

Prüfbericht-Nr.: <i>Test report no.:</i>	DE2442JI 002	Auftrags-Nr.: <i>Order no.:</i>	1173868 20	Seite 1 von 16 Page 1 of 16
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	0764423	Auftragsdatum: <i>Order date:</i>	2024-07-29	
Auftraggeber: <i>Client:</i>	Rimac Technology d.o.o., Ljubljanska 7, 10431 Sveta Nedelja, Croatia			
Prüfgegenstand: <i>Test item:</i>	Automotive use Infotainment Control Unit			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	RIM_03_N			
Auftrags-Inhalt: <i>Order content:</i>	Prüfung der Funkparameter nach FCC & ISED <i>Test of radio parameters acc. to FCC & ISED</i>			
Prüfgrundlage: <i>Test specification:</i>	Vollprüfung / Complete test RF exposure evaluation acc. to FCC CFR 47 Part 15 Subpart C §15.247 (i) and Subpart E §15.407 (f) acc. to RSS-102 issue 6			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2024-03-12	For reasons of confidentiality, no photos of the EUT are included in this report. For EUT and test setup photos please see the Photo Documentation to this report Number.		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003673876-001 to 009			
Prüfzeitraum: <i>Testing period:</i>	2024-03-11 - 2024-03-21			
Ort der Prüfung: <i>Place of testing:</i>	Nürnberg Nuremberg			
Prüflaboratorium: <i>Testing laboratory:</i>	Wireless Labor Wireless Test Lab			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	 X	7/30/2025	genehmigt von: <i>authorized by:</i>	 X
Datum: <i>Date:</i>	Signed by: Shrivas Naikar		Ausstellungsdatum: <i>Issue date:</i>	31.07.2025 Signiert von: Matthias Kraeutlein
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / <i>Other:</i>	USA/FCC: C2PC filing for adding new host system. Canada /ISED: C4PC filing for adding new host system. Host device integrated with FCC & IC certificate radio module.			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
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Anmerkungen Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system.</i> <i>Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2023, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>
5	Wenn auf dem Bericht kein Akkreditierungshinweis aufgebracht ist, wurde der Bericht nicht im akkreditierten Bereich erstellt und ist folglich auch nicht vom EA MLA abgedeckt. Unabhängig davon wurde der Bericht auf Basis der allgemeinen Regeln der ISO/IEC 17000er Reihe erstellt. Mit "#" gekennzeichnete Prüfungen sind nicht Bestandteil der Akkreditierung D-PL-14169-03-00. <i>If there is no accreditation notice on the report, the report has not been produced in the accredited area and is consequently not covered by the EA MLA. Regardless of this, the report has been prepared based on the general rules of the ISO/IEC 17000 series. Tests marked with "#" are not covered by the accreditation D-PL-14169-03-00.</i>

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Produktbeschreibung
Product description

