PEM meeting

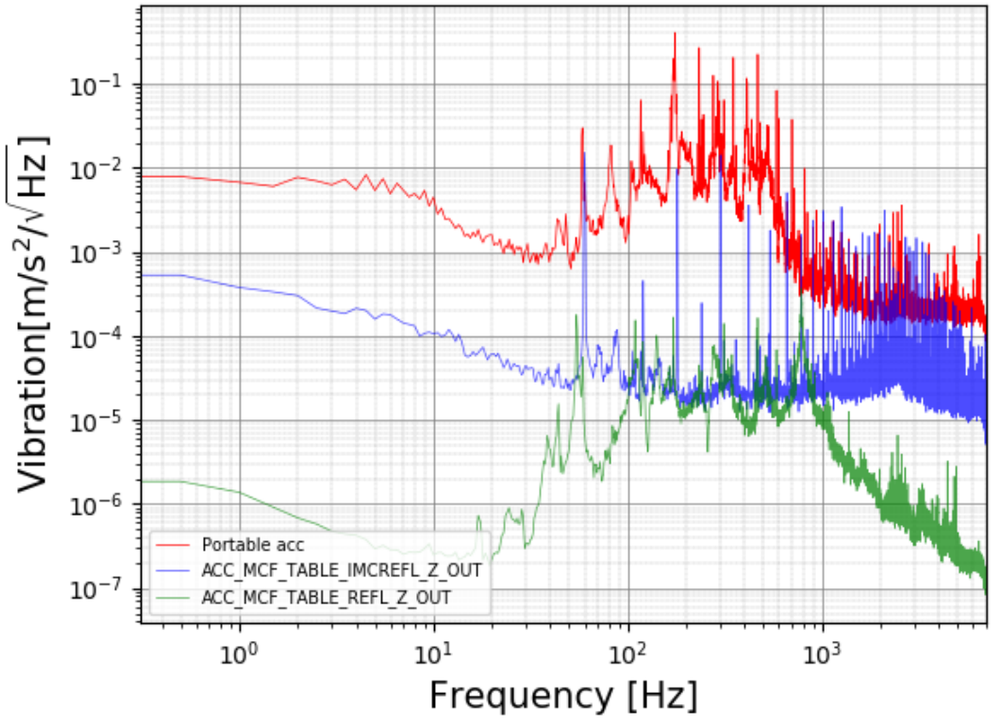
2019/08/27

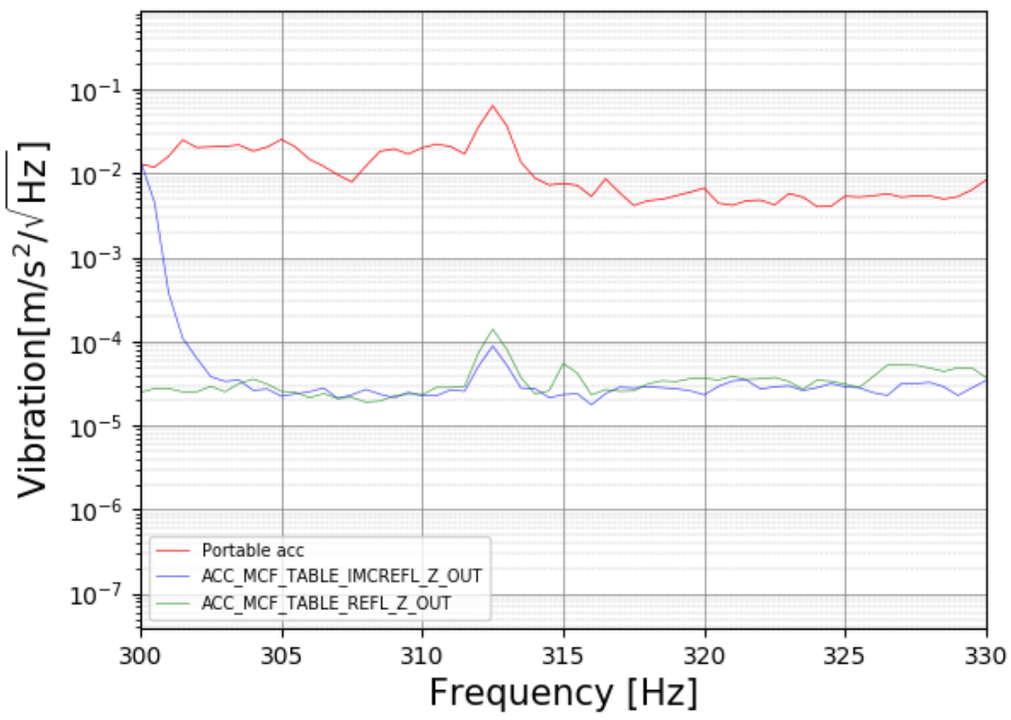
8/9に行ったこと

- IFI,PR2近くの真空ポンプ、及びその周辺の振動(312.5 Hz)を加速度計を用いて測定した。

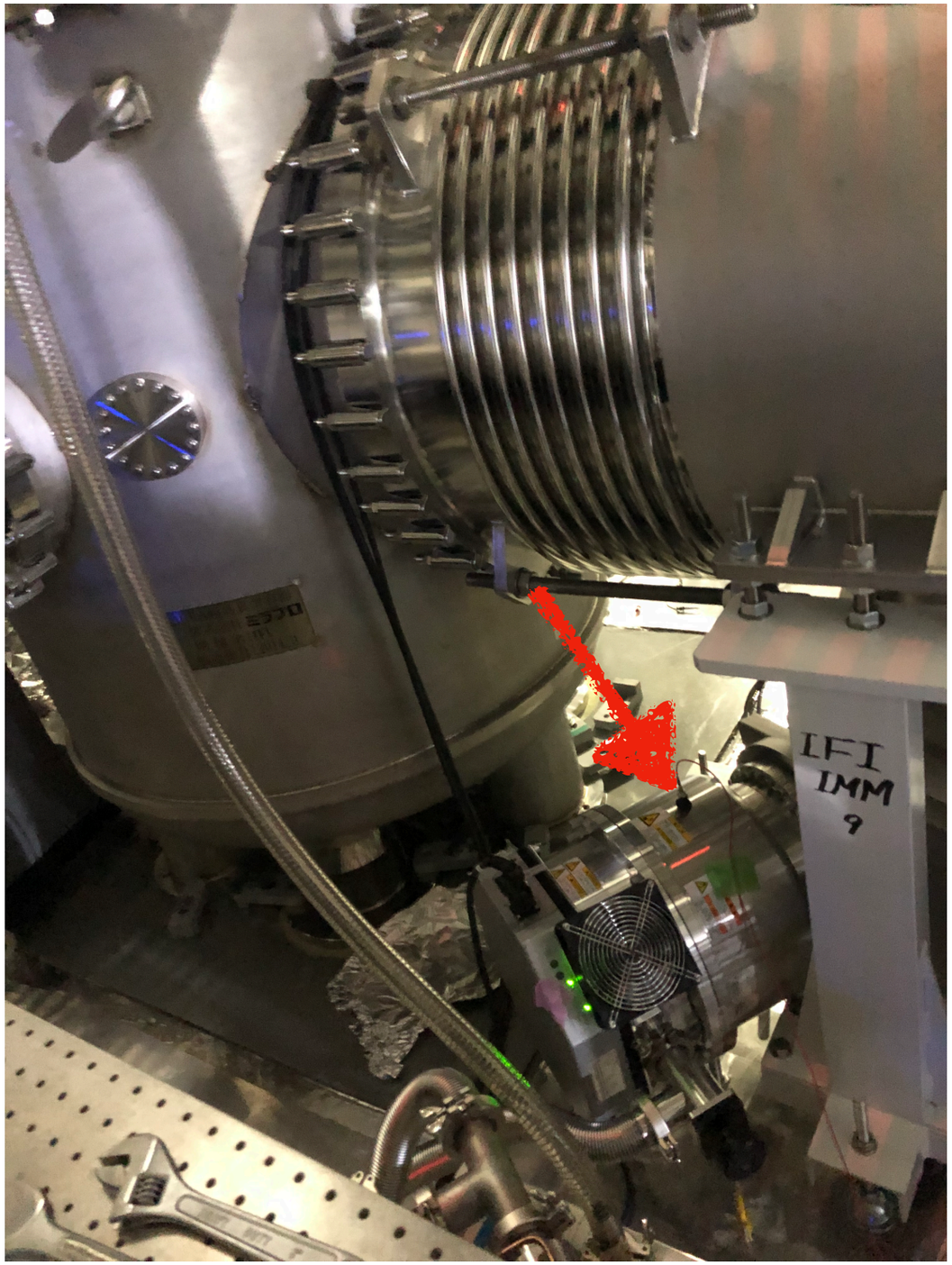
- Accelerometer　TEAC 706　　0.01022 $\mathrm{m/s^2/V}$

