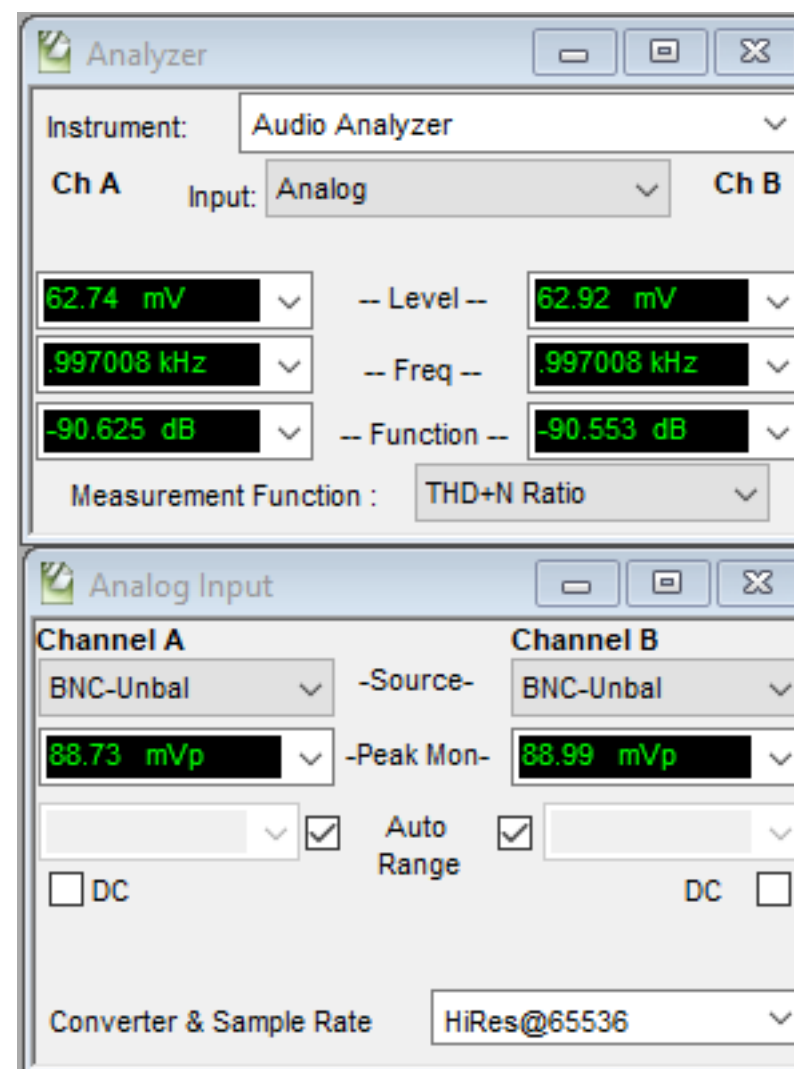




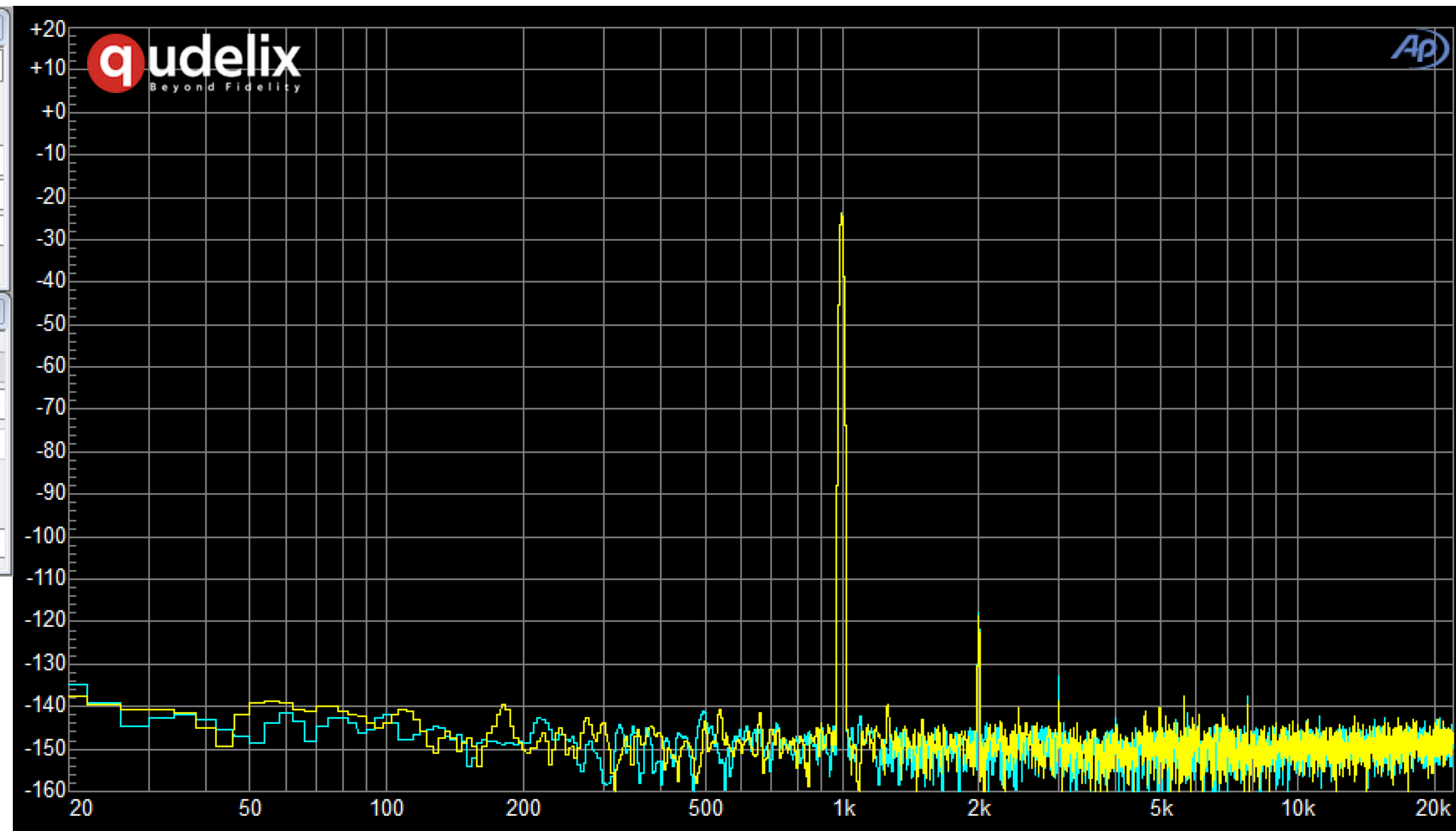
Qudelix-5K USB DAC Mode AP Measurement

MARCH 2020



Qudelix-5K USB DAC
Source: 44.1KHz, 24-bit, 0dBFS 997Hz

Single ES9218P 3.5mm UNBAL
1V RMS mode
-24dB Analog Volume
0.063 VRMS @ 45-Ohm Load
THD+N (A-Weighted) 90dB