1	Test item	Automotive use Infotainment Control Unit	
2	Typ-No.	RIM_03_N	
3	Identical type number	APF_03_N	
4	Test sample obtaining	☒ Sampling by customer ☐ Sampling by TÜV Rheinland Group ☐ others:	
5	Serial-No.	B400682409239	
6	Supported radio technologies evaluated in this report	BLE, Wi-Fi 2.4GHz, Wi-Fi 5GHz, UMTS and LTE	
7	Description of EUT	ICU drives 3 display outputs. Includes 2 USB ports, 1000BASE-T1 port, 10G Ethernet port, LTE modem, BLE/Wi-Fi and GNSS connectivity. FM Radio.	
8	Max RF output power (measured) Refer to the module report	Bluetooth Low Energy	8.0 dBm at 2402MHz
		WLAN 2.4GHz	18.5 dBm at 2437MHz
		WLAN 5GHz	20.4 dBm at 5300MHz
		UMTS	22.4(Average) dBm at 846.6MHz band 5
		LTE	24.56(RMS) dBm at 1732.5MHz band 4
9	Operating Frequency (declared)	Refer to the module Report or FCC ID	
10	Channel Bandwidth (declared)	Refer to the module Report or FCC ID	
11	Number of Channels	Refer to the module Report or FCC ID	
12	Modulation	Refer to the module Report or FCC ID	
13	Rated Voltage / Frequency	14.4V DC/Battery operated	
14	FCC-ID (Radio module)	2BO5X-ICU3018151	Bluetooth and Wi-Fi
		XPYTOBYL200	UMTS, LTE
15	IC (Radio module)	28731-ICU3018151	Bluetooth and Wi-Fi
		8595A-TOBYL200	UMTS, LTE
16	Antenna Name	2JF01 02P (BT/WiFi), 2J52 24P (LTE/WCDMA)	
17	Antenna Type	☐ Integral antenna (designed as a fixed part of the EUT) ☐ Dedicated antenna (removable, obligation to be used) ☒ Permanent antenna connector	
18	Antenna number of chains	Bluetooth Classic/LE	1
		WLAN 2.4GHz	1
		WLAN 5GHz	2
		WCDMA	1
		LTE	1
19	Antenna Gain (declared)	Refer to the antenna datasheet	
20	Software / Firmware	v6.0.0	
21	Hardware	ICU_3xx Series Base Board EMI v1.1.0 (P/N: S004213767-1.1), ICU_3xx Series Extension Board EMI Test 4 NA v1.0.1 (P/N: S004691875-1.1)	
22	Provided Samples	A003673876-001 to 009	
23	Radiated measurements sample	A003673876-003	
24	Companion Device used for radio connection with the EUT	EUT in Test Mode. Therefore, no Companion Device was used.	
25	Auxiliary equipment used to set up the EUT	N/A	
26	Accessory Devices used together with the EUT	The customer's laptop was used for the radio configuration	

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Produktbeschreibung
Product description

27	Data Cable	Main DUT harness providing power supply and RS-232 communication for debug and control
28	I/O Ports	Power input, RS-232 interface
29	Temperature Range	-40°C to +70°C
30	Environment	Indoor and Outdoor

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1 Registration

The measurement facilities for conducted and radiated disturbance measurements of the TÜV Rheinland LGA Products have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules. Measurement data will be accepted in conjunction with applications for Certification under Parts 15 and 18 of the Commission's Rules.

FCC Registration Number: 939976

Bundesnetzagentur Registration Number: BNetzA-CAB-17/21-16

The measurement facilities are also recognized by Innovation, Science and Economic Development (ISED) Canada to test to Canadian radio equipment requirements.

Company Number: 11235A

CAB Identifier: DE0018

2 EUT Classification

2.1 Wireless technologies and frequencies supported by the EUT.

Technology	Frequency Range (TX)	TX Function	Supported by the EUT	Evaluated in this report
Bluetooth Classic	2400 – 2483.5 MHz	SISO	☐	☐
Bluetooth Low Energy	2400 – 2483.5 MHz	SISO	☒	☒
802.11b	2400 – 2483.5 MHz	SISO	☐	☐
802.11g	2400 – 2483.5 MHz	SISO	☐	☐
802.11n(20MHz,40MHz)	2400 – 2483.5 MHz	SISO	☒	☐
802.11ax (20MHz)	2400 – 2483.5 MHz	SISO	☒	☒
802.11ax (40MHz)	2400 – 2483.5 MHz	SISO	☒	☐
802.11a	U-NII-1, U-NII-2A, 2C and U-NII-3	MIMO	☐	☐
802.11n(20MHz)	U-NII-1, U-NII-2A	MIMO	☒	☐
802.11ac (20MHz)	U-NII-2A	MIMO	☒	☒
802.11ac (40MHz)	U-NII-1, U-NII-2A, 2C and U-NII-3	MIMO	☐	☐
802.11ac (80MHz)	U-NII-1, U-NII-2A, 2C and U-NII-3	MIMO	☐	☐
802.11ax(20MHz,40MHz,80MHz)	U-NII-1, U-NII-2A, 2C and U-NII-3	MIMO	☐	☐
UMTS/WCDMA	Band 5	SISO	☒	☒
LTE	Band 2, Band 4, Band 5, Band 7, Band 17	SISO	☒	☒

