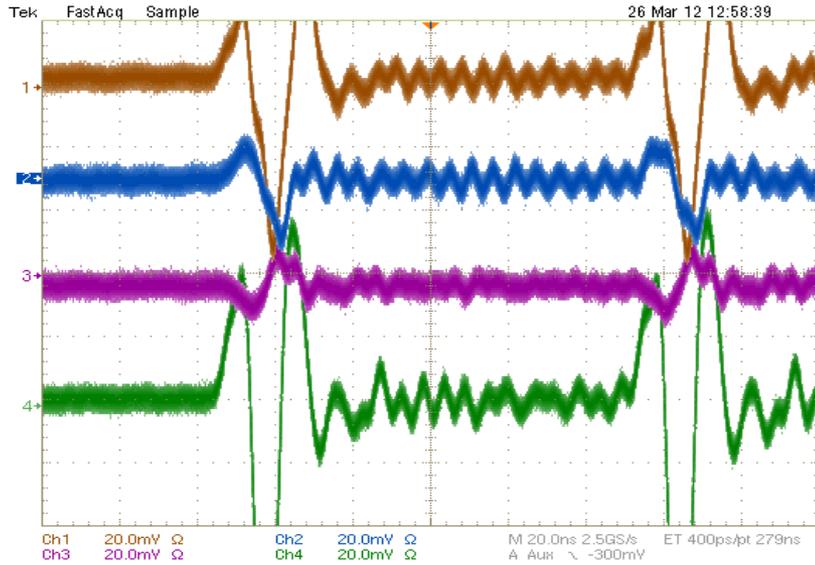


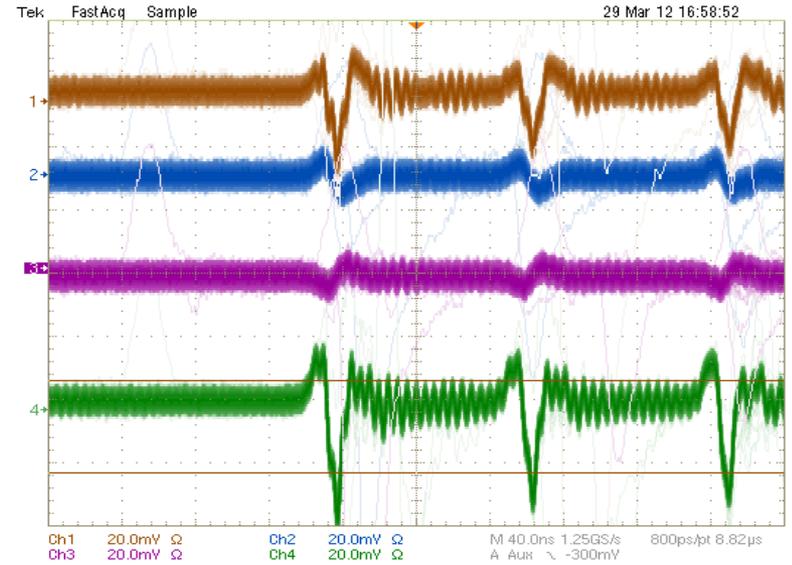
RF and beam induced pulse study (history)

- Before access March 14th: large RF pickup
- March 14th: yellow stochastic cooling loose wire (antenna) removed
- After access March 14th: RF pickup became much smaller
- Test bench in bldg. 930 showed large effect of outside RF on the preamps
- March 28th: during access all preamp input flanges wrapped with foil with control by outside antenna. Outside RF pickup reduction 3-5 times at least.
- After access March 28th: No change in RF pickup seen in real running
- March 30th: yellow stochastic cooling loose wire (antenna) returned back
- RF pickup came back but not as large as before – effect of wrapping

