

Task 2.2: Status

Scope reminder:

- Study and Manufacture a 176MHz 192kW CW SSA Amplifier for the RFQ
 - With a focus on very high reliability and compactness

Achievements:

- Manufacturing of the 192 kW SSA (2 x 96 kW cabinets + external combiner)
- Testing of each cabinet on matched load
- Delivery and integration at UCL/CRC
- First commissioning of the complete SSA on matched load

Still to be done:

- Complete the commissioning on matched load
- Conduct the commissioning on mismatched load and short-circuit
- Perform significant run tests for reliability assessment
- Fine tuning of the local control system