

# DVIA-MO1000 Installation Report

Ultra-narrow-linewidth optical resonator, frequency comb



<b>EQUIPMENT</b>	<b>Ultra-narrow-linewidth optical resonator</b>
<b>INSTALLATION SITE</b>	<b>1F</b>
<b>Remark</b>	<b>Excellent performance</b>
<b>END USER</b>	<b>National University of Singapore Center of Quantum</b>

Setup date: 2018.10.30

Engineer: Sugwon Choi

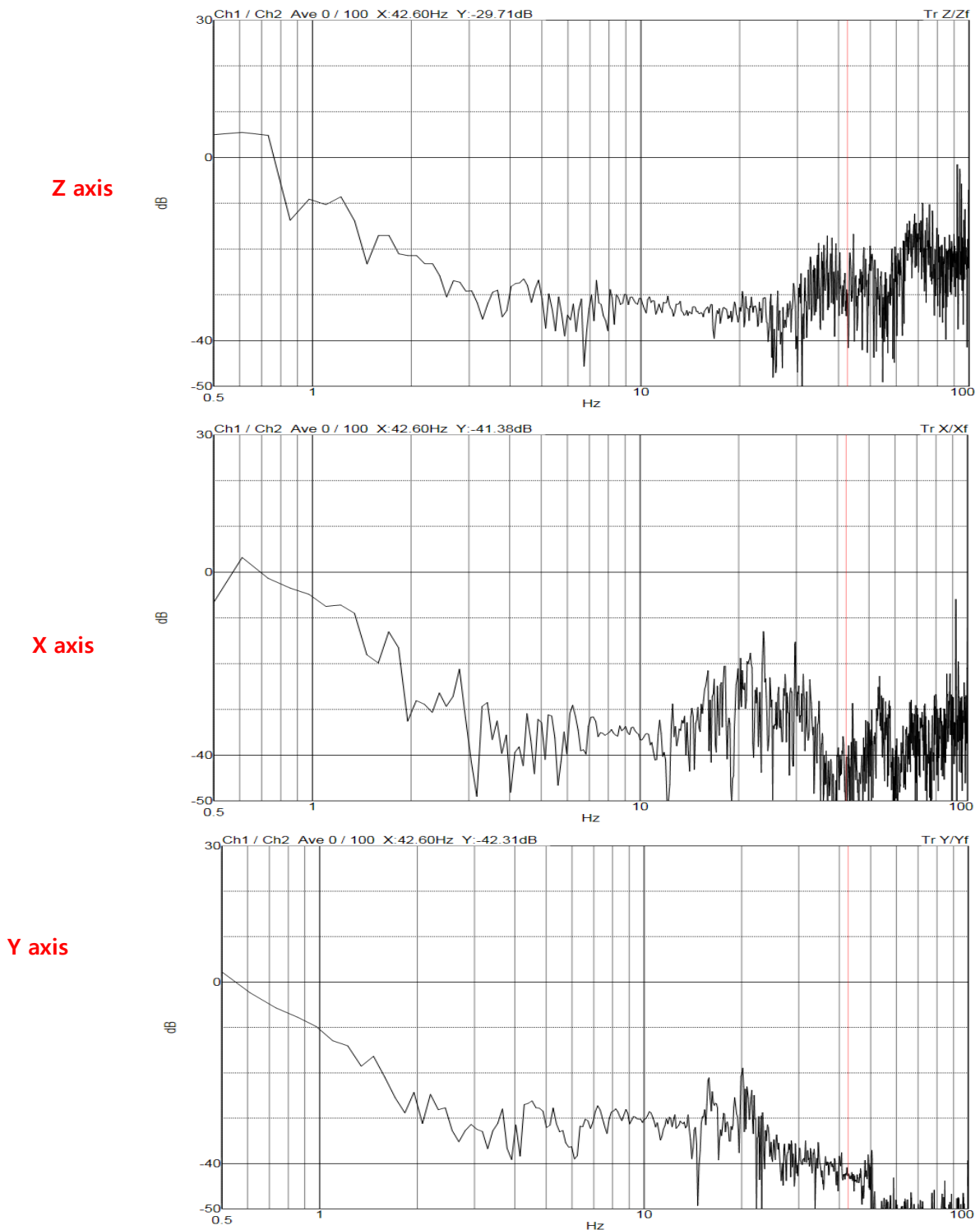
Test report written date: 2018.11.02

※ Summary