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2.2 Report Reference

Note: Product RIM_03_N has multiple protocols. All the supported wireless protocols and their respective test results are issued in separate test reports, following table lists the report numbers.

Technology	Module Test Report Reference	Product Test Report Reference
BLE, WLAN 2.4GHz	MDE_UBLOX_2030_FCC_01_rev 01	BLE: DE24UF3M 002 WLAN: DE24Q288 002
WLAN 5GHz	MDE_UBLOX_2030_FCC_02_rev 02	DE24JKI7 002
WDMa	MDE_UBLOX_1408_FCCa_rev 02	DE2425F5 002
LTE	MDE_UBLOX_1408_FCCc MDE_UBLOX_1408_FCCd	
Simultaneous Radio Test Report	MDE_UBLOX_2030_FCC_03_rev01	DE24ZAOP 002
MPE	MDE_UBLOX_2030_FCC_01_rev 03 MDE_UBLOX_1408_MPEa Rev 3	DE2442JI 002

2.3 Technical data summary taken from Test reports in 2.2

2.3.1 Maximum Power (conducted) used in Test report

Technology	Band [TX]	Frequency of highest power TX [MHz]	Antenna Gain [dBi]	P _{max} conducted [dBm]	P _{max} EIRP [dBm]
BLE	2.4GHz	2402	2.2	8.0	10.2
WLAN	2.4GHz	2437	2.2	18.5	20.7
WLAN	5GHz(U-NII-2A)	5300	3.8	20.4	24.2
WCDMA	5	846.6	4.3	22.4	26.7
LTE	4	1732.5	5.5	24.56	30.06

Measurement values from the test reports are measured conducted as dBm values (without Antenna Gain correction) and corrected to be EIRP values by using the following formula:

$$P_{\text{max EIRP [dBm]}} = P_{\text{max conducted [dBm]}} + \text{Antenna Gain [dBi]}.$$

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2.4 Standard specific classification of the EUT

2.4.1 Applied FCC standards

FCC CFR 47 Part 15 Subpart C §15.247 (i) and Subpart E §15.407 (f)
FCC CFR 47 Part 1 Subpart I §1.1310 (limits)
FCC CFR 47 Part 2 Subpart J §2.1091 (mobile)
FCC KDB 447498 D04 v01 – Interim General RF Exposure procedures Guidance (Procedures and Equipment Authorization Policies for Mobile and Portable Devices)

2.4.2 Applied ISED standards

RSS-GEN (General Requirements for Compliance of Radio Apparatus)
RSS-102 issue 6 (Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus)
Health Canada's Safety Code 6 (2015)

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2.4.3 Exposure conditions

	Type of exposure
☒	General public exposure
☐	Occupational exposure

	Separation distance – Intended usage location
☐	< 20 cm – portable
☐	Body-worn device -
☐	Limb-worn device -
☐	Head exposure device -
☐	Implanted device
☒	≥ 20 cm
☐	Fixed device (physically secured at one location, even temporarily) specific mitigation actions are required
☒	Mobile device

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3 Test results in detail FCC RF exposure evaluation

Radio frequency devices operating under the provisions of FCC CFR 47 Part 15 Subpart C - §15.247 (i) or FCC CFR 47 Part 15 Subpart E §15.407 (f) are subject to the radio frequency radiation exposure requirements specified in §§ 1.1307(b), 1.1310, 2.1091, and 2.1093, as appropriate.

