

FILE UNDER REVIEW

Detective_Test_File.wav

 **FAIL**

Spec: Netflix Near-Field 2.0 - Original Language v1.6

FILE	
DURATION	00:09:20
SAMPLE RATE	44.1 kHz
BIT DEPTH	16 bit
CHANNELS	2 (Stereo)
FORMAT	WAV

SPEC	
NAME	Netflix Near-Field 2.0 - Original Language
VERSION	1.6
DATE	2024-10-29
SOURCE	https://partnerhelp.netflixstudios.com/hc/en-us/articles/360001794307

INTEGRATED

-25.2

● LUFS

SHORT-TERM MAX

-20.3

● LUFS

TRUE PEAK




-5.6

● dBTP

LRA

7.4

● LU

 **9** Passed  **0** Warnings  **3** Failed

Detailed Check Results

12 Checks · Netflix Near-Field 2.0 – Original Language v1.6

LOUDNESS (3)

• Integrated Loudness	-24.7 LUFS	-27.0 ±2.0 LUFS	+2.3 LU
Dialog-gated (65.3% Speech, 201 Segmente), Standard: ITU-R BS.1770-1 (dialog-gated)			
• Loudness Range	7.4 LU	≥ 4.0 LU and ≤ 18.0 LU	-
• Dialog LRA	7.4 LU	≤ 10.0 LU	-

PEAKS (1)

• True Peak	-5.6 dBTP	≤ -2.0 dBTP	-3.6 dB
-------------	-----------	-------------	---------

FORMAT & TECHNICAL (5)

• Sample Rate	44.1 kHz	one of [48 kHz]	-
• Bit Depth	16 bit	≥ 24 bit	-
• Container Format	WAV	one of [WAV, BWA, RF64]	-
• Encoding	PCM	one of [PCM]	-
• Channels	2 ch	2 ch (stereo)	-

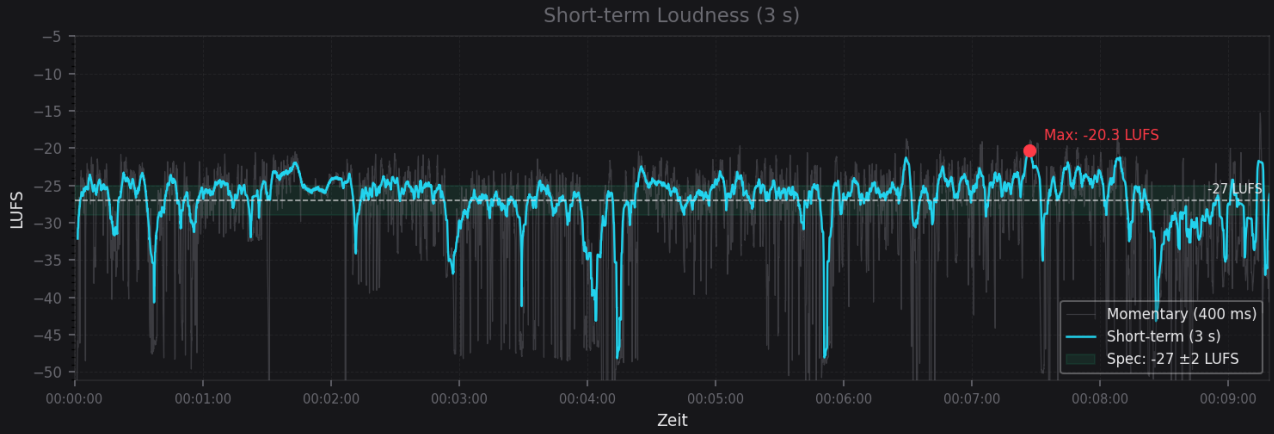
AUDIO HYGIENE (3)

• DC Offset	-105.9 dBFS	≤ -60.0 dBFS	-
• Clipped Samples	0 samples	≤ 0 samples	-
• NaN / Inf	0 samples	= 0	-

