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RADIO TEST REPORT – APFWL

Report ID:
REP031034

Project ID:
PRJ0049626

Type of assessment:
MPE Calculation report

Manufacturer:
Electronics4All Inc

Hardware Version Identification Number (HVIN):
GTW-200

Product Marketing Name (PMN):
Quad-Band Gateway

FCC identifier:
FCC ID: 2AXVKGTW02

ISED certification number:
IC: 26661-GTW02

Contains FCC ID:
FCC ID: T9JRN2903
FCC ID: XPYNINAW13
FCC ID: XMR201606EC21A

Contains ISED certification number:
IC: 6514A-RN2903
IC: 8595A-NINAW13
IC: 10224A-201611EC21A

Specification:

- FCC 47 CFR Part 1 Subpart I, §§1.1307, 1.1310
- FCC 47 CFR Part 2 Subpart J, §2.1091
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- ISED Canada RSS-102 Issue 5 Amendment 1, (February 2021)

RSS-102 Annex B - Declaration of RF Exposure Compliance

ATTESTATION: I attest that the information provided in Annex A is correct; that the Technical Brief was prepared and the information contained therein is correct; that the device evaluation was performed or supervised by me; that applicable measurement methods and evaluation methodologies have been followed; and that the device meets the SAR and/or RF field strength limits of RSS-102.

Date of issue: March 12, 2024

Nimish Kapoor, EMC/RF Specialist
Prepared by

Signature

Lab locations

Company name	Nemko Canada Inc.		
Facilities	*Ottawa site:* 303 River Road Ottawa, Ontario Canada K1V 1H2 Tel: +1 613 737 9680 Fax: +1 613 737 9691	*Montréal site:* 292 Labrosse Avenue Pointe-Claire, Québec Canada H9R 5L8 Tel: +1 514 694 2684 Fax: +1 514 694 3528	*Cambridge site:* 1-130 Saltsman Drive Cambridge, Ontario Canada N3E 0B2 Tel: +1 519 650 4811
Test site identifier	**Organization**	**Ottawa**	**Montreal**	**Cambridge**
	FCC:	CA2040	CA2041	CA0101
	ISED:	2040A-4	2040G-5	24676
Website	www.nemko.com			

Limits of responsibility

Note that the results contained in this report relate only to the items tested and were obtained in the period between the date of initial receipt of samples and the date of issue of the report.
This test report has been completed in accordance with the requirements of ISO/IEC 17025. All results contained in this report are within Nemko Canada's ISO/IEC 17025 accreditation.

Copyright notification

Section 1 Evaluation summary

1.1 MPE calculation for standalone transmission

References, definitions and limits

FCC §2.1091(d)

(2) (2) 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 in paragraph (e)(1) of this section, may be used instead of whole-body SAR limits as set forth in paragraphs (a) through (c) of this section 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.

Table 1.1-1: *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
300–1500			f / 300	<6
1500–100000			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
300–1500			f / 1500	<30
1500–100000			1.0	<30

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

RSS-102, Section 4

For the purpose of this standard, Industry Canada has adopted the SAR and RF field strength limits established in Health Canada's RF exposure guideline, Safety Code 6:

Table 1.1-2: *Table 4 to RSS-102— RF Field Strength Limits*

Frequency range (MHz)	Electric field strength (V/m rms)	Magnetic field strength (A/m rms)	Power density (W/m^2)	Reference Period (minutes)
Limits for Controlled Environment				
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
Limits for Uncontrolled Environment				
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

Notes: f = frequency in MHz.

References, definitions and limits, continued

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4\pi R^2}$$

where: S = power density (mW/cm^2 or W/m^2)
P = power input to the antenna (mW or W)
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna (cm or m)

EUT technical information

Prediction frequency	2440 MHz
Antenna type	¼ Dipole
Antenna gain	2.0 dBi
Number of antennas	1
Maximum transmitter power	1.87 dBm (conducted)
Prediction distance (declared)	30 cm

MPE calculation

Fundamental transmit (prediction) frequency:	2440	MHz
Maximum measured conducted peak output power:	1.87	dBm
Cable and/or jumper loss:	0	dB
Maximum peak power at antenna input terminal:	1.87	dBm
Duty cycle:	100	%
Maximum calculated average power at antenna input terminal:	1.5381546	mW
Single Antenna gain (typical):	2	dBi
Number of antennae:	1	
Total system gain:	2.00	dBi

