

Elettra RF System Upgrade: Commissioning and Operation of the 500 MHz 150 kW Plant

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The first phase of the upgrade of the RF System of Elettra is completed. The 500 MHz 150 kW cw plant has been installed and is in operation on the machine. The 150 kW amplifier is based on the combination of two 80 kW IOTs. After a recall of the targets of the project, this presentation gives a review of the performances of the system and reports on the experience during the commissioning and operation of the new plant.

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