







Sequence Report









Summary


Output bench

Level and Gain	 PASSED
THD+N	 PASSED
Frequency Response	 PASSED
Signal to Noise Ratio	 PASSED
Crosstalk, One Channel Undriven	 PASSED
Interchannel Phase	 PASSED

Input bench

Level and Gain	 PASSED
THD+N	 PASSED
Frequency Response	 PASSED
Signal to Noise Ratio	 PASSED
Crosstalk, One Channel Undriven	 PASSED
Interchannel Phase	 PASSED

Sequence Result:

Sequence Result:  PASSED

Sequence Report



Output bench : Signal Path Setup

Output Connector: ASIO
Output Sample Rate: 44,1000 kHz
Channels: 2
Input Connector: Analog Balanced
Termination: 600 Ohm
Coupling: AC
Max Input Bandwidth: 22 kHz
Device Delay: 0,000 s

Output bench : Reference Levels

dBr G: -1,789 dBFS
Shared Frequency Reference: 1,00000 kHz
dBrA: 1,000 Vrms
dBrB: 1,000 Vrms
dBrA Offset: 0,000 dB
dBrB Offset: 0,000 dB
dBSPL1: 10,00 mVrms
dBSPL2: 10,00 mVrms
dBSPL1 Calibrator Level: 94,000 dB SPL
dBSPL2 Calibrator Level: 94,000 dB SPL
dBm (Input Power): 600,0 Ohm
W(watts) (Input Power): 8,000 Ohm

Sequence Report



Output bench : Level and Gain

Waveform: Sine

Generator Level: -1,789 dBFS

Frequency: 1,00000 kHz

Level (09/07/2013 08:52:18)

Ch1 +12,318 dBu

Ch2 +12,348 dBu

Gain (09/07/2013 08:52:18)

Ch1 +11,888
dB(Vrms/FS)

Ch2 +11,919
dB(Vrms/FS)

Sequence Report



Output bench : THD+N

Waveform: Sine
Generator Level: -1,789 dBFS
Frequency: 1,00000 kHz
Low-pass Filter: 20 kHz
High-pass Filter: 20 Hz
Filter Tune Mode: Measured Frequency

THD+N Ratio (09/07/2013 08:52:20)

Ch1 0,002077 %
Ch2 0,002183 %

THD+N Level (09/07/2013 08:52:20)

Ch1 -81,334 dBu
Ch2 -80,873 dBu

THD Ratio (09/07/2013 08:52:20)

Ch1 0,001356 %
Ch2 0,001501 %

THD Level (09/07/2013 08:52:20)

Ch1 -85,038 dBu
Ch2 -84,123 dBu

Noise Ratio (09/07/2013 08:52:20)

Ch1 0,001527 %
Ch2 0,001554 %

Noise Level (09/07/2013 08:52:20)

Ch1 -84,004 dBu
Ch2 -83,823 dBu

Distortion Product Ratio (09/07/2013 08:52:20)

Channel	1,000k	2,000k	3,000k	4,000k	5,000k	6,000k	7,000k	8,000k	9,000k	10,00k
Ch1	-0,00	-103,59	-101,32	-109,22	-111,01	-112,81	-108,59	-121,09	-109,01	-126,18
Ch2	-0,00	-102,27	-99,72	-111,66	-109,63	-112,68	-109,51	-120,65	-109,47	-124,14

Distortion Product Ratio Parameters

Frequency Unit: Hz
Ratio Unit: dB

Distortion Product Level (09/07/2013 08:52:20)

Channel	1,000k	2,000k	3,000k	4,000k	5,000k	6,000k	7,000k	8,000k	9,000k	10,00k
Ch1	+12,318	-91,277	-89,005	-96,905	-98,694	-	-96,273	-	-96,693	-
						100,488		108,774		113,858
Ch2	+12,349	-89,923	-87,376	-99,310	-97,278	-	-97,165	-	-97,126	-
						100,333		108,306		111,794

