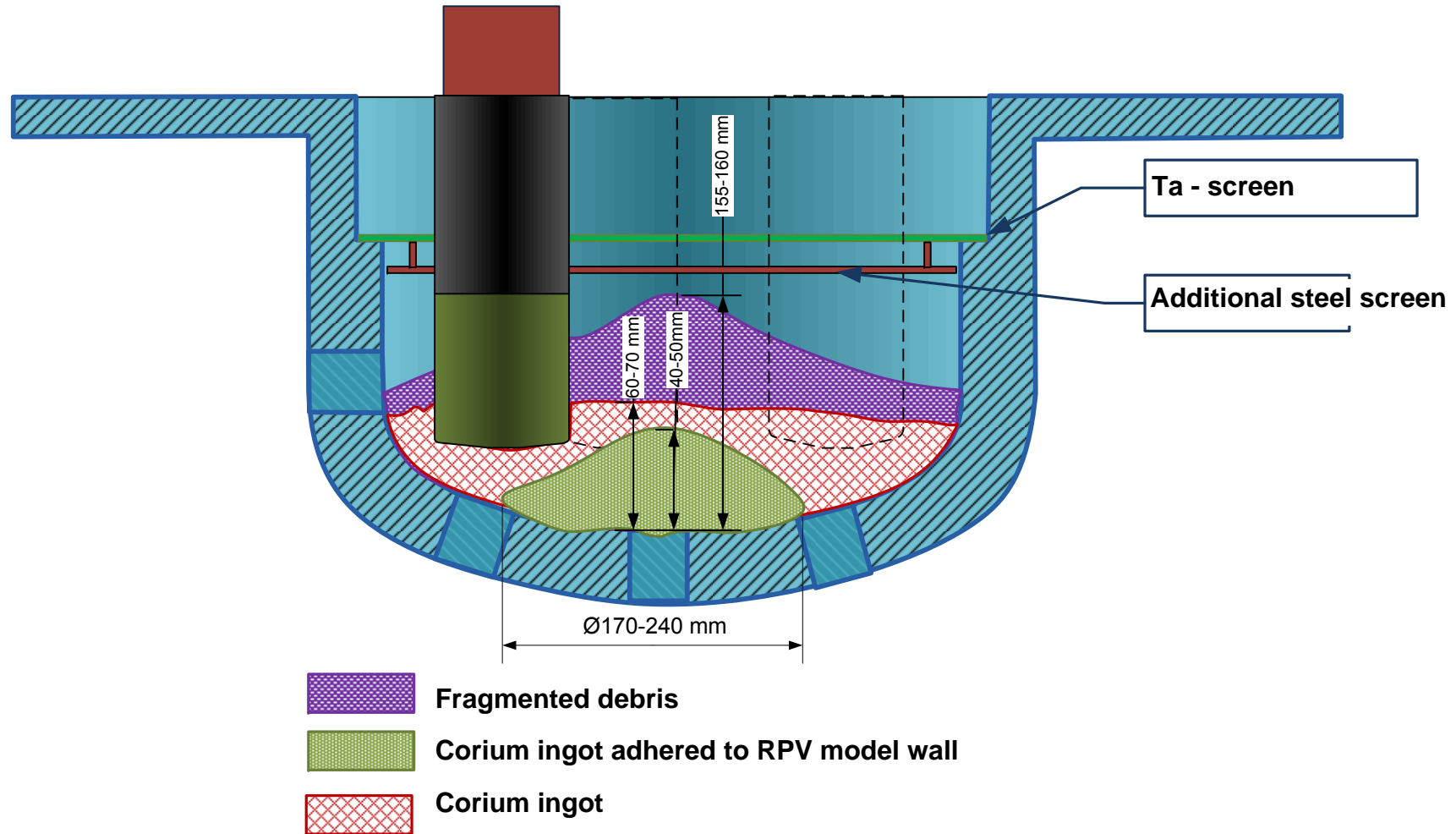


- | | | |
|-------------------|--------|--------|
| MDT.11 | MDT.12 | MDT.13 |
| MDT.14 | MDT.21 | MDT.22 |
| MDT.24 | MDT.31 | MDT.32 |
| MDT.33 | MDT.34 | MDT.41 |
| MDT.42 | MDT.43 | MDT.44 |
| Plasmatrons power | | |



- Temperature of Ta – screen
 - Temperature of cooling water
 - MTD.73
- Temperature of SS housing outside graphite felt (RPV thermal insulation)
 - MDT.111
 - Plasmatrone power

Solidified Debris location in RPV model



Temperature of corium melt before its discharging into test section was - 2620 °C.

Initial corium mass was- 60 kg.

Mass of fragmented debris is 27,5 kg (3,5 kg of fragmented corium got stuck in the guiding cone above RPV model).

Mass of solidified corium ingot extracted from test section is 27,8 kg.

Mass of corium ingot adhered to RPV model wall is about 3,5...4.0 kg.

