

ISED CABid: ES1909
 Lab Company Number: 4621A

Test report No:
 NIE: 74000REM.002A1

Test report

FCC Rules and Regulations CFR 47, Part 15, Subpart B and C (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)

(*) Identification of item tested	Sports watch with GNSS and BLE and WLAN connectivity
(*) Trademark	SUUNTO
(*) Model and /or type reference	OW222
Other identification of the product	---
(*) Features	FCC ID: RYPOW222 IC: 5175A-OW222 HW version: D2 SW version: 2.24 Features supported: GNSS, BLE, WLAN
Manufacturer	Suunto Oy Tammiston kauppatie 7A, 01510 Vantaa, Finland
Test method requested, standard	FCC Rules and Regulations CFR 47, Part 15, Subpart B and C (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)
Summary	IN COMPLIANCE
Approved by (name / position & signature)	José Manuel Gómez EMC Consumer & RF Lab. Manager
Date of issue	2023-04-18
Report template No	FDT08_24 (*) "Data provided by the client"



Index

ACRONYMS	3
COMPETENCES AND GUARANTEES	3
GENERAL CONDITIONS	4
UNCERTAINTY	4
DATA PROVIDED BY THE CLIENT	4
USAGE OF SAMPLES	5
TEST SAMPLE DESCRIPTION	6
IDENTIFICATION OF THE CLIENT	7
TESTING PERIOD AND PLACE	7
DOCUMENT HISTORY	7
ENVIRONMENTAL CONDITIONS	8
REMARKS AND COMMENTS	9
TESTING VERDICTS	9
LIST OF EQUIPMENT USED DURING THE TEST	9
SUMMARY	10
APPENDIX A: TEST RESULTS	11
DESCRIPTION OF THE OPERATION MODES	13
TEST STANDARDS VERSION APPLIED	14
TEST CASES DETAILS	15
<i>CE Continuous conducted emission</i>	15
<i>RE Radiated emission. Electromagnetic field measure</i>	24

Acronyms

Acronym ID	Acronym Description
Code	EMC Test Code
Freq Rng	Frequency Range
Line	Conducted Emissions - Tested Line
MP	Measurement Point
OM	Operation Mode
S/	Sample
V	Verdict

Competences and guarantees

DEKRA Testing and Certification S.A.U. is a testing laboratory accredited by the National Accreditation Body (ENAC -Entidad Nacional de Acreditación), to perform the tests indicated in the Certificate No. 51/LE 147.

DEKRA Testing and Certification S.A.U. is an FCC-recognized accredited testing laboratory with the appropriate scope of accreditation that covers the performed tests in this report, FCC designation number ES0004.

DEKRA Testing and Certification S.A.U. is an ISED recognized accredited testing laboratory, CABid: ES1909, Company Number: 4621A, with the appropriate scope of accreditation that covers the performed tests in this report.

In order to assure the traceability to other national and international laboratories, DEKRA Testing and Certification S.A.U. has a calibration and maintenance program for its measurement equipment.

DEKRA Testing and Certification S.A.U. 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 on the report and, it is based on the knowledge and technical facilities available at DEKRA Testing and Certification S.A.U. at the time of performance of the test.

DEKRA Testing and Certification S.A.U. 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 Testing and Certification S.A.U.

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 Testing and Certification S.A.U.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA Testing and Certification S.A.U. and the Accreditation Bodies.

Uncertainty

Uncertainty (factor $k=2$) was calculated according to the DEKRA Testing and Certification S.A.U. internal document PODT000.

The total uncertainty of the measurement system for the measured conducted disturbance characteristics of EUT from 150 kHz to 30 MHz is $I = \pm 3,9$ dB for quasi-peak measurements, $I = \pm 3,2$ dB for peak measurements ($k = 2$).

The total uncertainty of the measurement system for the measured radio disturbance characteristics of EUT from 30 MHz to 1000 MHz is $I = \pm 4,9$ dB for quasi-peak measurements, $I = \pm 4,6$ dB for peak measurements ($k = 2$).

