

Report on the FCC and IC Testing of the Bormann EDV+Zubehör GmbH

Model: Bormann BMKD Flex Mouse
In accordance with FCC 47 CFR Part 15 C
and ISED RSS-210 and ISED RSS-GEN

Prepared for: Bormann EDV+Zubehör GmbH
Lohwaldstrasse 53
86356 Neusaess
Germany

FCC ID: 2BBHS-BMKD
IC: 30681-BMKD



Product Service

Add value.
Inspire trust.

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Date: 2023-10-20

Document Number: TR-713300455-04 | Revision 1

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Project Management	Martin Steindl	2023-11-21	 SIGN-ID 855210
Authorised Signatory	Matthias Stumpe	2023-11-22	 SIGN-ID 85521

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Product Service document control rules.

Engineering Statement:

This measurement shown in this report were made in accordance with the procedures described on test pages.

All reported testing was carried out on a sample equipment to demonstrate limited compliance with with FCC 47 CFR Part 15 C and ISED RSS-210 and RSS-GEN.

The sample tested was found to comply with the requirements defined in the applied rules.

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Testing	Martin Steindl	2023-11-21	 SIGN-ID 855211

Laboratory Accreditation

DAkS Reg. No. D-PL-11321-11-02

DAkS Reg. No. D-PL-11321-11-03

Laboratory recognition

Registration No. BNetzA-CAB-16/21-15

Industry Canada test site registration

3050A-2

Executive Statement:

A sample of this product was tested and found to be compliant with FCC 47 CFR Part 15 C:2021 and ISED RSS-210:2019 + AMD:2020 and RSS-GEN:2019

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Information pursuant to Section 2(1)
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www.tuvsud.com/imprint

Managing Directors:
Walter Reitmaier (Sprecher / CEO)
Patrick van Welij

Phone: +49 (0) 9421 56 82-0
Fax: +49 (0) 9421 56 82-199
www.tuvsud.com

TÜV SÜD Product Service GmbH
Äußere Frühlingsstraße 45
94315 Straubing
Germany



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1 Report Summary

1.1 Modification Report

Alternations and additions of this report will be issued to the holders of each copy in the form of a complete document.

Revision	Description of changes	Date of Issue
0	First Issue	2023-10-23
1	Correction to §15.249 and RSS-210 on title page and page 3	2023-11-21

Table 1: Report of Modifications

1.2 Introduction

Applicant	Bormann EDV + Zubehör GmbH Lohwaldstrasse 53 86356 Neusaess Germany
Manufacturer	Bormann EDV + Zubehör GmbH
Model Number(s)	Bormann BMKD Flex Mouse
Serial Number(s)	N/A
Hardware Version(s)	---
Software Version(s)	---
Number of Samples Tested	2
Test Specification(s) / Issue / Date	FCC 47 CFR Part 15 C : 2019 ISED RSS-210, Issue 10 : 2019 ISED RSS-GEN, Issue 5, Amendment 1 : 2019
Test Plan/Issue/Date	---
Order Number	42004281
Date	2023-05-05
Date of Receipt of EUT	2023-06-12 , 2023-08-23
Start of Test	2023-06-13
Finish of Test	2023-08-24
Name of Engineer(s)	M. Steindl
Related Document(s)	ANSI C63.4: 2014 ANSI C63.10: 2013 FCC 47 CFR Part 2 J : 2019



1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with FCC 47 CFR Parts 2 and 15 C is shown below.

<i>Section</i>	<i>Specification Clause</i>	<i>Test Description</i>	<i>Result</i>
2.1	2.202(a)	Emission Bandwidth	Pass
2.2	15.205(b), 15.215, 15.249	Radiated Emissions	Pass

Table 2: Results according to FCC 47 CFR Part 15 C

A brief summary of the tests carried out in accordance with ISED RSS-210 and ISED RSS-GEN is shown below.

<i>Section</i>	<i>Specification Clause</i>	<i>Test Description</i>	<i>Result</i>
2.2	B.10	Spurious Emissions	Pass

Table 3: Results according to ISED RSS-210

<i>Section</i>	<i>Specification Clause</i>	<i>Test Description</i>	<i>Result</i>
2.1	6.7	Emission Bandwidth	Pass
2.2	8.9, 8.10	Spurious Emissions	Pass
2.3	8.11	Frequency Stability	Pass

Table 4: Results according to RSS-Gen



1.4 Product Information

1.4.1 Technical Description

Frequency Band: 2400.0 MHz – 2483.5 MHz

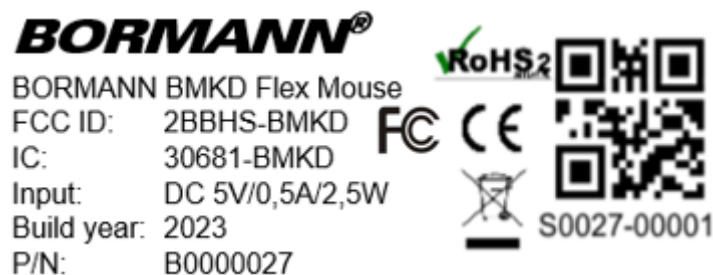
Antenna Gain: 5.3 dBi (declared)

FCC ID: 2BBHS-BMKD

IC: 30681-BMKD

Supply Voltage: N/A

Supply Frequency: DC (0 Hz)



1.4.2 EUT Ports / Cables identification

Port	Max Cable Length specified	Usage	Type	Screened
N/A				

Table 5

1.5 Test Configuration

The applicant provided a conducted test sample for frequency parameter tests and a normal test sample.

1.6 Modes of Operation

Conducted tests were performed on lowest, a middle and the highest frequency channel.



1.7 EUT Modifications Record

The table below details modifications made to the EUT during the test programme.
The modifications incorporated during each test are recorded on the appropriate test pages.

Modification State	Description of Modification still fitted to EUT	Modification Fitted By	Date Modification Fitted
0	As supplied by the customer	Not Applicable	Not Applicable

Table 6

1.8 Test Location

TÜV SÜD Product Service conducted the following tests at our Straubing test laboratory:

Test Name	Name of Engineer(s)
Emission Bandwidth	M. Steindl
Radiated emissions	M. Steindl
Temperature Stability	M. Steindl

Office Address:

Äußere Frühlingstraße 45
94315 Straubing
Germany



2 Test Details

2.1 Emission Bandwidth

2.1.1 Specification Reference

FCC 47 CFR Part 15 C, Clause 15.249
ISED RSS-Gen, Clause 6.7

2.1.2 Equipment under Test and Modification State

Bormann BMKD Flex Mouse; Conducted sample; Modification State 0

2.1.3 Date of Test

2024-08-24

2.1.4 Environmental Conditions

Ambient Temperature	25 °C
Relative Humidity	43 %

2.1.5 Specification Limits

The occupied bandwidth shall be reported for all equipment and be within the designated band.