	FCC limit:		ISED limit:	
MPE limit for uncontrolled exposure at prediction frequency:	**1.000000**	**mW/cm^2**	**0.540851**	**mW/cm^2**
	10.000000	W/m^2	5.408511	W/m^2
MPE limit for controlled exposure at prediction frequency:	**5.000000**	**mW/cm^2**	**3.188535**	**mW/cm^2**
	50.000000	W/m^2	31.885348	W/m^2
Minimum calculated prediction distance for compliance:	20	cm	20	cm
Typical (declared) distance:	20	cm	20	cm
Average power density at prediction frequency:	**0.000485**	**mW/cm^2**	**0.000485**	**mW/cm^2**
	0.004850	W/m^2	0.004850	W/m^2
Margin of Compliance for **uncontrolled** envirenment:	**33.14**	**dB**	**30.47**	**dB**
with Maximum premitted antenna gain:	35.14	dBi	32.47	dBi
Margin of Compliance for **controlled** envirenment:	**40.13**	**dB**	**38.18**	**dB**
with Maximum permitted antenna gain:	44.00	dBi	42.05	dBi

1.2 MPE calculation for simultaneous transmission

References, definitions and limits

FCC §2.1091(d)

(2) (2) 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 in paragraph (e)(1) of this section, may be used instead of whole-body SAR limits as set forth in paragraphs (a) through (c) of this section 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.

Table 1.2-1: *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
300–1500			f / 300	<6
1500–100000			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
300–1500			f / 1500	<30
1500–100000			1.0	<30

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

RSS-102, Section 4

For the purpose of this standard, Industry Canada has adopted the SAR and RF field strength limits established in Health Canada's RF exposure guideline, Safety Code 6:

Table 1.2-2: *Table 4 to RSS-102— RF Field Strength Limits*

Frequency range (MHz)	Electric field strength (V/m rms)	Magnetic field strength (A/m rms)	Power density (W/m^2)	Reference Period (minutes)
Limits for Controlled Environment				
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
Limits for Uncontrolled Environment				
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

Notes: f = frequency in MHz.

References, definitions and limits, continued

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4\pi R^2}$$

where: S = power density (mW/cm² or W/m²)
P = power input to the antenna (mW or W)
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna (cm or m)

EUT technical information [BLE + LoRa]

	Transmitter 1 (LoRa)	Transmitter 2 (BLE)
Prediction frequency	927 MHz	2440 MHz
Antenna type	Whip Tilt	¼ Dipole
Antenna gain	3.0 dBi	2.0 dBi
Maximum transmitter conducted power	19.08	1.87 dBm
Prediction distance (declared)	20 cm	20 cm

MPE calculation

	Transmitter 1		Transmitter 2	
Fundamental transmit (prediction) frequency:	927	MHz	2440	MHz
Maximum measured conducted peak output power:	19.08	dBm	1.87	dBm
Cable and/or jumper loss:	0	dB	0	dB
Maximum peak power at antenna input terminal:	19.08	dBm	1.87	dBm
Duty cycle:	100	%	100	%
Maximum calculated average power at antenna input terminal:	80.9096	mW	1.53815	mW
Single Antenna gain (typical):	3	dBi	2	dBi
Number of antennae:	1		1	
Total system gain:	3.00	dBi	2.00	dBi

	ISED limit		FCC limit		ISED limit		FCC limit	
MPE limit for uncontrolled exposure at prediction frequency:	**0.27915**	**mW/cm²**	**0.61800**	**mW/cm²**	**0.54085**	**mW/cm²**	**1.00000**	**mW/cm²**
	2.791501	W/m²	6.18000	W/m²	5.408511	W/m²	10.00000	W/m²
MPE limit for controlled exposure at prediction frequency:	**1.96533**	**mW/cm²**	**3.09000**	**mW/cm²**	**3.18853**	**mW/cm²**	**5.00000**	**mW/cm²**
	19.65333	W/m²	30.90000	W/m²	31.88535	W/m²	50.00000	W/m²
Minimum calculated prediction distance for compliance:	20	cm	20	cm	20	cm	20	cm
Typical (declared) distance:	20	cm	20	cm	20	cm	20	cm
Average power density at prediction frequency:	**0.032117**	**mW/cm²**	**0.032117**	**mW/cm²**	**0.000485**	**mW/cm²**	**0.000485**	**mW/cm²**
	0.321166	W/m²	0.321166	W/m²	0.004850	W/m²	0.004850	W/m²
MPE compliance for simultaneous operation:								
Margin of Compliance for controlled environment:	**17.87**	**dB**	**19.83**	**dB**	**38.18**	**dB**	**40.13**	**dB**
with Maximum permitted antenna gain:	20.87	dBi	22.83	dBi	40.18	dBi	42.13	dBi
Margin of Compliance for uncontrolled environment:	**9.39**	**dB**	**12.84**	**dB**	**30.47**	**dB**	**33.14**	**dB**
with Maximum permitted antenna gain:	12.39	dBi	12.84	dBi	32.47	dBi	33.14	dBi
Average power density to MPE limit ratio (uncontrolled):	0.115		0.052		0.001		0.000	
Average power density to MPE limit ratio (controlled):	0.016		0.010		0.000		0.000	

