COMPETITIVE SENSOR TRIALS

About our Competitive Sensor Trials

Third-party, randomized testing was done on two of CTC's most popular sensors (AC102-1A and AC192-1D) as well as three comparable competitive sensors to evaluate each sensor's specified frequency response compared to its actual frequency response. Approximately 50 randomly-selected sensors were tested for this comparison.

The following slides show frequency response charts for each sensor with both the specified and actual frequency responses overlaid onto one image, for easy comparison.

Testing results proved the specified frequency responses of CTC sensors are nearly identical to the actual frequency responses achieved during testing, while the specified frequency responses of competitive sensors do not correspond to the actual responses achieved during testing.

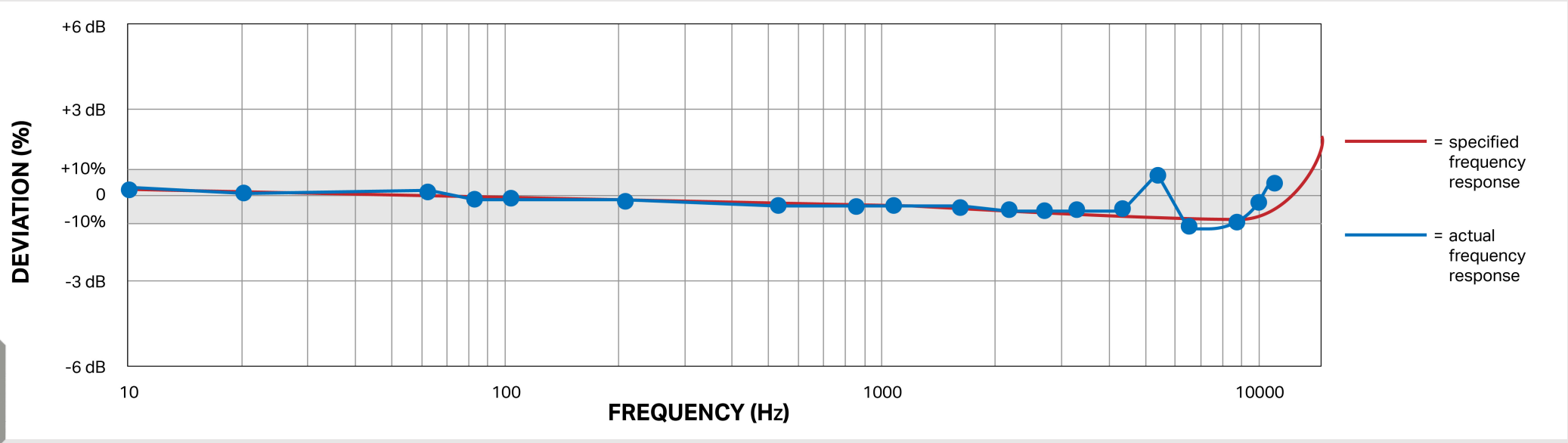
CTC is proud to provide our customers with reliable and accurate product specifications that you can trust and count on in the field.

A special thank you to Ryan Hanney at CBRE Managed Services Ltd (UK) who requested the testing.

