TOPPING

DX5II

使用手册
User Manual
取扱説明書
使用手冊

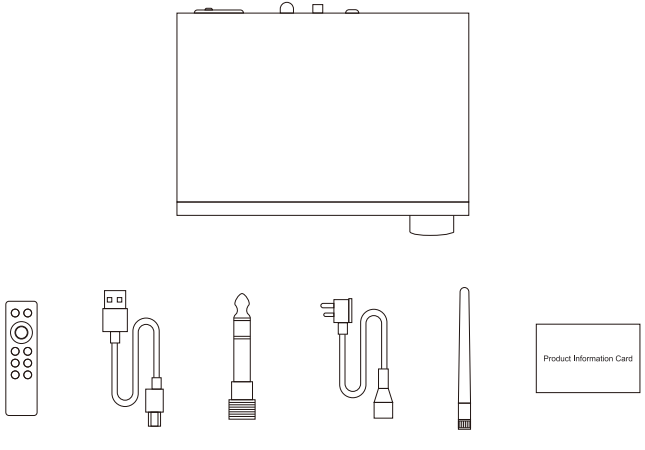
Model: TP742
V1.5

Catalog

1.Contents list

DX5 II	x 1
Remote control	x 1
USB cable	x 1
6.35mm to 3.5mm Adaptor	x 1
AC cable	x 1
Bluetooth antenna	x 1
Product Information Card	x 1

Note: You can download the driver on
https://www.toppingaudio.com/downloads



2.Attribute

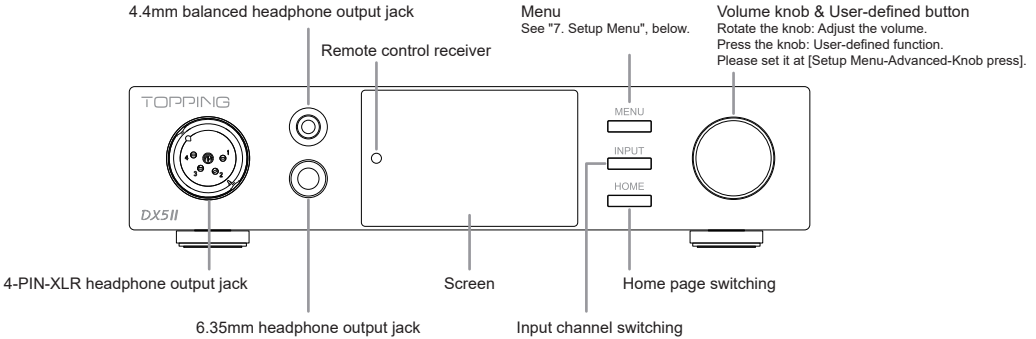
Measured	19.0cm x 15.5cm x 4.4cm（Include protruding parts）
Weight	945g
Power input	100-277VAC 50Hz/60Hz
Signal input	USB/BT/OPT/COAX
Line Out output	XLR/RCA
Headphone Amplifier output	6.35mm headphone output jack
	4.4mm headphone output jack
	4-PIN-XLR headphone output jack
Other connectors	12V Trigger In（3.5mm jack）
	12V Trigger Out（3.5mm jack）
Bluetooth range	10M
Display	2inch LCD
Control	3 buttons + multifunction knob
	+ Remote control
Standby power consumption	<1.3W
Power consumption	<6W

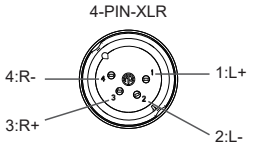
3.Input range

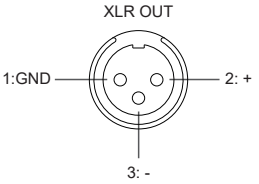
USB IN	PCM	44.1kHz-768kHz/16bit-32bit
	DSD	DSD64-DSD512（Native）, DSD64-DSD256（DoP）
	PEQ	44.1kHz-192kHz/16bit-32bit
COAX/OPT IN	PCM	44.1kHz-192kHz/16bit-24bit
	PEQ	44.1kHz-192kHz/16bit-24bit
BT IN	AAC/SBC/APTX/APTX HD/APTX-Adaptive/LDAC	
	PEQ	44.1kHz-96kHz/16bit-24bit

4.Parts and names

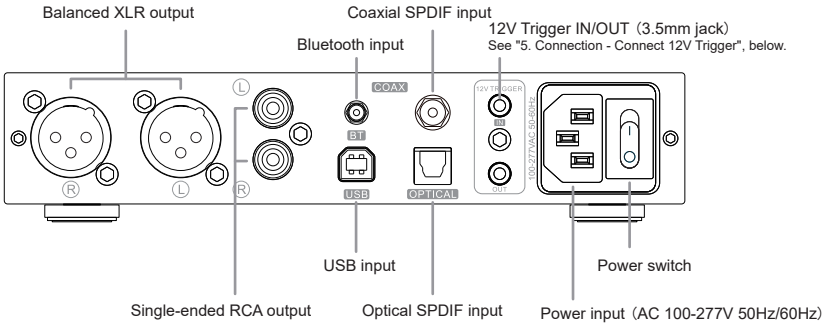
Front panel

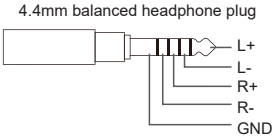






Rear panel

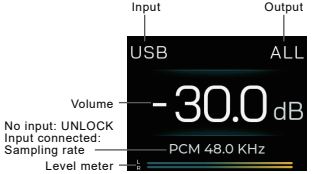




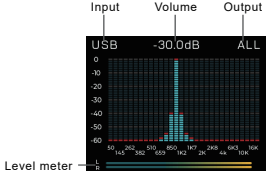
Display

There are three types of home page displays: Normal, VU and FFT, which can be switched by touching the HOME button on the front panel or set in the menu [Setup Menu-Display-Home].
When only line output is available, PRE mode and DAC mode can be set in [Setup menu-Output settings-Line out mode]
PRE mode: Volume is adjustable.
DAC mode: DX5 II keeps the maximum volume output and the volume is not adjustable.
The home page display in DAC mode and PRE mode will be slightly different.

PRE mode



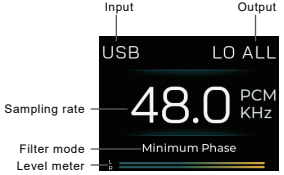
Normal



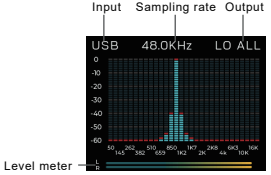
FFT

VU

DAC mode



Normal

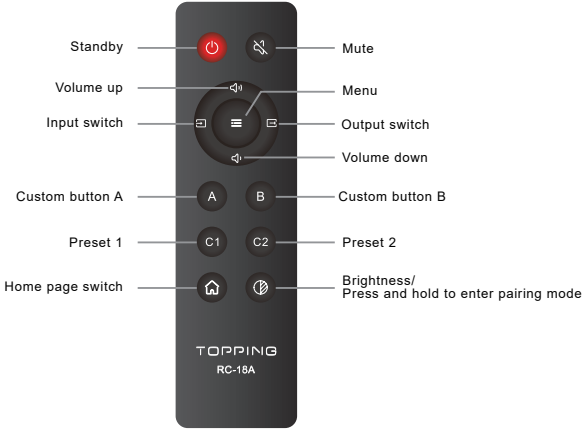


FFT

VU

*VU Meter, FFT and Level meter monitor or reflect XLR's output level.（They won't be affected by the volume in PRE mode.）
*VU Meter, FFT and Level meter do not support DSD512.

Remote control



A B

The function of these two buttons are customizable. See "Advanced" in the "Setup Menu", below.

C1 C2

Operation: Press and hold the C1 or C2 button for 3 seconds to save the current settings. Simply press C1 or C2 to instantly recall the corresponding preset.

Saved Settings Include: All parameters in the settings menu, such as input channel, output channel, volume level, etc.

Practical Applications:

1. Seamless switching between usage scenarios

This feature is suitable for users who have more than one usage scenario, such as the two shown below. Using C1&C2 buttons to save and load settings may free you from changing settings one by one when you want to change usage scenario.

DX5 II settings	Usage scenario 1: Connect with headphone	Usage scenario 2: Connect with speakers
Input channel	USB	Bluetooth
Output channel	HPA ALL（All Headphone Outputs）	LO ALL (All Line Outputs)
Volume	-40dB	-20dB

2. Quick recovery from accidental changes

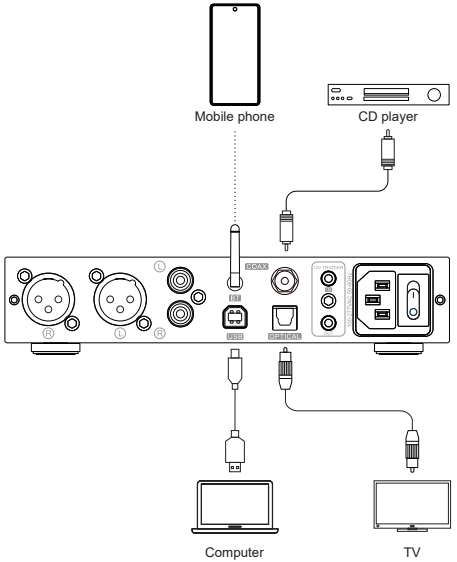
If your settings are accidentally changed, don't worry. Simply press the C1 or C2 button to instantly restore your previously saved configuration — fast and reliable.

See "1-3 Brightness" in the "Setup Menu", below.

5.Connection

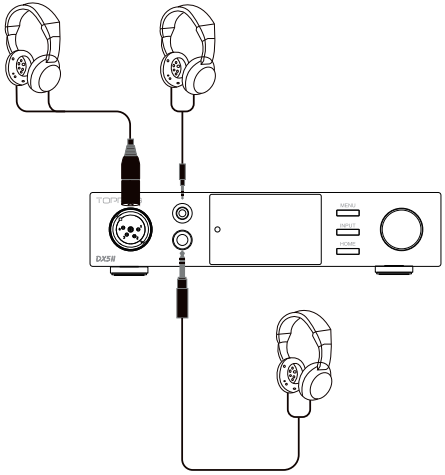
Connect to the input source

Support USB, Coaxial, Optical, Bluetooth input.



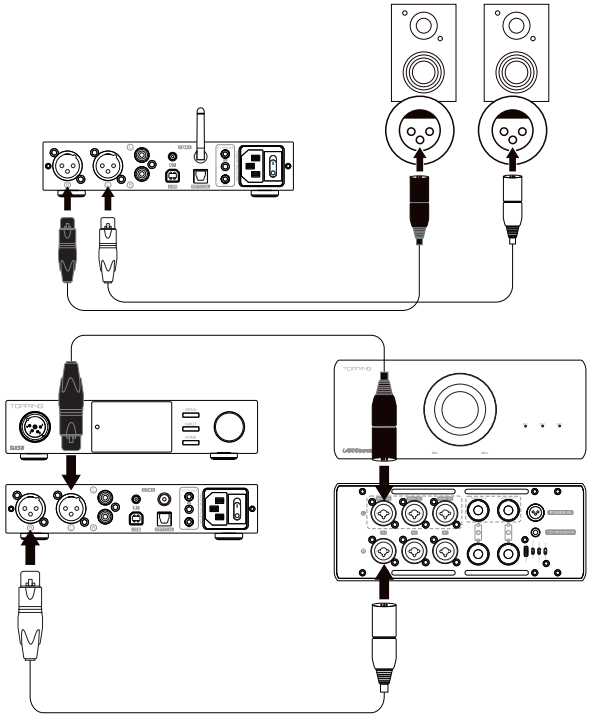
Connect to headphone

Three types of headphone jack are available: XLR-4, 4.4mm and 6.35mm.



Connect to amplifier or active speakers

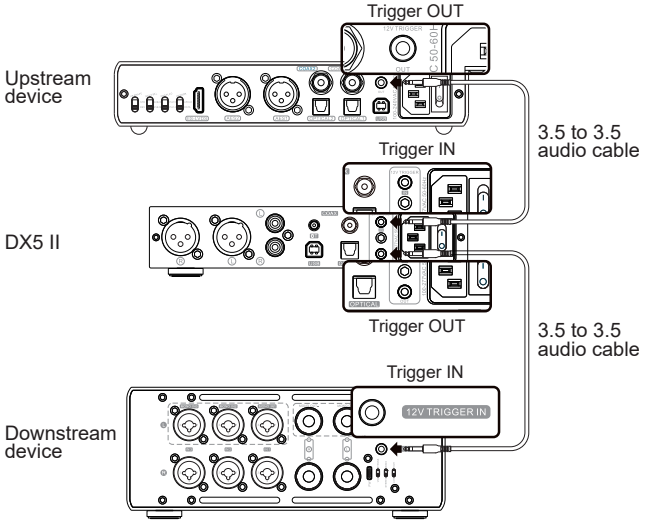
Use XLR or RCA cables to connect to amplifiers or active speakers. In order to avoid damage to your devices, please turn off the amplifier or active speakers before you connect them to DX5 II.



Connect 12V Trigger

The 12V Trigger IN/OUT allows the DX5 II to be activated by other devices or to activate other devices via a 3.5mm AUX cable. The upstream device connected to Trigger In can control the power on/standby of DX5 II, and the downstream device connected to Trigger Out can be controlled by DX5 II.

*Before using the Trigger IN function, you need to set the On/Off trigger mode to "12V" in the setup menu. [Setup menu-Advanced-On/Off trigger]

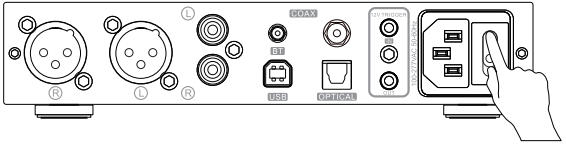


6.Operation

Power on & off / standby operation

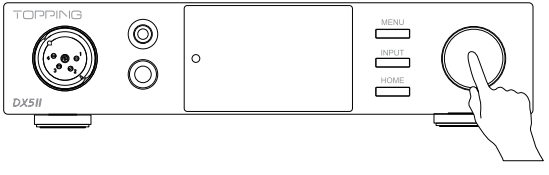
1. Power on & off

Press the power switch on the rear panel to turn the DX5 II on or off.



2. Standby setting

Short press the knob to turn on the unit, press and hold to enter standby state. Or you could use the remote control.



Volume setting

1. Mute and unmute

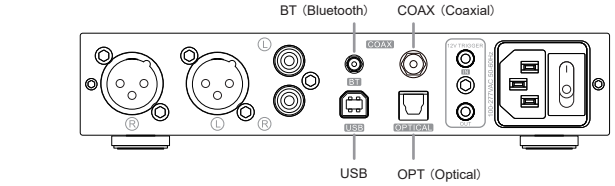
Press the mute button on the remote control to mute DX5 II, press the mute button again or adjust the volume to exit mute state.