3.1 Maximum Permissible Exposure Evaluation (MPE) Mobile device or fixed RF source

3.1.1 Description

For operations within the frequency range of 300 kHz and 6 GHz (inclusive), the limits for maximum permissible exposure (MPE), derived from whole-body SAR limits and listed in Table 1 to § 1.1310(e)(1), may be used instead of whole-body SAR limits to evaluate the environmental impact of human exposure to RF radiation as specified in § 1.1307(b) of this part, except for portable devices as defined in § 2.1093 of this chapter as these evaluations shall be performed according to the SAR provisions in § 2.1093.

3.1.2 Limits

Limits for Maximum Permissible Exposure (MPE) to radiofrequency electromagnetic fields from §1.1310(e)(1) are shown in the table below.

Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)				
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

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3.1.3 Evaluation for Technologies assumed to be in far field at the distance d

In the far-field zone of an electromagnetic source, electric field strength, magnetic field strength and power density are interrelated by simple mathematical expressions, where any one of these parameters defines the remaining two.

For the MPE evaluation the maximum measured output powers $P_{\max}$ for each Band from the above-mentioned test reports are considered.

With these, the respective power densities S in a distance of d can be calculated with $= \frac{P_{\max}}{4\pi d^2}$. For this calculation $P_{\max}$ has to be specified as or transferred to an EIRP Value.

As some limits are frequency dependent, for each Band the limit is calculated based of the lowest band edge frequency f_{Lowest} .

Technology	Band	Note	d [cm]	f_{Lowest} [MHz]	$P_{\max}$ EIRP [dBm]	$P_{\max}$ EIRP [mW]	S [mW/cm ²]	S_L [mW/cm ²]	S/ S_L
BLE	2.4GHz	Note 2	20	2400	10.2	10.47	0.0021	1.0000	0.0021
WLAN	2.4GHz	Note 2	20	2400	20.7	117.49	0.0234	1.0000	0.0234
WLAN	5GHz(U-NII-2A)	Note 2	20	5250	24.2	263.03	0.0523	1.0000	0.0523
WCDMA	5	Note 2	20	824	26.7	467.74	0.0931	0.5493	0.1695
LTE	4	Note 2	20	1710	30.06	1013.91	0.2017	1.0000	0.2017

Note1: Measurement values from the above-mentioned test reports are measured as ERP values and corrected to be EIRP values by using the following formula: $P_{\max} \text{ EIRP [dBm]} = P_{\max} \text{ ERP [dBm]} + 2.15 \text{ [dB]}$

Note2: Measurement values from the above-mentioned test reports are measured conducted as dBm values (without Antenna Gain correction) and corrected to be EIRP values by using the following formula:
 $P_{\max} \text{ EIRP [dBm]} = P_{\max} \text{ conducted [dBm]} + \text{Antenna Gain [dBi]}.$

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3.1.4 Final evaluation

3.1.4.1 Single RF source

The equipment meets the requirements according to §15.247 (i) since the calculated result for the power density is below the applicable limit from §1.1310(e)(1)

3.1.4.2 Multiple RF sources

Per § 1.1307(b)(3)(ii)(B)

In the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period then these are exempt if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1.

$$\sum_{k=1}^n \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Where:

Evaluated_k = the maximum reported SAR or MPE

Exposure Limit_k = either the general population / uncontrolled maximum permissible exposure (MPE) or specific absorption rate (SAR) limit for each fixed, mobile, or portable RF source.

Configuration 1: Considering the BLE+WLAN 2.4GHz+WLAN 5GHz+WCDMA Operates at the same time.

Technology	Band	d [cm]	<i>Evaluated_k / Exposure Limit_k</i>
BLE	2.4GHz	20	0.0021
WLAN	2.4GHz	20	0.0234
WLAN	5GHz	20	0.0523
WCDMA	5	20	0.1695
Sum			0.2473

Configuration 2: Considering the BLE+WLAN 2.4GHz+WLAN 5GHz+LTE Operates at the same time.