Total sum of ratios for FCC (uncontrolled):	0.052	<1	Total sum of ratios for FCC (controlled):	0.010	<1	Total RF value for ISED **0.3260** W/m²
Total sum of ratios for ISED (uncontrolled):	0.116	<1	Total sum of ratios for ISED (controlled):	0.016	<1	
Maximum allowed sum of ratios:	**1**					

Verdict

The calculation is below the limit; therefore, the product is passing the RF Exposure requirements for the declared distance.

EUT technical information [BLE + Wi-Fi]

	Transmitter 1 (Wi-Fi)	Transmitter 2 (BT)
Prediction frequency	2437 MHz	2440 MHz
Antenna type	¼ Dipole	¼ Dipole
Antenna gain	2.0 dBi	2.0 dBi
Maximum transmitter conducted power	15.6 dBm	1.87 dBm
Prediction distance (declared)	20 cm	20 cm

MPE calculation

	Transmitter 1		Transmitter 2	
Fundamental transmit (prediction) frequency:	2437	MHz	2440	MHz
Maximum measured conducted peak output power:	15.6	dBm	1.87	dBm
Cable and/or jumper loss:	0	dB	0	dB
Maximum peak power at antenna input terminal:	15.6	dBm	1.87	dBm
Duty cycle:	100	%	100	%
Maximum calculated average power at antenna input terminal:	36.3078	mW	1.53815	mW
Single Antenna gain (typical):	2	dBi	2	dBi
Number of antennae:	1		1	
Total system gain:	2.00	dBi	2.00	dBi

	ISED limit		FCC limit		ISED limit		FCC limit	
MPE limit for uncontrolled exposure at prediction frequency:	**0.54040**	**mW/cm²**	**1.00000**	**mW/cm²**	**0.54085**	**mW/cm²**	**1.00000**	**mW/cm²**
	5.403965	W/m²	10.00000	W/m²	5.408511	W/m²	10.00000	W/m²
MPE limit for controlled exposure at prediction frequency:	**3.18657**	**mW/cm²**	**5.00000**	**mW/cm²**	**3.18853**	**mW/cm²**	**5.00000**	**mW/cm²**
	31.86574	W/m²	50.00000	W/m²	31.88535	W/m²	50.00000	W/m²
Minimum calculated prediction distance for compliance:	20	cm	20	cm	20	cm	20	cm
Typical (declared) distance:	20	cm	20	cm	20	cm	20	cm
Average power density at prediction frequency:	**0.011448**	**mW/cm²**	**0.011448**	**mW/cm²**	**0.000485**	**mW/cm²**	**0.000485**	**mW/cm²**
	0.114480	W/m²	0.114480	W/m²	0.004850	W/m²	0.004850	W/m²
MPE compliance for simultaneous operation:								
Margin of Compliance for controlled environment:	**24.45**	**dB**	**26.40**	**dB**	**38.18**	**dB**	**40.13**	**dB**
with Maximum permitted antenna gain:	26.45	dBi	28.40	dBi	40.18	dBi	42.13	dBi
Margin of Compliance for uncontrolled environment:	**16.74**	**dB**	**19.41**	**dB**	**30.47**	**dB**	**33.14**	**dB**
with Maximum permitted antenna gain:	18.74	dBi	19.41	dBi	32.47	dBi	33.14	dBi
Average power density to MPE limit ratio (uncontrolled):	0.021		0.011		0.001		0.000	
Average power density to MPE limit ratio (controlled):	0.004		0.002		0.000		0.000	

Total sum of ratios for FCC (uncontrolled):	0.012	<1	Total sum of ratios for FCC (controlled):	0.002	<1
Total sum of ratios for ISED (uncontrolled):	0.022	<1	Total sum of ratios for ISED (controlled):	0.004	<1
Maximum allowed sum of ratios:	1				

Total RF value for ISED **0.1193** W/m²

Verdict

The calculation is below the limit; therefore, the product is passing the RF Exposure requirements for the declared distance.

