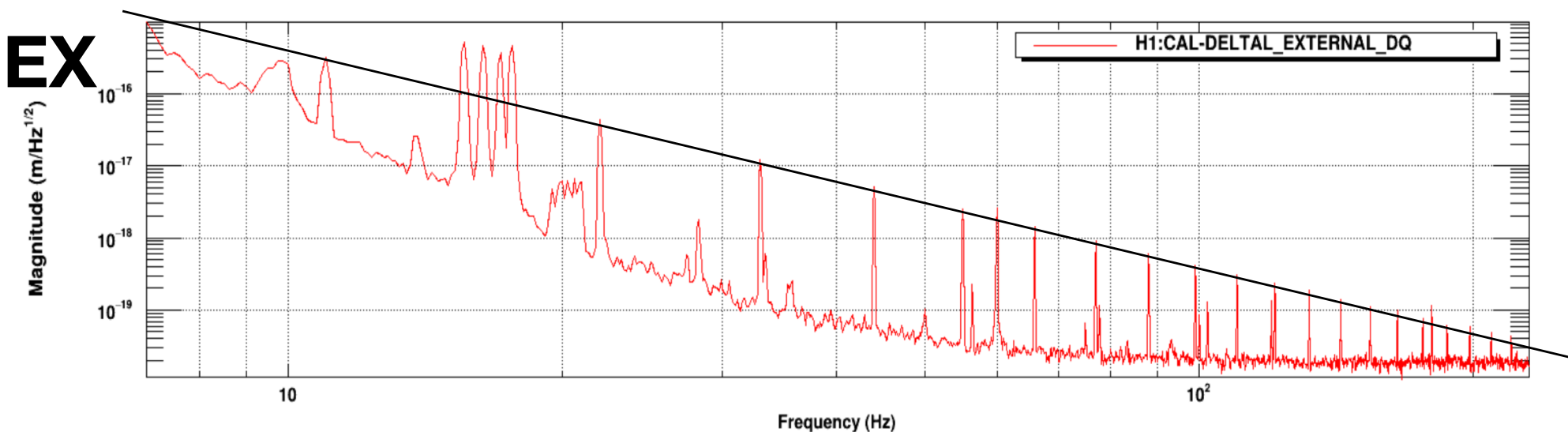


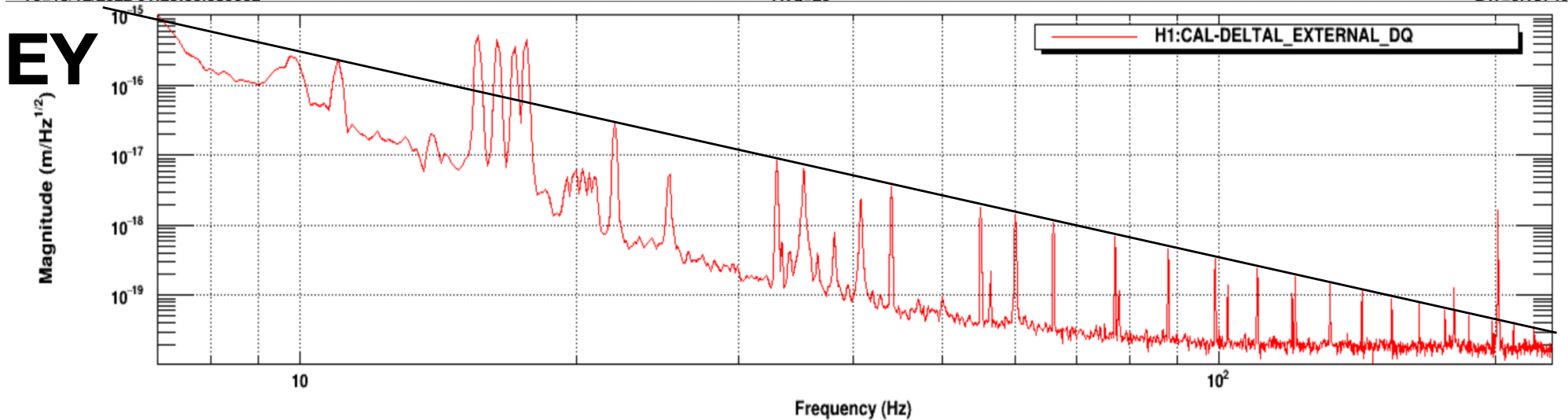
Injections of 11 Hz comb at EX and EY (same injector setting) , onto ISC Common chassis with return from cable tray. The $1/f^3$ slope in DARM is consistent with the $1/f$ slope in the current clamp monitor on the grounding cable. Peak height variation with bias is shown on next page



