

## PIP-II IT HWR

	2021-3				2021-4				2021-5				2021-6				2021-7				2021-8							
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
<b>PIP-II IT HWR</b>	<b>PIP-II IT HWR</b>																											
HWR Worklist	New																											
HWR Software Development and Testing	Resolved																											
Buy connectors and for connections between (...)	Resolved																											
Develop the requirements traceability spreadsheet	New																											
SSR1 Testing	Resolved																											
LLRF Controller Installation	Resolved																											
SPI DAC Driver Testing	Resolved																											
Quench detection interface to RF Enable logic (...)	New																											
Support for CW RF and pulsed beam	New																											
Argonne Resonance Controller Troubleshooting (...)	New																											
HWR Resonance control system	New																											
HWR Slow Tuner Installation	New																											
HWR Slow Tuner Testing at CMTF	New																											
HWR 8 Channel Signal Conditioning Chassis (...)	Resolved																											
HWR LLRF System Testing	New																											
HWR Resonance control cables	Resolved																											
ADC's bit slip fail sometimes on reboot.	New																											
Freq / Detune Error Button and Pressure Transducer (...)	Resolved																											
Incorrect values at Pressure Transducer Readback	Resolved																											
HWR System Intermittent Problems	Resolved																											
Software and firmware support for external (...)	Resolved																											
Connect, instrument and test Berkeley Detune (...)	Resolved																											
Pulse mode operation of HWR	New																											
Remove & Repair HWR Pressure loop Signal (...)	Resolved																											
Complete Travelers for HWR	New																											
Cavity 6 drive cable	Resolved																											
Priorities for HWR	New																											

We need to integrate Python into the Labview (...)	New
Detune computation for Resonance Control	New
Network mask for HWR and SSR1 (other?)	Resolved
Data capture of Frequency error data for (...)	New
PIP2IT System crashes	New
HWR GDR Mode Turn-On procedure and sotware (...)	New
HWR Cleanup	New
Fwd and Rev Magnitudes are currently in Watt. (...)	New
Description for the ACNET devices starts (...)	New
ACNET Parameters when changed must set off (...)	New
The triggers for LLRF HWR are running off (...)	New
Move Beam Sync button on LV to the Controls (...)	New
QL measurement plot denotes that the RF is (...)	New
Beam Synchronization	Resolved
Simultaneous operation of Labview Screens	New
Quench Detection and RF overdrive Protection	New
IIRF-hwr-2cavity-firmware	
Resonance control goes with the wrong (...)	Work in progress
Resonance controller needs diagnostics	Work in progress
ADC alignment on start up	New
Detune block error signal	New
Beam Loading Compensation and DAQ modes (...)	Resolved
IIRF-hwr-2cavity-labview	
Addition of saved waveform options to (...)	New
Save Data Frequency Tracking Units	New
Reference amplitude and phase	Resolved
IIRF-hwr-8cav-fe-software	
Status flags	New
Glitch in waveforms	New
IIRF-HWR-fe-software	
HWR LabVIEW issues	Resolved
Labview cavity number interface update	Resolved
HWR Cavity power and gradient calibration	New
HWR startup procedure	New

<b>HWR resonance control pressure set button (...)</b>	<b>Resolved</b>
<b>HWR start trigger cable termination</b>	<b>Resolved</b>
<b>ACNET Connection</b>	<b>Resolved</b>
<b>Documenting recent software changes (...)</b>	<b>Resolved</b>
<b>Labview gain limits</b>	<b>Resolved</b>