

PEM meeting

2019/09/03

8/30に行ったこと

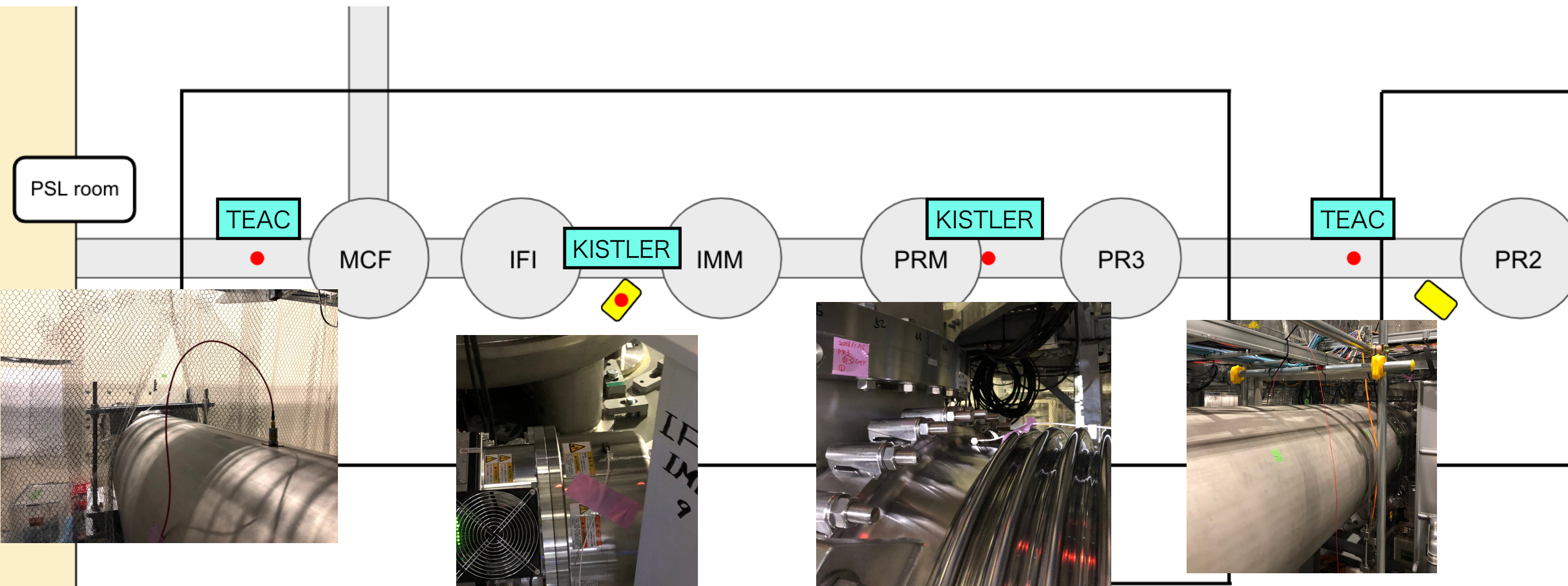
- 真空ポンプをon、offにし、その時の振動(312.5 Hz)を加速度計を用いて測定した。
- Accelerometer TEAC 706 0.01022 m/s²/V
- Accelerometer TEAC 706 0.00998 m/s²/V
- Accelerometer KISTLER ? m/s²/g ×2

測定場所

● : 加速度計

■ : ターボポンプ

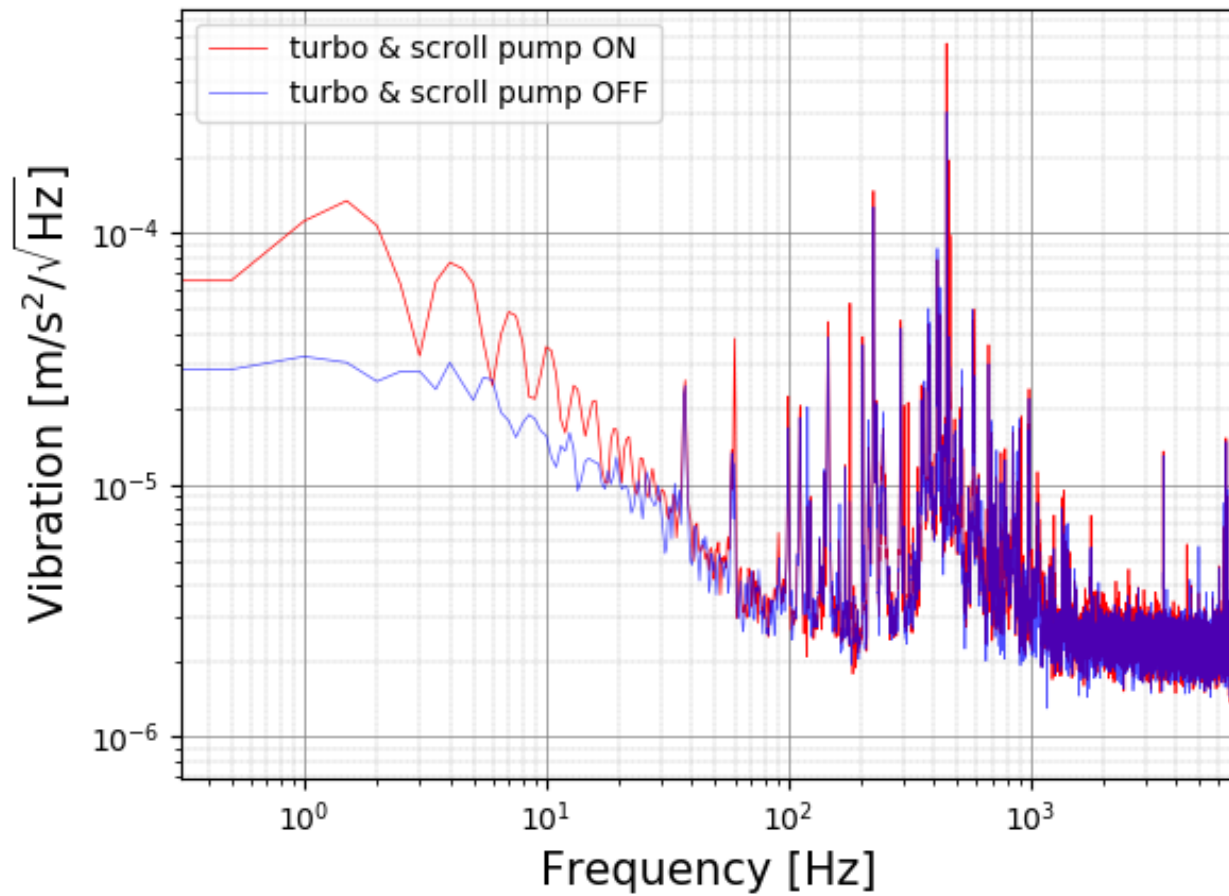
- PSL room近くのダクト上
- 312.5Hzの振動を出しているターボポンプの上
- PRMチェンバー近くのダクト上
- PR2チェンバー近くのダクト上



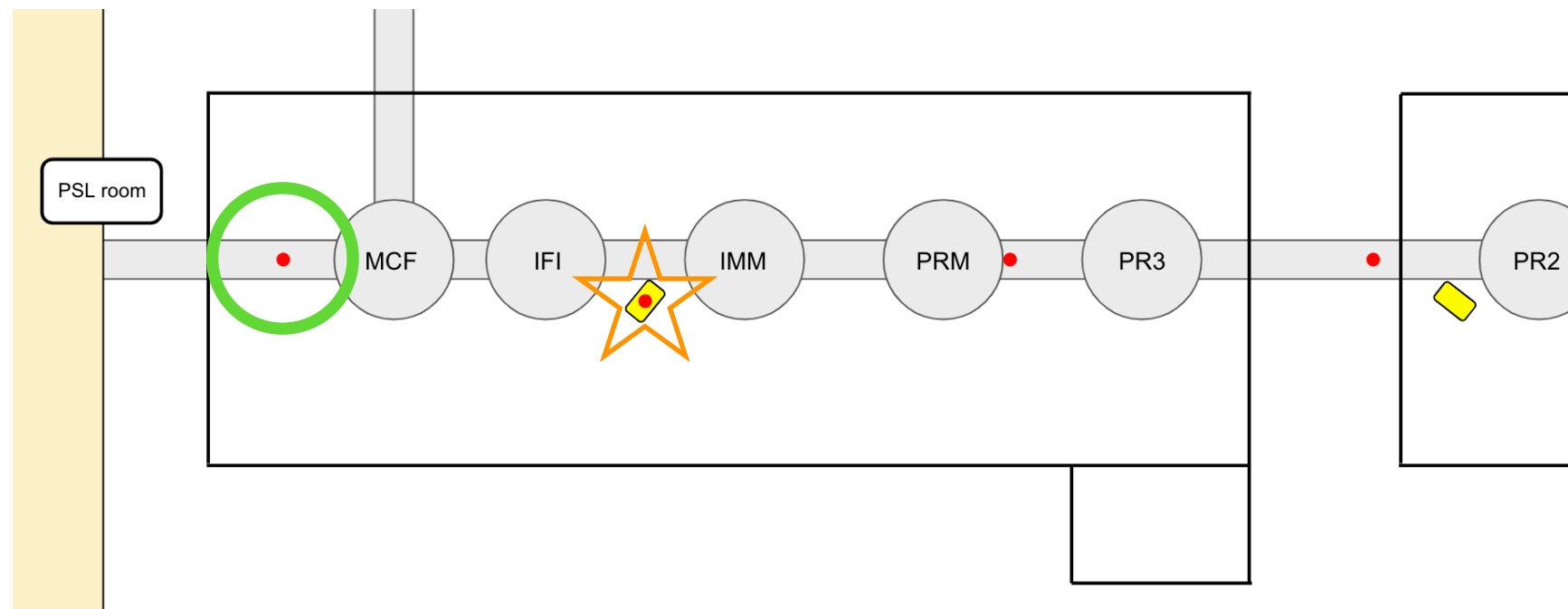
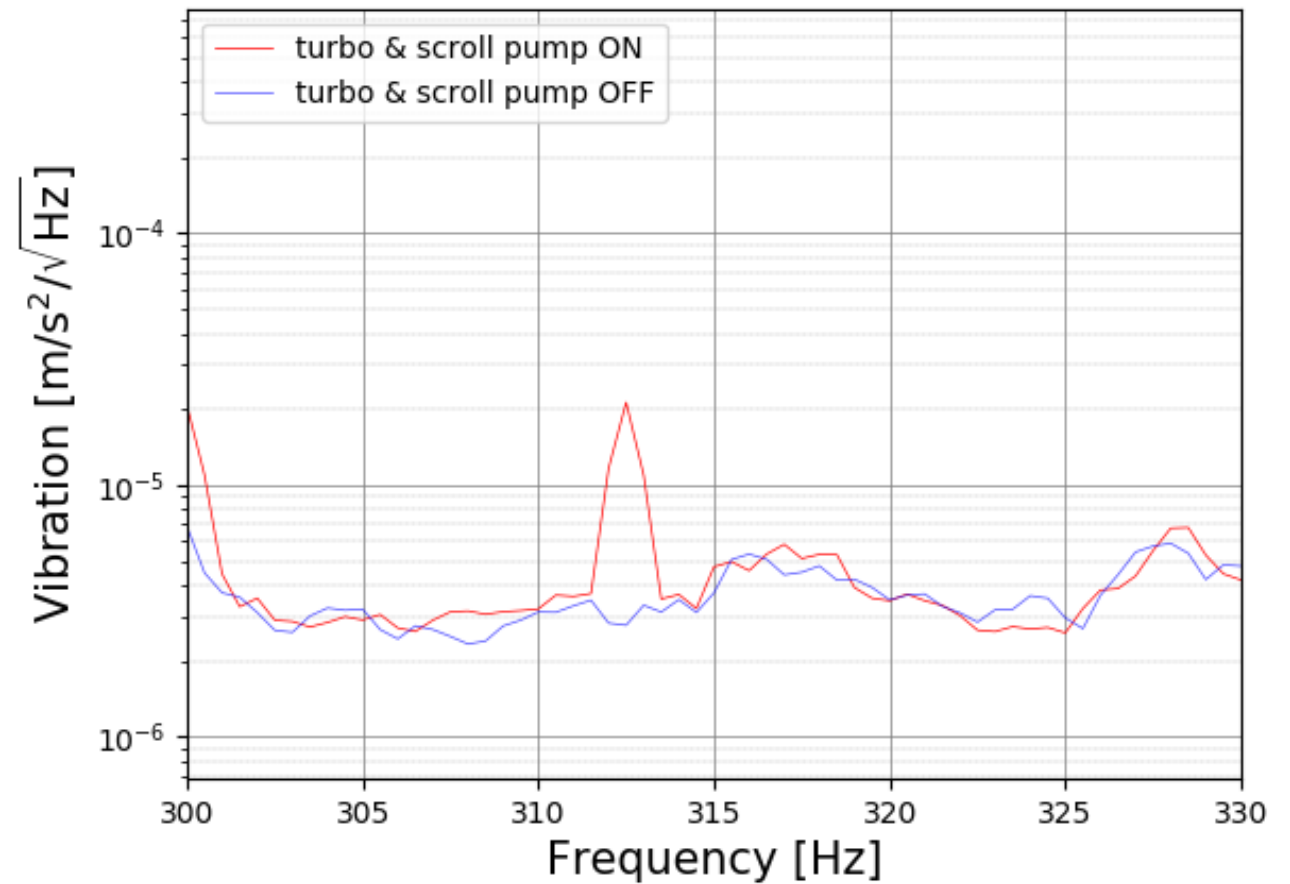
IMMのポンプ ON OFF, PR2のポンプ ON

