

PIP-II IT HWR - Issues

| # | Tracker | Status | Priority | Subject | Assignee | Updated |
|-------|---------|----------|-----------|--|--------------------------|---------------------|
| 25603 | Feature | New | Normal | Quench Detection and RF overdrive Protection | Philip Varghese | 03/10/2021 09:01 AM |
| 25437 | Bug | New | High | Simultaneous operation of Labview Screens | Shrividhyaa Sankar Raman | 01/26/2021 03:35 PM |
| 25159 | Bug | Resolved | Normal | Beam Synchronization | | 01/25/2021 11:50 AM |
| 25135 | Bug | New | Normal | QL measurement plot denotes that the RF is not turned off. | | 11/09/2020 08:33 AM |
| 25134 | Bug | New | Normal | Move Beam Sync button on LV to the Controls page and the Cav Sim button to an expert's page. | | 10/27/2020 09:37 AM |
| 25132 | Bug | New | Normal | The triggers for LLRF HWR are running off user defined clock events. This must be changed to 2F. | | 10/27/2020 09:34 AM |
| 25131 | Task | New | Normal | ACNET Parameters when changed must set off an alarm to indicate values have been changed. | | 10/27/2020 09:25 AM |
| 25130 | Bug | New | Normal | Description for the ACNET devices starts with C1 and must be HWR1. | | 10/27/2020 09:23 AM |
| 25129 | Bug | New | Normal | Fwd and Rev Magnitudes are currently in Watt. Must be changed to kWatts. | | 10/27/2020 09:22 AM |
| 25024 | Feature | Resolved | Normal | Reference amplitude and phase | Shrividhyaa Sankar Raman | 11/02/2020 03:17 PM |
| 24921 | Feature | Resolved | Normal | Beam Loading Compensation and DAQ modes | Philip Varghese | 01/25/2021 12:00 PM |
| 24914 | Meeting | New | Normal | HWR Cleanup | Shrividhyaa Sankar Raman | 09/04/2020 11:56 AM |
| 24901 | Bug | New | Normal | Save Data Frequency Tracking Units | | 09/02/2020 09:12 AM |
| 24896 | Task | New | Normal | HWR GDR Mode Turn-On procedure and sotware changes | Shrividhyaa Sankar Raman | 09/01/2020 03:07 PM |
| 24884 | Bug | Resolved | Normal | Labview gain limits | Philip Varghese | 01/27/2021 12:14 PM |
| 24882 | Feature | New | Normal | Addition of saved waveform options to LV | | 08/28/2020 07:55 AM |
| 24881 | Bug | New | High | PIP2IT System crashes | Shrividhyaa Sankar Raman | 08/28/2020 05:25 AM |
| 24880 | Task | New | Normal | Data capture of Frequency error data for HWR Cavities | John Dusatko | 08/28/2020 05:18 AM |
| 24879 | Bug | Resolved | Immediate | Network mask for HWR and SSR1 (other?) | | 01/25/2021 12:02 PM |
| 24816 | Bug | New | Normal | Detune computation for Resonance Control | Philip Varghese | 08/27/2020 11:57 AM |
| 24807 | Feature | New | Low | We need to integrate Python into the Labview environment so that we can run python scripts from LV and return values to LV | Shrividhyaa Sankar Raman | 08/17/2020 01:27 PM |
| 24775 | Task | New | Normal | Priorities for HWR | | 08/31/2020 11:41 AM |
| 24772 | Task | Resolved | Normal | Cavity 6 drive cable | Daniel Klepec | 08/13/2020 01:23 PM |
| 24771 | Feature | New | Normal | Detune block error signal | | 08/12/2020 08:59 PM |
| 24770 | Bug | New | Normal | Glitch in waveforms | | 08/12/2020 08:54 PM |
| 24769 | Bug | New | Normal | Status flags | Shrividhyaa Sankar Raman | 08/12/2020 08:53 PM |
| 24755 | Bug | New | Normal | Complete Travelers for HWR | | 08/11/2020 01:40 PM |
| 24754 | Task | Resolved | Urgent | Remove & Repair HWR Pressure loop Signal conditioning chassis | Daniel Klepec | 08/13/2020 01:28 PM |
| 24737 | Feature | New | Normal | Pulse mode operation of HWR | Philip Varghese | 08/10/2020 09:00 AM |

