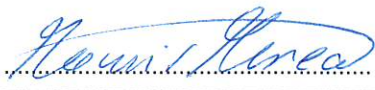
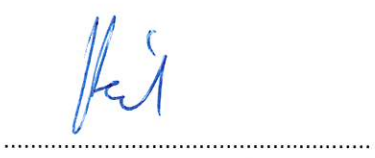
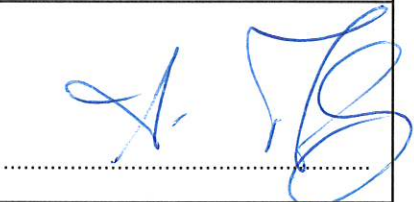


EMC TEST REPORT FCC CFR Title 47 / Chapter I / Subchapter A / Part 15 / Subpart B ISED ICES-003 Issue 7	
Report Reference No	G0M-2301-1843-EF0115B-V02
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	    A2LA - Registration number: 1983.01 (ISED) ISED wireless device testing laboratory: CN 3470A DAkkS - Registration number : D-PL-12092-01-04 (FCC) FCC Filed Test Laboratory, Reg.-No.: 96970
Applicant	Glaubitz GmbH & Co.KG
Address	Görlitzer Straße 53 02763 Zittau GERMANY
Test Specification Standard(s)	FCC CFR Title 47 / Chapter I / Subchapter A / Part 15 / Subpart B ISED ICES-Gen Issue 1 ; Amendment 1 (February 2021) ISED ICES-003 Issue 7 ANSI C63.4:2014+A1:2017
Non-Standard Test Method	None
Equipment under Test (EUT):	
Product Description	Wireless Remote Control
Model(s)	ECU-WRC-WK
Additional Model(s)	ECU-WRC-WOK
Brand Name(s)	None
Hardware Version(s)	V2.0
Software Version(s)	V1.0
FCC-ID	2BB4K-ECUWRC
IC	30970-ECUWRC
Test Result	PASSED

Possible test case verdicts:		
required by standard but not tested	N/T	
not required by standard	N/R	
required by standard but not appl. to test object	N/A	
test object does meet the requirement	P(PASS)	
test object does not meet the requirement	F(FAIL)	
Testing:		
Date of receipt of test item	2023-06-13	
Report:		
Compiled by	Jens Marquardt	
Tested by (+ signature)	Mounir Marea	
Tested by (+ signature) (Responsible for Test)	Matthias Handrik	
Approved by (+ signature) (Test Lab Engineer)	Andreas Pflug	
Date of Issue	2024-03-19	
Total number of pages	41	
General Remarks:		
The test results presented in this report relate only to the object tested. The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.		
Statement concerning the uncertainty of the measurement systems used for decisions on conformity (decision rule): The Decision Rule is applied on the basis of CISPR 16-4-2 and/or IEC 61000-4-x (TR 61000-1-6) and their national publications. These standards provide guidance on how to calculate and apply measurement uncertainty whilst providing maximum uncertainties allowance. In all cases due consideration will be given to ILAC-G8:09/2019. Compliance or non-compliance with a disturbance limit is determined in the following manner. - If U_{lab} is less than or equal to U_{cisp}, then: compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit. - If U_{lab} is greater than U_{cisp}, then: compliance is deemed to occur if no measured disturbance level, increased by $(U_{lab} - U_{cisp})$, exceeds the disturbance limit; non-compliance is deemed to occur if any measured disturbance level, increased by $(U_{lab} - U_{cisp})$, exceeds the disturbance limit.		

Where appropriate for the test, for example for EMC pulsed immunity tests, the laboratory has demonstrated, by calibrating its equipment and facilities, that it complies with the above requirements and therefore no allowance of uncertainties has been given to the tolerances.

Additional Comments:

ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
EUT	Equipment Under Test
FCC	Federal Communications Commission
ISED	Innovation, Science and Economic Development Canada
T _{NOM}	Nominal operating temperature
V _{NOM}	Nominal supply voltage

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2023-11-29	Initial Release	-
02	2024-03-19	Signature page expanded	A.Pflug

REPORT INDEX

1	Equipment (Test Item) Under Test.....	7
1.1	Equipment Ports.....	8
1.2	Equipment Photos – Internal	9
1.3	Equipment Photos - External.....	12
1.4	Support Equipment.....	23
1.5	Operational Modes.....	23
1.6	EUT Configuration.....	23
1.7	Sample emission level calculation.....	24
2	Result Summary.....	25
2.1	Test Conditions and Results - Radiated emissions acc. to ANSI C63.4.....	26
3	Measurement Uncertainty	41

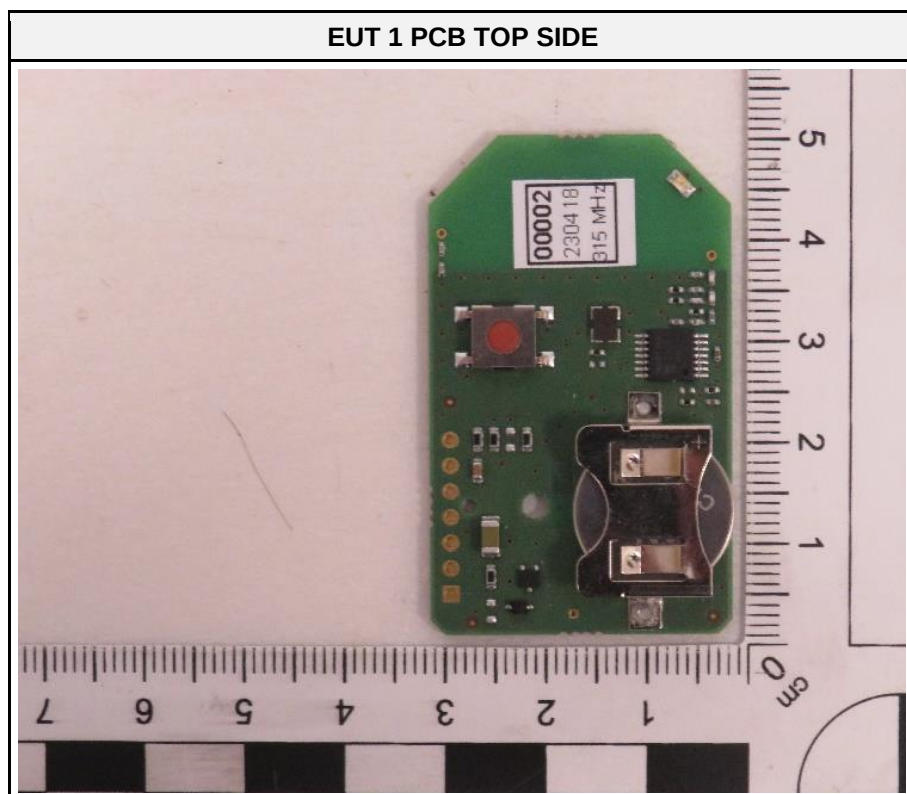
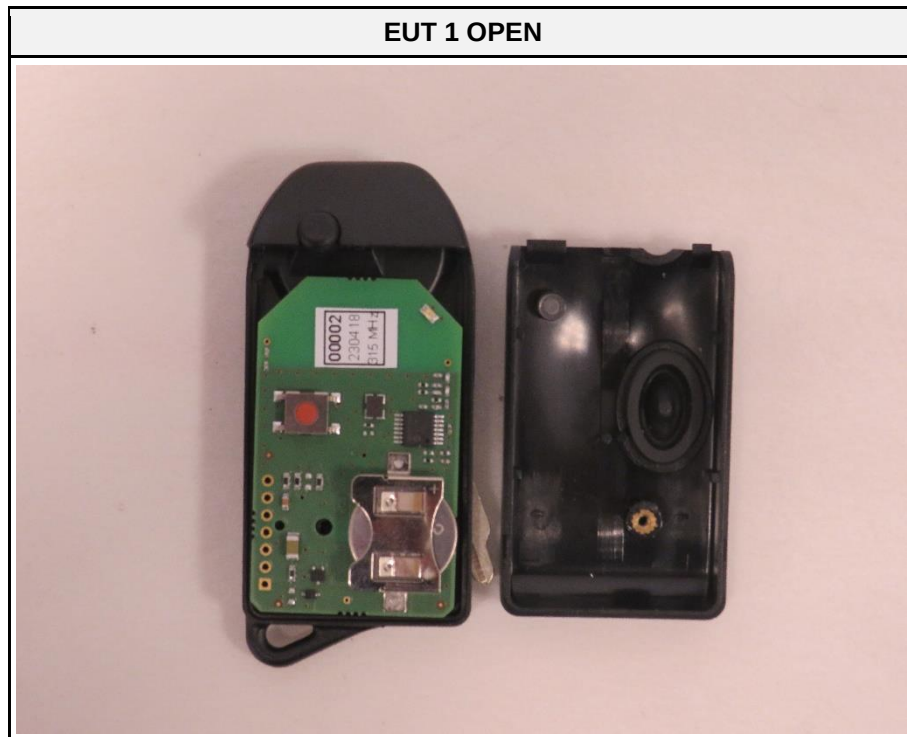
1 Equipment (Test Item) Under Test

Description	Wireless Remote Control		
Intended Use	The radio hand-held transmitter operates the central locking via a Button, when locking or unlocking the vehicle, if installed, activates or deactivates the immobilizer and the alarm system, the immobilizer and alarm system are also activated or deactivated. When the hand-held transmitter is operated, the LED lights up briefly and flashes when the battery is low.		
Model	ECU-WRC-WK		
Additional Model(s)	ECU-WRC-WOK		
Brand Name(s)	None		
Hardware Version(s)	V2.0		
Software Version(s)	V1.0		
Number of tested samples	1		
Sample Identification	EUT #	Sample-ID	Serial Number
	EUT 1	44568	00002
	EUT 2	44569	00005
EUT Dimensions [cm]	EUT 1	6.0 x 3.4 x 1.8	
	EUT 2	6.0 x 3.4 x 1.2	
FCC-ID	2BB4K-ECUWRC		
IC	30970-ECUWRC		
Equipment Class	Class B		
Equipment type	Table top		
Highest internal frequency [MHz]	24 MHz including frequencies inside of integrated circuits; 315 MHz not including frequencies inside of integrated circuits		
Protective Earth	No		
Radio Module	Type	SRD Module	
	Manufacturer	Glaubitz GmbH & Co.KG	
Supply Voltage	V _{NOM}	3.0 V DC CR1632 non rechargeable Lithium Battery	
AC/DC-Adaptor	None		
Manufacturer	Glaubitz GmbH & Co.KG Görlitzer Straße 53 02763 Zittau GERMANY		