2.1.6 Test Method

The test was performed according to ANSI C63.10, clauses 6.9.3 and 11.8.1

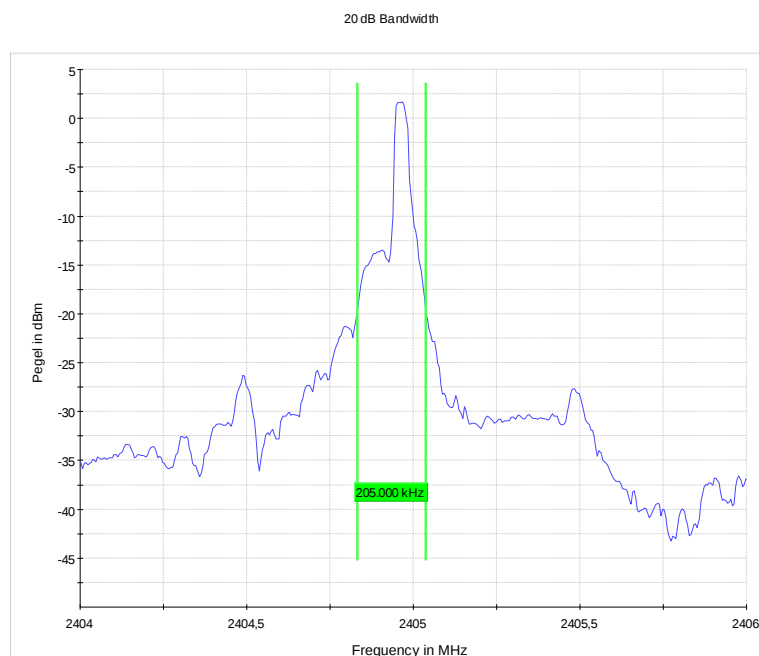


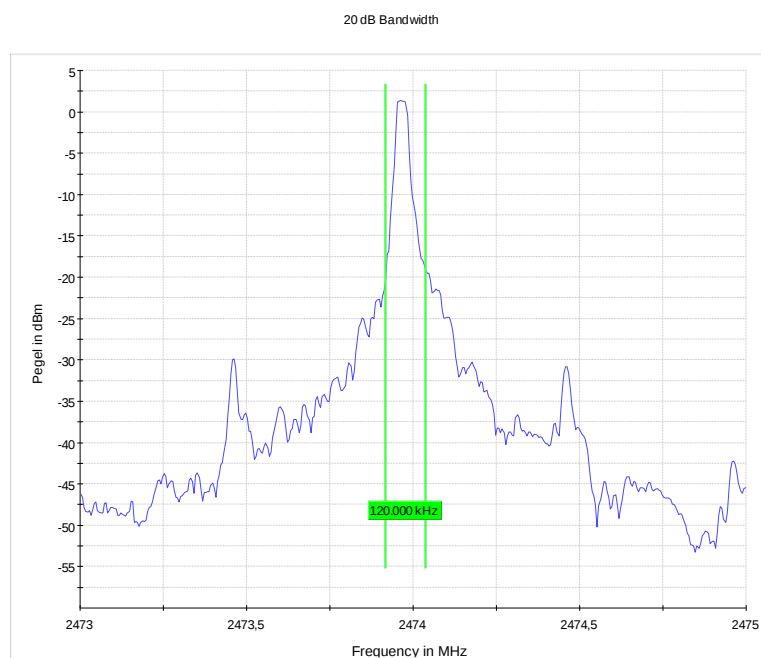
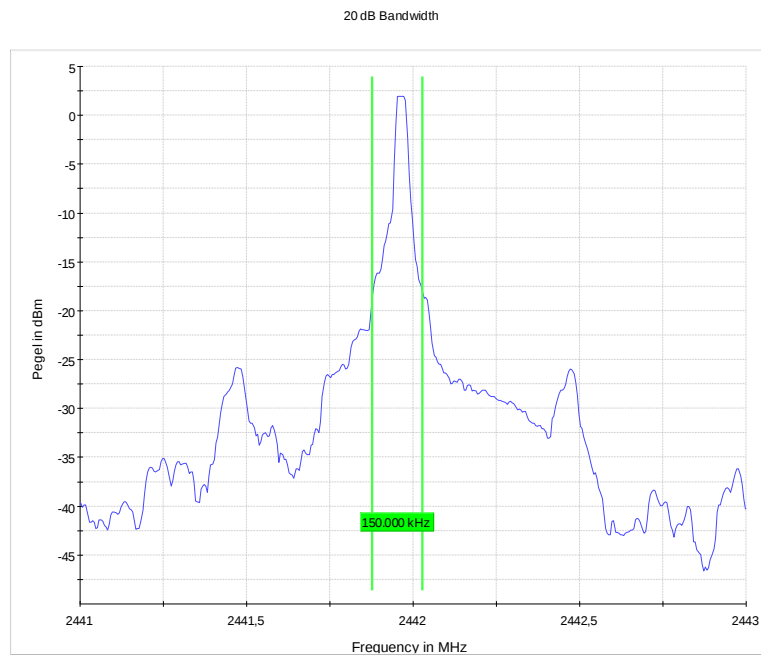
2.1.7 Test Results

All emission bandwidths are within the designated emission bandwidth.

Frequency Channel	20 dB Bandwidth	Band Edge Left	Band Edge Right	Designated Band
2405 MHz	225 kHz	2404.8125 MHz	2405.0375 MHz	2400.0 – 2483.5 MHz
2442 MHz	150 kHz	2441.8775 MHz	2442.0275 MHz	2400.0 – 2483.5 MHz
2474 MHz	120 kHz	2473.9175 MHz	2474.0375 MHz	2400.0 – 2483.5 MHz

Table 7: 20 dB bandwidth

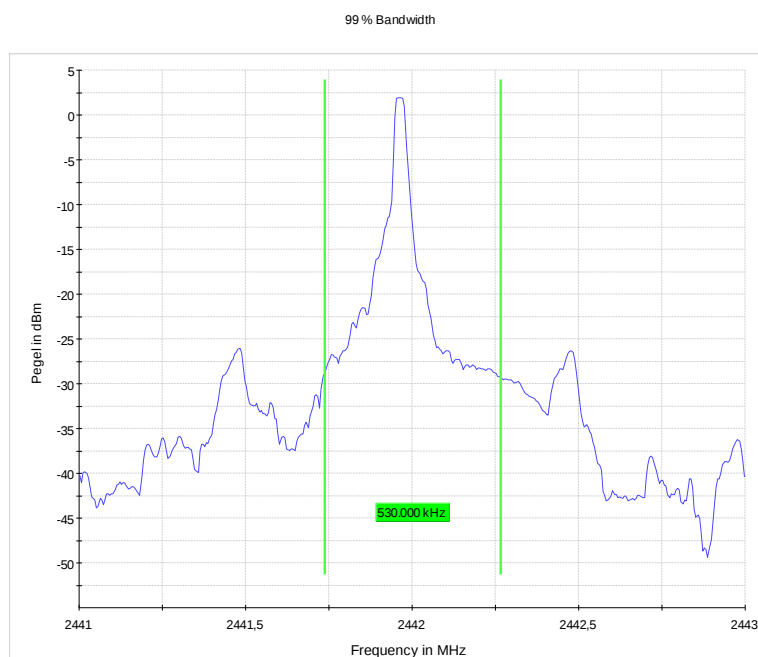
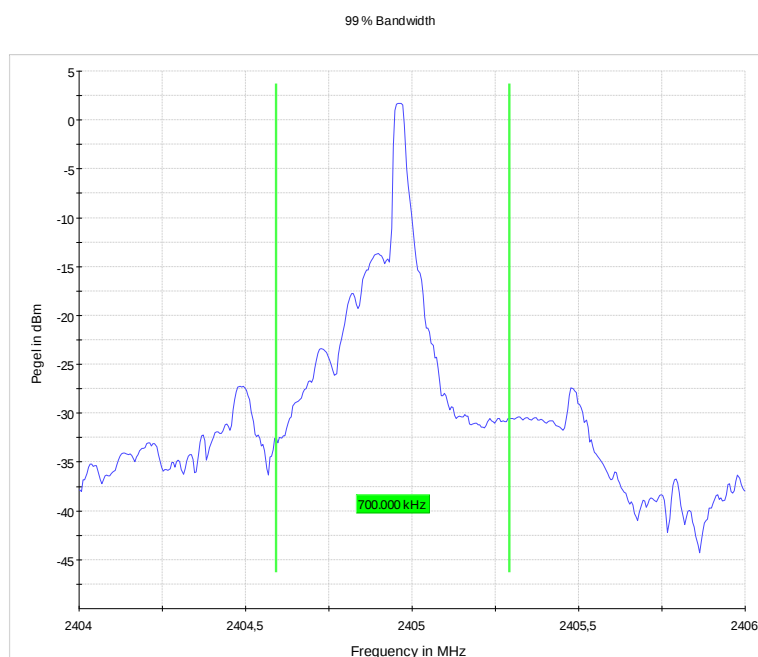


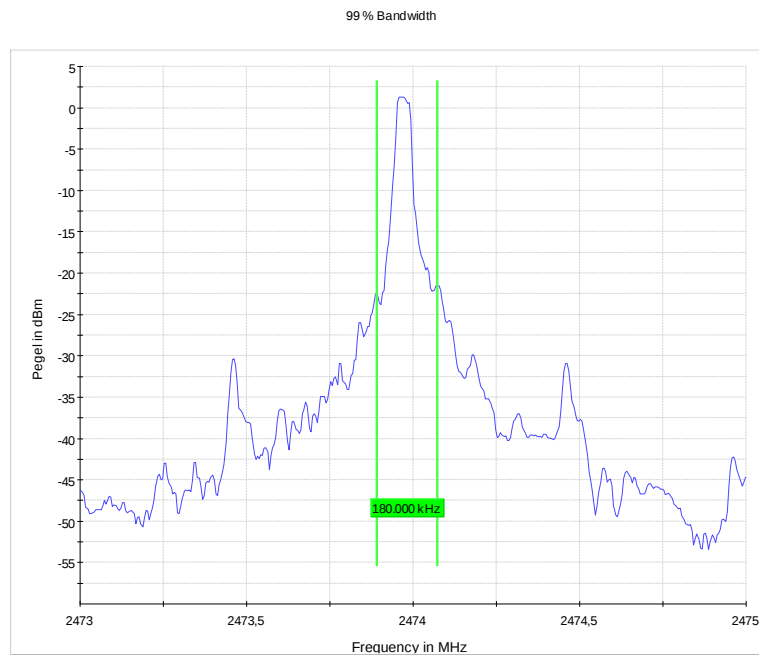




Frequency Channel	99 % Bandwidth	Band Edge Left	Band Edge Right	Designated Band
2405 MHz	845 kHz	2404.4975 MHz	2405.3425 MHz	2400.0 – 2483.5 MHz
2442 MHz	525 kHz	2441.7325 MHz	2442.2575 MHz	2400.0 – 2483.5 MHz
2474 MHz	180 kHz	2473.8975 MHz	2474.0775 MHz	2400.0 – 2483.5 MHz

Table 8: 99% bandwidth





2.1.8 Test Location and Test Equipment

The test was carried out in radio test laboratory.