2. Volume adjusting

You can use the knob on the front panel or press the or button on the remote control to adjust the volume. Note that long pressing the or button on the remote control will quickly change the volume, so please be careful in order to protect your hearing.

Note: Volume is fixed to 0dB in DAC mode and volume adjusting is invalid in this mode. [Setup menu-Output settings-Line out mode]

Input settings



1. Input option setting

Since the device supports multiple input channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect frequently used input channels in [Setup menu-Input settings-Input option]. This can help reduce the time required for switching input sources.

The system supports two configuration methods: Auto-detect and Manual. You may choose either based on your actual usage needs.

● Auto-detect

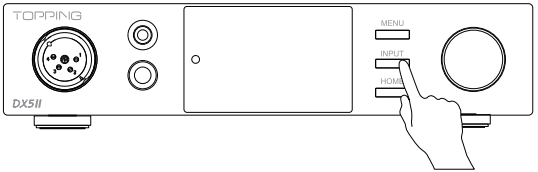
The system will automatically detect whether a valid signal is received at each input port. If a valid signal is detected, the corresponding input channel will be added to the input options list. During input switching, the system will cycle through these channels.

● Manual（Default）

You may also manually select the input channels you wish to use. Once selected, the system will only switch between these specified channels during input switching.

Available input channels include:

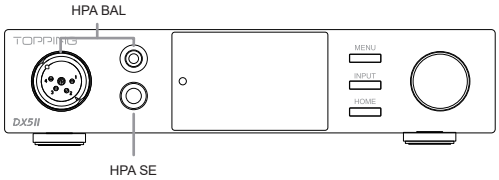
☑ USB
☑ OPT（Optical）
☑ COAX（Coaxial）
☑ BT（Bluetooth）

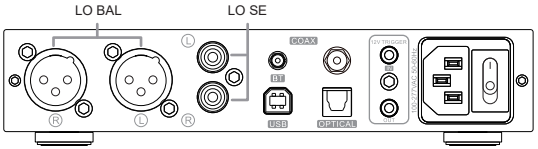


2. Input channel switching

After configuring the input options, you can press the INPUT button on the front panel or press ⇉ button on the remote control to switch the input circularly.

Output settings





1. Output option setting

Since the device supports multiple output channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect commonly used output channels in [Setup menu-Output settings-Output option], which will help reduce the time required for switching.

Available output channels include:

☑ All
☑ HPA ALL（All Headphone Outputs）
☑ LO ALL（All Line Outputs）
☐ HPA SE（6.35mm headphone jack）
☐ HPA BAL（4.4mm/4-pin-XLR headphone jack）
☐ LO SE（RCA）
☐ LO BAL（XLR）

2. Output channel switching

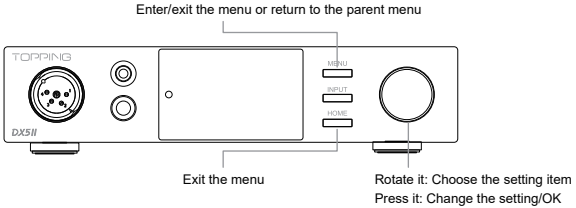
After configuring the output options, you can press the knob on the front panel or press ⮂ button on the remote control to switch the output circularly.

*By default, the knob press function is set to “Output select.” If needed, you can change this setting in [Setup-Advanced-Knob press].

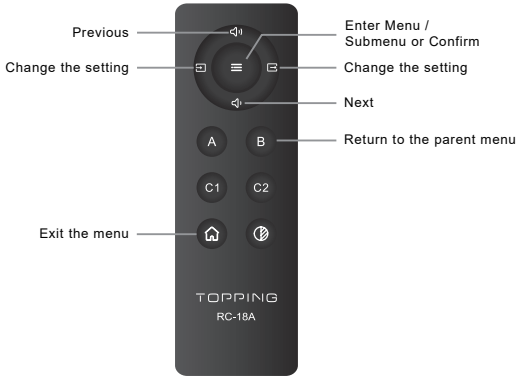
7.Setup Menu

Enter menu and change settings

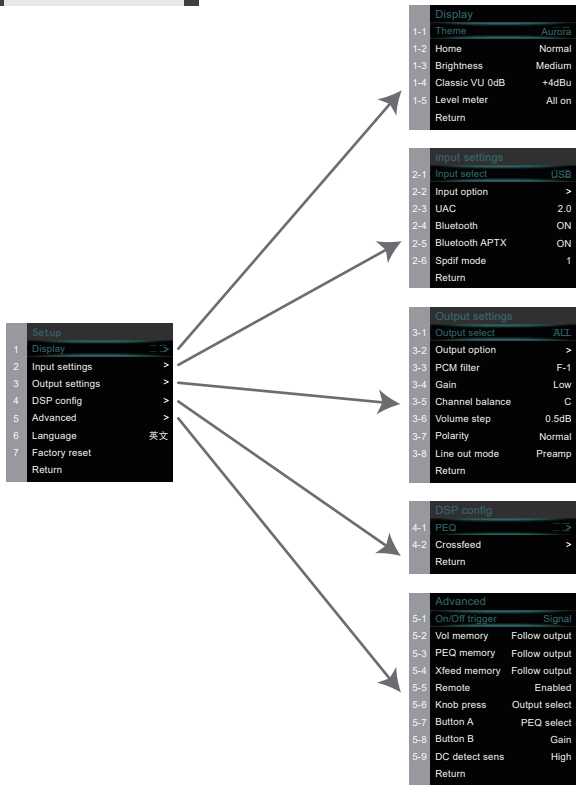
1. Buttons on front panel



2. The remote control



Menu Overview



1. Display

1-1 Theme

Multiple options available, default Aurora.

1-2 Home

Choose home page
Normal（Default）, VU, FFT

1-3 Brightness

Low, Medium（Default）, High, Auto
Auto has the same brightness as Medium. The differenceis that when there is no operation after 30 seconds under Auto mode, the screen will be automatically turned off and only display the current input. You can press any buttonto light up the screen.

1-4 Classic VU 0dB

Set 0dB reference voltage for VU meter. For example, if set to +4dBu, when the pointer swings to 0dB, the current output level of the DX5 II is +4dBu.
+4dBu（Default）, +10dBu

1-5 Level meter

All on（Default）, Normal page, FFT page, All off

2. Input settings

2-1 Input select

USB（Default）/Input option

2-2 Input option

Since the device supports multiple input channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect frequently used input channels in [Setup menu-Input settings-Input option]. This can help reduce the time required for switching input sources.
The system supports two configuration methods: Auto-detect and Manual. You may choose either based on your actual usage needs.
● Auto-detect
The system will automatically detect whether a valid signal is received at each input port. If a valid signal is detected, the corresponding input channel will be added to the input options list. During input switching, the system will cycle through these channels.
● Manual（Default）
You may also manually select the input channels you wish to use. Once selected, the system will only switch between these specified channels during input switching.
Available input channels include:
☑ USB
☑ OPT（Optical）
☑ COAX（Coaxial）
☑ BT（Bluetooth）

2-3 UAC

UAC2.0（Default）, UAC1.0

2-4 Bluetooth

Enabled（Default）, Disabled

2-5 Bluetooth aptX

Enabled（Default）, Disabled
The DX5 II supports multiple Bluetooth codecs. When set to OFF, the APTX-Adaptive will be disabled, allowing the use of other codecs（depending on the phone）.

2-6 Spdif mode

Mode 1（Default）, Mode 2
This setting is used to improve compatibility of the optical（SPDIF）input in order to accommodate different optical signal sources. The two modes are alternative options. During use, simply select the mode that functions correctly.

3. Output settings

3-1 Output select

ALL（Default）/Output option

3-2 Output option

Since the device supports multiple output channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect commonly used output channels in [Setup menu-Output settings-Output option], which will help reduce the time required for switching.
Available output channels include:
☑ All
☑ HPA ALL（All Headphone Outputs）
☑ LO ALL（All Line Outputs）
☐ HPA SE（6.35mm headphone jack）
☐ HPA BAL（4.4mm/4-pin-XLR headphone jack）
☐ LO SE（RCA）
☐ LO BAL（XLR）

3-3 PCM filter

F-1：Minimum Phase（Default）
F-2：Linear Phase Fast Roll-Off Apodizing
F-3：Linear Phase Fast Roll-Off
F-4：Linear Phase Fast Roll-Off Low Ripple
F-5：Linear Phase Slow Roll-Off
F-6：Minimum Phase Fast Roll-Off
F-7：Minimum Phase Slow Roll-Off
F-8：Minimum Phase Slow Roll-Off Low Dispersion

3-4 Gain（Headphone gain）

Low（Default）, High

3-5 Channel balance

Setting range: C（Balance）, L+0.5~9.5dB or R+0.5~9.5dB.（Default: C）
*When using the knob on the front panel, press the knob to enter the setting, rotate the knob to set the value, and press the knob again to exit the setting.

3-6 Volume step

0.5dB（Default）, 1dB

3-7 Polarity

Normal（Default）, Reverse

3-8 Line out mode

Preamp: Volume is adjustable.（Default）
DAC: Keep the maximum volume output and the volume is not adjustable.
Note: DAC mode takes effect when only the line output works.

4. DSPconfig

4-1 PEQ config

PEQ

Enabled（Default）, Disabled

PEQ Support Range	
USB IN	44.1kHz-192kHz/16bit-32bit
COAX/OPT IN	44.1kHz-192kHz/16bit-24bit
BT IN	44.1kHz-96kHz/16bit-24bit

Config

There are 5 built-in default preset configurations for users to choose from, which can be modified via the Topping Tune software. Additionally, users can save 5 custom configurations to the DX5 II through the Topping Tune software, allowing the DX5 II to use these configurations offline.

4-2 Crossfeed

Type

Convolution, Simple, OFF（Default）
Note: This is valid for all input and output interfaces（44.1kHz-48kHz/24bit-32bit）

Crossfeed config

There are corresponding preset configurations built in for different Crossfeed types, and you can choose according to your preferred listening experience.

5. Advanced

5-1 On/Off trigger

Signal: Input signal will trigger the device to turn on, but if the current input is not connected or input signal is invalid in 1 minute, it will automatically enter the standby state. Once having detected valid signal, it will automatically return to working state. (Default)

12V: 12V signal will trigger the device to turn on. When DX5 II's Trigger In is connected to another device's 12V Trigger Out, DX5 II's on/standby state can be controlled through this device. The DX5 II will remain in standby state until Trigger In detects the signal change from 0V to 12V. When changing back to 0V, the DX5 II will return to standby state.

Off: Disabled this function.

5-2 Vol memory

Follow output: Memorizes the volume and headphone gain settings of each output channelwhen it was last used, and automatically restores them when the channel is selected again. (Default).

Follow input: Memorizes the volume and headphone gain settings of each input channel when it was last used, and automatically restores them when the channel is selected again.

Disabled: Disabled this function.

5-3 PEQ memory

Follow Output: Memorizes the PEQ configuration used the last time for each output channel, and automatically switches to that configuration the next time thesame output channel is used (Default).

Follow Input: Memorizes the PEQ configuration used the last time for each input channel, and automatically switches to that configuration the next time the same input channel is used.

Disabled: Disabled this function.

5-4 Xfeed memory

Follow Output: Memorizes the Crossfeed config used the last time for each output channel, and automatically switches to that config the next time the same output channel is used. (Default)

Follow Input: Memorizes the Crossfeed config used the last time for each input channel, and automatically switches to that config the next time the same input channel is used.

Disabled: Disabled this function.

5-5 Remote

Enabled（Default）, Disabled

5-6 Knob press

Customize the function of the press knob.
Output select（Default）, Home select, Brightness, Dim screen, Mute, PEQ select, On/Off trigger, PCM filter, Gain, PEQ switch, Crossfeed type, Crossfeed cfg, Input select

5-7 Button A

Customizable function for remote control button A
Output select, Home select, Brightness, Dim screen, Mute,
PEQ select（Default）, On/Off trigger, PCM filter, Gain, PEQ switch,
Crossfeed type, Crossfeed cfg, Input select

5-8 Button B

Customizable function for remote control button B
Output select, Home select, Brightness, Dim screen, Mute, PEQ select,
On/Off trigger, PCM filter, Gain（Default）, PEQ switch, Crossfeed type,
Crossfeed cfg, Input select

5-9 DC detect sens

High（Default）, Low

6. Language

English, 简体中文, 日本語, 繁體中文

7. Factory reset

Select factory reset will have a pop-up, select Yes/No（Selected with color）, then press the middle button on the remote or the front-panel knob to confirm.

8.Trouble shooting

If there are problems during use, please find the corresponding solutions through the following links.
https://www.toppingaudio.com/faq
Finding Method: Window OS enters the search by pressing Ctrl and F（Mac OS presses the command and F）. Then enter the device model to jump to FQA of the device.
If you still have problems or questions, please contact us: service@tpdz.net

9.Precautions

1. Do not keep the unit in a hot, humid environment or hit the unit strongly.
2. Opening the case instantly voids the warranty!
3. Indoor use only.
4. Topping accepts no liability for any loss or damage arising directly or indirectly from the failure of DX5 II.
5. For improvement purposes, specifications subject to changes without prior notice.