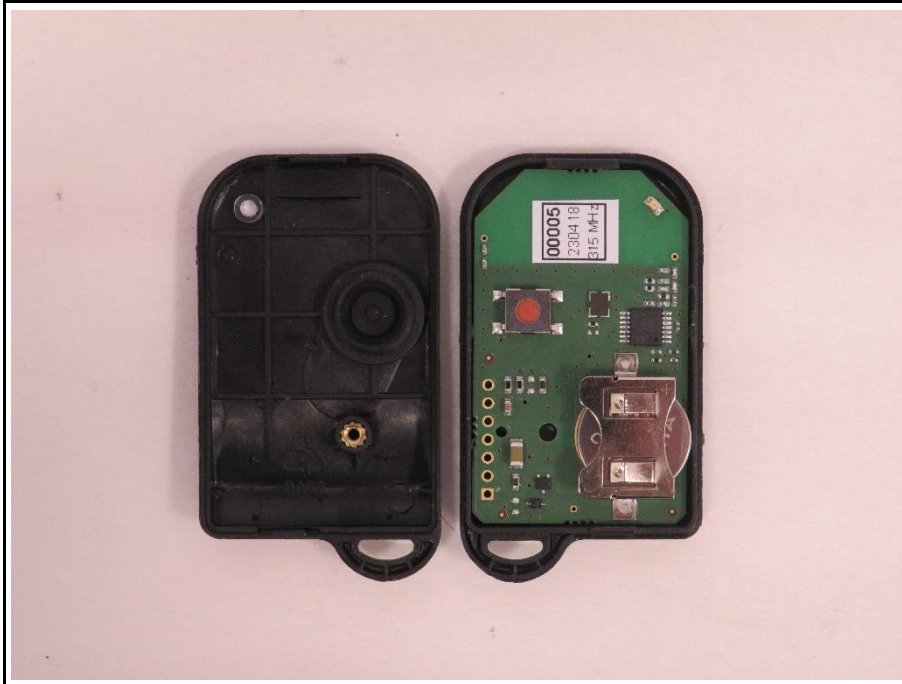
1.1 Equipment Ports

Name	Type	Attributes	Comment
None			
Description:			
AC	AC mains power input/output port		
DC	DC power input/output port		
BAT	DC power input port connected to external battery		
IO	Input/Output port		
TP	Telecommunication port		
NE	Non-electrical port		

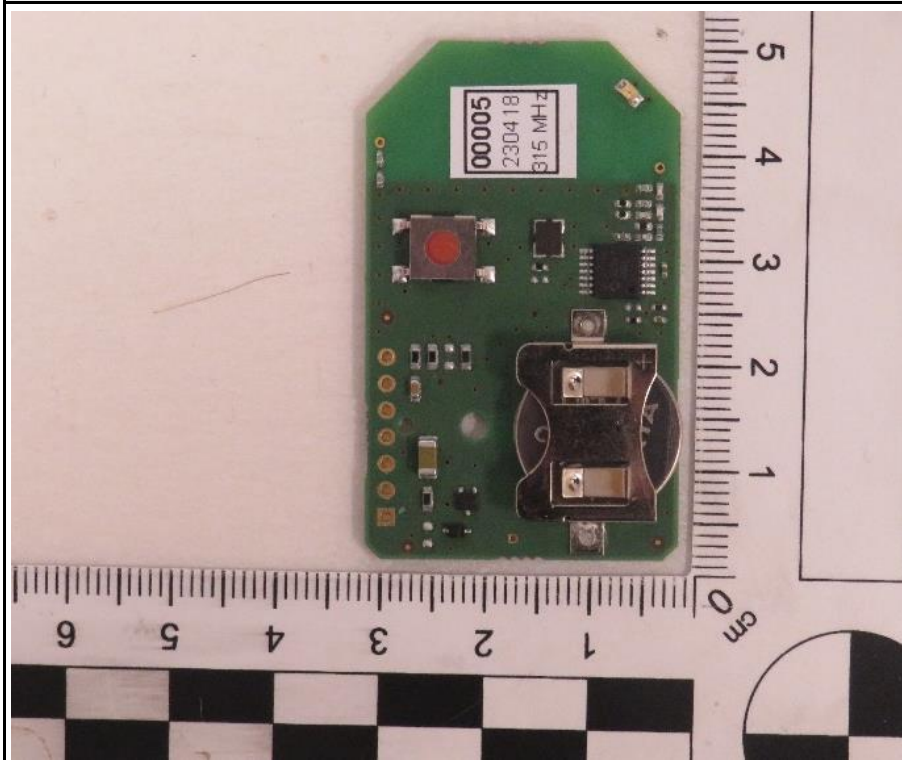
1.2 Equipment Photos – Internal

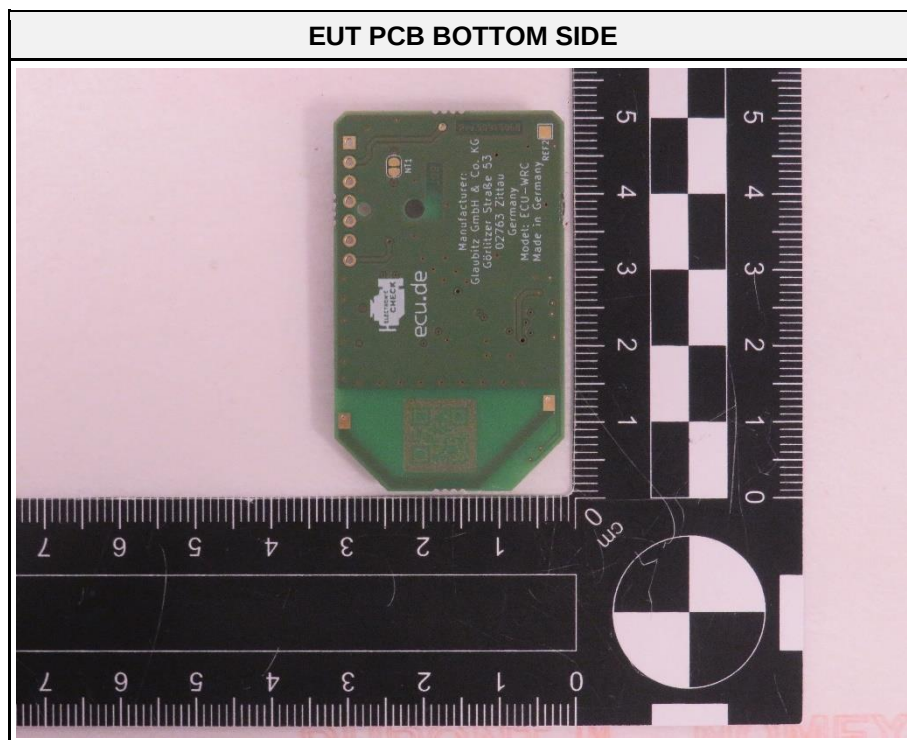


EUT 2 OPEN

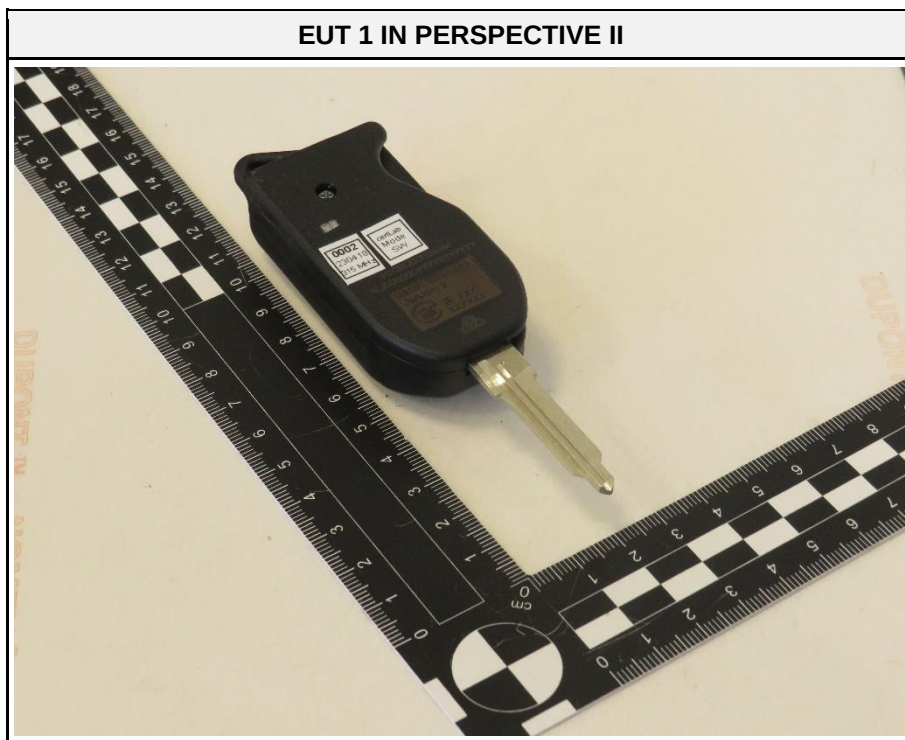
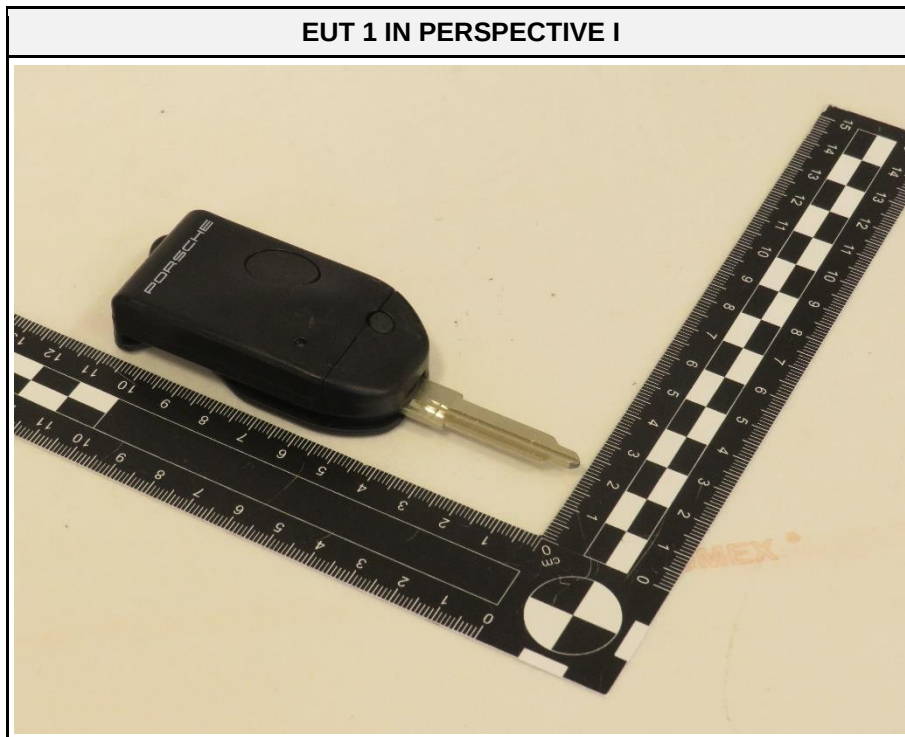


