

DRUK Product Tick Mark: Guidance on use of core technology

The Digital Radio UK Tick Mark scheme has its technical basis in ETSI TS 103 461.

During 2021, manufacturers have been able to request certification against either TS 103 461v1.1.1 or TS 103 461v1.2.2, but from 1st January 2022, all requests for core technology certification must be to TS 103 461v1.2.2 and from 1st April 2022, all requests for product certification must be to TS 103 461v1.2.2. This note is designed to provide guidance to manufacturers and test facilities about how product testing will be done from 1st April 2022.

Products built on core technology tested to TS 103 461v1.2.2

If the core technology is certified for all tests, then only the product tests in TS 103 461v1.2.2 need to be performed for testing compliance.

If any tests are not included in the certification of the core technology, then those core technology tests from TS 103 461v1.2.2 must be performed and passed in addition to the product tests in TS 103 461v1.2.2 for testing compliance.

Products built on core technology tested to TS 103 461v1.1.1

All DRUK certifications remain valid. However, core technology certified for TS 103 461v1.1.1 has not been tested for alarm announcement capability, for FIG 2 label capability and for service following including the ECC capability.

From 1st April 2022, all products must be tested against TS 103 461v1.2.2:

- all products must also be tested for alarm announcement capability;
- automotive products must also be tested for service following with the ECC;
- automotive products subject to the EECC must also be tested for FIG 2 labels (this is checked by product test 7).

If the core technology is certified for all TS 103 461v1.1.1 tests, then the product certification process requires that core technology tests 10.1.1 to 10.1.5 from TS 103 461v1.2.2 are performed and passed in addition to the product tests in TS 103 461v1.2.2 for testing compliance, and for automotive products, core technology tests 9.1.4, 9.1.5 and 9.2.5 from TS 103 461v1.2.2 must also be performed and passed.

If any tests are not included in the certification of the core technology, then the corresponding core technology tests from TS 103 461v1.2.2 must be performed and passed in addition to the product tests in TS 103 461v1.2.2 for testing compliance.

Review

This guidance is intended to assist manufacturers and test facilities in performing the right set of testing for product testing after 1st April 2022. If you are unsure about any aspect of the Tick Mark scheme, please contact DRUK for more specific help.