<i>Instrument</i>	<i>Manufacturer</i>	<i>Type No</i>	<i>TE No</i>	<i>Calibra- tion Pe- riod (months)</i>	<i>Calibration Due</i>
Signal and spectrum analyzer	Rohde & Schwarz	FSV40	20219	24	2024-02-29
EMC measurement software	Rohde & Schwarz	EMC32 TS8997 V10.60.00	44381		

Table 9



Product Service

2.2 Radiated emissions

2.2.1 Specification Reference

FCC 47 CFR Part 15 C, Clause 15.205, 15.209, 15.249
ISED RSS-210, Clause Annex B.10
ISED RSS-Gen, Clauses 8.9 and 8.10

2.2.2 Equipment under Test and Modification State

Bormann BMKD Flex Mouse; Conducted sample; Modification State 0

2.2.3 Date of Test

2024-08-24

2.2.4 Environmental Conditions

Ambient Temperature	25 °C
Relative Humidity	43 %



2.2.5 Specification Limits

General radiated emission limits:					
Frequency Range (MHz)	Test distance (m)	Field strength		Field strength	
		($\mu\text{A/m}$)	($\text{dB}\mu\text{A/m}$)	($\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)
0.009 – 0.49	300	$6.37 / f$	$20*\lg(6.37 / f)$	$2400 / f$	$20*\lg(2400 / f)$
0.49 – 1.705	30	$63.7 / f$	$20*\lg(63.7 / f)$	$24000 / f$	$20*\lg(24000 / f)$
1.705 – 30	30	0.08	$20*\lg(0.08 / f)$	30	$20*\lg(30 / f)$
30 – 88	3	---	--	100	40
88 – 216	3	--	--	150	43.5
126 – 960	3	--	--	200	46
above 960	3	--	--	500	54

Note 1: f in kHz

Table 10 General radiated emission limits

General radiated emission limits (Field strength):					
Frequency Bands (MHz)	Test distance (m)	Fundamental Emissions		Harmonic Emissions	
		mV/m	$\text{dB}\mu\text{V/m}$	mV/m	$\text{dB}\mu\text{V/m}$
902 – 928	3	50	94.0	0.5	54.0
2440 – 2483.5	3	50	94.0	0.5	54.0
5725 – 5875	3	50	94.0	0.5	54.0
24000 – 24250	3	250	108.0	2.5	68.0

The field strength shall be measured using an average detector, except for the fundamental emission in the frequency band 902 – 928 MHz, which is based on measurements using a CISPR quasi-peak detector

Table 11 Field strength limits at various frequencies

2.2.6 Test Method

The test was performed according to ANSI C63.10, sections 11.11 and 11.12

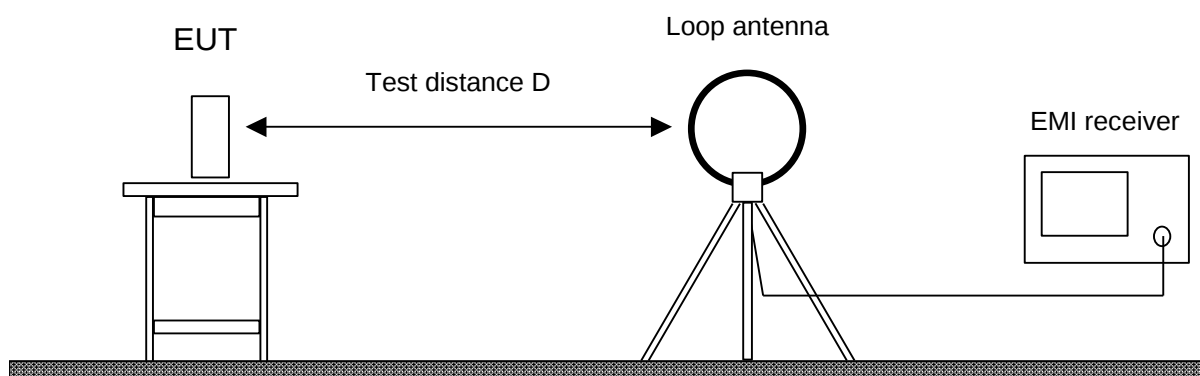
Prescans are performed in six positions of the EUT to get the full spectrum of emission caused by the EUT with the measuring antenna raised and lowered from 1 m to 4 m with vertical and horizontal polarisation to find the combination of table position, antenna height and antenna polarisation for the maximum emission levels.

Data reduction is applied to these results to select those levels having less margin than 10 dB or exceeding the limit using subranges and limited number of maximums.

Further maximisation for adjusting the maximum position is following.

Equipment and cables are placed and moved within the range of position likely to find their maximum emissions.

2.2.6.1 Frequency range 9 kHz – 30 MHz

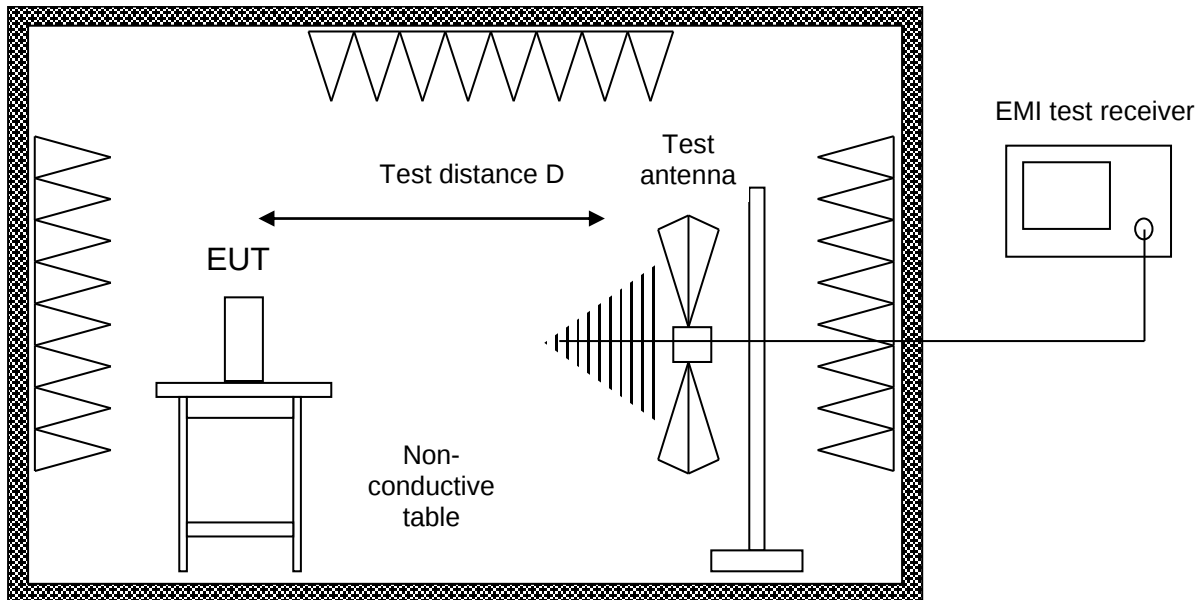


The EUT was placed on a non-conductive table, 0.8 m above the ground.

Radiated emissions in the frequency 9 kHz – 30 MHz is measured within a semi-anechoic room with an active loop antenna with the measurement detector set to peak. In addition in the frequency range 9 kHz to 490 kHz also an average detector was used. The measurement bandwidth of the receiver was set to 300 Hz in the frequency range 9 kHz to 150 kHz and 10 kHz in the frequency range 150 kHz to 30 MHz. Prescans were performed in six positions of the EUT.

For final measurements the detector was set to CISPR quasi-peak and in addition to CISPR average in the frequency range 9 kHz to 490 kHz with a resolution bandwidth 200 Hz in the frequency range 9 kHz to 150 kHz and 9 kHz in the frequency range 150 kHz to 30 MHz. Final tests were performed immediately after a final frequency and zoom (for drifting disturbances) and maximum adjustment.

2.2.6.2 Frequency range 30 MHz – 1 GHz



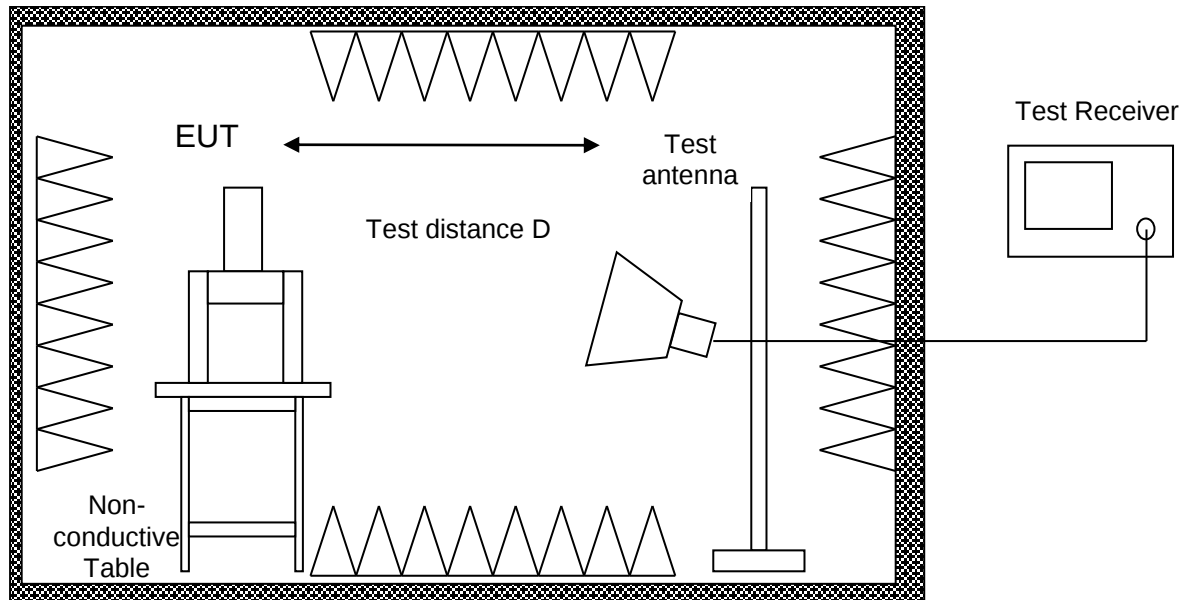
Alternate test site (semi anechoic room)

The EUT was placed on a non-conductive table, 0.8 m above the ground plane. Radiated emissions in the frequency range 30 MHz – 1 GHz are measured within a semi-anechoic room with a groundplane complying with the NSA requirements of ANSI C63.4. for alternative test sites. A linear polarised logarithmic periodic antenna combined with a 4:1 broadband dipole ("Trilog broadband antenna") is used.

