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Operation status and future plan of the SRF module at NSRRC

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NSRRC in Taiwan houses two light sources: Taiwan Light Source (TLS) and Taiwan Photon Source (TPS). TLS has an electron energy of 1.5 GeV and a beam current of 360 mA, while TPS has an electron energy of 3.0 GeV and a beam current of 500 mA. Both light sources use SRF modules as their accelerating cavities. These SRF modules have been in operation for approximately 18 and 7 years for TLS and TPS, respectively. In this report, we will present the current operation status of these SRF modules, as well as the future plans for the SRF modules in TPS.

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