Technology	Band	d [cm]	<i>Evaluated_k / Exposure Limit_k</i>
BLE	2.4GHz	20	0.0021
WLAN	2.4GHz	20	0.0234
WLAN	5GHz	20	0.0523
LTE	4	20	0.2017
Sum			0.2795

3.1.5 Final test result

Final test result	Pass
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4 Test results in detail ISED RF exposure Compliance

Radio frequency devices operating under the provisions of RSS-Gen are subject to the radio frequency radiation exposure requirements specified in RSS-102.

Test reduction methods employed to reduce the testing burden and ensure timely access to the Canadian market are accepted. However, the allowance to apply test reduction methods does not constitute an exemption from compliance with the applicable exposure limit(s) and the other relevant requirements. The use of any test reduction methods for certification purposes does not prevent ISED from employing enforcement measures regarding non-compliances with Health Canada's Safety Code 6 limits specified in this document; including those that are outside of the scope of test reduction methods.

The specific test reduction methods for NS, SAR, APD, IPD and FRL are outlined in each specific standard.

4.1 ISED Maximum Exposure Requirements

According to RSS-102 issue 6, Industry Canada has adopted the SAR and RF field strength limits established in Health Canada's RF exposure guideline, Safety Code 6 (2015) and its Notice. Any updates to Safety Code 6 and/or its Notice will supersede the values outlined in RSS-102 issue 6

4.1.1 . Electric and Magnetic Field Strength (3 kHz - 10 MHz)

4.1.2 Electric Field Strength, Magnetic Field Strength and Power Density (10 MHz - 300 GHz)

According to the limits of human exposure in Safety Code 6 clause 2.2.2:

To ensure compliance with the basic restrictions at frequencies between 10 MHz and 300 GHz, the reference levels for electric- and magnetic-field strength and power density must be complied with.

Table 5. Reference Levels for Electric Field Strength, Magnetic Field Strength and Power Density in Uncontrolled Environments

Frequency (MHz)	Electric Field Strength (E_{RL}), (V/m, RMS)	Magnetic Field Strength (H_{RL}), (A/m, RMS)	Power Density (S_{RL}), (W/m ²)	Reference Period (minutes)
10 - 20	27.46	0.0728	2	6
20 - 48	$58.07 / f^{0.25}$	$0.1540 / f^{0.25}$	$8.944 / f^{0.5}$	6
48 - 300	22.06	0.05852	1.291	6
300 - 6000	$3.142 f^{0.3417}$	$0.008335 f^{0.3417}$	$0.02619 f^{0.6834}$	6
6000 - 15000	61.4	0.163	10	6
15000 - 150000	61.4	0.163	10	$616000 / f^{1.2}$
150000 - 300000	$0.158 f^{0.5}$	$4.21 \times 10^{-4} f^{0.5}$	$6.67 \times 10^{-5} f$	$616000 / f^{1.2}$

Frequency, f , is in MHz.

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Table 6. Reference Levels for Electric Field Strength, Magnetic Field Strength and Power Density in Controlled Environments

Frequency (MHz)	Electric Field Strength (E _{RL}), (V/m, RMS)	Magnetic Field Strength (H _{RL}), (A/m, RMS)	Power Density (S _{RL}), (W/m ²)	Reference Period (minutes)
10 - 20	61.4	0.163	10	6
20 - 48	129.8 / $f^{0.25}$	0.3444 / $f^{0.25}$	44.72 / $f^{0.5}$	6
48 - 100	49.33	0.1309	6.455	6
100 - 6000	15.60 $f^{0.25}$	0.04138 $f^{0.25}$	0.6455 $f^{0.5}$	6
6000 - 15000	137	0.364	50	6
15000 - 150000	137	0.364	50	616000 / $f^{1.2}$
150000 - 300000	0.354 $f^{0.5}$	9.40×10 ⁻⁴ $f^{0.5}$	3.33×10 ⁻⁴ f	616000 / $f^{1.2}$

Frequency, f , is in MHz.