Loudness & True Peak Timeline

Detective_Test_File.wav

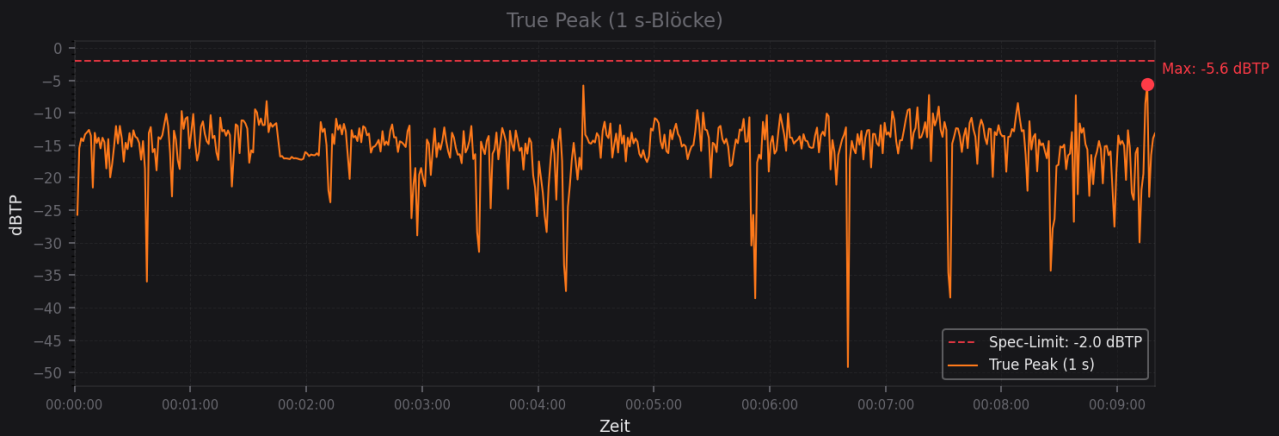
SHORT-TERM LOUDNESS (3 S)



Short-term loudness (3 s window) over the file duration. Green band: Spec target range -27.0 ± 2.0 LUFS. Red dot: Maximum (-20.3 LUFS @ 00:07:27.1).

INTEGRATED	MAX SHORT-TERM	MAX MOMENTARY	LRA
-25.2 LUFS	-20.3 LUFS	-15.3 LUFS	7.4 LU

TRUE PEAK (1 S BLOCKS)



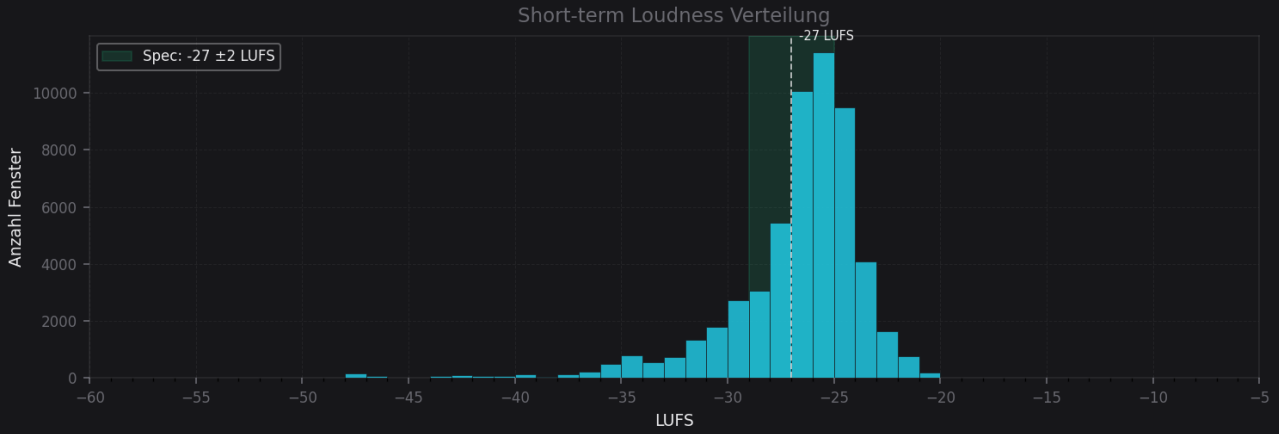
True peak per 1 s block (ITU-R BS.1770-4 Annex 2, 4x oversampling). Red zone: level above spec limit. Red dot: global maximum.

TRUE PEAK	SAMPLE PEAK	PEAK POSITION
-5.6 dBTP	-5.7 dBFS	00:09:15.2 (R)

Loudness Distribution

Detective_Test_File.wav

SHORT-TERM LOUDNESS HISTOGRAM



Distribution of short-term loudness (3 s window, 1 LU bins). Dashed line: Spec target -27.0 LUFS. Green band: Tolerance range ±2.0 LU.

INTEGRATED
-25.2 LUFS

SPEC TARGET
-27.0 LUFS

LRA
7.4 LU

METHODOLOGY

Loudness measured per ITU-R BS.1770-4 (K-weighted power, gate -70 LUFS absolute, -10 LU relative). Short-term: 3 s window, 1 s hop. Momentary: 400 ms window, 100 ms hop. True Peak: 4x oversampling via soxr VHQ (ITU-R BS.1770-4, Annex 2). LRA per EBU Tech 3342 (10th/95th percentile of short-term distribution).

VALIDATION

All measurements validated against EBU PLOUD reference signals (EBU Tech 3341, EBU Tech 3342). Tolerances: Integrated ±0.1 LU, LRA ±0.2 LU, True Peak ±0.1 dB. Results are reproducible and order-independent.