Elaine Yeo, NTU SPMS PAP
Cover Page
2021-07-13, Eugene Choo
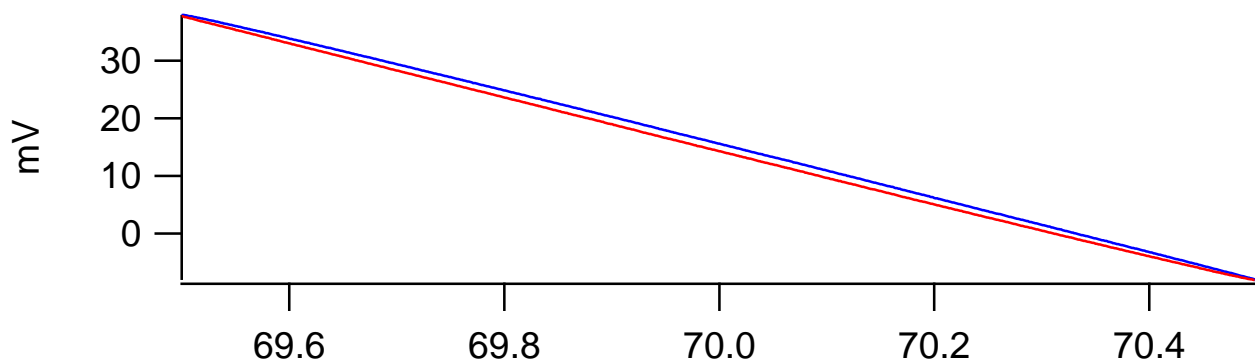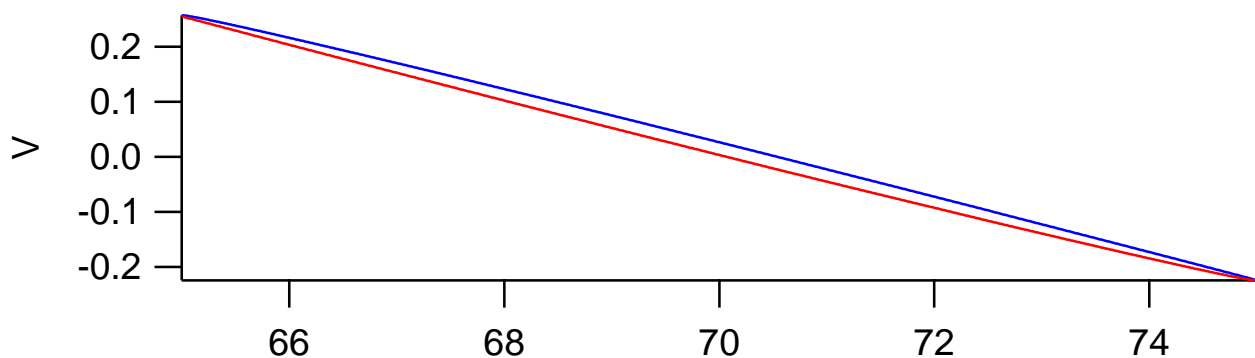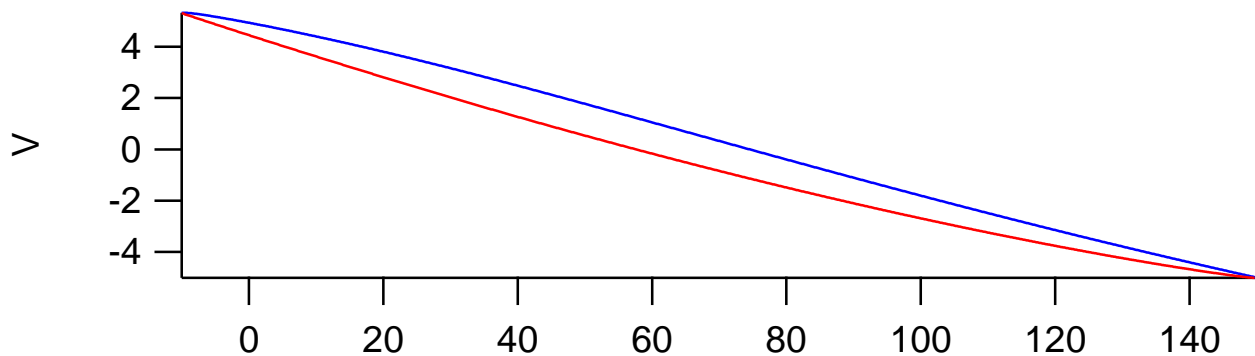
System Notes:

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XHysteresis
2021-07-13, Eugene Choo