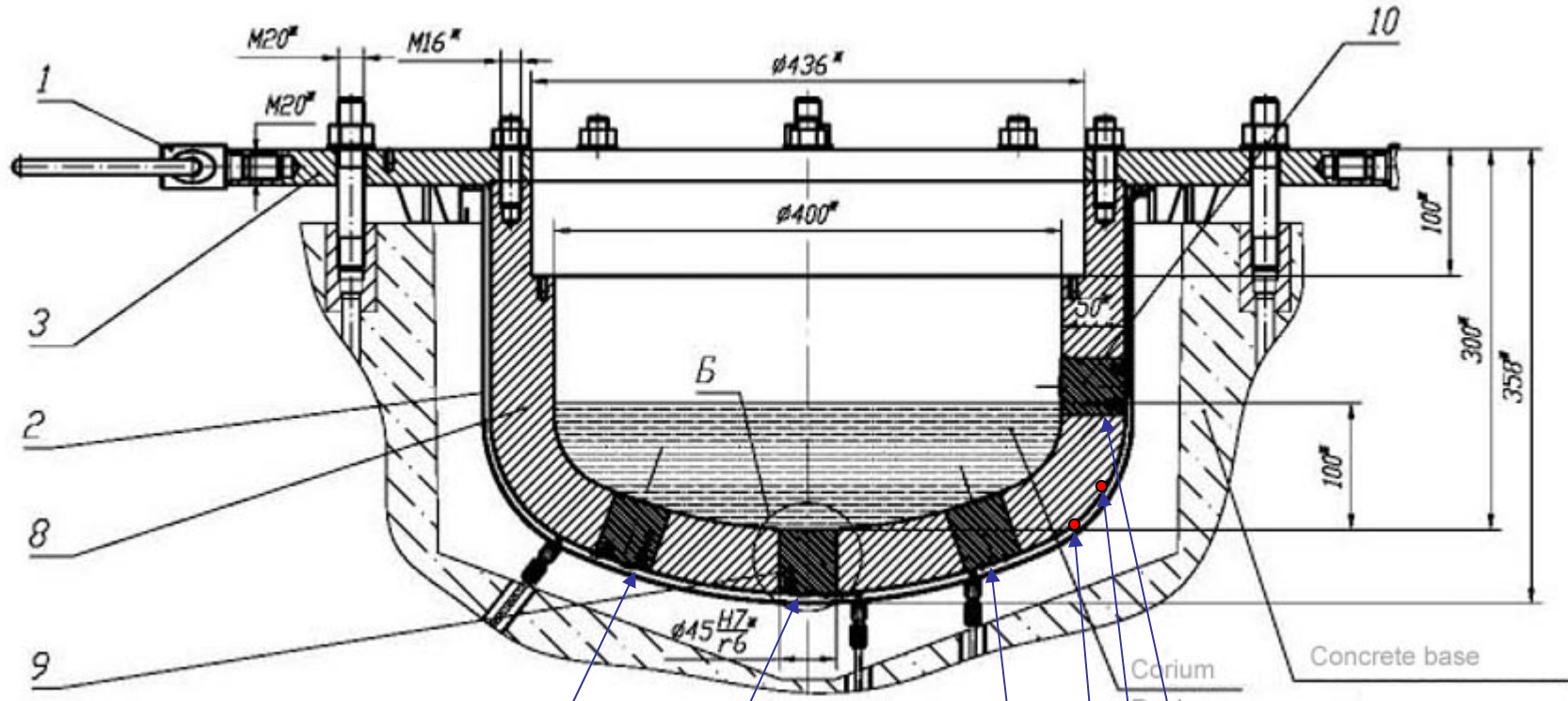
Additional steel screen was strongly degraded during the test (but not dropped on corium pool).

Time of plasmatrons operation was 2 hours.

Pre-heating temperature of RPV model wall was about 260 °C.

Time of temperature of RPV model wall above 1000 °C was longer than 2 hours (including cooling stage).

Thermocouples placement in the RPV model wall



Bottom of the model (between two plasmatrons end faces)

- MDT.41 – 20 mm from the inner surface
- MDT.42 – 30 mm from the inner surface
- MDT.43 – 38 mm from the inner surface
- MDT.44 – outer surface (50 mm from the interface)

Bottom of the model (center of the bottom)

- MDT.31 – 20 mm from the inner surface
- MDT.32 – 30 mm from the inner surface
- MDT.33 – 38 mm from the inner surface
- MDT.34 – outer surface (50 mm from the interface)

Lateral wall of RPV model

- MDT.11 – 20 mm from the inner surface
- MDT.12 – 30 mm from the inner surface
- MDT.13 – 38 mm from the inner surface
- MDT.14 – outer surface (50 mm from the interface)

Lateral wall of RPV model

- MDT.73 – outer surface (50 mm from the interface)

Lateral wall of RPV model

- MDT.111 – outer surface (50 mm from the interface)

Bottom of the model (just under plasmatrons end face)

- MDT.21 – 20 mm from the inner surface
- MDT.22 – 30 mm from the inner surface
- MDT.23 – 38 mm from the inner surface
- MDT.24 – outer surface (50 mm from the interface)