Distortion Product Level Parameters

Sequence Report



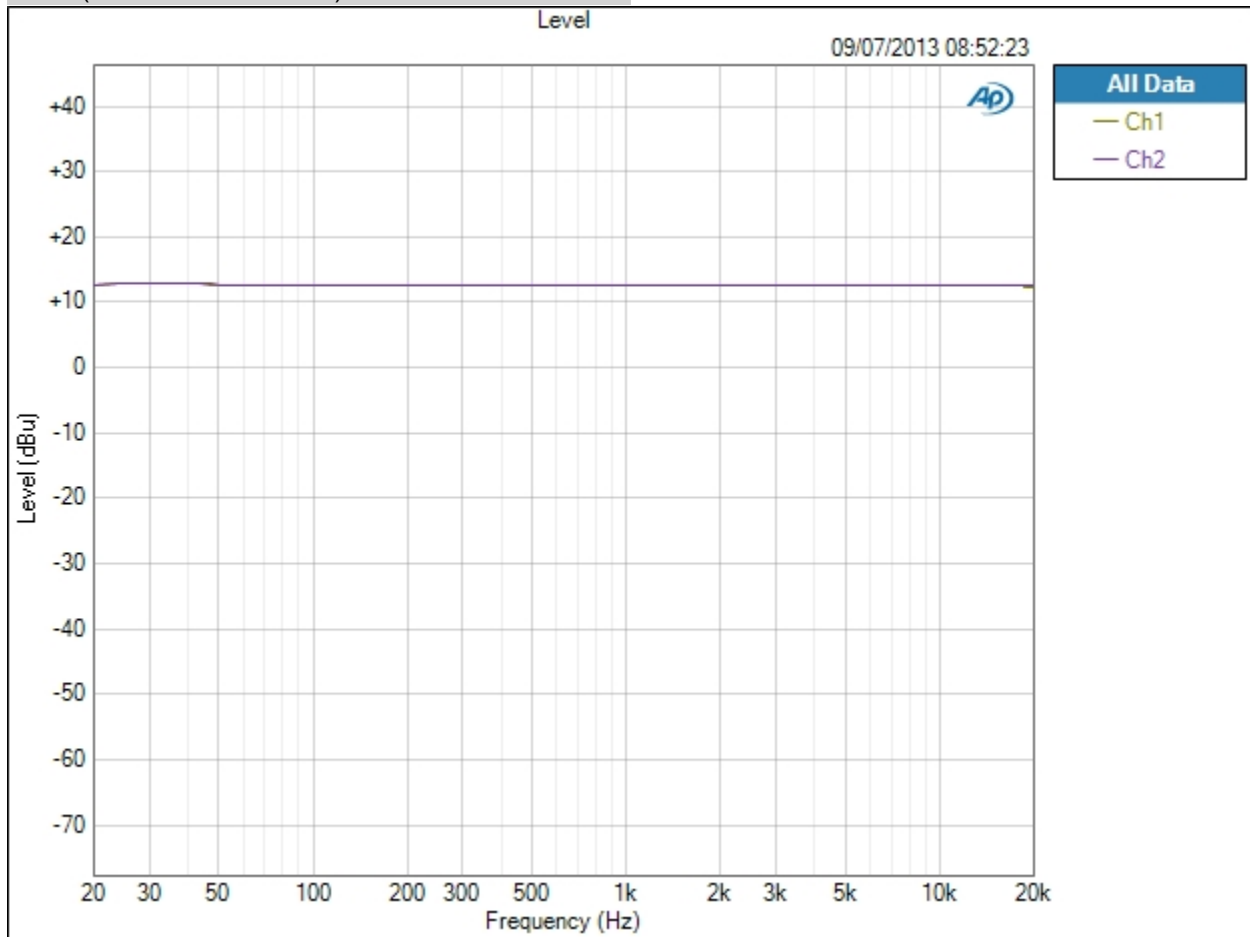
Frequency Unit: Hz
Level Unit: dBu

Sequence Report

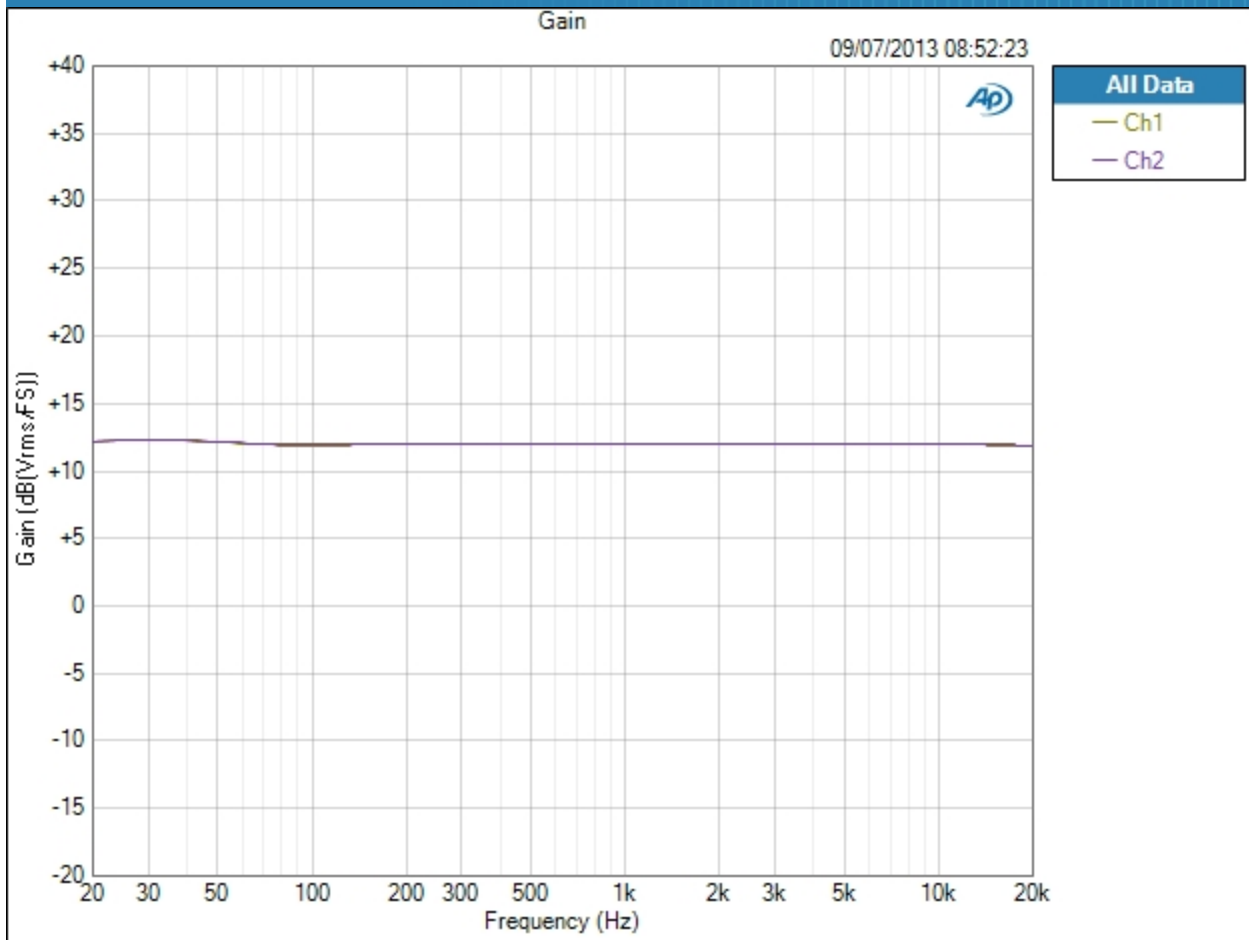


Output bench : Frequency Response
Generator Level: -1,789 dBFS
Start Frequency: 20,0000 Hz
Stop Frequency: 20,0000 kHz
Sweep: 350,0 ms
Pre-Sweep: 100,0 ms
Extend Acquisition By: 50,00 ms