Hysteresis at 160V: 4.06%

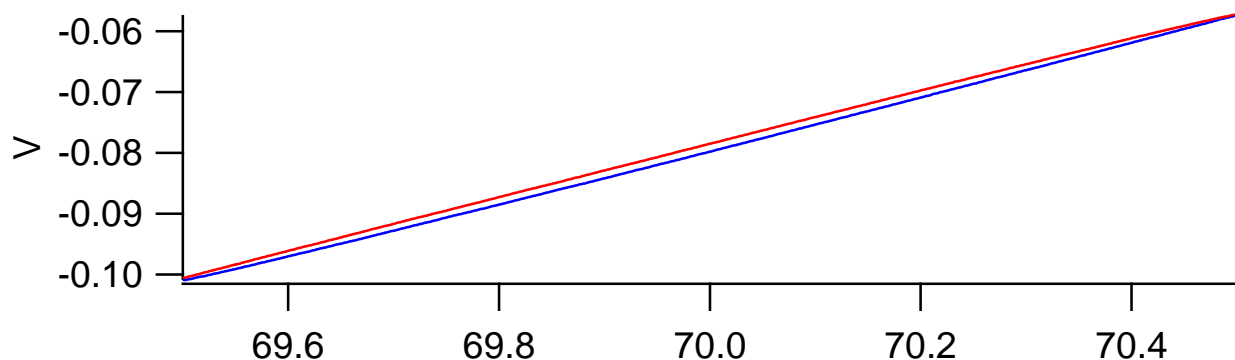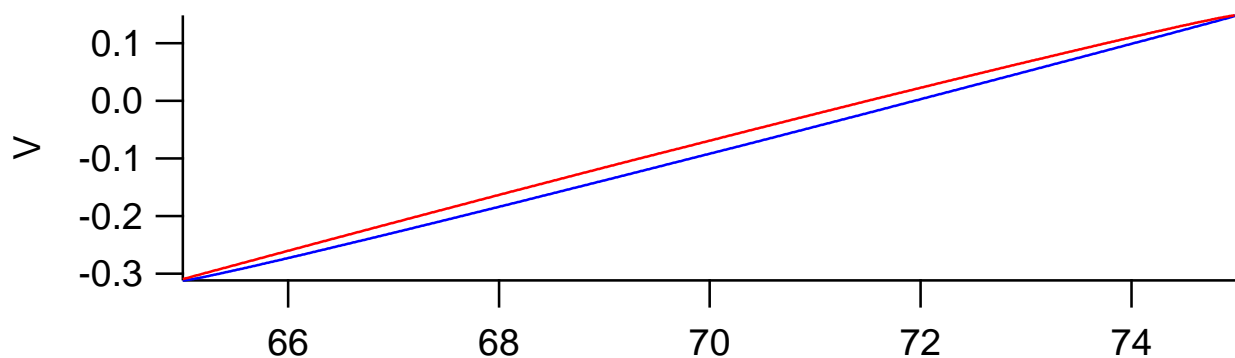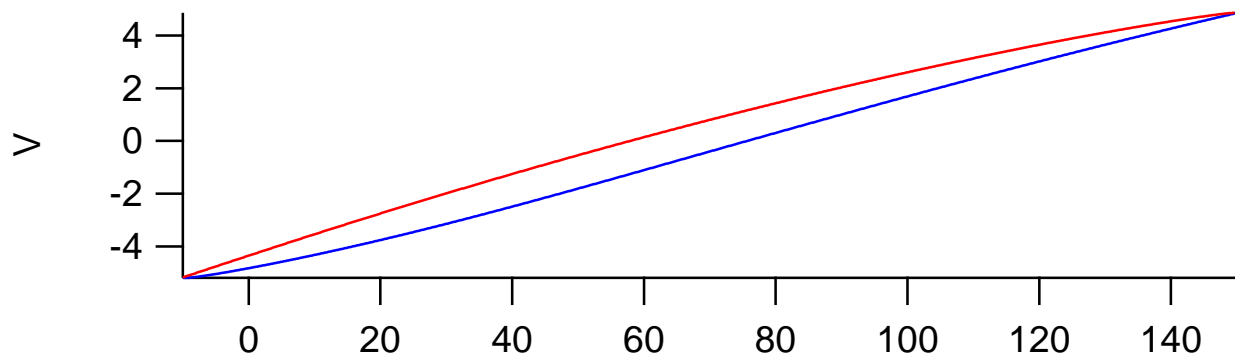Hysteresis at 10V: 1.80%

Hysteresis at 1V: 1.12%

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YHysteresis
2021-07-13, Eugene Choo

Hysteresis at 160V: 4.26%

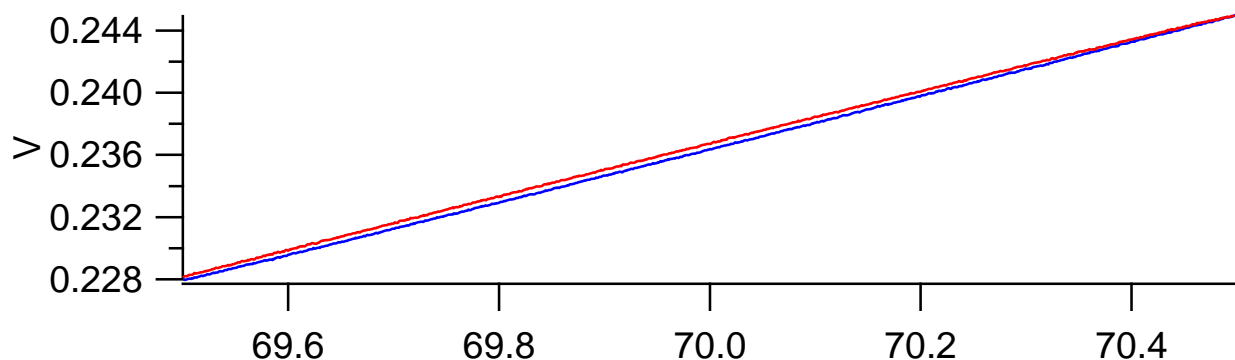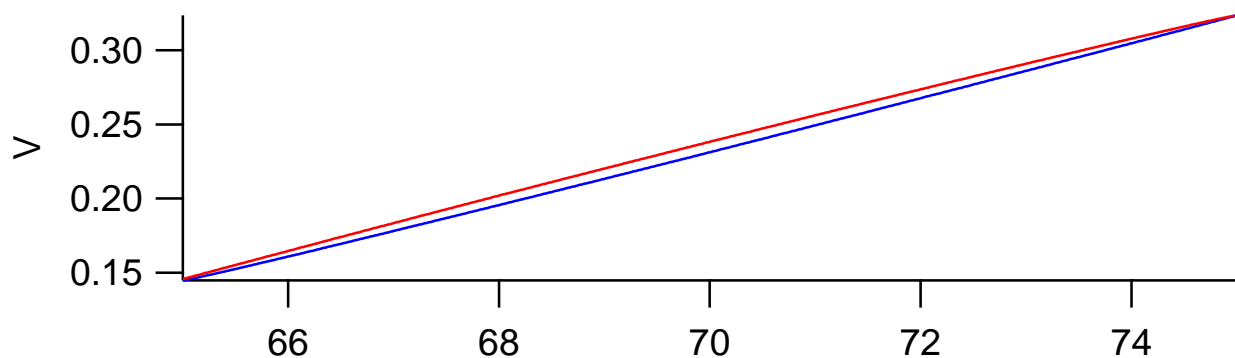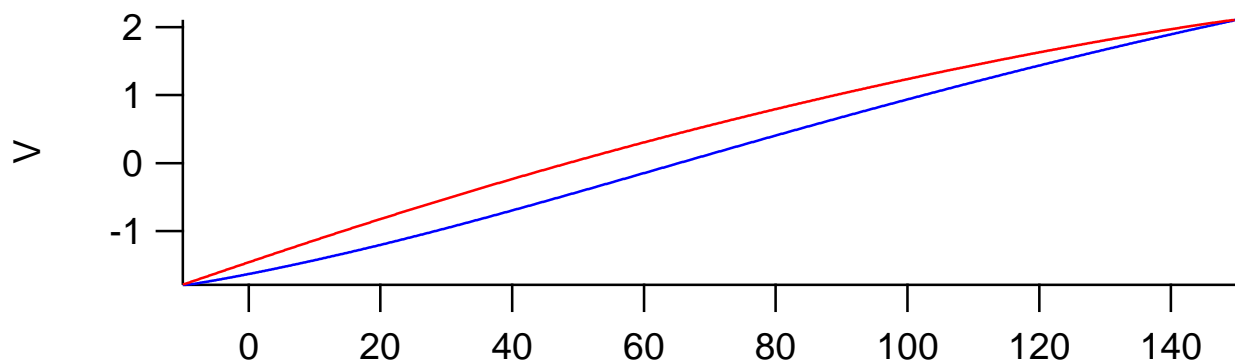Hysteresis at 10V: 1.85%

