RFQ LLRF - Bug #17508

Upgrade of MFC system for 20 Hz

08/16/2017 08:39 AM - Jonathan Edelen

Status:	Resolved	**Start date:**	08/16/2017
Priority:	Normal	**Due date:**	08/16/2017
Assignee:	Jonathan Edelen	**% Done:**	100%
Category:		**Estimated time:**	2.00 hours
Target version:		**Spent time:**	0.00 hour

Description

I have implemented a change to the front-end software for the MFC system to allow for 20 Hz operation in a stable fashion. The change was to reduce the number of points in the tables to 2120 from 5120. This will restrict the pulse width to 2.1 ms from 5 ms. The pulse width restriction occurs in the spreadsheet by limiting the flat-top time and the gate widths to 2.1 ms. The spreadsheet and code changes have been committed to cvs and the RFQ is now running production.