



EMC TEST REPORT

For RIVERDI STM32 EMBEDDED 7.0” SERIES

Rev. 1.0
2026-02-06

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The EMC test report applies to below STM32 Embedded 7" series:

Product Name	Description
RVT70HSSNWN00	IPS, 7.0", 1024x600, 1000cd/m ² , STM32, no touch panel
RVT70HSSFWN00	IPS, 7.0", 1024x600, 1000cd/m ² , STM32, no touch panel, metal frame
RVT70HSSNWC00	IPS, 7.0", 1024x600, 800cd/m ² , STM32, uxTouch, air bonding
RVT70HSSNWC00-B	IPS, 7.0", 1024x600, 850cd/m ² , STM32, uxTouch, optical bonding
RVT70HSSNWCA0	IPS, 7.0", 1024x600, 800cd/m ² , STM32, aTouch, air bonding
RVT70HSSFWCA0	IPS, 7.0", 1024x600, 800cd/m ² , STM32, aTouch, air bonding, metal frame

1. REVISION RECORD

REV NO.	REV DATE	CONTENTS	REMARKS
1.0	2026-02-06	Initial Release	

2. CONTENTS

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3. SUMMARY OF TEST RESULT

TEST ITEM	CONDITIONS	Result	Criterion
RADIATED EMISSION	EN 55032 (CISPR32) Radiated emission 30-1000 MHZ	Pass	Class B
CONDUCTED EMISSION	EN 55032 (CISPR32) Conducted emission 150KHz-30MHz	Pass	Class B

Date of test: 2026/02/05

Certificated EMC Lab: RADMOR S.A., Gdynia.

Scope of accreditation for the testing lab: **No AB 1132**

More info about the lab from the below link:

<https://www.radmor.com.pl/services/lab>



AB 1132

4. GENERAL INFORMATION

4.1 Description of DUT

TEST ITEM	DESCRIPTION
PRODUCT NAME	RVT70HSSNWCA0
TEST VOLTAGE	Battery 12V

Note. All test was performed on RVT70HSSNWCA0. But results applied for every module within this line as described in the beginning of this report.

4.2 Description of DUT peripheral

Configuration of the DUT:

The module was pre-programmed with TouchGFX Smart Home demo with full brightness.

Power supply: 12V battery

System Clock: 480MHz

HSE Clock: from the external oscillator: 16MHz

4.3 Measuring device

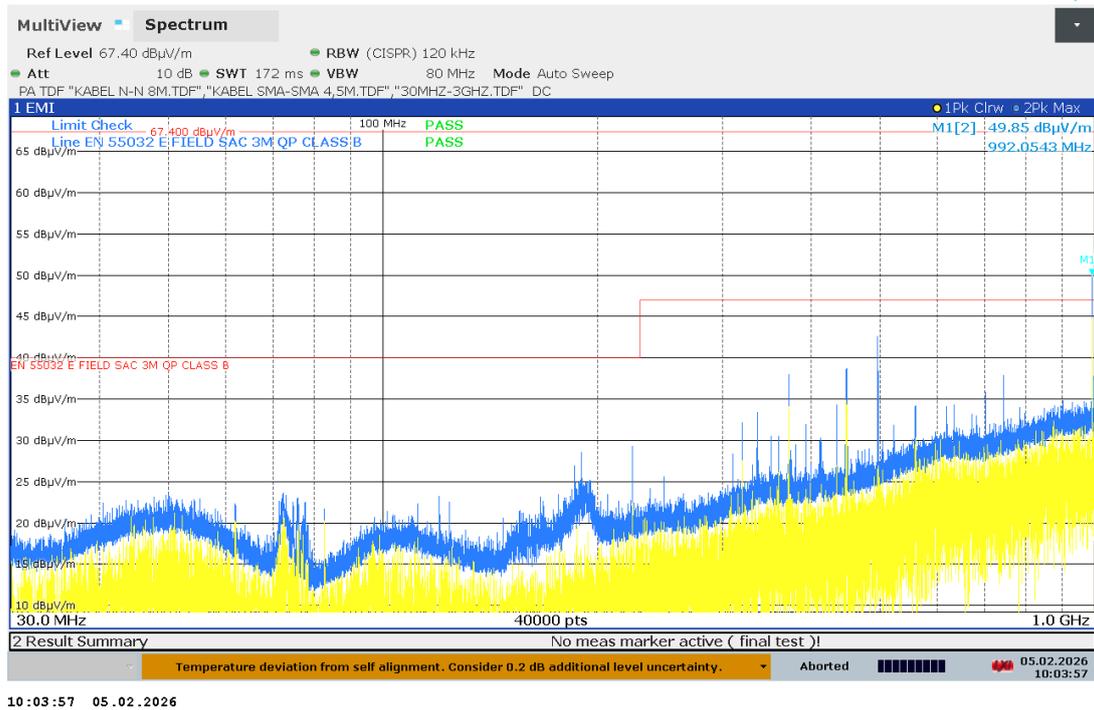
EQUIPMENT	MODEL
EMI TEST RECEIVER	Spectrum Analyser FSW43 Rohde&Schwarz