Hysteresis at 1V: 1.18%

Elaine Yeo, NTU SPMS PAP ZHysteresis
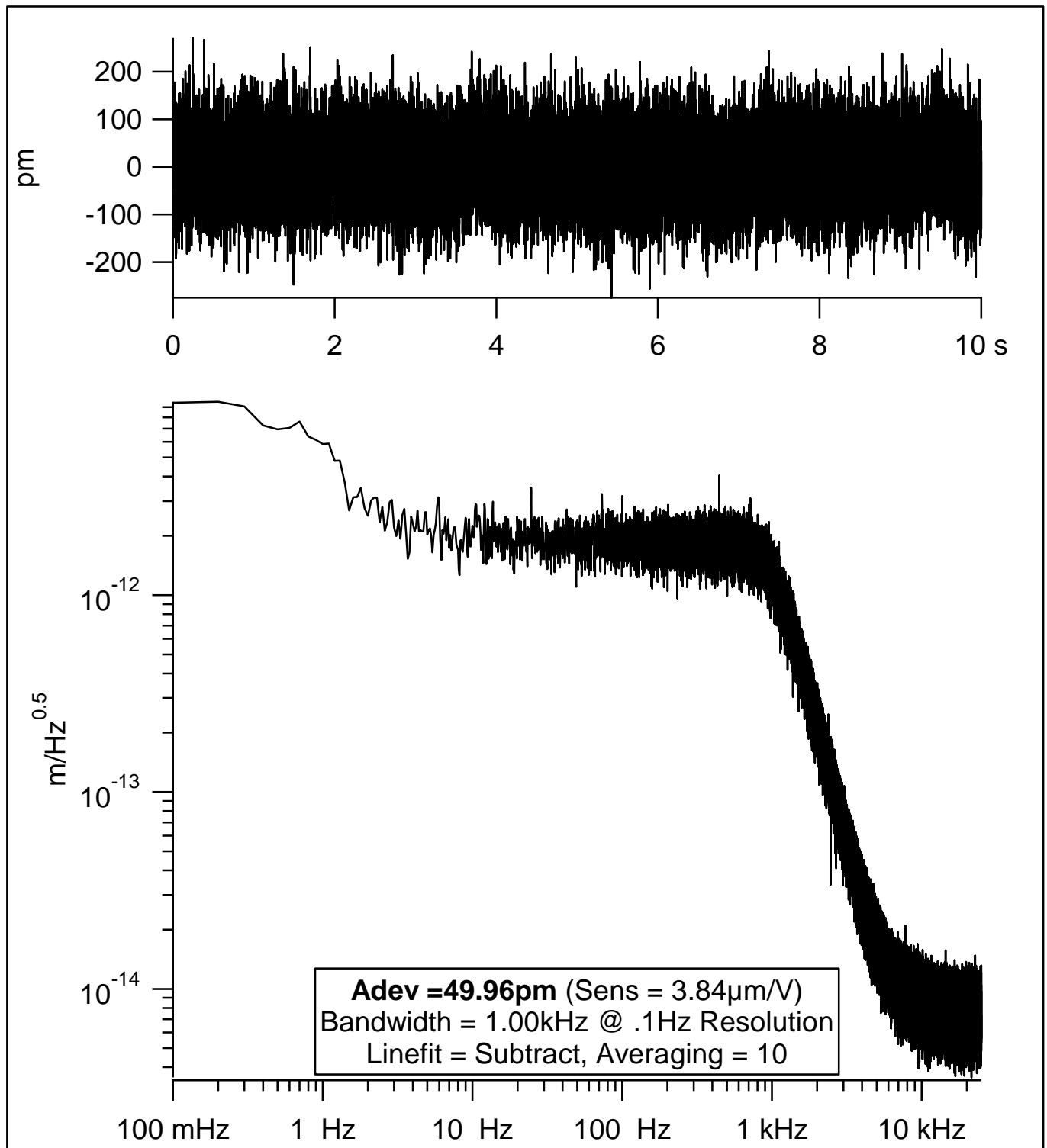## 2021-07-13, Eugene Choo