The total uncertainty of the measurement system for the measured radio disturbance characteristics of EUT from 1000 MHz to 12.75 GHz is $I = \pm 2,6$ dB for peak and average measurements ($k = 2$).

Data provided by the client

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").
2. The sample consists of a sports watch with GPS for tracking outdoor trainings, optical heart rate measurement and BLE connectivity to connect with a smart phone and the Suunto App for recording training logs and analyze training and 24/7 data. WLAN connectivity for map downloading.

DEKRA Testing and Certification S.A.U. declines any responsibility with respect to the information provided by the client and that may affect the validity of results.

Usage of samples

Samples under test have been selected by: The client.

Id	Control Number	Description	Model	Serial N°	Date of Reception	Application
S/01	74000_30.1	Watch Commercial	--	22511300126	2023-01-11	Element Under Test
	74000_31.1	USB charger Watch	--	--	2023-01-11	Element Under Test
S/02	74000_48.1	Watch Conducted BLE,WLAN	--	22511300120	2023-01-11	Element Under Test
	74000_61.1	USB charger Watch	--	--	2023-01-11	Element Under Test
	7769-3	AC/DC	--	43796	2023-01-11	Auxiliary Element

Notes referenced to samples during the project.

Test sample description

Ports..... :	Port name and description	Cable					
		Specified max length [m]	Attached during test	Shielded	Coupled to patient ⁽³⁾		
	Charging cable	< 3m	[X]	[]	[]		
Supplementary information to the ports..... :						
Rated power supply	Voltage and Frequency		Reference poles				
			L1	L2	L3	N	PE
	[]	AC:	[]	[]	[]	[]	[]
	[]	AC:	[]	[]	[]	[]	[]
	[X]	DC: Internal battery					
[]	DC:						
Rated Power						
Clock frequencies.....						
Other parameters						
Software version	2.24						
Hardware version	D2						
Dimensions in cm (W x H x D)						
Mounting position	[]	Table top equipment					
	[]	Wall/Ceiling mounted equipment					
	[]	Floor standing equipment					
	[]	Hand-held equipment					
	[X]	Other: Wearable device					
Modules/parts.....	Module/parts of test item		Type	Manufacturer			
	Sports watch		OW222	Suunto Oy			
	Charging cable		CC221	Suunto Oy			
Accessories (not part of the test item)	Description		Type	Manufacturer			
			
Documents as provided by the applicant	Description		File name	Issue date			
			

⁽³⁾ Only for Medical Equipment

Identification of the client

Suunto Oy
Tammiston kauppatie 7A, 01510 Vantaa, Finland

Testing period and place

Test Location	DEKRA Testing and Certification S.A.U.
Date (start)	2023-02-21
Date (finish)	2023-02-21

Document history

Report number	Date	Description
74000REM.002	2023-03-13	First release
74000REM.002A1	2023-04-18	First modification: FCC Rules and Regulations CFR 47, Part 15, Subpart C (10-1-21 Edition), Section 15.207 is added. This modified test report cancels and replaces the test report 74000REM.002.

Environmental conditions

In the control chamber, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860mbar Max. = 1060mbar

In the semianechoic chamber, the following limits were not exceeded during the test.

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860mbar Max. = 1060mbar

In the chamber for conducted measurements, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 60 %
Air pressure	Min. = 860mbar Max. = 1060mbar

Remarks and comments

The tests have been performed by the technical personnel: Victoria Olmedo Villalba.