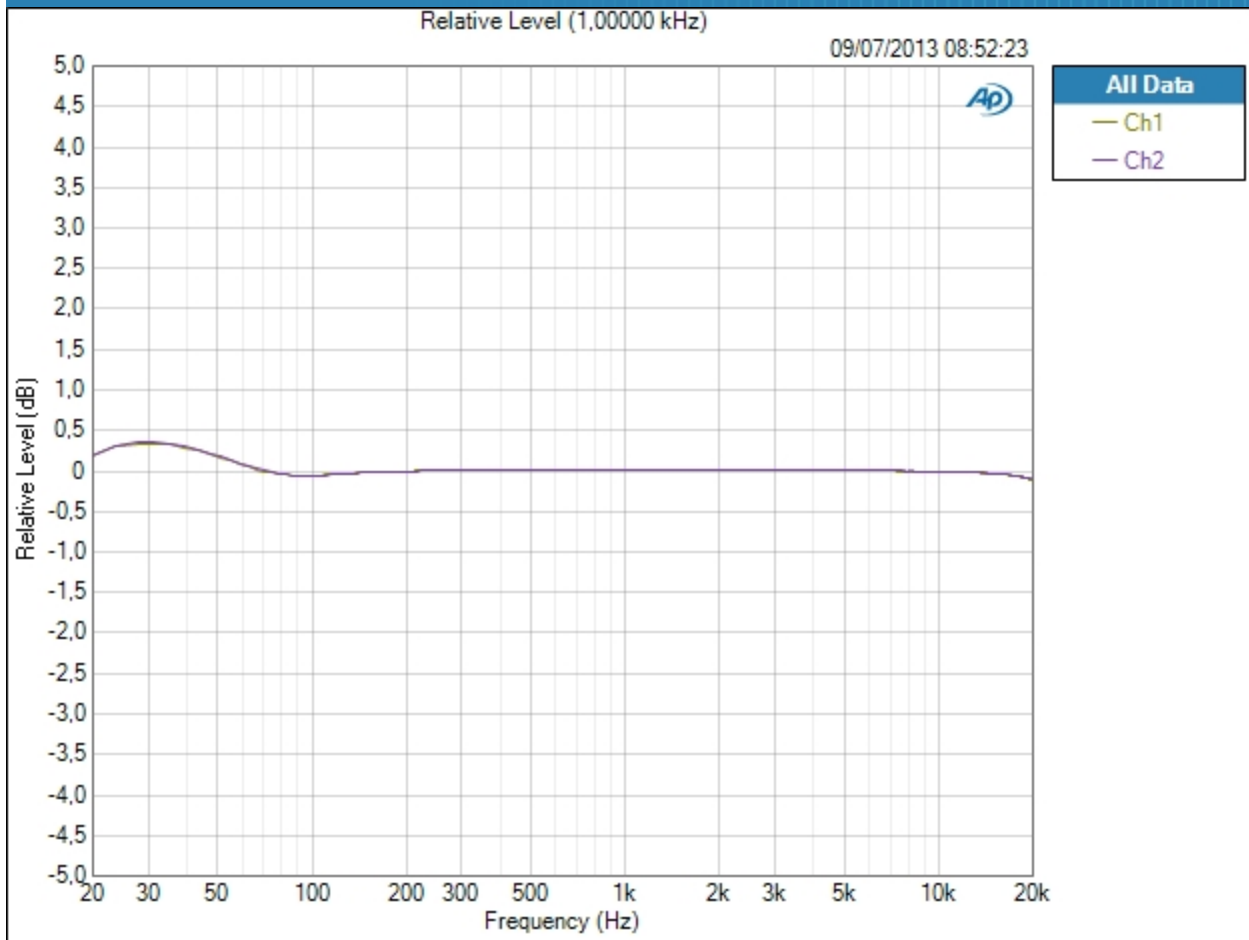
Level (09/07/2013 08:52:23)



Gain (09/07/2013 08:52:23)



Relative Level (1,00000 kHz) (09/07/2013 08:52:23)



Relative Level (1,00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1,00000 kHz

Deviation (20,0000 Hz - 20,0000 kHz) (09/07/2013 08:52:23)

Ch1 $\pm 0,233$ dB

Ch2 $\pm 0,236$ dB

Deviation (20,0000 Hz - 20,0000 kHz) Parameters

Min: 20,0000 Hz

Max: 20,0000 kHz

Sequence Report



Output bench : Signal to Noise Ratio

Waveform: Sine
Generator Level: -1,789 dBFS
Frequency: 1,00000 kHz
Low-pass Filter: 20 kHz
High-pass Filter: 20 Hz

Signal to Noise Ratio (09/07/2013 08:52:25)

Ch1 103,966 dB
Ch2 103,971 dB

Output bench : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: -1,789 dBFS
Frequency: 10,0000 kHz

Crosstalk (09/07/2013 08:52:28)