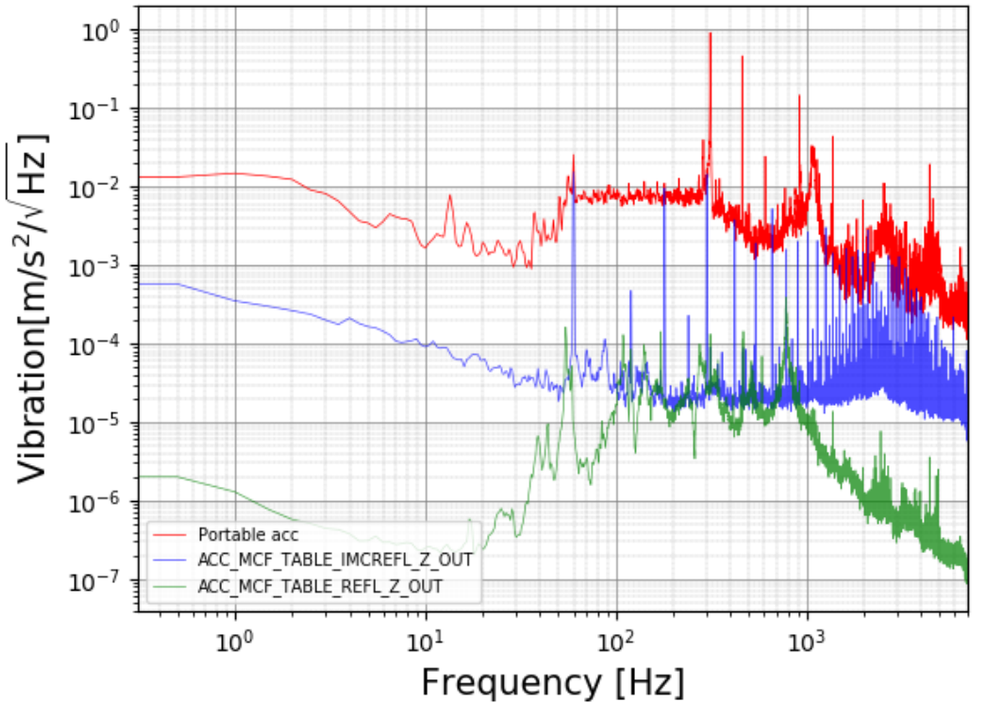
IFI - IMM
ドライポンプの上

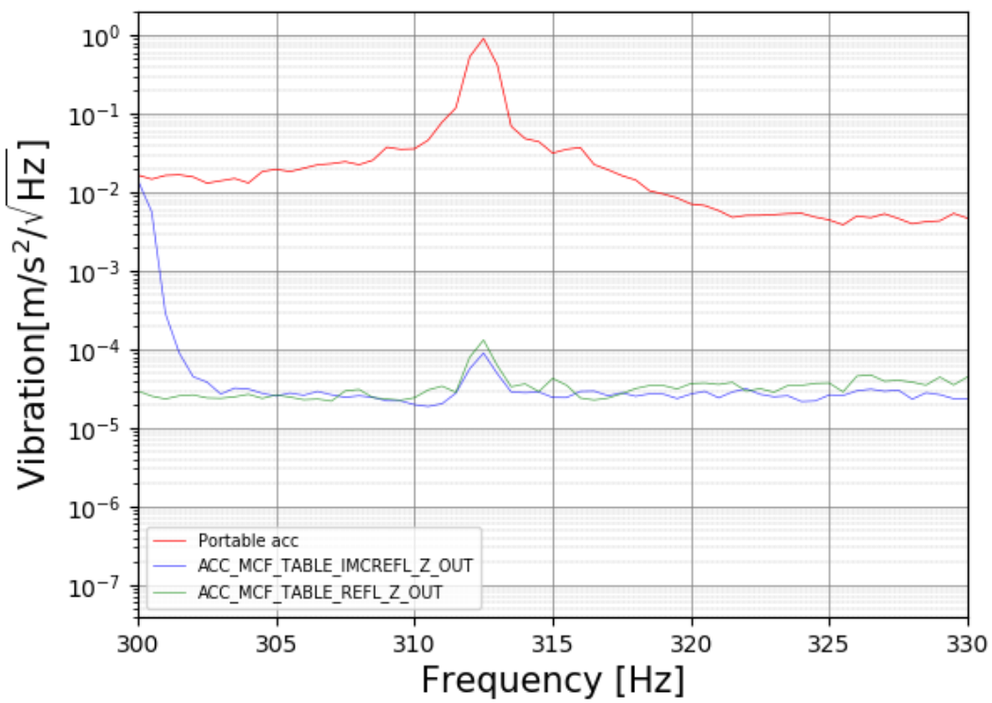




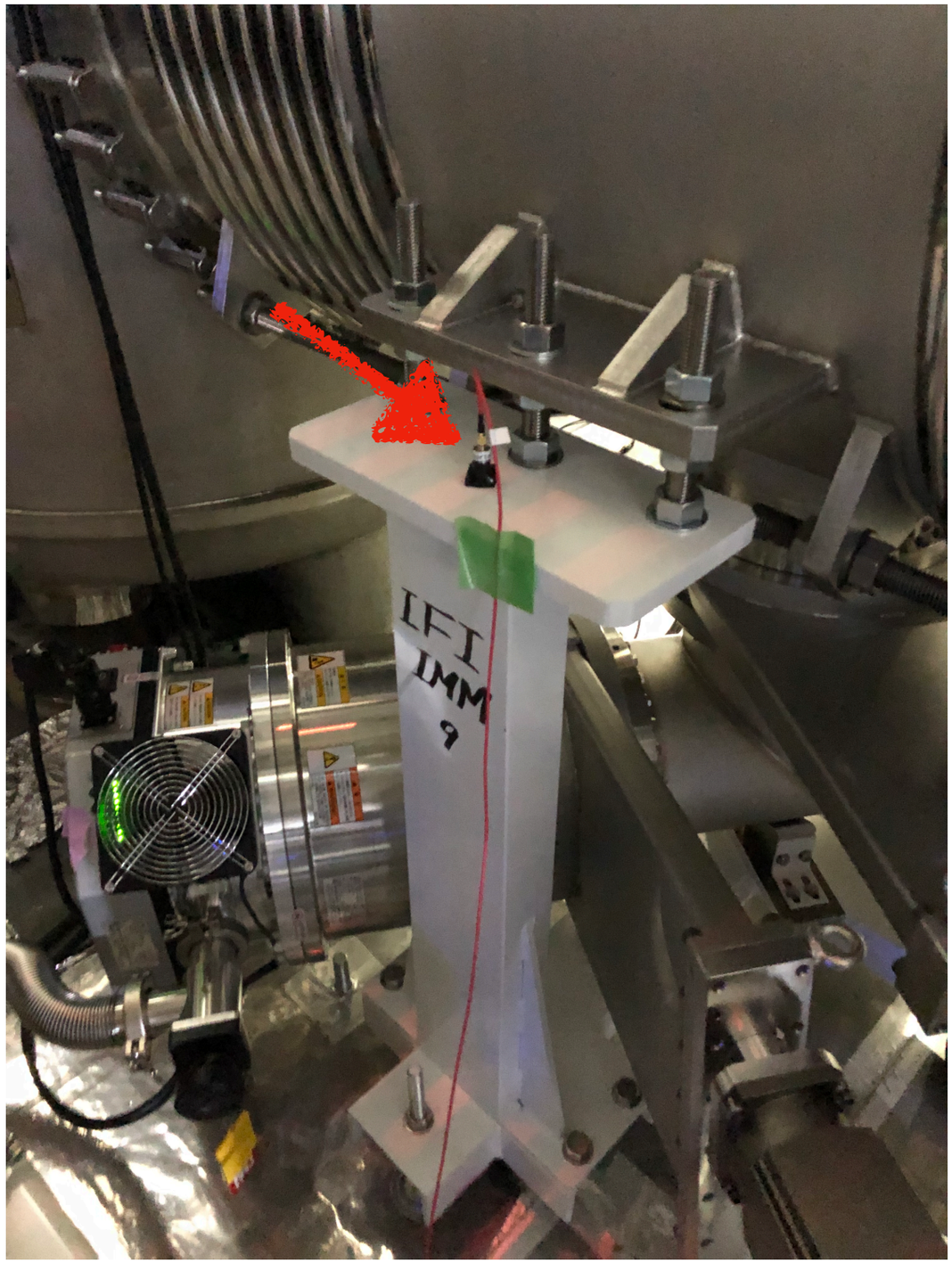
IFI - IMM
ターボポンプの上

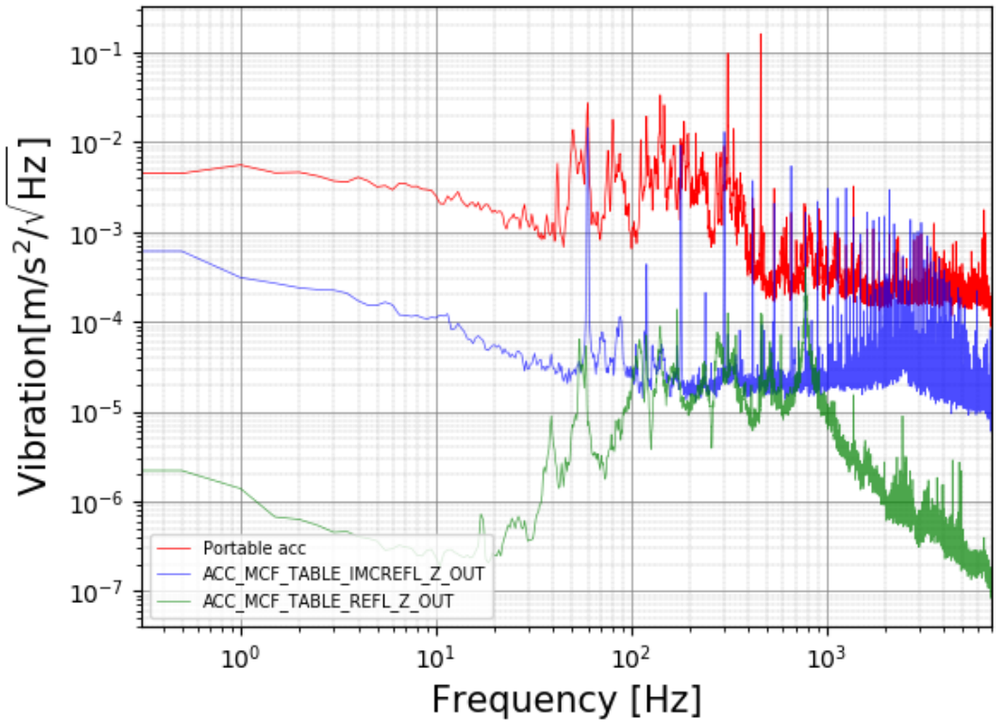


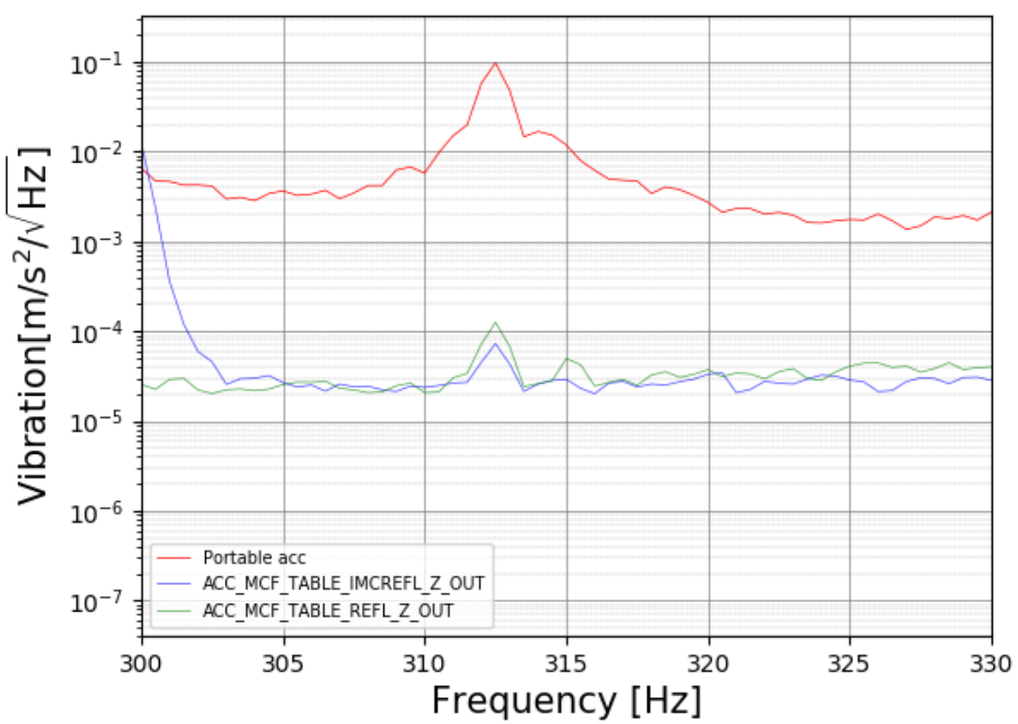




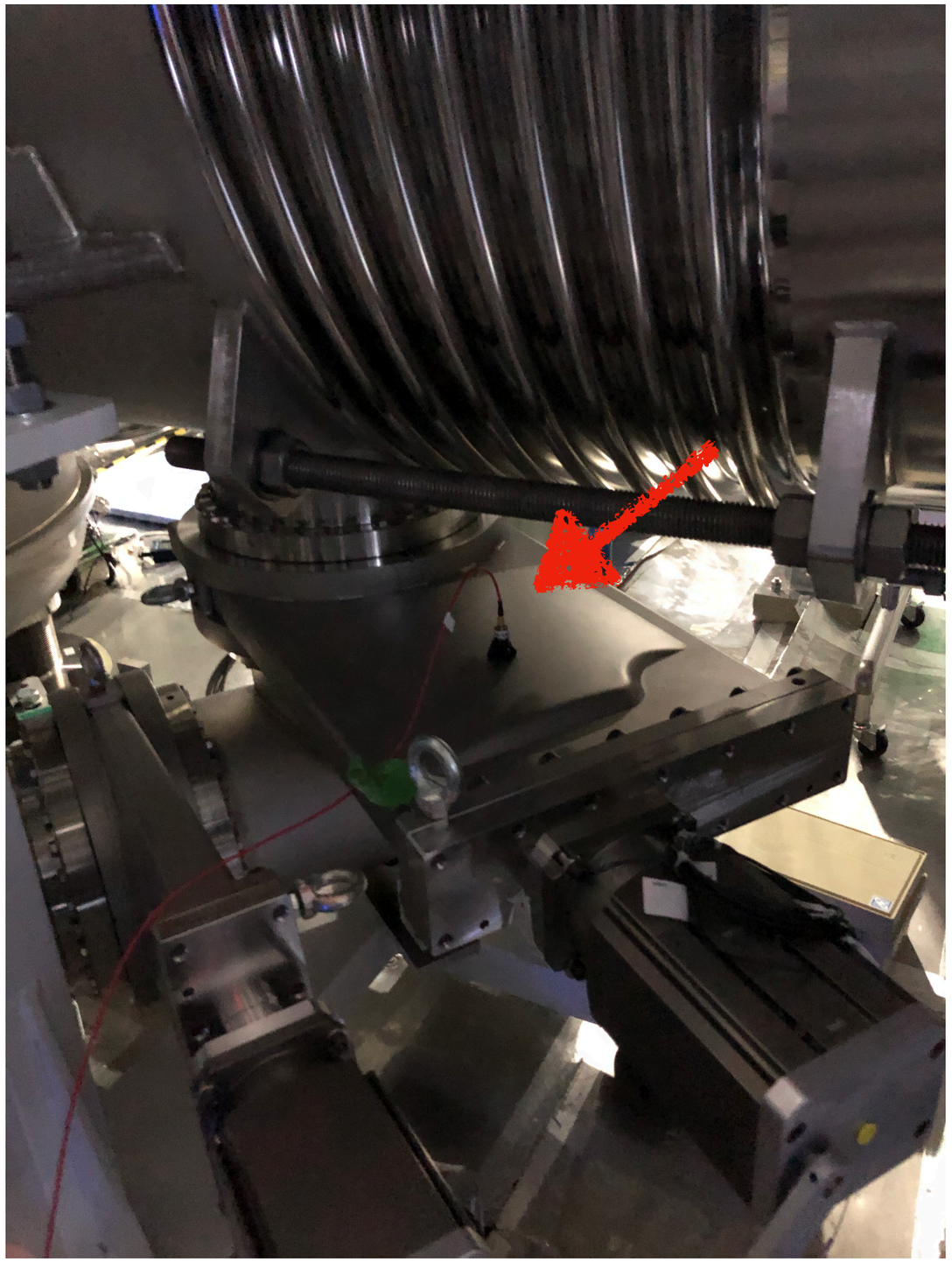