For prescan tests the test receiver is set to peak-detector with a bandwidth of 120 kHz.

With the measurement bandwidth of the test receiver set to 120 kHz CISPR quasi-peak detector is selected for final measurements following immediately after a final frequency zoom (for drifting disturbances) and maximum adjustment.

2.2.6.3 Frequency range above 1 GHz



Fully anechoic room

The EUT was placed on a non-conductive table, 1.5 m above the ground plane

Radiated emission tests above 1 GHz are performed in a fully anechoic room with the S_{VSWR} requirements of ANSI C63.4. Measurements are performed both in the horizontal and vertical planes of polarisation using a test receiver with the detector function set to peak and average and the resolution bandwidth set to 1 MHz. Testing above 1 GHz is performed with horn antennas with the EUT in boresight of the antenna.

For prescan tests the test receiver is set to peak- and average-detector with a bandwidth of 1 MHz.

With the measurement bandwidth of the test receiver set to 1 MHz and peak- and CISPR average-detector is selected for final measurements following immediately after a final frequency zoom (for drifting disturbances) and maximum adjustment.



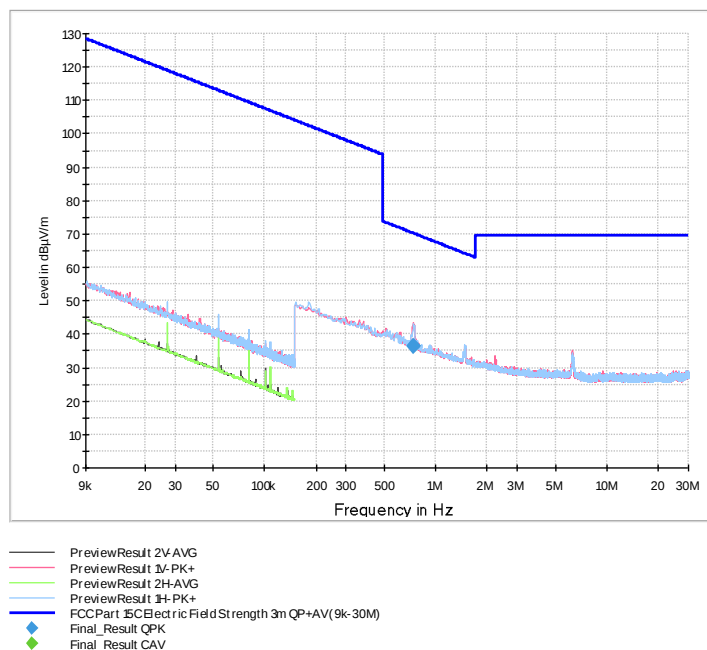
2.2.7 Test Results

Frequency range	Limit applied	Test distance
9 kHz – 1 GHz	15.209, 15.249	3 m
1 – 25 GHz		1 m

Table 12

Sample calculation:

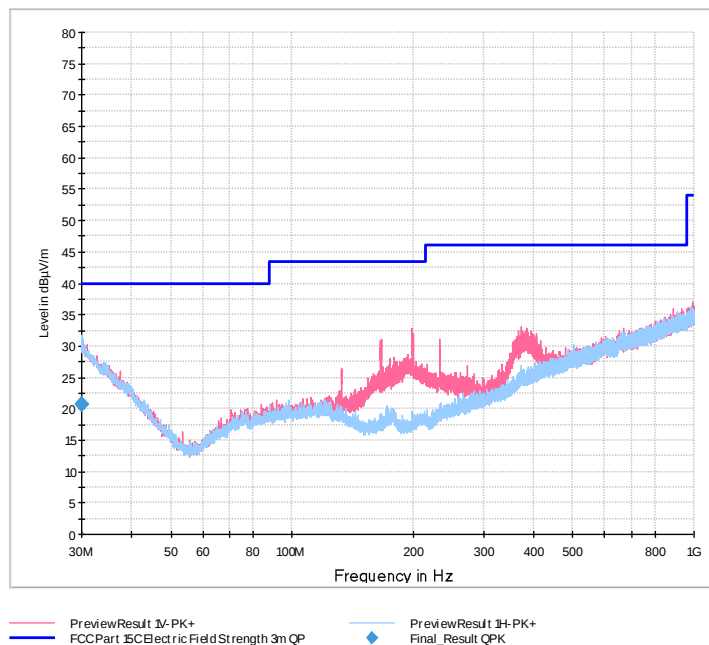
$$\text{Final Value (dB}\mu\text{V/m)} = \text{Reading Value (dB}\mu\text{V)} + (\text{Cable attenuation (dB)} + \text{Antenna Transducer (dB(1/m))})$$



Frequency MHz	QuasiPeak dBμV/m	CAverage dBμV/m	Limit dBμV/m	Margin dB	Meas. Time ms	Bandwidth kHz	Height cm	Pol	Azimuth deg	Corr. dB/m
0.741750	36.41		70.20	33.79	1000	9	100.0	V	-60.0	19.4



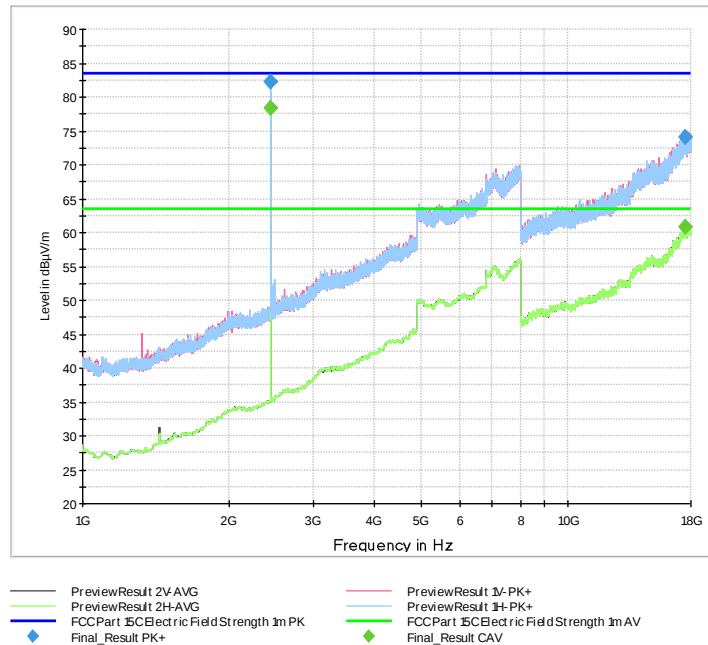
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Frequency MHz	QuasiPeak dBμV/m	Limit dBμV/m	Margin dB	Meas. Time ms	Band- width kHz	Height cm	Pol	Azi- muth deg	Corr. dB/m
30.000000	20.70	40.00	19.30	1000	120	319.0	H	-63.0	25.2



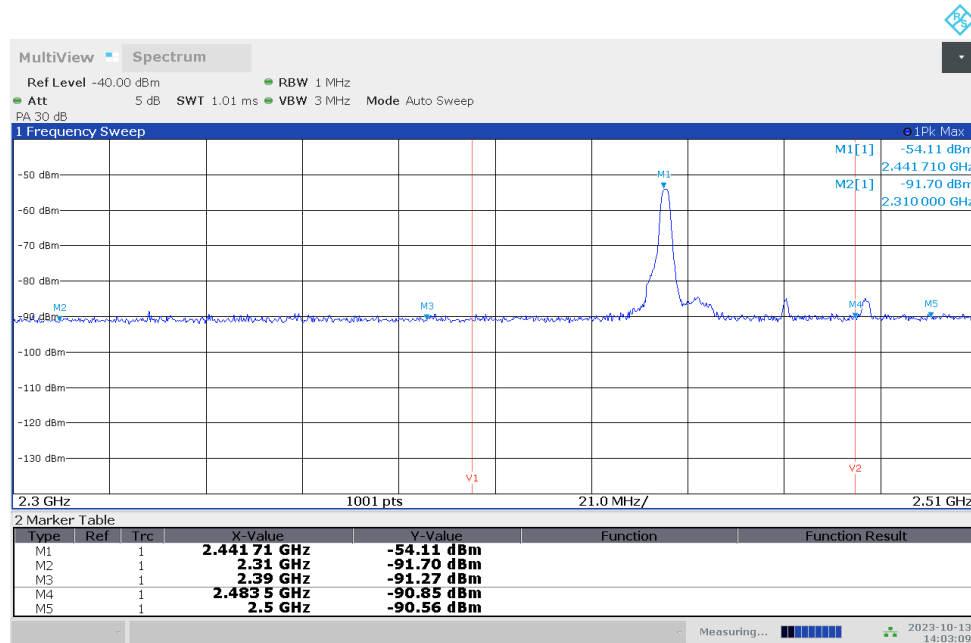
Product Service



Frequency MHz	Max- Peak dBμV/m	CAver- age dBμV/m	Limit dBμV/m	Mar- gin dB	Meas. Time ms	Band- width kHz	Height cm	Pol	Azi- muth deg	Corr. dB/m
2441.750000	82.17		114.0	31.83	1000.0	1000.000	109.0	H	16.0	34.0
2441.750000		78.41	94.0	15.59	1000.0	1000.000	109.0	H	16.0	34.0
17554.500000	74.00		83.50	9.50	1000.0	1000.000	100.0	V	130.0	58.4
17554.500000		60.74	63.50	2.76	1000.0	1000.000	100.0	V	130.0	58.4