EUT 2 PCB TOP SIDE

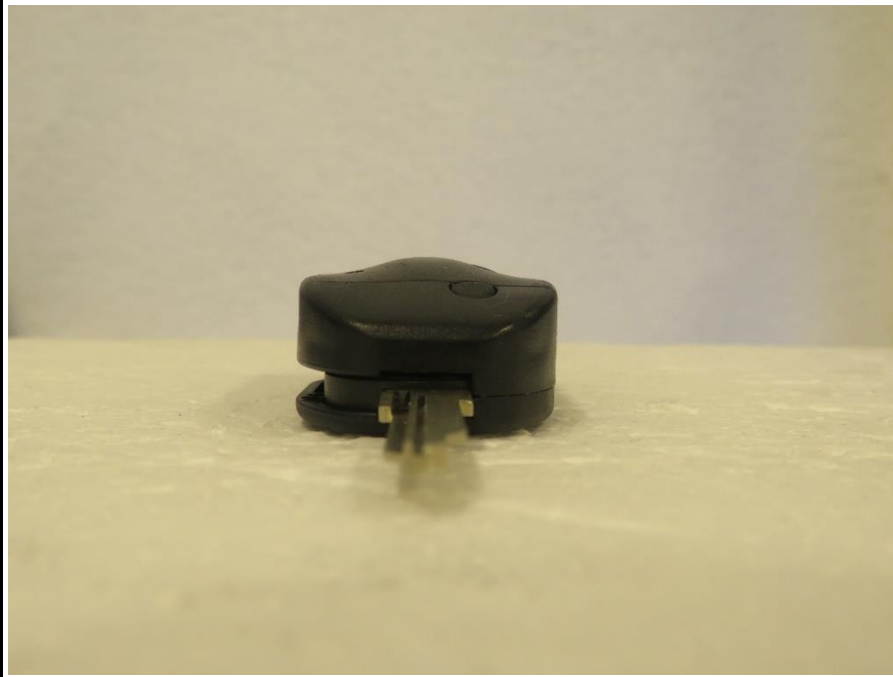




1.3 Equipment Photos - External



EUT 1 FRONT SIDE



EUT 1 REAR SIDE



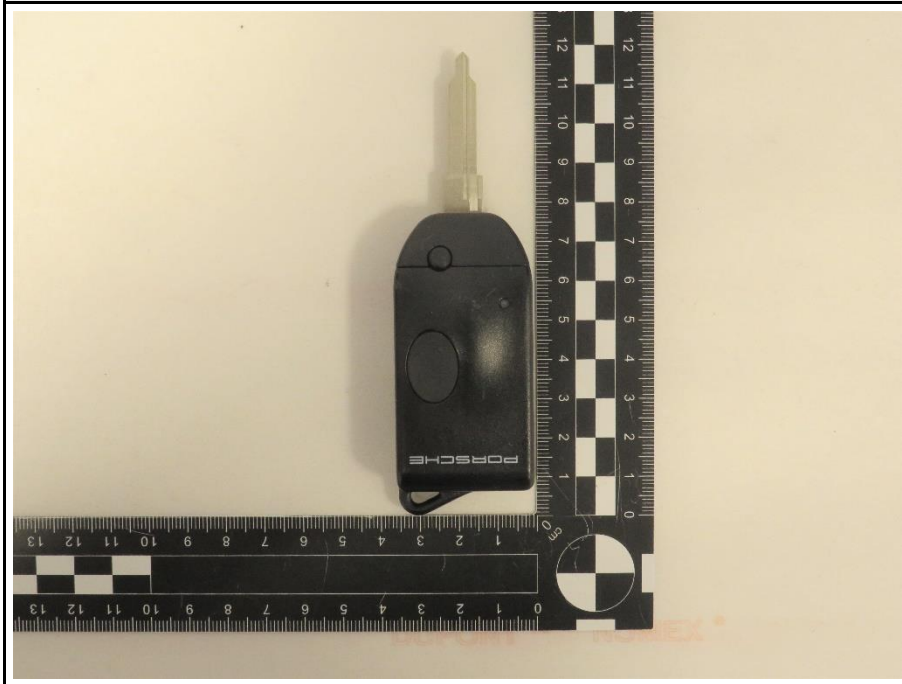
EUT 1 RIGHT SIDE



EUT 1 LEFT SIDE



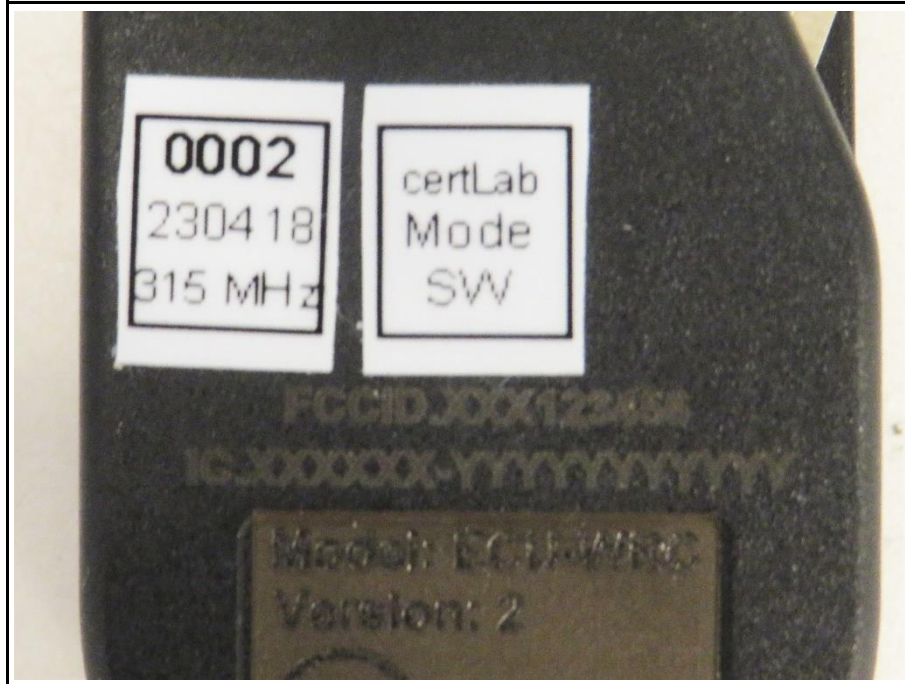
EUT 1 TOP SIDE



EUT 1 BOTTOM SIDE



EUT 1 LABEL



EUT 1 WITH ALL ACCESSORIES



EUT 2 IN PERSPECTIVE I



EUT 2 IN PERSPECTIVE II



EUT 2 FRONT SIDE



EUT 2 REAR SIDE



EUT 2 RIGHT SIDE



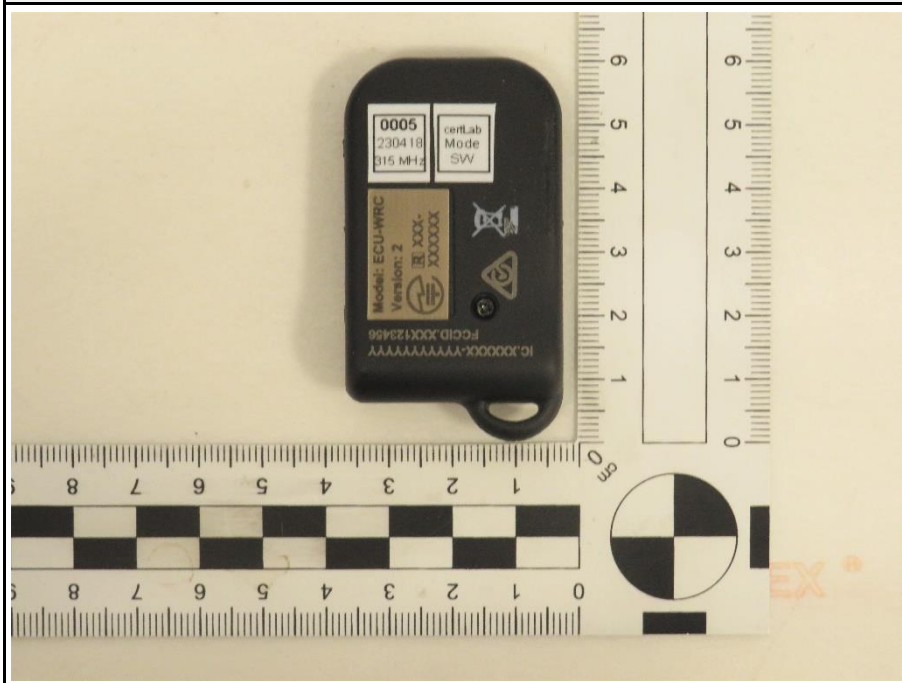
EUT 2 LEFT SIDE



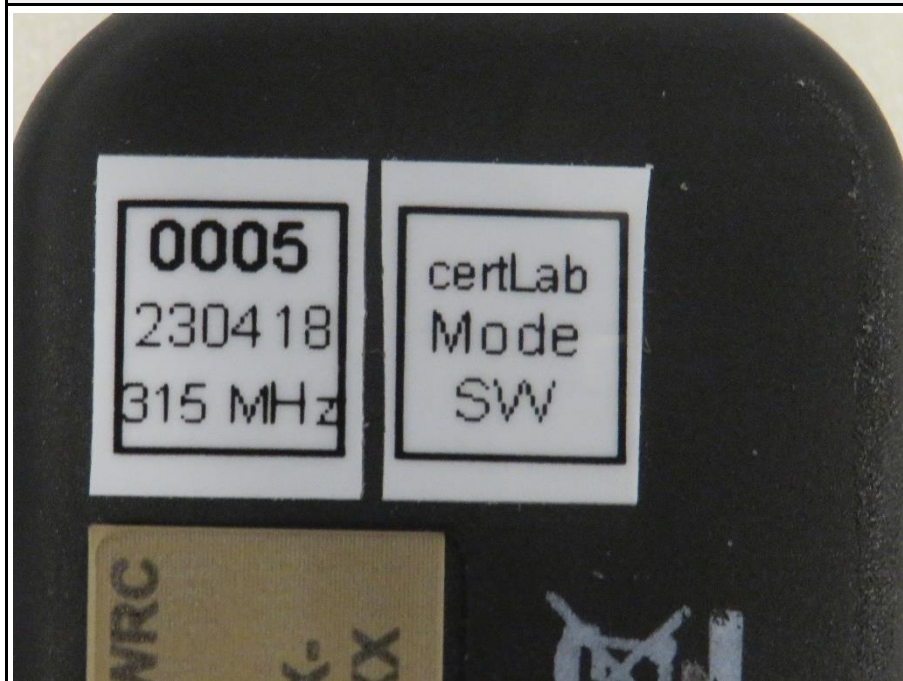
EUT 2 TOP SIDE



EUT 2 BOTTOM SIDE



EUT 2 LABEL



EUT 2 WITH ALL ACCESSORIES



EUT 1 & 2 BATTERY



1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
AE	Receiver	Glaubitz GmbH & Co.KG	315 MHz CertLab-Receiver	Customer Support Equipment
Description: Monitoring intentional (carrier only)				
AE	Auxiliary Equipment			
SIM	Simulator			
MON	Monitoring Equipment			
CBL	Connecting Cable			
Comment:				

