DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem, Netherlands
T +31 88 96 83000 F +31 88 96 83100
www.dekra-certification.com Company registration 09085396

- The RvA is a signatory to the EA MLA.
- The RvA is a signatory to the ILAC MRA.
- The RvA is a signatory to the IAF MLA.
- FCC Registration Number: NL0002 / 375449.
- ISED CABid: NL0003 / Company number: 27051

Test report No:
2303562.0512-RSM

Partial Test Report
USA FCC Part 15.247, 15.209
CANADA RSS-247, RSS-Gen

(*)	Identification of item tested	Rokoko Smartgloves II
(*)	Trademark	Rokoko
(*)	Model and /or type reference	Smartgloves II
(*)	Features	Wi-Fi (2.4 GHz and 5 GHz)
	Other identification of the product	N/A
(*)	Derived model(s)	FCC ID: 2BCY2-RKKSG02 IC: 31264-RKKSG02
(*)	Applicant´s name / address	Rokoko Sankt Getruds Straede 10, 1129 Copenhagen, Denmark
	Test method requested, standard	USA FCC Part 15.247 (10-1-24) Edition: Operation within the bands 902 - 928 MHz, 2400 -2483.5 MHz, and 5725 - 5850 MHz. USA FCC Part 15.209 (10-1-24) Edition: Radiated emission limits; general requirements. CANADA RSS-247 Issue 4 (July 2025). CANADA RSS-Gen Issue 5 Amendment 1 (March 2019) and Amendment 2 (February 2021). Guidance for Performing Compliance Measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid Systems Devices Operating Under Section 15.247 of the FCC Rules. 558074 D01 Meas Guidance v05r02 dated April 2, 2019. ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024:American National Standard for Testing Unlicensed Wireless Devices
	Verdict Summary	IN COMPLIANCE
	Tested by (name / position & signature)	Jose Carlos Luque Technical Professional EMC
	Approved by (name / position & signature)	Sedat Eser Operational Manager EMC
	Date of issue	2026-07-14
	Report template No	TRF_RSM_FCC R1.0 (*) "Data provided by the applicant"

INDEX

page

Competences and Guarantees 3
General conditions 3
Uncertainty 3
Environmental conditions 4
Possible test case verdicts 4
Definition of symbols used in this test report 4
Abbreviations 4
Data provided by the applicant 5
Document History 5
Conclusion, Remarks and Comments 5
1 General Information 6
1.1 General Description of the Item(s) 6
1.2 Test data 7
2 Description of Test Setup 8
2.1 Sample(s) used for tests 8
2.2 Operating mode(s) used for tests 8
2.3 Port(s) of the EUT 8
2.4 Support / Auxiliary equipment / unit / software for the EUT 8
2.5 Test Configuration / Block diagram used for tests 9
2.6 Test Conditions 10
3 Verdict summary section 13
3.1 Standards 13
3.2 Overview of results – WiFi 2.4 GHz 13
3.3 Deviation(s) from the Standard(s) / Test Specification(s) 13
4 Test Results WiFi 2.4 GHz 14
4.1 Product Information 14
4.2 Duty Cycle 15
4.3 Maximum output power and antenna gain 17
4.4 Emission limitations radiated (Transmitter) 18
5 Annex 1 - Measurement Uncertainties 24
6 Annex 2: Used Equipment 25
7 Annex 3: Declaration of modifications 26
8 Annex 4: Test Photos 27

COMPETENCES AND GUARANTEES

The DEKRA is a testing laboratory competent to carry out the tests described in this report.
In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document AM#2224. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Refer to the Annex 1 for furter information.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%
Atmospheric pressure	86 kPa – 106 kPa

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

DEFINITION OF SYMBOLS USED IN THIS TEST REPORT

☒ Indicates that the listed condition, standard or equipment is applicable for this report/test/EUT.				
☐ Indicates that the listed condition, standard or equipment is not applicable for this report/test/EUT.				
Decimal separator used in this report	☐	Comma (,)	☒	Point (.)

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT : Equipment Under Test
DUT : Device Under Test
QP : Quasi-Peak
PK : Peak
AV : Average
SAC : Semi-Anechoic Chamber
OATS : Open Area Test Site
RBW : Resolution Bandwidth
VBW : Video Bandwidth
Tx : Transmitter
Rx : Receiver
N/A : Not Applicable
N/M : Not Measured
RGP : Reference Ground Plane
TX : Transmission
RX : Reception

DATA PROVIDED BY THE APPLICANT

The following data has been provided by the client:

1. Information relating to the description of the sample ("Identification of the item tested", "Trademark", "Model and/or type reference tested" and "Features").
2. Declaration of modifications. See Annex 3.

DEKRA Certification B.V. declines any responsibility with respect to the information provided by the applicant and that may affect the validity of results.

DOCUMENT HISTORY

Report nr.	Date	Description
2303562.0512-RSM	2026-07-14	First release.

CONCLUSION, REMARKS AND COMMENTS

This is a partial test report. Not all the tests requested by the applicable standard have been performed. Please refer to chapter 3 for the applied tests.

The equipment under test (EUT) does meet the requirements of the following tests as detailed in the applicable standard(s):

- Duty cyle.
- FCC § 15.247 section (b) / RSS-247 6.3.2 Maximum output power and antenna gain.
- FCC § 15.247 section (d) / RSS-247 6.6 Emission limitations radiated (Transmitter)

The applicant stated that the RF module(s) used in the EUT is pre-certified according to the latest applicable version of the standard(s). This is a partial test report and is valid in combination with the RF test report(s) of the RF module(s) used.

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Description of the item .....:	Rokoko Smartgloves II
Model / Type number .....:	Smartgloves II
Serial number .....:	Prototype#3 / Prototype#4
Trademark .....:	Rokoko
Manufacturer.....:	TKT Electronics ApS
Address .....:	H.C. Oerstedsvej 8, 7800 Skive, Denmark

Operating frequency range(s) – Tx..... :	Wi-Fi 2.4GHz: 2.412 GHz – 2462 GHz Wi-Fi 5GHz: 5.150 GHz – 5.350 GHz / 5.725 GHz – 5.850 GHz
Operating frequency range(s) – Rx ..... :	Wi-Fi 2.4GHz: 2.412 GHz – 2462 GHz Wi-Fi 5GHz: 5.150 GHz – 5.350 GHz / 5.725 GHz – 5.850 GHz
Type of Modulation..... :	Wi-Fi 2.4GHz: 802.11b (DSSS) / 802.11g/n HT20 (OFDM) Wi-Fi 5GHz: 802.11a/n HT20 (OFDM)
Number of channel..... :	Wi-Fi 2.4GHz: 11 Wi-Fi 5GHz: 8 (36 to 64) / 5 (149 to 165)
Antenna type..... :	RSIA7 PCB Trace Antenna
Antenna gain..... :	Wi-Fi 2.4GHz: 0.712 dBi Wi-Fi 5GHz: 1.25 dBi