Product Service

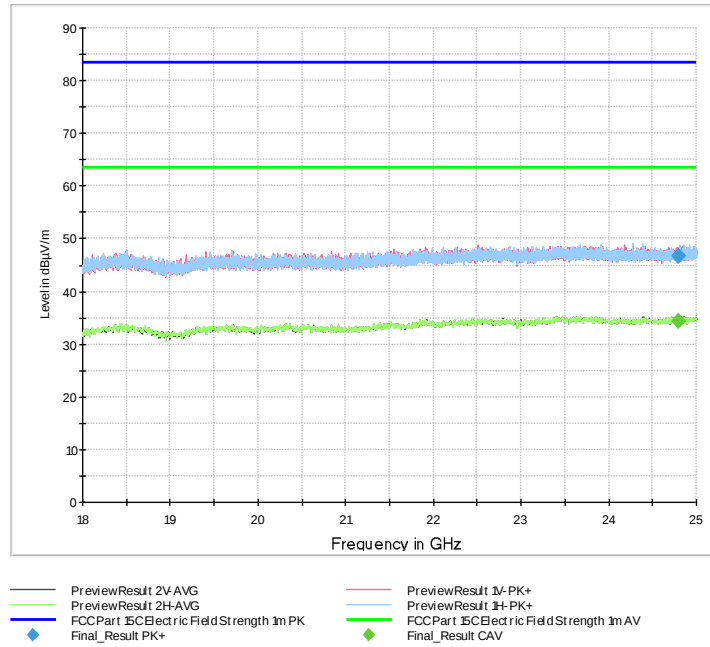


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Restricted Bands, OK



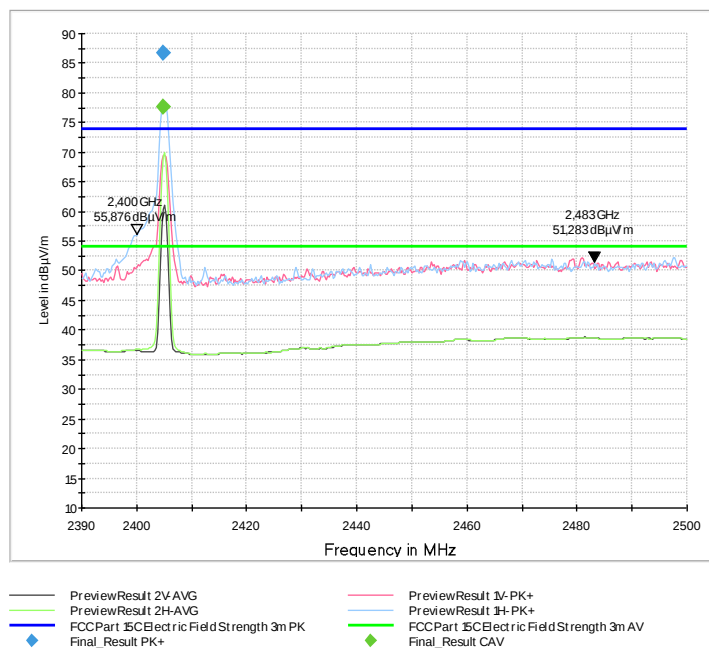
Product Service



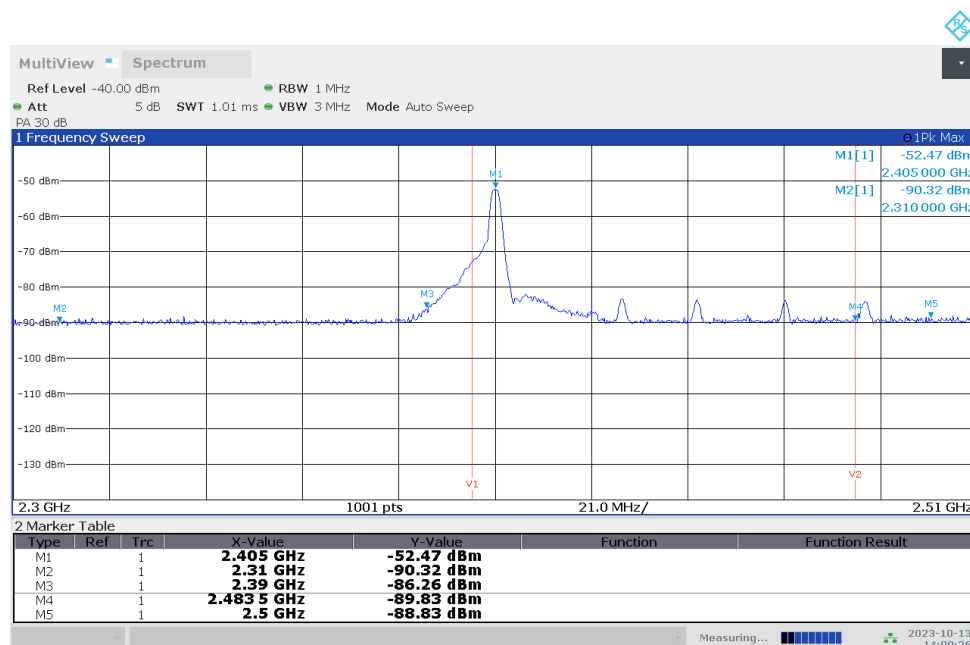
Frequency MHz	Max-Peak dBµV/m	CAverage dBµV/m	Limit dBµV/m	Margin dB	Meas. Time ms	Band-width kHz	Height cm	Pol	Azi-muth deg	Corr. dB/m
24790.000000		34.28	63.50	29.22	1000	1000	170.0	V	-109.0	29.2
24790.000000	46.67		83.50	36.83	1000	1000	170.0	V	-109.0	29.2



2.2.7.1 Tests on lowest and highest channel



Frequency MHz	Max-Peak dBµV/m	CAverage dBµV/m	Limit dBµV/m	Margin dB	Meas. Time ms	Band- width kHz	Height cm	Pol	Azi- muth deg	Corr. dB/m
2404.750000		77.70	94.0	16.30	1000	1000	100.0	H	97.0	33.9
2404.750000	86.62		114.0	27.34	1000	1000	100.0	H	97.0	33.9

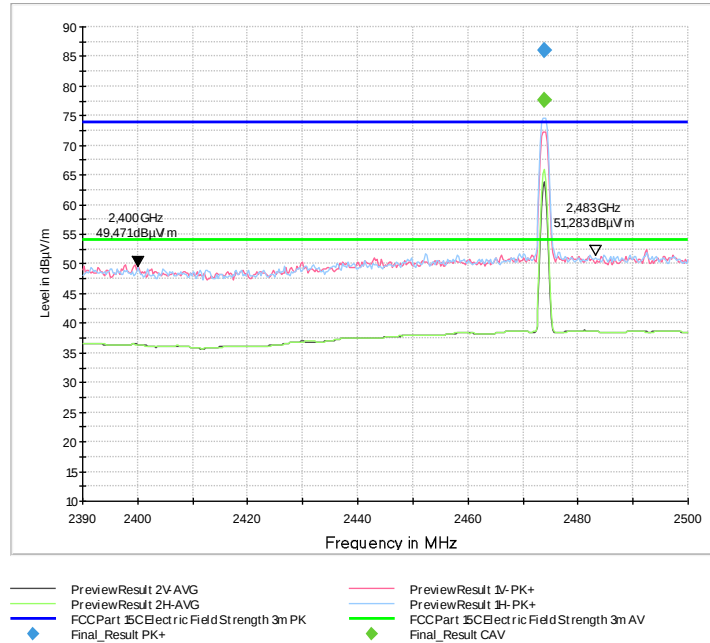


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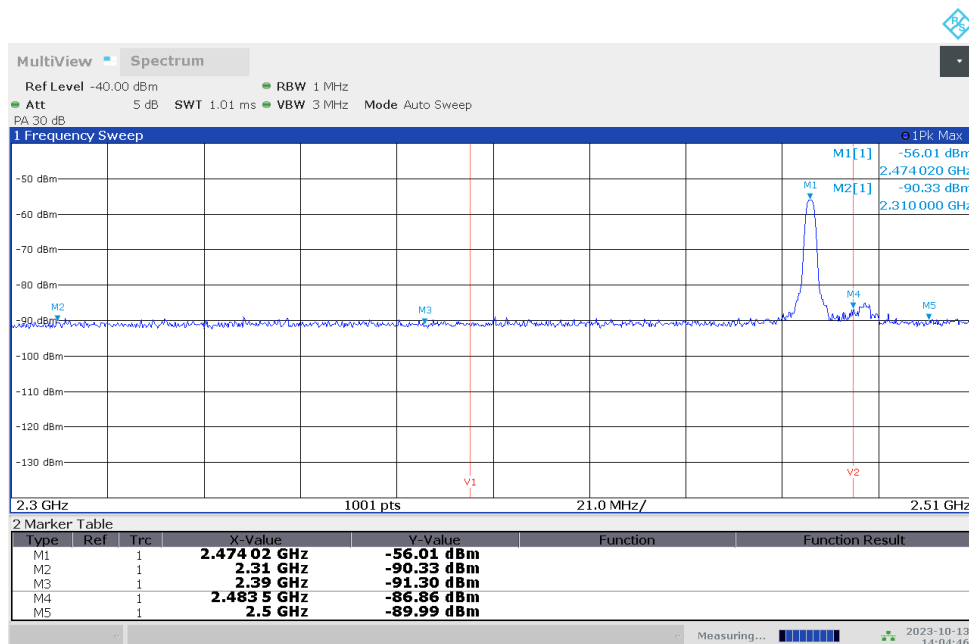
Restricted Bands, OK