Analyzer

Instrument: Audio Analyzer

Ch A

Input: Analog

Ch B

125.3 mV

-- Level --

125.5 mV

997008 kHz

-- Freq --

997008 kHz

-93.536 dB

-- Function --

-93.347 dB

Measurement Function : THD+N Ratio

Analog Input

Channel A

Channel B

BNC-Unbal

-Source-

BNC-Unbal

177.2 mVp

-Peak Mon-

177.5 mVp

☒ Auto

☒

Range

☐ DC

DC

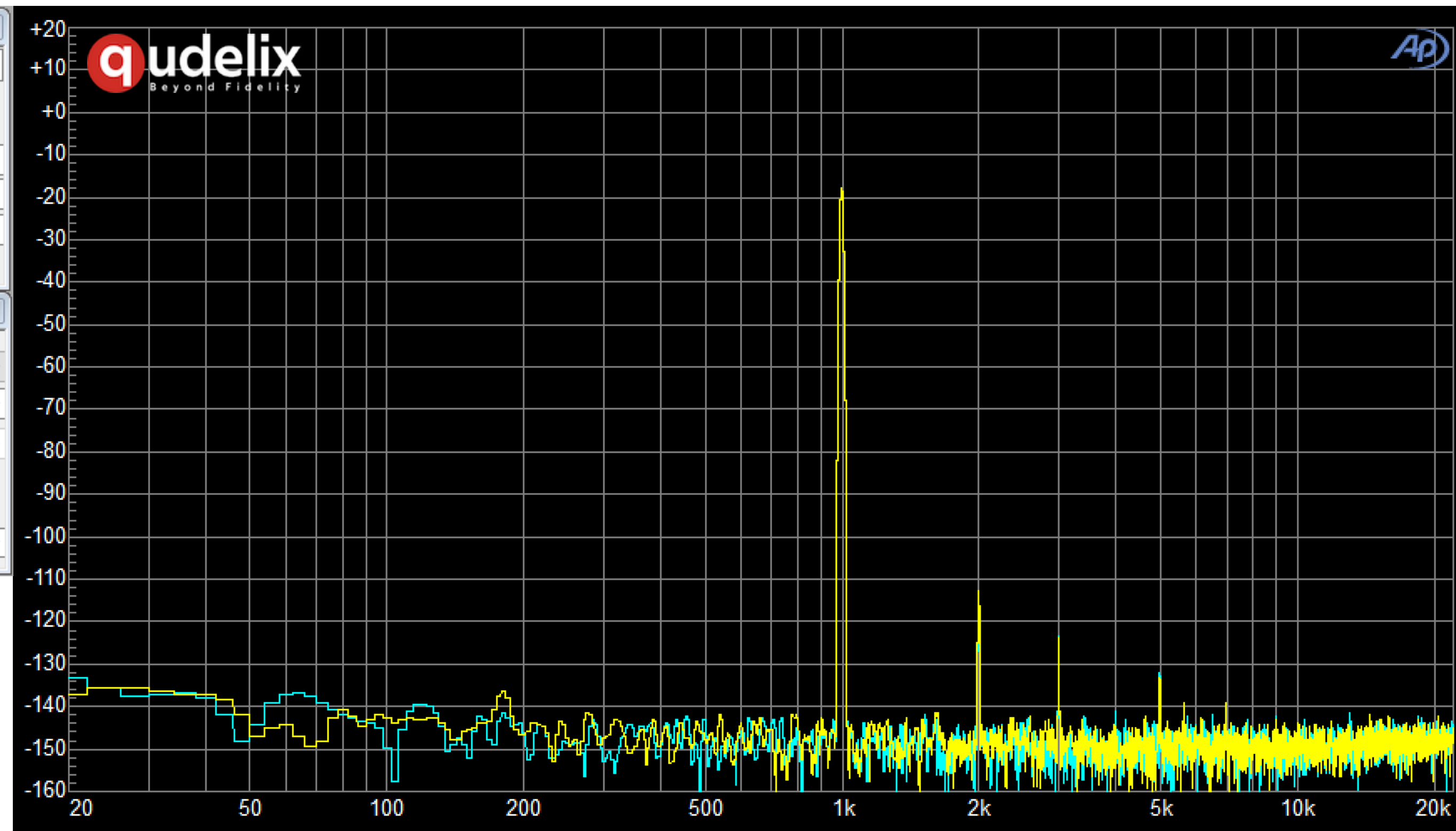
☐

Converter & Sample Rate

HiRes@65536

Qudelix-5K USB DAC
Source: 44.1KHz, 24-bit, OdBFS 997Hz

Single ES9218P 3.5mm UNBAL
1V RMS mode
-18dB Analog Volume
0.125 VRMS @ 45-Ohm Load
THD+N (A-Weighted) 93dB