1.5 Operational Modes

Mode #	Description
1	EUT sending every second data packages to Receiver via SRD connection (315 MHz). EUT is set in special EMC software mode: Selection by pressing the key three times. • Signaling by 3 short flashes of the led • after a break of 1 sec • The led flashes permanently with 530ms LED ON and 470ms LED OFF • A message is sent periodically every second according to standard protocol. • the transmitter is switched on permanently
2	EUT is in stand by no radio communication established. SRD: no unintentional responses.
Comment: --	

1.6 EUT Configuration

Configuration #	Description
1	EUT is powered via 3.0 V DC non rechargeable Lithium Battery.
Comment: --	

1.7 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyser in dBµV. Any external preamplifiers used are taken into account through internal analyser settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyser. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

$$\text{Reading on Analyser (dB}\mu\text{V)} + \text{A.F. (dB/m)} = \text{Net field strength (dB}\mu\text{V/m)}$$

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dBµV/m). The FCC limits are given in units of µV/m. The following formula is used to convert the units of µV/m to dBµV/m:

$$\text{Limit (dB}\mu\text{V/m)} = 20 \cdot \log(\mu\text{V/m})$$

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:

Reading + AF	= Net Reading	:	Net reading - FCC limit	= Margin
+21.5 dBµV + 26 dB/m	= 47.5 dBµV/m	:	47.5 dBµV/m - 57.0 dBµV/m	= -9.5 dB

2 Result Summary

Title 47 CFR Part 15B, ISED ICES-003 Issue 7				
Reference	Requirement	Reference Method	Result	Remarks
Emission				
FCC 15.109 ICES-003, 3.2.2	Radiated emissions	ANSI C63.4:2014 +A1:2017	PASS	--
Comment:				

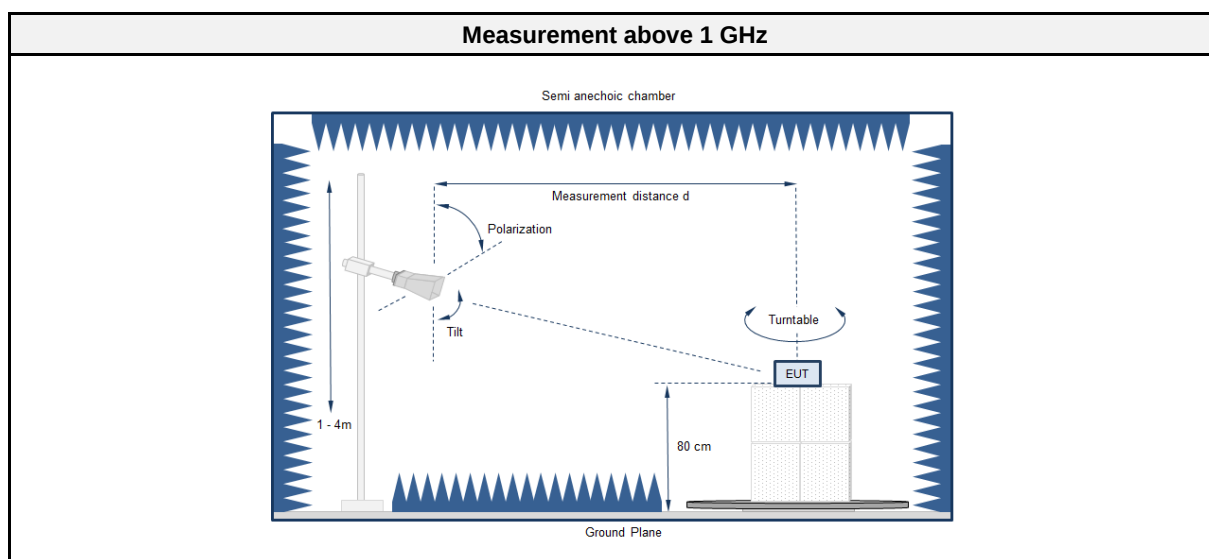
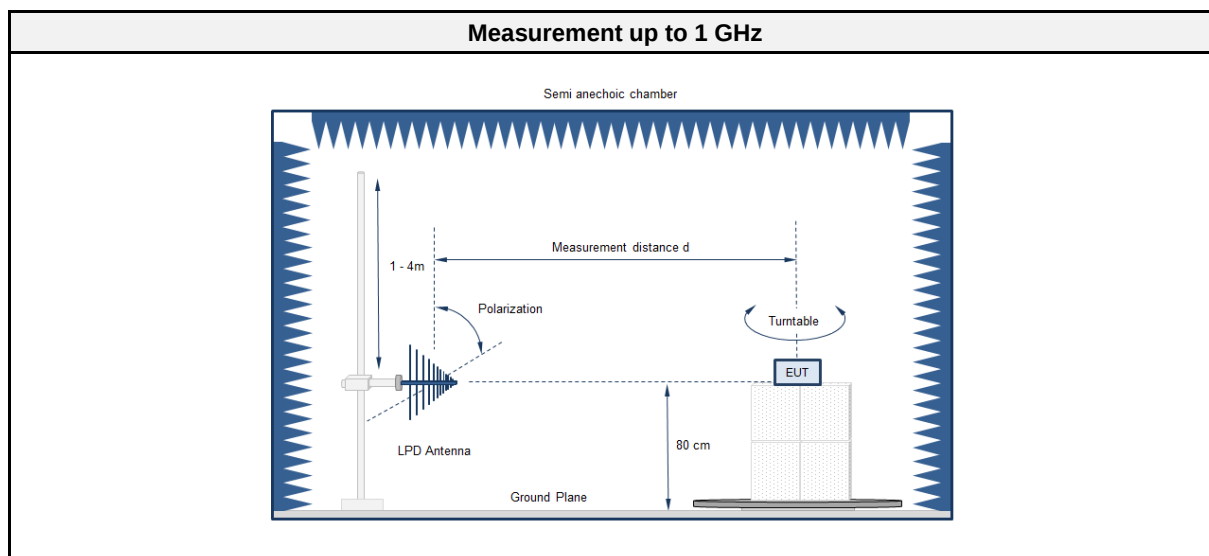
Possible Test Case Verdicts	
PASS	Test object does meet the requirements
FAIL	Test object does not meet the requirements
N/T	Required by standard but not tested
N/R	Not required by standard for the test object

2.1 Test Conditions and Results - Radiated emissions acc. to ANSI C63.4

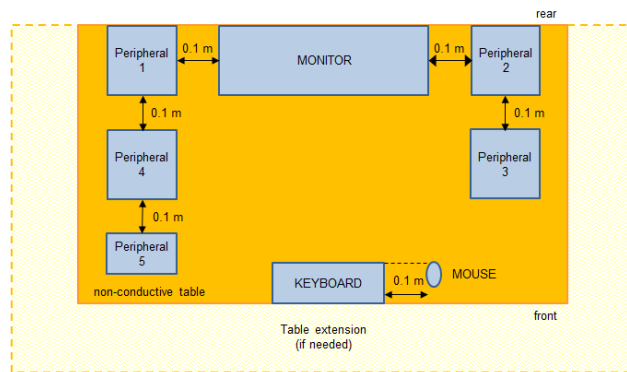
2.1.1 Information

Test Information	
Reference	FCC 15.109, ICES-003, 3.2.2
Reference method	ANSI C63.4:2014+A1:2017 Section 8
Equipment class	Class B
Equipment type	Tabletop
Highest internal frequency [MHz]	315
Measurement range	30 MHz to 2 GHz
Temperature [°C]	23 -- 25
Humidity [%]	44 -- 46
Operator	Mounir Marea supervised by Matthias Handrik
Date	2023-08-28 to 2023-09-01
EUT #	EUT 1 / EUT 2

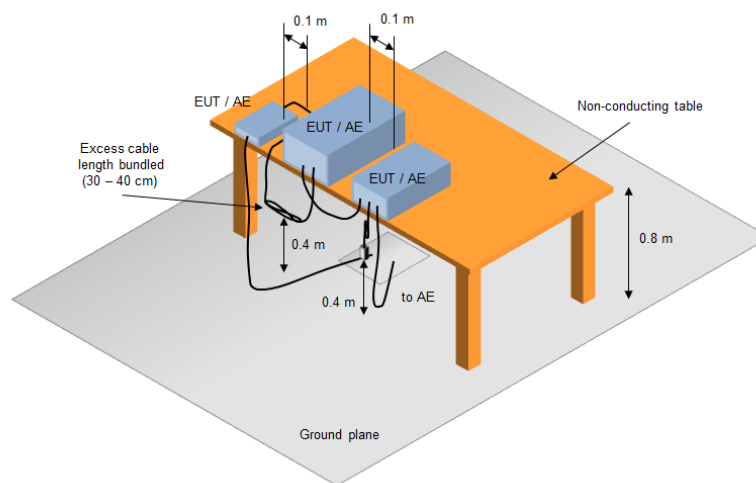
2.1.2 Setup Table top:



Equipment placement - Table top



Test Setup



2.1.3 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	Radimation	2020.1.8

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic chamber (NSA)	Frankonia	AC1	EF00062	2022-11	2025-11
Anechoic chamber (SVSWR)	Frankonia	AC 1	EF01011	2022-11	2023-11
Programmable AC Source	Chroma ATE Inc.	61604	EF01068	2023-08	2025-08
EMI Test Receiver	Keysight	N9038A-526/WXP	EF01070	2023-02	2024-02
Climatic Sensor	Embedded Data Systems, LLC.	280010000025417E	EF01054	2023-07	2024-07
Horn antenna	Schwarzbeck	BBHA 9120D	EF01561	2021-11	2024-11
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	EF01824	2022-10	2023-10