5. TEST RESULTS

5.1 Radiated emission test results

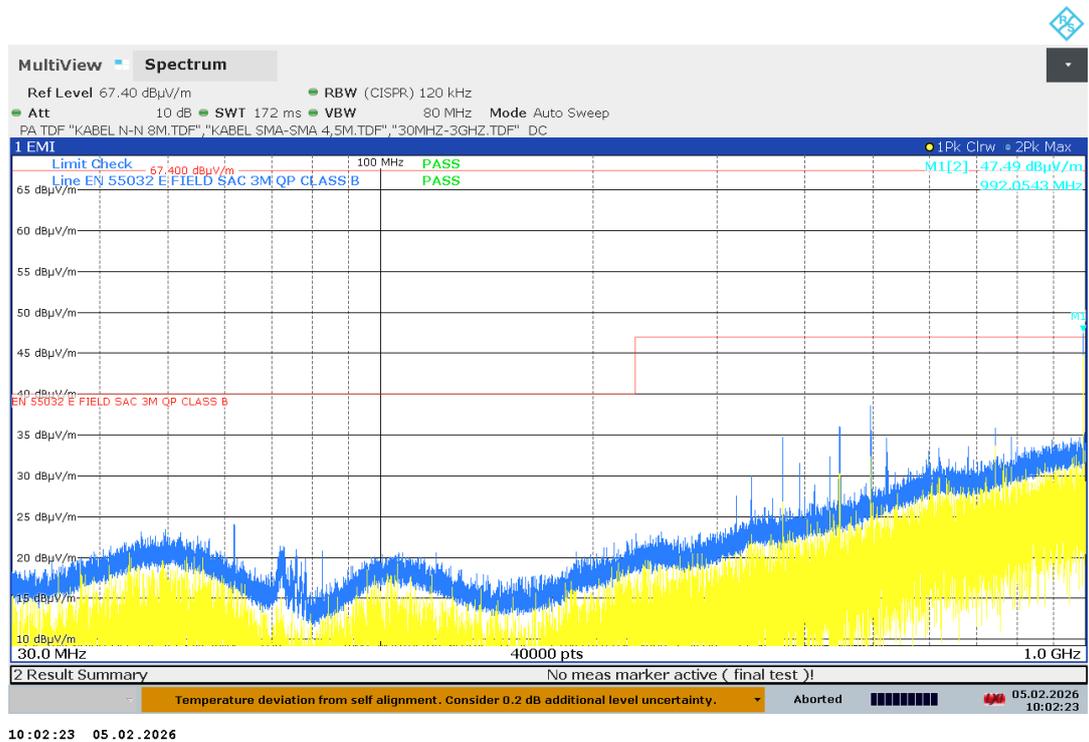
Horizontal 360°

The antenna is configured for horizontal polarization and the measurements were done by rotating the EUT on a turntable 0 to 360 degrees to find the maximum field-strength readings from an EUT directional standpoint.