PSL room近くのダクト上

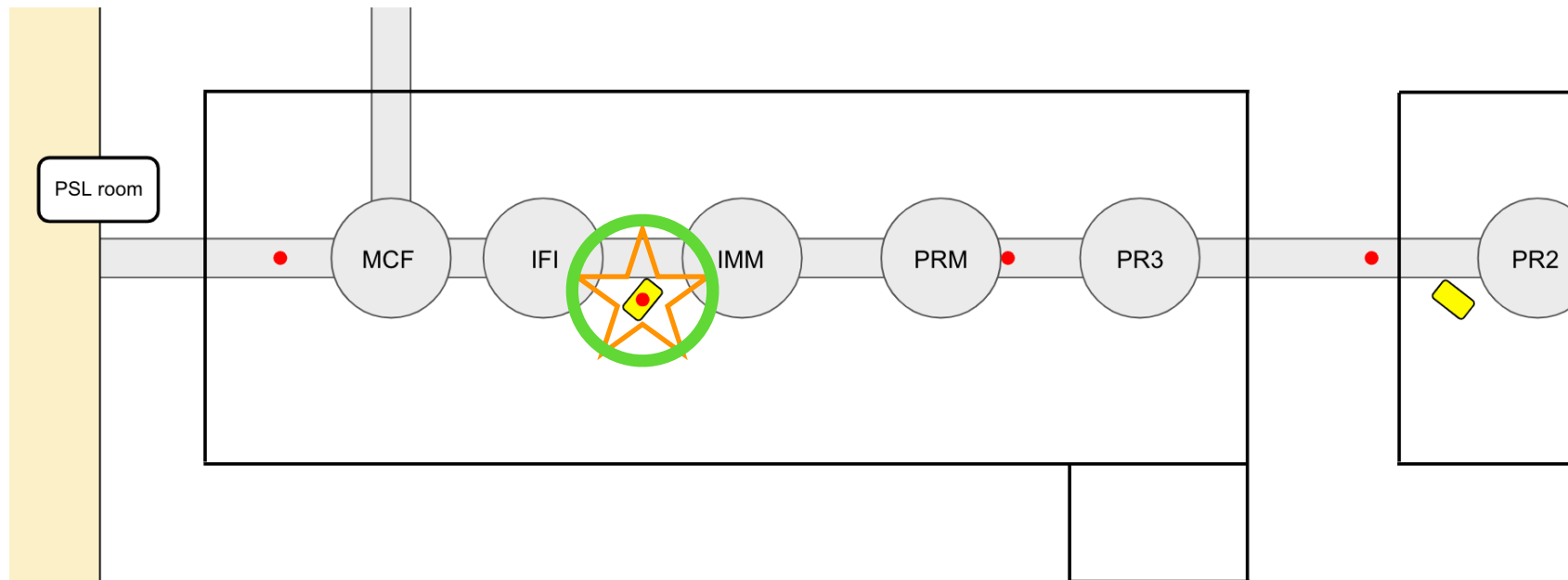
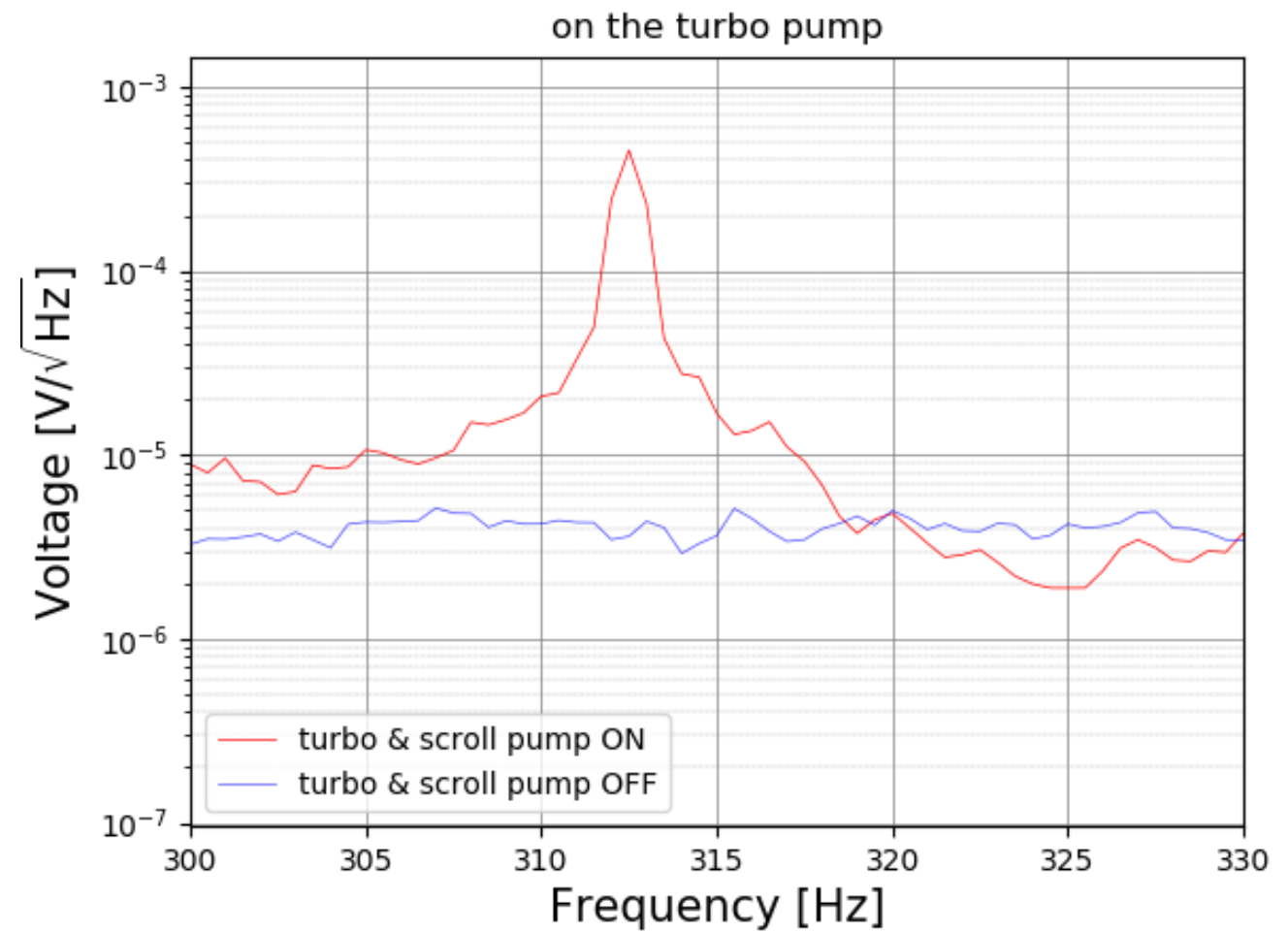
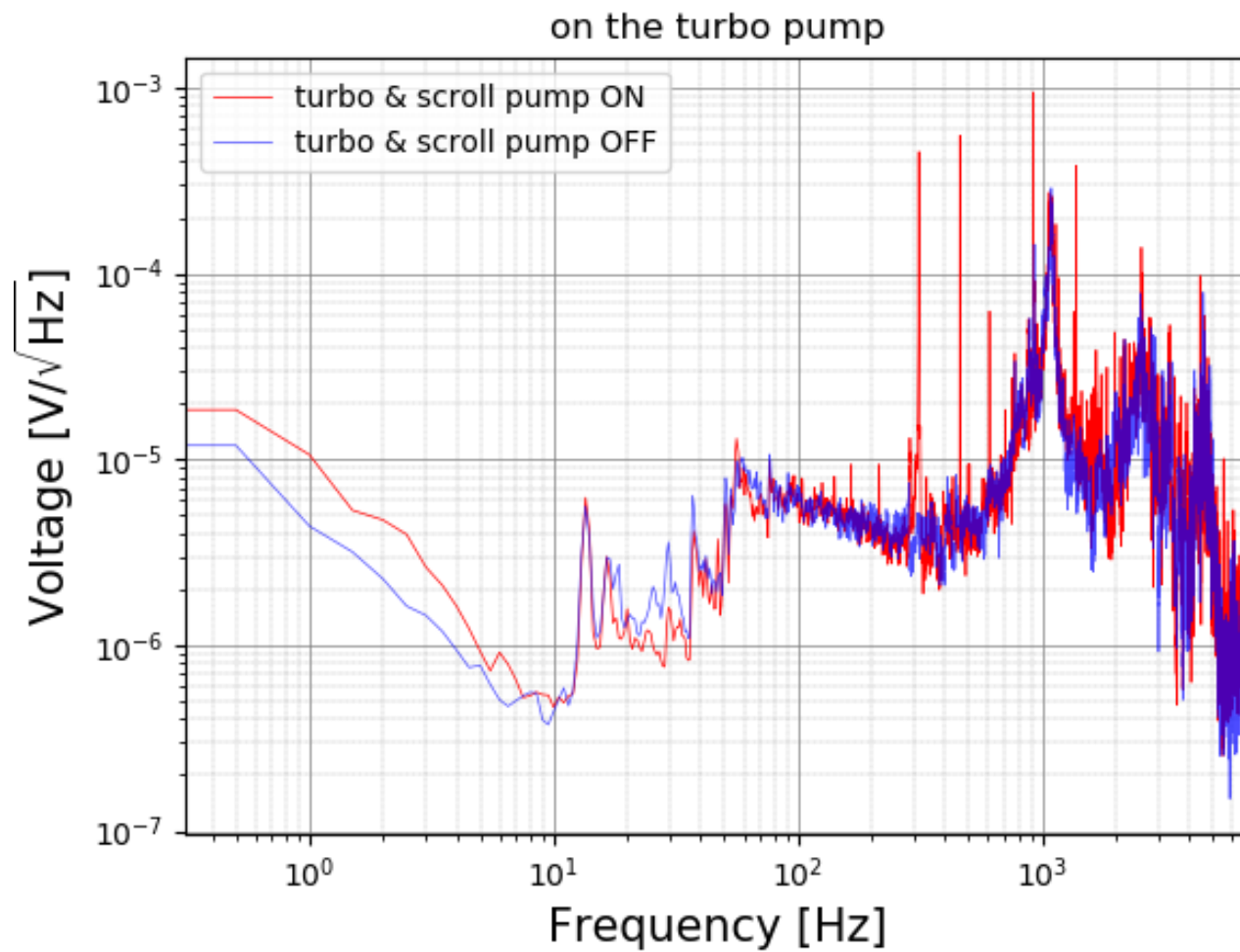
Beam duct near PSL room