Rated power supply .....:	Voltage and Frequency		Reference poles				
			L1	L2	L3	N	PE
	☐	AC:	☐	☐	☐	☐	☐
	☐	DC:					
	☒	Battery					
Rated Power .....:	5 V						
Clock frequencies .....:	192 MHz						
Software version .....:	3.0.1						
Hardware version.....:	V1.0						
Dimensions in cm (W x H x D)....:	26.5 x 9 x 3						
Mounting position.....:	☐	*Table top equipment*					
	☐	*Wall/Ceiling mounted equipment*					
	☐	*Floor standing equipment*					
	☐	*Hand-held equipment*					
	☒	*Other: Wearable*					

Intended use of the Equipment Under Test (EUT)
Capture accurate finger motions with smartgloves

No	Module/parts of test item	Type	Manufacturer
1	Control electronic box including wifi Module	Smartgloves II	Rokoko

Modifications to the test item during testing .....:	☒	N/A	☐	Refer to the chapter.

No	Documents as provided by the applicant - Description	File name	Issue date
1	General information form	ROKOKO General information form v2	22-10-2025
2	RF Exposure assessment	ROKOKO Application form - RF_Exposure Assessment v3.0	24-02-2026
3	Modification during testing	Rokoko modification letter_SIgnedJB	17-02-2026

Copy of marking plate:

1.2 Test data

Test Location	DEKRA Certification B.V., Netherlands
Date (start)	2026-07-06
Date (finish)	2026-07-13

2 DESCRIPTION OF TEST SETUP

2.1 Sample(s) used for tests

During the tests the following sample(s) has(have) been used.

Sample	Logistics number	Model number	Serial number	Remark(s) / Changes
01	116697/1-3	Smartgloves II	Prototype#4	See 1
	113341/1-0	USB cable	--	
	113341/1-4	PowerBank Anker	--	
02	116697/1-1	Smartgloves II	Prototype#3	See 2
	113341/1-0	USB cable	--	

Suplementary information:

1. Radiated Sample
2. Conducted Sample.

2.2 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

Operating mode	Description of the operating mode	Used for testing
OM#01	EUT ON. MS in TX continuous modulated carrier at 2412 MHz, 2437 MHz and 2462 MHz with 802.11b.	☒
OM#02	EUT ON. MS in TX continuous modulated carrier at 2412 MHz, 2437 MHz and 2462 MHz with 802.11g 6Mbps.	☒
OM#03	EUT ON. MS in TX continuous modulated carrier at 2412 MHz, 2437 MHz and 2462 MHz with 802.11n20 HT20.	☒

Supplemental information:

1. Tx power software-wise setting at 10 dBm. “Main tx 10 <data rate> <channel> .

2.3 Port(s) of the EUT

Operating mode	Description of the operating mode	Used for testing
USB Cable	Laptop	1.5

Supplemental information: --

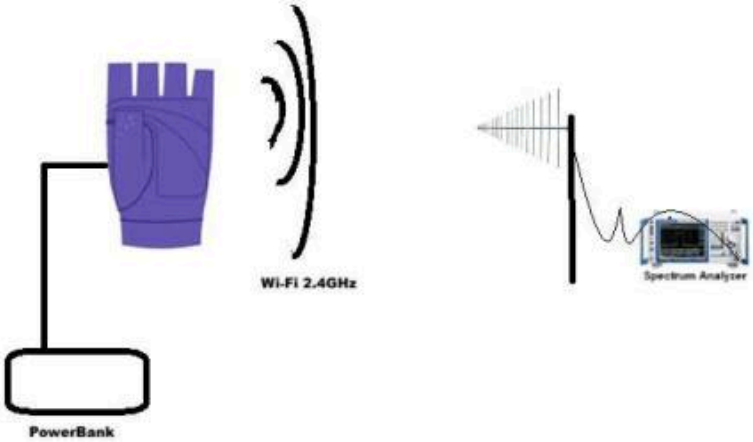
2.4 Support / Auxiliary equipment / unit / software for the EUT

Auxiliary equipment / unit / software	Type / Version	Manufacturer	Supplied by
Laptop	---	DELL	DEKRA

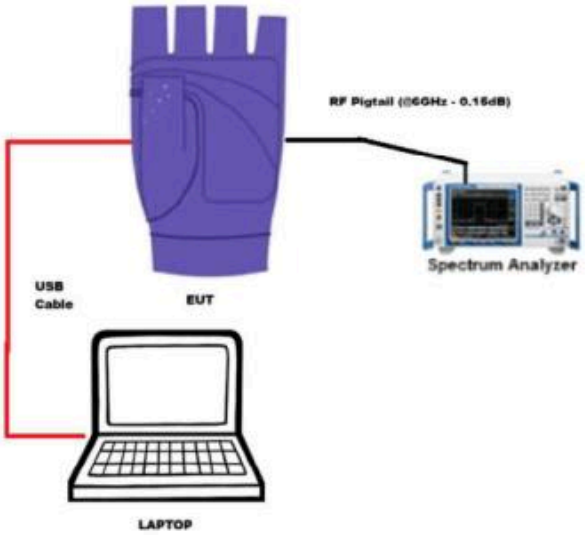
Supplemental information: --

2.5 Test Configuration / Block diagram used for tests

The following block diagram has been used during the tests:
Radiated measurements:



Conducted measurements:



The Smartgloves II was connected to a laptop using a USB cable to configure the sample. The EUT was in continuous transmission mode.

2.6 Test Conditions

(*) Declared by the Client.

POWER SUPPLY (*):

Vnominal: 5 Vdc

Type of Power Supply: PowerBank.

ANTENNA (*):

Type of Antennas: Internal antenna.