AC102-1A

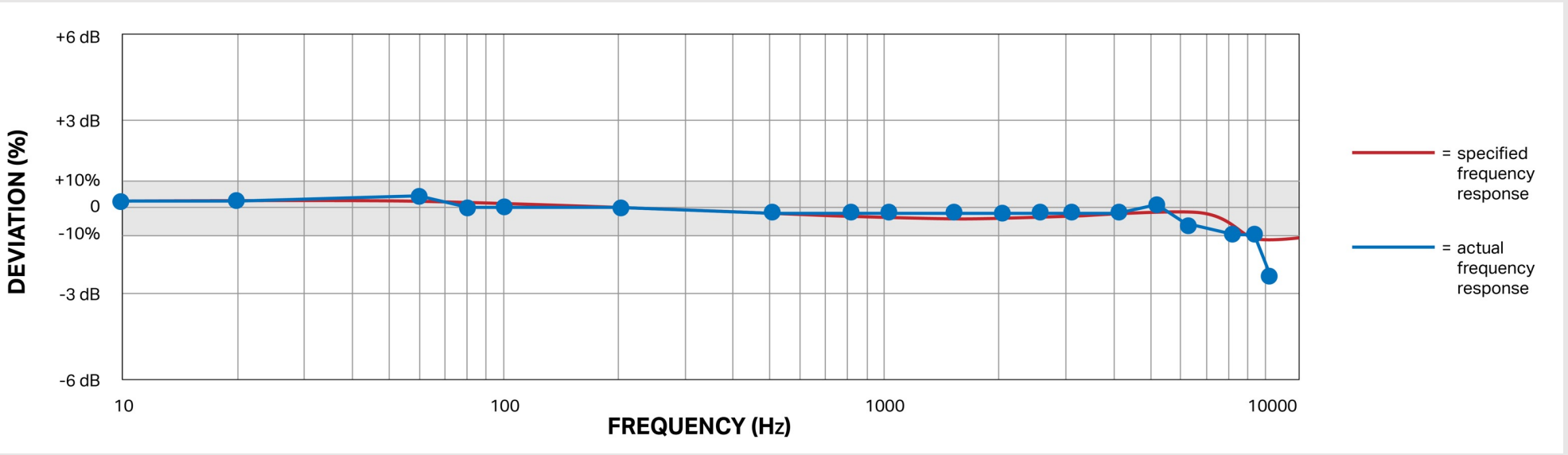
CTC's most popular sensor

IEPE shear mode, multipurpose, standard size sensor, 100 mV/g, ±10%



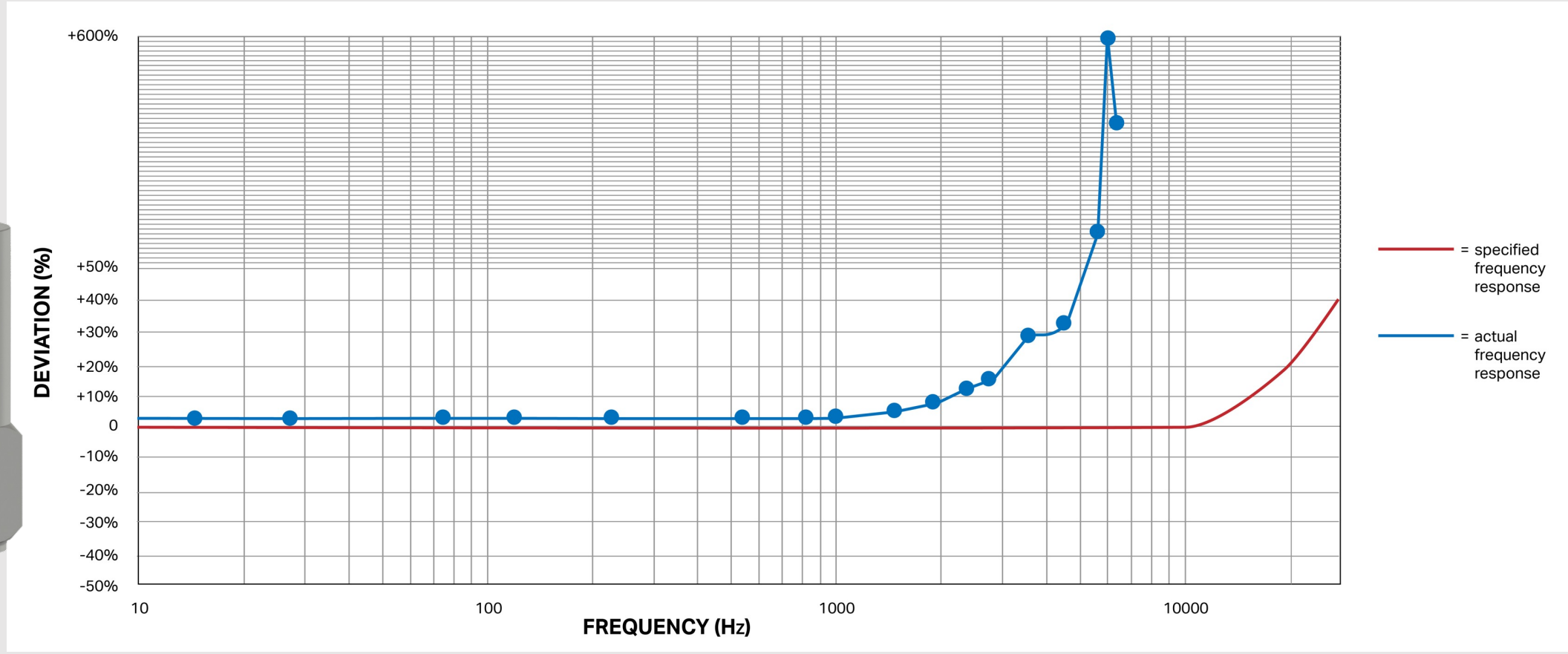
AC192-1D