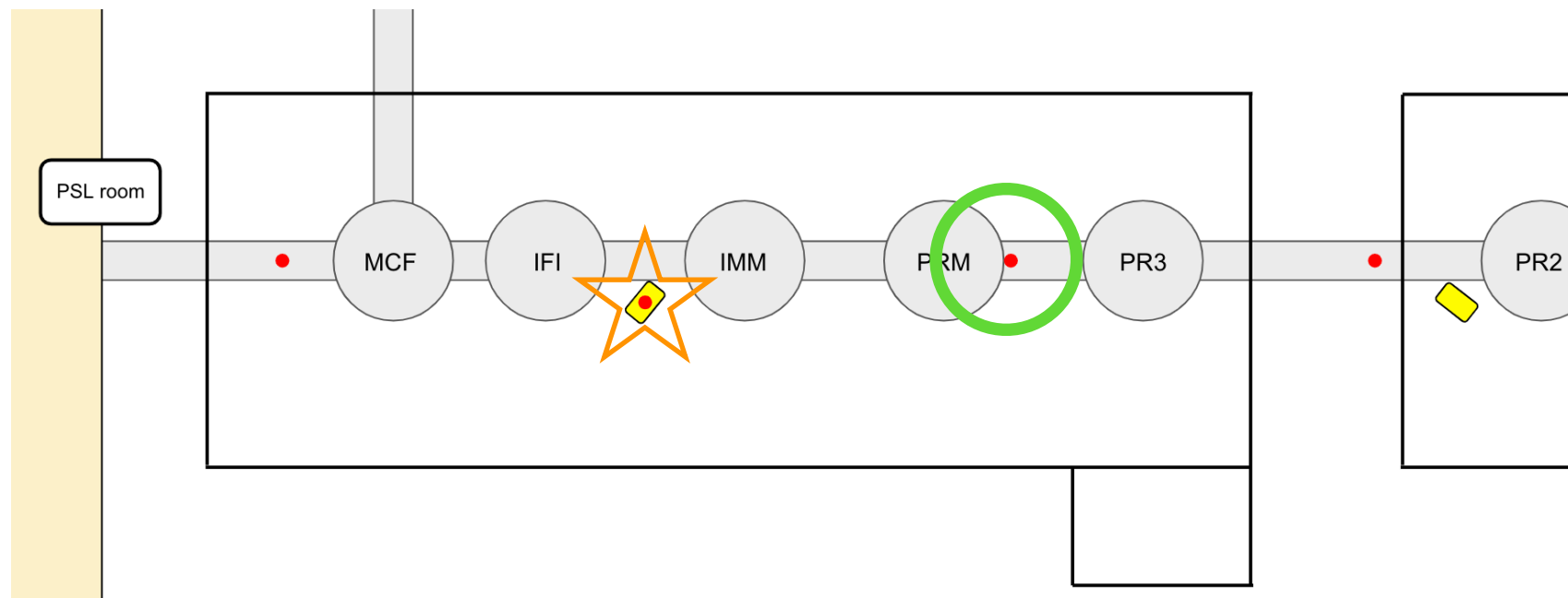
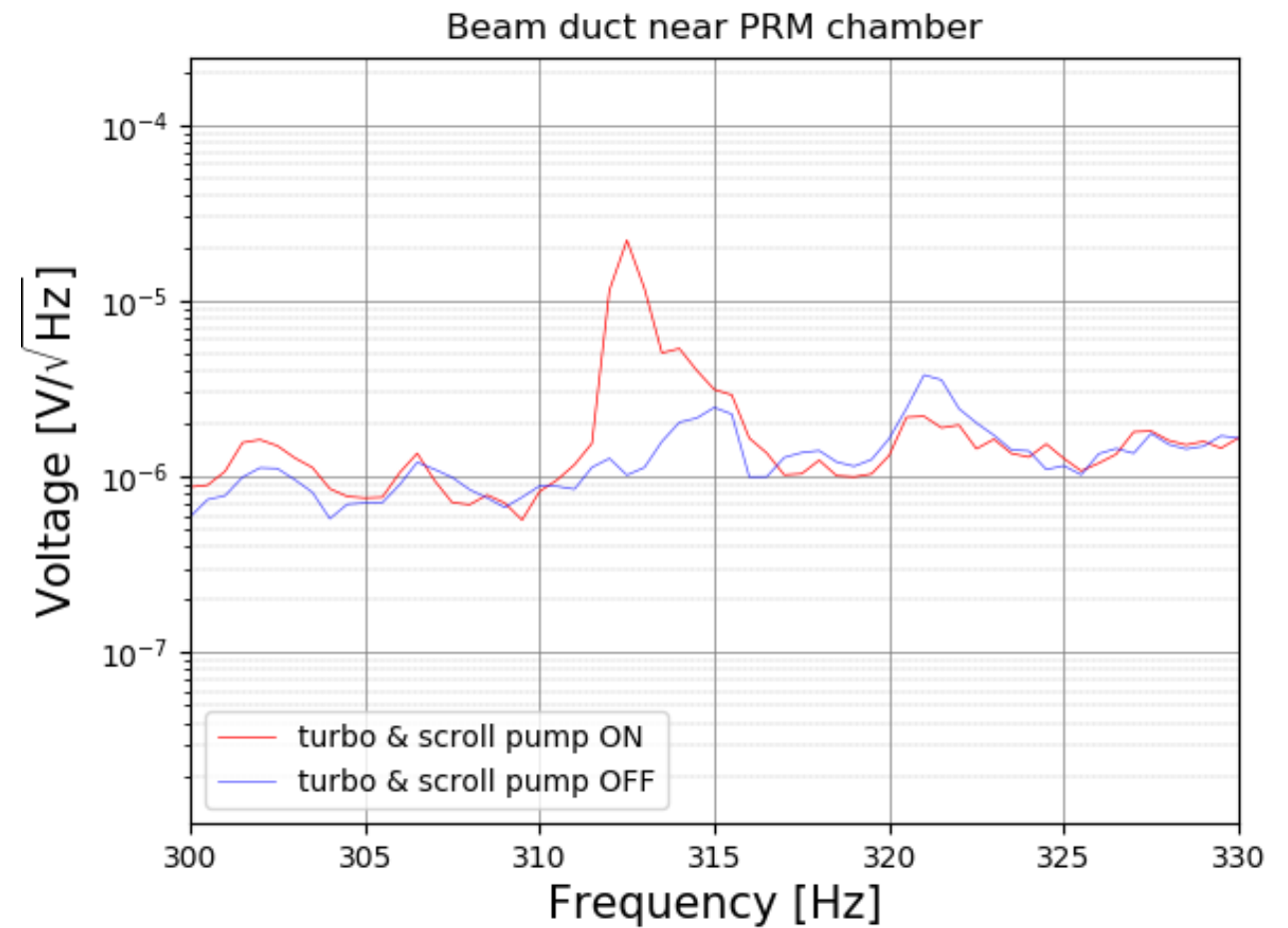
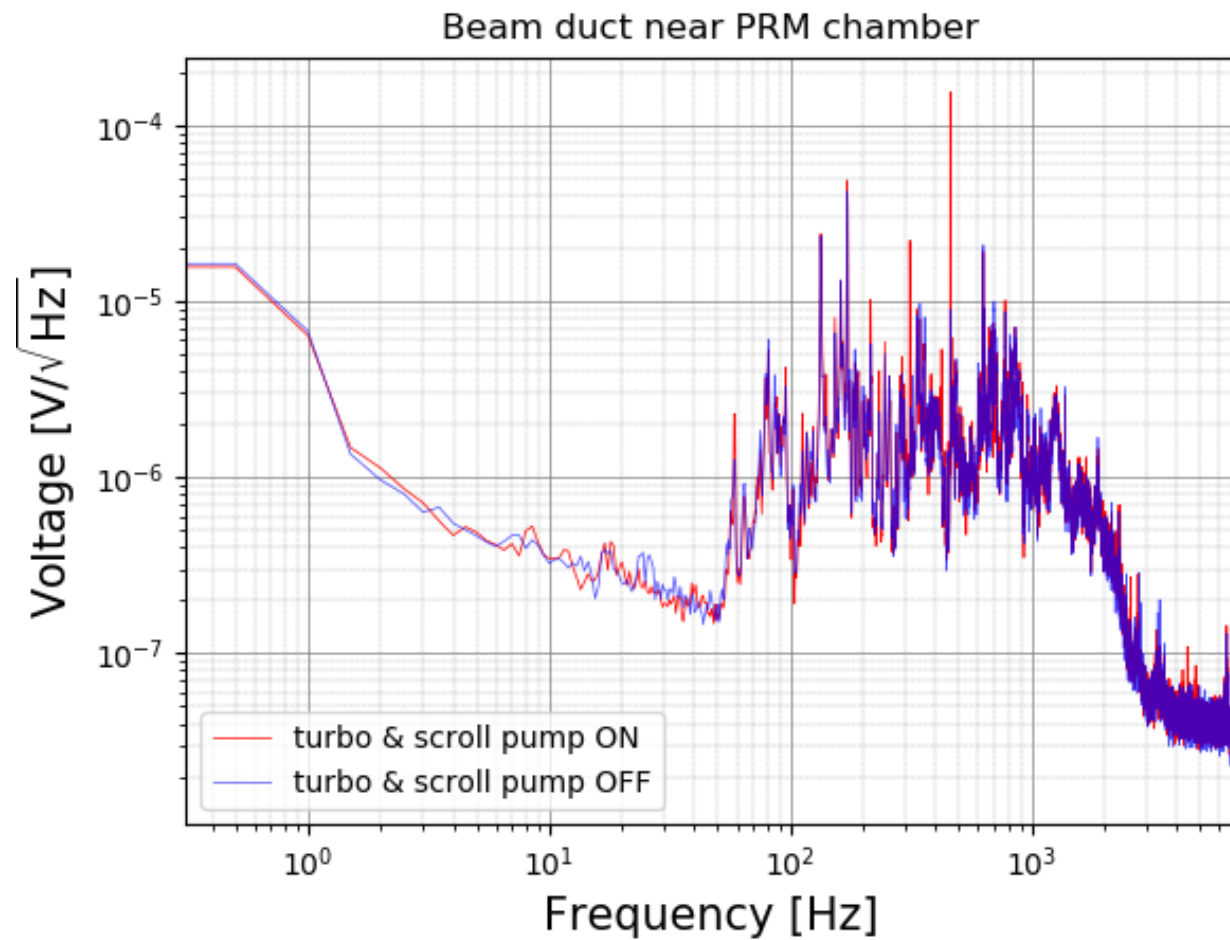
Beam duct near PSL room