Maximum Declared Antenna Gain: 0.712 dBi

Temperature (C):
Tn = +15 to +35.
Tmin= N/A
Tmax= N/A

TEST FREQUENCIES (*):

Technology Tested:	WLAN (IEEE 802.11 b / g / n20 1x1)	
Modes:	802.11b: 1, 2, 5.5, 11 Mbps (SISO)	
	802.11g: 6, 9, 12, 18, 24, 36, 48 & 54 Mbps (SISO)	
	802.11n HT20: MCS0 to MCS7 (SISO)	
Setting of cores / ports:	WLAN1	
Beamforming:	No.	
Frequency Range:	2412-2462 MHz	
Operating Channel Bandwidth:	20 MHz	
Transmission Channels:	Channels	Channel Frequency (MHz)
	Lowest	2412
	Middle	2437
	Highest	2462

Power settings:

Channel	Frequency	802.11b	802.11g	802.11n20
1	2412 MHz	10	10	10
6	2437 MHz	10	10	10
11	2462 MHz	10	10	10

The EUT was tested in the following operating mode:

- Continuously transmitting with a modulated carrier at maximum power in all required channels using the supported data rates/modulations types.

For all modes, the EUT was configured in test mode using a software application. The application was used to enable a continuous transmission and to select the test channels as required. The client supplied instructions to configure the EUT. The customer supplied a document containing the setup instructions.

- 802.11b: 1Mbps SISO 1Tx on WLAN1
- 802.11g: 6Mbps SISO 1Tx on WLAN1
- 802.11n HT20: MCS0 SISO 1Tx on WLAN1.

	Tn	Tmin	Tmax
Temperature (ºC)	+15 to +35	N/A	N/A

TEST Setup

All radiated tests were performed in a semi-anechoic chamber. The used measurement antenna's are:

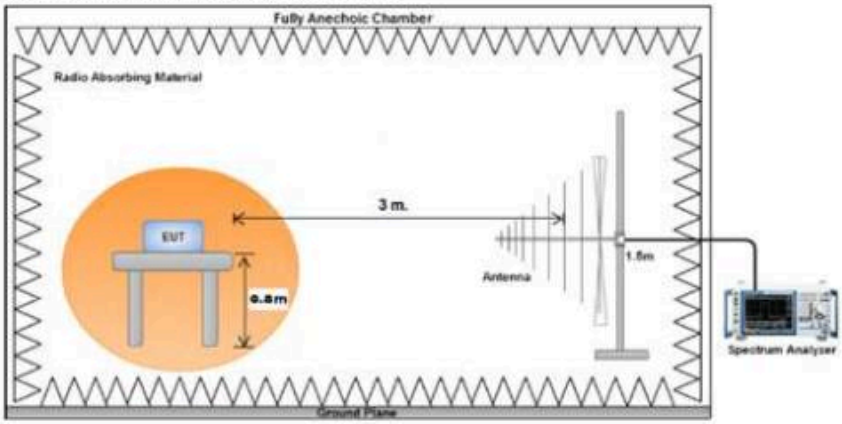
- Ultralog antenna situated at a distance of 3 m for the range between 30 MHz to 1000 MHz.
- Double ridge horn antenna is situated at a distance of 3 m for the frequency range of 1 GHz to 26 GHz.
- Double ridge horn antenna is situated at a distance of 1 m for the frequency range of 18 GHz to 26 GHz.

The equipment under test was set up on a non-conductive platform at a height of 0.8 m above the ground plane and the situation and orientation was varied to find the maximum radiated emission below 1GHz and 1.5m above the ground plane and situation and orientation was varied fo find the maximum radiated emission above 1 GHz. It was also rotated 360º and the antenna height (Bilog antenna and Double ridge horn antenna) was varied from 1 to 4 meters to find the maximum radiated emission. The antenna is used in TILT mode for measurements above 1 GHz.

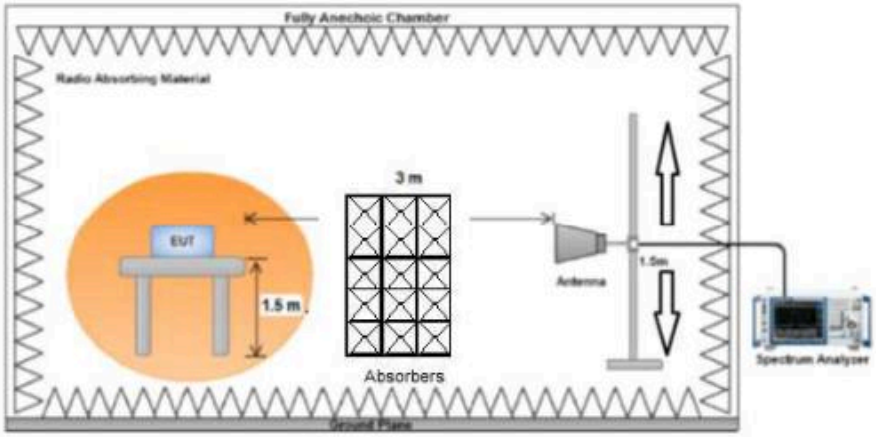
Measurements were made in both horizontal and vertical planes of polarization.

A resolution bandwidth / video bandwidth of 100 kHz / 300 kHz was used for frequencies below 1 GHz and 1 MHz / 3 MHz for frequencies above 1 GHz.

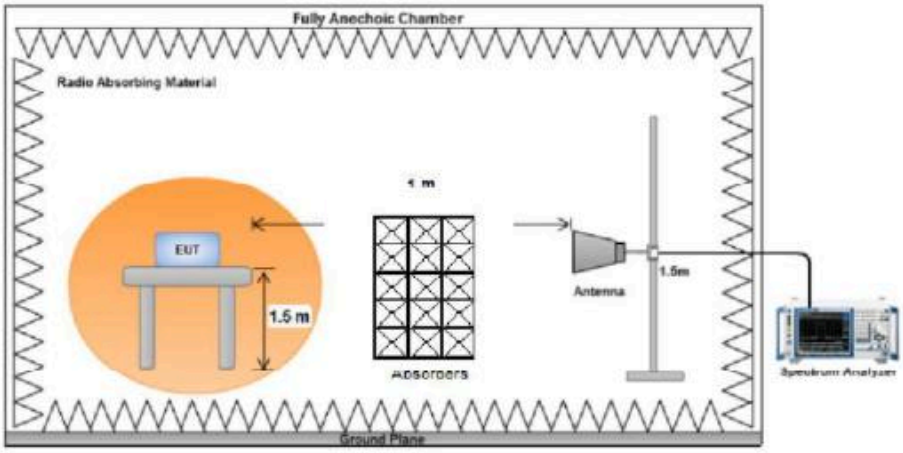
Radiated measurements setup from 30 MHz to 1 GHz:



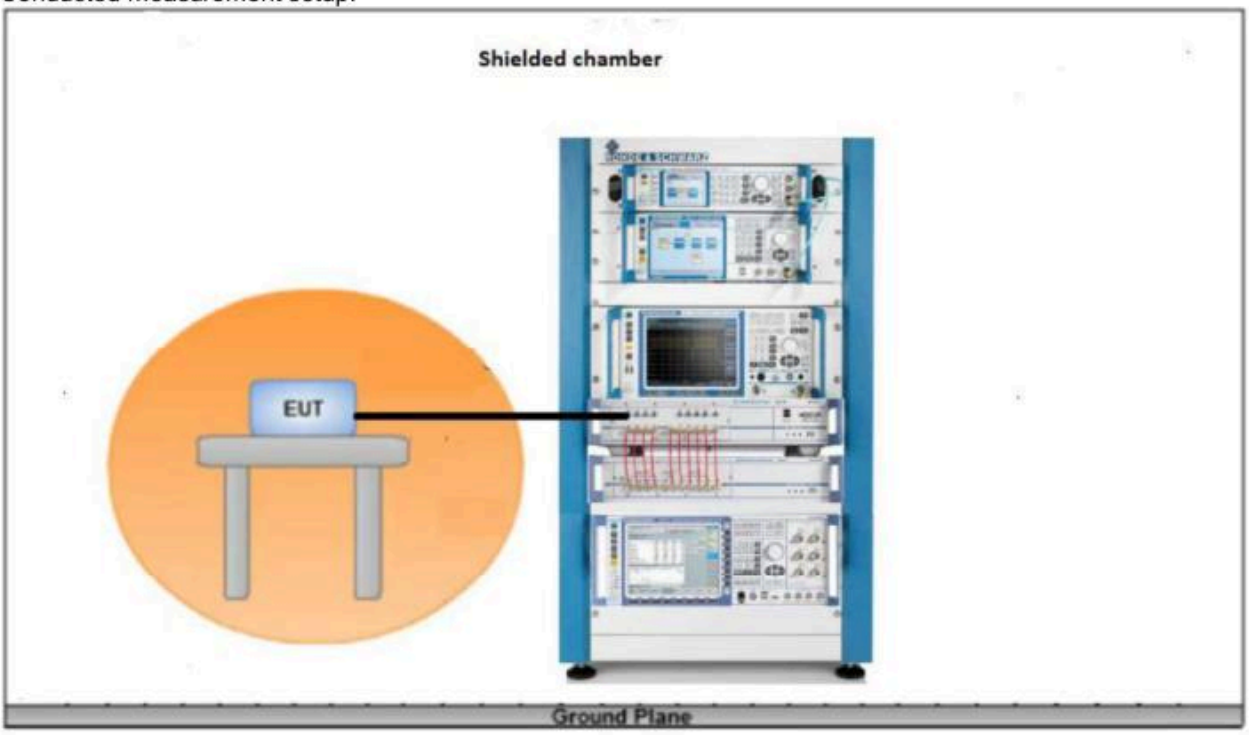
Radiated measurements setup from 1 GHz to 18 GHz (tilting of the antenna is not shown):



Radiated measurements setup above 18 GHz (tilting of the antenna is not shown)::



Conducted measurement setup:



3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
FCC Rules & Regulations 47 CFR Chapter I - Part 15 Subpart C Clause 15.247	2024-01	Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.
RSS-247 Issue 4	2025-07	Digital Transmission Systems, Frequency Hopping Systems and Licence-Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands.
RSS-Gen Issue 5 +Amendment 1 +Amendment 2	2018-04 + 2019-03 + 2021-02	General Requirements for Compliance of Radio Apparatus

3.2 Overview of results – WiFi 2.4 GHz

Test case	Standard	Verdict	Remarks
Duty Cycle	See comments	Reporting purpose only	Per ANSI C63.10, Section 11.6
Transmitter. 99% Occupied Bandwidth	See comments	Reporting purpose only	Per ANSI C63.10, Section 6.9.2
6 dB Bandwidth	15.247 (a) (2) / RSS-247 6.3.1(a)	N/M	See 1
Maximum output power, maximum e.i.r.p and antenna gain	15.247 (b) / RSS-247 6.3.2	P	--
Band-edge emissions compliance	15.247 (d) / RSS-247 6.6	N/M	See 1
Power spectral density	15.247 (e) / RSS-247 6.3.1(b)	N/M	See 1
Emission limitations radiated (Transmitter)	15.247 (d) / RSS-247 6.6	P	See 2

Supplementary information:

1. Test not requested by the customer.
2. Partial test. It was simply the worst channel and the worst mode.

3.3 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards:
N/A.

4 TEST RESULTS WIFI 2.4 GHZ

4.1 Product Information

The following information is provided by the supplier, in accordance with clause 5.3.1:

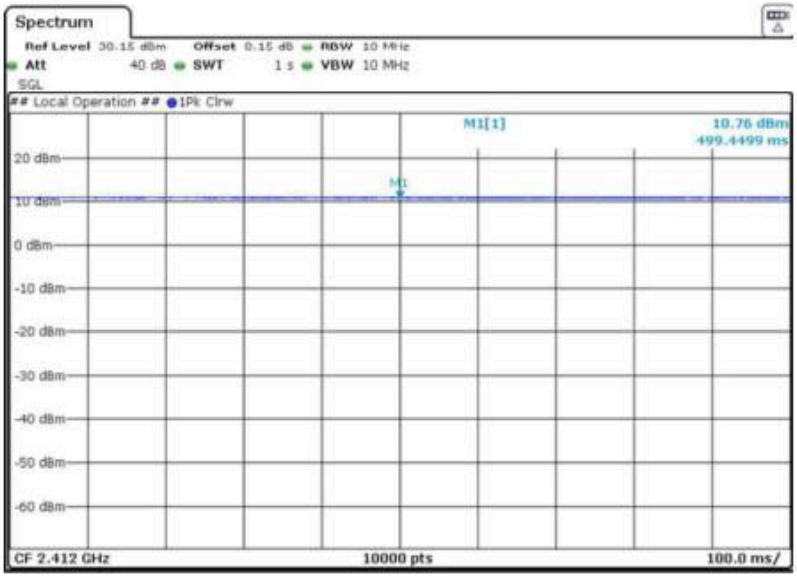
Information	Description
Modulation	802.11b DSSS 802.11g/n20 OFDM
Frequency band/Range	2400 MHz – 2483.5 MHz
Maximum RF Output Power (e.i.r.p.)	10 dBm
Operation mode 1: Single Antenna Equipment	Equipment with one antenna
- Operating Frequency Range	2400 – 2483.5 MHz
- Channel Spacing	5 MHz
- Number of Channels	11
Extreme operating conditions	
- Temperature range	-40°C to +85°C
Antenna type	Integral antenna
Antenna gain “Antenna port 1”	0.712 dBi
Nominal Voltage	
- Supply Voltage	5 Vdc
- Type of power source	Powerbank
Equipment type	802.11b/g/n HT20