IFI - IMM
ダクトの脚の上

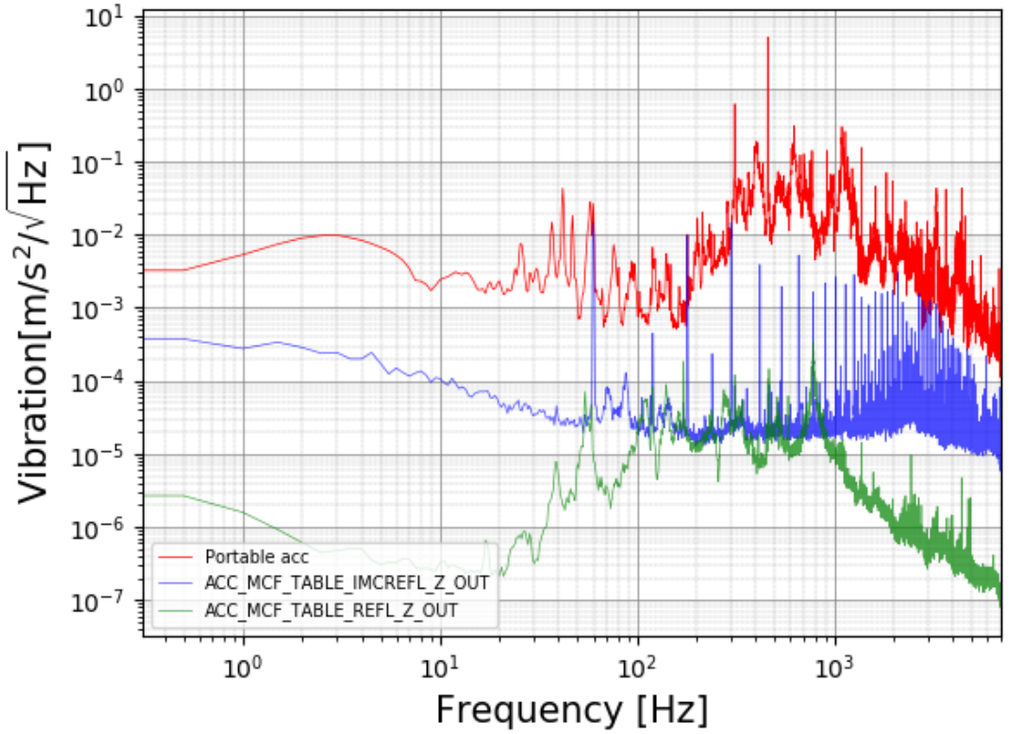


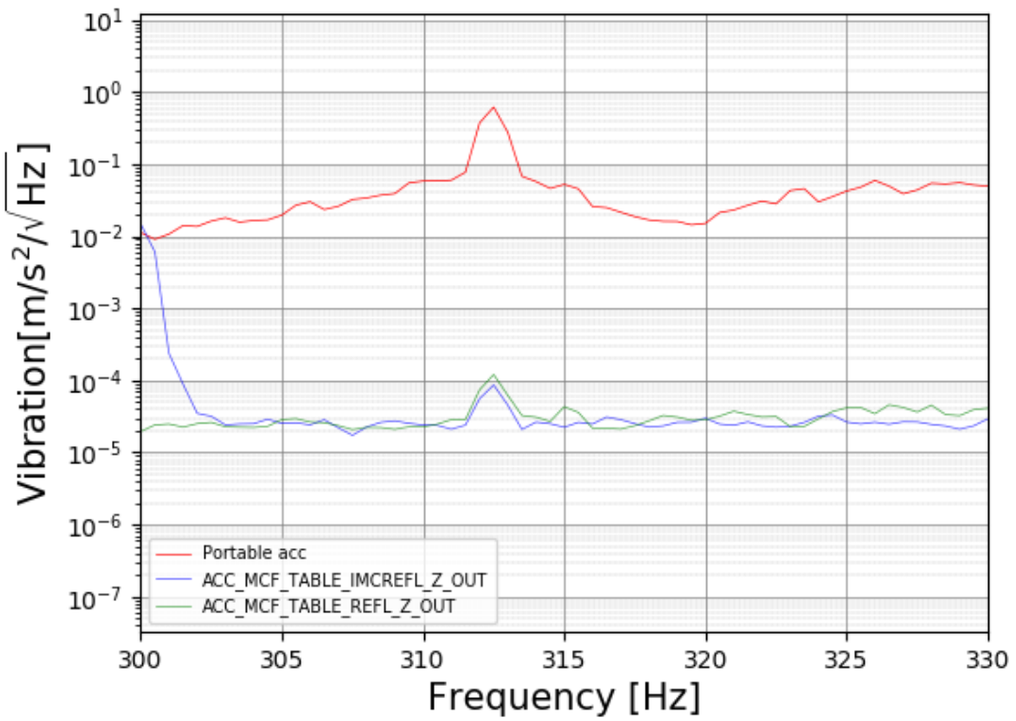




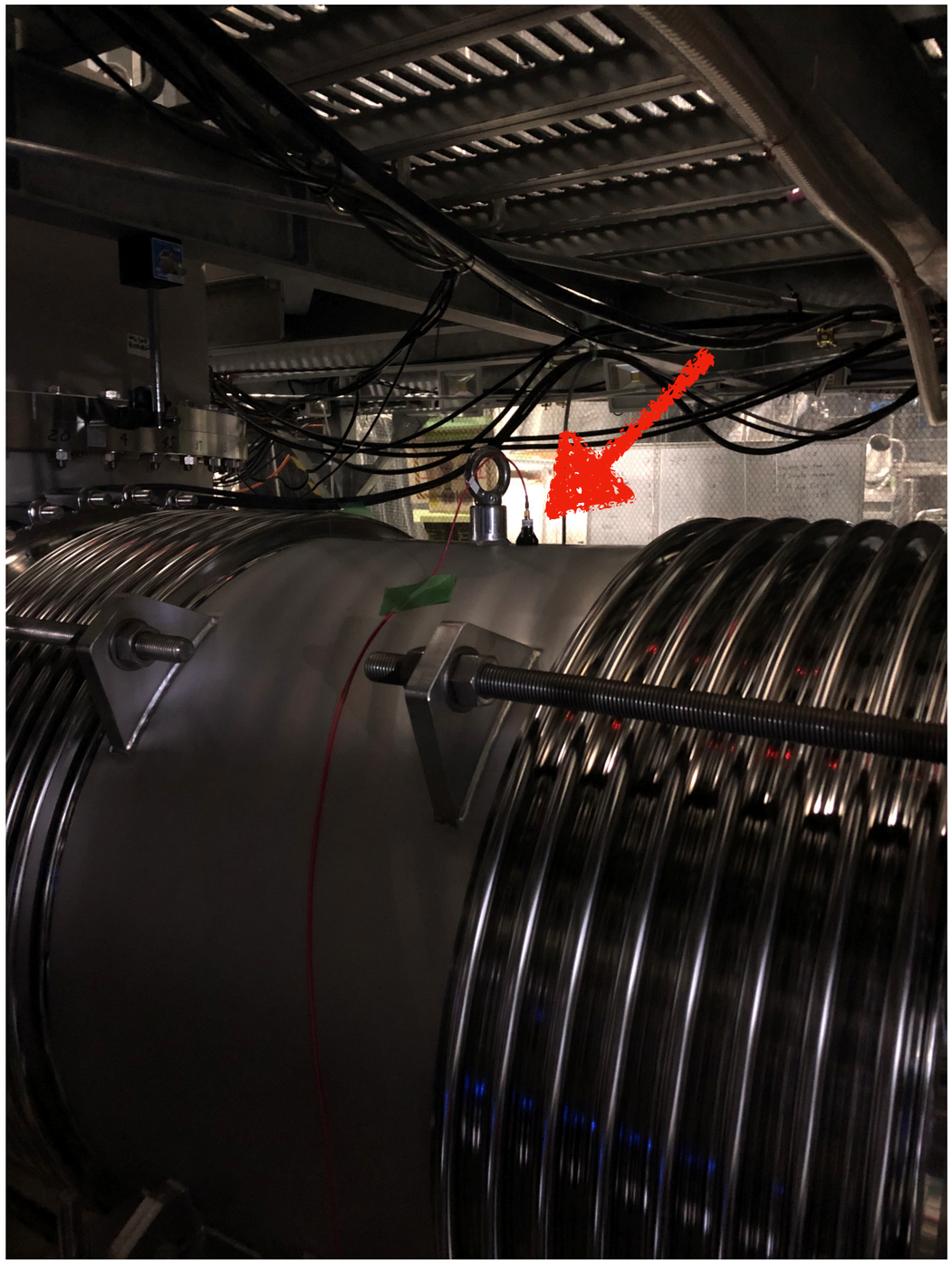
IFI - IMM
バキュームバルブの上

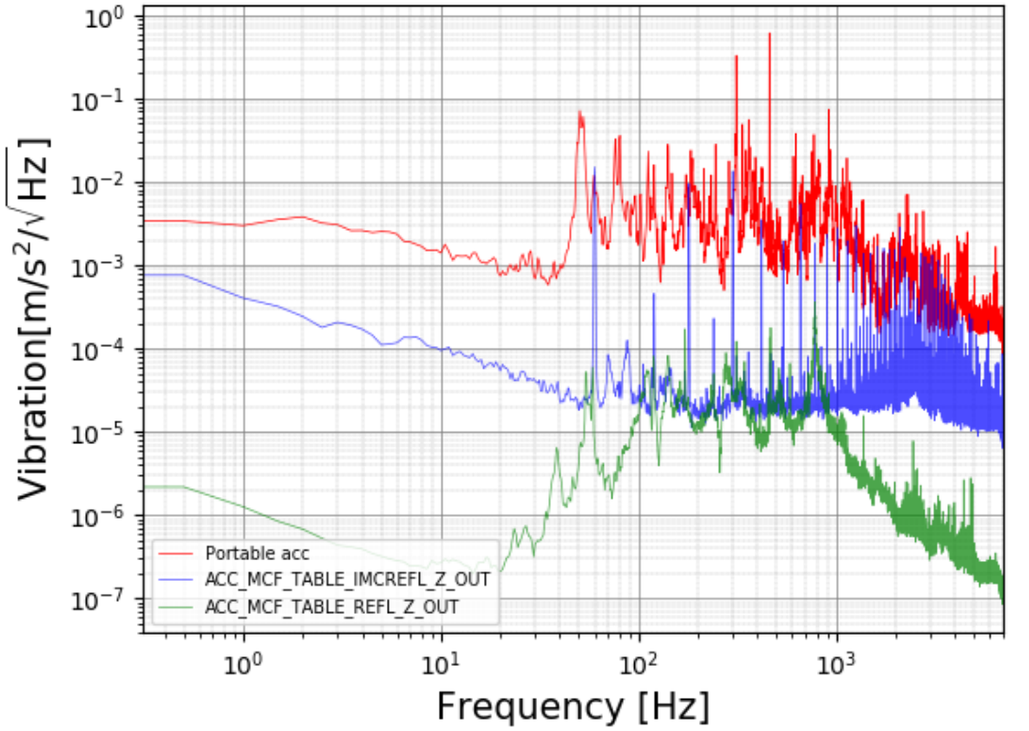


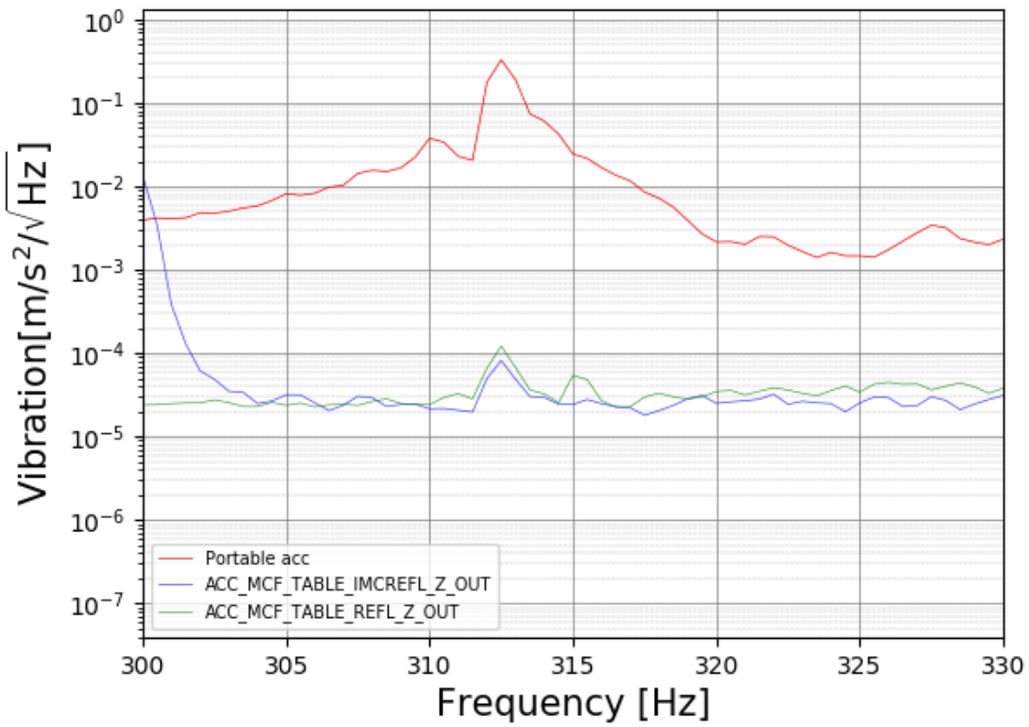




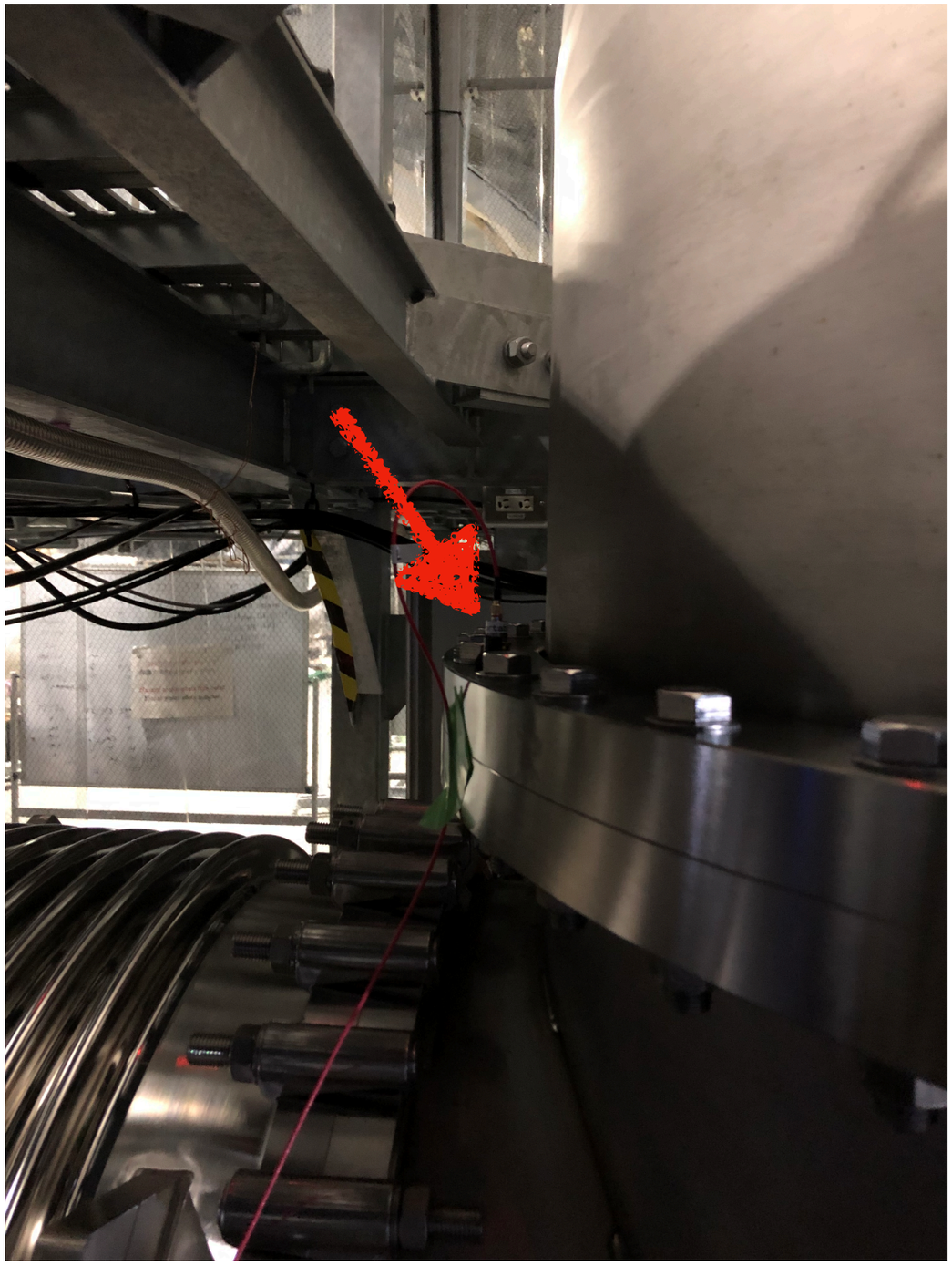