IMMのポンプ ON OFF, PR2のポンプ ON ターボポンプの上

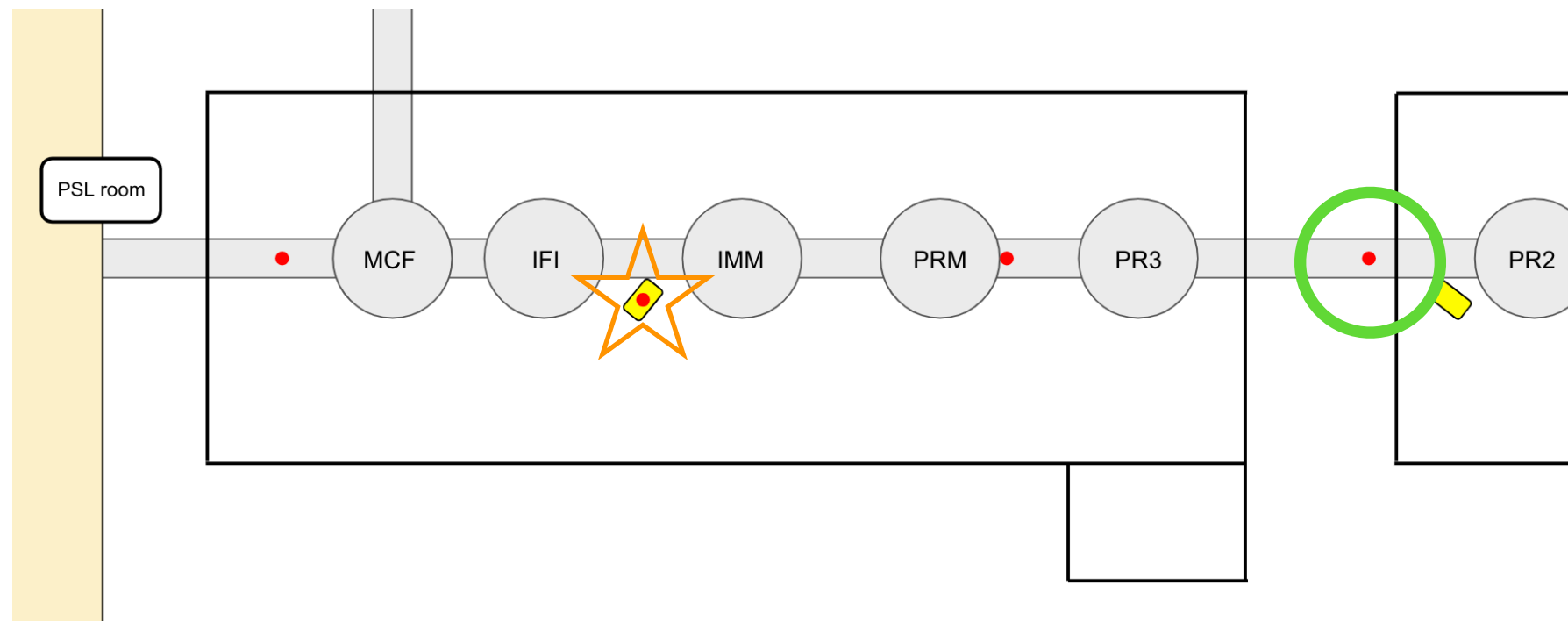
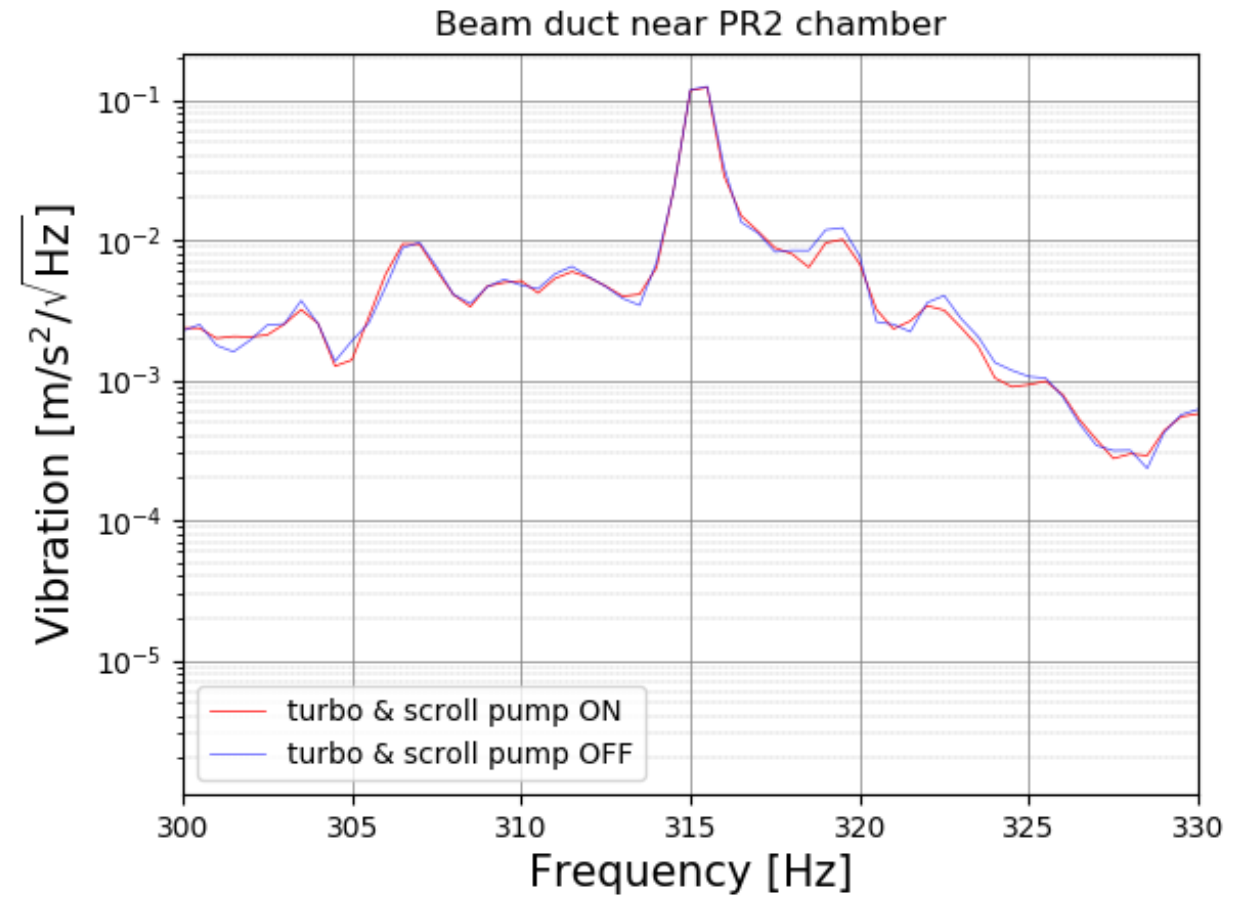
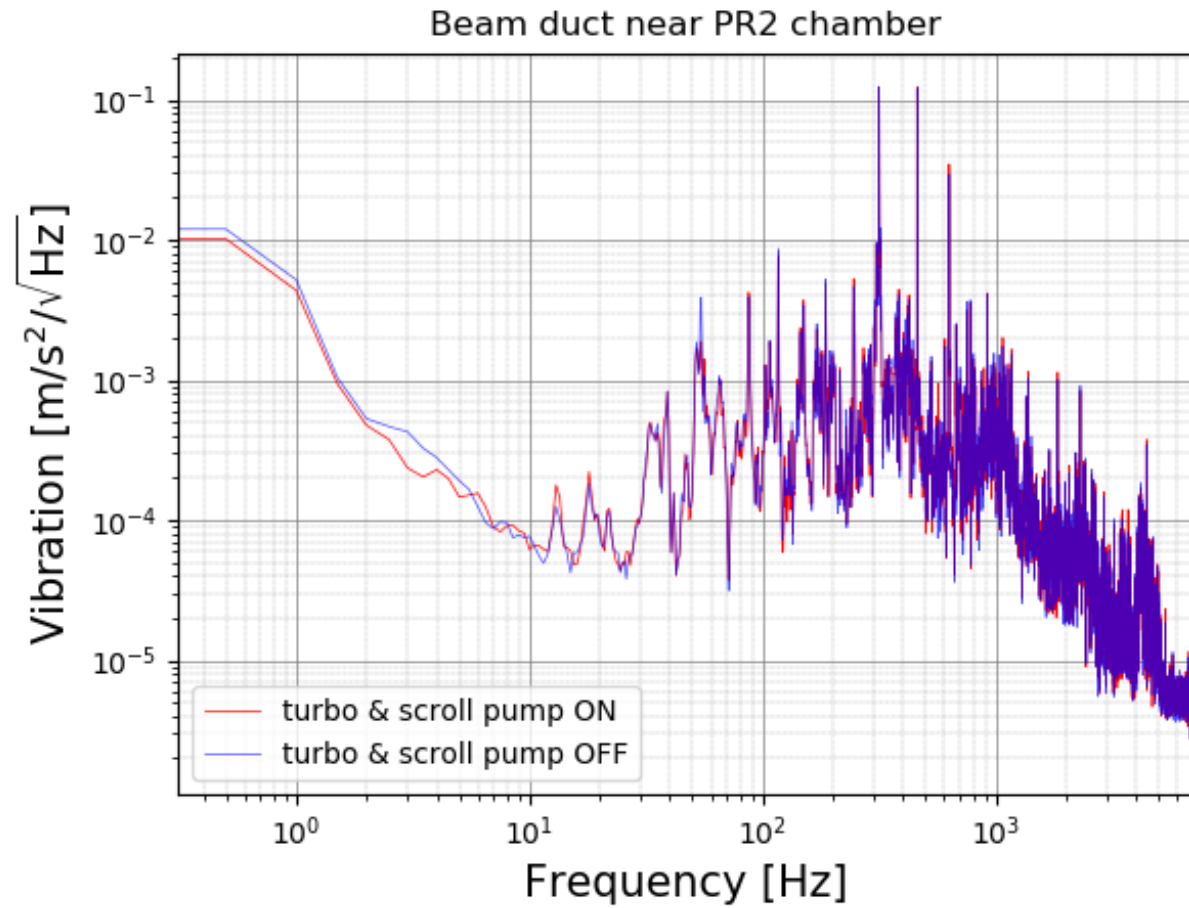


IMMのポンプ ON OFF, PR2のポンプ ON PRMチェンバー近くのダクト上

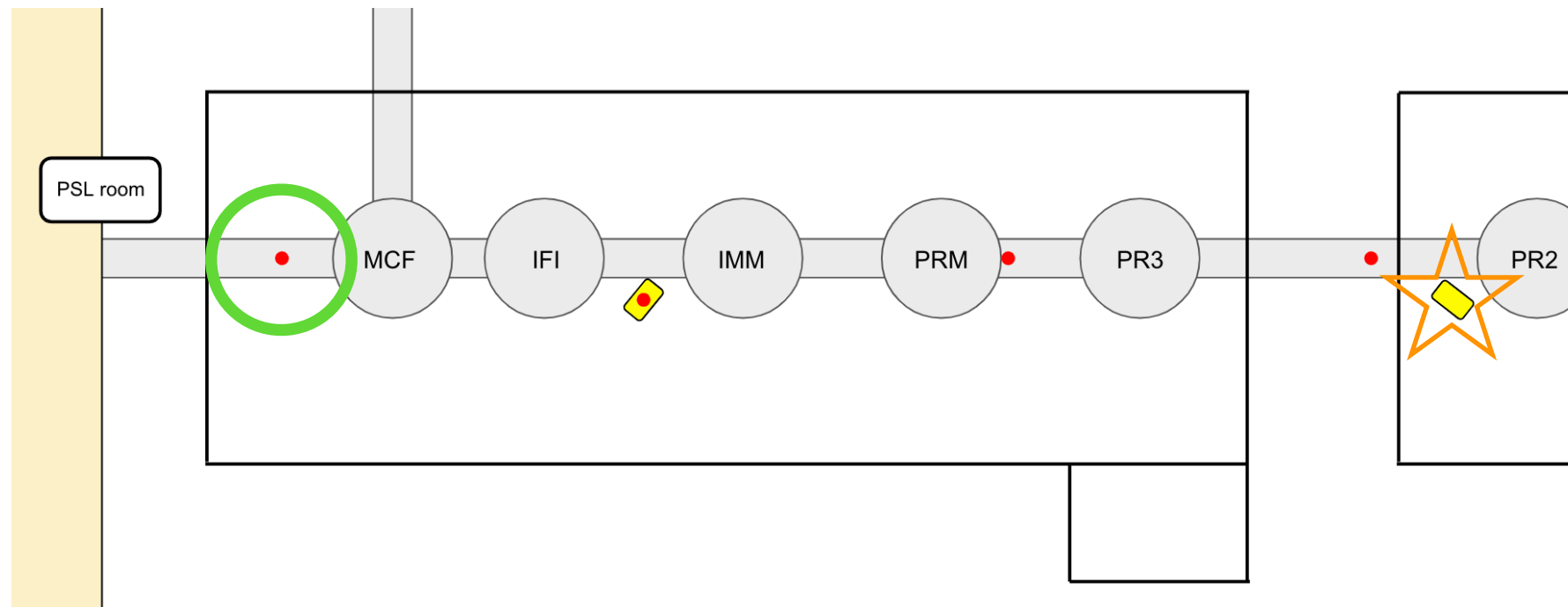
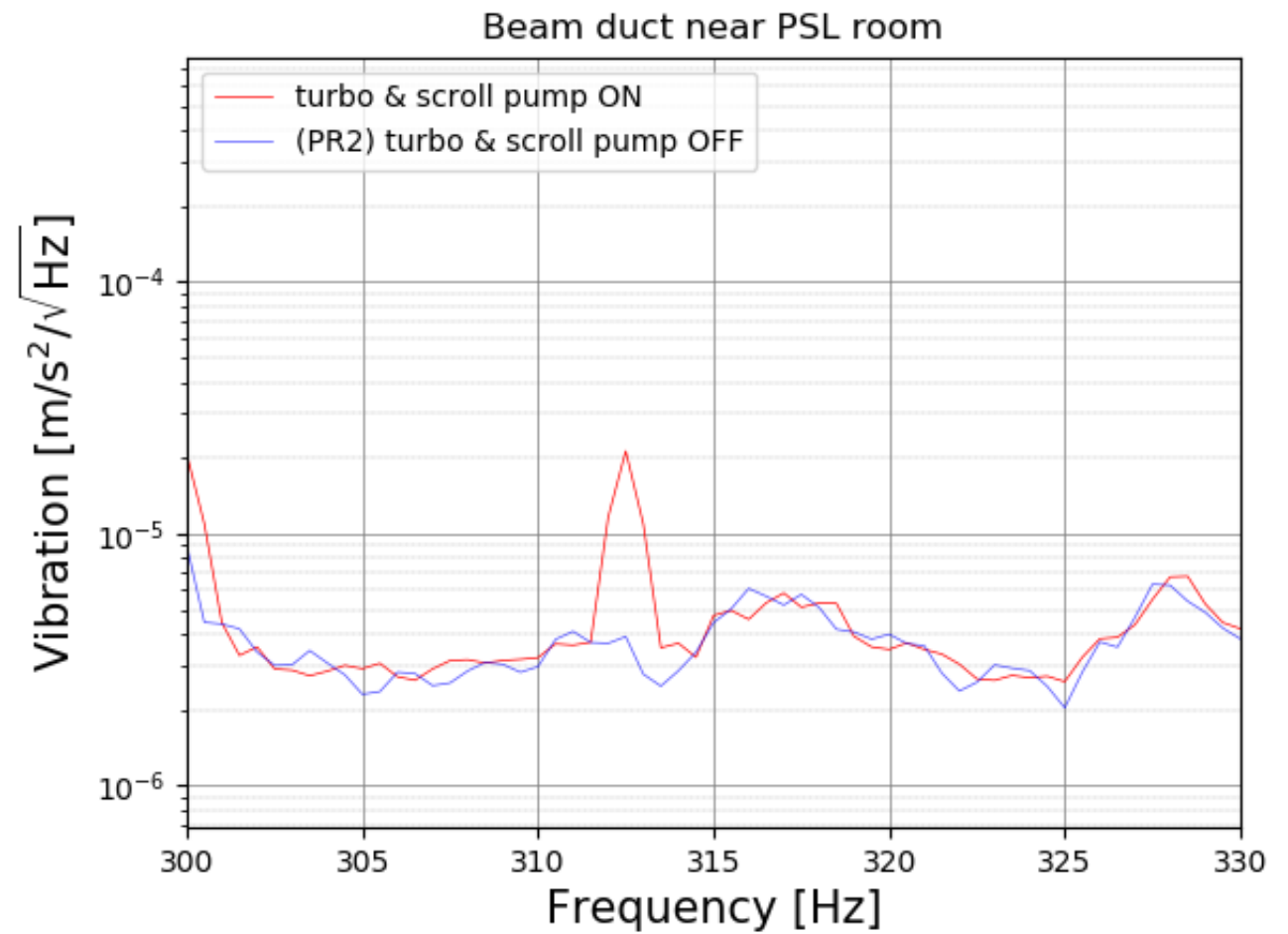
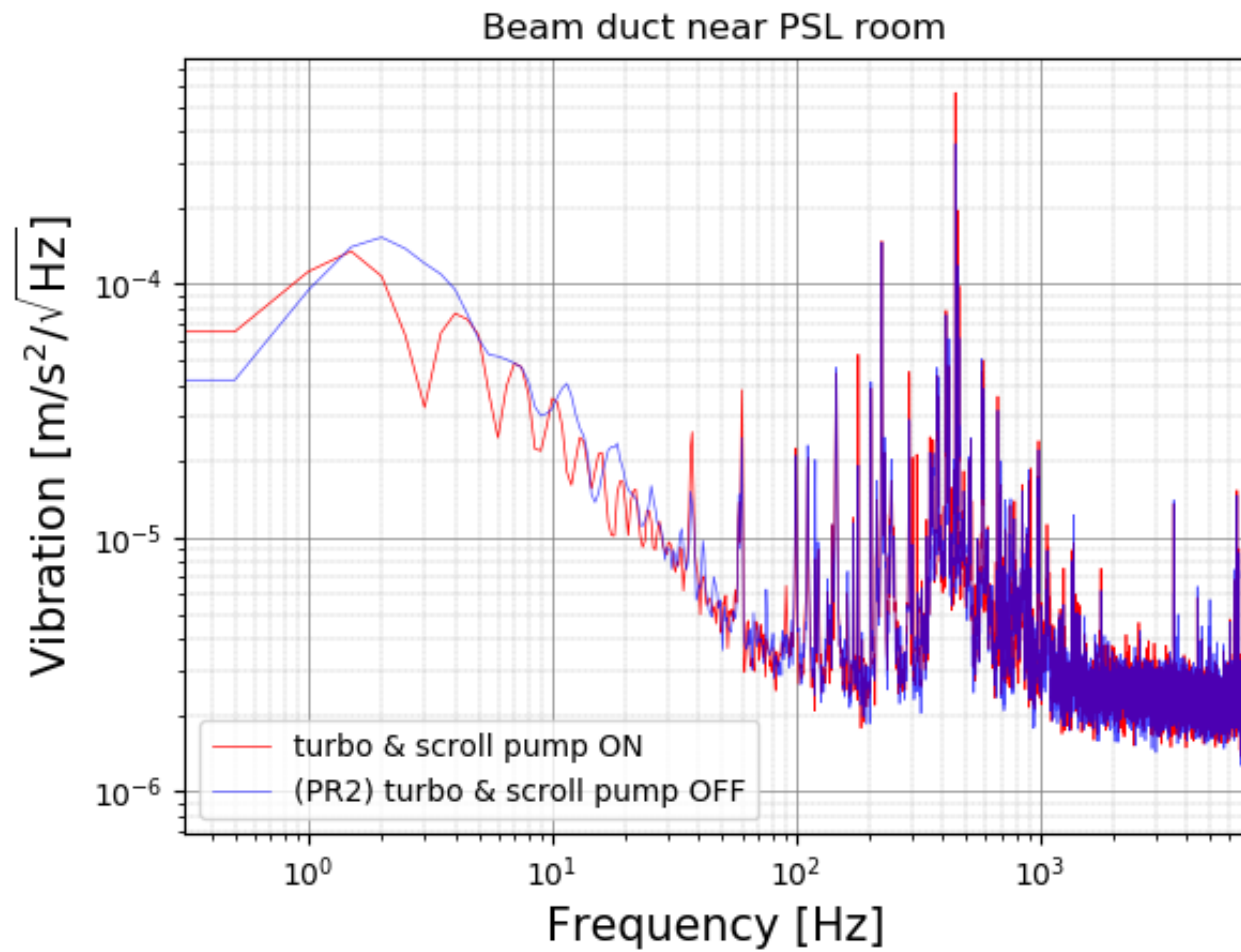