Hysteresis at 160V: 3.85%

Hysteresis at 10V: 1.44%

Hysteresis at 1V: 0.91%

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XSensor_70V0
2021-07-13, Eugene Choo

Adev =49.96pm (Sens = 3.84µm/V)
Bandwidth = 1.00kHz @ .1Hz Resolution
Linefit = Subtract, Averaging = 10

ASYLUM RESEARCH

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YSensor_70V0
2021-07-13, Eugene Choo

Adev =52.12pm (Sens = 3.98µm/V)
Bandwidth = 1.00kHz @ .1Hz Resolution
Linefit = Subtract, Averaging = 10

ASYLUM RESEARCH
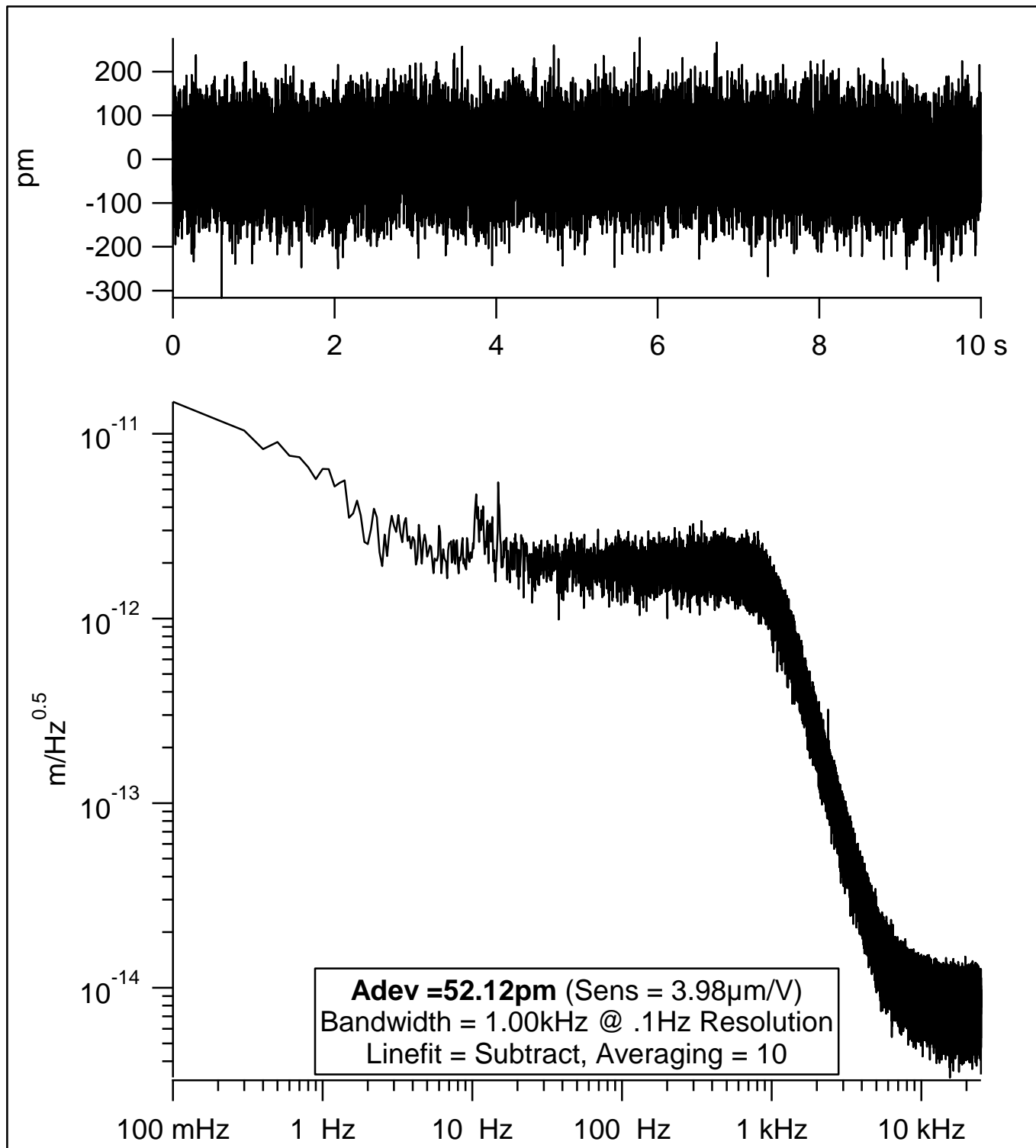
Elaine Yeo, NTU SPMS PAP
ZSensor_70V0
2021-07-13, Eugene Choo