IFI - IMM
ダクトの上

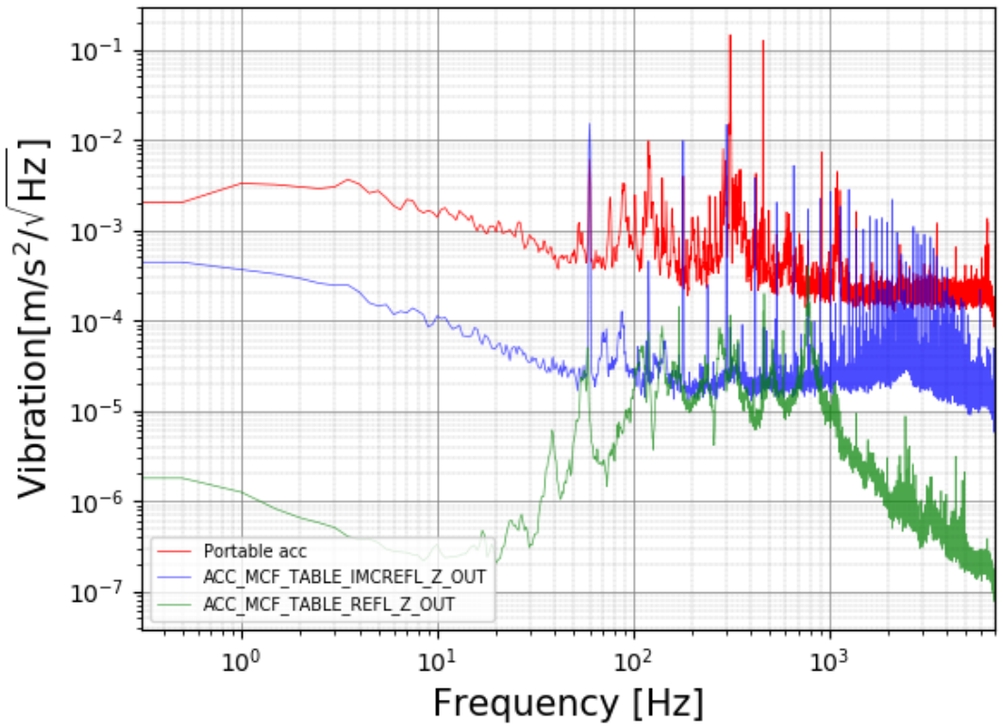






IMMチェンバーの上

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Frequency [Hz]
Portable acc
ACC_MCF_TABLE_IMCREFL_Z_OUT
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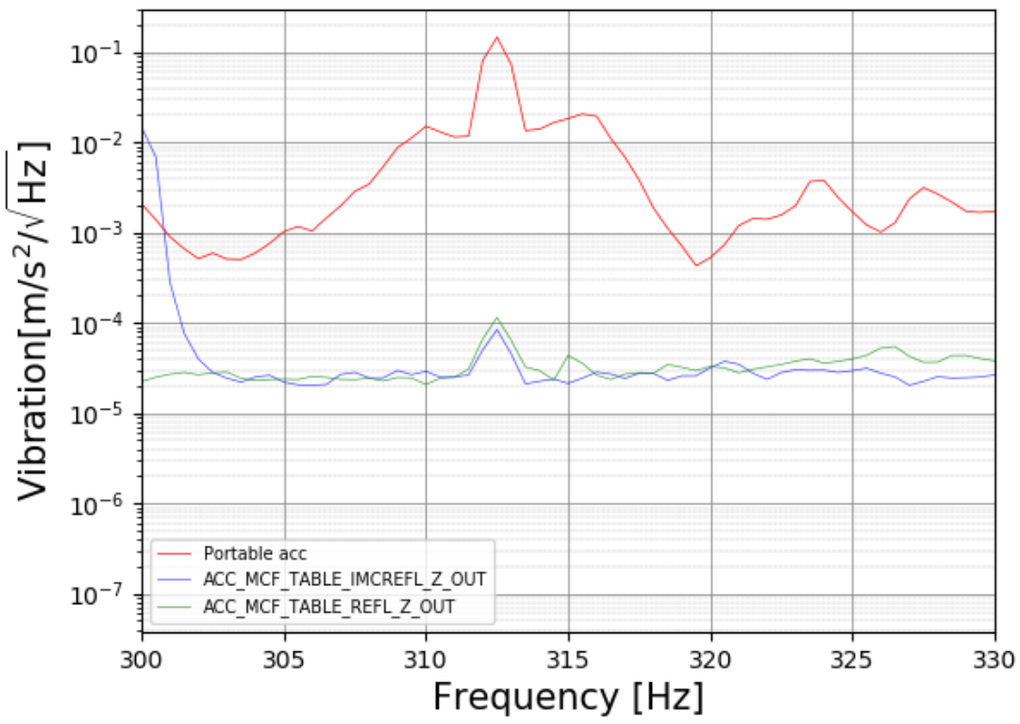
