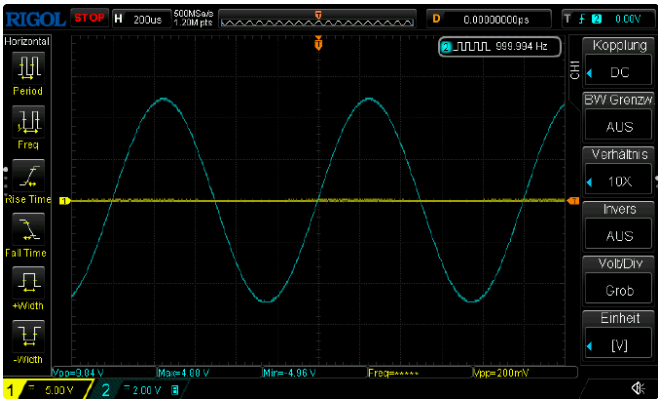
Same frequency, different signal

GEN-001 G1 (GeneratorX Pro), Out 1, 1000 Hz, 10 V, no person connected · Oscilloscope Rigol DS1102Z-E · 18 Oct 2026

How to read this page. All pictures have the same set frequency (1000 Hz) and the same voltage (10 V). Only the **waveform** differs. Below each picture is the **frequency mix**. Each green bar is a tone contained in the signal, the taller, the stronger. A sine is a single tone; all other forms bring additional tones. So the signal is **not the same**, even though "1000 Hz" is set. Frequency work makes use of these differences in waveform and amplitude. It applies them deliberately, depending on the pathology or to support our cells.

W1 Sine

9.8 Vpp · pure base frequency



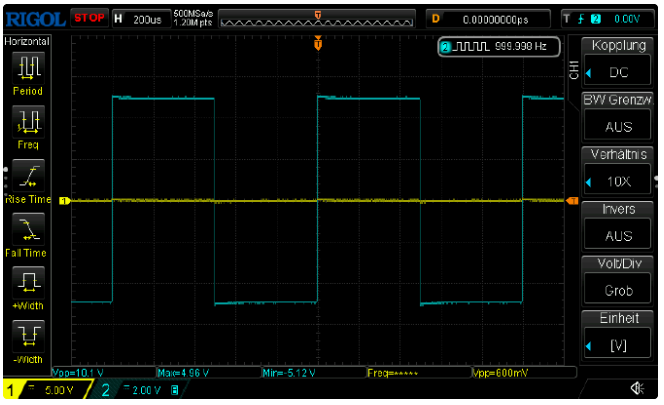
Frequency mix (0–20 kHz)



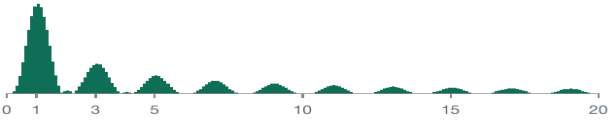
Only 1000 Hz, nothing else.

W2 Square

10.1 Vpp · base tone + odd harmonics



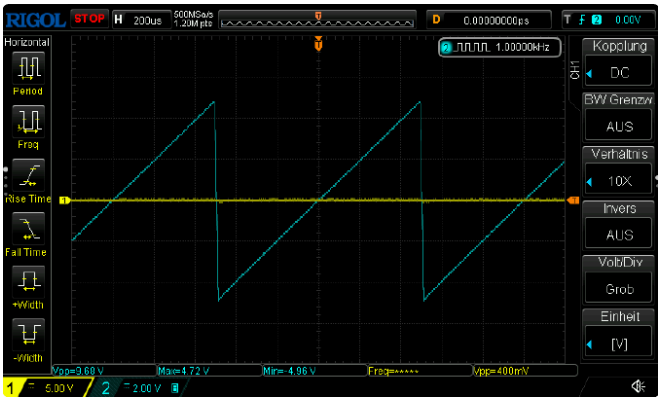
Frequency mix (0–20 kHz)



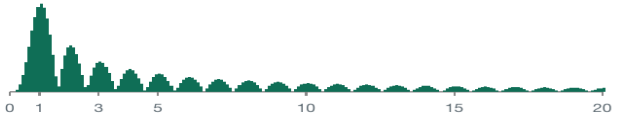
1000 Hz plus 3000, 5000, 7000 Hz ..., slowly weaker.