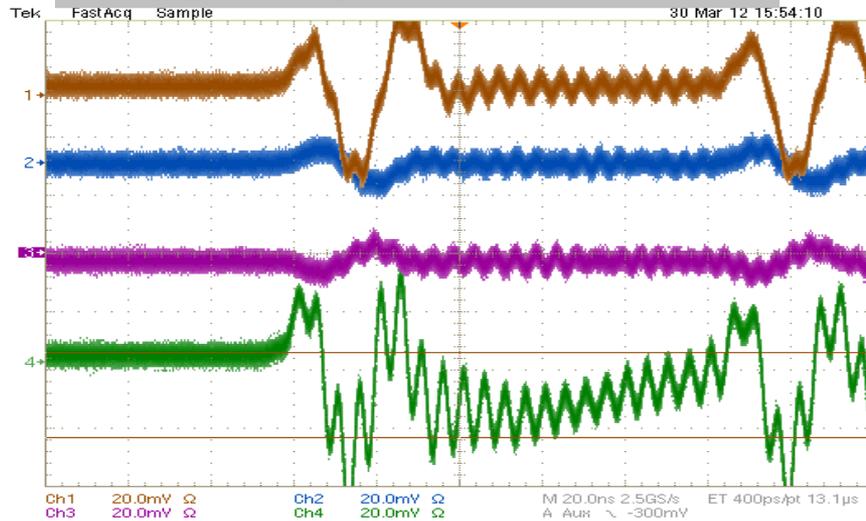
RF(197MHz)=20kV

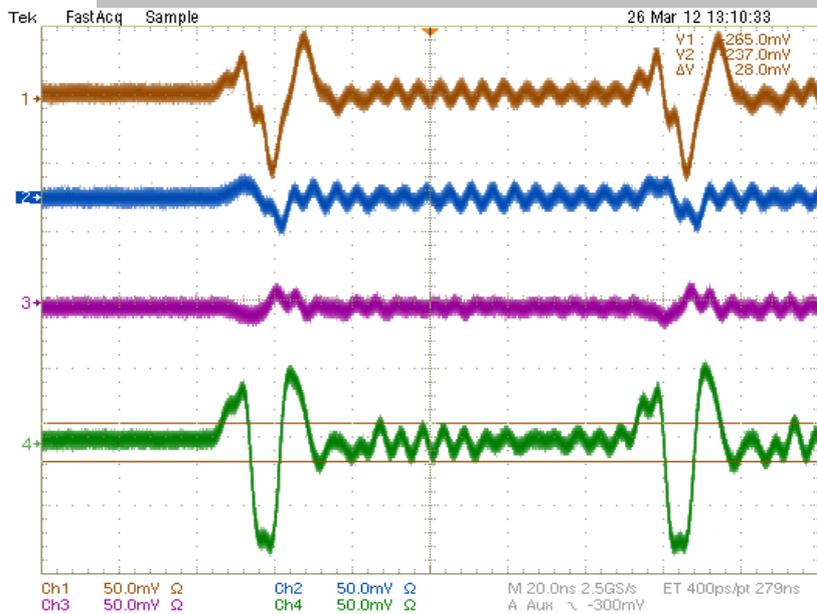
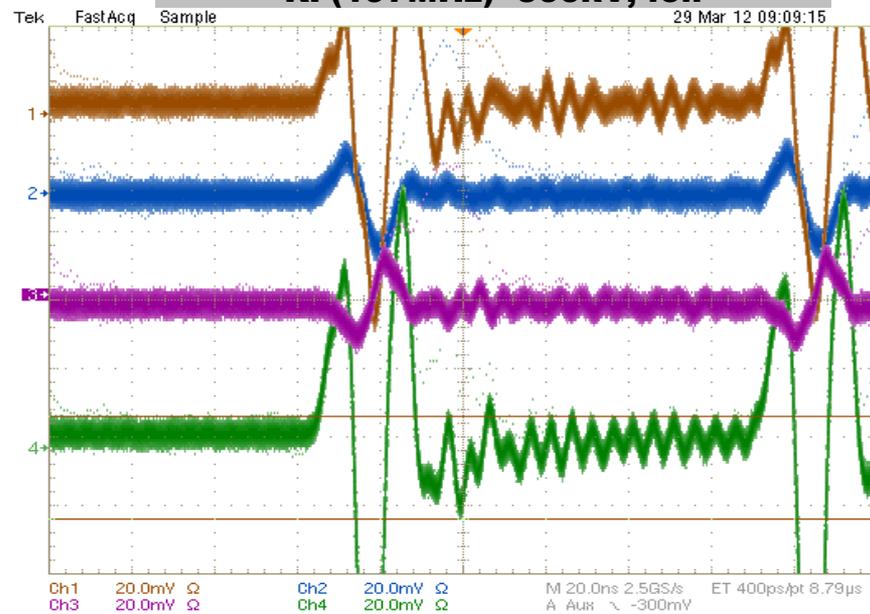


RF(197MHz)=10kV; foil



RF(197MHz)=20kV; antenna+foil



RF(197MHz)=300kV**RF(197MHz)=300kV; foil****RF(197MHz)=300kV; antenna+foil**