4.2 Duty Cycle

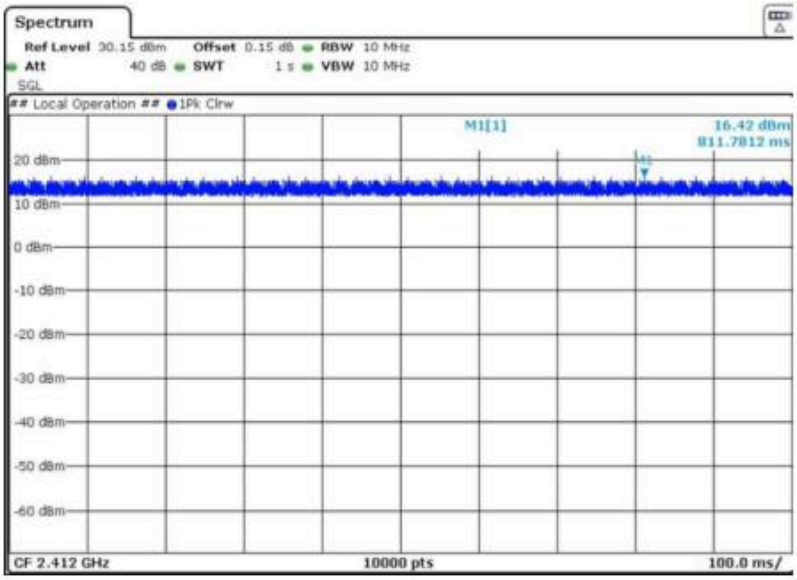
METHOD:
The Duty Cycle was measured using the method according to KDB 558074 v02r01, Section 6.

RESULTS
All modes were with Duty Cycle > 98%.

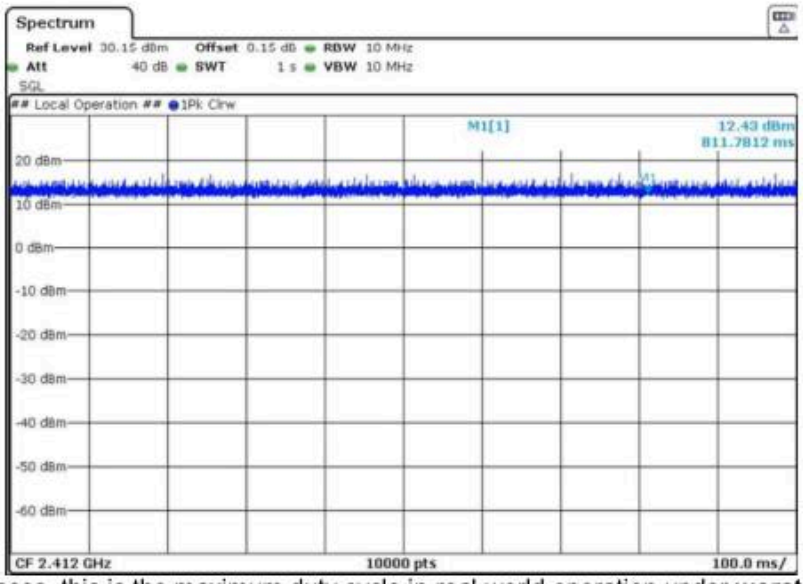
802.11b mode:



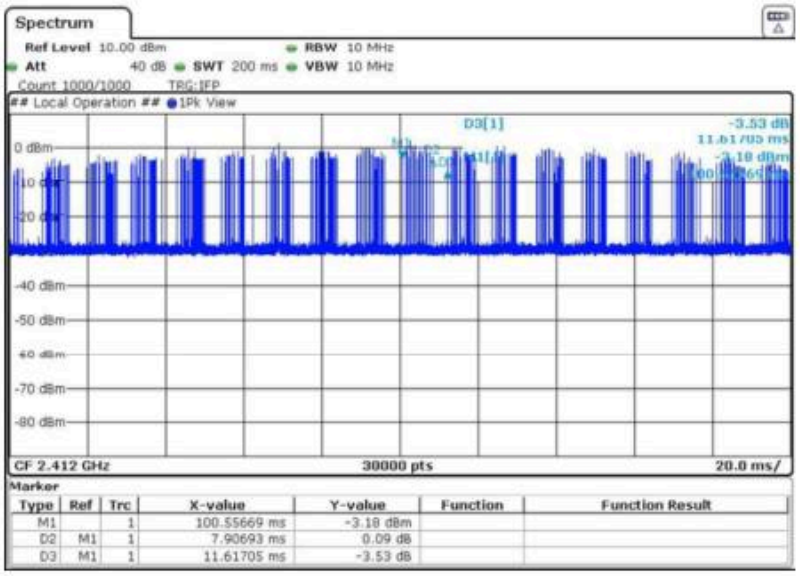
802.11g mode:



802.11n HT20 mode:



For information purposes, this is the maximum duty cycle in real-world operation under **worst-case** conditions.



Band	Tecnnique	Mode	Pulse(ms)	Period(ms)	Duty Cycle(%)
WiFi 2.4GHz	SISO WLAN1	802.11 bgn20 / 20MHz	7.90693	11.61705	68.06

4.3 FCC § 15.247 section (b) / RSS-247 6.3.2 Maximum output power and antenna gain

SPECIFICATION:

For systems using digital modulation in the 2400-2483.5 MHz band: 1 watt (30 dBm).
The e.i.r.p. shall not exceed 4 W (36 dBm) (Canada).

RESULTS:

The maximum peak conducted output power level in the fundamental emission was measured using the method according to point 11.9.2.3.1 "Method AVGPM" of ANSI C.63.20-2020.

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power.

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power.

