

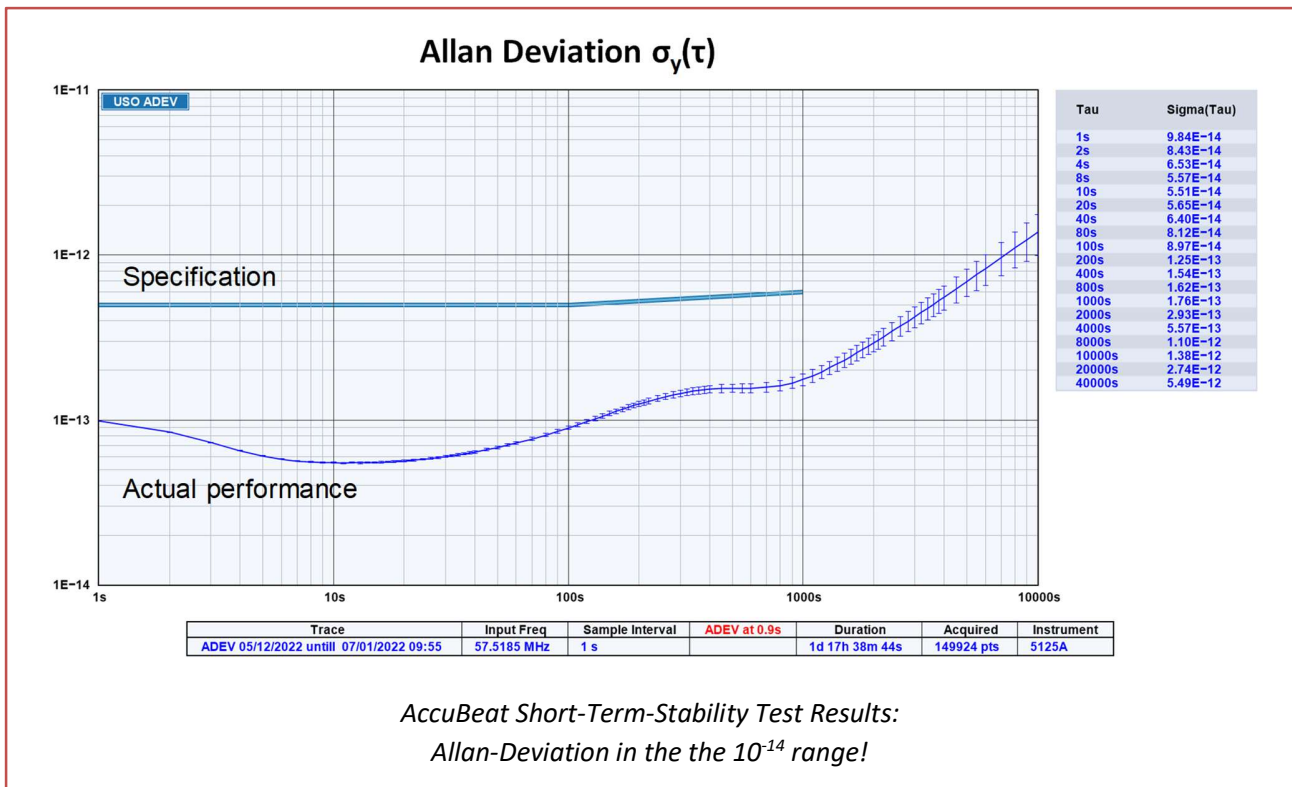


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AccuBeat Ultra-Stable-Oscillator Recent Outstanding Results Towards ESA's JUICE Mission to Jupiter

AccBeat's Ultra-Stable-Oscillator (USO) has recently completed successful testing at the European Space Agency (ESA) labs at ESTEC, towards ESA's deep space JUICE mission to Jupiter. The USO exhibited outstanding Short-Term-Stability which is 5 times better than the specifications, **going down to the 10^{-14} range!**

The European Space Agency announcement (5-02-21):
"The JUICE 3GM experiment with the state-of-the-art clock is now complete and integrated on the spacecraft".



The JUICE (Jupiter Icy Moon Explorer) mission will search for the habitability of the Jupiter system. It is the first ESA's deep space research and the most expensive mission. The USO will be used for radio occultation as part of the geophysics research led by the Rome University and The Weizmann Institute of Science.