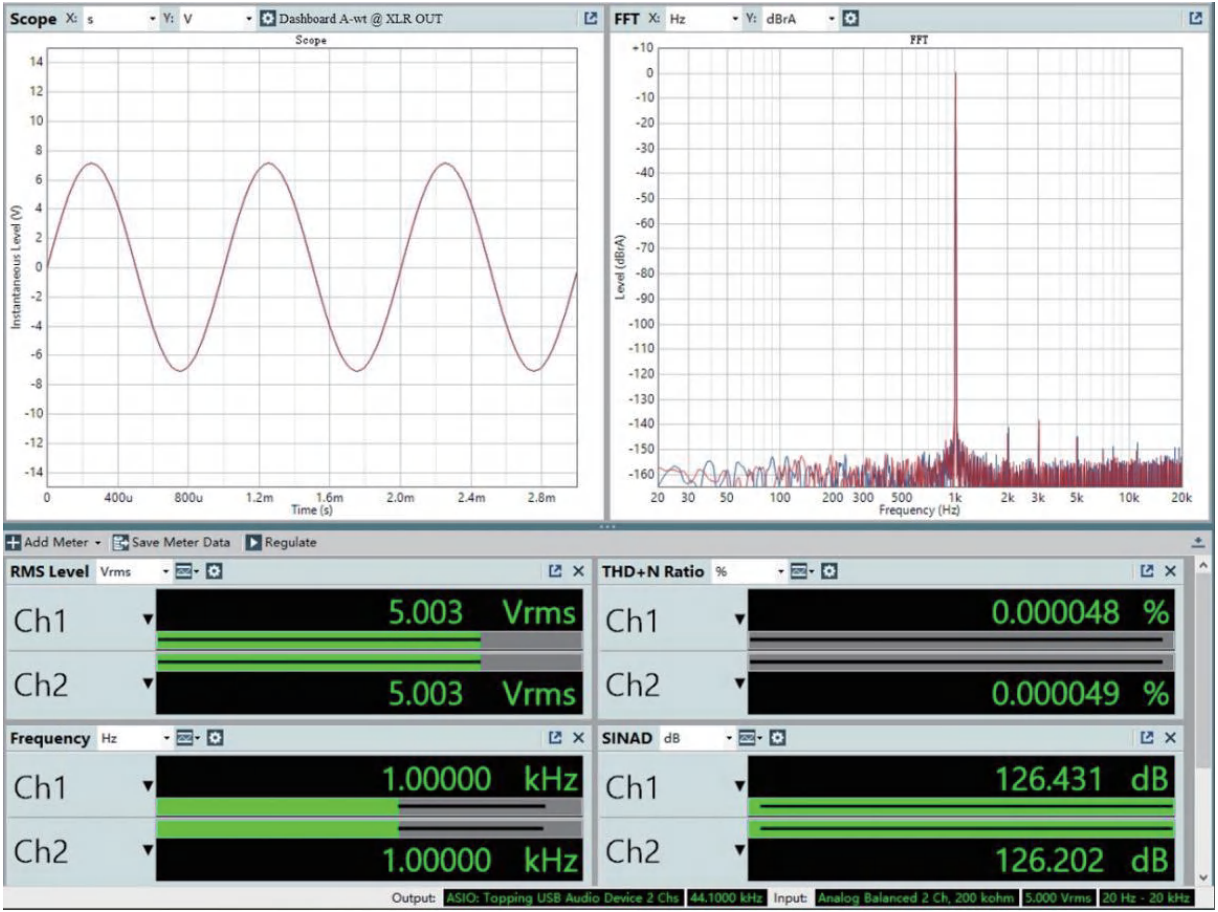
10.Specifications

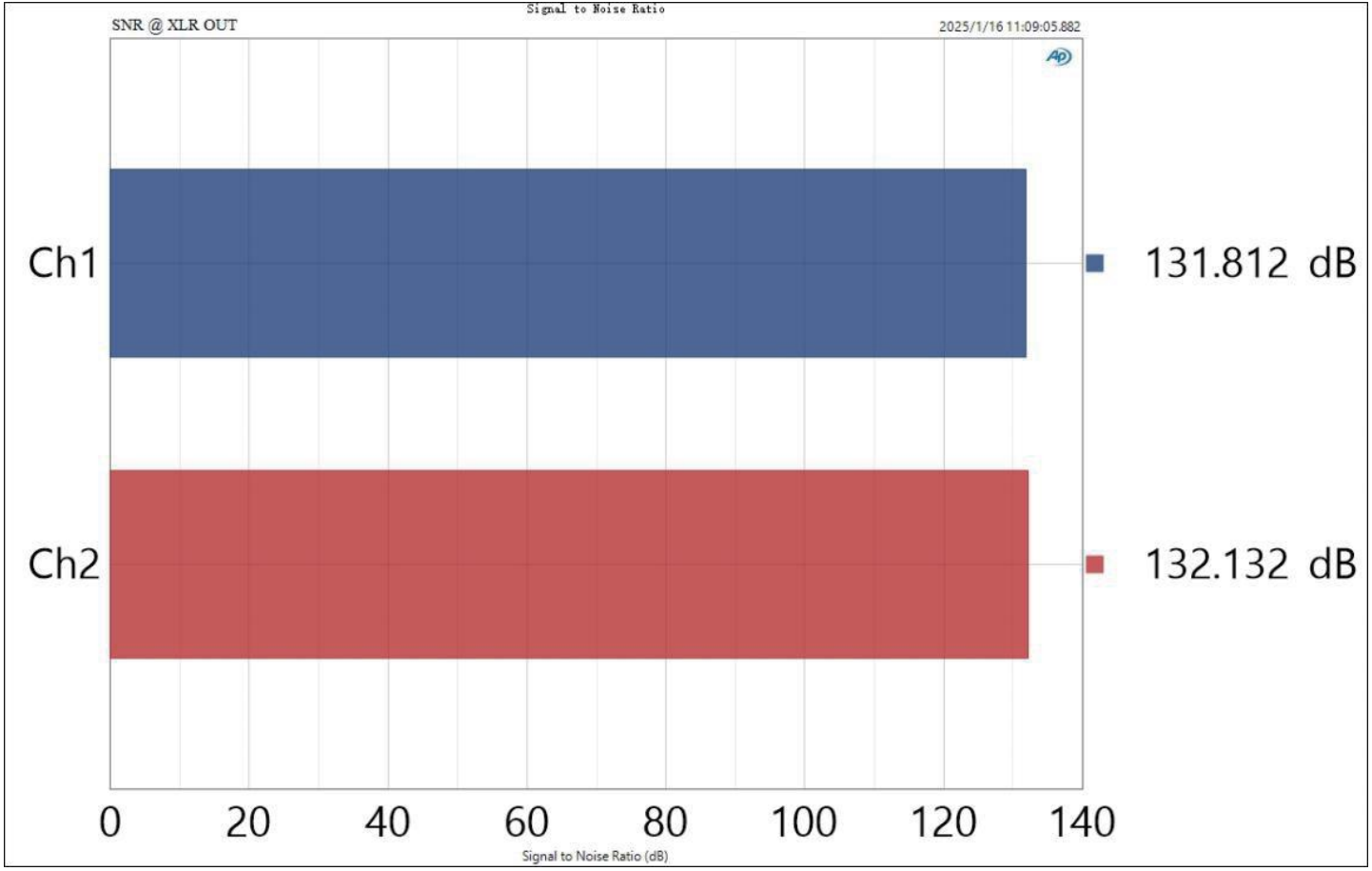
DX5 II DAC parameters（LineOut/USB In@96kHz）		
	RCA	XLR
THD+N @1kHz（A-wt）	<0.00008%	<0.00006%
THD @20-20kHz 90kBw	<0.0005%	<0.00015%
SNR @1kHz（A-wt）	128dB	132dB
Dynamic Range @1kHz（A-wt）	128dB	132dB
Frequency Response	20Hz-20kHz（±0.3dB）	20Hz-20kHz（±0.3dB）
	20Hz-40kHz（±1.0dB）	20Hz-40kHz（±1.0dB）
Output Level	2.5Vrms @0dBFS	5.0Vrms @0dBFS
Noise @A-wt	<1.1uVrms	<1.3uVrms
Channel Crosstalk	-135dB @1kHz	-147dB @1kHz
Channel Balance	0.3 dB	0.3 dB
Output Impedance	50Ω	100Ω

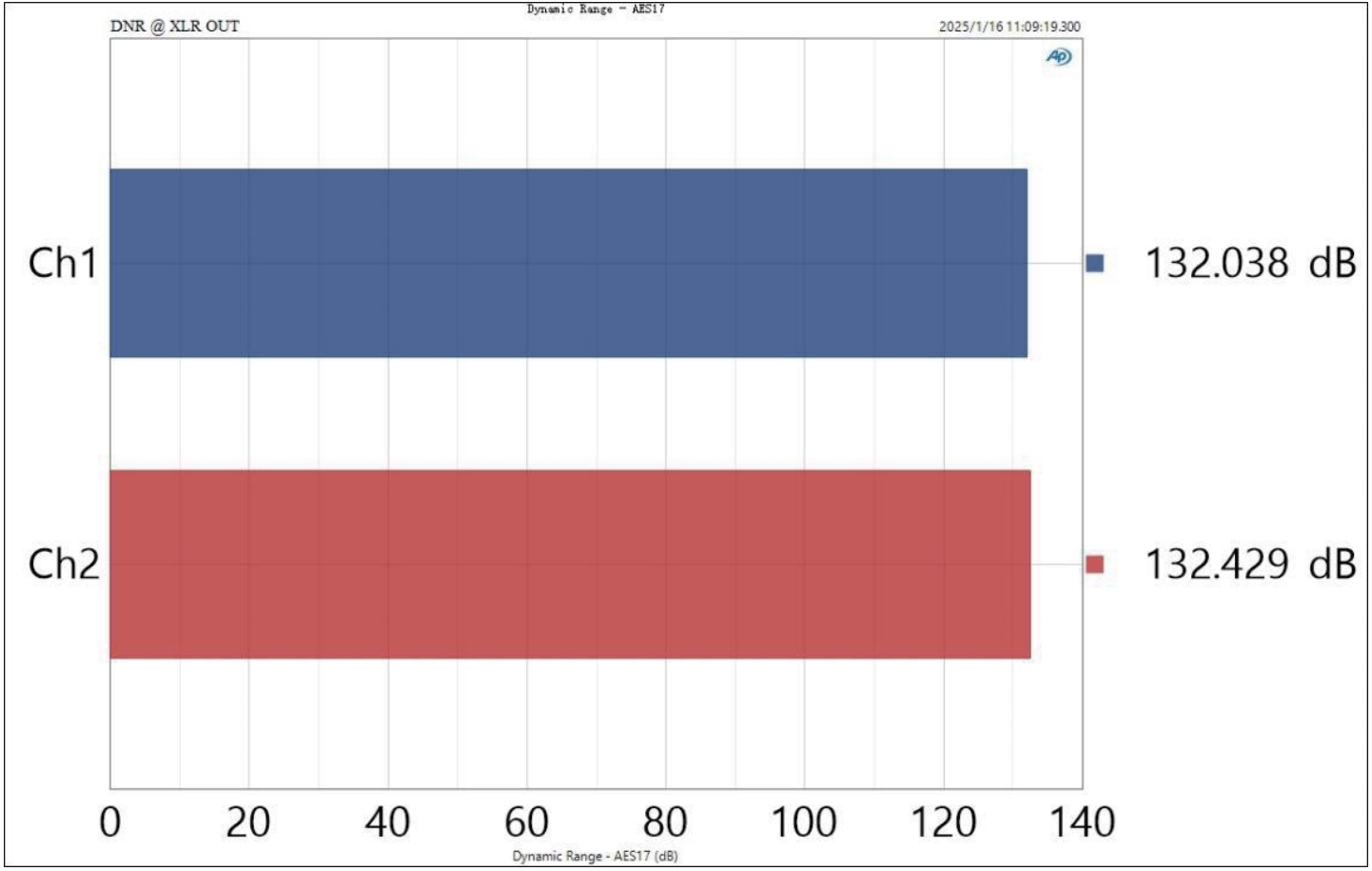
*Note: The above data is the result of the test in TOPPING laboratory under AC220V 50Hz condition.

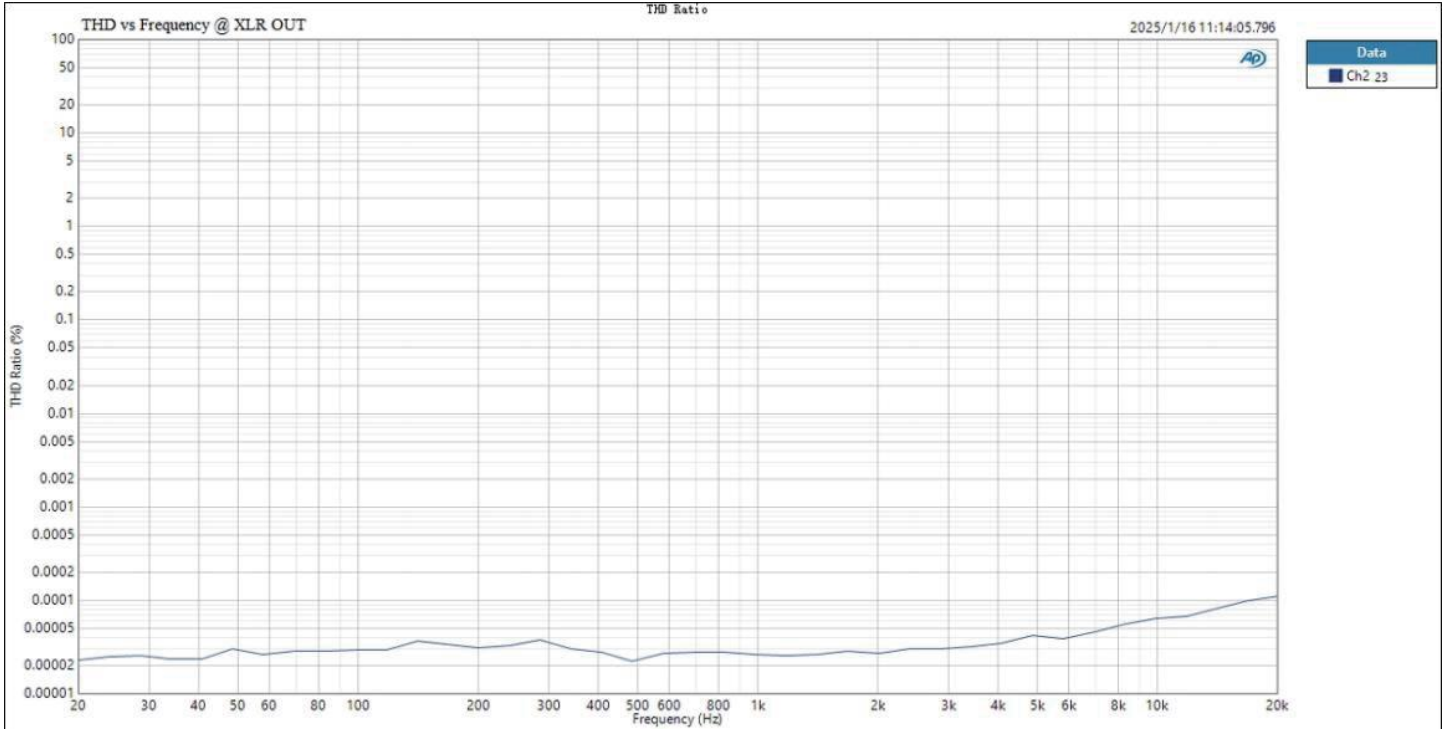
DX5 II Headphone Amplifier specifications（USB In@96kHz）		
	6.35mm headphone jack	4.4mm/4-pin-XLR headphone jack
THD+N @1kHz（A-wt）	<0.00008% @Output=200mW（32Ω）	<0.00008% @Output=850mW（32Ω）
	<0.00007% @Output=22mW（300Ω）	<0.00007% @Output=90mW（300Ω）
THD @20-20kHz（45kBW）	<0.00060% @Output=200mW（32Ω）	<0.00050% @Output=850mW（32Ω）
	<0.00050% @Output=22mW（300Ω）	<0.00050% @Output=90mW（300Ω）
SNR @MAX OUT 1kHz（A-wt）	131dB @1kHz	133dB @1kHz
Dynamic Range @1kHz（A-wt）	131dB @1kHz	133dB @1kHz
Frequency Response	20Hz-20kHz（±0.3dB）	20Hz-20kHz（±0.3dB）
	20Hz-40kHz（±1.0dB）	20Hz-40kHz（±1.0dB）
Output Level	7.2Vpp @G=L	15.0Vpp @G=L
	24.2Vpp @G=H	48.0Vpp @G=H
Noise（A-wt）	<1.1uVrms @G=L	<1.6uVrms @G=L
	<2.5uVrms @G=H	<4.3uVrms @G=H
Channel Crosstalk	-127dB @1kHz	-143dB @1kHz
Gain	G=L 8.6dB（Vrms/FS）	G=L 14.6dB(Vrms/FS)
	G=H 18.7dB（Vrms/FS）	G=H 24.7dB(Vrms/FS)
Channel Balance	0.3 dB	0.3 dB
Output Impedance	<0.1Ω	<0.1Ω
Output Power	3300mW x 2 @16Ω THD+N<1%	7600mW x 2 @16Ω THD+N<1%
	2200mW x 2 @32Ω THD+N<1%	6400mW x 2 @32Ω THD+N<1%
	1160mW x 2 @64Ω THD+N<1%	4300mW x 2 @64Ω THD+N<1%
	250mW x 2 @300Ω THD+N<1%	990mW x 2 @300Ω THD+N<1%
	120mW x 2 @600Ω THD+N<1%	490mW x 2 @600Ω THD+N<1%
Load impedance	>8Ω	>8Ω