Ch1 -91,993 dB
Ch2 -92,341 dB

Output bench : Interchannel Phase

Waveform: Sine
Generator Level: -1,789 dBFS
Frequency: 1,00000 kHz
Reference Channel: Ch1
Meter Range: -90 -> 270 deg

Interchannel Phase (09/07/2013 08:52:29)

Ch1 ----deg
Ch2 -0,015 deg

Sequence Report



Input bench : Signal Path Setup

Output Connector: Analog Balanced
Channels: 2
Source Impedance: 600 Ohm
Input Connector: ASIO
Coupling: AC
Device Delay: 0,000 s

Input bench : Reference Levels

dBr G: -41,276 dBu
dBm (Output Power): 600,0 Ohm
W(watts) (Output Power): 8,000 Ohm
Shared Frequency Reference: 1,00000 kHz
dBrA: 0,000 dBFS
dBrB: 0,000 dBFS
dBrA Offset: 0,000 dB
dBrB Offset: 0,000 dB
dBSPL1: -0,225 dBFS
dBSPL2: -0,041 dBFS
dBSPL1 Calibrator Level: 94,000 dB SPL
dBSPL2 Calibrator Level: 94,000 dB SPL

Sequence Report



Input bench : Level and Gain

Waveform: Sine
Generator Level: -41,276 dBu
Frequency: 1,00000 kHz

Level (09/07/2013 08:52:42)

Ch1 -0,509 dBFS
Ch2 -0,325 dBFS

Gain (09/07/2013 08:52:42)

Ch1 +42,985
dB(FS/Vrms)
Ch2 +43,170
dB(FS/Vrms)

Sequence Report



Input bench : THD+N

Waveform: Sine
Generator Level: -41,276 dBu
Frequency: 1,00000 kHz
Low-pass Filter: 20 kHz
High-pass Filter: 20 Hz
Filter Tune Mode: Measured Frequency

THD+N Ratio (09/07/2013 08:52:46)

Ch1 0,013525 %
Ch2 0,013233 %

THD+N Level (09/07/2013 08:52:46)

Ch1 -77,886 dBFS
Ch2 -77,891 dBFS

THD Ratio (09/07/2013 08:52:46)

Ch1 0,002242 %
Ch2 0,002572 %

THD Level (09/07/2013 08:52:46)

Ch1 -93,496 dBFS
Ch2 -92,119 dBFS

Noise Ratio (09/07/2013 08:52:46)

Ch1 0,013306 %
Ch2 0,013014 %

Noise Level (09/07/2013 08:52:46)

Ch1 -78,027 dBFS
Ch2 -78,035 dBFS

Distortion Product Ratio (09/07/2013 08:52:46)

Channel	1,000k	2,000k	3,000k	4,000k	5,000k	6,000k	7,000k	8,000k	9,000k	10,00k
Ch1	-0,00	-109,03	-101,00	-107,65	-106,61	-109,63	-105,52	-106,06	-108,46	-106,54
Ch2	-0,00	-104,44	-101,35	-114,71	-106,64	-105,68	-107,73	-104,07	-105,86	-108,34

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

Distortion Product Level (09/07/2013 08:52:46)

Channel	1,000k	2,000k	3,000k	4,000k	5,000k	6,000k	7,000k	8,000k	9,000k	10,00k
Ch1	-0,508	-	-	-	-	-	-	-	-	-
		109,540	101,513	108,155	107,118	110,138	106,031	106,569	108,973	107,043
Ch2	-0,323	-	-	-	-	-	-	-	-	-
		104,761	101,677	115,030	106,960	106,005	108,049	104,392	106,181	108,667