W3 Sawtooth

9.7 Vpp · all harmonics



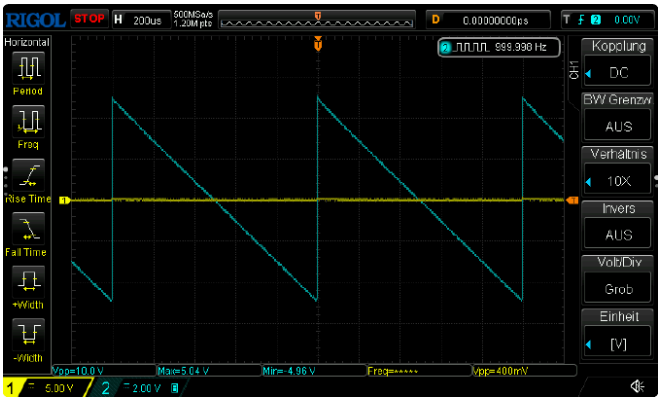
Frequency mix (0–20 kHz)



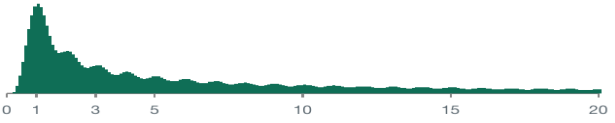
1000 Hz and all multiples: 2000, 3000, 4000 Hz ...

W4 Inverted sawtooth

10.0 Vpp · all harmonics



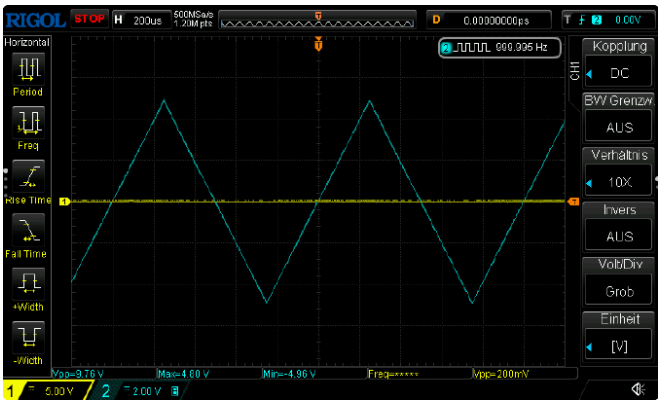
Frequency mix (0–20 kHz)



Same mix as the sawtooth, only mirrored. Standard of the Killing and Healing shells.

W5 Triangle

9.8 Vpp · almost pure base tone



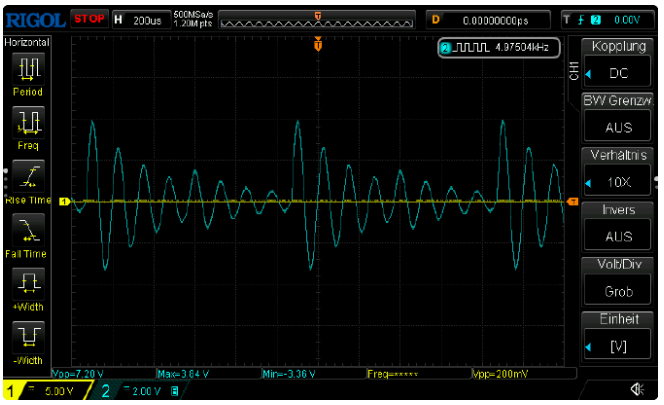
Frequency mix (0–20 kHz)



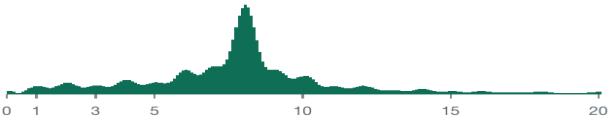
Almost like the sine, the odd overtones are very weak.

W6 Damped sine

7.2 Vpp · energy around 5 kHz



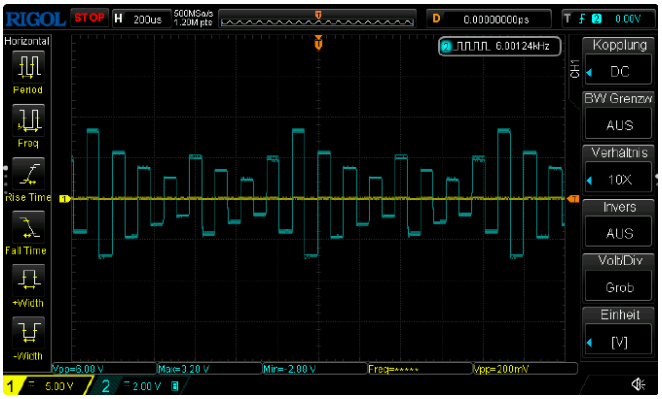
Frequency mix (0–20 kHz)



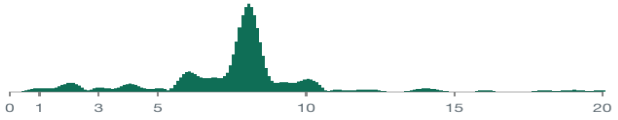
Decaying oscillations, the energy lies around 5 kHz, not at 1000 Hz.