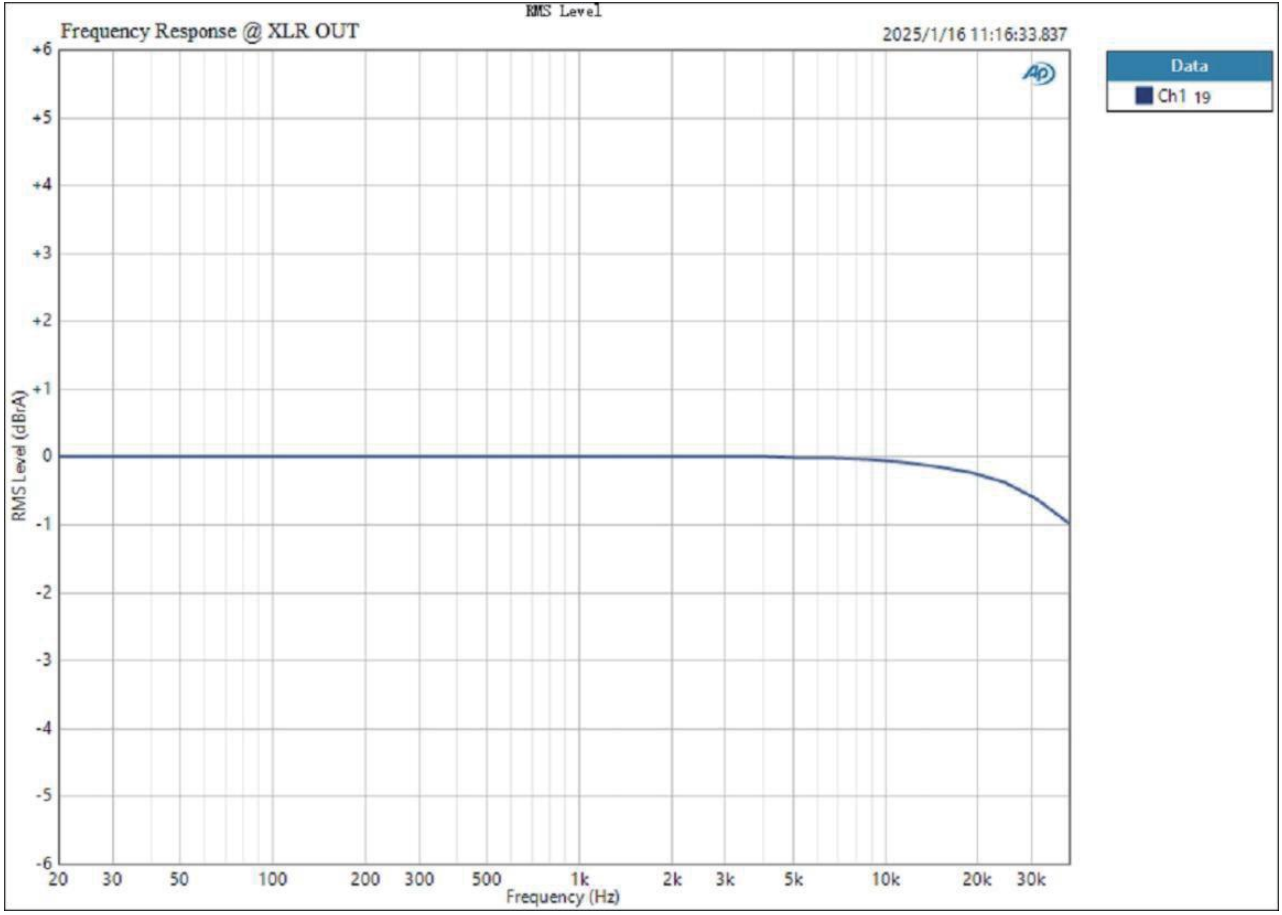
*Note: The above data is the result of the test in TOPPING laboratory under AC220V 50Hz condition.

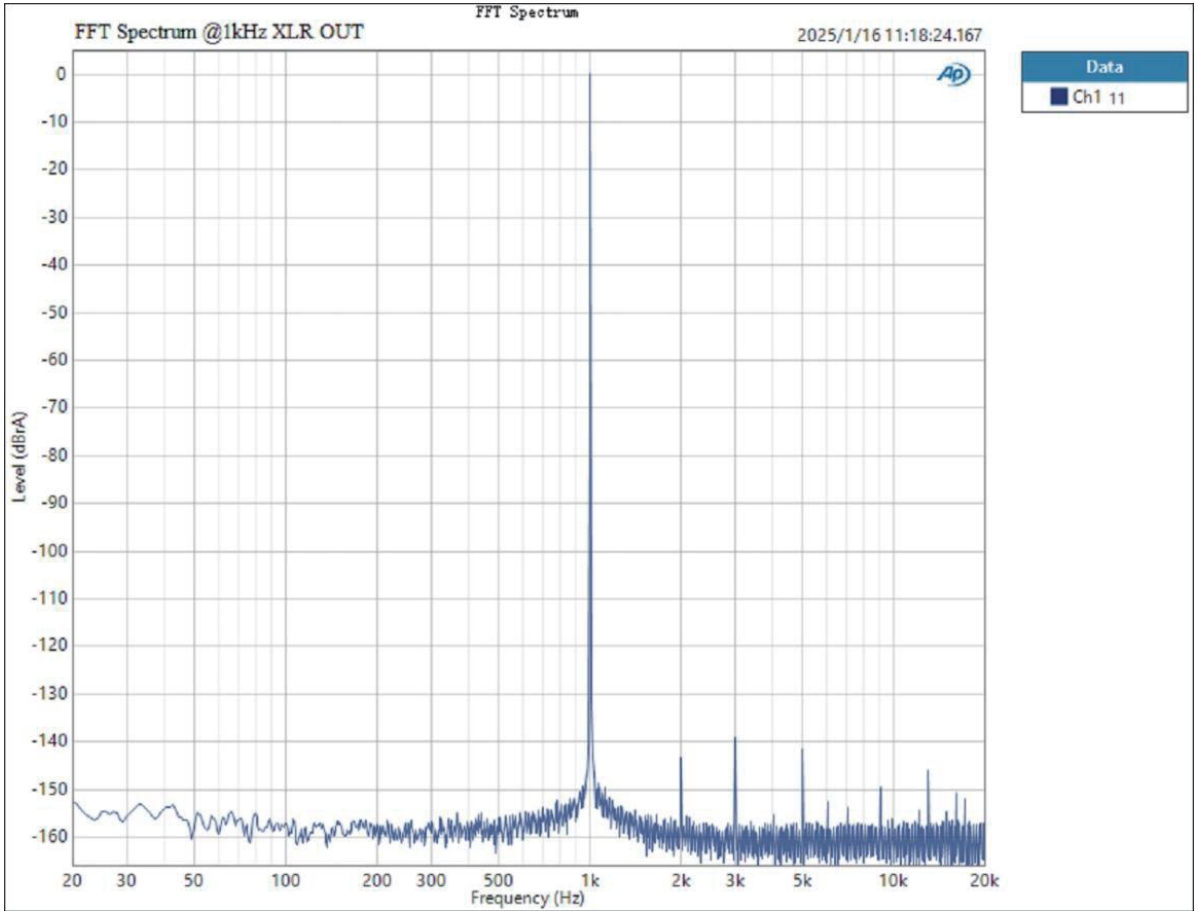

Scope X: s Y: V Dashboard A-wt @ XLR OUT
Scope
Instantaneous Level (V)
Time (s)
FFT X: Hz Y: dBrA
FFT
Level (dBrA)
Frequency (Hz)
Add Meter
Save Meter Data
Regulate
RMS Level Vrms
Ch1 5.003 Vrms
Ch2 5.003 Vrms
THD+N Ratio %
Ch1 0.000048 %
Ch2 0.000049 %
Frequency Hz
Ch1 1.00000 kHz
Ch2 1.00000 kHz
SINAD dB
Ch1 126.431 dB
Ch2 126.202 dB
Output: ASIO: Topping USB Audio Device 2 Chs 44.1000 kHz Input: Analog Balanced 2 Ch, 200 kohm 5.000 Vrms 20 Hz - 20 kHz

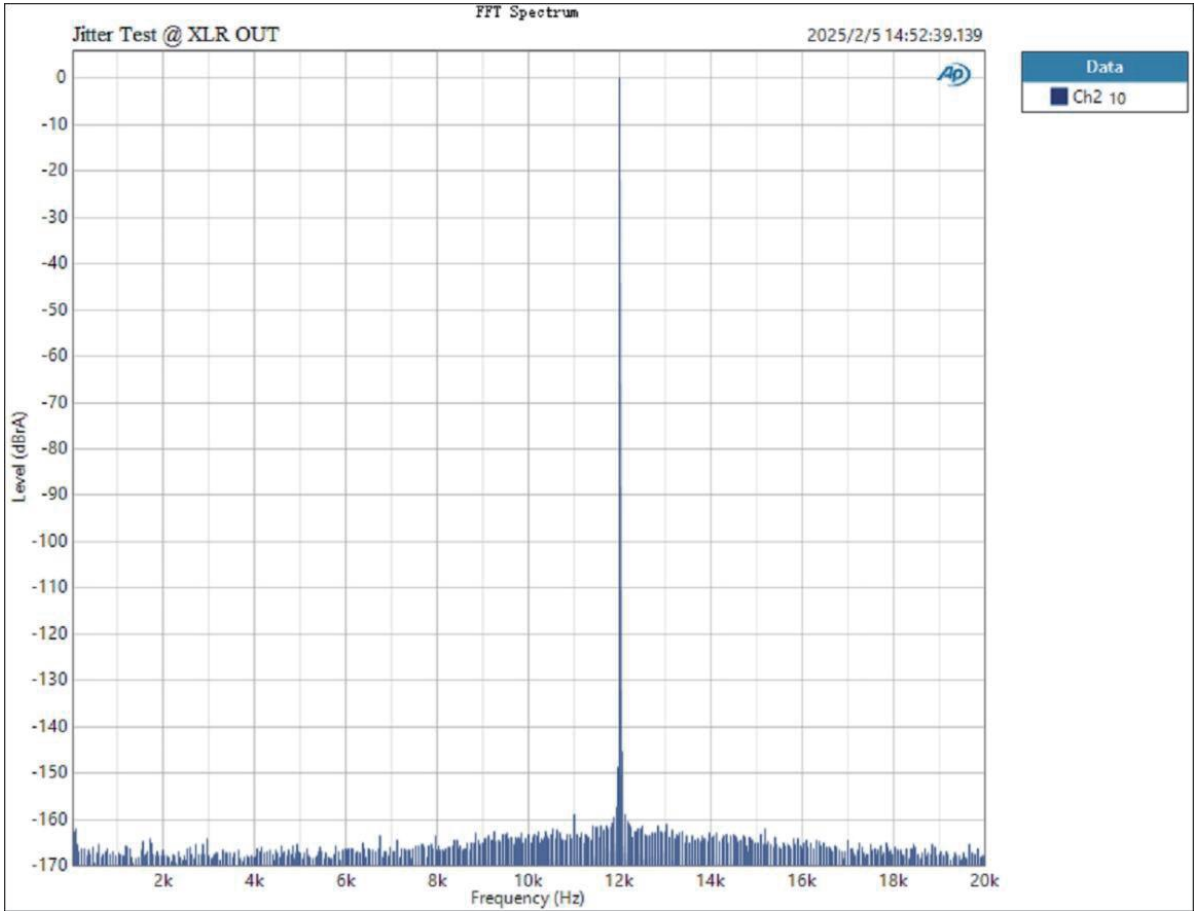

Signal to Noise Ratio
SNR @ XLR OUT
2025/1/16 11:09:05.882
Ch1
131.812 dB
Ch2
132.132 dB
0
20
40
60
80
100
120
140
Signal to Noise Ratio (dB)