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic chamber (NSA)	Frankonia	AC6	EF00910	2021-07	2024-07
Anechoic chamber (SVSWR)	Frankonia	AC6	EF00899	2022-10	2025-10
EMI Test Receiver	R&S	ESU26	EF00887	2023-08	2024-08
TRILOG Broadband Antenna	Schwarzbeck	VULB 9162	EF00978	2022-11	2025-11
Horn Antenna	ETS-Lindgren	3117	EF00976	2022-03	2025-03
Climatic Sensor	Embedded Data Systems, LLC.	280010000025417E	EF01054	2023-07	2024-07

2.1.4 Procedure

Exploratory measurement Table top	
1.	The EUT was placed on a non-conductive table at a height of 0.8m.
2.	The EUT and support equipment, if needed, were set up to simulate typical usage.
3.	Cables, of type and length specified by the manufacturer, were connected to at least one port of each type and were terminated by a device or simulating load of actual usage.
4.	The antenna was placed at a distance of 3 or 10 m.
5.	The received signal was monitored at the measurement receiver.
6.	This procedure has to be performed in both antenna polarizations, horizontal and vertical.
7.	The arrangement of the equipment with the maximum emission level is shown on the setup picture at item 2.1.2

Final measurement 3m/10m Table top	
1.	The EUT was placed on a 0.8 m non-conductive table at a 3 or 10 m distance from the receive antenna. The antenna output was connected to the measurement receiver.
2.	A broadband hybrid antenna was used for the frequency range 30 – 1000 MHz. Above one 1 GHz a Double Ridged Broadband Horn antenna was used. The antenna was placed on an adjustable height antenna mast. If required, in the range 1- 18 GHz a Double Ridged Broadband Horn antenna, in the range 18 – 40 GHz a High Gain / Standard Gain Horn was used. The antenna was placed on an adjustable height antenna mast.
3.	The EUT and cable arrangement were based on the exploratory measurement results.
4.	Emissions were maximized at each frequency by rotating the EUT and adjusting the receive antenna height and polarization. The maximum values were recorded.
5.	The test data of the worst-case conditions were recorded and shown on the next pages.

2.1.5 Limits

Class B @ 3 m		
Frequency [MHz]	Detector	Limit [dBμV/m]
30 - 88	Quasi-peak	40
88 - 216	Quasi-peak	43.5
216 - 960	Quasi-peak	46
960 - 1000	Quasi-peak	54
> 1000	Peak	74
	Average	54

2.1.6 Results

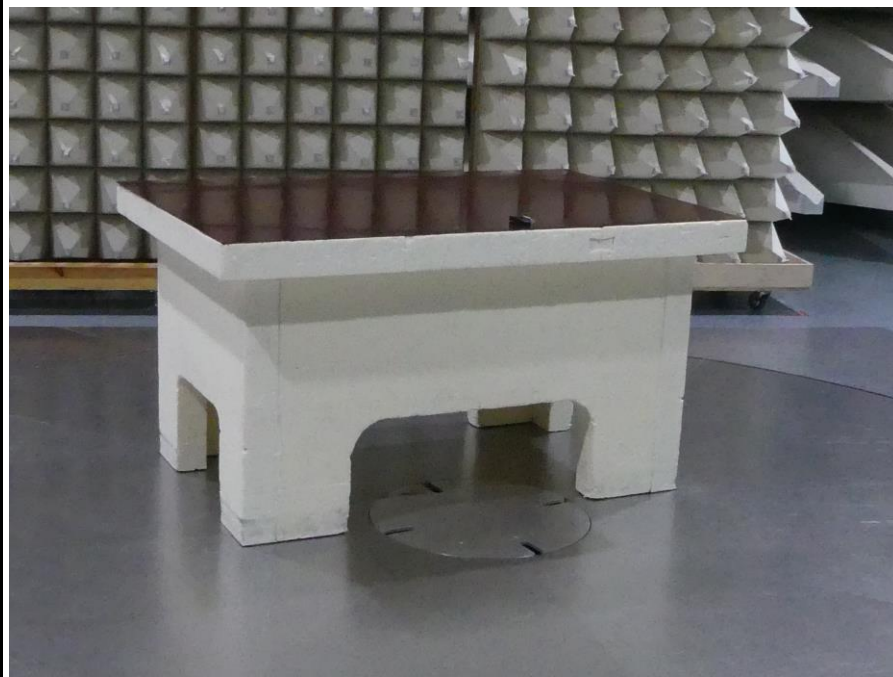
Test Results			
Operational mode	EUT Configuration	Verdict	Remark
1	1	PASS	EUT 1