Product Service



Frequency MHz	Max-Peak dBµV/m	CAverage dBµV/m	Limit dBµV/m	Margin dB	Meas. Time ms	Band- width kHz	Height cm	Pol	Azi- muth deg	Corr. dB
2474.000000		77.57	94.0	16.43	1000	1000	125.0	H	90.0	34.2
2474.000000	86.05		114.0	27.95	1000	1000	125.0	H	90.0	34.2



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Restricted Bands, OK



2.2.8 Test Location and Test Equipment

The test was carried out in semi anechoic room, Cabin No. 11

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
Loop antenna	Rohde & Schwarz	FMZB 1519 B	44334	36	2026-06-30
ULTRALOG antenna	Rohde & Schwarz	HL562E	61486	36	2026-04-30
Fixed attenuator	Weinschel	Model 1: 6 dB	39632	36	2026-01-31
Double ridged horn antenna	Rohde & Schwarz	HF907	40089	24	2024-10-31
Horn antenna with preamplifier	Rohde & Schwarz	LB-180400H-KF + TS-LNA1840	43661	24	2025-01-17
EMI test receiver	Rohde & Schwarz	ESW44	39897	12	2024-04-30
EMC measurement software	Rohde & Schwarz	EMC32 Emission V11.50	42986		

Table 13



2.3 Temperature Stability

2.3.1 Specification Reference

ISED RSS-Gen, Clause 6.11, 8.11

2.3.2 Equipment under Test and Modification State

Bormann BMKD Flex Mouse; Conducted sample; Modification State 0

2.3.3 Date of Test

2024-08-24

2.3.4 Environmental Conditions

Ambient Temperature	25 °C
Relative Humidity	43 %

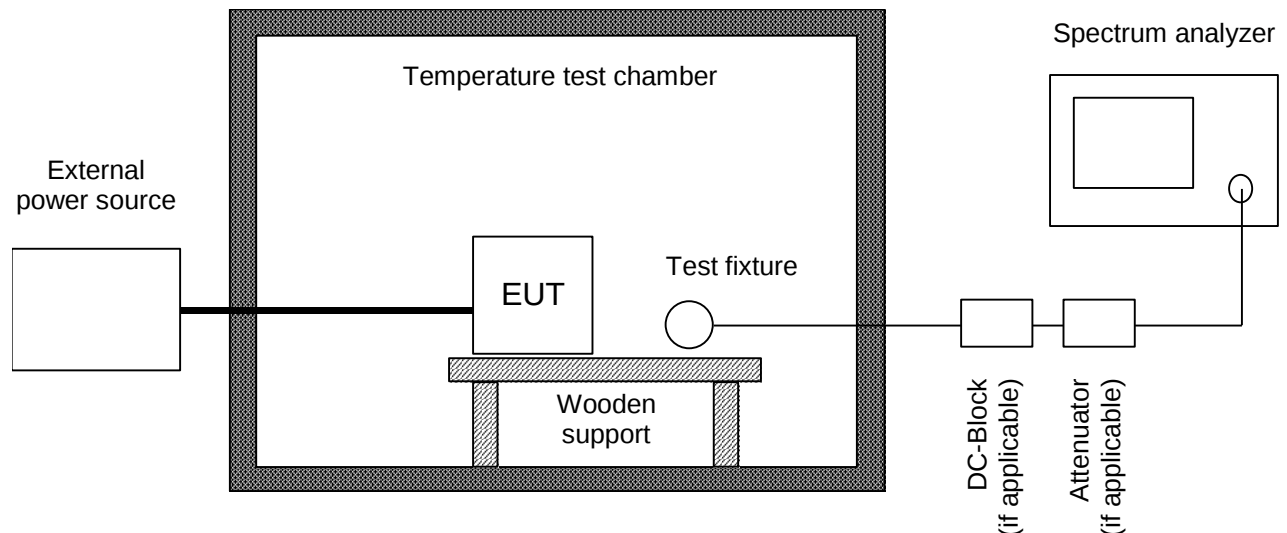
2.3.5 Specification Limits

If the stability of the license-exempt radio apparatus is not specified in the applicable RSS, the fundamental emissions of the radio apparatus should be kept within at least the central 80 % of its permitted operating frequency band in order to minimize the possibility of out-of-band operation. In addition, its occupied bandwidth shall be entirely outside the restricted bands and the prohibited TV bands of 85 MHz – 72 MHz, 76 MHz – 88 MHz, 174 MHz – 216 MHz, and 470 MHz – 602 MHz, unless otherwise indicated.



2.3.6 Test Method

The test was performed according to ANSI C63.10, section 6.8.



The frequency tolerance of the carrier signal is measured over a temperature variation of -20°C to $+50^{\circ}\text{C}$ at normal supply voltage, and for a variation in the primary supply voltage from 85 % to 115 % of the rated supply voltage at a temperature of 20°C . Temperature and voltage range may vary if the manufacturer states another temperature or voltage range.

If the EUT provides an antenna connector the spectrum analyzer is connected to this port. If required, a resistive matching network equal to the impedance specified or employed for the antenna is used as well as a DC block and appropriate (50 Ω) attenuators. In case where the EUT does not provide an antenna connector or a test fixture is used.

For battery operated equipment, the test is performed using a new battery. Alternatively, an external supply voltage can be used and is at least set to:

- The maximum battery voltage as delivered by a new battery or 115 % of the battery nominal voltage;
- The battery nominal voltage
- 85 % of the battery nominal voltage
- The battery operating end point voltage which shall be specified by the equipment manufacturer.

The EUT is operating providing an unmodulated carrier for frequency error tests. The peak detector of the spectrum analyzer is selected and resolution as well as video bandwidth are set to values appropriate to shape of the spectrum of the EUT. The frequency counter mode of the spectrum analyzer is used to maximize the accuracy of the measured frequency tolerance.

If an unmodulated carrier is not available a significant and stable point of the spectrum is selected and the span is reduced to a value that delivers an accuracy which shall be better than 1 % of the maximum frequency tolerance allowed for the carrier signal. This method may be performed as long as the margin to the frequency tolerance is larger than the uncertainty of the measured frequency tolerance.

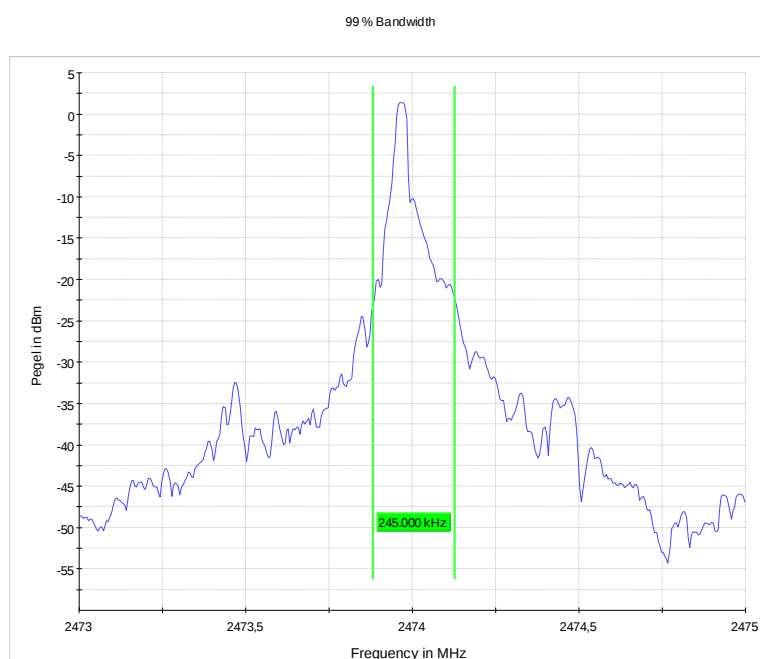
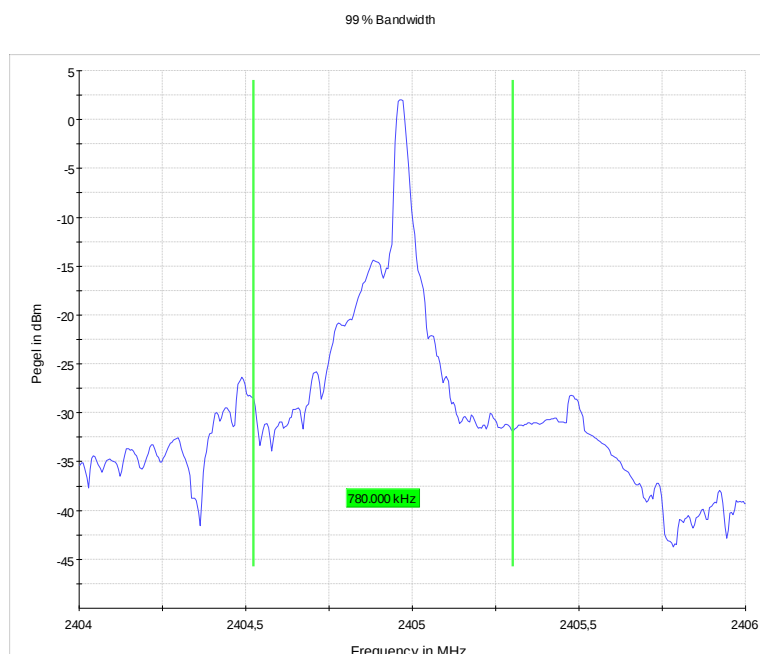
The test was performed with a new battery in the temperature range 0°C to 40°C .