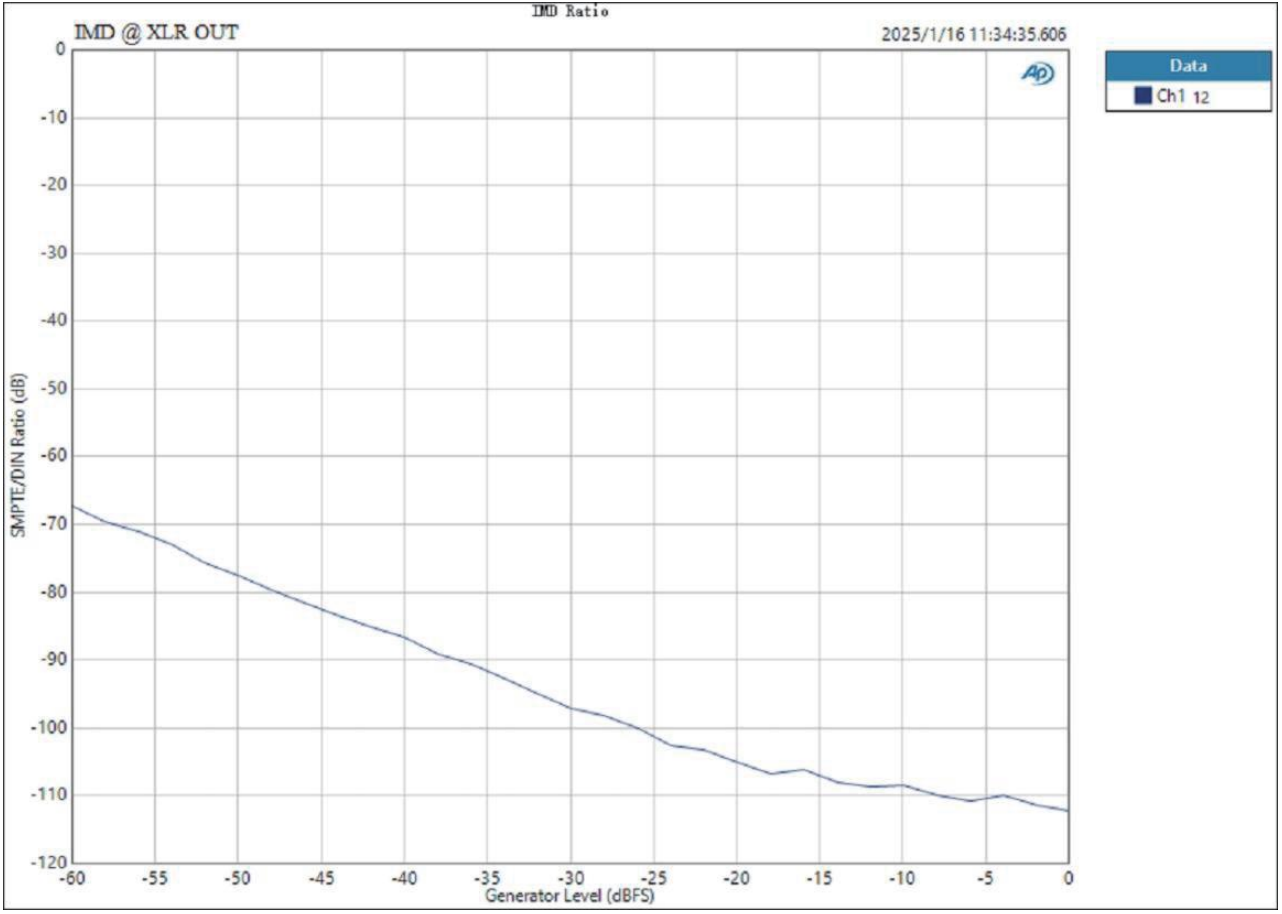

Dynamic Range - AES17
DNR @ XLR OUT
2025/1/16 11:09:19.300
Ch1
Ch2
132.038 dB
132.429 dB
0
20
40
60
80
100
120
140
Dynamic Range - AES17 (dB)

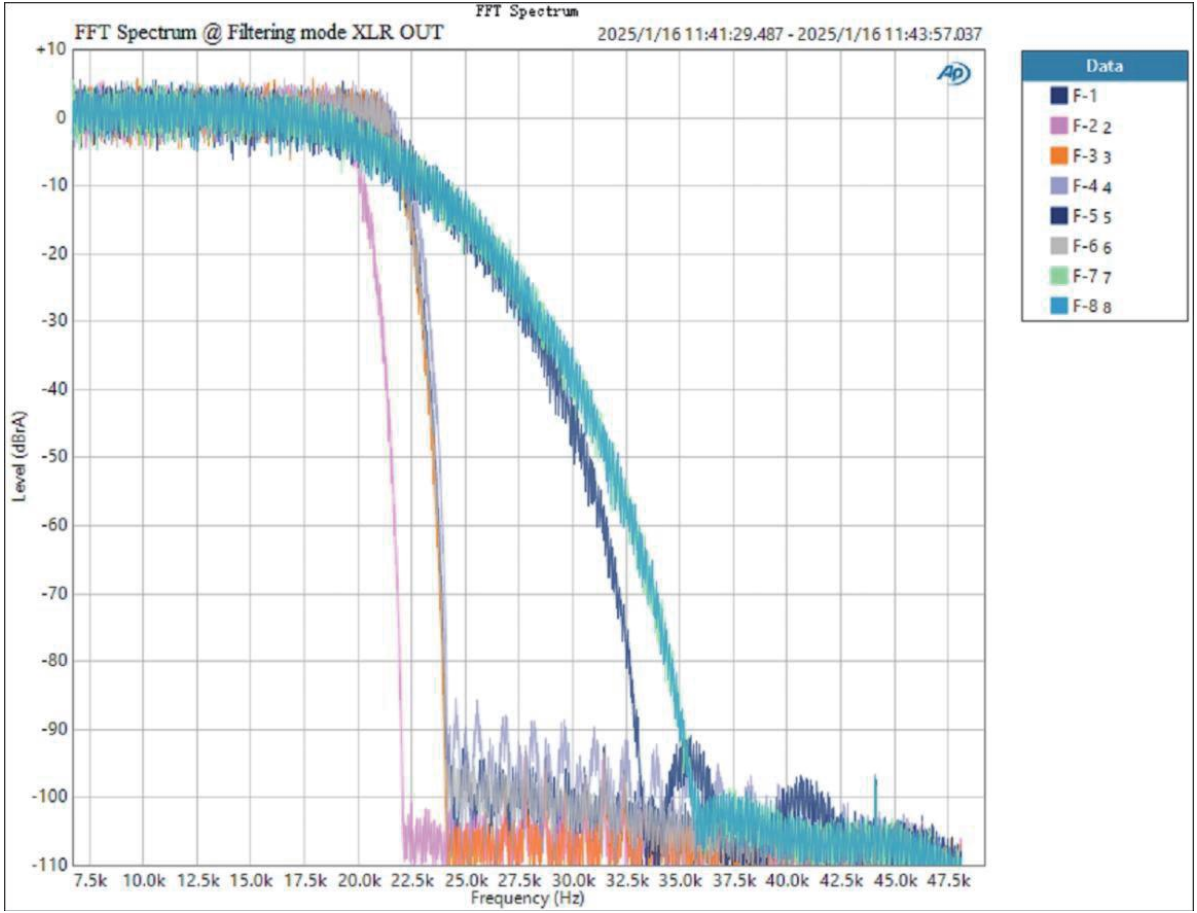

THD Ratio
THD vs Frequency @ XLR OUT
2025/1/16 11:14:05.796
Data
Ch2 23
THD Ratio (%)
100
50
20
10
5
2
1
0.5
0.2
0.1
0.05
0.02
0.01
0.005
0.002
0.001
0.0005
0.0002
0.0001
0.00005
0.00002
0.00001
20
30
40
50
60
80
100
200
300
400
500
600
800
1k
2k
3k
4k
5k
6k
8k
10k
20k
Frequency (Hz)

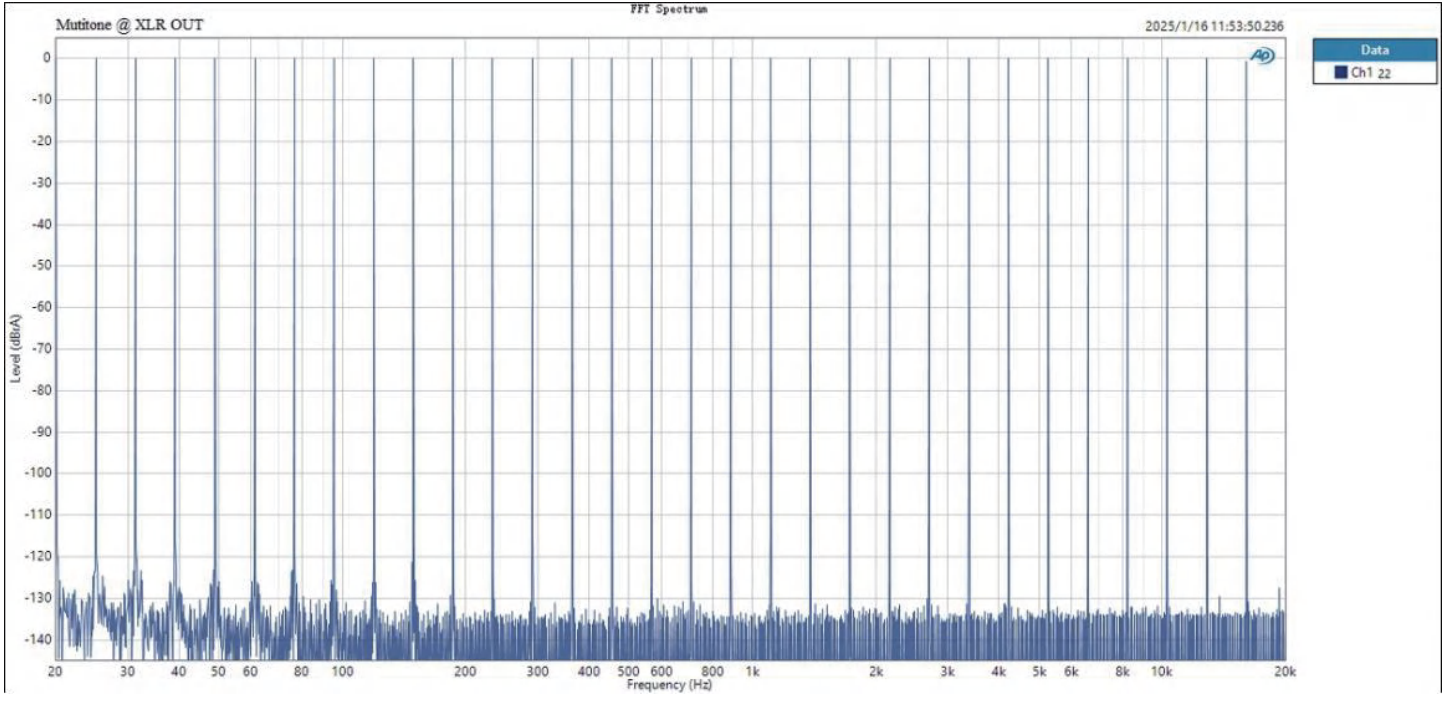

RMS Level
Frequency Response @ XLR OUT
2025/1/16 11:16:33.837
Data
Ch1 19
RMS Level (dBrA)
+6
+5
+4
+3
+2
+1
0
-1
-2
-3
-4
-5
-6
20
30
50
100
200
300
500
1k
2k
3k
5k
10k
20k
30k
Frequency (Hz)

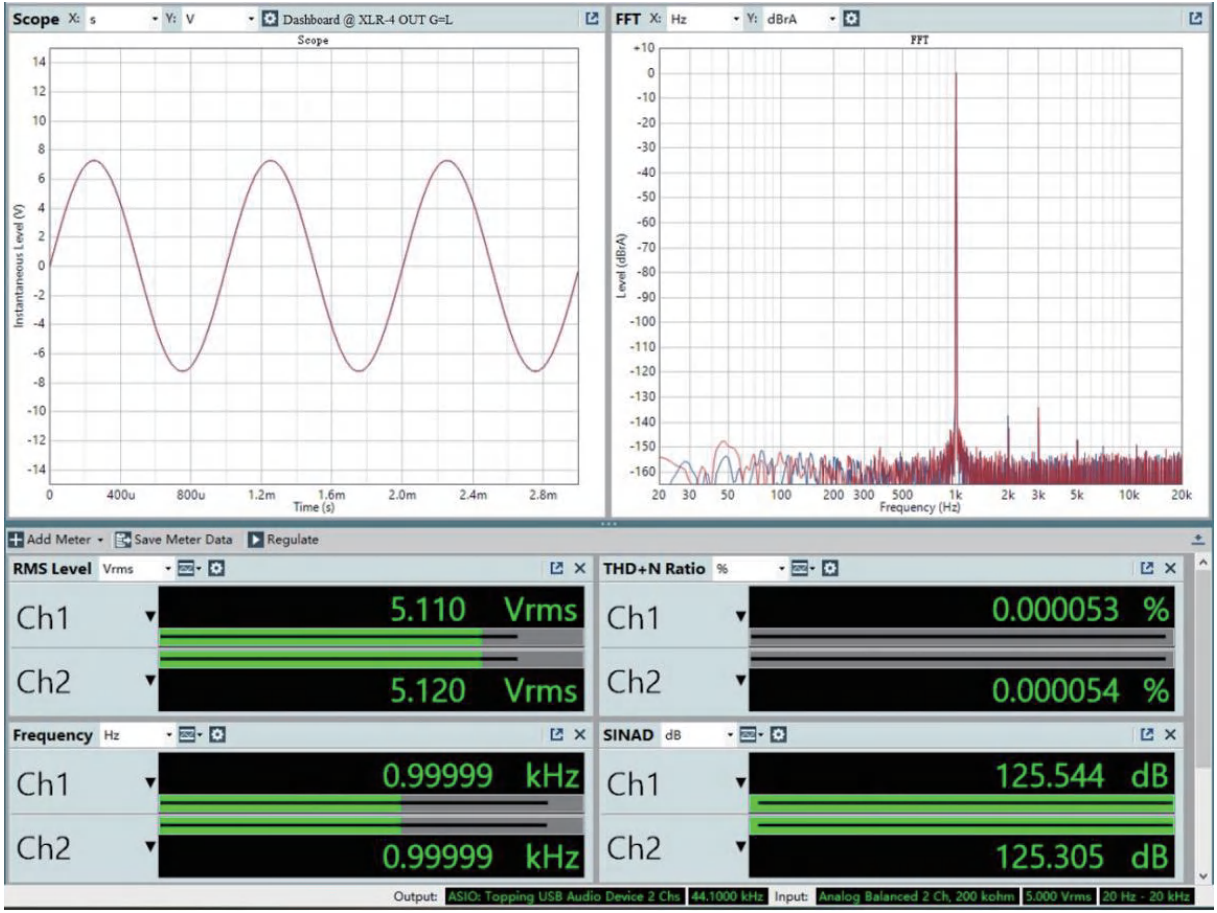

FFT Spectrum
FFT Spectrum @1kHz XLR OUT
2025/1/16 11:18:24.167
Data
Ch1 11
Level (dBrA)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
-140
-150
-160
20
30
50
100
200
300
500
1k
2k
3k
5k
10k
20k
Frequency (Hz)

