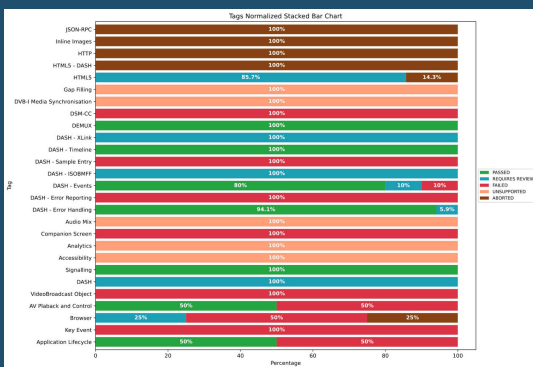**Ocean Blue Software**

Axia HbbTV Test Harness

About Axia

Built to support TV manufacturers TV operators and broadcasters, Axia offers a complete suite of tools and services tailored for rigorous HbbTV compliance, from integration through testing to deployment and maintenance.

Axia supports the developer community through the creation and editing of custom test cases. It empowers QA through automation, platform support and report analytics.

Tags Normalized Stacked Bar Chart

OBS is an approved HbbTV Test Centre. We can perform tests and support your certification needs.

HIGH LEVEL OF AUTOMATION
Out of the 3273 HbbTV tests suite cases:
Fully Automated: 1918 - 59%
Semi Automated: 1048 - 32%
Manual: 307 - 9%

ADVANCED ANALYTICS
Enhanced analytics to help reduce debug times

FLEXIBLE TESTING SOLUTIONS FOR DEVELOPERS
Choose from three Axia versions to match your needs: a free option for test case validation, an automation tool for QA and certification, and a headless solution for seamless CI/CD integration.

CI/CD READY
Integrate into your project delivery cycle

Save time, save money!

info@oceanbluesoftware.co.uk

axia

HbbTV Test Harness
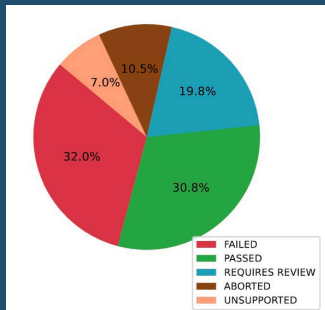
Axia - Free version
Designed for writing and validating test cases and debugging HbbTV browser integrations. Support execution of individual test cases.

Axia - Test Automation & Certification
Designed for writing developers, QA and Project Managers' clarity, it enables batch execution of multiple test cases.

Axia Headless Test Automation
Speed up your HbbTV product development by applying 'shift-left' testing principles with Axia Lib integrated into your CI/CD pipeline. Leverage parallel instances for fast validation and consolidate results in your preferred test management system.

Verdict	Count	Percentage
Total	172	100%
FAILED	55	32.0%
PASSED	53	30.8%
REQUIRES REVIEW	34	19.8%
ABORTED	18	10.5%
UNSUPPORTED	12	7.0%

FEATURES	FREE VERSION	TEST AUTOMATION & CERTIFICATION	HEADLESS TEST AUTOMATION
CUSTOM TEST CASE DEVELOPMENT	✓	✓	✓
DVB-T/T2/S/S2/C MODULATION SUPPORT	✓	✓	✓
NETWORK SHAPING	✓	✓	✓
FLEXIBLE PLATFORM INTERFACE FOR AUTOMATING TEST CYCLES WITH IR BLASTER CONTROL (BUILT IN JAVASCRIPT API ENGINE & COMMUNICATIONS INTERFACE)	✓	✓	✓
AUTOMATED POWER CYCLE CONTROL	✓	✓	✓
IMAGE AND VIDEO CAPTURE OFF-LINE REVIEW	✓	✓	✓
AV SYNC ANALYSIS WITH HARDWARE CAPTURE UNIT	✓	✓	✓
ADB & CUSTOM CONTROL SCRIPTS	✓	✓	✓
TESTING HBBTV TARGETED ADVERTISING (TS 103 736-1/-2), INCL. BROADCAST-TO-BROADBAND VIDEO SWITCHING	✓	✓	✓
AUTONOMOUS BATCH TESTING		✓	✓
CI/CD INTEGRATION API			✓
3RD PARTY TEST MANAGEMENT DB INTEGRATION			✓