PIP-II IT HWR - Feature #23819

Support for CW RF and pulsed beam

12/31/2019 11:11 AM - Philip Varghese

Status:	New		**Start date:**	12/31/2019
Priority:	Normal		**Due date:**	
Assignee:	Philip Varghese		**% Done:**	20%
Category:			**Estimated time:**	0.00 hour
Target version:			**Spent time:**	20.00 hours

Description
Beam loading compensation triggered by external trigger and high speed DAQ - a hybrid of the Pulse mode and CW mode DAQ already implemented.

History

#1 - 04/21/2020 12:58 PM - Philip Varghese

- File PIP-II ITBeamLoadingComp.pptx added

A discussion of features as implemented, possible methods and desired
features for a beam loading compensation scheme for PIP-II IT LLRF systems

#2 - 05/13/2020 12:23 PM - Philip Varghese

- % Done changed from 0 to 20

- File PIP-II ITCWBeamLoadingComp.pdf added

Discussion on possible implementation methods for CW Beam loading compensation,
DAQ synchronization and HWR Resonance control remaining tasks.

Files

PIP-II ITBeamLoadingComp.pptx	270 KB	04/21/2020		Philip Varghese
PIP-II ITCWBeamLoadingComp.pdf	1.01 MB	05/13/2020		Philip Varghese