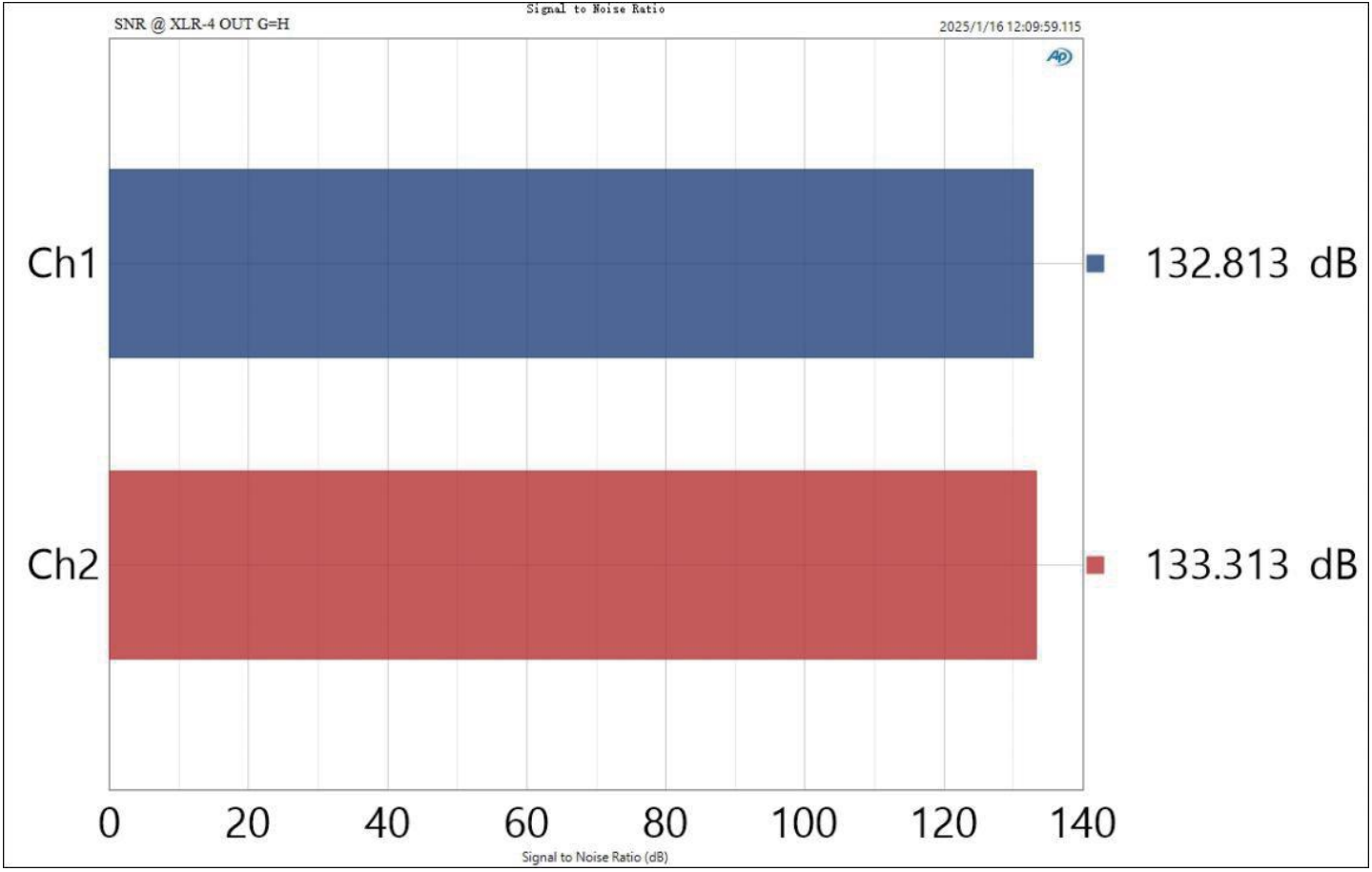

FFT Spectrum
Jitter Test @ XLR OUT
2025/2/5 14:52:39.139
Data
Ch2 10
Level (dBrA)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
-140
-150
-160
-170
2k
4k
6k
8k
10k
12k
14k
16k
18k
20k
Frequency (Hz)

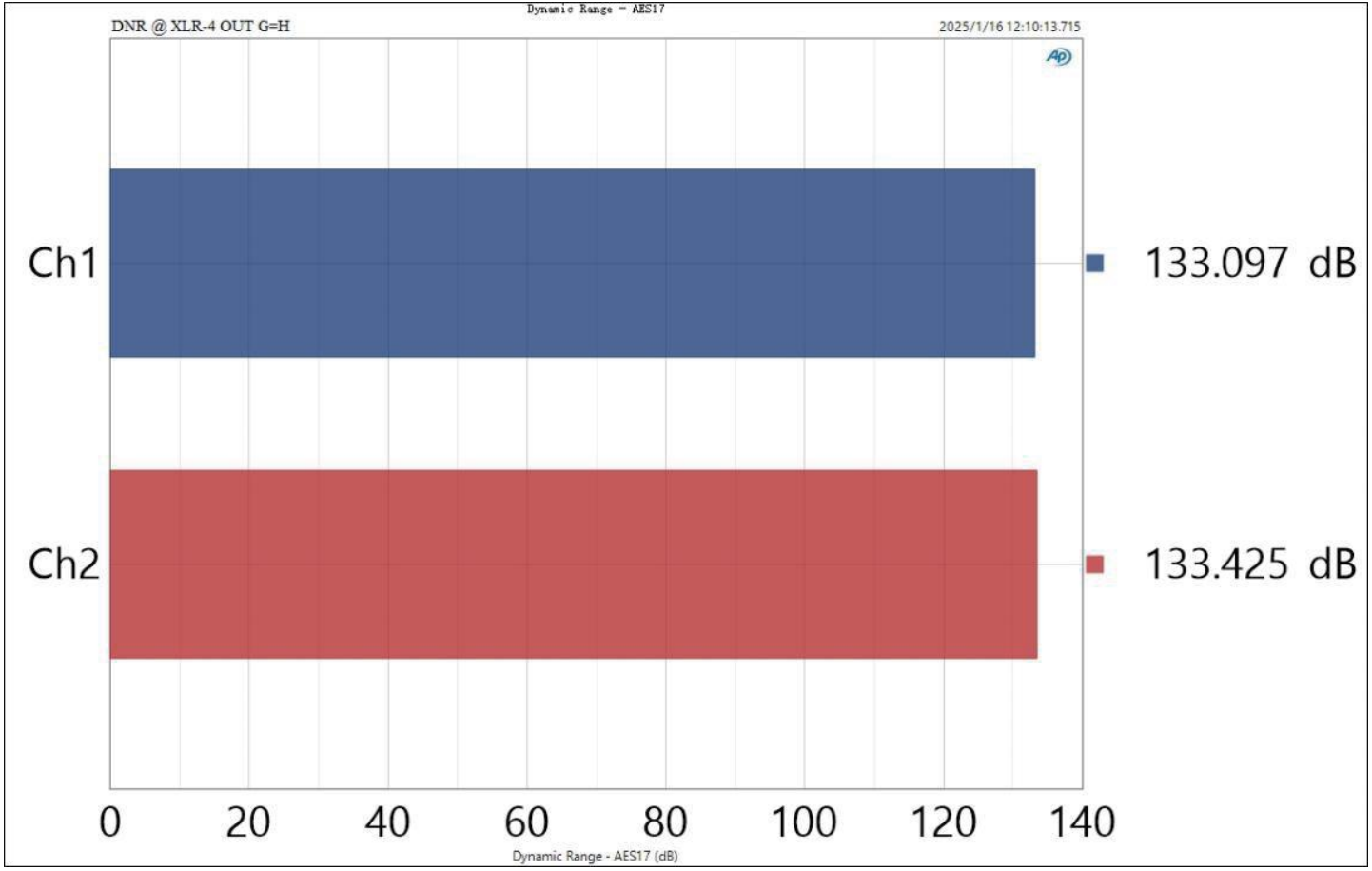

IMD Ratio
IMD @ XLR OUT
2025/1/16 11:34:35.606
Data
Ch1 12
SMPTE/DIN Ratio (dB)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-60
-55
-50
-45
-40
-35
-30
-25
-20
-15
-10
-5
0
Generator Level (dBFS)

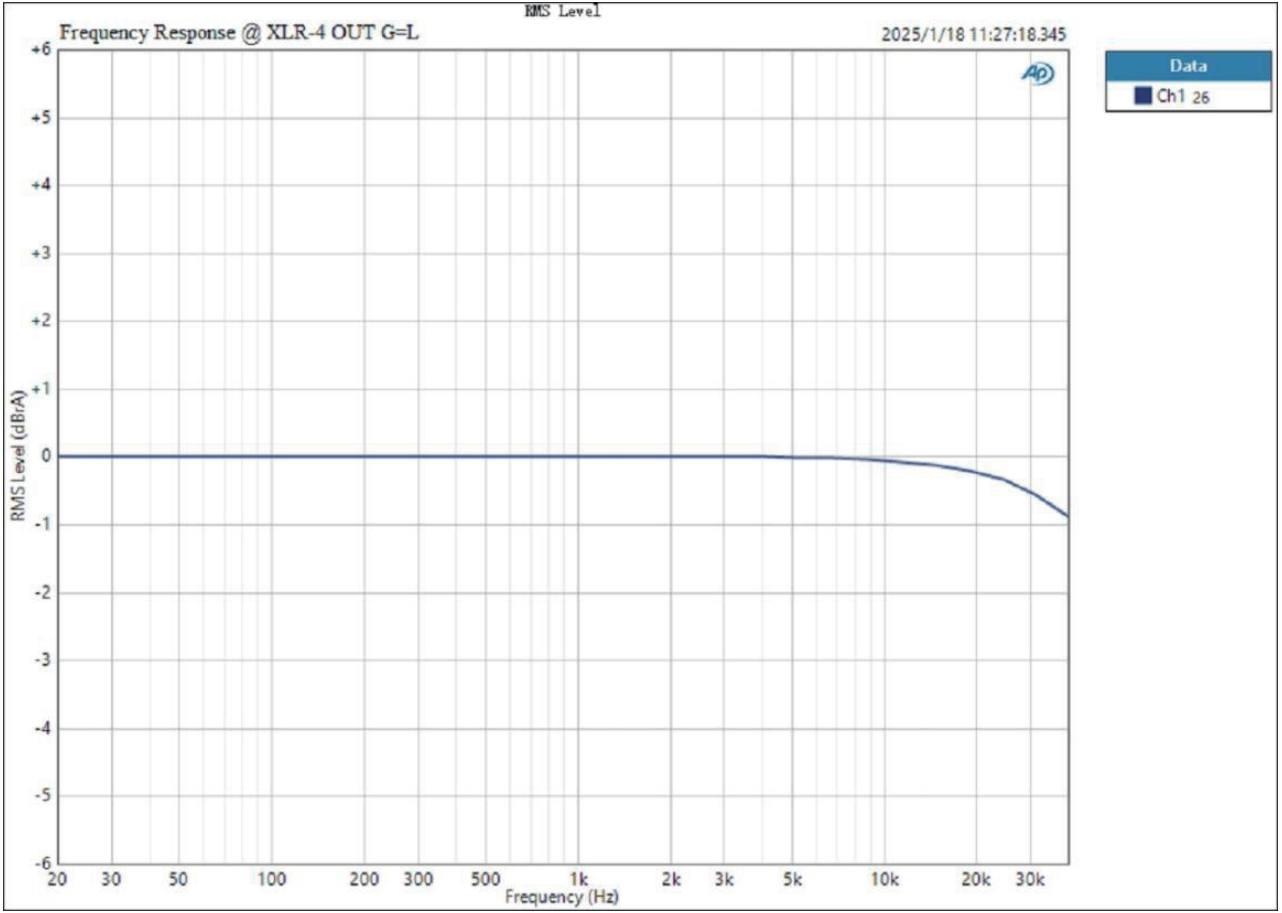

FFT Spectrum
FFT Spectrum @ Filtering mode XLR OUT
2025/1/16 11:41:29.487 - 2025/1/16 11:43:57.037
Data
F-1
F-2 2
F-3 3
F-4 4
F-5 5
F-6 6
F-7 7
F-8 8
+10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
Level (dBrA)
7.5k 10.0k 12.5k 15.0k 17.5k 20.0k 22.5k 25.0k 27.5k 30.0k 32.5k 35.0k 37.5k 40.0k 42.5k 45.0k 47.5k
Frequency (Hz)

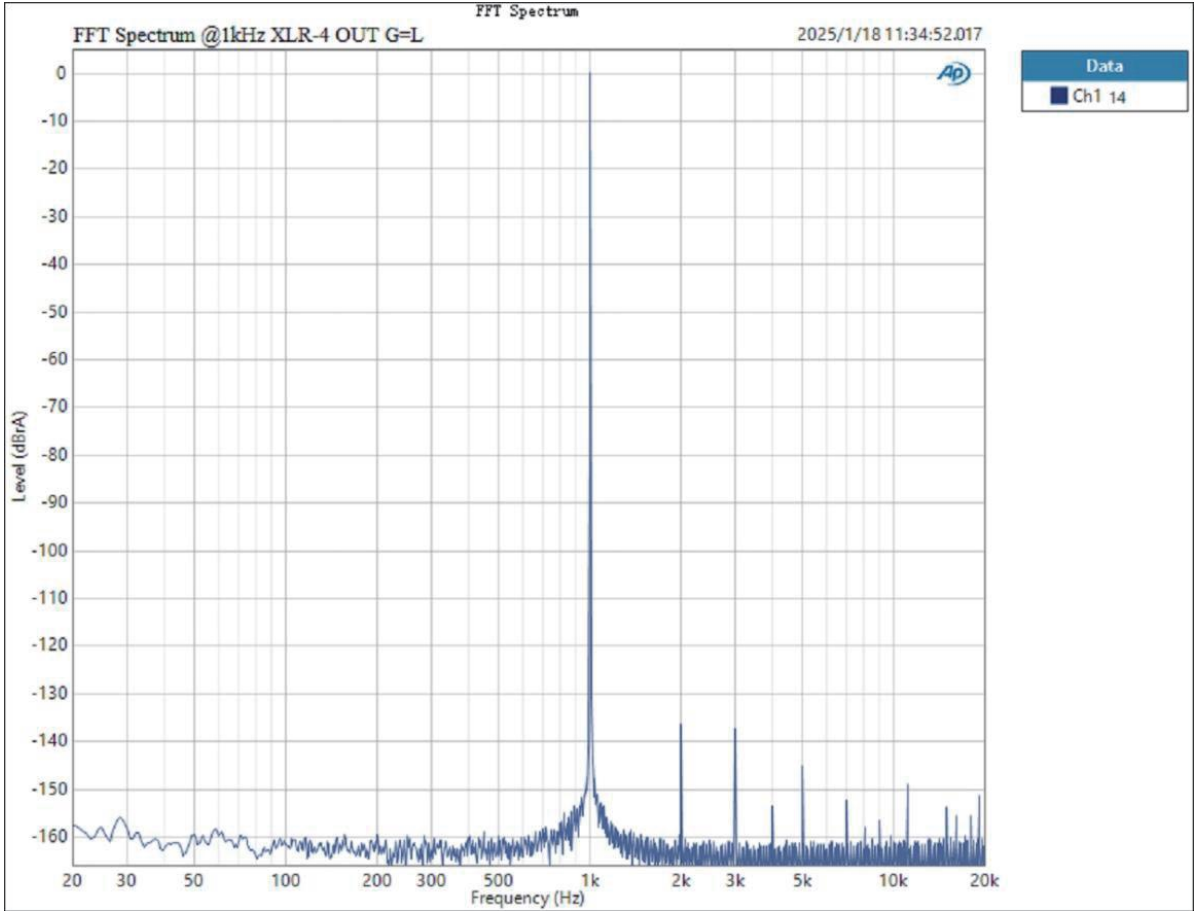

FFT Spectrum
Mutitone @ XLR OUT
2025/1/16 11:53:50.236
Data
Ch1 22
Level (dBrA)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
-140
20
30
40
50
60
80
100
200
300
400
500
600
800
1k
2k
3k
4k
5k
6k
8k
10k
20k
Frequency (Hz)