Testing verdicts

Fail	F
Inconclusive	I
Not applicable	N/A
Not measured	N/M
Pass	P
Partial Passed	P*

List of equipment used during the test

Control No.	Equipment	Model	Manufacturer	Next Calibration
7822	EMC SOFTWARE	RADIMATION	DARE INSTRUMENTS	--
7853	EMI RECEIVER 10Hz-30MHz	PMM 9010F	NARDA	2023-12-03
8165	GROUNDED PLANE LAB-3	--	--	--
7859	THREE-PHASE ARTIFICIAL NETWORK 32A	PMM L3-32	NARDA	2024-02-01
2010	HORN ANTENNA 0.5-6GHz	BBHA 9120 E	SCHWARZBECK MESS- ELEKTRONIK	2024-06-25
6815	HYBRID BILOG ANTENNA 30MHz-6GHz	3142E	ETS LINDGREN	2025-03-04
9361	PRE-AMPLIFIER G>40dB 1-18 GHz	BLMA 0118-1M	BONN ELEKTRONIK	2023-05-11
7614	SEMIANECHOIC ABSORBER LINED CHAMBER V	FACT 3 200 STP	ETS LINDGREN	--
7553	TEMPERATURE AND HUMIDITY PROBE	HWg-STE	HW GROUP	2023-04-19
7816	EMI TEST RECEIVER 1Hz-26.5GHz	ESW26	ROHDE AND SCHWARZ	2023-11-04

Summary

Test Specification.	Requirement – Test case	Verdict	Remark
FCC Part 15, Subpart B (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	CE Continuous conducted emission	Pass	--
FCC CFR 47, Part 15, Subpart B and C (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	RE Radiated emission. Electromagnetic field measure.	Pass	--
<u>Supplementary information and remarks:</u> None			

Appendix A: Test results

Appendix A content

APPENDIX A: TEST RESULTS	11
DESCRIPTION OF THE OPERATION MODES	13
TEST STANDARDS VERSION APPLIED	14
TEST CASES DETAILS	15
<i>CE Continuous conducted emission</i>	15
<i>RE Radiated emission. Electromagnetic field measure</i>	24

Description of the operation modes

The operation modes described in this paragraph constitute a functionality of the sample under test for itself. Every operation mode takes a failure criteria for the immunity test that they were applying to it and a monitoring to guarantee performance of the same ones.

The operation modes used by the samples to which the present report refers, are shown in the following table:

Id	Description
OM/01	EUT ON. Bluetooth low energy OFF. WIFI OFF. GNSS in RX mode. Battery charging. Power supply: 115Vac.
OM/02	EUT ON. Bluetooth low energy in RX mode. WIFI OFF. GNSS in RX mode. Battery charging. Power supply: 115Vac.
OM/03	EUT ON. Bluetooth low energy OFF. WIFI in RX mode. GNSS in RX mode. Battery charging. Power supply: 115Vac.
OM/04	EUT ON. Bluetooth low energy in TX mode. WIFI OFF. GNSS in RX mode. Battery charging. Power supply: 115Vac.
OM/05	EUT ON. Bluetooth low energy OFF. WIFI in TX mode. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Test standards version applied

The product standards and test standards applied for each test cases are shown in the following table:

Product Test Standard	Test standard	Requirement – Test case
FCC CFR 47, Part 15, Subpart B (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	ANSI C63.4 (2014)	RE Radiated emission.
FCC CFR 47, Part 15, Subpart B and C (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	ANSI C63.4 (2014)	CE Continuous conducted emission

Test Cases Details

CE Continuous conducted emission

Limits

Limits of interference Class B

The applied limit for continuous conducted emissions in power leads, according with the requirements of FCC Rules and Regulations 47 CFR Part 15, Subpart B and C (10-1-21 Edition), Secs. 15.107 and 15.207 & ICES-003 Issue 7 (October 2020), in the frequency range 0,15 to 30 MHz, for Class B equipment was:

Frequency range (MHz)	Limit (dBµV)	
	Quasi-Peak	Average
0,15 to 0,5	66 - 56	56 - 46
0,5 to 5	56	46
5 to 30	60	50