Vibration[m/s²/√Hz]
Frequency [Hz]
Portable acc
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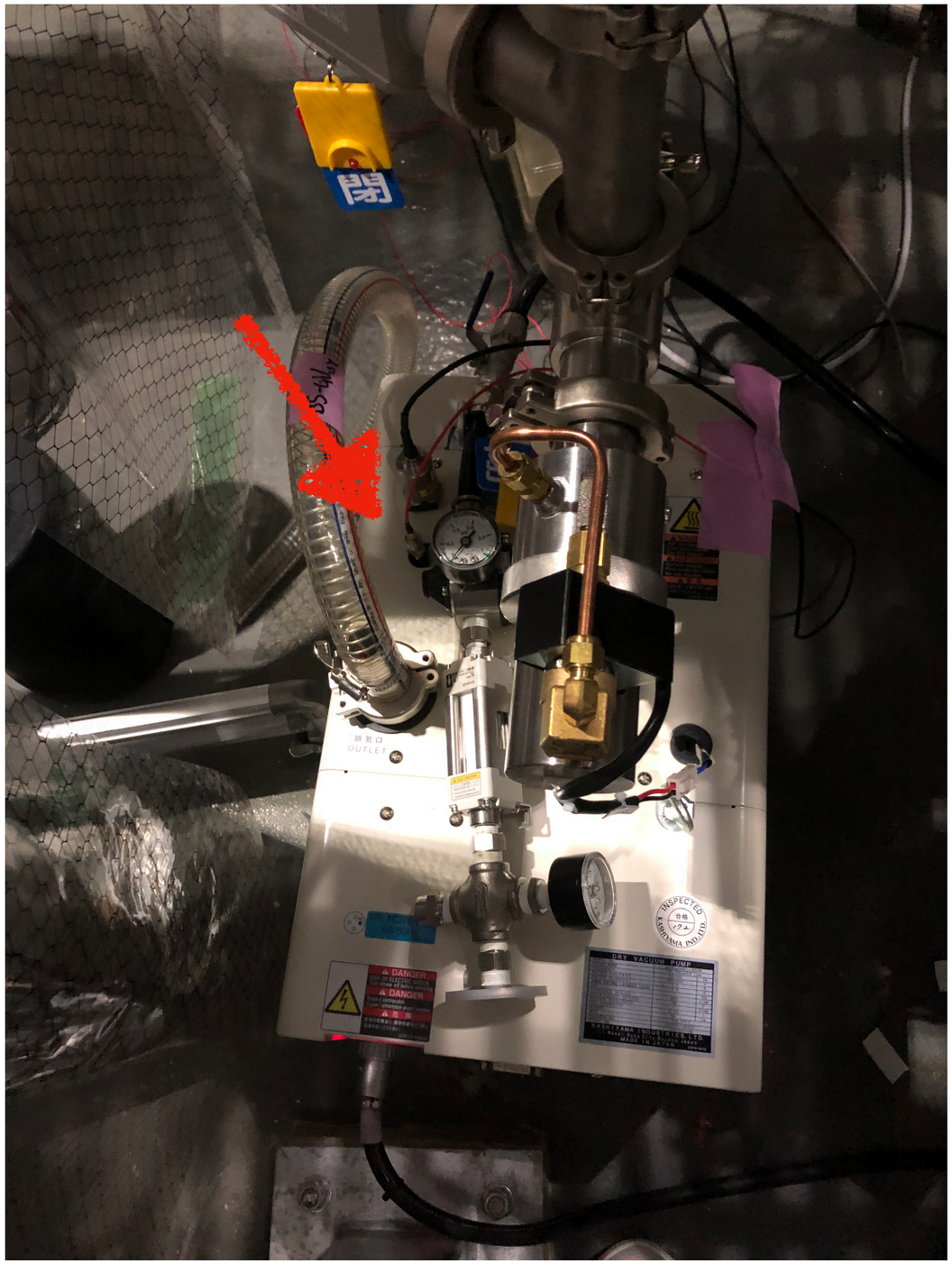
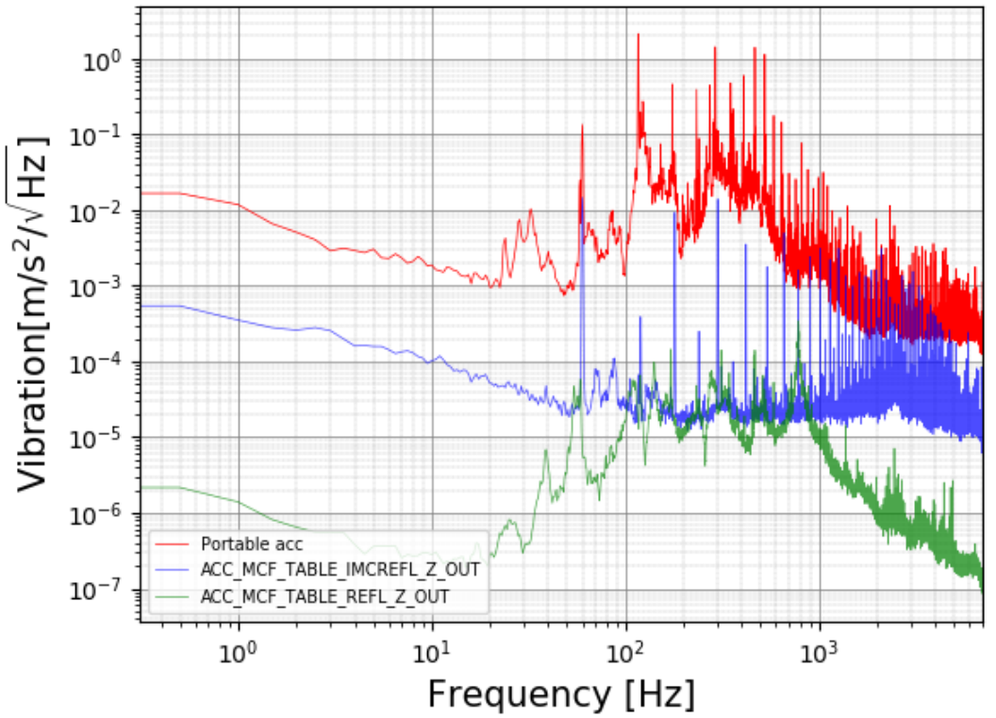
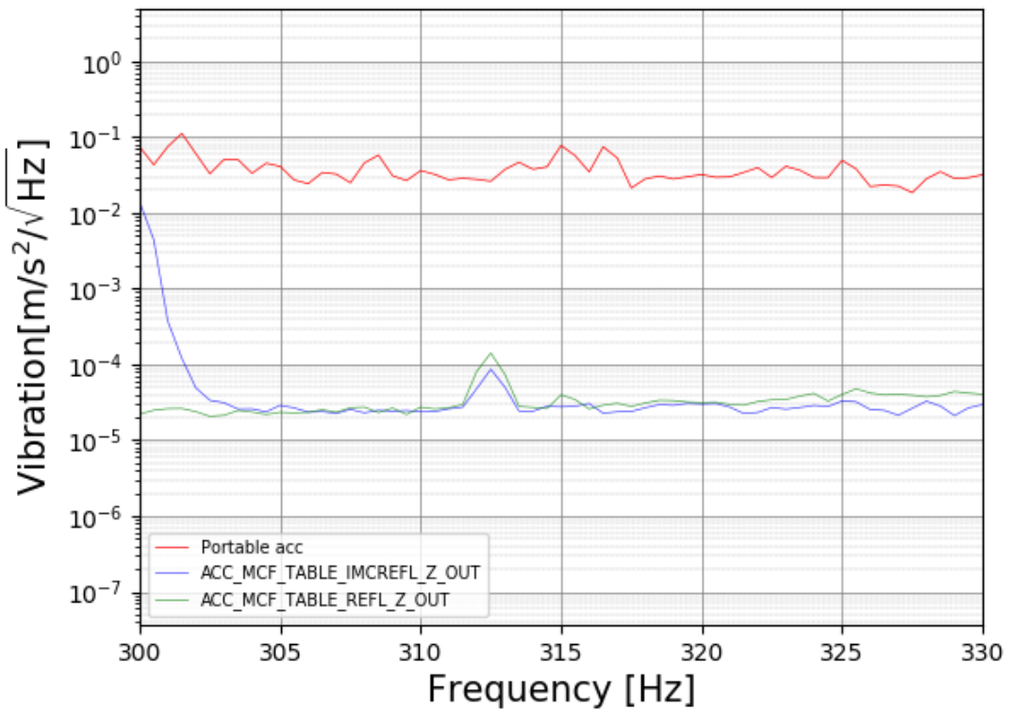
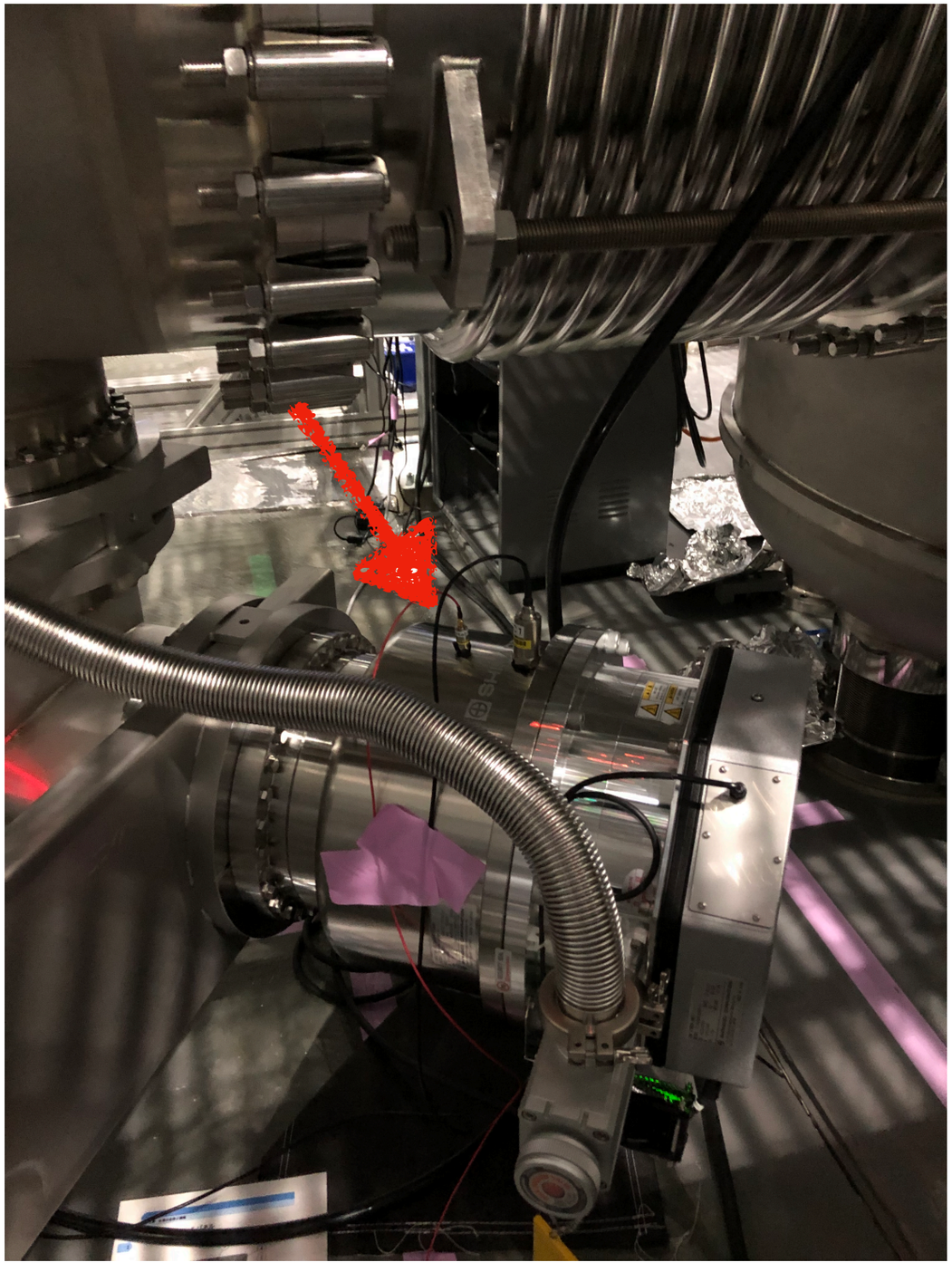
PR2
ドライポンプの上