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|-------|-----------|------------------|----------|--|--------------------------|---------------------|
| 24736 | Feature | Resolved | High | Connect, instrument and test Berkeley Detune and Quench Detection Block | | 01/27/2021 12:08 PM |
| 24735 | Feature | Resolved | Normal | Software and firmware support for external triggers | Philip Varghese | 08/10/2020 10:27 AM |
| 24734 | Task | Resolved | Normal | Documenting recent software changes for resonance control and other upgrades | Shrividhyaa Sankar Raman | 01/27/2021 12:07 PM |
| 24719 | Bug | Resolved | High | HWR System Intermittent Problems | | 08/09/2020 07:37 PM |
| 24711 | Bug | New | Normal | ADC alignment on start up | Philip Varghese | 08/04/2020 04:59 PM |
| 24646 | Bug | Resolved | Normal | Incorrect values at Pressure Transducer Readback | Shrividhyaa Sankar Raman | 11/18/2020 12:03 PM |
| 24622 | Feature | Resolved | Normal | Freq / Detune Error Button and Pressure Transducer Readback to be added to LV. | Shrividhyaa Sankar Raman | 08/09/2020 10:24 AM |
| 24620 | Bug | New | Normal | ADC's bitslip fail sometimes on reboot. | Philip Varghese | 07/10/2020 12:07 PM |
| 24597 | Task | Work in progress | Normal | Resonance controller needs diagnostics | Philip Varghese | 07/10/2020 11:56 AM |
| 24596 | Bug | Work in progress | Normal | Resonance control goes with the wrong controller | Philip Varghese | 07/10/2020 11:48 AM |
| 24593 | Bug | Resolved | Normal | HWR Resonance control cables | Philip Varghese | 08/09/2020 07:47 PM |
| 24587 | Task | Resolved | High | HWR start trigger cable termination | Daniel Klepec | 07/02/2020 08:24 AM |
| 24585 | Task | Resolved | High | HWR resonance control pressure set button is broken | Daniel Klepec | 07/02/2020 08:04 AM |
| 24584 | Task | New | Urgent | HWR startup procedure | Philip Varghese | 07/01/2020 09:59 AM |
| 24583 | Bug | New | Normal | HWR Cavity power and gradient calibration | | 07/10/2020 11:28 AM |
| 24581 | Bug | Resolved | High | Labview cavity number interface update | Shrividhyaa Sankar Raman | 07/22/2020 11:13 AM |
| 24578 | Task | Resolved | High | ACNET Connection | Shrividhyaa Sankar Raman | 01/27/2021 12:05 PM |
| 24577 | Bug | Resolved | Normal | HWR LabVIEW issues | Shrividhyaa Sankar Raman | 07/07/2020 08:36 AM |
| 24534 | Task | New | Normal | HWR LLRF System Testing | Philip Varghese | 06/19/2020 02:16 PM |
| 24523 | Task | Resolved | Normal | HWR 8 Channel Signal Conditioning Chassis | Daniel Klepec | 08/07/2020 03:24 PM |
| 24136 | Milestone | New | Normal | HWR Slow Tuner Testing at CMTF | Philip Varghese | 03/16/2020 04:58 PM |
| 24068 | Milestone | New | Normal | HWR Slow Tuner Installation | Philip Varghese | 02/19/2020 04:28 PM |
| 23959 | Task | New | High | HWR Resonance control system | Philip Varghese | 02/16/2020 11:05 PM |
| 23896 | Task | New | Normal | Argonne Resonance Controller Troubleshooting & Modifications | | 01/15/2020 11:44 AM |
| 23819 | Feature | New | Normal | Support for CW RF and pulsed beam | Philip Varghese | 05/13/2020 12:23 PM |
| 23818 | Bug | New | Normal | Quench detection interface to RF Enable logic in Controller | Philip Varghese | 12/31/2019 10:55 AM |
| 23814 | Milestone | Resolved | Normal | SPI DAC Driver Testing | | 01/27/2021 12:04 PM |
| 23593 | Milestone | Resolved | Normal | LLRF Controller Installation | | 01/27/2021 12:02 PM |
| 23590 | Task | Resolved | Normal | SSR1 Testing | Shrividhyaa Sankar Raman | 01/27/2021 12:00 PM |
| 23589 | Task | Resolved | Normal | HWR Software Development and Testing | Shrividhyaa Sankar Raman | 01/27/2021 11:59 AM |
| 23588 | Task | New | High | Develop the requirements traceability spreadsheet | Brian Chase | 11/12/2019 02:45 PM |
| 23586 | Task | Resolved | High | Buy connectors and for connections between HWR and Resonance control chassis. | Shrividhyaa Sankar Raman | 01/27/2021 11:58 AM |
| 23398 | Meeting | New | Normal | HWR Worklist | | 10/08/2019 12:17 PM |