T0=15/12/2022 01:25:35.039062

Avg=20

BW=0.187499



T0=12/01/2023 19:11:50

Avg=20

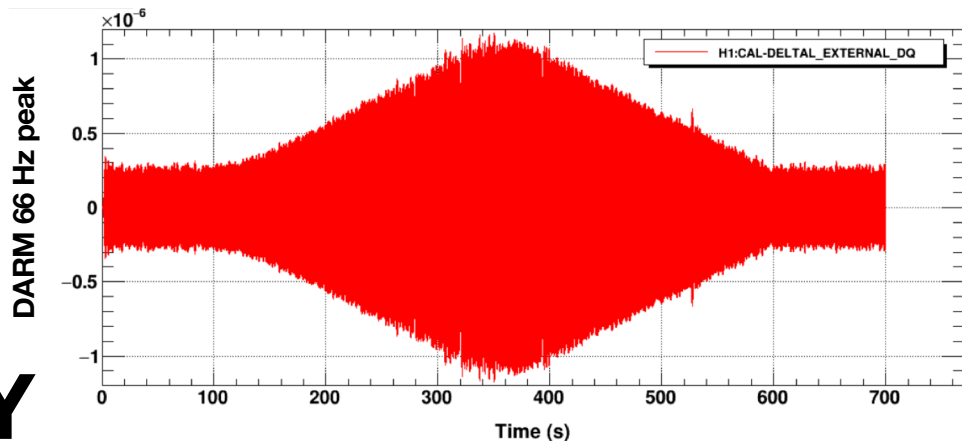
BW=0.187499

Time series of amplitude of 66 Hz peak in DARM from ground injection at EY as ESD bias is swept

65.5 to 66.5 band pass: `ellip("BandPass" 8, 1, 120, 65.5, 66.5)`

EY

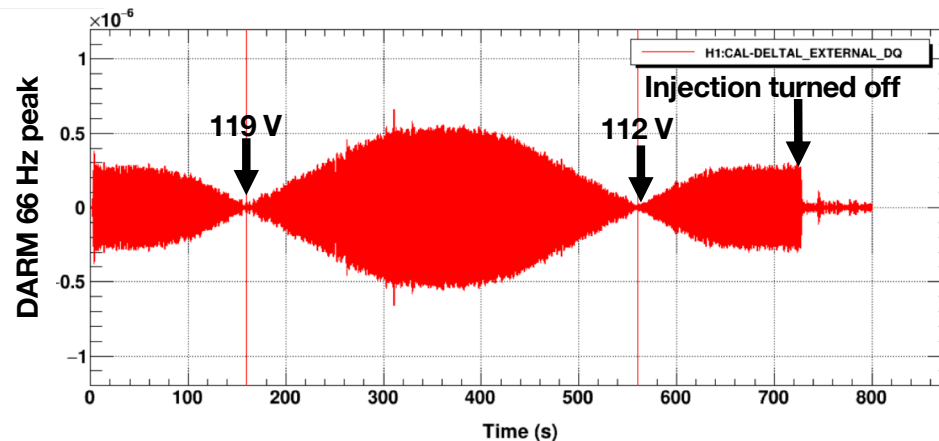
Sweep from nominal (-23 V) to -460V and back