EUT technical information [BLE + LTE Band 2]

	Transmitter 1 (LTE Band 2)	Transmitter 2 (BT)
Prediction frequency	1880 MHz	2440 MHz
Antenna type	Blade Tilt/Swivel	¼ Dipole
Antenna gain	1.0 dBi	2.0 dBi
Maximum transmitter conducted power	23.50 dBm	1.87 dBm
Prediction distance (declared)	20 cm	20 cm

MPE calculation

	Transmitter 1		Transmitter 2	
Fundamental transmit (prediction) frequency:	1880	MHz	2440	MHz
Maximum measured conducted peak output power:	23.5	dBm	1.87	dBm
Cable and/or jumper loss:	0	dB	0	dB
Maximum peak power at antenna input terminal:	23.5	dBm	1.87	dBm
Duty cycle:	100	%	100	%
Maximum calculated average power at antenna input terminal:	223.872	mW	1.53815	mW
Single Antenna gain (typical):	1	dBi	2	dBi
Number of antennae:	1		1	
Total system gain:	1.00	dBi	2.00	dBi

	ISED limit		FCC limit		ISED limit		FCC limit	
MPE limit for uncontrolled exposure at prediction frequency:	**0.45258**	**mW/cm²**	**1.00000**	**mW/cm²**	**0.54085**	**mW/cm²**	**1.00000**	**mW/cm²**
	4.525796	W/m²	10.00000	W/m²	5.408511	W/m²	10.00000	W/m²
MPE limit for controlled exposure at prediction frequency:	**2.79882**	**mW/cm²**	**5.00000**	**mW/cm²**	**3.18853**	**mW/cm²**	**5.00000**	**mW/cm²**
	27.98821	W/m²	50.00000	W/m²	31.88535	W/m²	50.00000	W/m²
Minimum calculated prediction distance for compliance:	20	cm	20	cm	20	cm	20	cm
Typical (declared) distance:	20	cm	20	cm	20	cm	20	cm
Average power density at prediction frequency:	**0.056070**	**mW/cm²**	**0.056070**	**mW/cm²**	**0.000485**	**mW/cm²**	**0.000485**	**mW/cm²**
	0.560699	W/m²	0.560699	W/m²	0.004850	W/m²	0.004850	W/m²
MPE compliance for simultaneous operation:								
Margin of Compliance for controlled environment:	**16.98**	**dB**	**19.50**	**dB**	**38.18**	**dB**	**40.13**	**dB**
with Maximum permitted antenna gain:	17.98	dBi	20.50	dBi	40.18	dBi	42.13	dBi
Margin of Compliance for uncontrolled environment:	**9.07**	**dB**	**12.51**	**dB**	**30.47**	**dB**	**33.14**	**dB**
with Maximum permitted antenna gain:	10.07	dBi	12.51	dBi	32.47	dBi	33.14	dBi
Average power density to MPE limit ratio (uncontrolled):	0.124		0.056		0.001		0.000	
Average power density to MPE limit ratio (controlled):	0.020		0.011		0.000		0.000	

Total sum of ratios for FCC (uncontrolled):	0.057	<1	Total sum of ratios for FCC (controlled):	0.011	<1
Total sum of ratios for ISED (uncontrolled):	0.125	<1	Total sum of ratios for ISED (controlled):	0.020	<1
Maximum allowed sum of ratios:	1				

Total RF value for ISED **0.5655** W/m²

Verdict

The calculation is below the limit; therefore, the product is passing the RF Exposure requirements for the declared distance.

EUT technical information [BLE + LTE Band 12]

	Transmitter 1 (LTE Band 12)	Transmitter 2 (BT)
Prediction frequency	714.5 MHz	2440 MHz
Antenna type	Blade Tilt/Swivel	¼ Dipole
Antenna gain	1.0 dBi	2.0 dBi
Maximum transmitter conducted power	23.50 dBm	1.87 dBm
Prediction distance (declared)	20 cm	20 cm

MPE calculation

	Transmitter 1		Transmitter 2	
Fundamental transmit (prediction) frequency:	714.5	MHz	2440	MHz
Maximum measured conducted peak output power:	23.5	dBm	1.87	dBm
Cable and/or jumper loss:	0	dB	0	dB
Maximum peak power at antenna input terminal:	23.5	dBm	1.87	dBm
Duty cycle:	100	%	100	%
Maximum calculated average power at antenna input terminal:	223.872	mW	1.53815	mW
Single Antenna gain (typical):	1	dBi	2	dBi
Number of antennae:	1		1	
Total system gain:	1.00	dBi	2.00	dBi