Test Results			
Operational mode	EUT Configuration	Verdict	Remark
1	1	PASS	EUT 2

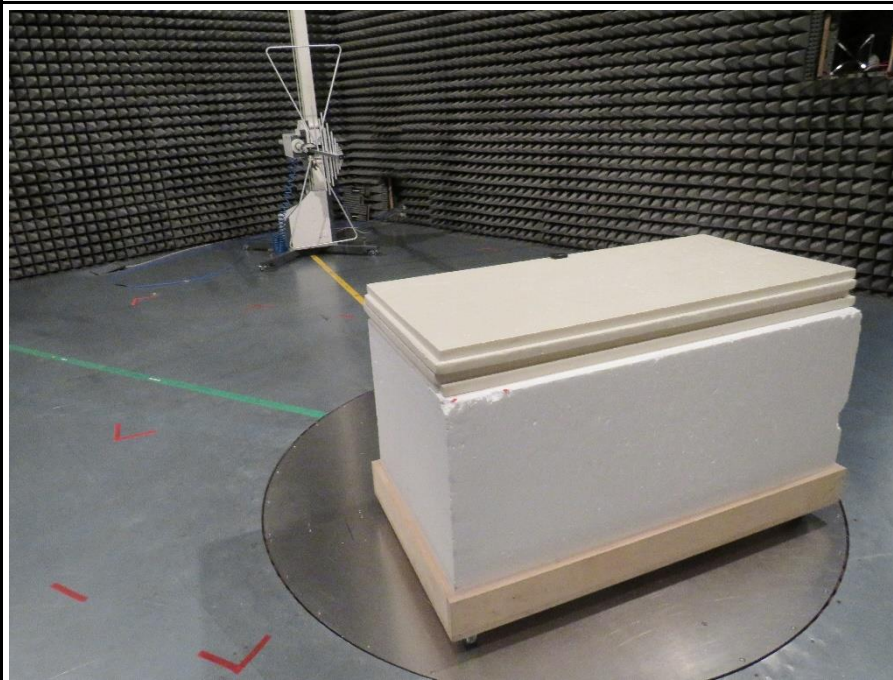
2.1.7 Setup Photos



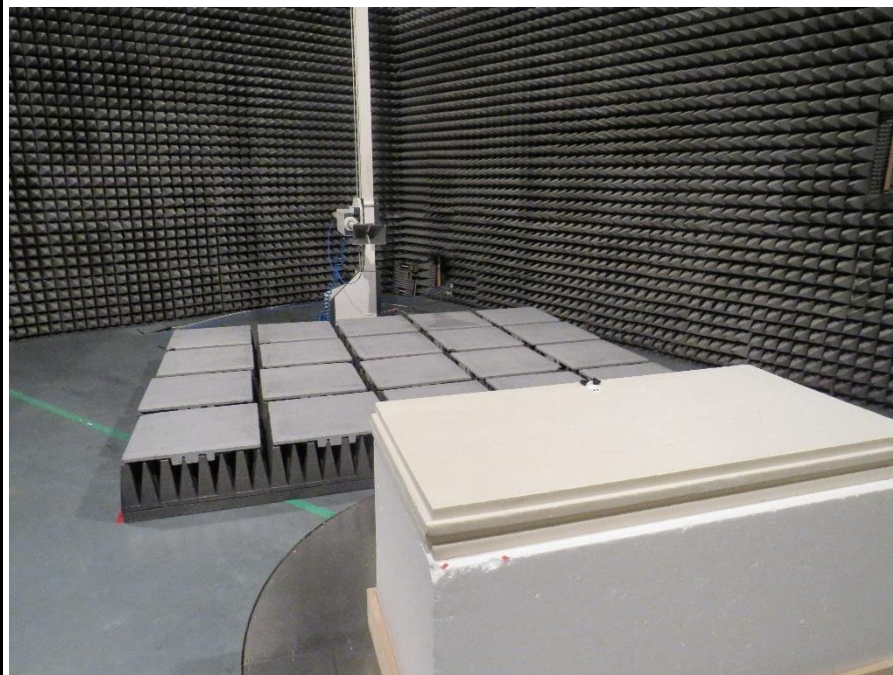
TEST SETUP EUT 1 AC6 – FOCUS



TEST SETUP EUT 2 AC1 – 30 MHz to 1000 MHz



TEST SETUP EUT 2 AC1 – 1000MHz to 2000MHz



TEST SETUP EUT 2 AC1 – FOCUS



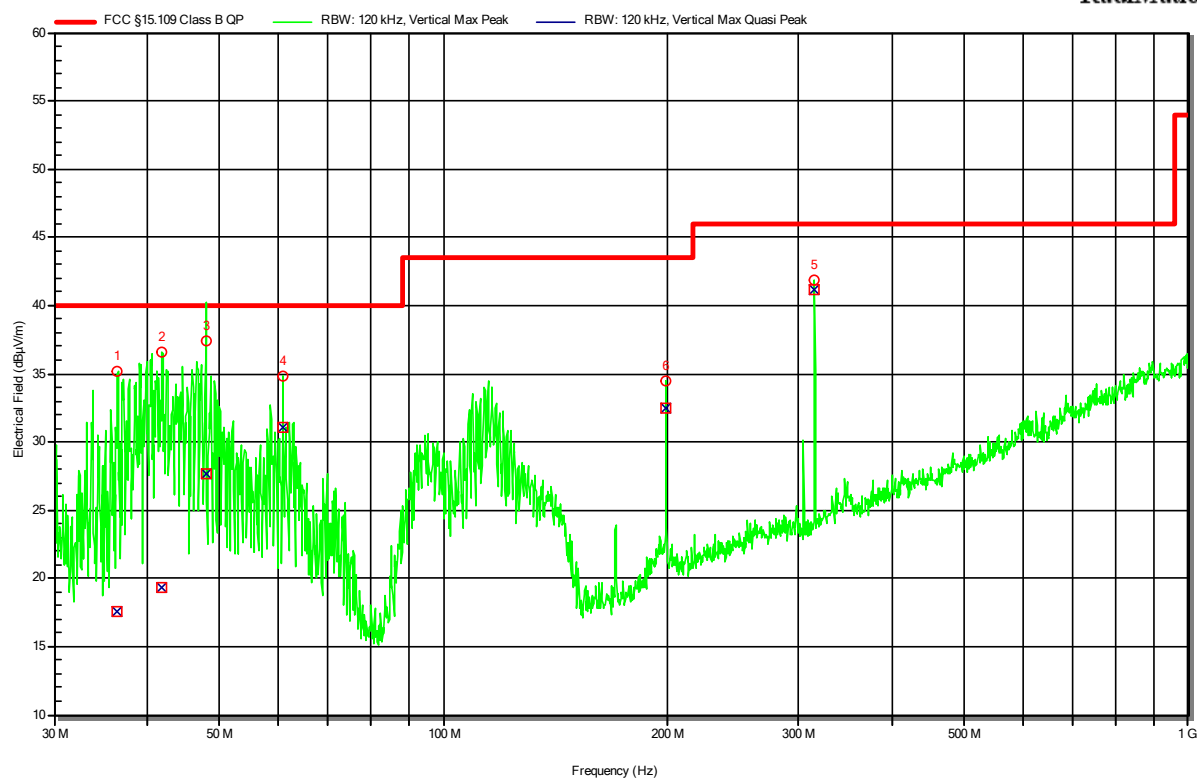
2.1.8 Records

**Radiated emissions
according to FCC 15B**

Project Number: G0M-2301-1843
 Applicant: Glaubitz GmbH & Co.KG
 Model Description: Wireless Remote Control
 Model: ECU-WRC-WK
 Test Sample ID: 44568
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Mounir Marea
 Test Date: 2023-08-28
 Operating Conditions: ambient temperature: 23 °Celsius
 power input: Battery 3 V DC
 Antenna: Schwarzbeck VULB 9168, Vertical
 Measurement Distance: 10 m converted to 3m
 Operational Mode: 1
 EUT Configuration: 1
 Note 1: --

Index 11

Radiation



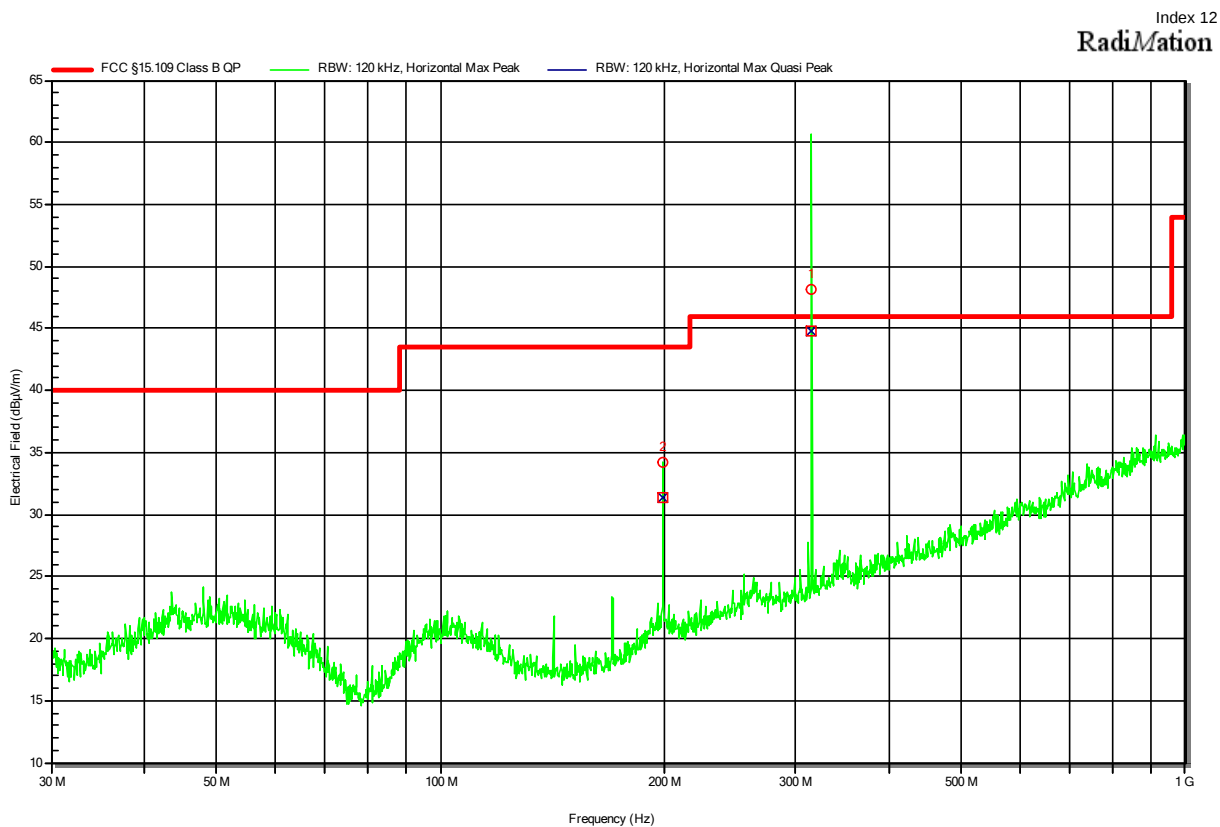
Peak Number	Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Angle	Height
1	36.54 MHz	17.5 dBµV/m	40 dBµV/m	-22.5 dB	Pass	0 degrees	1 m
2	41.88 MHz	19.3 dBµV/m	40 dBµV/m	-20.7 dB	Pass	0 degrees	1 m
3	47.94 MHz	27.7 dBµV/m	40 dBµV/m	-12.3 dB	Pass	0 degrees	1 m
4	60.84 MHz	31.1 dBµV/m	40 dBµV/m	-8.9 dB	Pass	0 degrees	1 m
5	315.06 MHz	SRD-Carrier					
6	198.6 MHz	32.4 dBµV/m	43.5 dBµV/m	-11.1 dB	Pass	0 degrees	1 m

Test Report No.: G0M-2301-1843-EF0115B-V02

Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated emissions according to FCC 15B

Project Number: G0M-2301-1843
 Applicant: Glaubitz GmbH & Co.KG
 Model Description: Wireless Remote Control
 Model: ECU-WRC-WK
 Test Sample ID: 44568
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Mounir Marea
 Test Date: 2023-08-28
 Operating Conditions: ambient temperature: 23 °Celsius
 power input: Battery 3 V DC
 Antenna: Schwarzbeck VULB 9168, Horizontal
 Measurement Distance: 10 m converted to 3m
 Operational Mode: 1
 EUT Configuration: 1
 Note 1: --

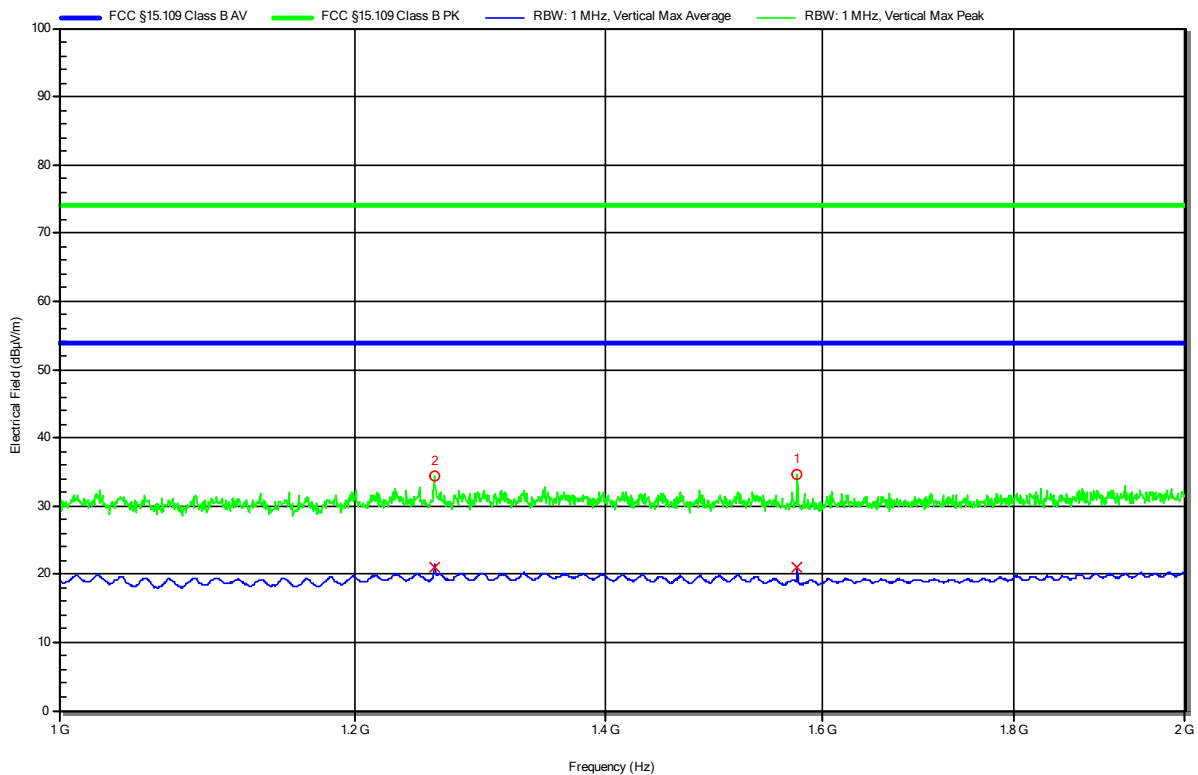


Radiated emissions according to FCC 15B

Project Number: G0M-2301-1843
 Applicant: Glaubitz GmbH & Co.KG
 Model Description: Wireless Remote Control
 Model: ECU-WRC-WK
 Test Sample ID: 44568
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Mounir Marea
 Test Date: 2023-08-28
 Operating Conditions: ambient temperature: 23 °Celsius
 power input: Battery 3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement Distance: 3 m
 Operational Mode & EUT Configuration: 1
 Note 1:

Index 8

RadiMation



Peak Number	Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Angle	Height
1	1.575 GHz	34.7 dBµV/m	74 dBµV/m	-39.3 dB	Pass	0 degrees	1 m
2	1.26 GHz	34.4 dBµV/m	74 dBµV/m	-39.6 dB	Pass	0 degrees	1 m

Peak Number	Frequency	Angle	Height
1	1.575 GHz	0 degrees	1 m
2	1.26 GHz	0 degrees	1 m