Analyzer

Instrument: Audio Analyzer

Ch A Input: Analog Ch B

247.0 mV

-- Level --

248.0 mV

997008 kHz

-- Freq --

997008 kHz

-93.363 dB

-- Function --

-93.675 dB

Measurement Function : THD+N Ratio

Analog Input

Channel A

BNC-Unbal

-Source-

Channel B

BNC-Unbal

-Source-

349.4 mVp

-Peak Mon-

350.7 mVp

-Peak Mon-

Auto

Range

Auto

Range

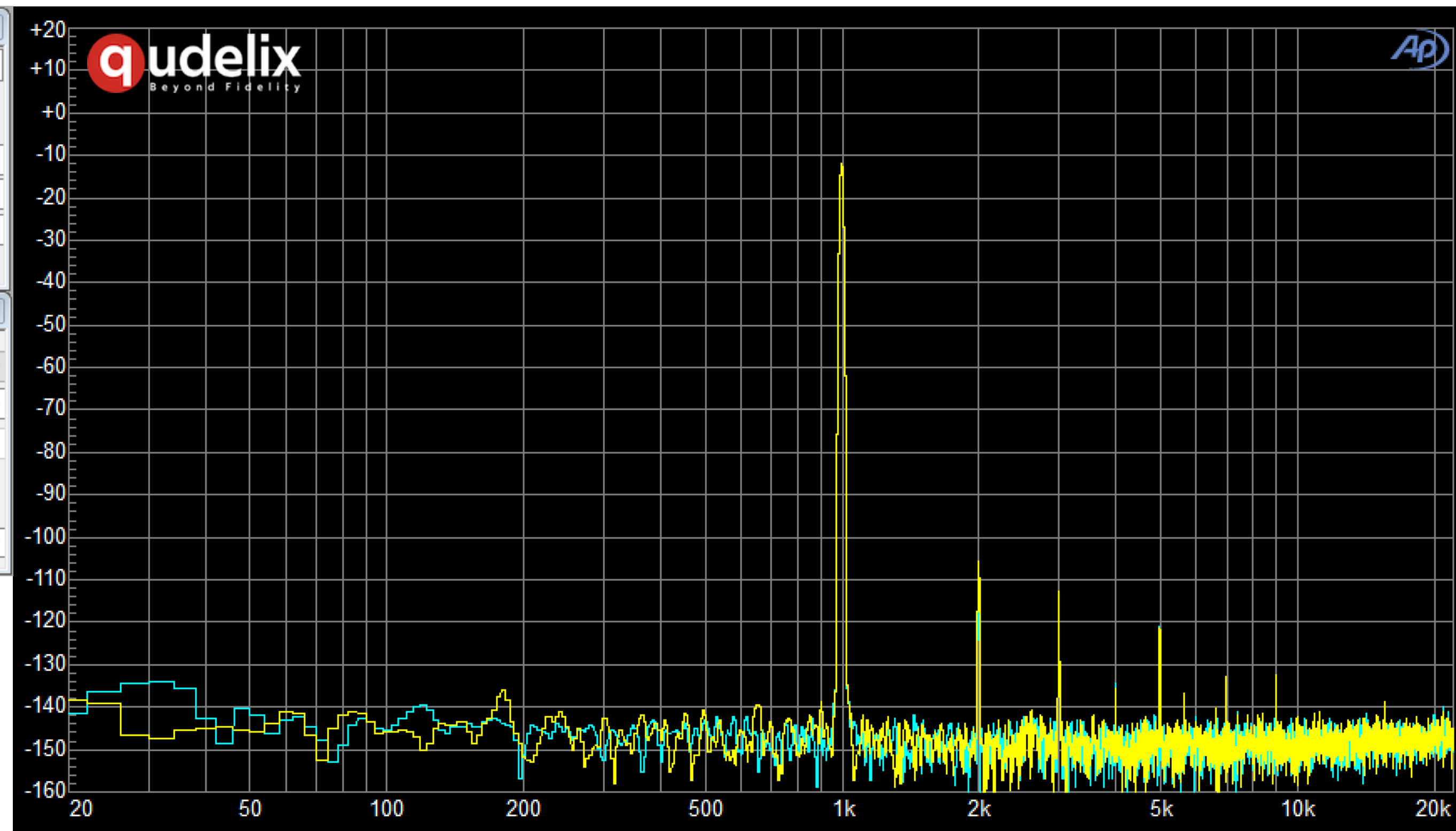
DC

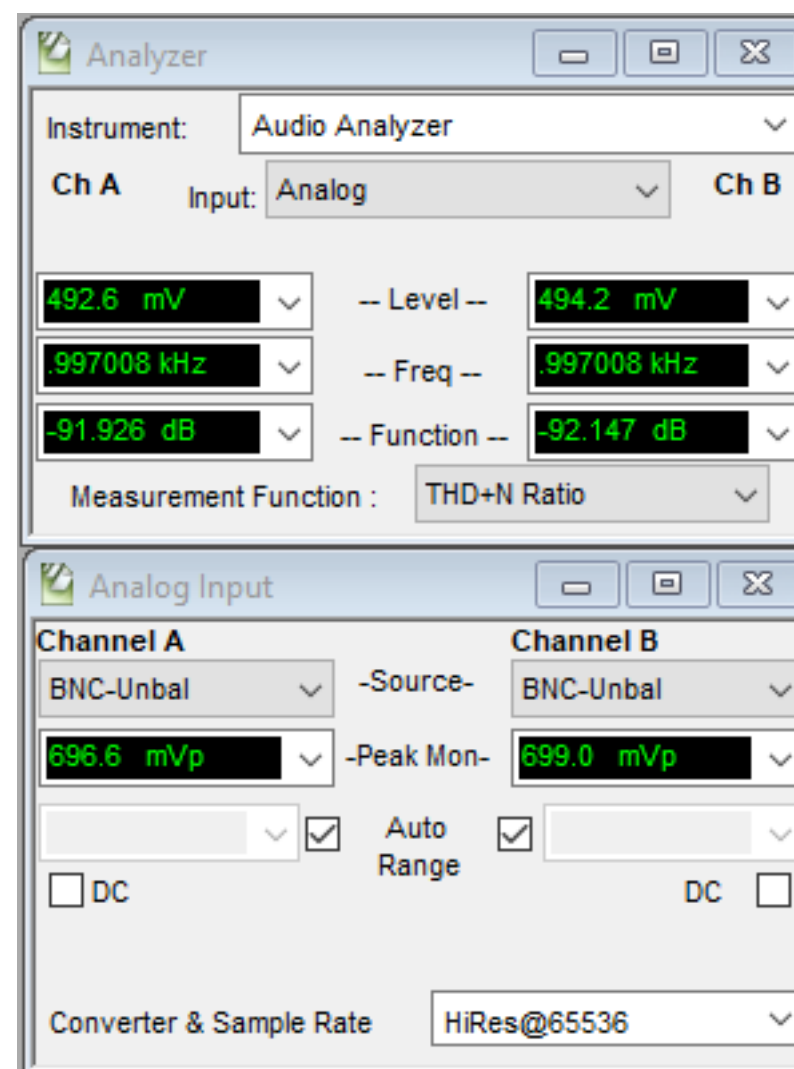
DC