IMMのポンプ **ON** **OFF**, PR2のポンプ **ON**

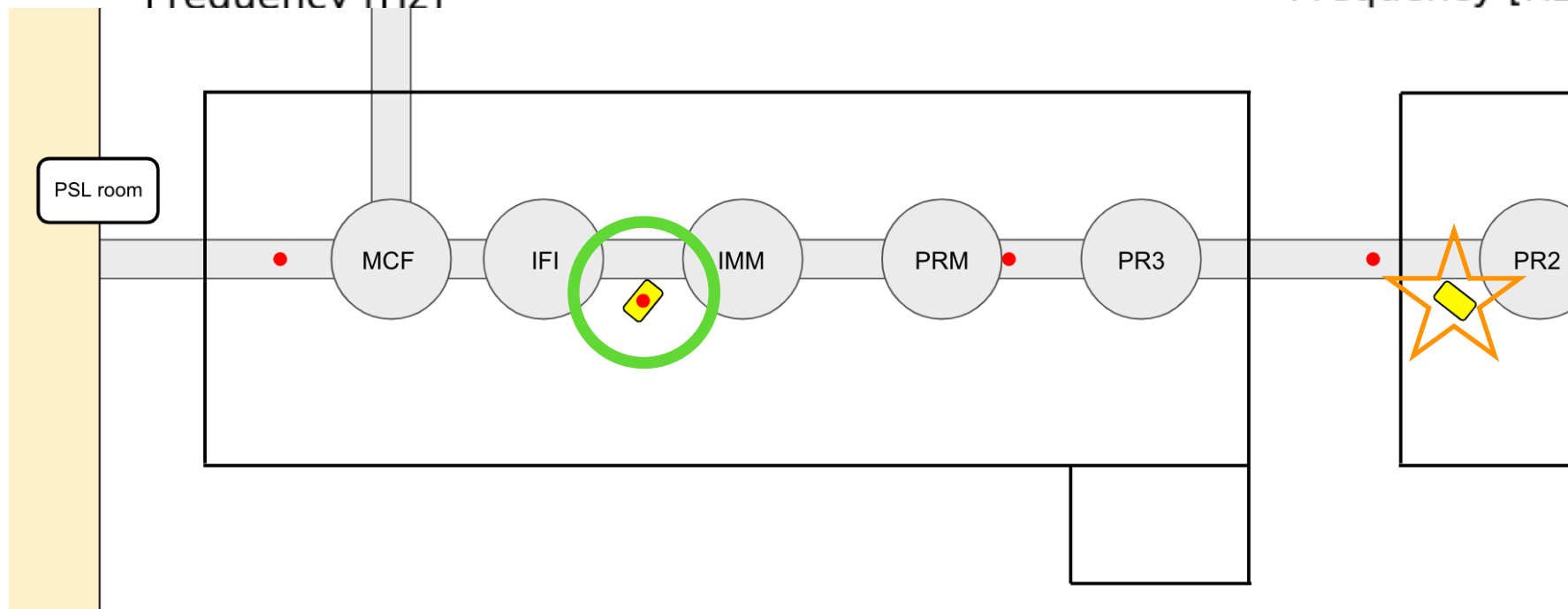
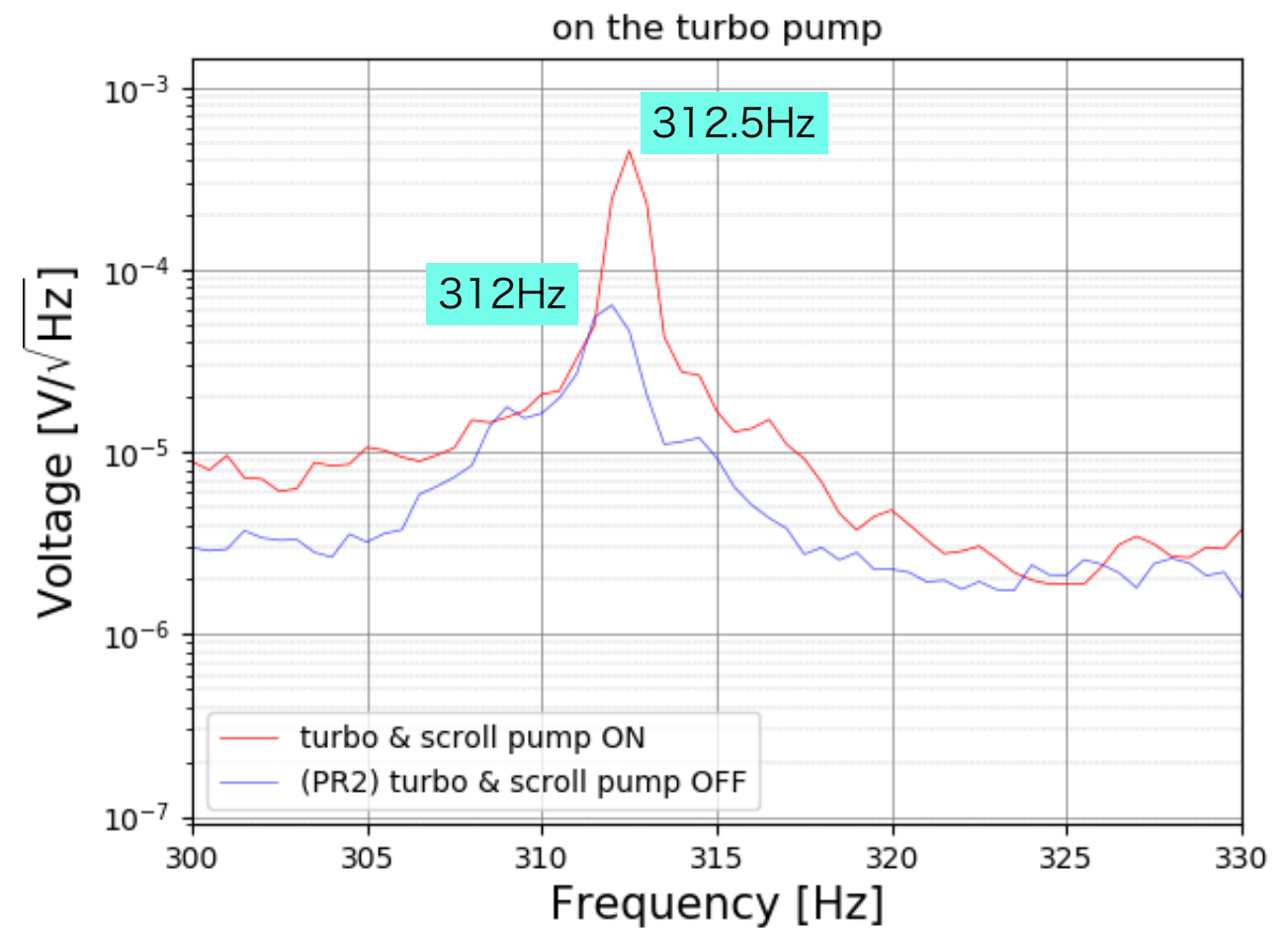
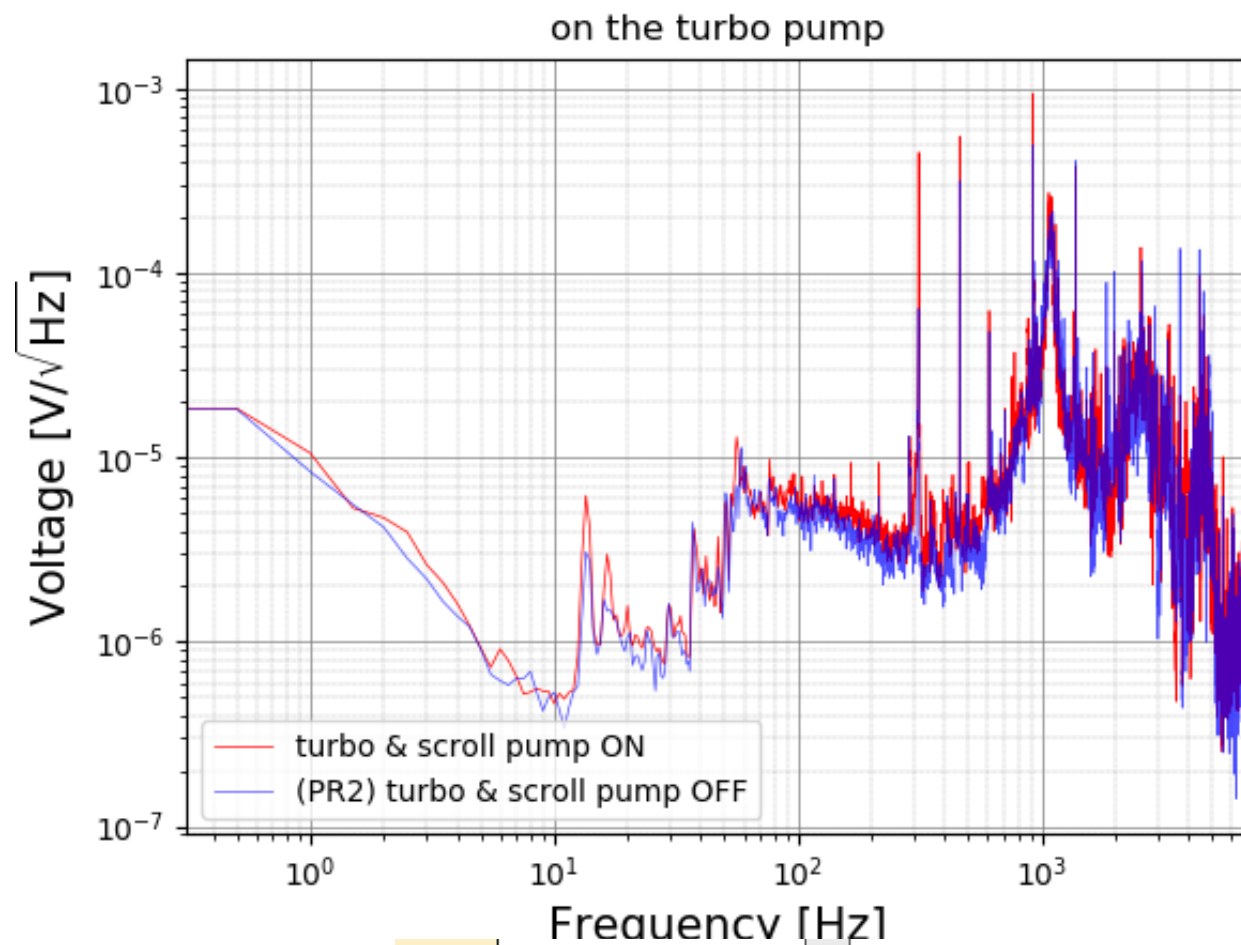
PR2チェンバー近くのダクト上