Peak Number	Frequency	Average	Average Limit	Average Difference	Average Status	Angle	Height
1	1.575 GHz	20.9 dBµV/m	54 dBµV/m	-33.1 dB	Pass	0 degrees	1 m
2	1.26 GHz	21 dBµV/m	54 dBµV/m	-32.9 dB	Pass	0 degrees	1 m

Test Report No.: G0M-2301-1843-EF0115B-V02

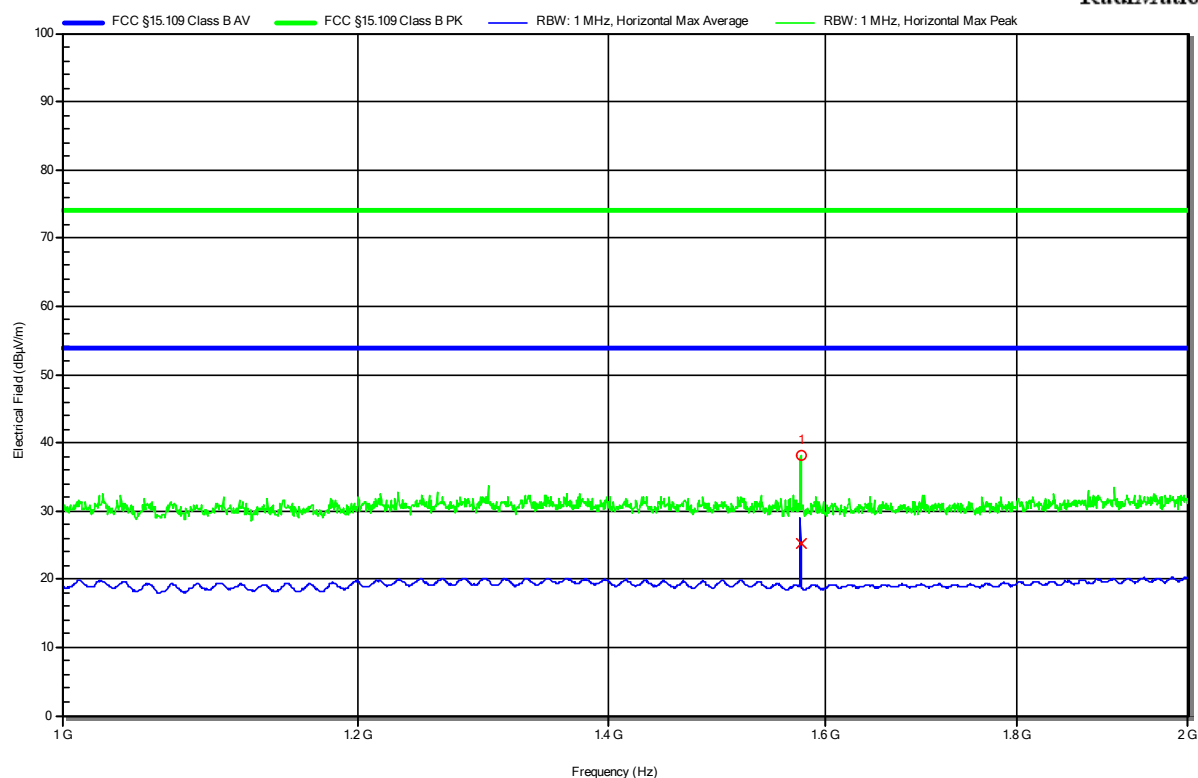
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated emissions according to FCC 15B

Project Number: G0M-2301-1843
 Applicant: Glaubitz GmbH & Co.KG
 Model Description: Wireless Remote Control
 Model: ECU-WRC-WK
 Test Sample ID: 44568
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Mounir Marea
 Test Date: 2023-08-28
 Operating Conditions: ambient temperature: 23 °Celsius
 power input: Battery 3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement Distance: 3 m
 Operational Mode & EUT Configuration: 1
 Note 1:

Index 7

Radiation



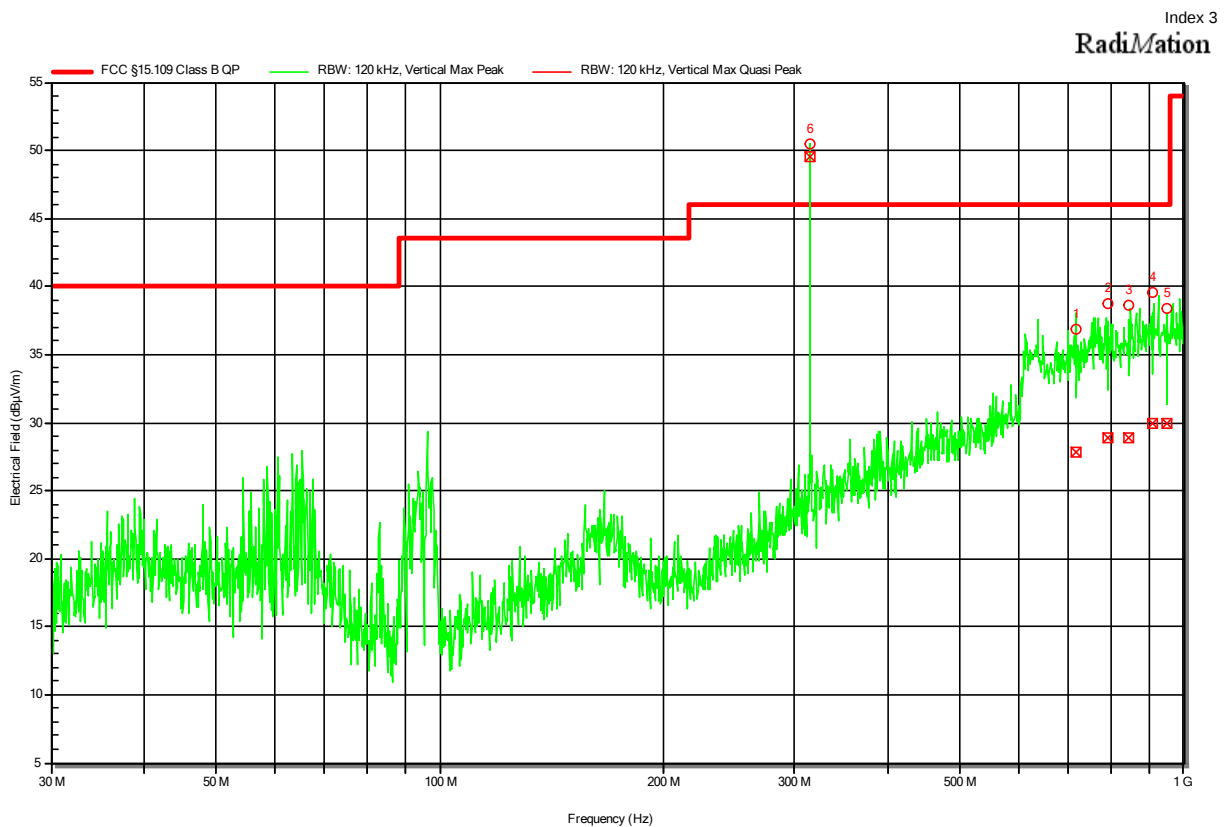
Peak Number	Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Angle	Height
1	1.576 GHz	38.2 dBµV/m	74 dBµV/m	-35.7 dB	Pass	0 degrees	1 m
Peak Number	Frequency	Average	Average Limit	Average Difference	Average Status	Angle	Height
1	1.576 GHz	25.2 dBµV/m	54 dBµV/m	-28.8 dB	Pass	0 degrees	1 m

Test Report No.: G0M-2301-1843-EF0115B-V02

Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Radiated emissions
according to FCC part 15B**

Project Number: G0M-2301-1843
 Applicant: Glaubitz GmbH & Co.KG
 Model Description: Wireless Remote Control
 Model: ECU-WRC-WOK
 Test Sample ID: 44569
 Test Site: Eurofins Product Service GmbH
 Operator: M. Marea
 Test Date: 2023-09-01
 Operating Conditions: ambient temperature: 23 °Celsius
 power input: 3 V DC
 Antenna: Schwarzbeck VULB 9168, Vertical
 Measurement Distance: 3 m
 Operational Mode: 1
 EUT Configuration: 1
 Note 1: --



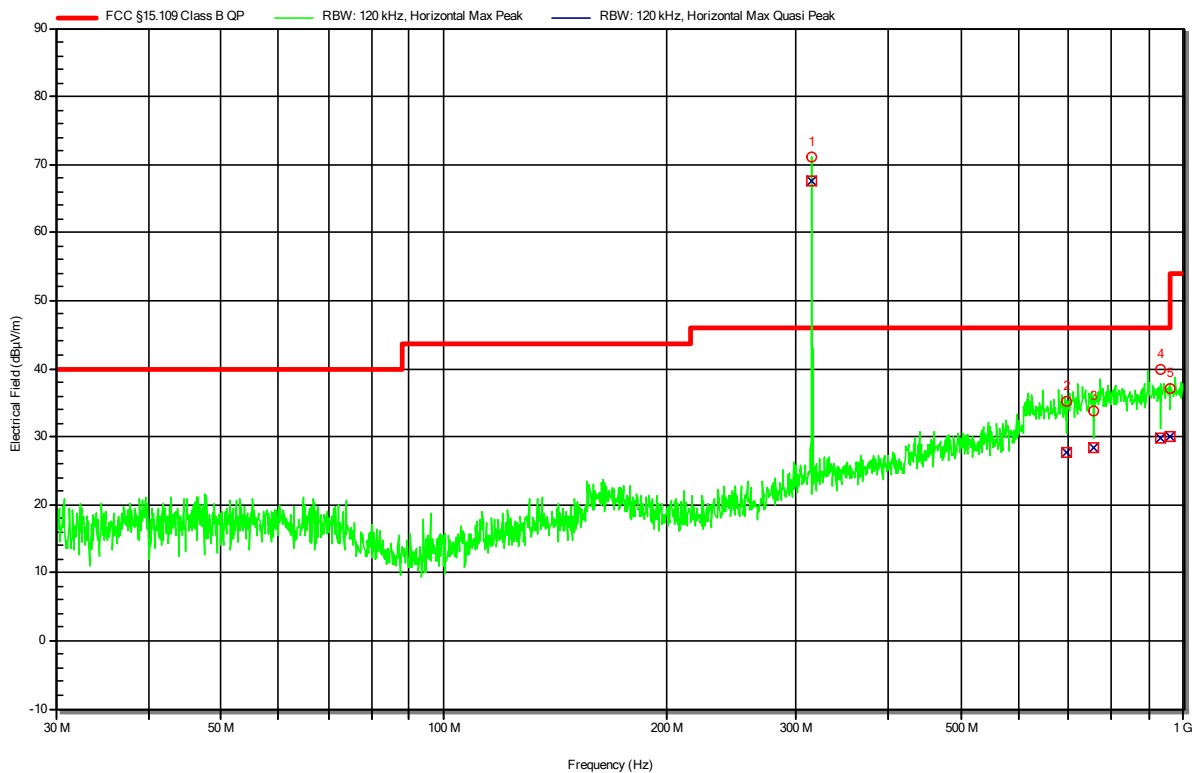
Peak Number	Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Angle	Height
1	718.366 MHz	27.78 dBµV/m	46.02 dBµV/m	-18.24 dB	Pass	90 degrees	2 m
2	789.284 MHz	28.84 dBµV/m	46.02 dBµV/m	-17.18 dB	Pass	90 degrees	2 m
3	844.963 MHz	28.9 dBµV/m	46.02 dBµV/m	-17.12 dB	Pass	90 degrees	2 m
4	906.582 MHz	29.97 dBµV/m	46.02 dBµV/m	-16.05 dB	Pass	90 degrees	2 m
5	948.581 MHz	29.89 dBµV/m	46.02 dBµV/m	-16.13 dB	Pass	90 degrees	2 m
6	315.05 MHz	SRD-Carrier					