Adev =40.92pm (Sens = 1.76µm/V)
Bandwidth = 1.00kHz @ .1Hz Resolution
Linefit = Subtract, Averaging = 10
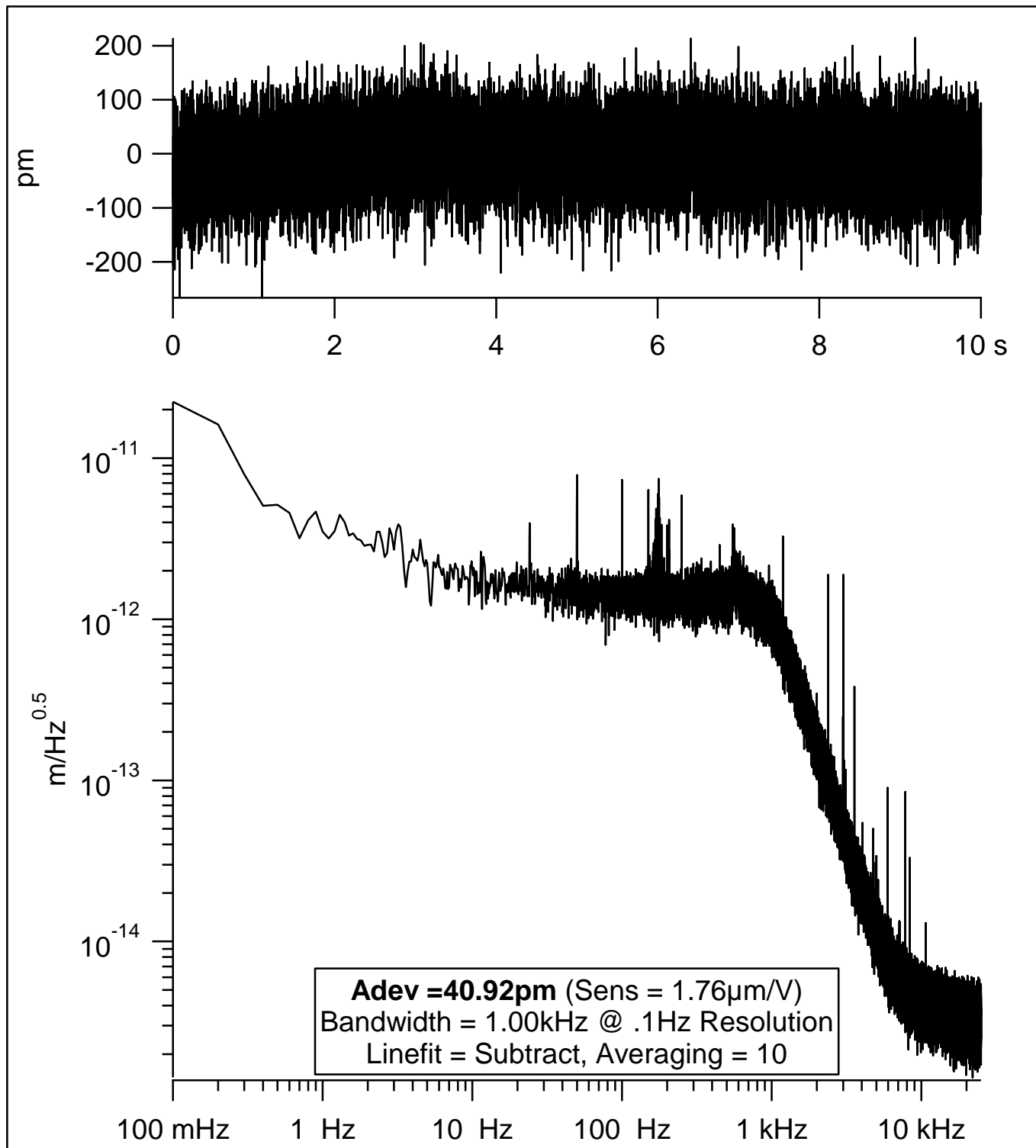
Elaine Yeo, NTU SPMS PAP
OffSurfDeflection0
2021-07-13, Eugene Choo

Adev =4.98pm (Sens = 15.92nm/V)
Bandwidth = 1.00kHz @ .1Hz Resolution
Linefit = Subtract, Averaging = 10

ASYLUM RESEARCH
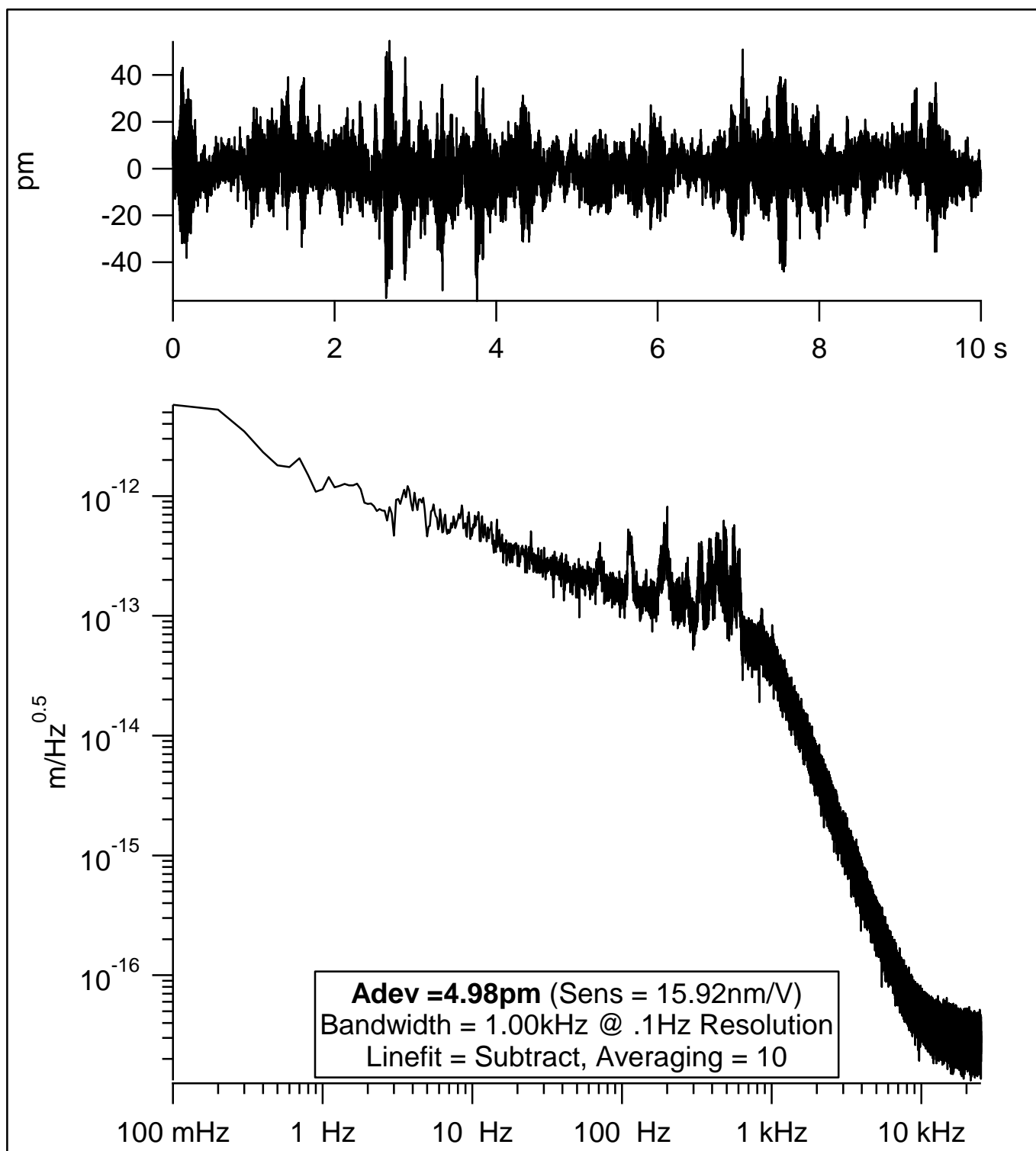
Elaine Yeo, NTU SPMS PAP
OnSurfDeflection0
2021-07-13, Eugene Choo