	ISED limit		FCC limit		ISED limit		FCC limit	
MPE limit for uncontrolled exposure at prediction frequency:	**0.23365**	**mW/cm²**	**0.47633**	**mW/cm²**	**0.54085**	**mW/cm²**	**1.00000**	**mW/cm²**
	2.336472	W/m²	4.76333	W/m²	5.408511	W/m²	10.00000	W/m²
MPE limit for controlled exposure at prediction frequency:	**1.72543**	**mW/cm²**	**2.38167**	**mW/cm²**	**3.18853**	**mW/cm²**	**5.00000**	**mW/cm²**
	17.25430	W/m²	23.81667	W/m²	31.88535	W/m²	50.00000	W/m²
Minimum calculated prediction distance for compliance:	20	cm	20	cm	20	cm	20	cm
Typical (declared) distance:	20	cm	20	cm	20	cm	20	cm
Average power density at prediction frequency:	**0.056070**	**mW/cm²**	**0.056070**	**mW/cm²**	**0.000485**	**mW/cm²**	**0.000485**	**mW/cm²**
	0.560699	W/m²	0.560699	W/m²	0.004850	W/m²	0.004850	W/m²
MPE compliance for simultaneous operation:								
Margin of Compliance for controlled environment:	**14.88**	**dB**	**16.28**	**dB**	**38.18**	**dB**	**40.13**	**dB**
with Maximum permitted antenna gain:	15.88	dBi	17.28	dBi	40.18	dBi	42.13	dBi
Margin of Compliance for uncontrolled environment:	**6.20**	**dB**	**9.29**	**dB**	**30.47**	**dB**	**33.14**	**dB**
with Maximum permitted antenna gain:	7.20	dBi	9.29	dBi	32.47	dBi	33.14	dBi
Average power density to MPE limit ratio (uncontrolled):	0.240		0.118		0.001		0.000	
Average power density to MPE limit ratio (controlled):	0.032		0.024		0.000		0.000	

Total sum of ratios for FCC (uncontrolled):	0.118	<1	Total sum of ratios for FCC (controlled):	0.024	<1
Total sum of ratios for ISED (uncontrolled):	0.241	<1	Total sum of ratios for ISED (controlled):	0.033	<1
Maximum allowed sum of ratios:	**1**				

Total RF value for ISED **0.5655** W/m²

Verdict

The calculation is below the limit; therefore, the product is passing the RF Exposure requirements for the declared distance.

RSS-102, Annex A - RF technical brief cover sheet

ISED certification number	IC: 26661-GTW02		
Product marketing name (PMN)	Quad-Band Gateway		
Hardware version identification number (HVIN)	GTW-200		
Firmware version identification number (FVIN)	N/A		
Host marketing name (HMN)	N/A		
Applicant name	Electronics4All Inc		
SAR/RF exposure test laboratory	2040A-4 (3 m semi anechoic chamber - Ottawa)		
Type of evaluation	☐ SAR Evaluation: Device Used in the Vicinity of the Human Head ☐ SAR Evaluation: Body-Worn Device and Body-Supported Device ☐ SAR Evaluation: Limb-Worn Device ☒ RF Exposure Evaluation ☐ Nerve Stimulation Exposure Evaluation (SPR-002)		
SAR evaluation	Multiple transmitters: ☐ Yes ☐ No		
	Evaluated against exposure limits:	☐ General Public Use	☐ Controlled Use
	Duty cycle used in evaluation:	N/A	%
	Separation distance:	N/A	mm
	Standard used for evaluation:	N/A	
	SAR value:	N/A	W/kg
	☐ Measured ☐ Computed ☐ Calculated		
Nerve Stimulation Evaluation (SPR-002)	Evaluated against exposure limits: ☐ General Public Use		☐ Controlled Use
	Measurement distance:	N/A	m
	Field Strength:	N/A	☐ V/m (electric) ☐ A/m (magnetic) ☐ Measured ☐ Computed ☐ Calculated
	Exposure condition:	☐ Whole body/Torso/Head ☐ Arm	☐ Leg ☐ Hand/Foot
RF exposure evaluation	Evaluated against exposure limits:	☒ General Public Use	☒ Controlled Use
	Duty cycle used in evaluation:	**100**	%
	Operational frequency:	**1880 MHz for LTE Band 2** **2440 for BT**	MHz
	Standard used for evaluation:	**Safety Code 6**	
	Measurement distance:	**0.20**	m
	RF value:	**0.5655**	☒ W/m² ☐ V/m ☐ A/m ☐ Measured ☐ Computed ☒ Calculated

End of the test report