IEPE shear mode, multipurpose, compact size sensor, 100 mV/g, ±10%



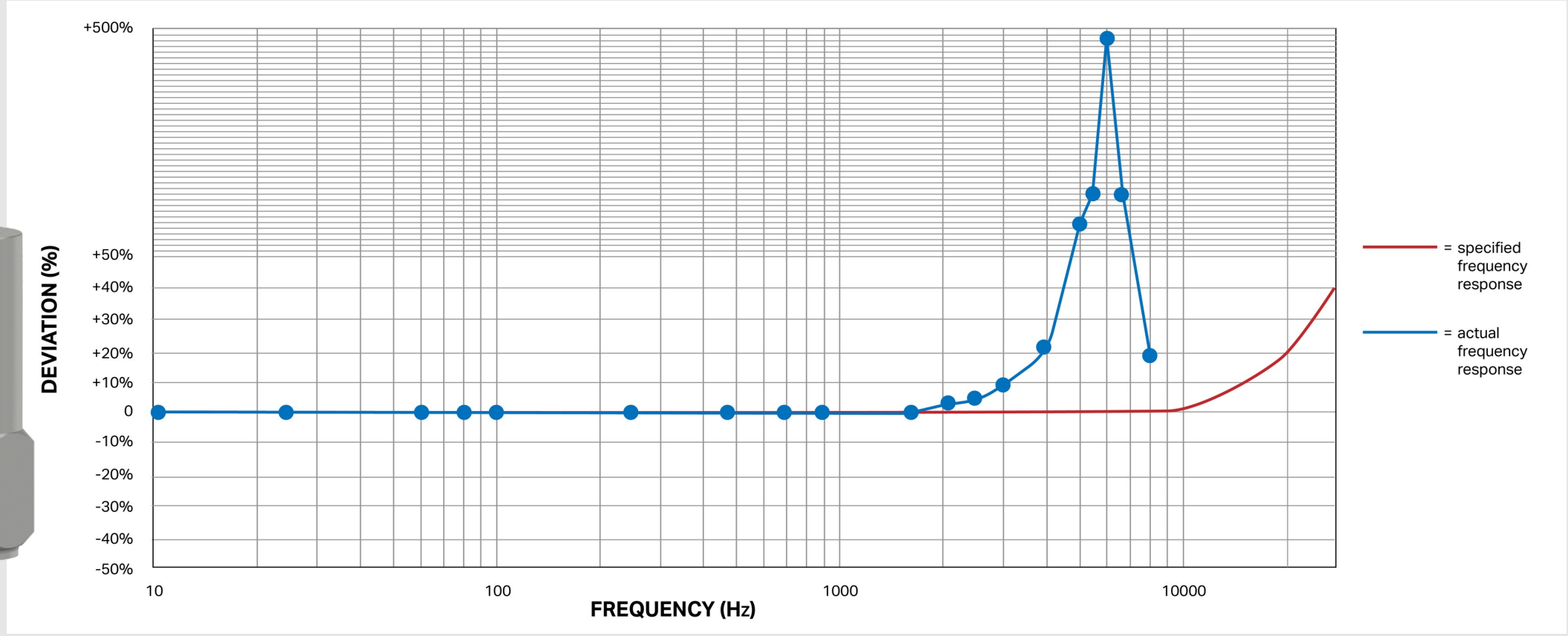
Competitive Sensor #1

Compression mode sensor, 100 mV/g



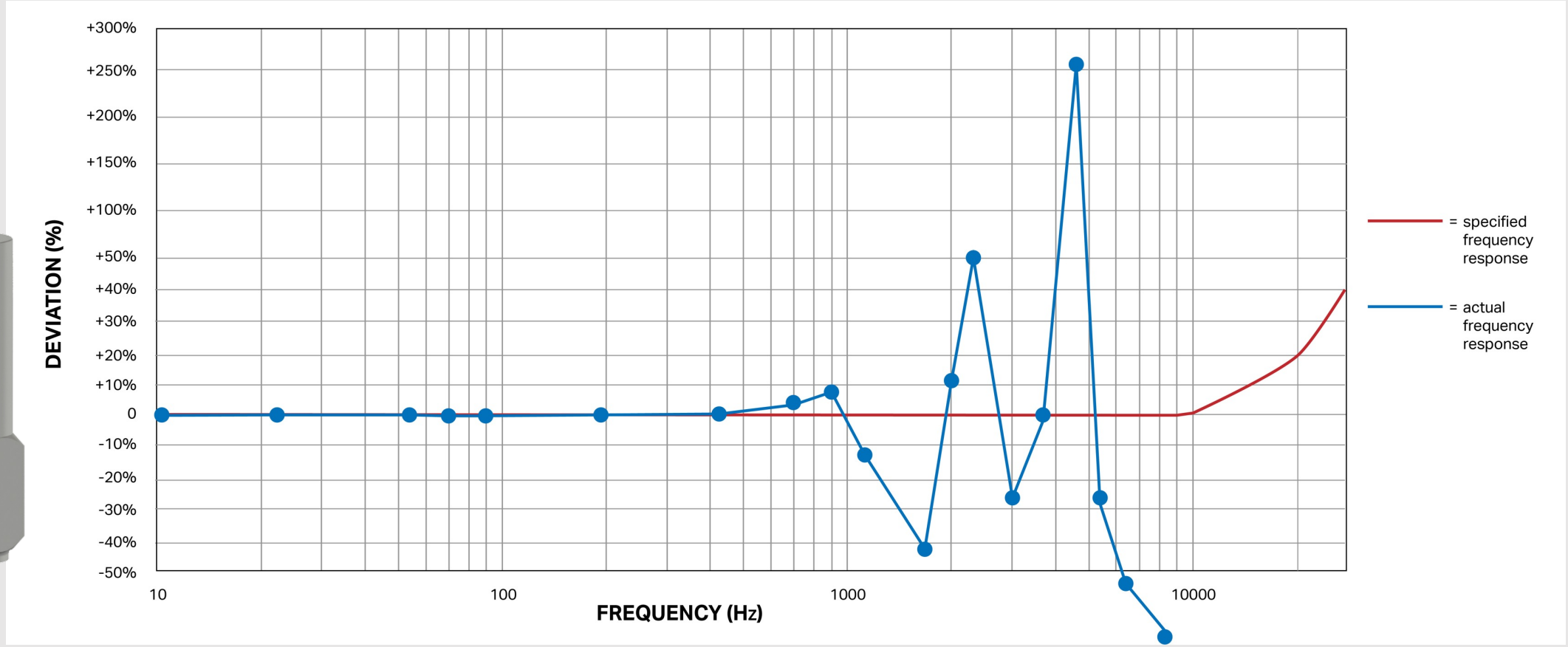
Competitive Sensor #2

Compression mode sensor, 100 mV/g



Competitive Sensor #3

Compression mode sensor, 100 mV/g



All Sensors - Actual Frequency Response

AC102-1A | AC192-1D | Competitor #1 | Competitor #2 | Competitor #3