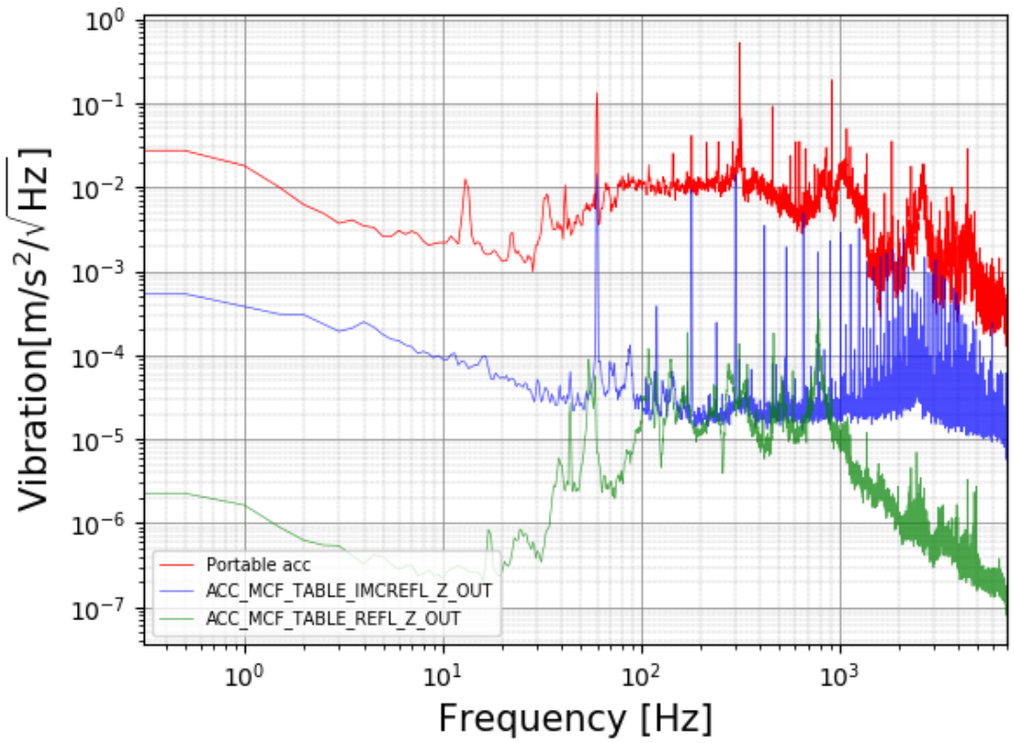


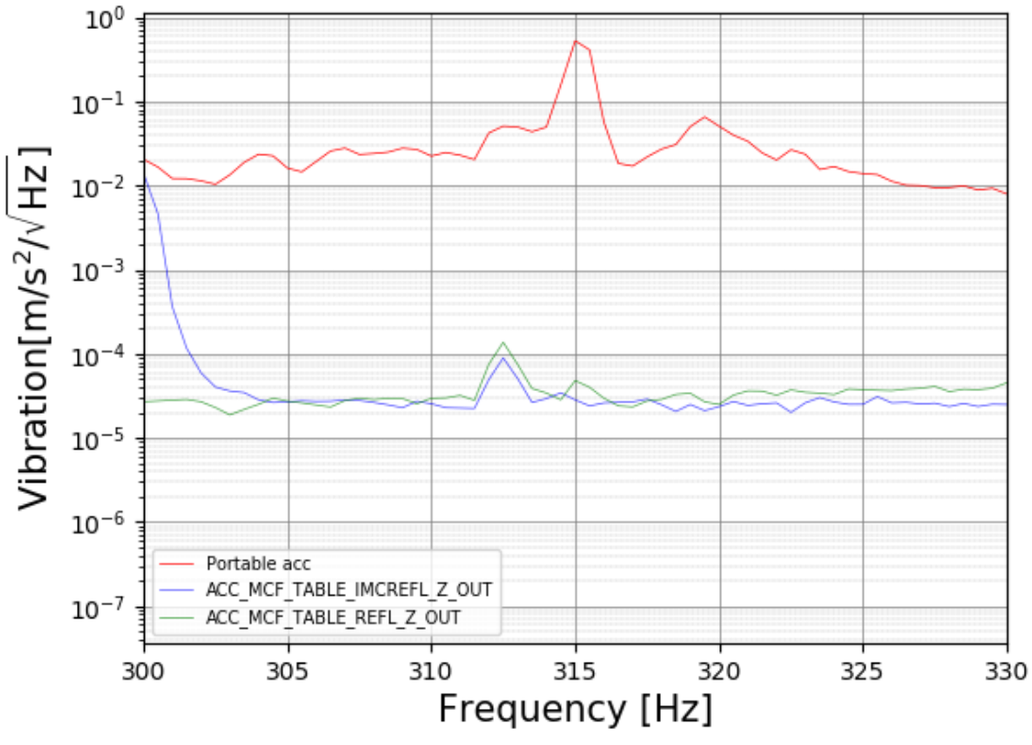




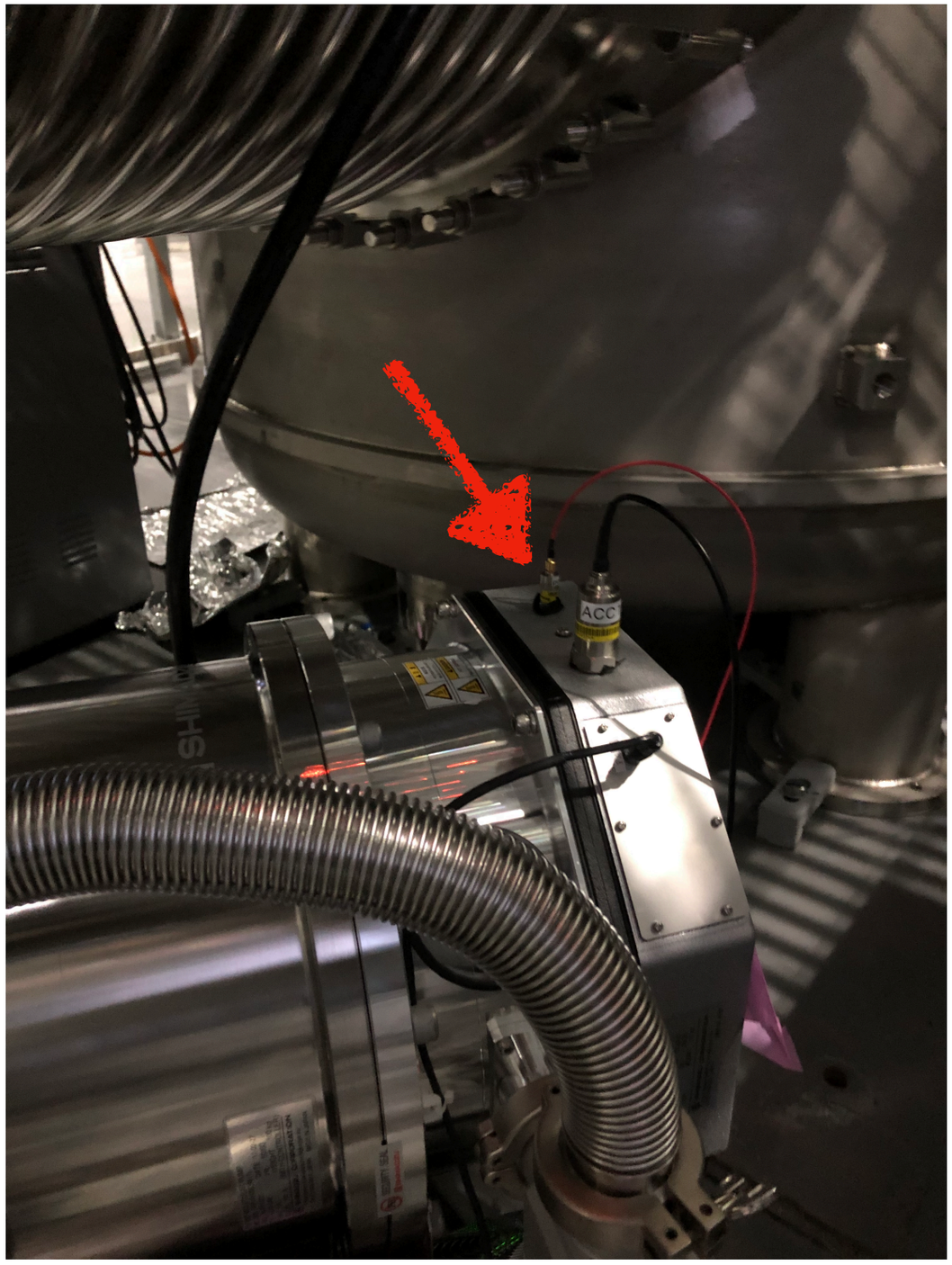
PR2
ターボポンプの上 1

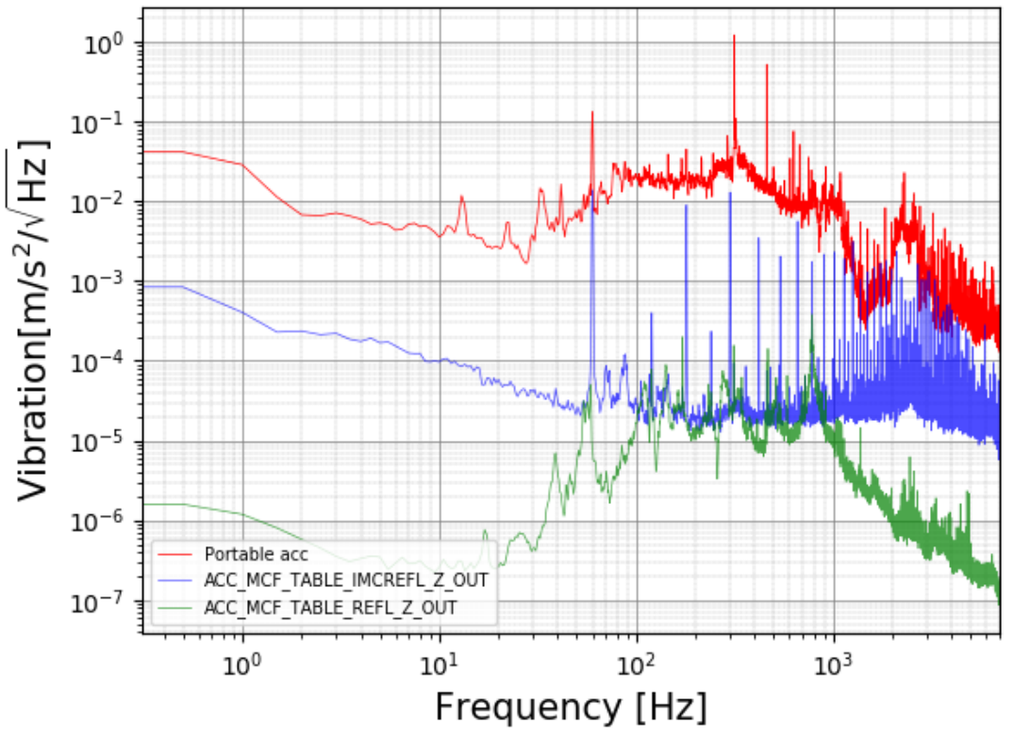


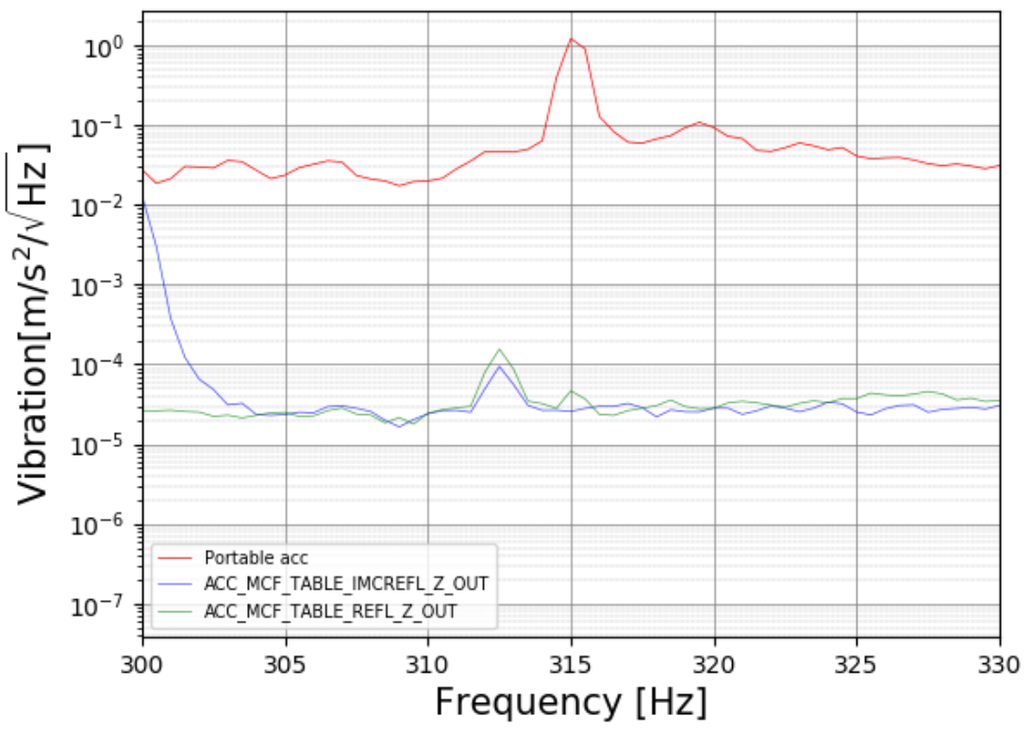




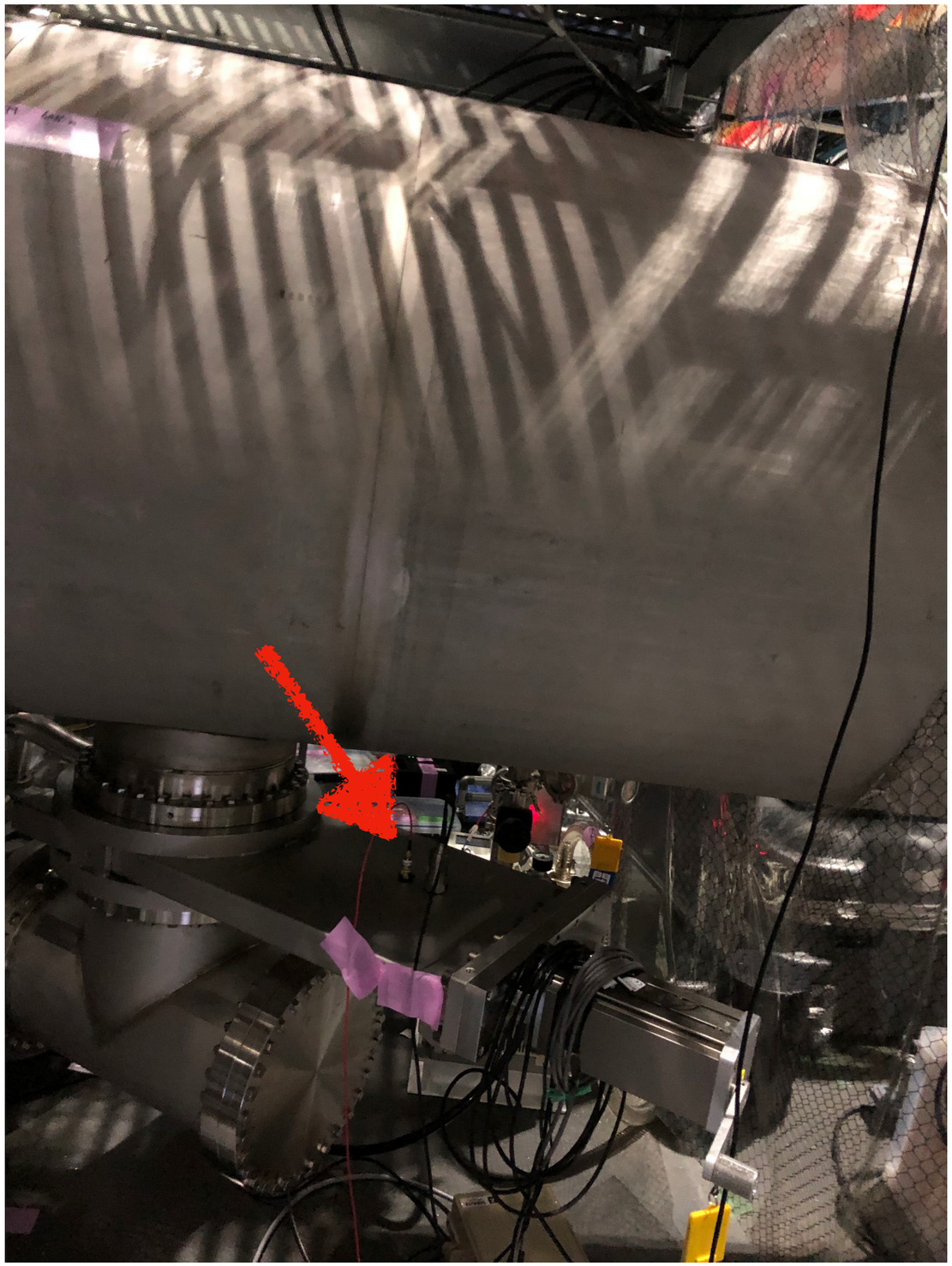
PR2
ターボポンプの上２

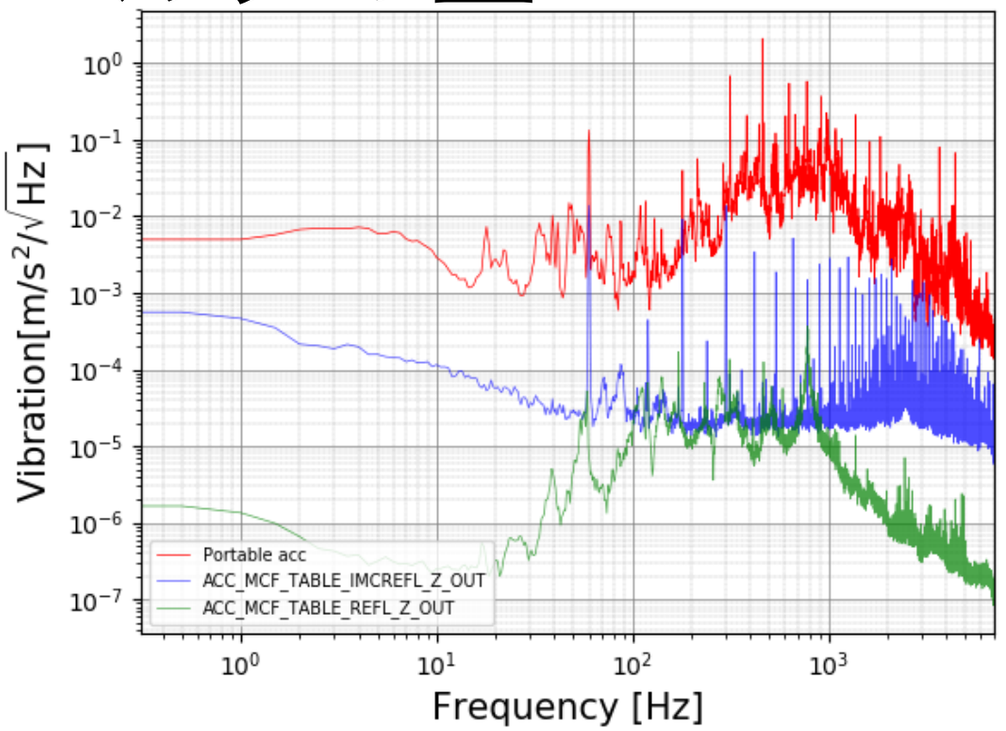