**Radiated emissions
according to FCC part 15B**

Project Number: G0M-2301-1843
 Applicant: Glaubitz GmbH & Co.KG
 Model Description: Wireless Remote Control
 Model: ECU-WRC-WOK
 Test Sample ID: 44569
 Test Site: Eurofins Product Service GmbH
 Operator: M. Marea
 Test Date: 2023-09-01
 Operating Conditions: ambient temperature: 23 °Celsius
 power input: 3 V DC
 Antenna: Schwarzbeck VULB 9168, Horizontal
 Measurement Distance: 3 m
 Operational Mode: 1
 EUT Configuration: 1
 Note 1: --

Index 4

RadiMation



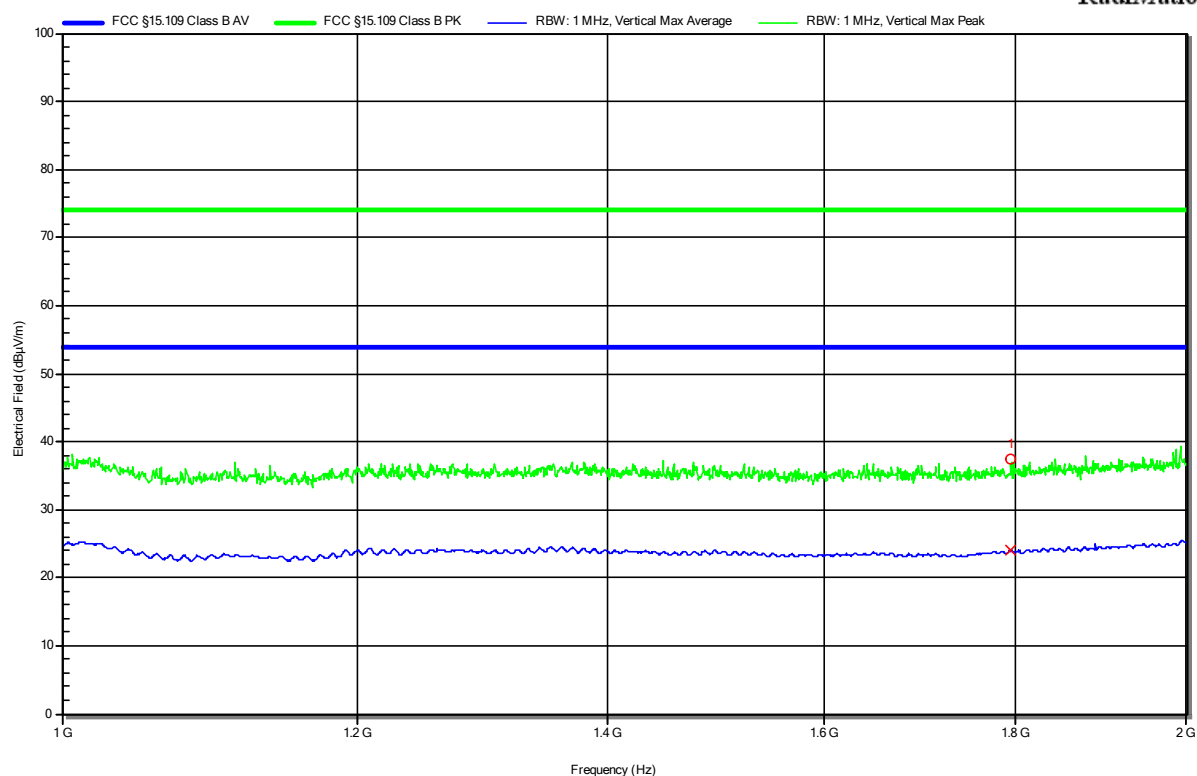
Peak Number	Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Angle	Height
1	315.048 MHz	SRD-Carrier					
2	695.332 MHz	27.76 dBμV/m	46.02 dBμV/m	-18.26 dB	Pass	-90 degrees	1 m
3	755.595 MHz	28.48 dBμV/m	46.02 dBμV/m	-17.54 dB	Pass	-90 degrees	1 m
4	930.881 MHz	29.88 dBμV/m	46.02 dBμV/m	-16.14 dB	Pass	-90 degrees	1 m
5	957.791 MHz	30.04 dBμV/m	46.02 dBμV/m	-15.98 dB	Pass	-90 degrees	1 m

Radiated emissions according to FCC part 15B

Project Number: G0M-2301-1843
Applicant: Glaubitz GmbH & Co.KG
Model Description: Wireless Remote Control
Model: ECU-WRC-WOK
Test Sample ID: 44569
Test Site: Eurofins Product Service GmbH
Operator: M. Marea
Test Date: 2023-09-01
Operating Conditions: ambient temperature: 23 °Celsius
power input: 3 V DC
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement Distance: 3 m
Operational Mode: 1
EUT Configuration: 1
Note 1: --

Index 5

RadiMation



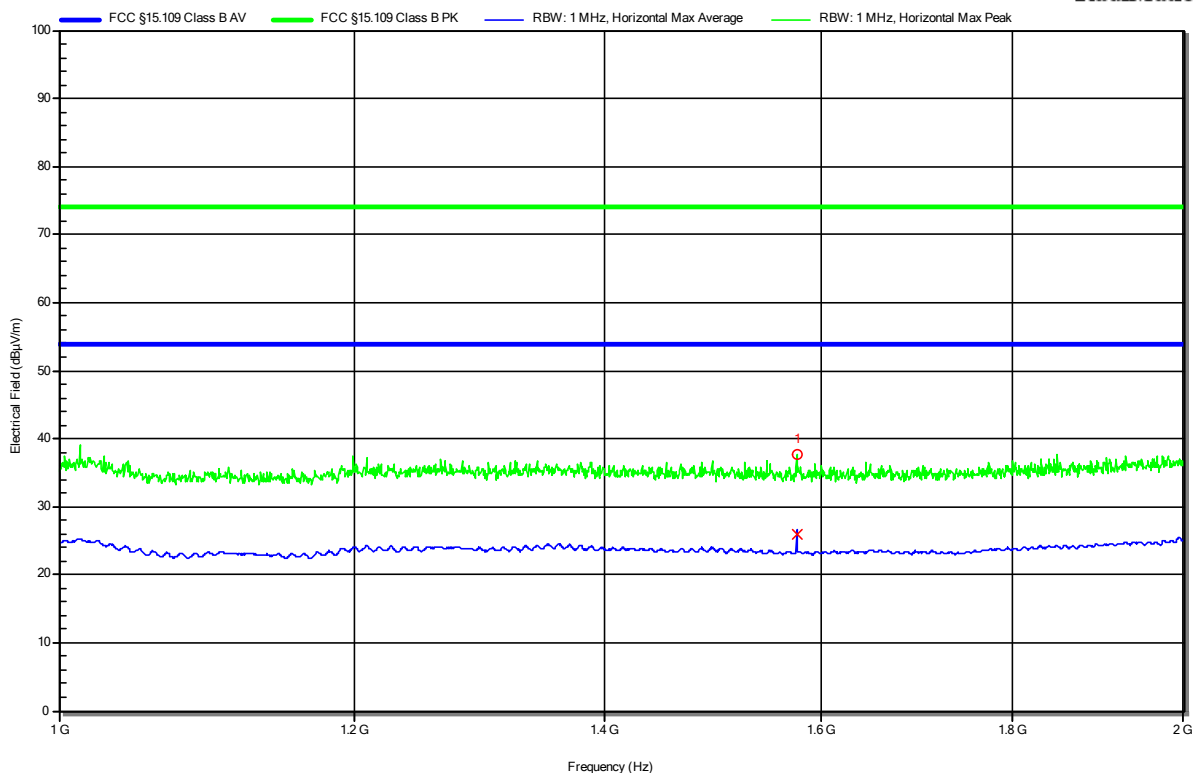
Peak Number	Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Angle	Height
1	1.795 GHz	37.39 dBµV/m	73.98 dBµV/m	-36.59 dB	Pass	180 degrees	2 m
Peak Number	Frequency	Average	Average Limit	Average Difference	Average Status	Angle	Height
1	1.795 GHz	23.96 dBµV/m	53.98 dBµV/m	-30.02 dB	Pass	180 degrees	2 m

**Radiated emissions
according to FCC part 15B**

Project Number: G0M-2301-1843
 Applicant: Glaubitz GmbH & Co.KG
 Model Description: Wireless Remote Control
 Model: ECU-WRC-WOK
 Test Sample ID: 44569
 Test Site: Eurofins Product Service GmbH
 Operator: M. Marea
 Test Date: 2023-09-01
 Operating Conditions: ambient temperature: 23 °Celsius
 power input: 3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement Distance: 3 m
 Operational Mode: 1
 EUT Configuration: 1
 Note 1: --

Index 6

RadiMation



Peak Number	Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Angle	Height
1	1.576 GHz	37.66 dBμV/m	73.98 dBμV/m	-36.32 dB	Pass	180 degrees	1.5 m
Peak Number	Frequency	Average	Average Limit	Average Difference	Average Status	Angle	Height
1	1.576 GHz	26.05 dBμV/m	53.98 dBμV/m	-27.93 dB	Pass	180 degrees	1.5 m

3 Measurement Uncertainty

All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95%, with a coverage factor of 2.

Test Name	Measurement Uncertainty
Radiated Emission	30 MHz to 1 GHz @ 10 m, 6.25 dB 1 GHz to 2 GHz @ 3 m, 4.86 dB