2.3.7 Test Results

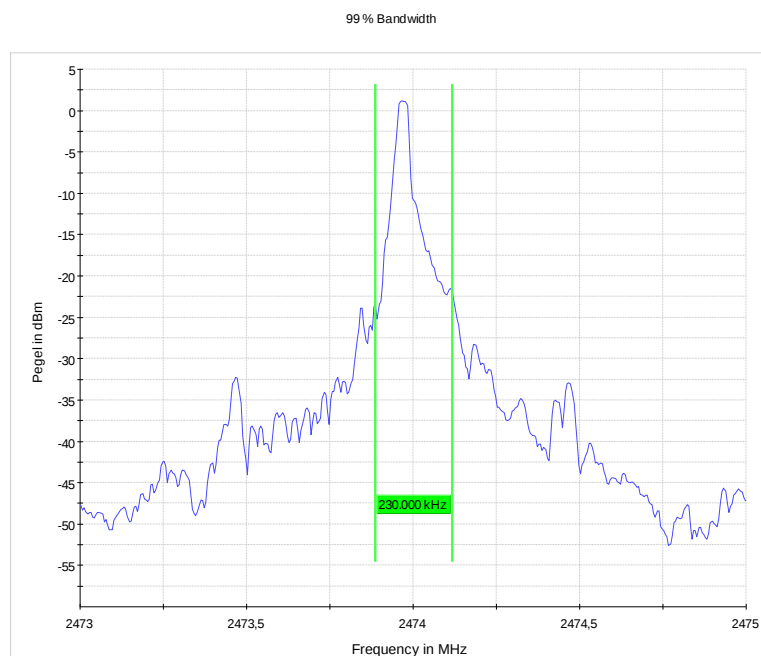
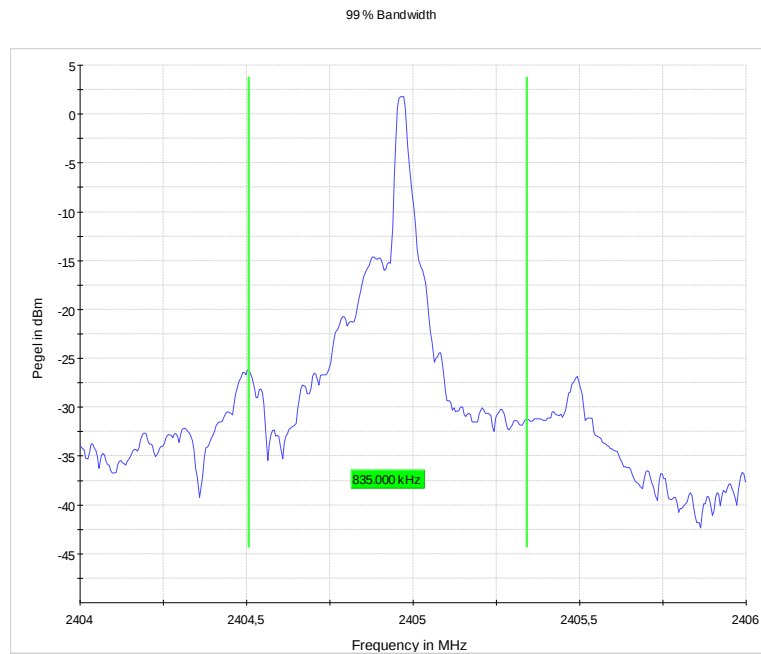
All 99 % emissions are within the designated frequency band 2400.0 – 2483.5 MHz. See plots for details.

2.3.7.1 Temperature 0 °C



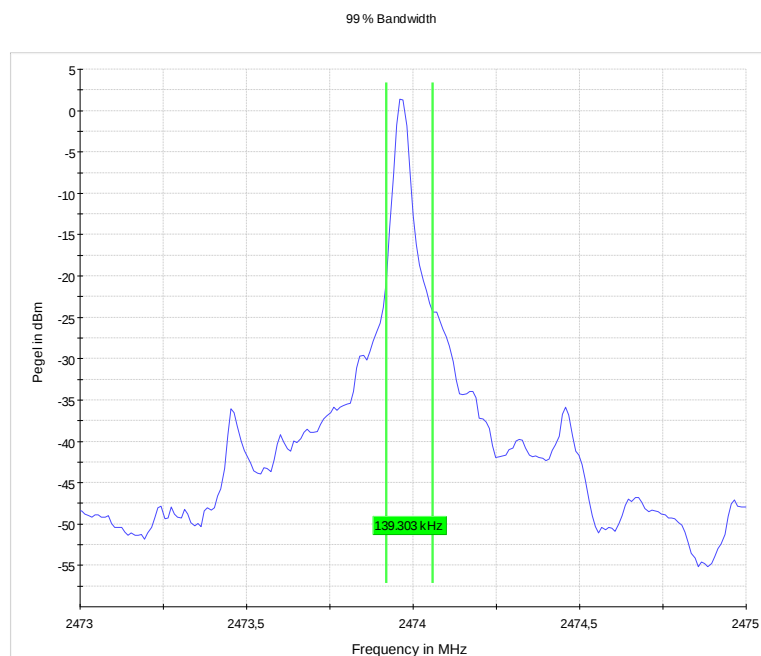
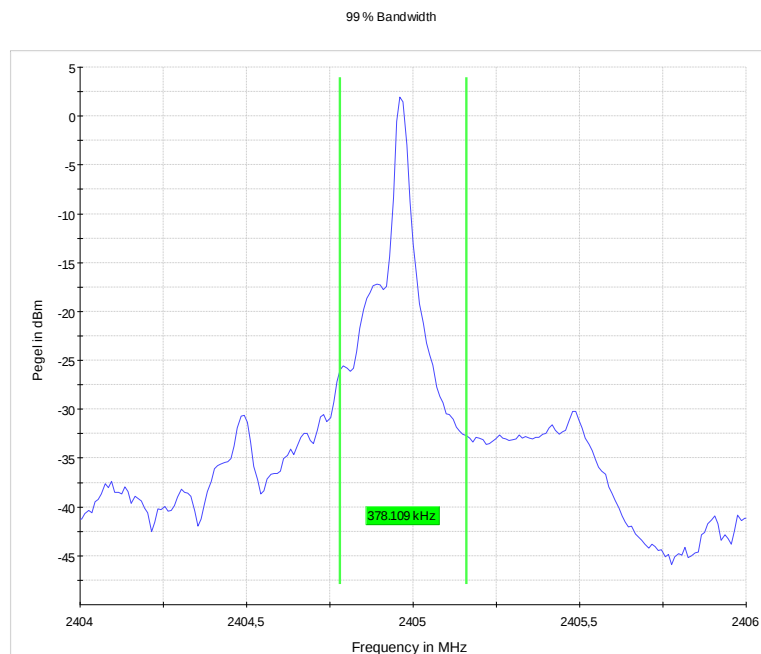


2.3.7.2 Temperature 10 °C

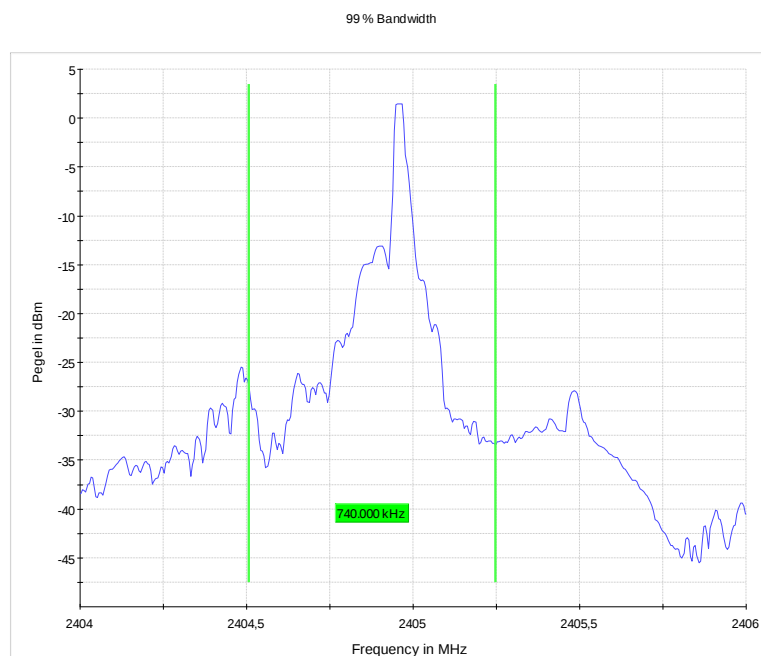
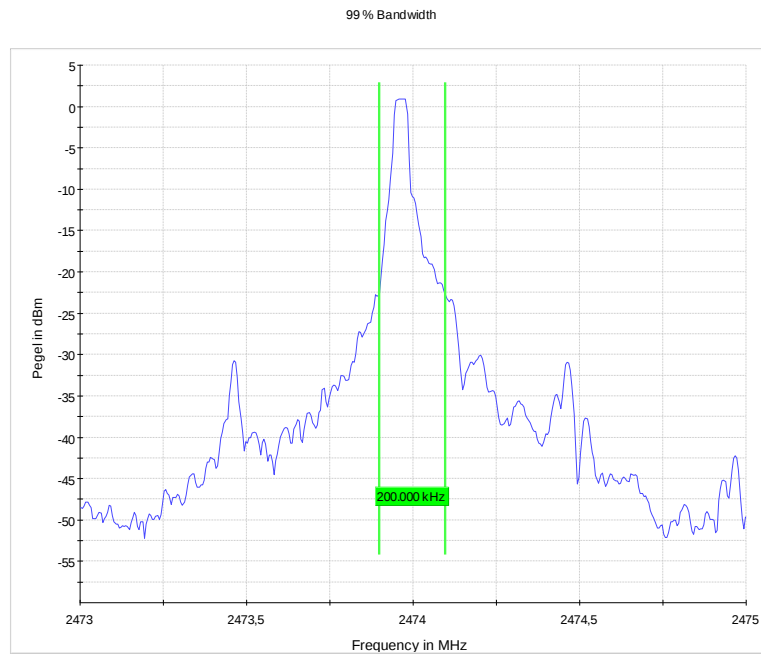




