

CALM Act Compliance — Channel Originator Series

Full Compliance Testing Report

Tier 3 — Channel + SSAI Ad Delivery Testing | For Content Partners Managing Own Ad Insertion

Important — Check SSAI Applicability Before Proceeding

This Tier 3 report covers SSAI ad delivery testing in addition to playout channel testing. It is only applicable if the content partner controls their own server-side ad insertion via Amagi Thunderstorm. If your FAST platform handles ad insertion (Samsung TV Plus, LG Channels, Pluto TV, Tubi, etc.), ad loudness is the platform's responsibility — use the Tier 2 Platform Acceptance Testing Report instead.

Report Ref No.	AMG-CALM-T3-XXXX	Report Date	[DATE]
Prepared By	Amagi CX Team	Standard	ATSC A/85 / CALM Act / SB 576

1. Content Partner Information

Content Partner / Organisation Name	
Primary Contact Name & Email	
Amagi Engagement Manager	
FAST Platform(s) / Distributor(s)	Platforms this report will be submitted to
California SB 576 Applicable?	Yes / No — does service reach California consumers?
SSAI Managed By	Confirm: Content Partner (via Thunderstorm) — not platform-managed

2. Channel & Delivery Details

Channel Name	
Delivery Type	FAST / Broadcast / OTT / Streaming
Amagi Products Used	Amagi CLOUDPORT / Amagi Now + Amagi Thunderstorm
Playout Loudness Target	e.g. -24 LKFS (ATSC A/85)
Thunderstorm SSAI Target	e.g. -24 LUFS / -2 dBTP / 7 LU LRA
Test Period	Start – End date

Monitoring Duration

Playout: __ hrs | SSAI: __ ad insertions tested

3A. Playout Channel Loudness Measurements

ATSC A/85 integrated loudness. Target: -24 LKFS. Commercial must not exceed programme.

Channel / Asset Name	Measured LKFS	Target LKFS	Delta (LU)	Result
[Programme / Ad 1]	__ LKFS	-24 LKFS	__ LU	PASS
[Programme / Ad 2]	__ LKFS	-24 LKFS	__ LU	PASS
[Programme / Ad 3]	__ LKFS	-24 LKFS	__ LU	PASS
[Programme / Ad 4]	__ LKFS	-24 LKFS	__ LU	PASS
[Programme / Ad 5]	__ LKFS	-24 LKFS	__ LU	PASS
[Programme / Ad 6]	__ LKFS	-24 LKFS	__ LU	PASS
Summary				
Programme avg. loudness				__ LKFS
Commercial avg. loudness				__ LKFS
Max true peak				__ dBTP

3B. SSAI Ad Delivery Testing — Amagi Thunderstorm

Thunderstorm normalises all ads to -24 LUFS / -2 dBTP / 7 LU LRA at transcode. Measure normalised output at point of stitching.

Ad Asset / Campaign	Pre-norm LUFS	Post-norm LUFS	True Peak (dBTP)	LRA (LU)	Result
[Ad Asset 1]	__ LUFS	-24 LUFS	__ dBTP	__ LU	PASS
[Ad Asset 2]	__ LUFS	-24 LUFS	__ dBTP	__ LU	PASS
[Ad Asset 3]	__ LUFS	-24 LUFS	__ dBTP	__ LU	PASS
[Ad Asset 4]	__ LUFS	-24 LUFS	__ dBTP	__ LU	PASS
[Ad Asset 5]	__ LUFS	-24 LUFS	__ dBTP	__ LU	PASS
[Ad Asset 6]	__ LUFS	-24 LUFS	__ dBTP	__ LU	PASS
[Ad Asset 7]	__ LUFS	-24 LUFS	__ dBTP	__ LU	PASS

Thunderstorm Version	
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Ad-to-Content Level Difference (Avg.)	Should be ≤ 1 LU
Splice Point Artefacts?	Yes / No — describe if yes
SSAI Overall Result	PASS / FAIL

4. End-to-End Compliance Readiness

Area	Result	Notes
Playout channel loudness (CALM Act / ATSC A/85)	PASS / FAIL	[Notes]
SSAI ad normalisation (Thunderstorm)	PASS / FAIL	[Notes]
Ad-to-content transition	PASS / FAIL	[Notes]
California SB 576 readiness (if applicable)	READY / N/A	[Notes]
Overall Platform Submission Result	PASS / FAIL	

5. Findings & Remediation

[Describe findings for both playout and SSAI layers. Include asset IDs, root cause, and remediation taken or recommended. Write N/A if all PASS.]

6. Sign-off

Amagi Test Engineer			
Amagi Engagement Manager			
Content Partner Representative			

Disclaimer: This Tier 3 report covers loudness testing at both the playout and SSAI layers for content partners managing their own ad insertion via Amagi Thunderstorm. It is not an FCC certification or warranty of compliance. Final compliance is the sole responsibility of the content partner. Contact: cxenquiries@amagi.com