T0=19/01/2023 00:05:00

Avg=1

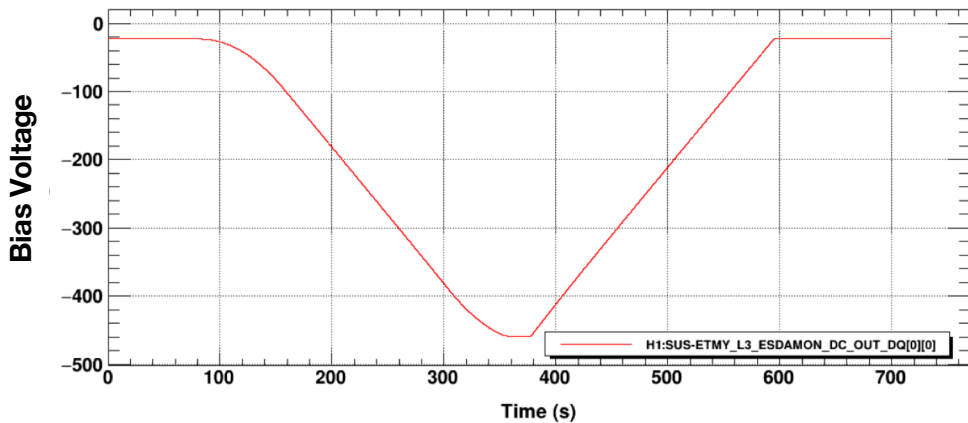
Sweep from nominal (-23 V) to +400V and back



T0=19/01/2023 02:53:00

Avg=1

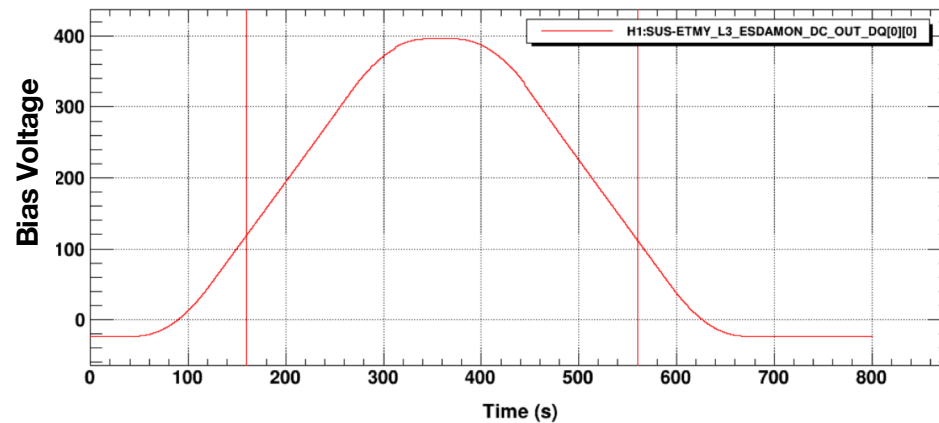
Time series



T0=19/01/2023 00:05:00

Avg=1

Time series

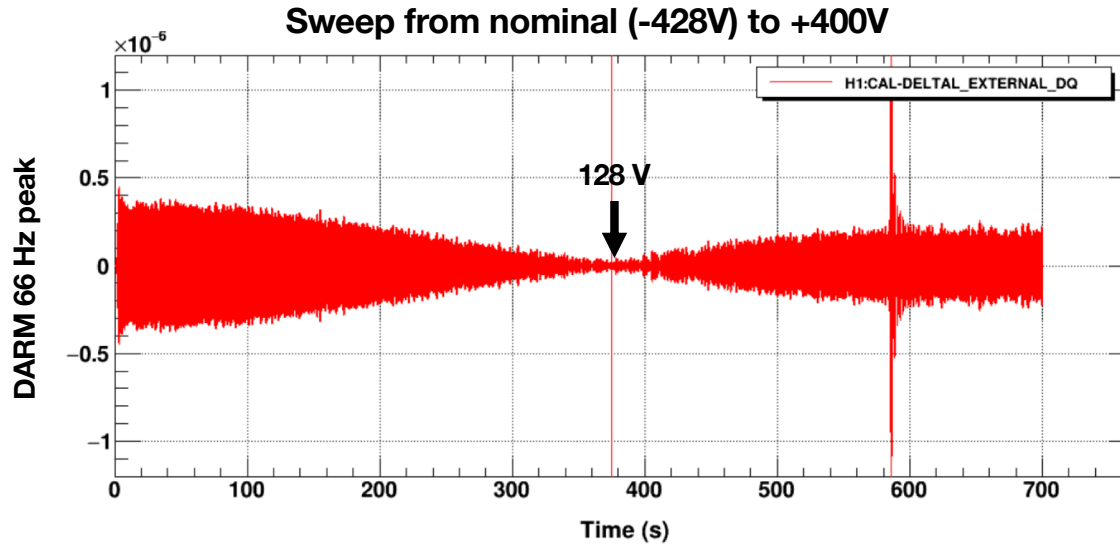


T0=19/01/2023 02:53:00

Avg=1

Time series of amplitude of 66 Hz peak in DARM from ground injection at EX as ESD bias is swept