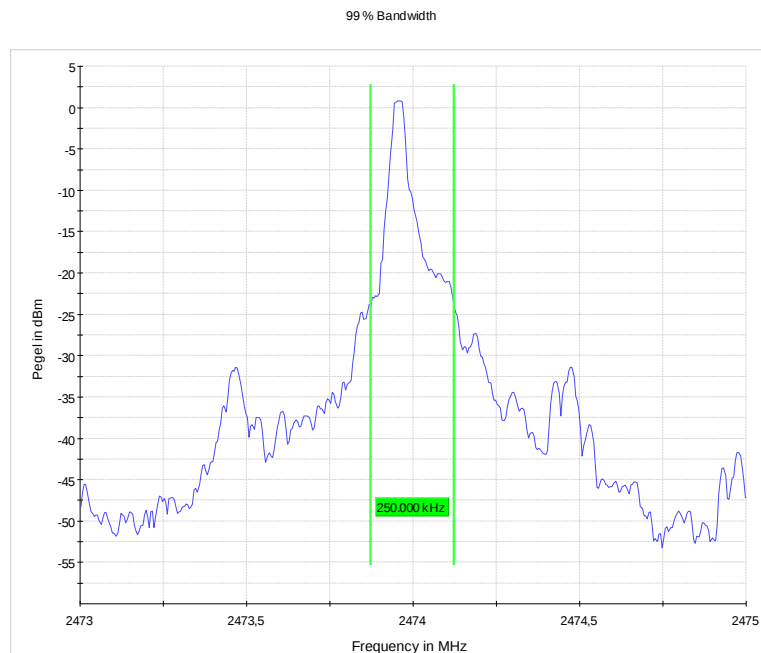
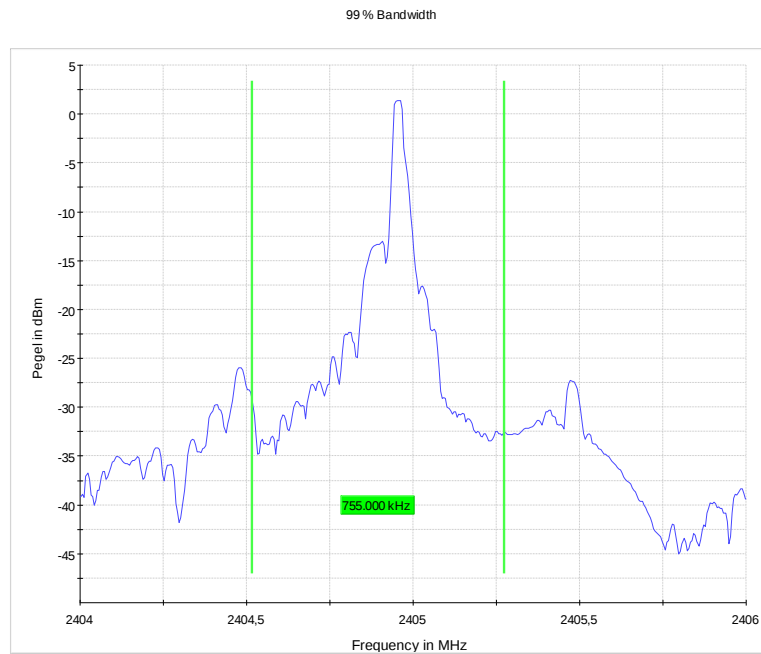
2.3.7.3 Temperature 20 °C



2.3.7.4 Temperature 30 °C



2.3.7.5 Temperature 40 °C





2.3.8 Test Location and Test Equipment

The test was carried out in radio test laboratory.

<i>Instrument</i>	<i>Manufacturer</i>	<i>Type No</i>	<i>TE No</i>	<i>Calibra- tion Pe- riod (months)</i>	<i>Calibration Due</i>
Signal and spectrum analyzer	Rohde & Schwarz	FSV40	20219	24	2024-02-29
EMC measurement software	Rohde & Schwarz	EMC32 TS8997 V10.60.00	44381		

Table 14



Product Service



3 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

<i>Radio Interference Emission Testing</i>		
<i>Test Name</i>	<i>kp</i>	<i>Expanded Uncertainty</i>
Conducted Voltage Emission		
9 kHz to 150 kHz (50Ω/50μH AMN)	2	± 3.8 dB
150 kHz to 30 MHz (50Ω/50μH AMN)	2	± 3.4 dB
100 kHz to 200 MHz (50Ω/5μH AMN)	2	± 3.6 dB
Discontinuous Conducted Emission		
9 kHz to 150 kHz (50Ω/50μH AMN)	2	± 3.8 dB
150 kHz to 30 MHz (50Ω/50μH AMN)	2	± 3.4 dB
Conducted Current Emission		
9 kHz to 200 MHz	2	± 3.5 dB
Magnetic Fieldstrength		
9 kHz to 30 MHz (with loop antenna)	2	± 3.9 dB
9 kHz to 30 MHz (large-loop antenna 2 m)	2	± 3.5 dB
Radiated Emission		
30 MHz to 300 MHz	2	± 4.9 dB
300 MHz to 1 GHz	2	± 5.0 dB
1 GHz to 6 GHz	2	± 4.6 dB
Test distance 10 m		
30 MHz to 300 MHz	2	± 4.9 dB
300 MHz to 1 GHz	2	± 4.9 dB
The expanded uncertainty reported according to CISPR16-4-2: 2011 + A1 + A2 + Cor1 is based on a standard uncertainty multiplied by a coverage factor of $k_p = 2$, providing a level of confidence of $p = 95.45\%$		

Table 15 Measurement uncertainty based on CISPR 16-4-2



<i>Radio Interference Emission Testing</i>		
<i>Test Name</i>	<i>kp</i>	<i>Expanded Uncertainty</i>
Occupied Bandwidth	2	± 5 %
Conducted Power		
9 kHz ≤ f < 30 MHz	2	± 1.0 dB
30 MHz ≤ f < 1 GHz	2	± 1.5 dB
1 GHz ≤ f ≤ 40 GHz	2	± 2.5 dB
1 MS/s power sensor (TS8997)	2	± 1.5 dB
Occupied Bandwidth	2	± 5 %
Power Spectral Density	2	± 3.0 dB
Radiated Power		
25 MHz – 6 GHz	1.96	±4.4 dB
1 GHz – 18 GHz	1.96	±4.7 dB
18 GHz – 40 GHz	1.96	±4.9 dB
40 GHz – 325 GHz	1.96	±6.1 dB
Conducted Spurious Emissions	2	± 3.0 dB
Radiated Spurious Emissions	2	± 6.0 dB
Voltage		
DC	2	± 1.0 %
AC	2	± 2.0 %
Time (automatic)	2	± 5 %
Frequency	2	± 10 ⁻⁷
The expanded uncertainty reported according to ETSI TR 100 028:2001 is based on a standard uncertainty multiplied by a coverage factor of kp = 2, providing a level of confidence of p = 95.45%		

Table 16 Measurement uncertainty based on ETSI TR 100 028

The measurement uncertainty in the laboratory is less than or equal to the maximum measurement uncertainty according to CISPR16-4-2: 2011 + A1 + A2 + Cor1 (U_{CISPR}) and as specified in the test report below. This normative regulation means that the measured value is also the value to be assessed in relation to the limit value.



Test Name	Expanded Uncertainty
Occupied Bandwidth	±5 %
Conducted Power	
9 kHz ≤ f < 30 MHz	±1.0 dB
30 MHz ≤ f < 1 GHz	±1.5 dB
1 GHz ≤ f ≤ 40 GHz	±2.5 dB
1 MS/s power sensor (2.4 / 5 GHz band)	±1.5 dB
Power Spectral Density	±3.0 dB
Radiated Power	
25 MHz – 26.5 GHz	±6.0 dB
26.5 GHz – 66 GHz	±8.0 dB
40 GHz – 325 GHz	±10.0 dB
Conducted Spurious Emissions	±3.0 dB
Radiated Field Strength 9 kHz – 40 GHz	±6.0 dB
Voltage	
DC	± 1.0 %
AC	± 2.0 %
Time (automatic)	± 5 %
Frequency	± 10 ⁻⁷

Table 17 Decision Rule: Maximum allowed measurement uncertainty