PR2のポンプ ON OFF, IMMのポンプ ON PSL room近くのダクト上



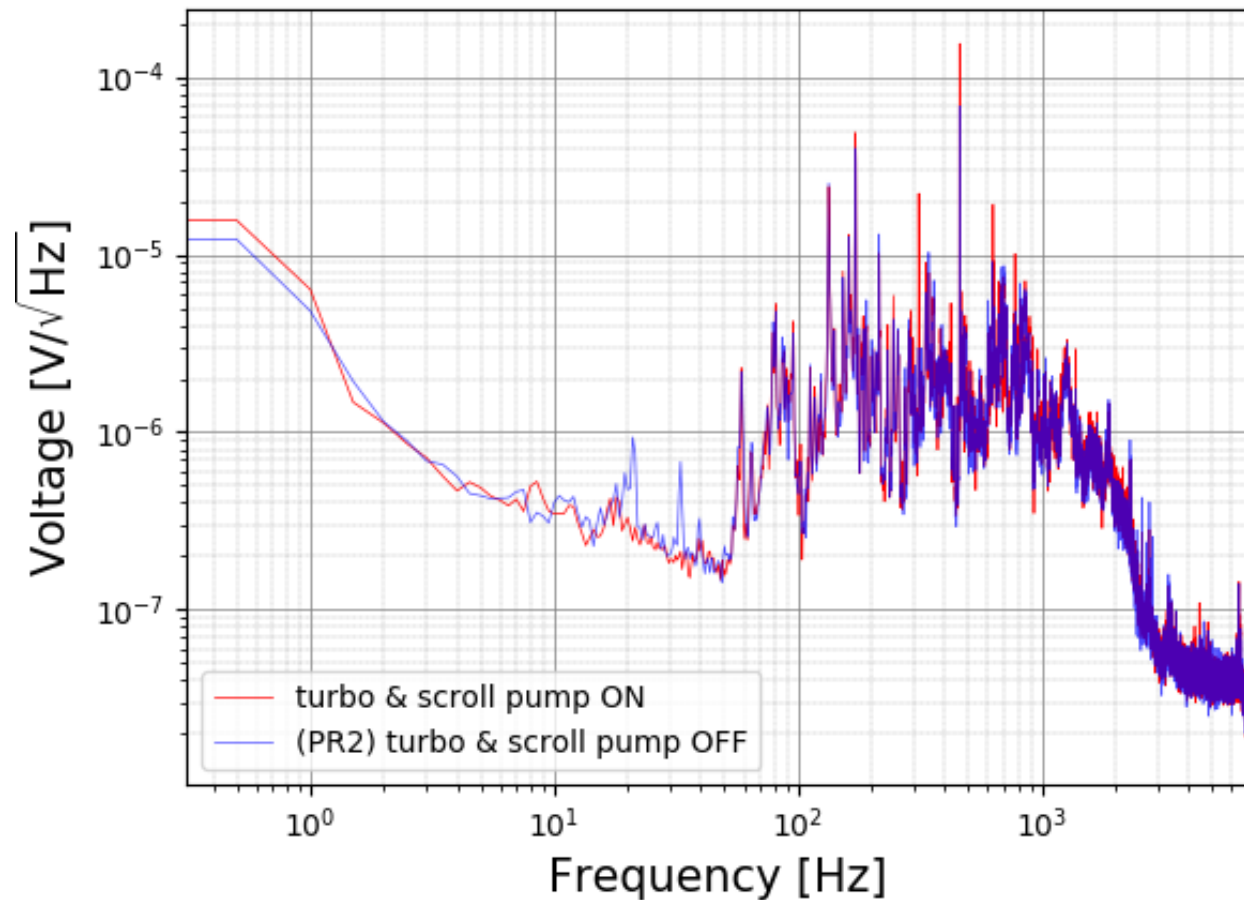
PR2のポンプ ON OFF, IMMのポンプ ON ターボポンプの上



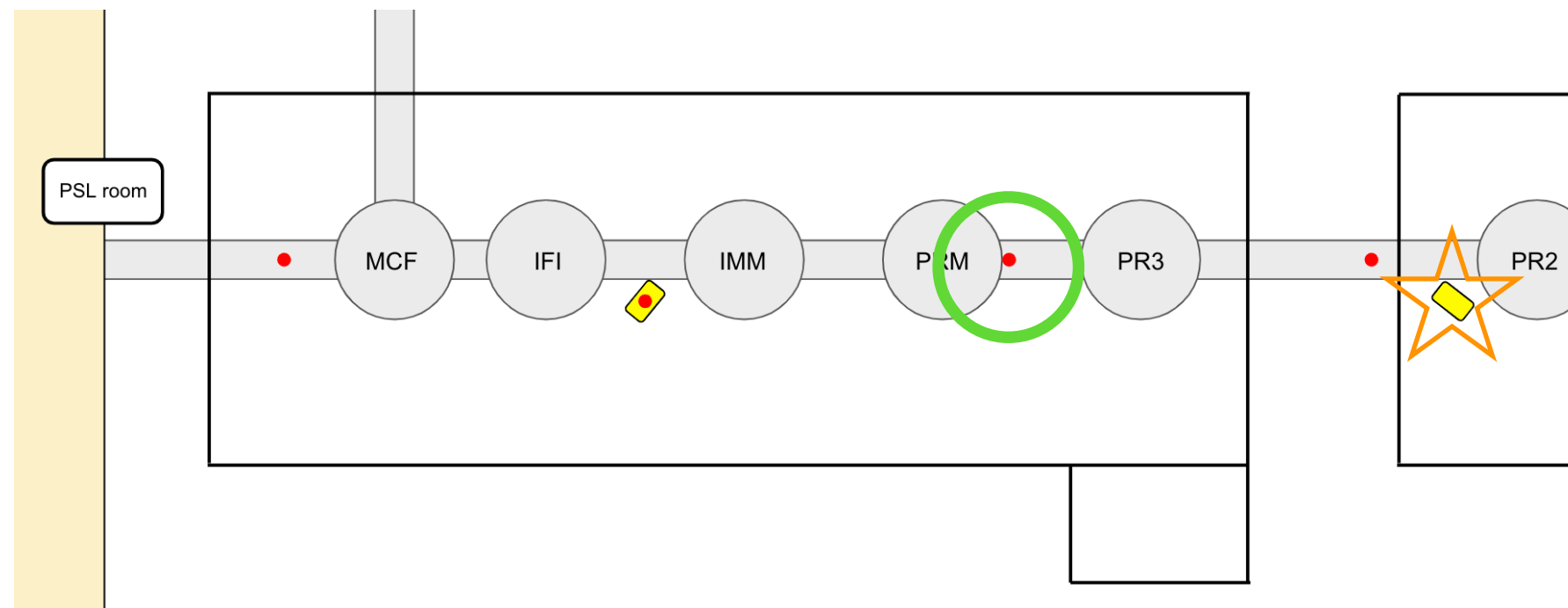
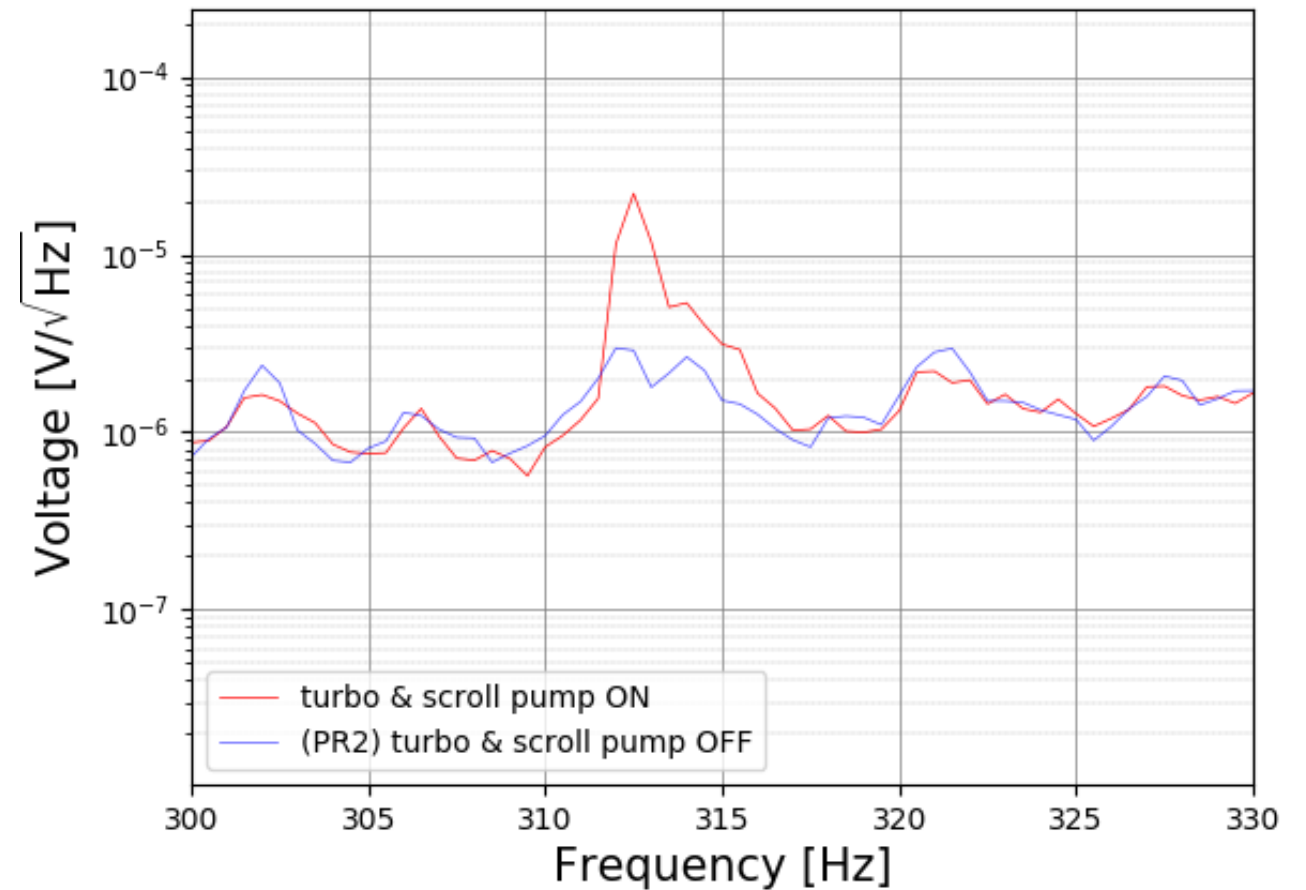
PR2のポンプ ON OFF, IMMのポンプ ON