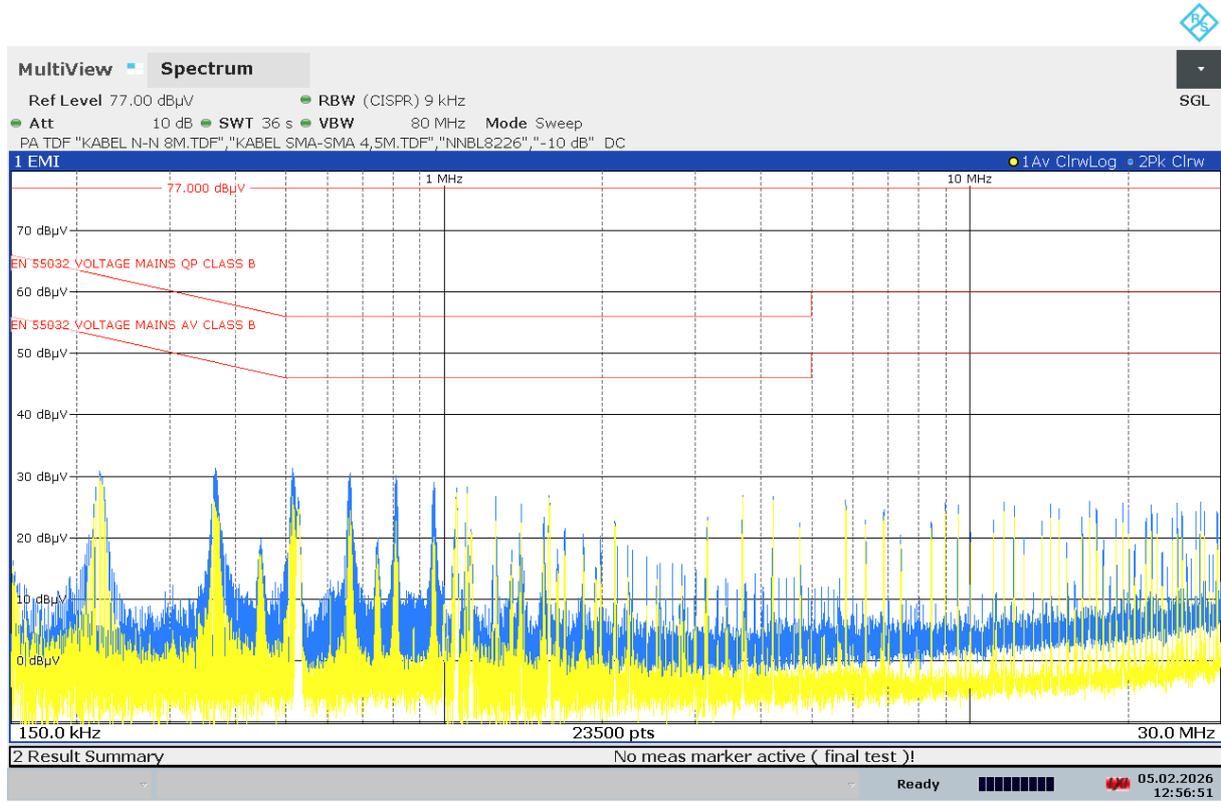


Vertical 360°

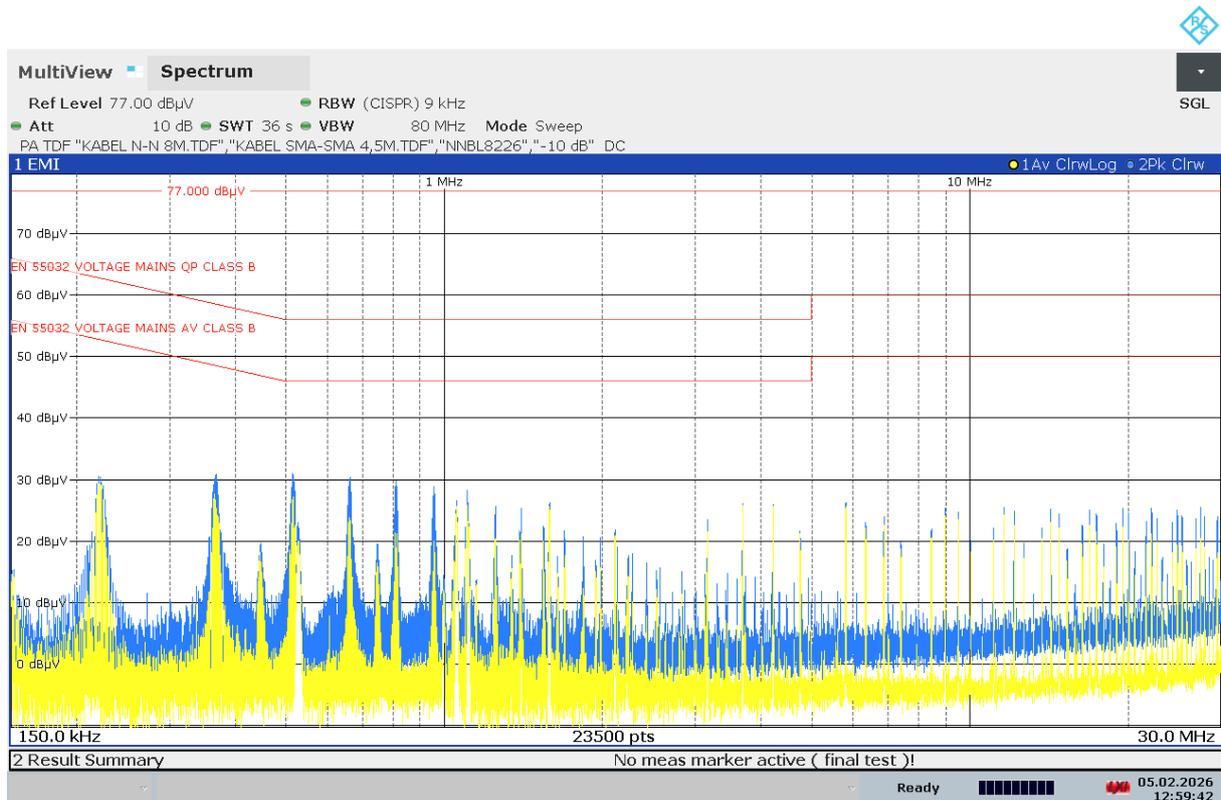
The antenna is configured for vertical polarization and the measurements were done by rotating the EUT on a turntable 0 to 360 degrees to find the maximum field-strength readings from an EUT directional standpoint.



5.2 Conducted Emission test results



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