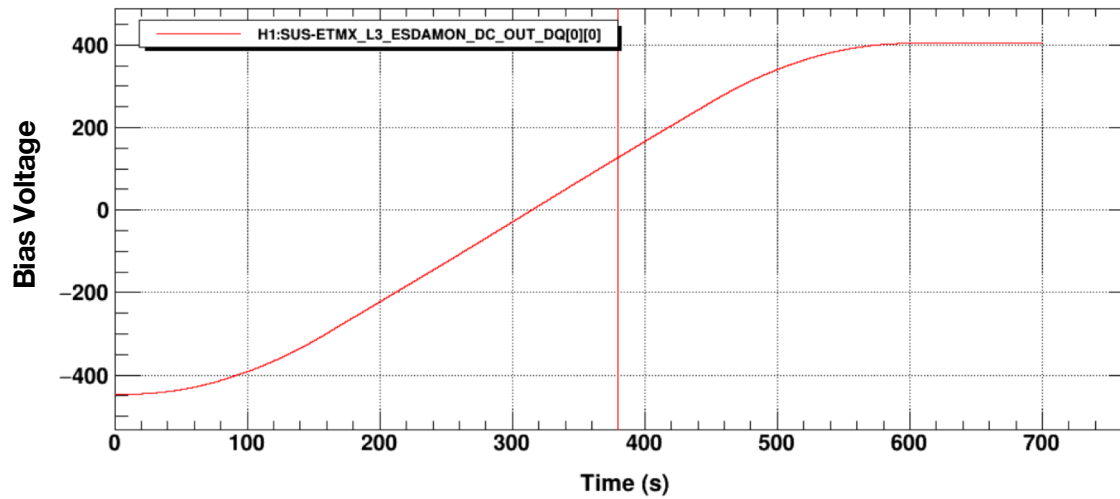
EX



T0=19/01/2023 18:34:19

Avg=1

Time series

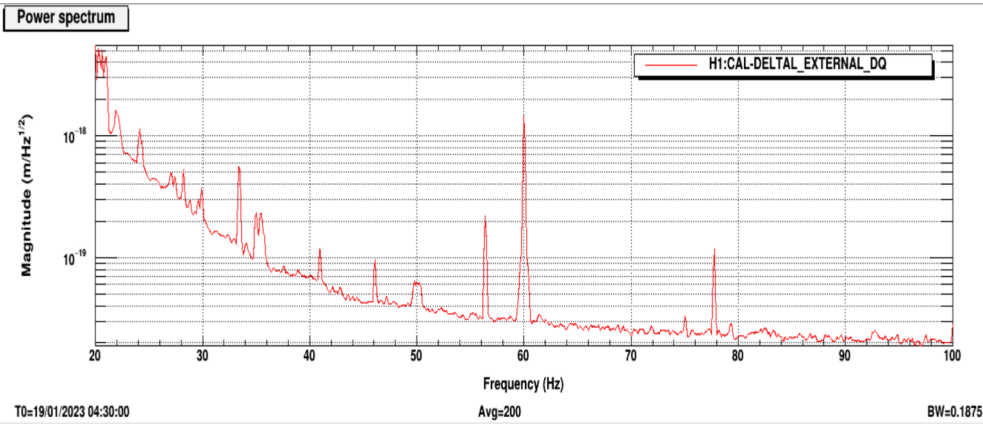


T0=19/01/2023 18:34:19

Avg=1

Coherence between DARM and current clamp on grounding cable at EY

Bias at nominal (-23 V)



Bias at approximate injection coupling minimum (+120V)