Distortion Product Level Parameters

Sequence Report



Frequency Unit: Hz
Level Unit: dBFS

Sequence Report



Input bench : Frequency Response

Generator Level: -41,276 dBu

Start Frequency: 20,0000 Hz

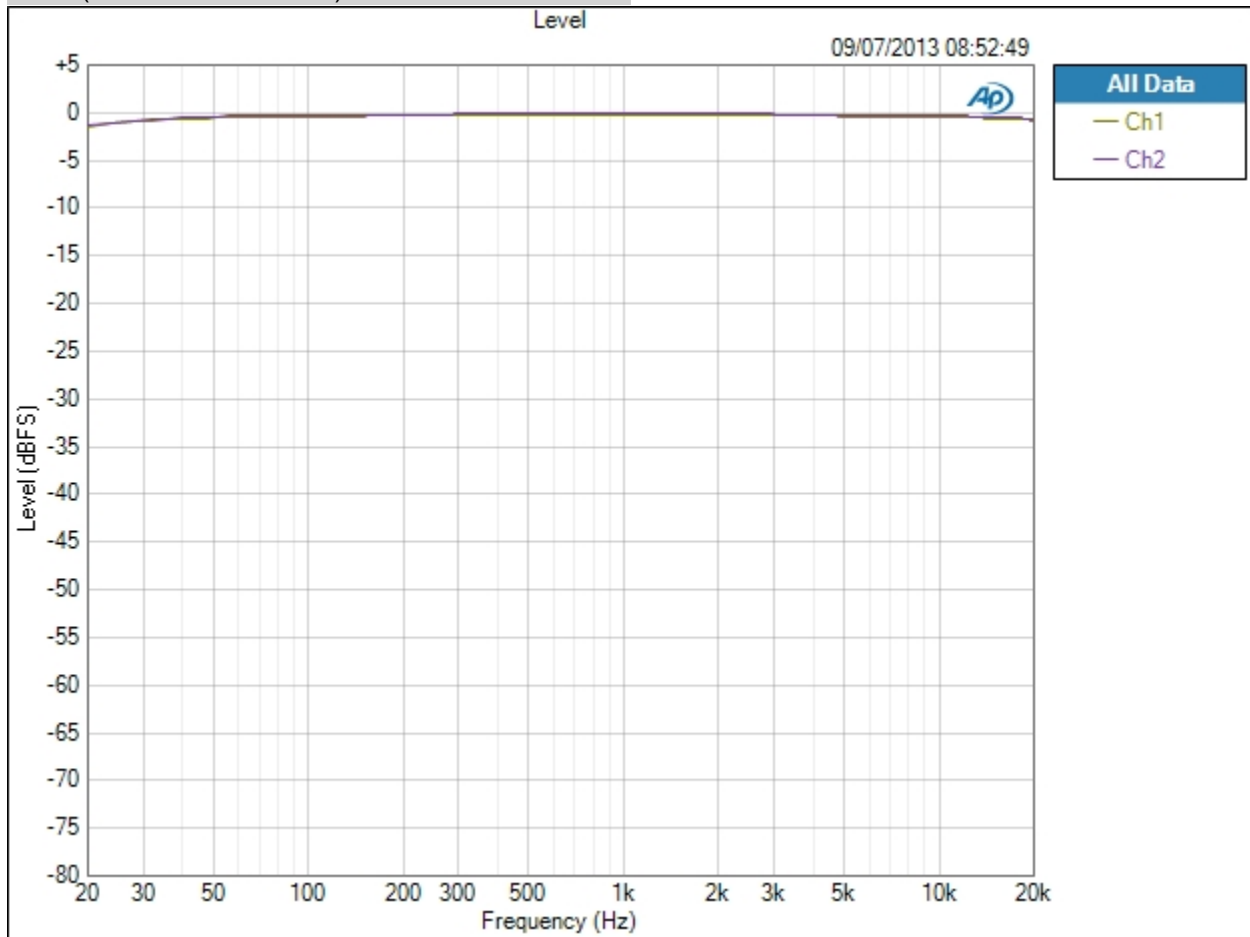
Stop Frequency: 20,0000 kHz

Sweep: 350,0 ms

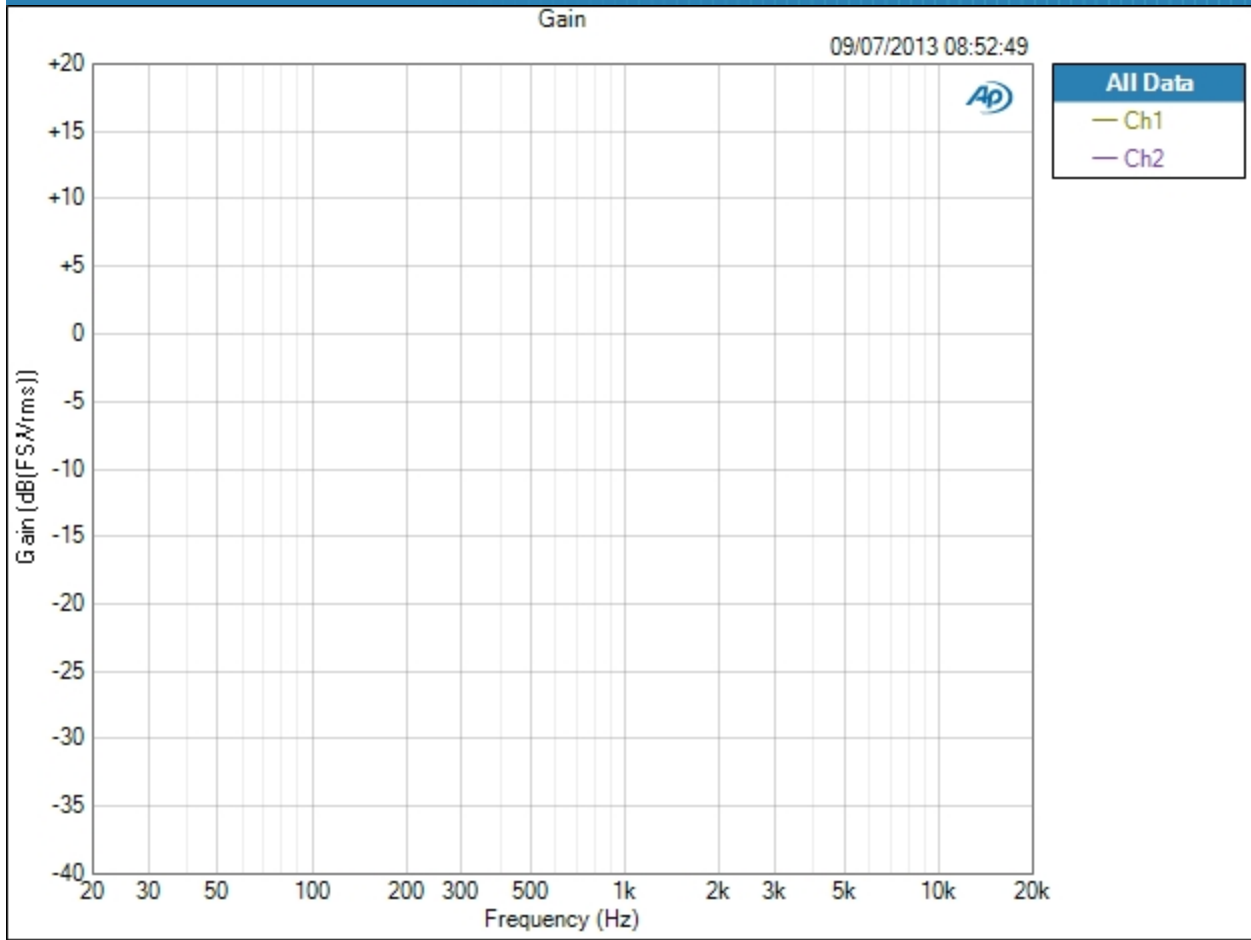
Pre-Sweep: 100,0 ms

Extend Acquisition By: 50,00 ms

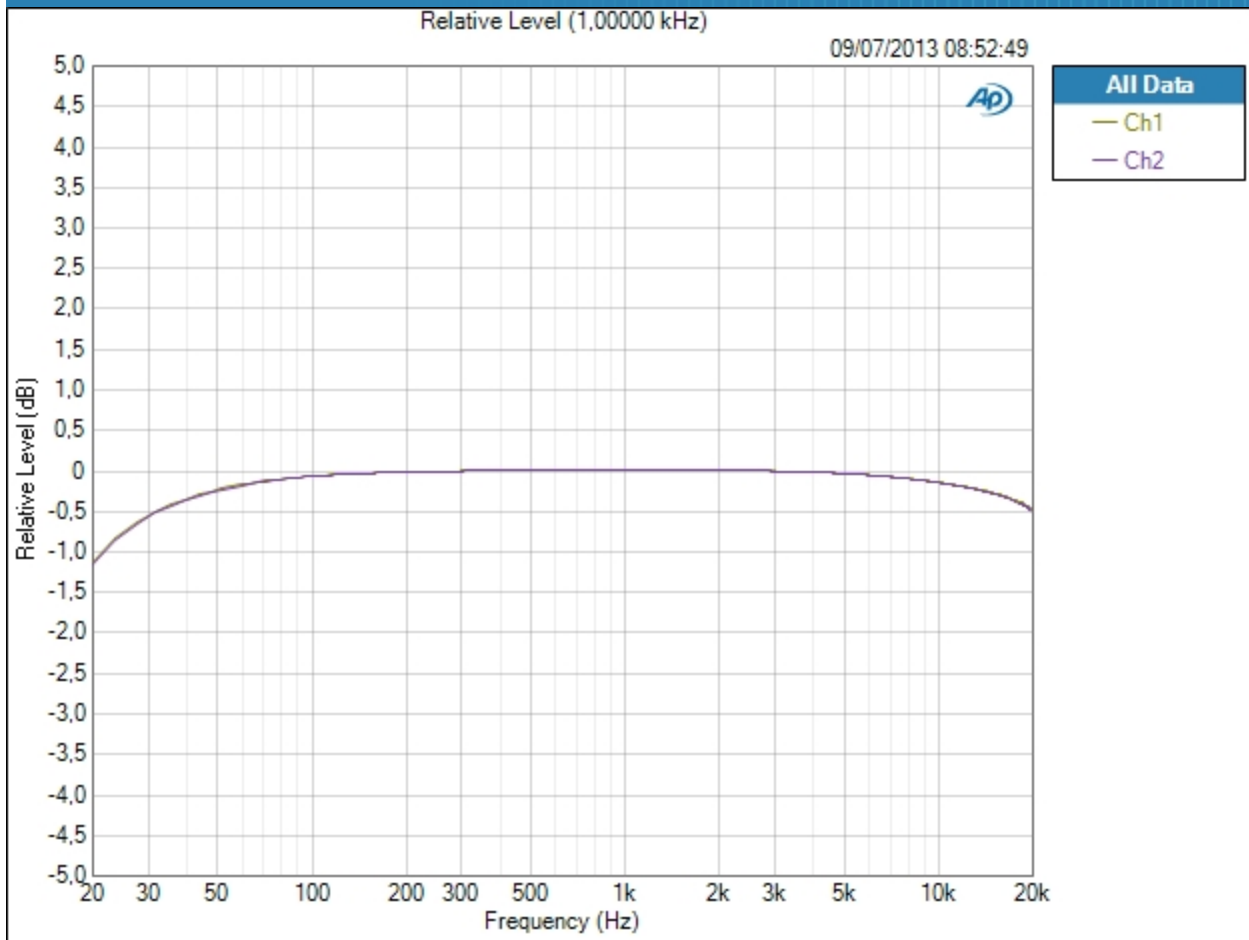
Level (09/07/2013 08:52:49)



Gain (09/07/2013 08:52:49)