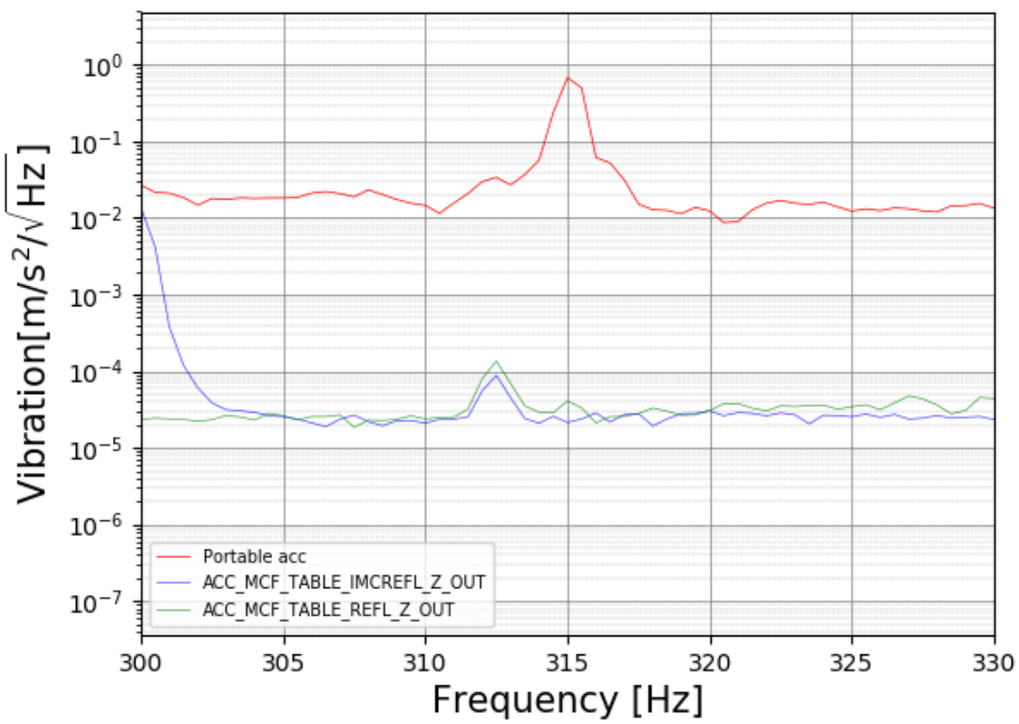




PR2
バキュームバルブの上

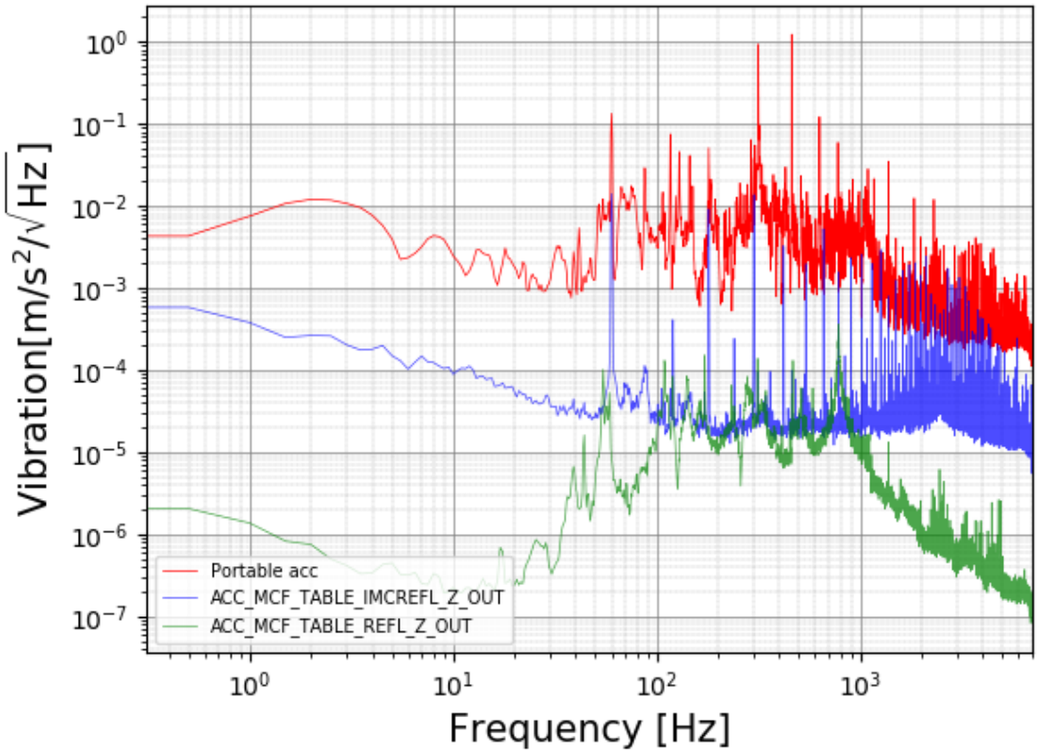






PR2
ダクトの上

3.19 60N.m
MPC


Vibration[m/s²/√Hz]
Frequency [Hz]
Portable acc
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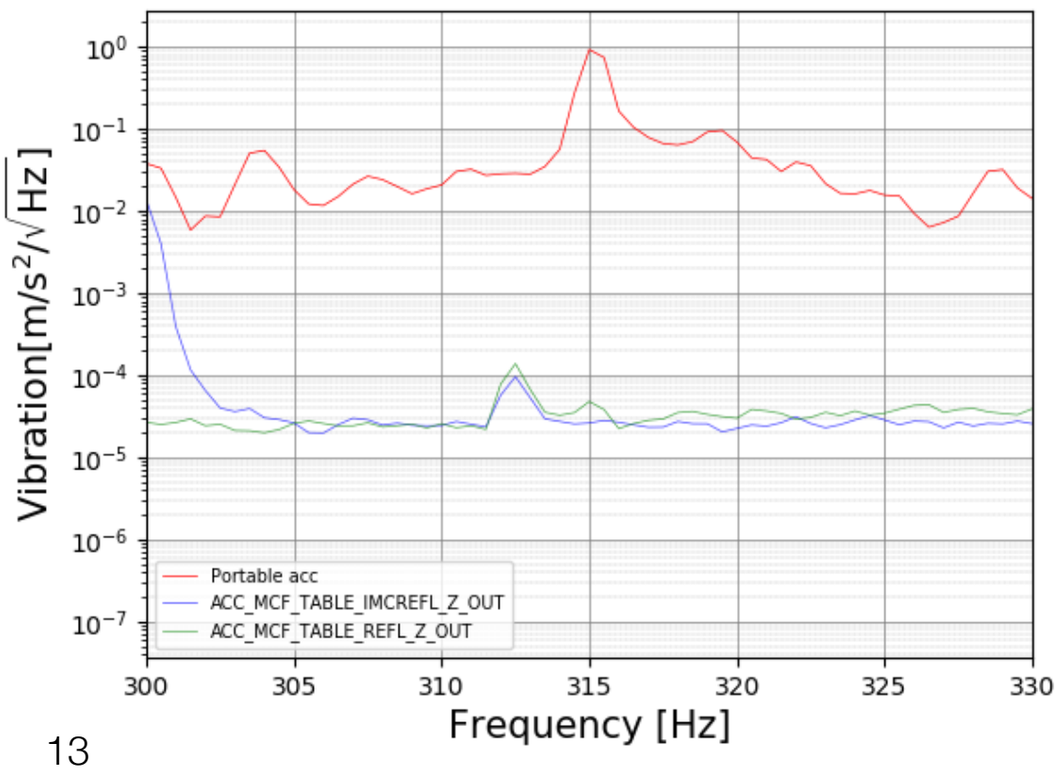
Vibration[m/s²/√Hz]
Frequency [Hz]
Portable acc
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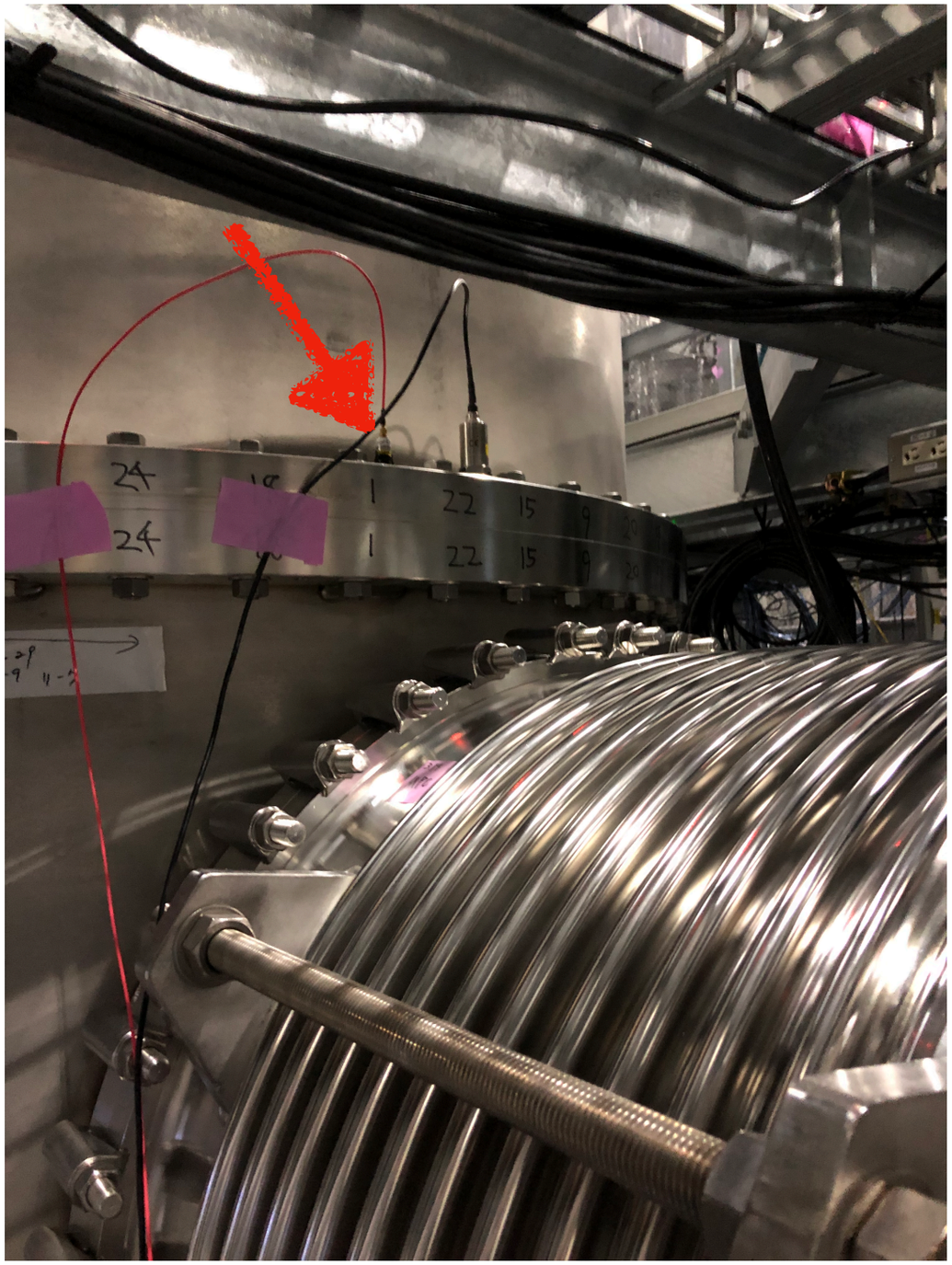