Converter & Sample Rate HiRes@65536

Qudelix-5K USB DAC
Source: 44.1KHz, 24-bit, OdBFS 997Hz

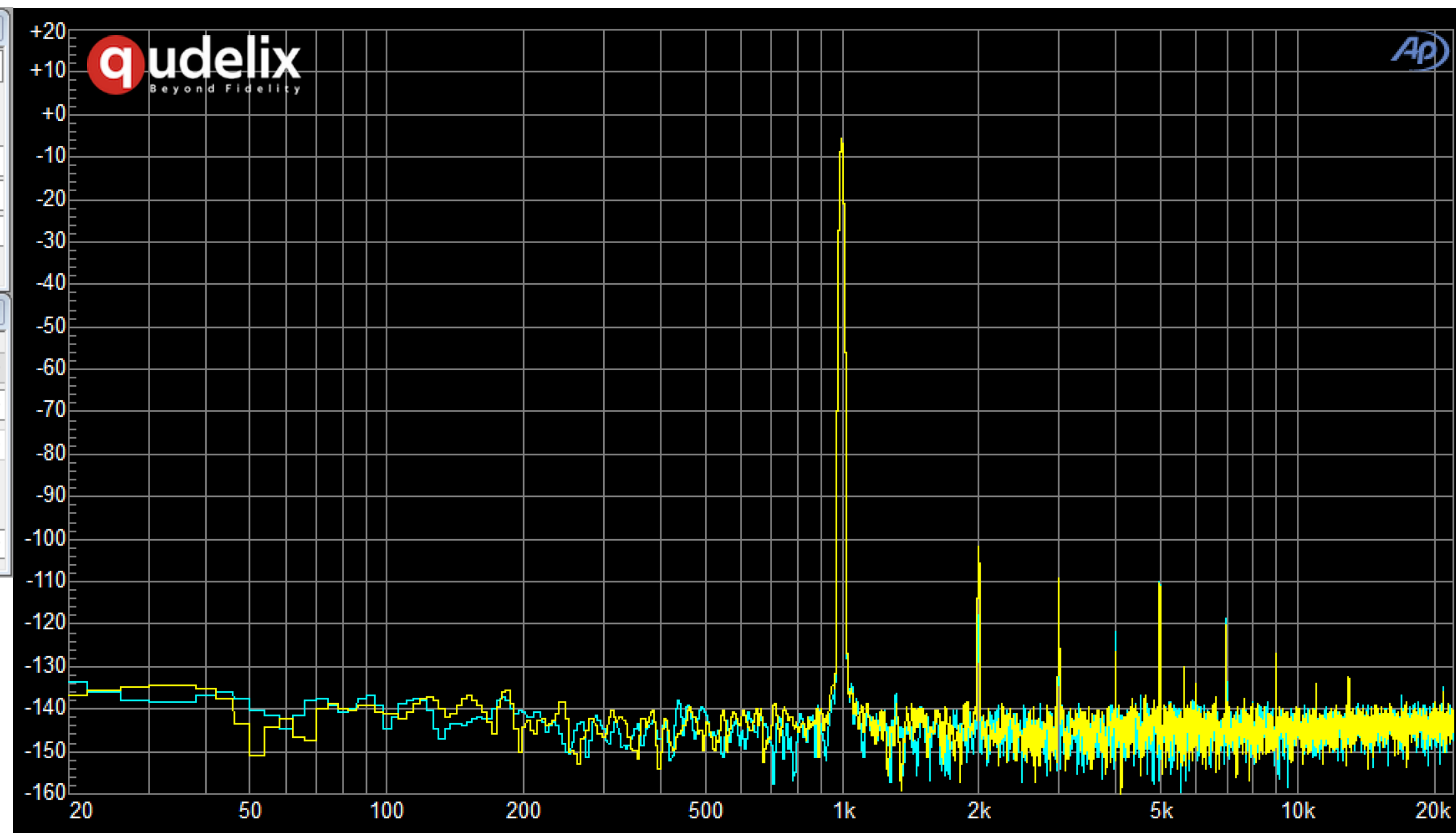
Single ES9218P 3.5mm UNBAL
1V RMS mode
-12dB Analog Volume
0.25 VRMS @ 45-Ohm Load
THD+N (A-Weighted) 93dB