As declared in the 15.247 (b) (4), the conducted output power is reduced by the amount in dB that the directional gain of the antenna exceeds 6dB. The applicable output power limit shall be calculated as follows:

$$P_{Out} = P_{Limit} - (G_{Tx} - 6)$$

Maximum Declared Antenna Gain: +0.712 dBi

802.11b mode:

	Low Channel 2412 MHz	Middle Channel 2437 MHz	High Channel 2462 MHz
Maximum Average Conducted Power (dBm)	7.700	7.520	7.120
Maximum Average EIRP Power (dBm)	8.412	8.232	7.832

802.11g mode:

	Low Channel 2412 MHz	Middle Channel 2437 MHz	High Channel 2462 MHz
Maximum Average Conducted Power (dBm)	6.120	6.000	5.700
Maximum Average EIRP Power (dBm)	6.832	6.712	6.412

802.11 n20 mode:

	Low Channel 2412 MHz	Middle Channel 2437 MHz	High Channel 2462 MHz
Maximum Average Conducted Power (dBm)	6.320	6.150	5.960
Maximum Average EIRP Power (dBm)	7.032	6.812	6.672

Verdict: PASS

4.4 FCC § 15.247 section (d) / RSS-247 6.6 Emission limitations radiated (Transmitter)

SPECIFICATION:

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

Frequency Range (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

RESULTS:

The situation and orientation was varied to find the maximum radiated emission. It was also rotated 360º and the antenna height was varied (in TILT mode) from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

All tests were performed in a semi-anechoic chamber at a distance of 3 m for the frequency range 30 MHz-18 GHz and at distance of 1 m for the frequency range 18 GHz-26 GHz.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

Performed measurements

The following configuration(s) and parameter(s) was/were used for testing:

Port under test	Enclosure (with cabling)		
Test method	X	Semi Anechoic Chamber	
		Open Area Test Site (OATS)	
		In-Situ (at user/manufacturer premises)	
		GTEM cell	
		Other:	---
Test set-up		Equipment on a table of 80 cm height	
		Equipment on the floor (insulated from the reference ground plane)	
	X	Other:	The EUT is installed on a support of 0.8m (below 1GHz) and 1.5 m. (above 1GHz) above the ground plane.

Technology	Sample	Mode / Modulation	Channel / Freq.	Frequency range	Antenna Polar. / axis	P/F	Sup. Info / Remark
WiFi 2.4GHz	01	802.11b / DSSS	1 / 2412 MHz	30 - 1000 MHz	H/V	P	(1)
WiFi 2.4GHz	01	802.11b / DSSS	1 / 2412 MHz	1 – 3 GHz	H/V	P	(2)
WiFi 2.4GHz	01	802.11b / DSSS	1 / 2412 MHz	3 – 18 GHz	H/V	P	--
WiFi 2.4GHz	01	802.11b / DSSS	1 / 2412 MHz	18 – 26 GHz	H/V	P	(1)
26							

Suplementary information / Remark:

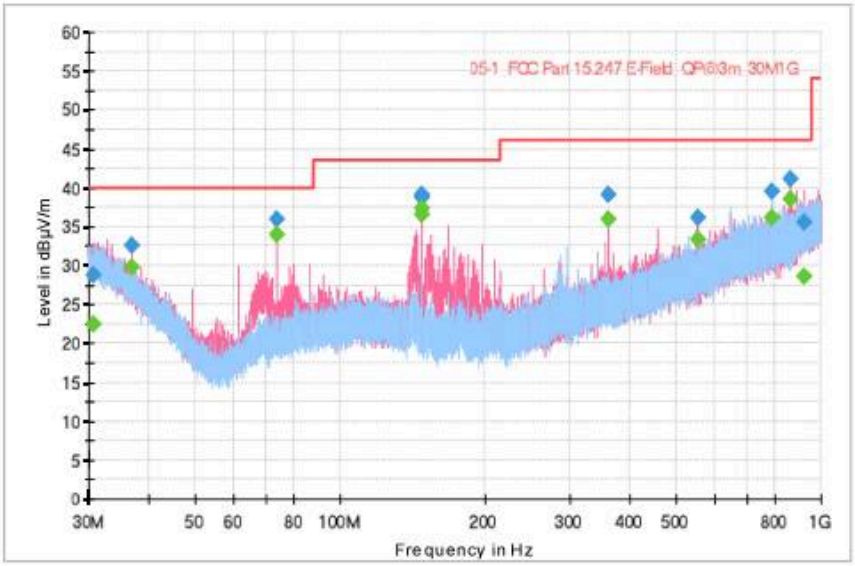
1) The spurious frequencies do not depend neither on the operating channel.
2) The results in the next tables show the maximum measured levels in the 1-3 GHz range. The restricted bands (band edge) were not measured, as the power measured was lower than that of the module.

FREQUENCY RANGE 30 MHz - 1 GHz:

Measurement data	☒	**Horizontal**	☒	**Vertical**
Operating mode / Info		Mode 1 / TX Channel Low 2412MHz.		

Common Information

EUT/Sample # / OM# : Rokoko Smartgloves II / 01/ 01
Voltage/Frequency : Powerbank
Port/Terminal under test : Enclosure
Remark/Comment : EUT ON. TX mode 802.11b 1Mbps. Setting 10dBm. Channel Lowest 2412MHz.



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
30.763500	28.72	22.36	40.00		2000.0	120.000	325.0	V
36.866500	32.68	29.84	40.00		2000.0	120.000	100.0	V
73.726000	36.04	33.93	40.00		2000.0	120.000	114.0	V
147.432000	38.71	36.65	43.52		2000.0	120.000	100.0	V
147.458833	39.14	37.41	43.52		2000.0	120.000	100.0	V
360.011000	39.11	36.00	46.02		2000.0	120.000	141.0	V
552.026666	36.23	33.38	46.02		2000.0	120.000	100.0	V
791.967500	39.45	36.20	46.02		2000.0	120.000	100.0	H
864.007000	41.17	38.53	46.02		2000.0	120.000	104.0	V
922.282833	35.59	28.64	46.02		2000.0	120.000	290.0	V