W7 Damped square

6.1 Vpp · energy around 6 kHz



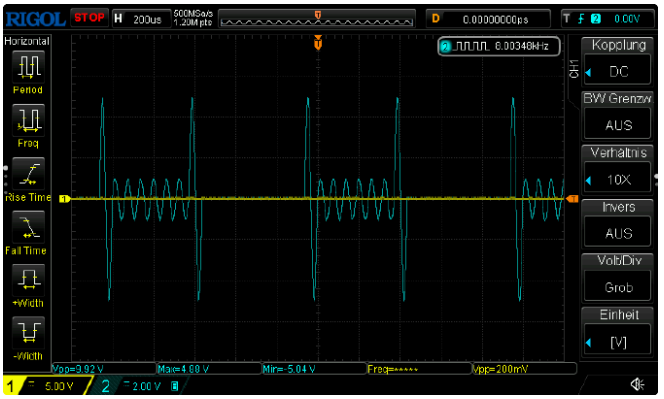
Frequency mix (0–20 kHz)



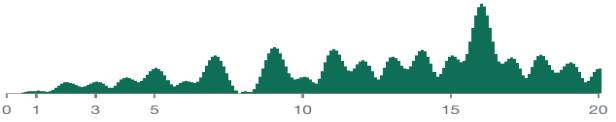
Decaying square bursts, energy around 6 kHz and higher.

W8 Sine H-Bomb

9.9 Vpp · broadly spread



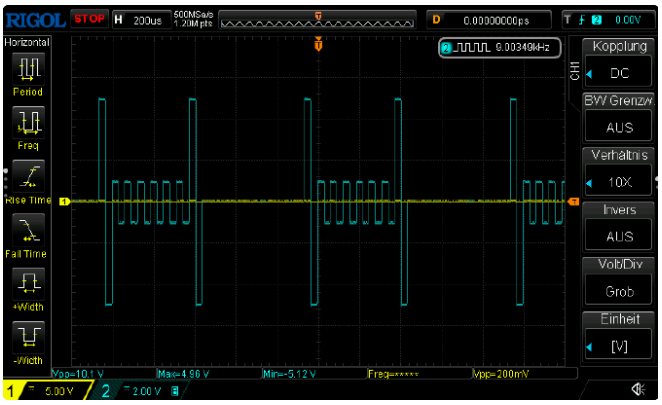
Frequency mix (0–20 kHz)



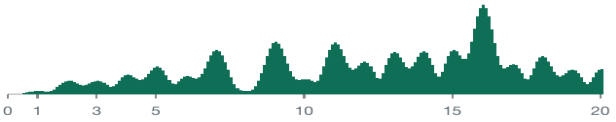
Peaks with ringing, broad mix up to more than 10 kHz.

W9 Square H-Bomb

10.1 Vpp · broadly spread, high



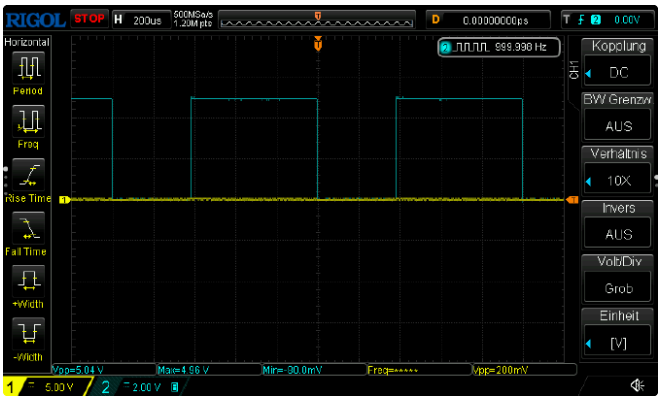
Frequency mix (0–20 kHz)



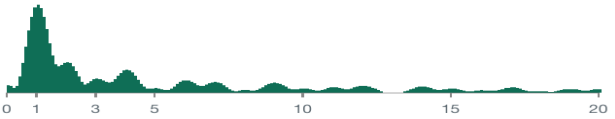
Like H-Bomb, angular, even more high components.

MM_ModSquare (peptide shell)

5.0 Vpp · base tone + mixed harmonics



Frequency mix (0–20 kHz)



Modulated square: base tone with even and odd components.

Frequency mix calculated from the oscilloscope's measured data (2.4 ms, Hann window), scaled to the strongest component of each waveform. Voltage Vpp from the oscilloscope. Damped forms and MM_ModSquare reach a lower peak voltage at the same setting. For damped and H-Bomb forms the oscilloscope's frequency counter shows the fast ringing (5–9 kHz), not the 1000 Hz.