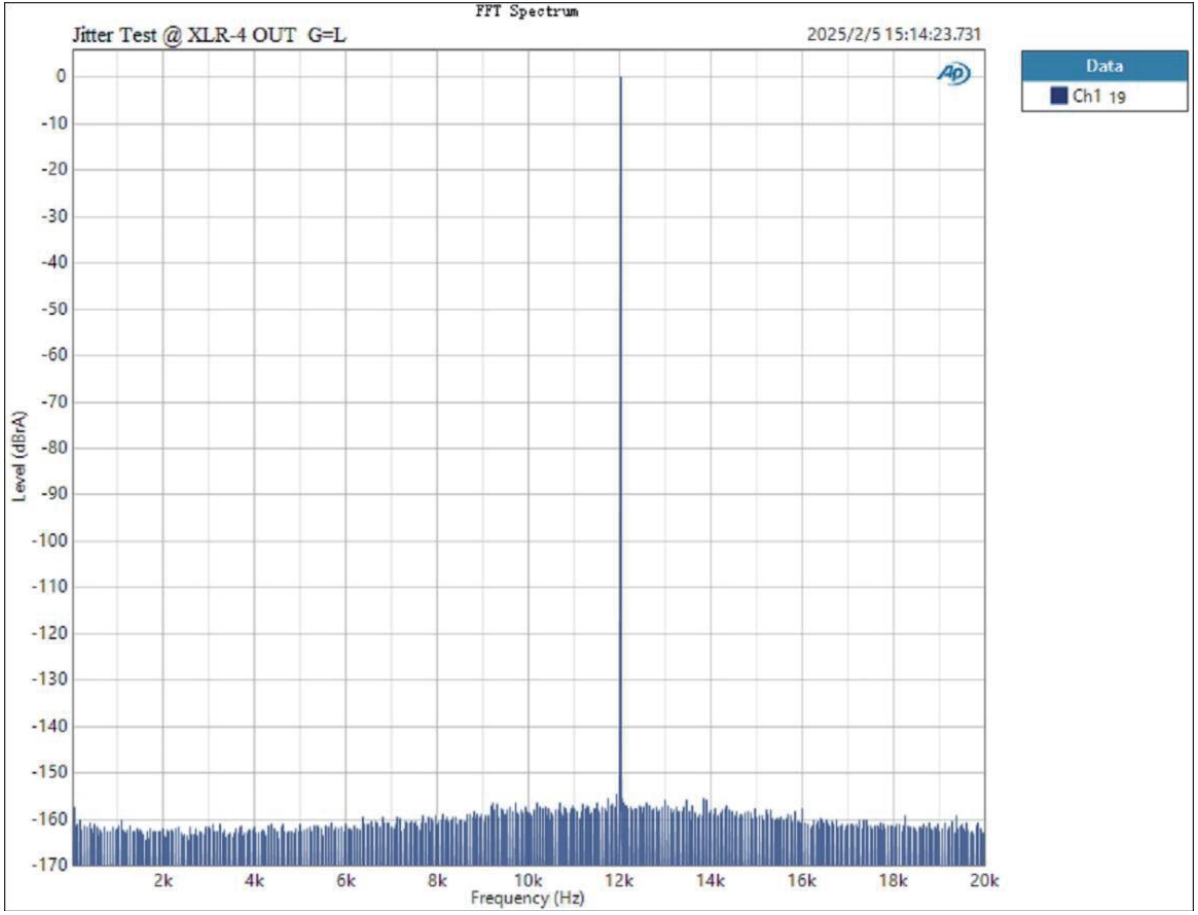

Scope X: s Y: V Dashboard @ XLR-4 OUT G=L
Scope
Instantaneous Level (V)
Time (s)
FFT X: Hz Y: dBrA
FFT
Level (dBrA)
Frequency (Hz)
Add Meter
Save Meter Data
Regulate
RMS Level Vrms
Ch1 5.110 Vrms
Ch2 5.120 Vrms
THD+N Ratio %
Ch1 0.000053 %
Ch2 0.000054 %
Frequency Hz
Ch1 0.99999 kHz
Ch2 0.99999 kHz
SINAD dB
Ch1 125.544 dB
Ch2 125.305 dB
Output: ASIO: Topping USB Audio Device 2 Chs 44.1000 kHz Input: Analog Balanced 2 Ch, 200 kohm 5.000 Vrms 20 Hz - 20 kHz

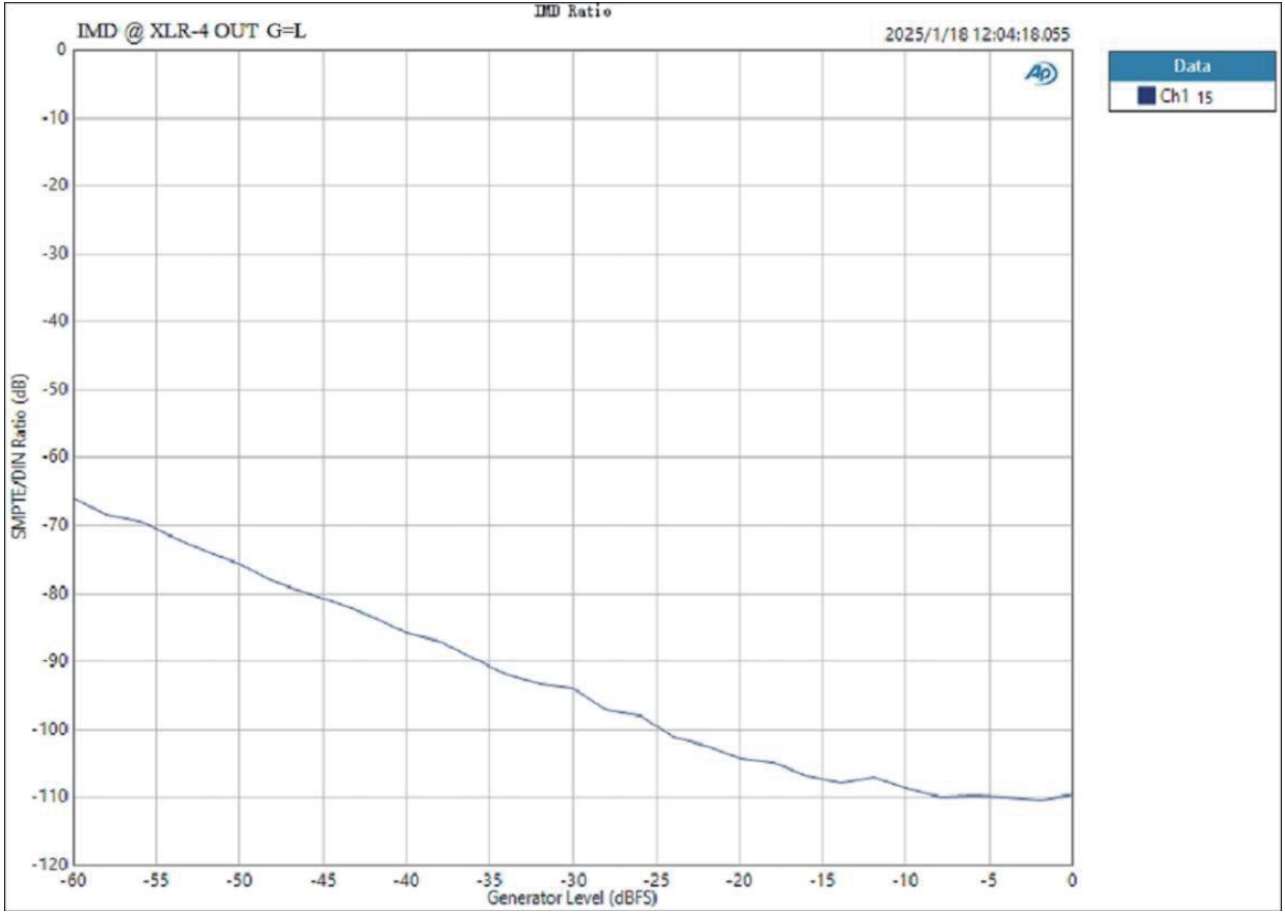

Signal to Noise Ratio
SNR @ XLR-4 OUT G=H
2025/1/16 12:09:59.115
Ch1
132.813 dB
Ch2
133.313 dB
0
20
40
60
80
100
120
140
Signal to Noise Ratio (dB)

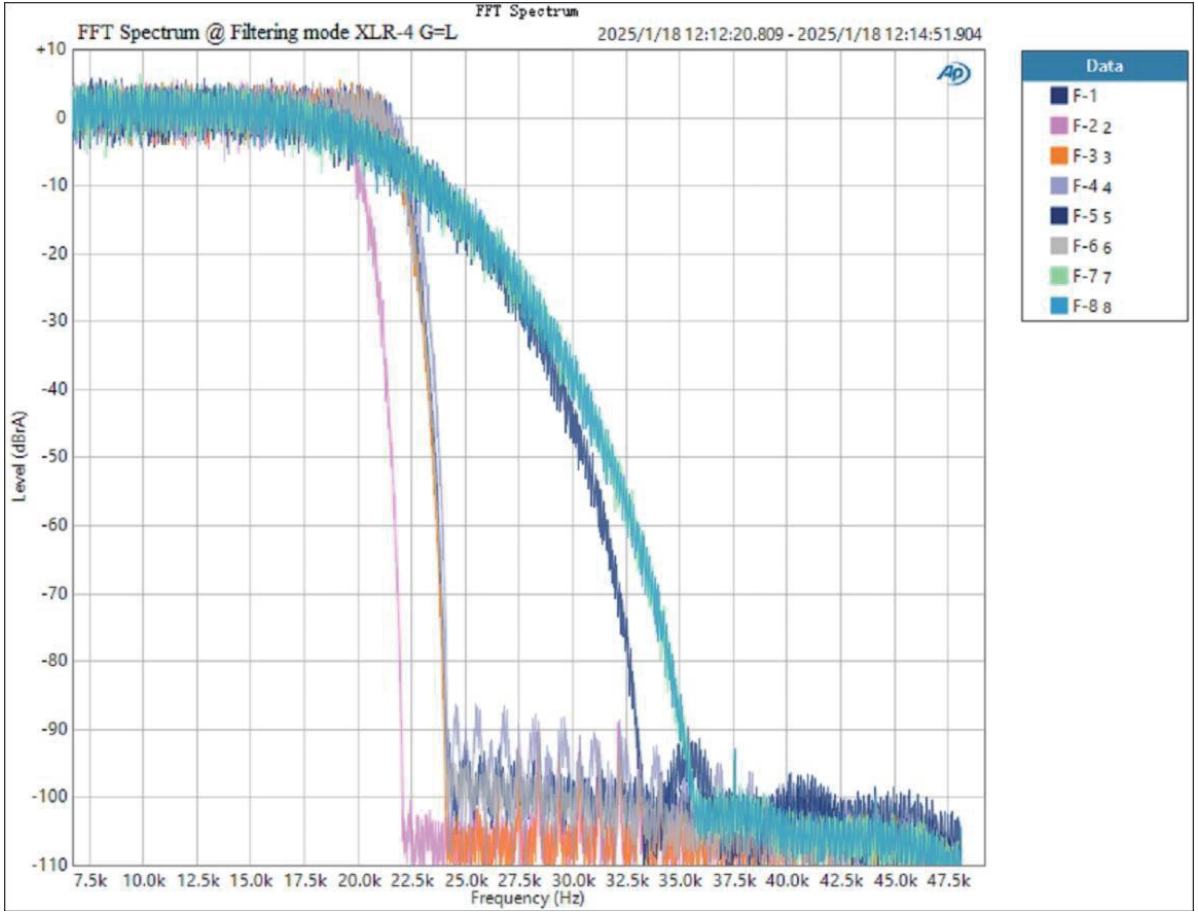

Dynamic Range - AES17
DNR @ XLR-4 OUT G=H
2025/1/16 12:10:13.715
Ch1
Ch2
133.097 dB
133.425 dB
0
20
40
60
80
100
120
140
Dynamic Range - AES17 (dB)

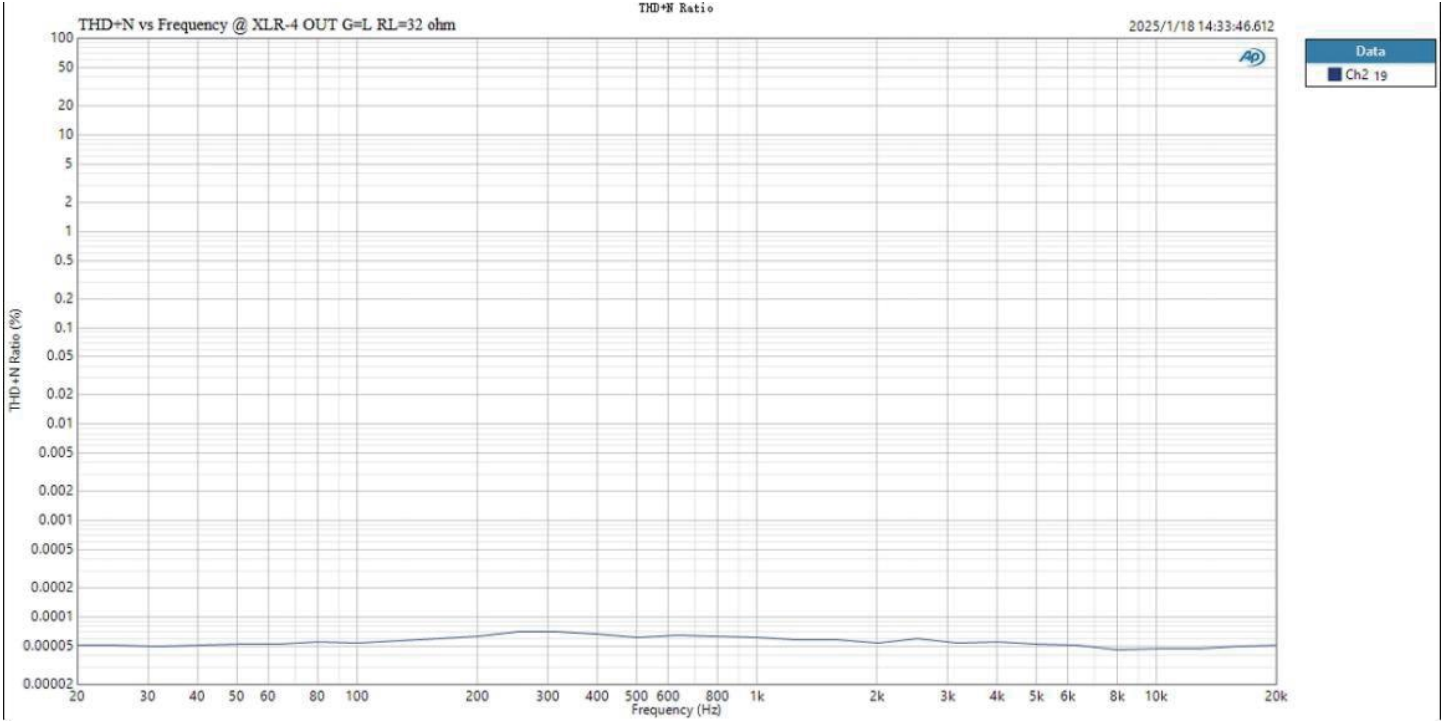

RMS Level
Frequency Response @ XLR-4 OUT G=L
2025/1/18 11:27:18.345
Data
Ch1 26
RMS Level (dBrA)
+6
+5
+4
+3
+2
+1
0
-1
-2
-3
-4
-5
-6
20
30
50
100
200
300
500
1k
2k
3k
5k
10k
20k
30k
Frequency (Hz)