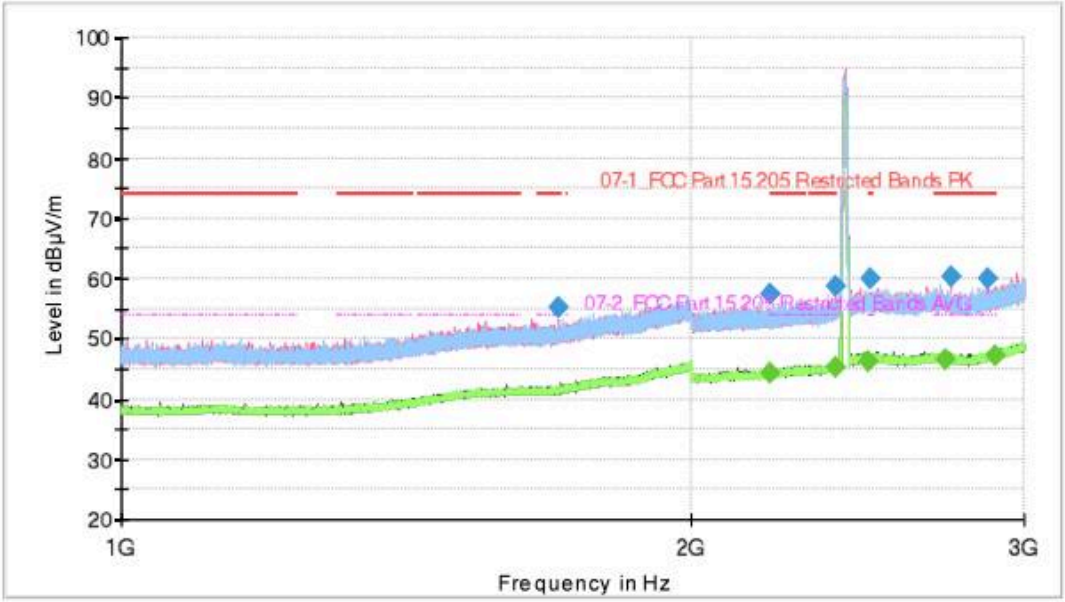
Remark	The spurious frequencies detected do not depend on either the operating channel.

FREQUENCY RANGE 1 - 3 GHz:

Measurement data	☒	**Horizontal**	☒	**Vertical**
Operating mode / Info		Mode 1 / TX Channel Low 2412MHz		

Common Information

EUT/Sample # / OM#	: Rokoko Smartgloves II / 01/ 01
Voltage/Frequency	: Powerbank
Port/Terminal under test	: Enclosure
Remark/Comment	: EUT ON. TX mode 802.11b 1Mbps. Setting 10dBm. Channel Lowest 2412MHz.



Preview Result 2V-AVG
Preview Result 2H-AVG
07-1_FCC Part 15.205 Restricted Bands PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
07-2_FCC Part 15.205 Restricted Bands AVG
Final_Result AVG

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
1700.666667	55.08	74.00	18.92	2000.0	1000.000	158.0	V	105.0
2200.000000	57.57	74.00	16.43	2000.0	1000.000	245.0	V	32.0
2387.266667	58.74	74.00	15.26	2000.0	1000.000	295.0	V	208.0
2489.000000	59.87	74.00	14.13	2000.0	1000.000	364.0	V	320.0
2741.933333	60.41	74.00	13.59	2000.0	1000.000	191.0	V	155.0
2871.733333	59.94	74.00	14.06	2000.0	1000.000	226.0	V	105.0

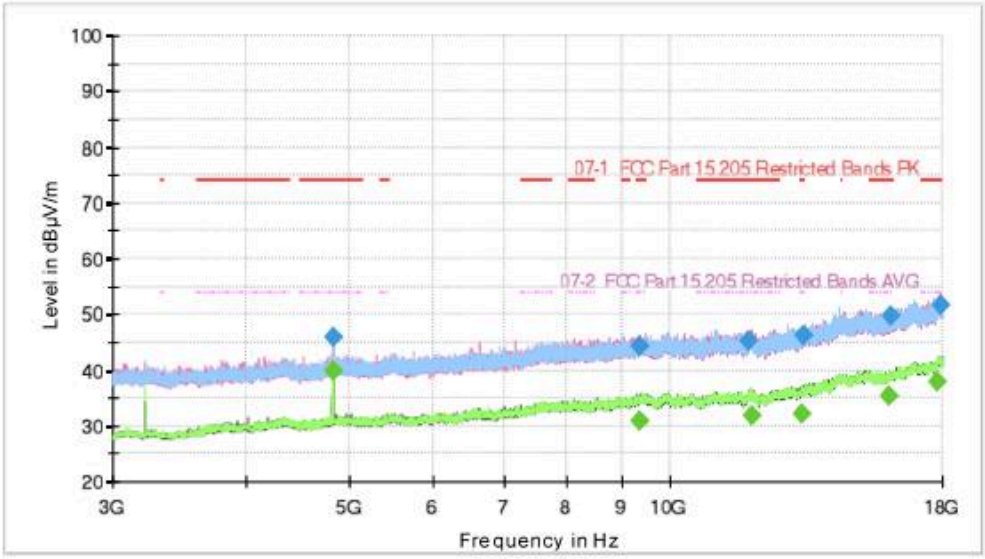
Remark	--

FREQUENCY RANGE 3 - 18 GHz:

Measurement data	☒	**Horizontal**	☒	**Vertical**
Operating mode / Info		Mode 1 / TX Channel Low 2412MHz		

Common Information

EUT/Sample # / OM#	: Rokoko Smartgloves II / 01/ 01
Voltage/Frequency	: Powerbank
Port/Terminal under test	: Enclosure
Remark/Comment	: EUT ON. TX mode 802.11b 1Mbps. Setting 10dBm. Channel Lowest 2412MHz.



Preview Result 2V-AVG
Preview Result 2H-AVG
07-1_FCC Part 15.205 Restricted Bands PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
07-2_FCC Part 15.205 Restricted Bands AVG
Final_Result AVG

No significant values were measured with a margin less than 20 dB to the limits.

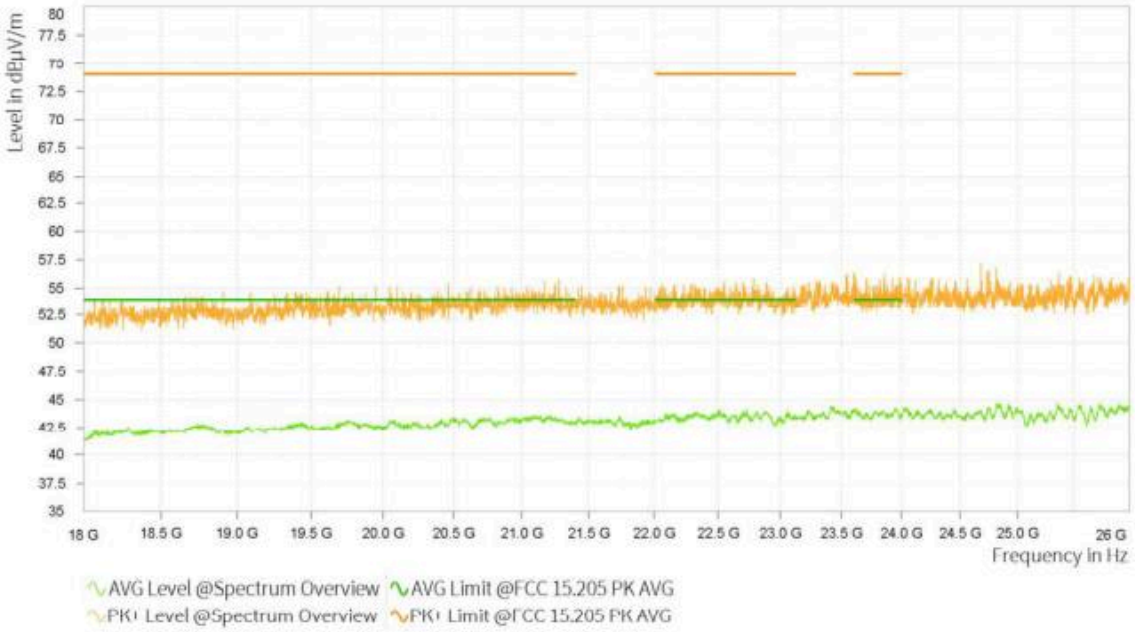
Remark	--

FREQUENCY RANGE 18 - 26 GHz:

Measurement data	☒	**Horizontal**	☒	**Vertical**
Operating mode / Info		Mode 1 / TX Channel Low 2412MHz		

Common Information

EUT/Sample # / OM#	: Rokoko Smartgloves II / 01/ 01
Voltage/Frequency	: Powerbank
Port/Terminal under test	: Enclosure
Remark/Comment	: EUT ON. TX mode 802.11b 1Mbps. Setting 10dBm. Channel Lowest 2412MHz.



Remark	The spurious frequencies detected do not depend on the operating channel.

5 ANNEX 1 - MEASUREMENT UNCERTAINTIES

The table(s) below show(s) measurment uncertainties of the EMC test set-ups. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Emission tests	**Uncertainty**
Radiated emissions; 30 MHz – 1000 MHz (Horz./Vert)	3.74 dB
Radiated emissions; 1000 MHz – 18000 MHz (Horz./Vert)	3.42 dB
Radiated emissions; 18000 MHz – 26000 MHz (Horz./Vert)	3.47 dB
Emission tests	**Uncertainty**
Maximum output power and antenna gain	1.00 dB
Power Spectral density	1.30 dB
Occupied Bandwidth	2 %
6dB Bandwidth	2 %
Band-edge emissions compliance	0.8 dB

6 ANNEX 2: USED EQUIPMENT

Test equipment used - Radiated Spurious Emissions (30 - 1000 MHz)				
Equipment	Manufacturer	Model	Dekra ID	Cal due.
EMI Test Receiver	Rohde & Schwarz	ESU26	126351	2026-09-18
Biconical / Logper Antenna	Rohde & Schwarz	HL 562E Ultralog	135981	2026-07-15
RF Coaxial Cable (10m)	Huber & Suhner	SF126EA	136156	2026-10-31
Anechoic Chamber	ETS-Lindgren	SAC-5m	129683	2029-03-05
Test-Control Software	Rohde & Schwarz	V10.60.20	500000	--

Test equipment used - Radiated Spurious Emissions (1GHz – 18GHz)				
Equipment	Manufacturer	Model	Dekra ID	Cal due.
EMI Test Receiver	Rohde & Schwarz	ESU26	126351	2026-09-18
Horn Antenna	Rohde & Schwarz	HF 907	134927	2028-01-13
Pre-Amplifier	Bonn Elektronik	BLMA 0118-5A	134808	2027-09-19
RF Coaxial Cable (1m)	Huber & Suhner	SF126EA	136182	2026-11-01
RF Coaxial Cable (10m)	Huber & Suhner	SF126EA	136156	2026-10-31
High Pass Filter	Wainwright Instruments	WHKX10-2700-3000-18000-40SS	132561-D	2026-10-08
Anechoic Chamber	ETS-Lindgren	SAC-5m	129683	2029-03-05
Test-Control Software	Rohde & Schwarz	V10.60.20	500000	---

Test equipment used - Radiated Spurious Emissions (18GHz – 26GHz)				
Equipment	Manufacturer	Model	Dekra ID	Cal due.
Spectrum Analyzer in TS-8997	Rohde & Schwarz	TS-149 (FSV40)	132392	2026-09-16
Anechoic Chamber	ETS-Lindgren	SAC-5m	129683	2029-03-05
Coaxial cable (2m)	Huber & Suhner	SUCOFLEX 126EA	132529	2026-10-07
Coaxial cable (5m)	Huber & Suhner	SUCOFLEX 102EA	134189	2026-10-03
Horn antenna	ETS Lindgren	3116C	132585	2026-11-02
Pre-Amplifier (18-40 GHz)	BONN ELEKTRONIK	BLMA 1840-5G	134807	2026-09-19
Test-Control Software	Rohde & Schwarz	Elektra V5.11		---

Test equipment used – Conducted measurements				
Equipment	Manufacturer	Model	Dekra ID	Cal due.
Spectrum Analyzer in TS-8997	Rohde & Schwarz	TS-149 (FSV40)	132392	2026-09-16
WideBand Power sensor	Rohde & Schwarz	NRP-Z81	134920	2028-06-23
Shielded Chamber	ETS Lindgren	RFD-100	135657	2028-09-16

7 ANNEX 3: DECLARATION OF MODIFICATIONS

To comply with the requirements of the Radiated Spurious Emission tests in the range of 30 – 1000 MHz, the following modifications have been done:

ROKOKO

Rokoko Electronics ApS
Sankt Gertruds Gade 10,
1129 Copenhagen, Denmark

Modifications during testing:

We Rokoko declare that we have implemented the following modifications for the Smart Gloves II / RKK-SG-02 to comply with the required regulations.
Once the final test reports are finalized we will implement the registered modifications into the production.

Component	Old value Ω	New value Ω	PCB	Placement
R66	22	220	Arm	Converter side
R164	22	220	Hub	CPU side top left corner
R165	22	220	Hub	CPU side top left corner
R34	33	100	Hub	CPU side top edge
R49	33	100	Hub	CPU side top edge
R37	33	100	Hub	CPU side left edge
R36	33	100	Hub	CPU side left edge
R42	33	330	Hub	By finger sensor connector

- Arm sensor changes: 22 Ohm to 220 Ohm resistor (NO PCB change)
- Satellite changes: Added status LED that is controlled by hub using the ffc connector. Added components for a more gradual startup of the Smartgloves (PCB change).
- Hub changes: Resistor changes to dampen unwanted signal emission. Added signals to control new LED. Slightly moved components to fit ffc cable (minor PCB change).
- Concerning the output TX power at 2.4 GHz,, we have changed the output power settings in the software to be compliant.

Rokoko Electronics ApS
Jakob Balslev
CEO & Founder