The Newport's pneumatic support was not meeting their vibration specification due to its passive isolators' limits thus the end-user replaced the pneumatic support with DAEIL SYSTEMS's active vibration isolators.

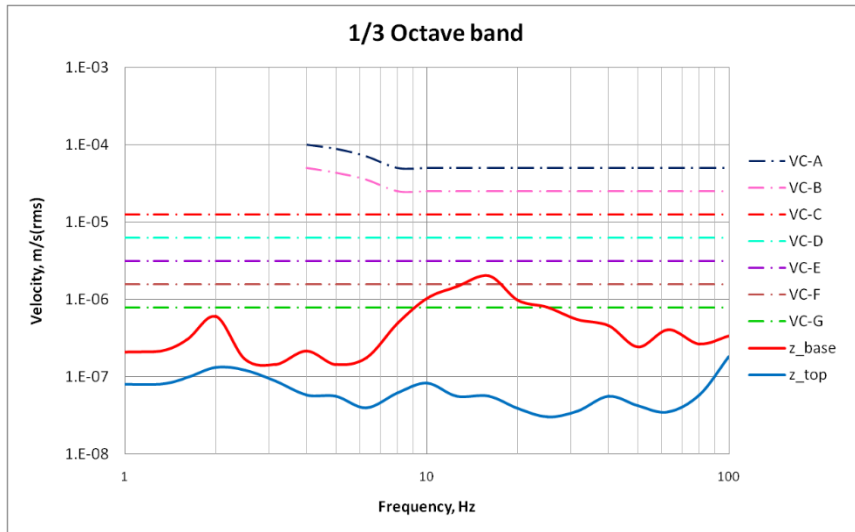
Measurement Points	Vibration Criterion (VC) Curves		
	Z	X	Y
Floor	E	D	F
On active isolation platform	G	G	G

※ MB1000 internal program performance measurement result

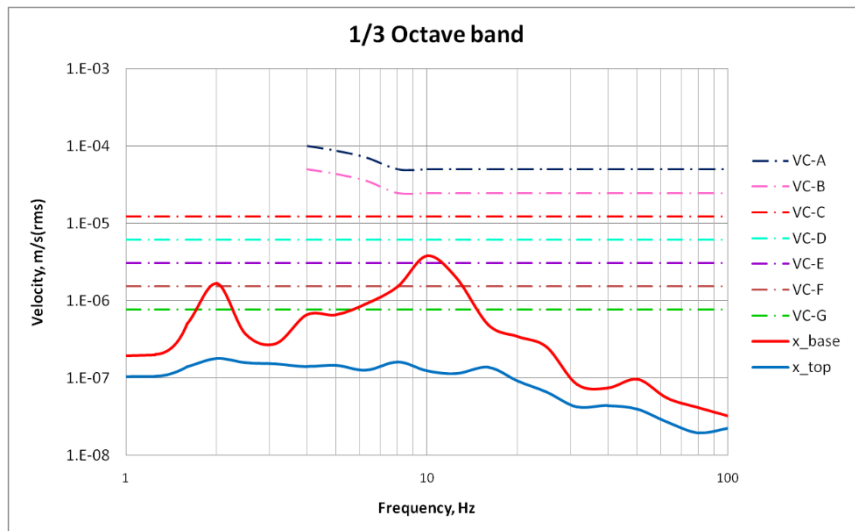


※ Results in Vibration Criterion (VC) Curves

Z axis



X axis



Y axis