Adev =12.20pm (Sens = 15.92nm/V)
Bandwidth = 1.00kHz @ .1Hz Resolution
Linefit = Subtract, Averaging = 10
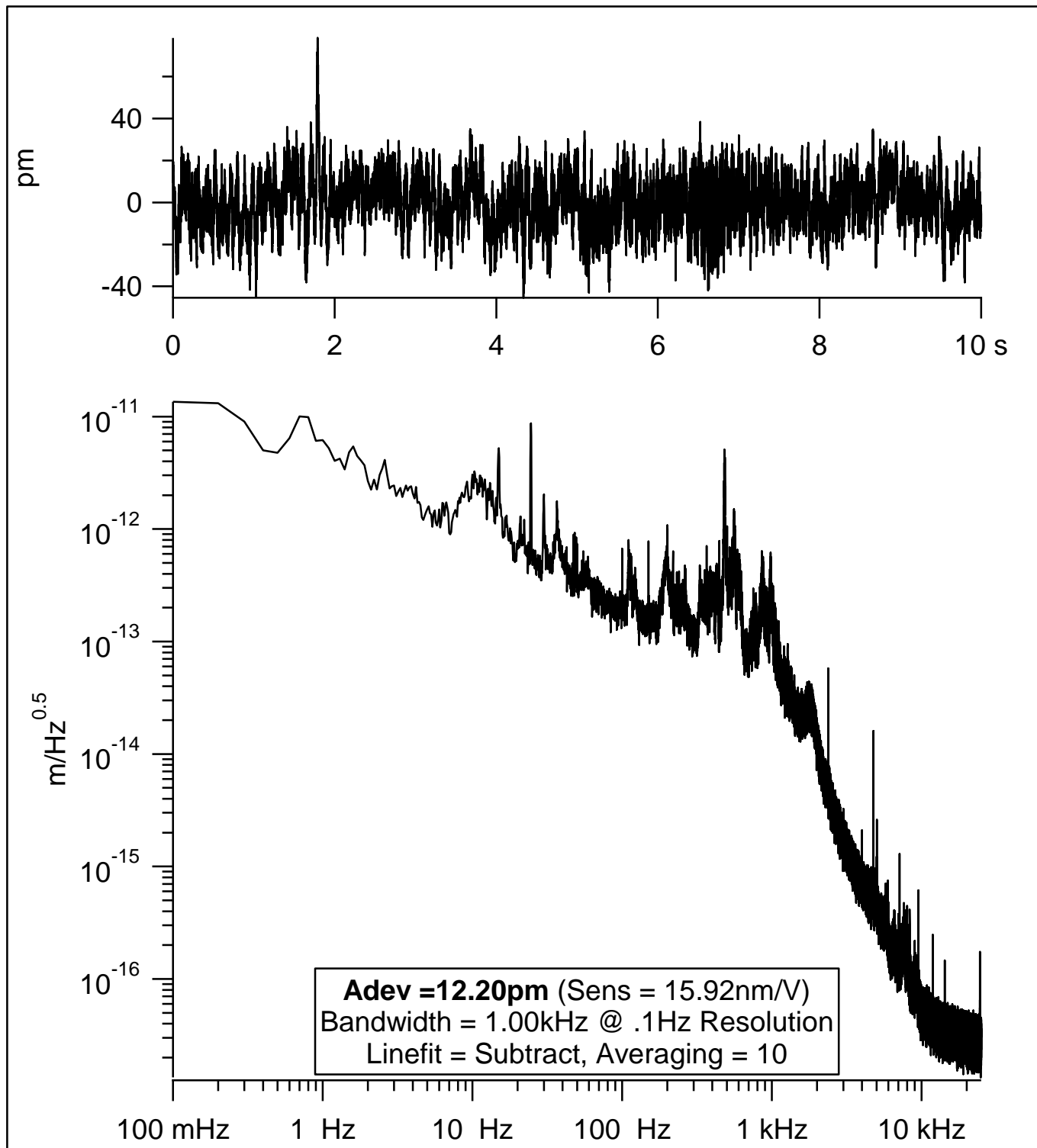
Elaine Yeo, NTU SPMS PAP
Image0000
2021-07-13, Eugene Choo