Relative Level (1,00000 kHz) (09/07/2013 08:52:49)



Relative Level (1,00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1,00000 kHz

Deviation (20,0000 Hz - 20,0000 kHz) (09/07/2013 08:52:49)

Ch1 ±0,562 dB

Ch2 ±0,574 dB

Deviation (20,0000 Hz - 20,0000 kHz) Parameters

Min: 20,0000 Hz

Max: 20,0000 kHz

Sequence Report



Input bench : Signal to Noise Ratio

Waveform: Sine
Generator Level: -41,276 dBu
Frequency: 1,00000 kHz
Low-pass Filter: 20 kHz
High-pass Filter: 20 Hz

Signal to Noise Ratio (09/07/2013 08:52:53)

Ch1 78,706 dB
Ch2 78,773 dB

Input bench : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: -41,276 dBu
Frequency: 10,0000 kHz

Crosstalk (09/07/2013 08:52:59)

Ch1 -85,170 dB
Ch2 -85,232 dB

Input bench : Interchannel Phase

Waveform: Sine
Generator Level: -41,276 dBu
Frequency: 1,00000 kHz
Reference Channel: Ch1
Meter Range: -90 -> 270 deg

Interchannel Phase (09/07/2013 08:53:02)

Ch1 ----deg
Ch2 -0,046 deg