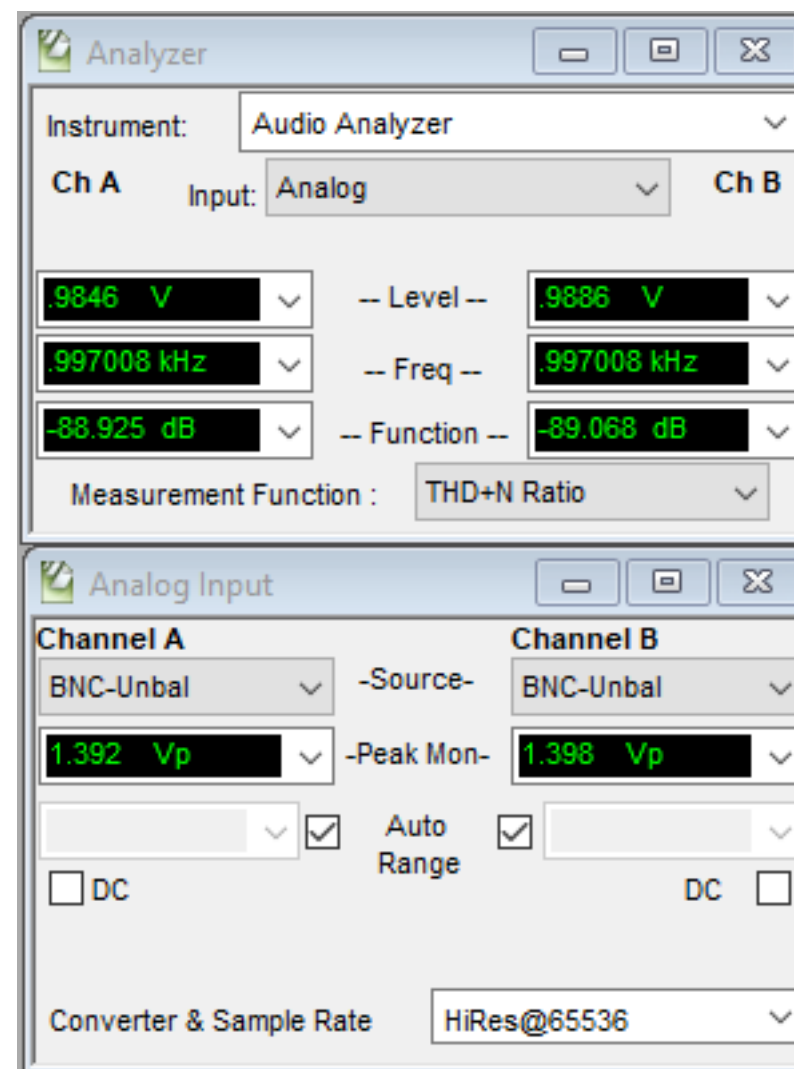




Qudelix-5K USB DAC
Source: 44.1KHz, 24-bit, OdBFS 997Hz

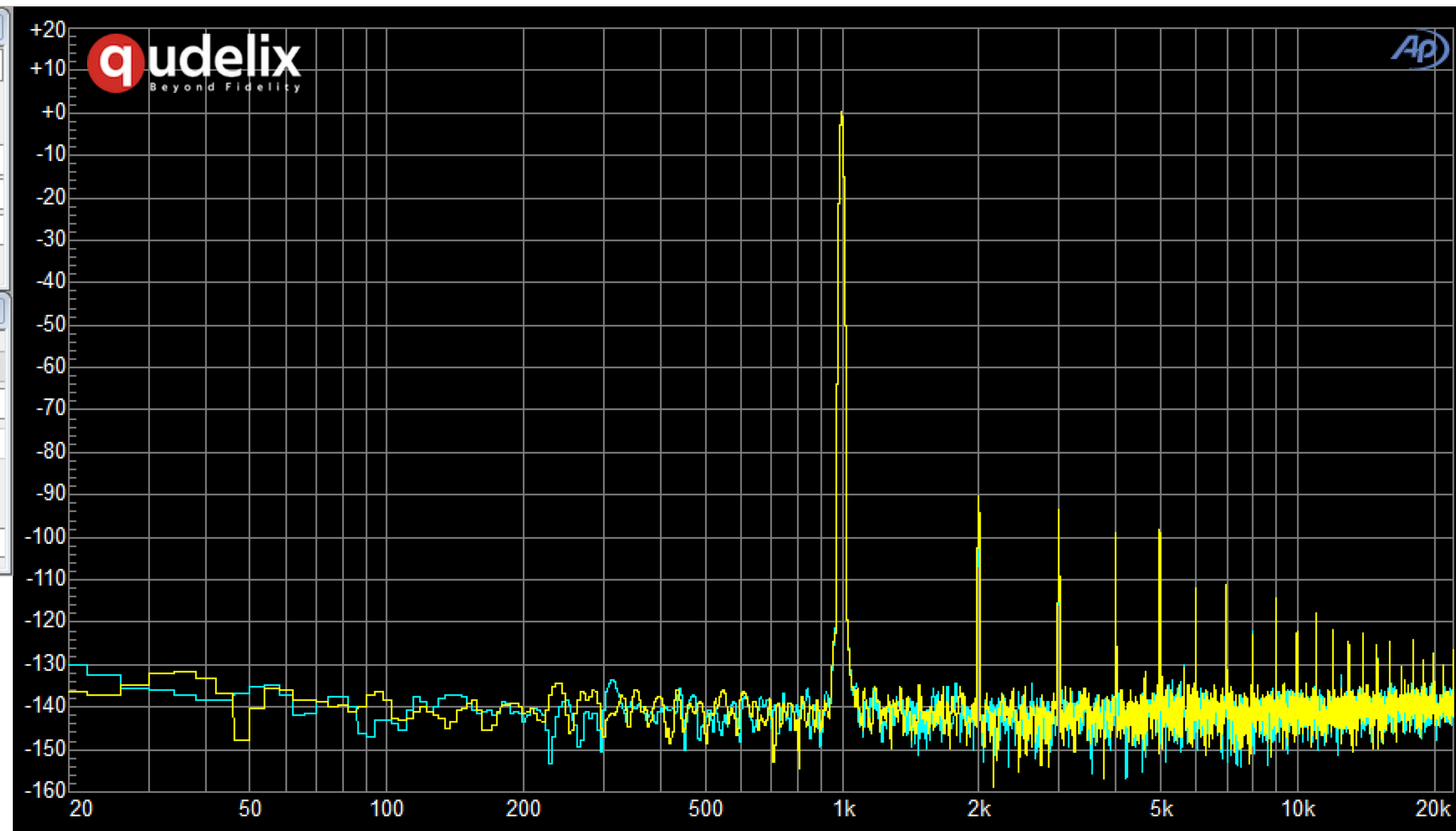
Single ES9218P 3.5mm UNBAL
1V RMS mode
-6dB Analog Volume
0.5 VRMS @ 45-Ohm Load
THD+N (A-Weighted) 92dB





Qudelix-5K USB DAC
Source: 44.1KHz, 24-bit, OdBFS 997Hz

Single ES9218P 3.5mm UNBAL
2V RMS mode
0dB Analog Volume
1.0 VRMS @ 45-Ohm Load
THD+N (A-Weighted) 89dB



Analyzer

Instrument: Audio Analyzer

Ch A Input: Analog Ch B

1.660 V -- Level -- 1.667 V

997008 kHz -- Freq -- 997008 kHz

-83.840 dB -- Function -- -84.262 dB

Measurement Function: THD+N Ratio

Analog Input

Channel A Channel B

BNC-Unbal --Source-- BNC-Unbal

2.348 Vp --Peak Mon-- 2.358 Vp

☒ Auto ☒ Range

☐ DC ☐ DC

Converter & Sample Rate HiRes@65536

Qudelix-5K USB DAC
Source: 44.1KHz, 24-bit, 0dBFS 997Hz

Single ES9218P 3.5mm UNBAL
2V RMS mode
+4dB Analog Volume
1.6 VRMS @ 45-Ohm Load
THD+N (A-Weighted) 84dB