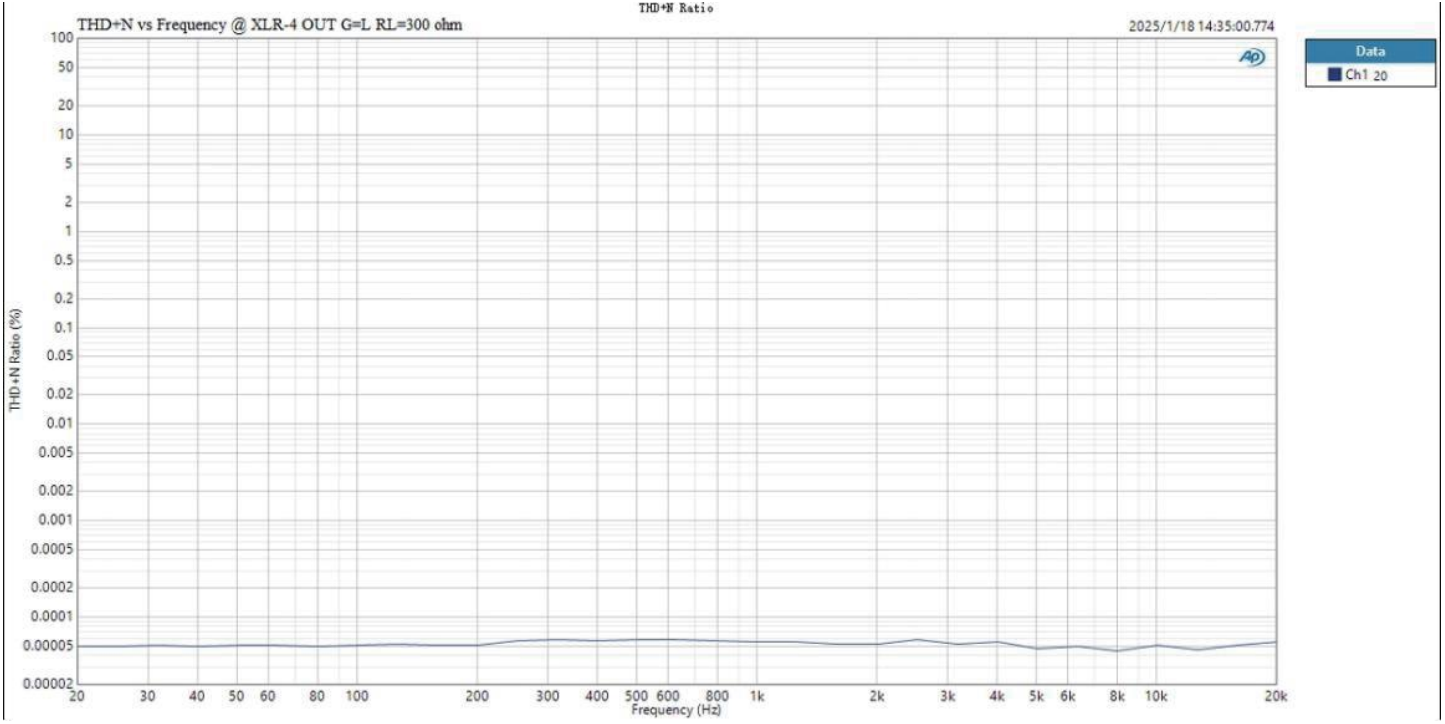

FFT Spectrum
FFT Spectrum @1kHz XLR-4 OUT G=L
2025/1/18 11:34:52.017
Data
Ch1 14
Level (dBrA)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
-140
-150
-160
20
30
50
100
200
300
500
1k
2k
3k
5k
10k
20k
Frequency (Hz)

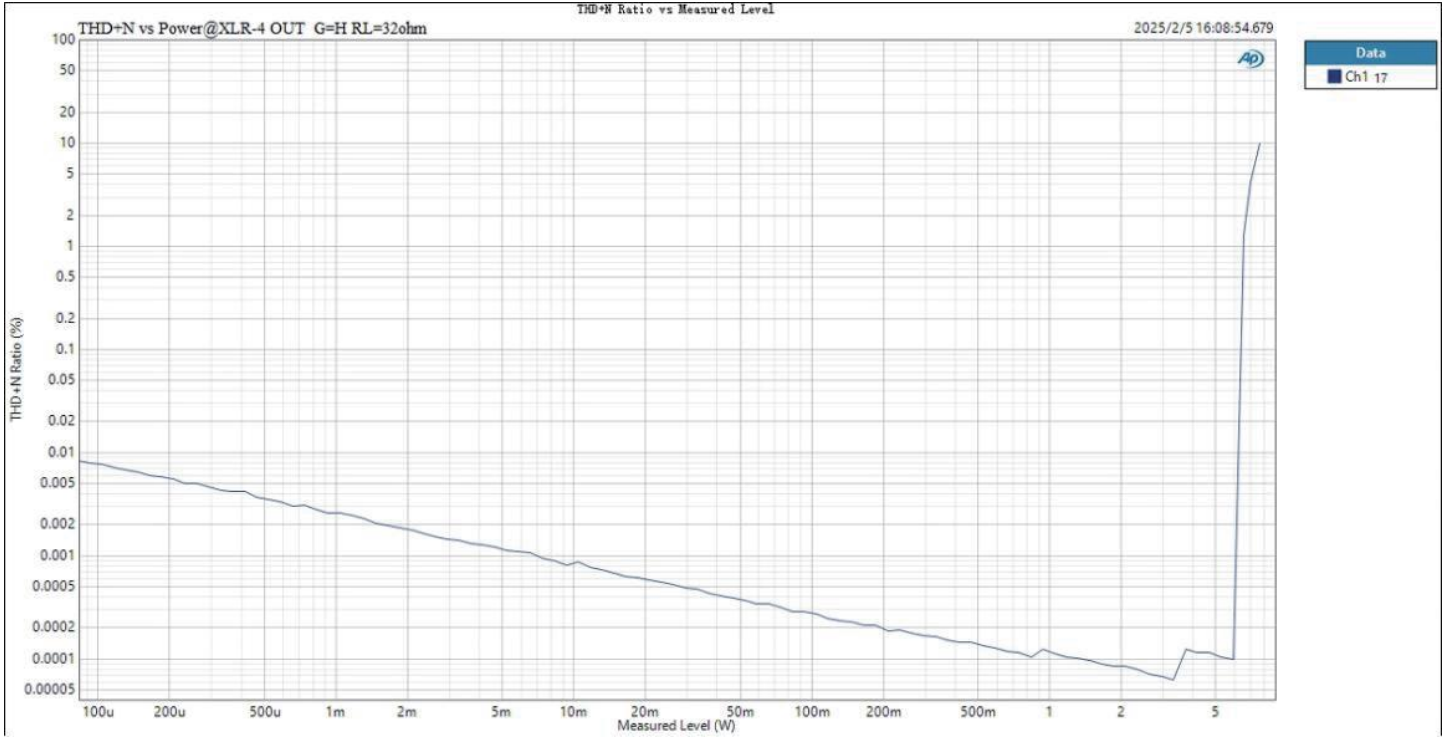

FFT Spectrum
Jitter Test @ XLR-4 OUT G=L
2025/2/5 15:14:23.731
Data
Ch1 19
Level (dBrA)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
-140
-150
-160
-170
2k
4k
6k
8k
10k
12k
14k
16k
18k
20k
Frequency (Hz)

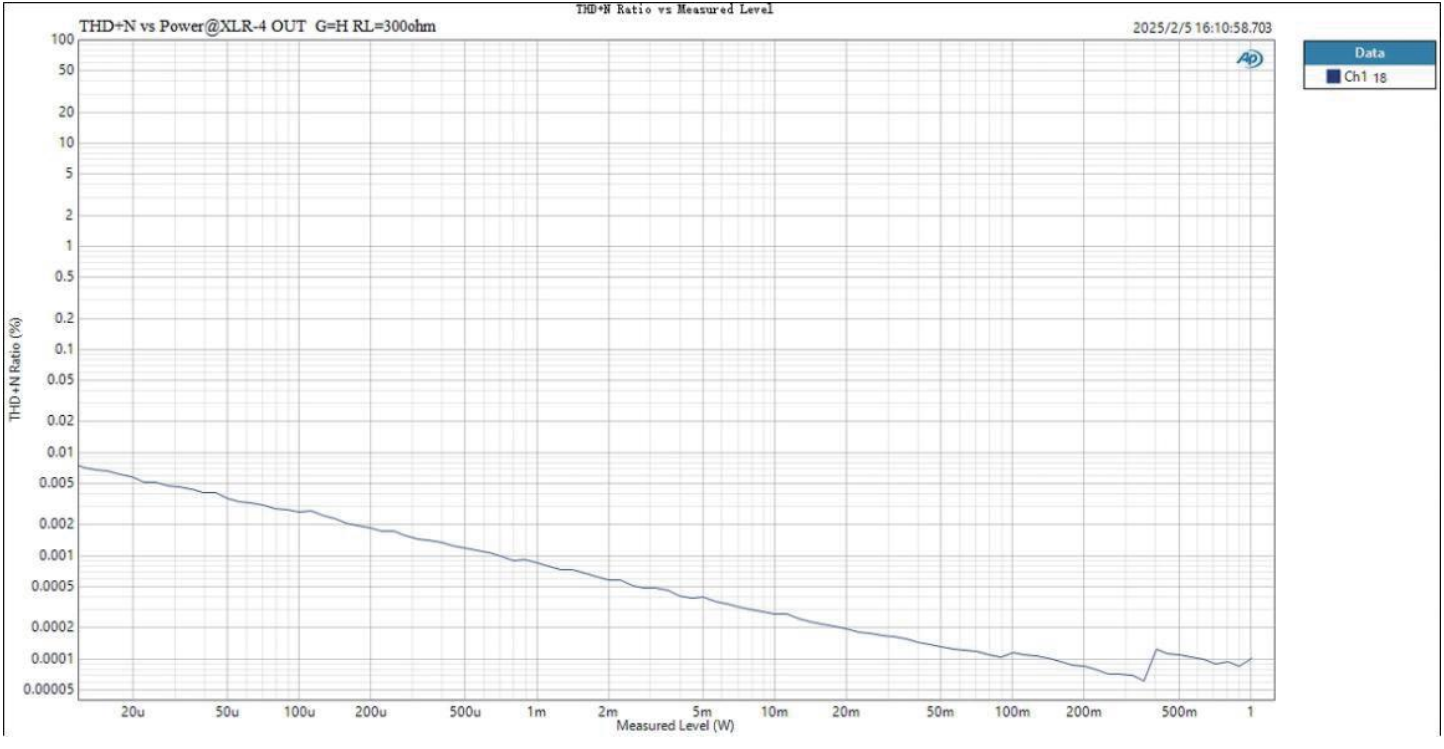

IMD Ratio
IMD @ XLR-4 OUT G=L
2025/1/18 12:04:18.055
Data
Ch1 15
SMPTE/DIN Ratio (dB)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-60
-55
-50
-45
-40
-35
-30
-25
-20
-15
-10
-5
0
Generator Level (dBFS)


FFT Spectrum
FFT Spectrum @ Filtering mode XLR-4 G=L
2025/1/18 12:12:20.809 - 2025/1/18 12:14:51.904
Data
F-1
F-2 2
F-3 3
F-4 4
F-5 5
F-6 6
F-7 7
F-8 8
+10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
Level (dBrA)
7.5k 10.0k 12.5k 15.0k 17.5k 20.0k 22.5k 25.0k 27.5k 30.0k 32.5k 35.0k 37.5k 40.0k 42.5k 45.0k 47.5k
Frequency (Hz)


THD+N Ratio
THD+N vs Frequency @ XLR-4 OUT G=L RL=32 ohm
2025/1/18 14:33:46.612
Data
Ch2 19
THD+N Ratio (%)
100
50
20
10
5
2
1
0.5
0.2
0.1
0.05
0.02
0.01
0.005
0.002
0.001
0.0005
0.0002
0.0001
0.00005
0.00002
20
30
40
50
60
80
100
200
300
400
500
600
800
1k
2k
3k
4k
5k
6k
8k
10k
20k
Frequency (Hz)


THD+N Ratio
THD+N vs Frequency @ XLR-4 OUT G=L RL=300 ohm
2025/1/18 14:35:00.774
Data
Ch1 20
THD+N Ratio (%)
100
50
20
10
5
2
1
0.5
0.2
0.1
0.05
0.02
0.01
0.005
0.002
0.001
0.0005
0.0002
0.0001
0.00005
0.00002
20
30
40
50
60
80
100
200
300
400
500
600
800
1k
2k
3k
4k
5k
6k
8k
10k
20k
Frequency (Hz)


THD+N Ratio vs Measured Level
THD+N vs Power@XLR-4 OUT G=H RL=32ohm
2025/2/5 16:08:54.679
Data
Ch1 17
THD+N Ratio (%)
100
50
20
10
5
2
1
0.5
0.2
0.1
0.05
0.02
0.01
0.005
0.002
0.001
0.0005
0.0002
0.0001
0.00005
100u
200u
500u
1m
2m
5m
10m
20m
50m
100m
200m
500m
1
2
5
Measured Level (W)


THD+N Ratio vs Measured Level
THD+N vs Power@XLR-4 OUT G=H RL=300ohm
2025/2/5 16:10:58.703
Data
Ch1 18
THD+N Ratio (%)
100
50
20
10
5
2
1
0.5
0.2
0.1
0.05
0.02
0.01
0.005
0.002
0.001
0.0005
0.0002
0.0001
0.00005
20u
50u
100u
200u
500u
1m
2m
5m
10m
20m
50m
100m
200m
500m
1
Measured Level (W)