Height

nm
80.0

0.00

-80.0

6µm

Amplitude

nm
9.28

8.73

8.18

6µm

Phase

ASYLUM RESEARCH
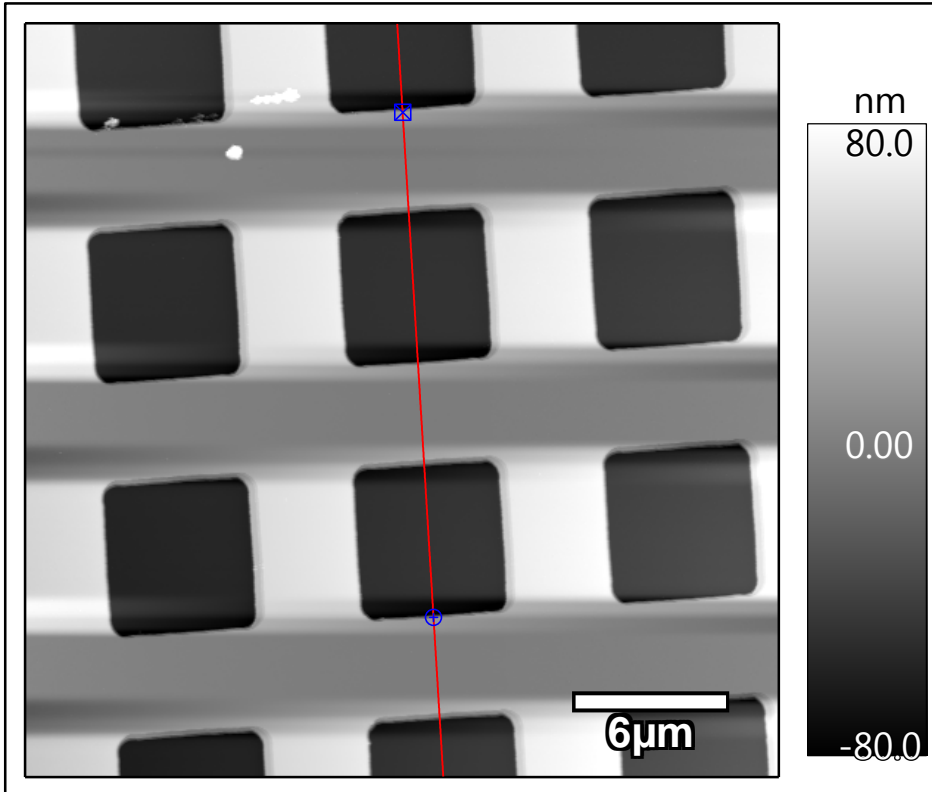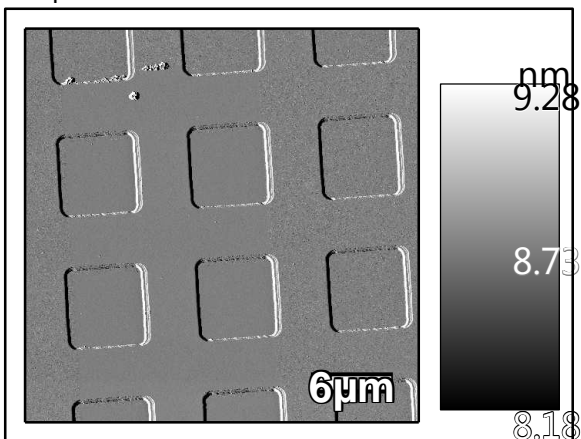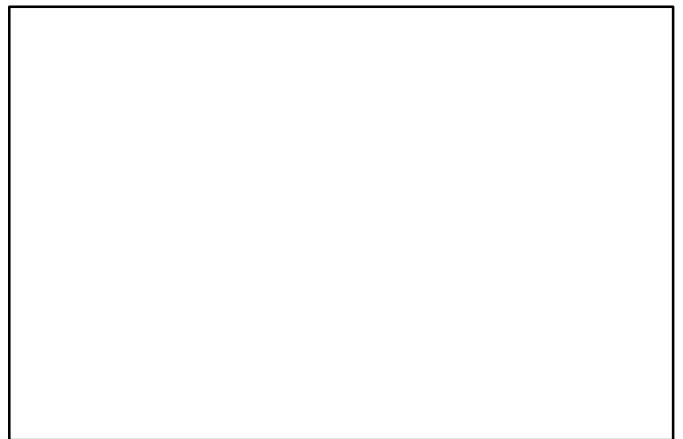
Elaine Yeo, NTU SPMS PAP
Image0001
2021-07-13, Eugene Choo