PRMチェンバー近くのダクト上

Beam duct near PRM chamber



Beam duct near PRM chamber

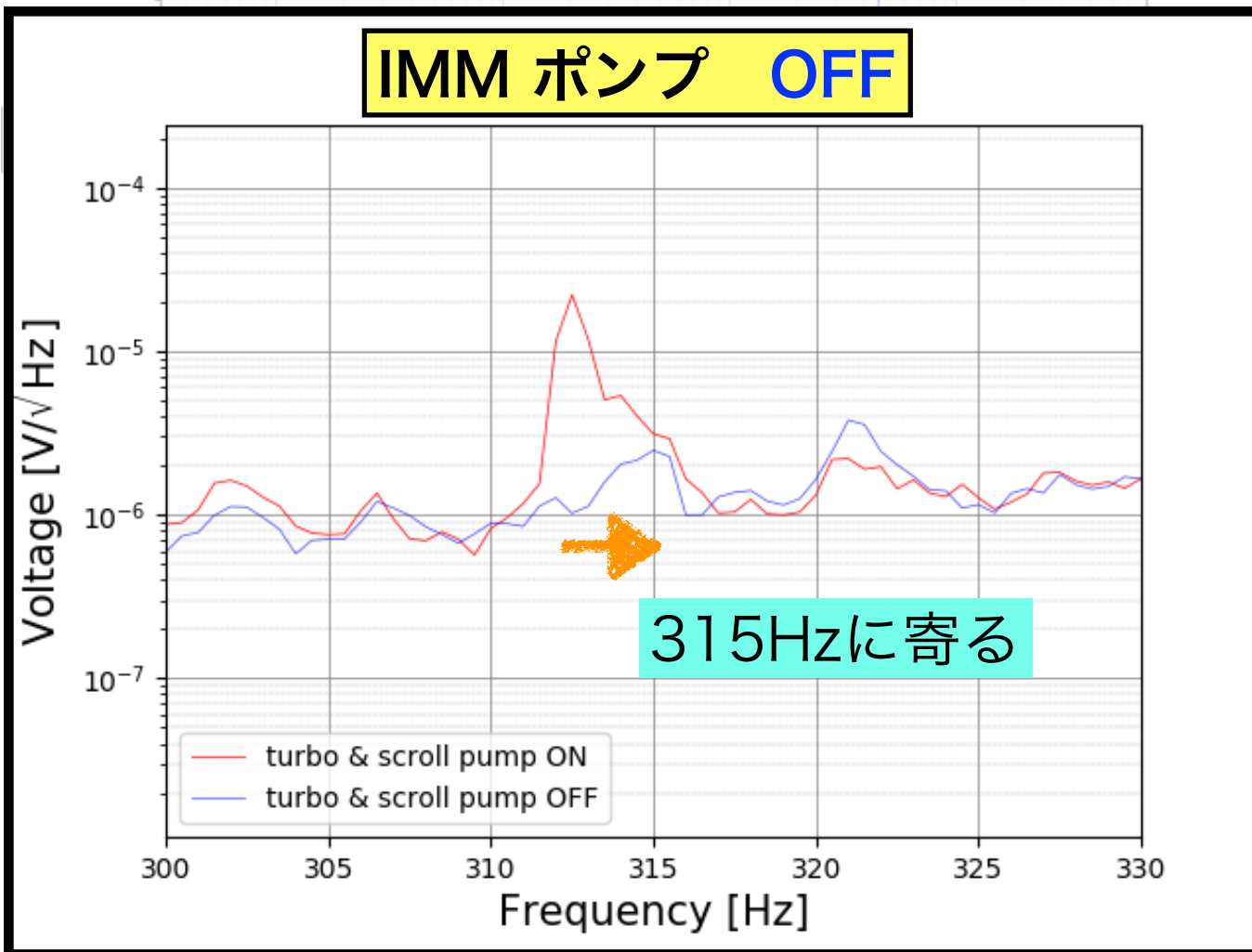


PR2のポンプ ON OFF, IMMのポンプ ON

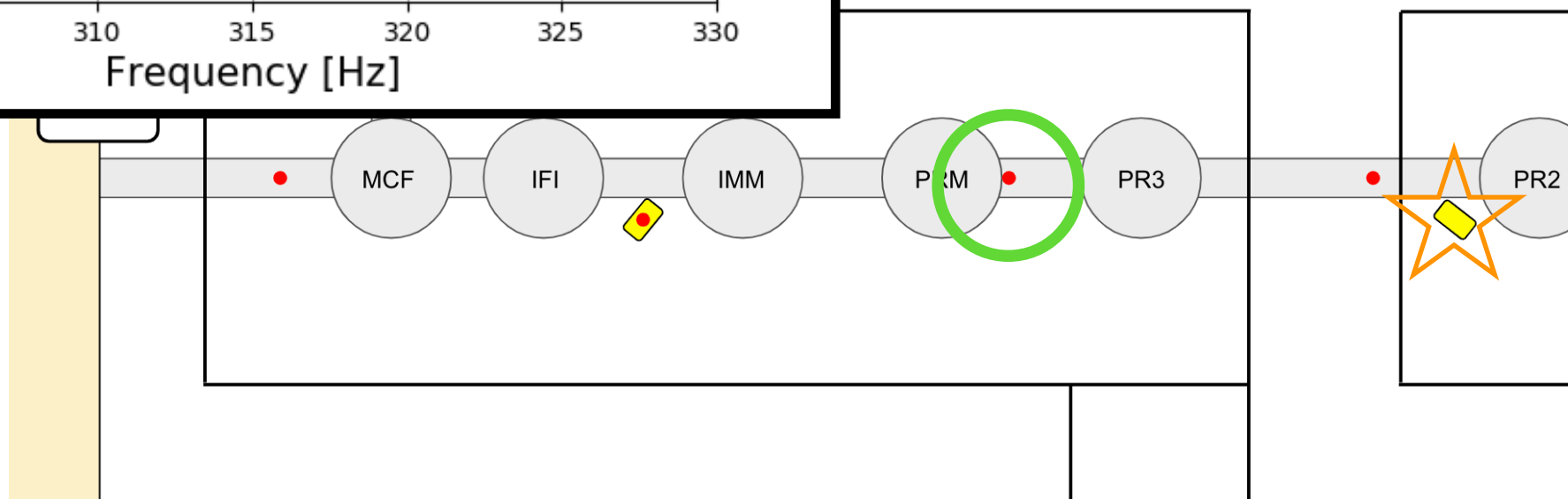
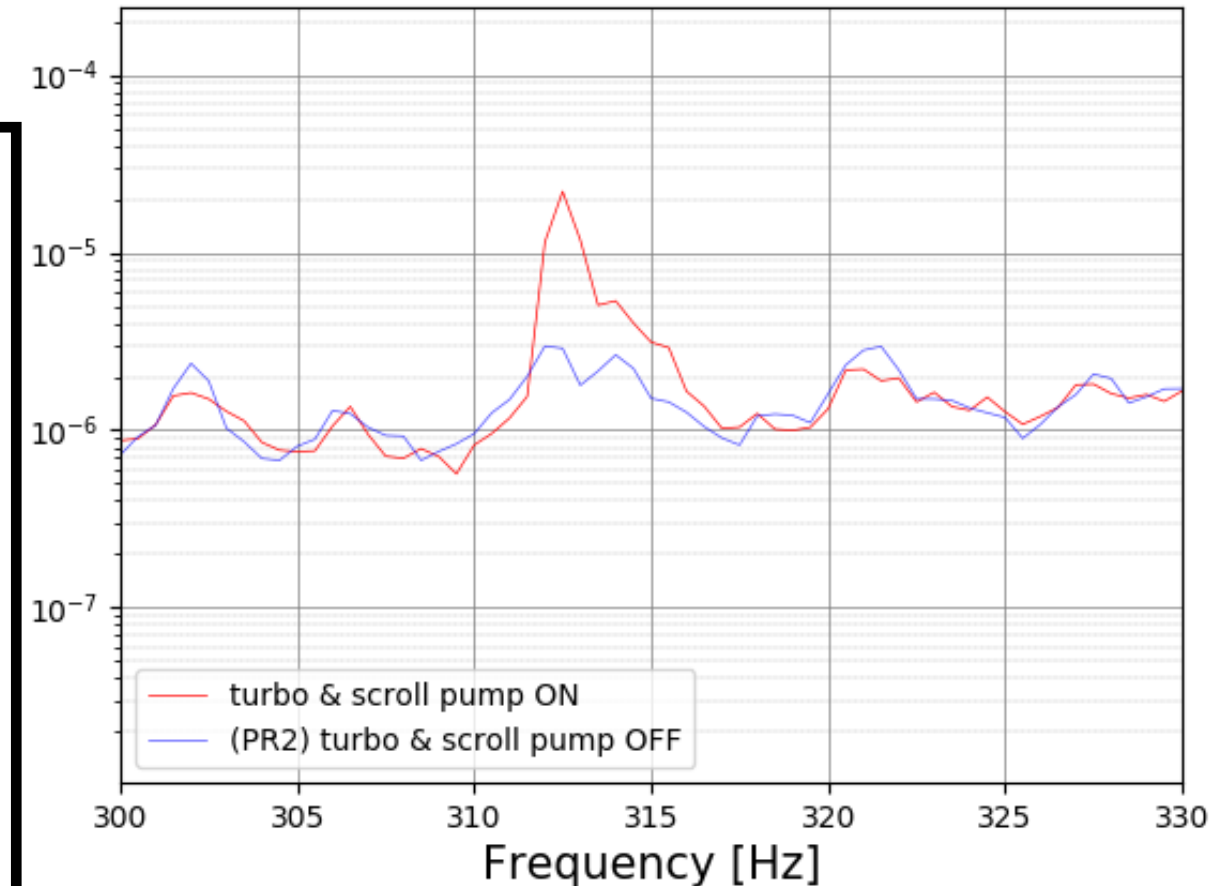
PRMチェンバー近くのダクト上

Beam duct near PRM chamber

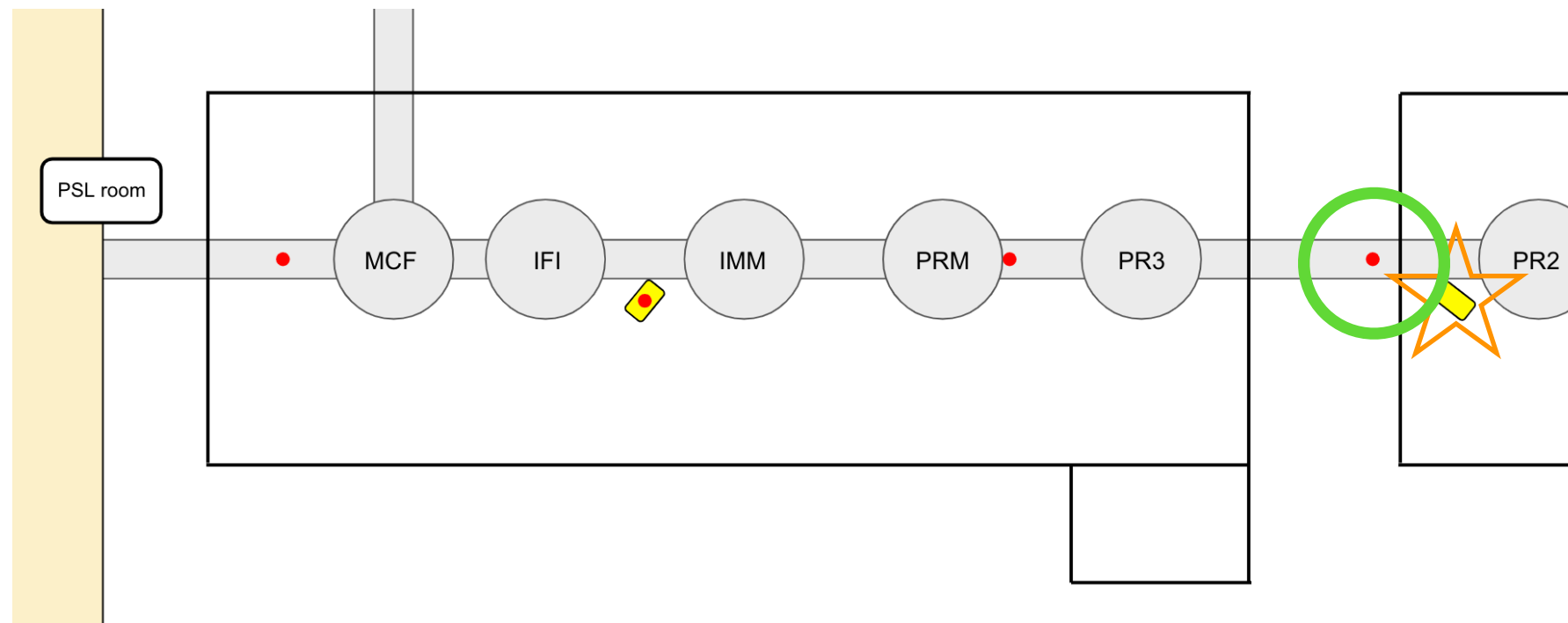
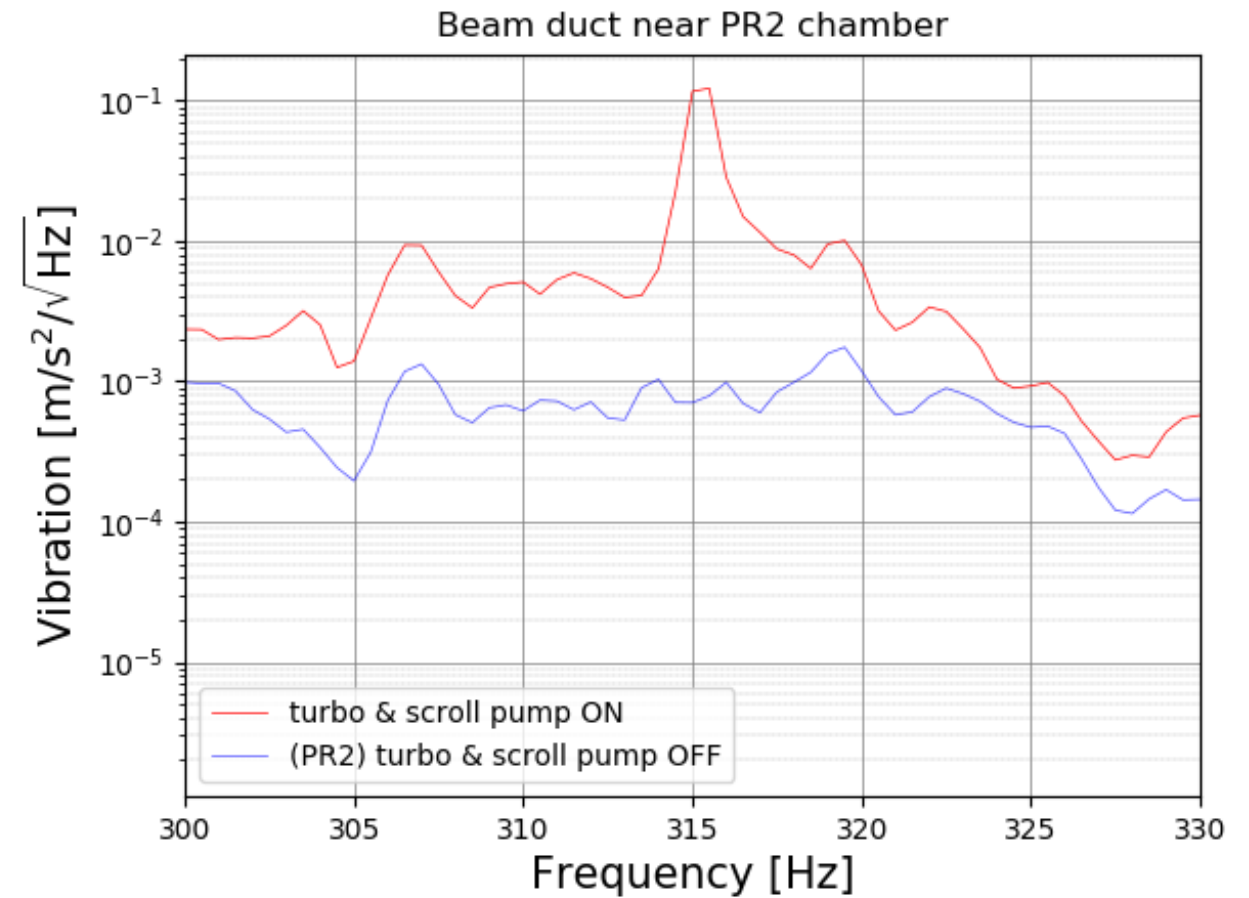
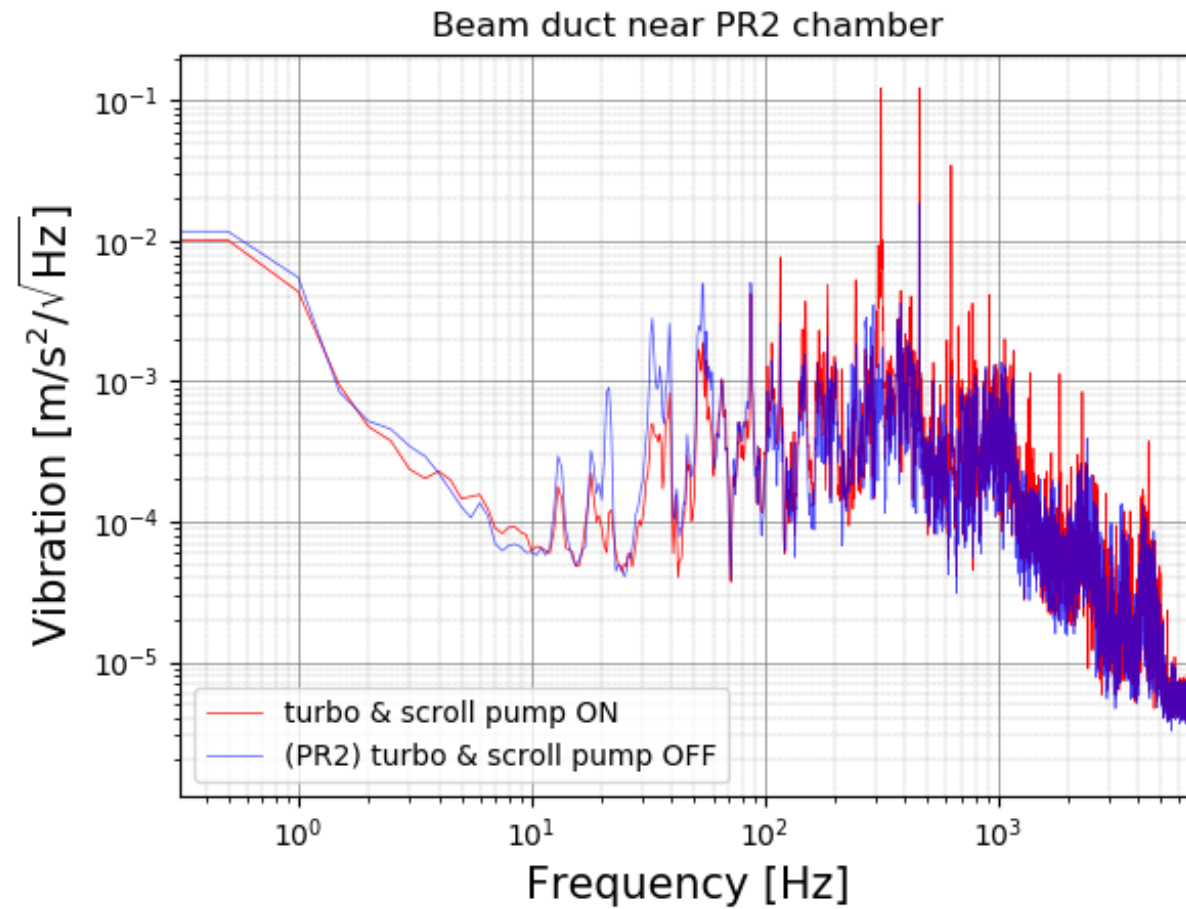
IMM ポンプ OFF