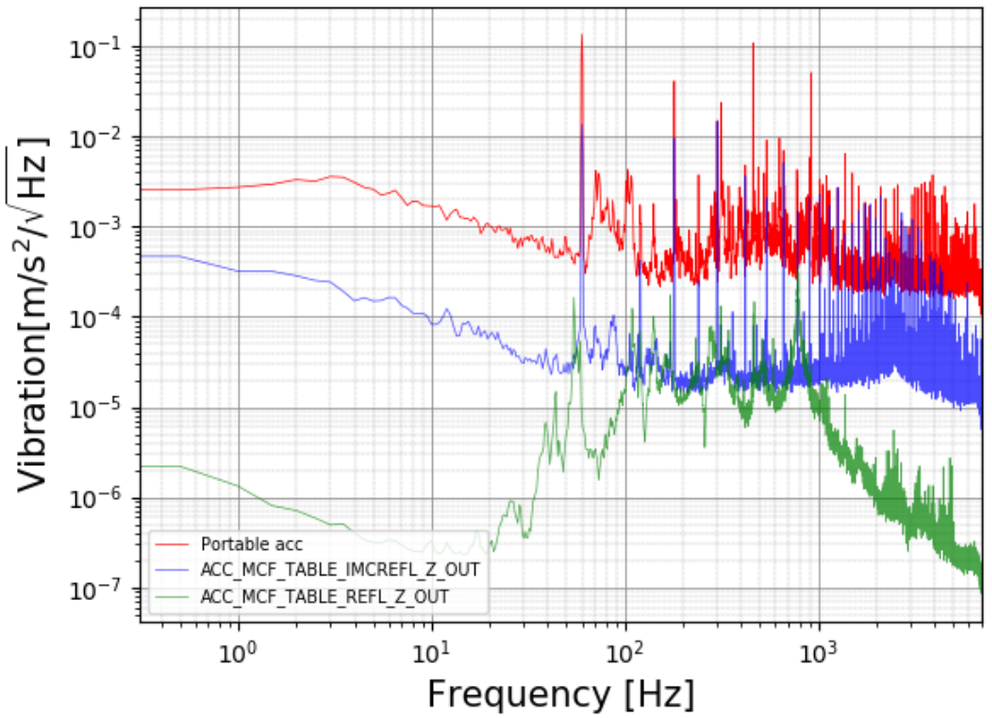
PR2チェンバーの上

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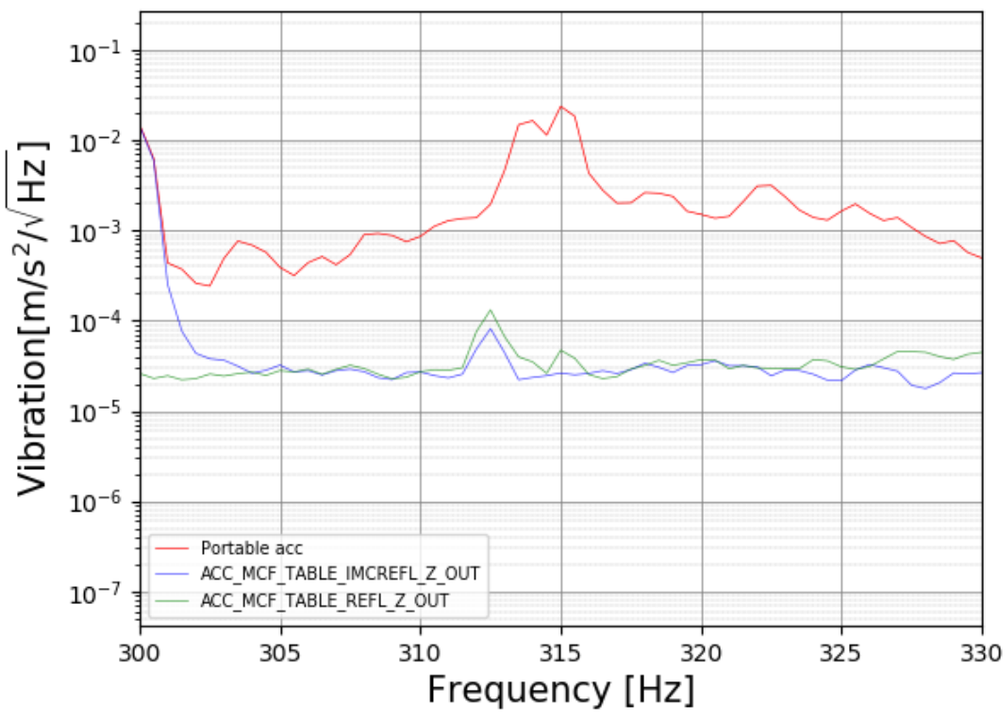
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まとめ

- IFI-IMMの真空ポンプは312.5Hz、BSのポンプは315Hz
- IFI-IMMのほうはポンプ、ダクト、IMMチェンバーの全てで312.5Hzのピークが出ている

→ダクト、チェンバーでは1桁小さい