Height

nm
80.0

0.00

-80.0

2µm

Amplitude

nm
9.24

8.69

8.14

2µm
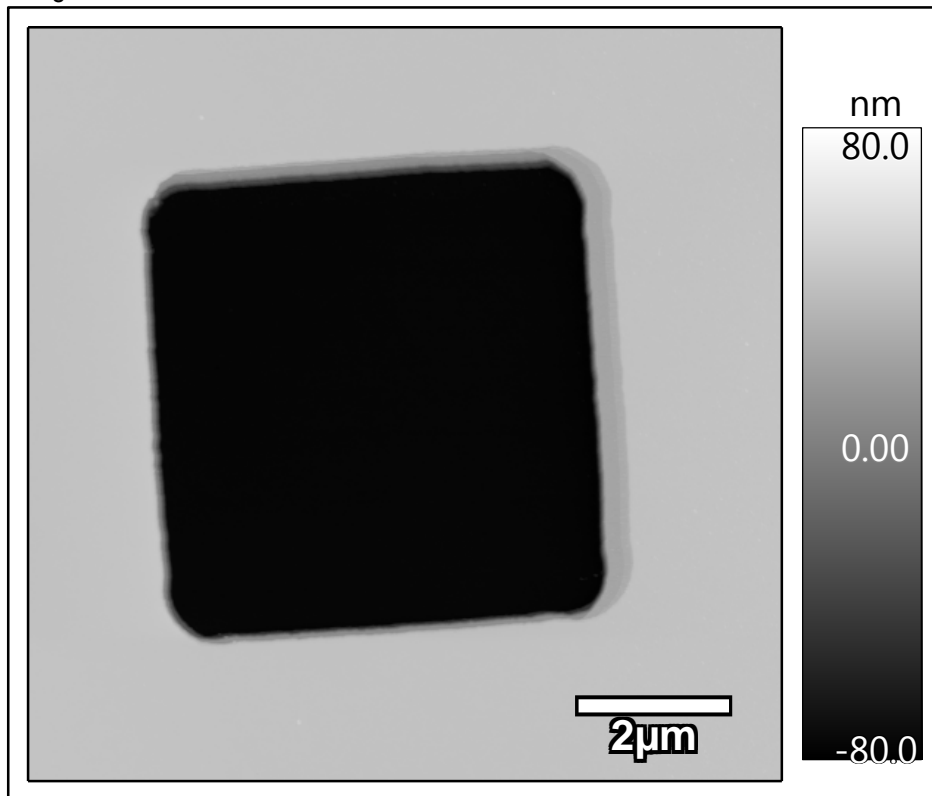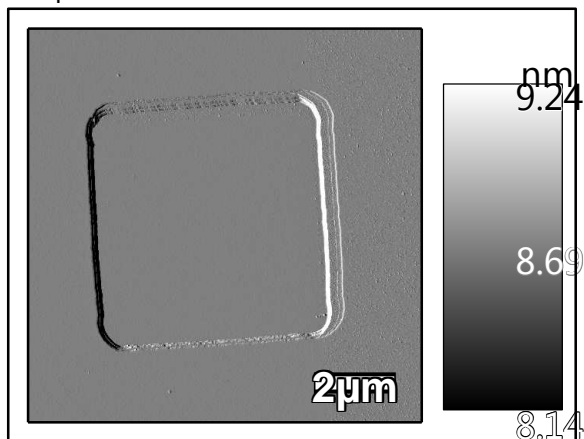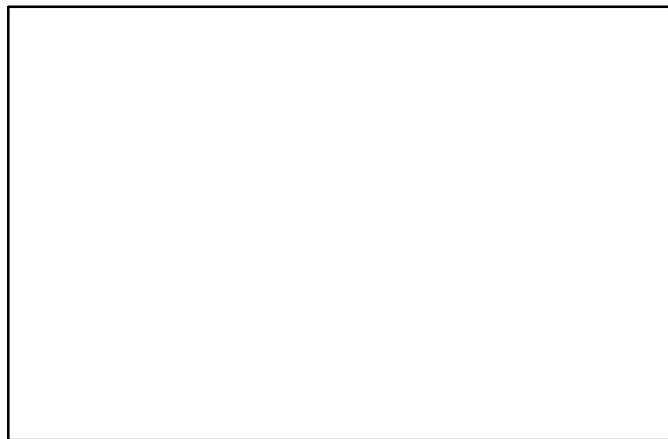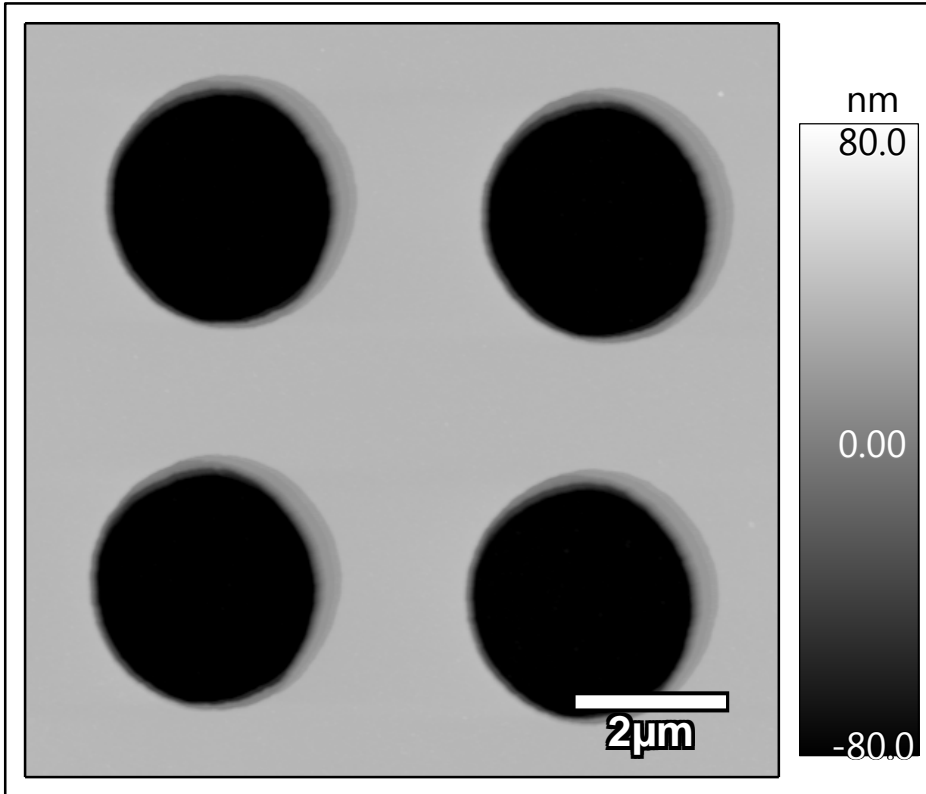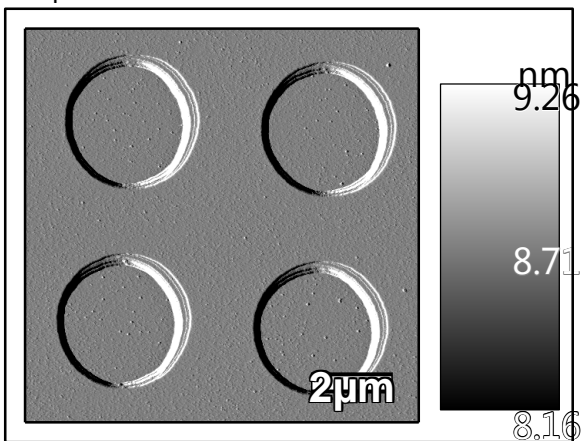
Phase

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Image0002
2021-07-13, Eugene Choo

Height

nm
80.0

0.00

-80.0

2μm

Amplitude

nm
9.26

8.71

8.16

2μm

Phase

ASYLUM RESEARCH