Beam duct near PRM chamber

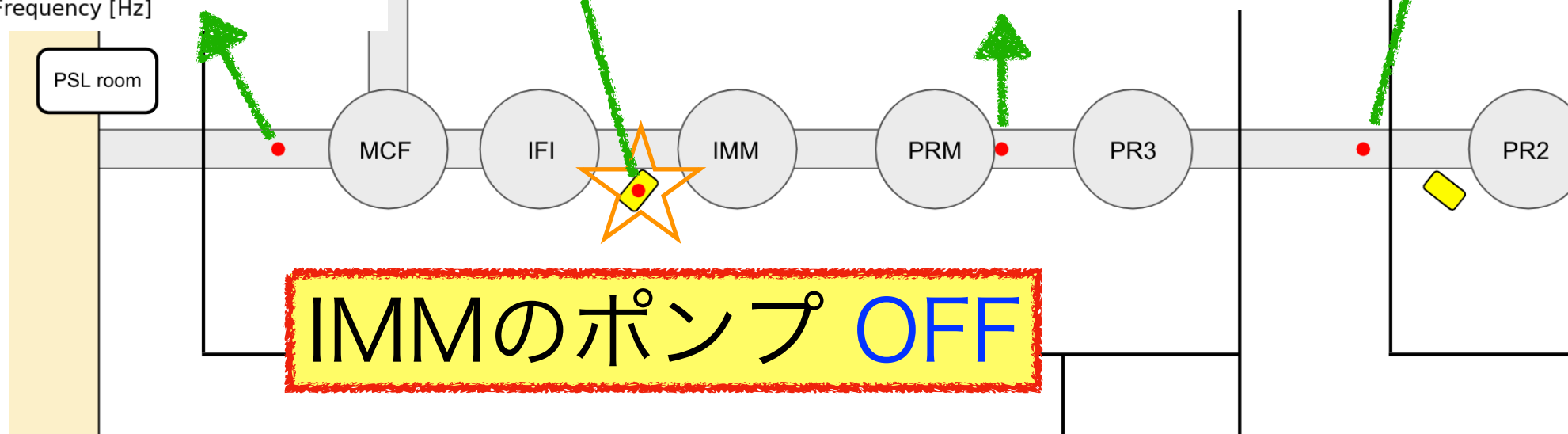
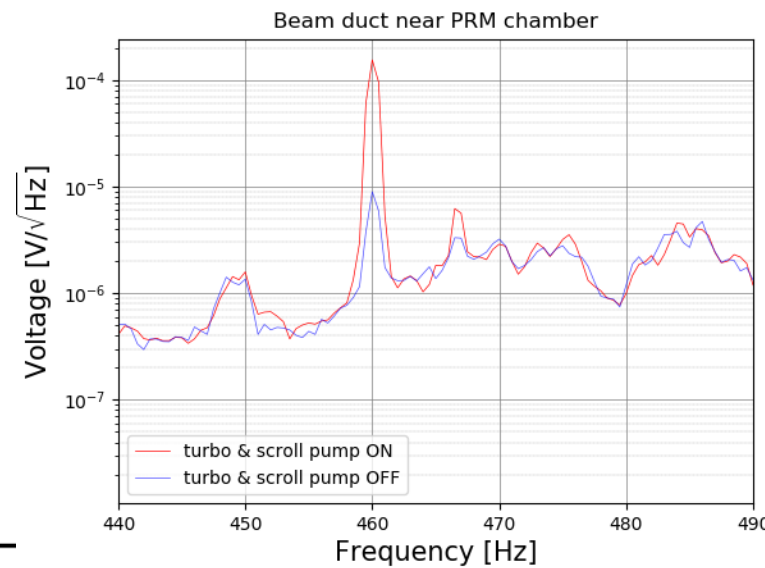
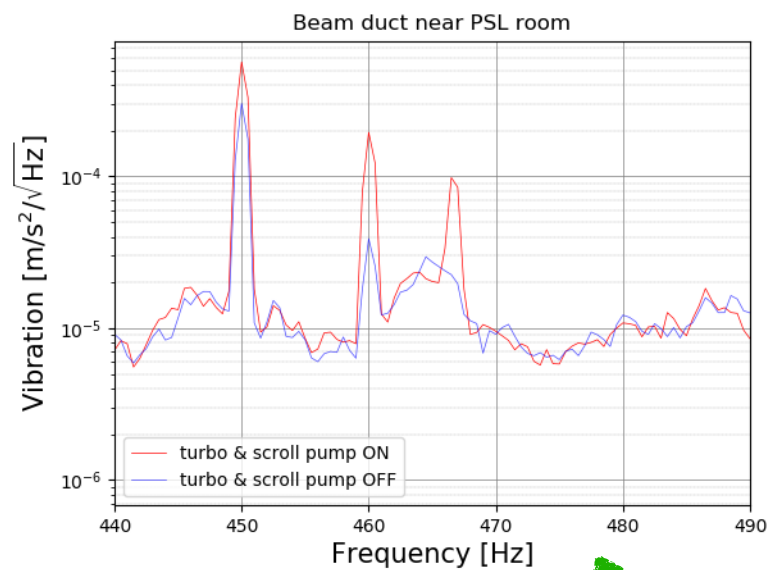
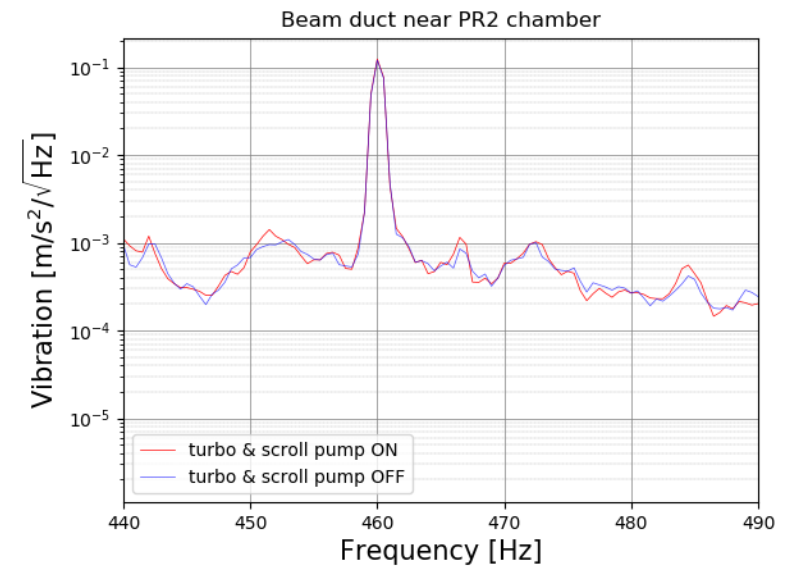
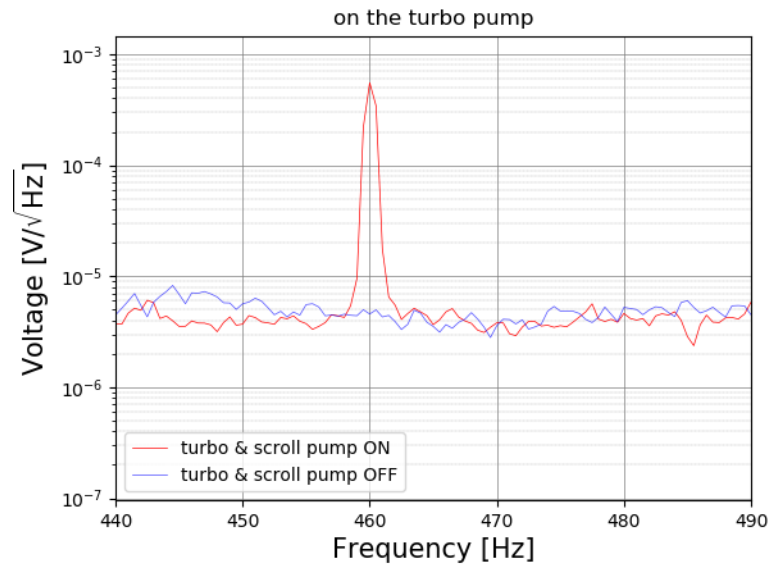


PR2のポンプ ON OFF, IMMのポンプ ON PR2チェンバー近くのダクト上



ターボポンプ

27600 rpm -> 460 Hz



ターボポンプ

27600 rpm -> 460 Hz