4.1.2.1 Evaluation for Technologies assumed to be in far field at the distance d

In the far-field zone of an electromagnetic source, electric field strength, magnetic field strength and power density are interrelated by simple mathematical expressions, where any one of these parameters defines the remaining two.

For the Maximum Exposure evaluation the maximum measured output powers P_{max} for each Band from the above-mentioned test reports are considered.

With these, the respective power densities S in a distance of d can be calculated with $= \frac{P_{max}}{4\pi d^2}$. For this calculation P_{max} has to be specified as or transferred to an EIRP Value.

As some limits are frequency dependent, for each Band the limit is calculated based of the lowest band edge frequency f_{Lowest}.

Technology	Band	Note	d [cm]	f _{Lowest} [MHz]	P _{max} EIRP [dBm]	P _{max} EIRP [mW]	S [W/m ²]	S _L [W/m ²]	S/S _L
BLE	2.4GHz	Note 2	20	2400	10.2	10.47	0.0208	5.34776	0.0039
WLAN	2.4GHz	Note 2	20	2400	20.7	117.49	0.2337	5.34776	0.0437
WLAN	5GHz(U-NII-2A)	Note 2	20	5250	24.2	263.03	0.5233	9.13045	0.0573
WCDMA	5	Note 2	20	824	26.7	467.74	0.9305	2.57561	0.3613
LTE	4	Note 2	20	1710	30.06	1013.91	2.0171	4.24195	0.4755

Note1: Measurement values from the above-mentioned test reports are measured as ERP values and corrected to be EIRP values by using the following formula: P_{max} EIRP [dBm] = P_{max} ERP [dBm] + 2.15 [dB]

Note2: Measurement values from the above-mentioned test reports are measured conducted as dBm values (without Antenna Gain correction) and corrected to be EIRP values by using the following formula:

P_{max} EIRP [dBm] = P_{max} conducted [dBm] + Antenna Gain [dBi].

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4.1.3 Final evaluation

4.1.3.1 Single RF source

The equipment meets the requirements according to Safety Code 6 clause 2.2.2 since the calculated result for the power density is below the applicable limit.

4.1.3.2 Multiple RF sources

Per Safety Code 6 clause 2.2.2, for simultaneous exposure to multiple frequencies and where exposure is estimated in terms of power density, each of the power density frequency component amplitudes shall be divided by the corresponding reference level for that frequency, and the sum of all these ratios shall not exceed unity.

Configuration 1: Considering the BLE+WLAN 2.4GHz+WLAN 5GHz+WCDMA Operates at the same time.

Technology	Band	d [cm]	S/S _L
BLE	2.4GHz	20	0.0039
WLAN	2.4GHz	20	0.0437
WLAN	5GHz	20	0.0573
WCDMA	5	20	0.3613
Sum			0.4662

Configuration 2: Considering the BLE+WLAN 2.4GHz+WLAN 5GHz+LTE Operates at the same time.

Technology	Band	d [cm]	S/S _L
BLE	2.4GHz	20	0.0039
WLAN	2.4GHz	20	0.0437
WLAN	5GHz	20	0.0573
LTE	4	20	0.4755
Sum			0.5804

The equipment meets the requirements according to Safety Code 6 clause 2.2.2 since the sum of the calculated results for the power density frequency component amplitudes divided by the corresponding reference levels is below the applicable limit of 1.

4.1.4 Final test result

The equipment is compliant according to Health Canada Safety Code 6 (2015).

Final test result	Pass
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5 Change history

Revision Number	List of revisions
002	Reviewer Comments Updated
001	Initial Release
Note: Latest revision report will replace all previous reports.	

Ende des Prüfberichts
End of Test Report