Results

S/	OM	Code	Freq Rng (MHz)	Line	V
02	OM/02	CE02020N	[0.15, 30]	N	P
02	OM/02	CE0202L1	[0.15, 30]	L1	P
02	OM/03	CE02030N	[0.15, 30]	N	P
02	OM/03	CE0203L1	[0.15, 30]	L1	P
02	OM/04	CE02040N	[0.15, 30]	N	P
02	OM/04	CE0204L1	[0.15, 30]	L1	P
02	OM/05	CE02050N	[0.15, 30]	N	P
02	OM/05	CE0205L1	[0.15, 30]	L1	P

Verdict

Pass

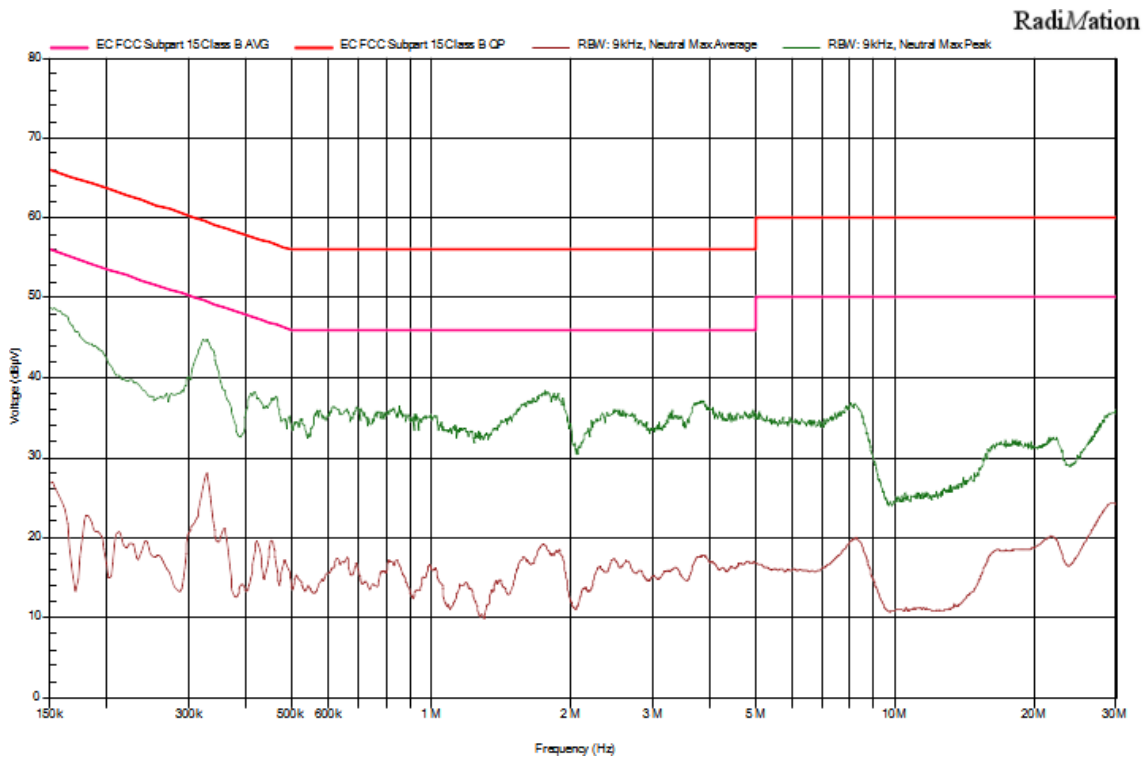
Attachments

EMC Test Code = CE02020N Frequency Range MHz = [0.15, 30]
 Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/02. EUT ON. Bluetooth low energy in RX mode. WIFI OFF. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	26,7 dBµV	48,8 dBµV	N
0,183 MHz	22,7 dBµV	44,3 dBµV	N
0,326 MHz	28 dBµV	44,6 dBµV	N
0,414 MHz	17,5 dBµV	38,3 dBµV	N
0,453 MHz	19,6 dBµV	37,4 dBµV	N
0,618 MHz	16,3 dBµV	36,4 dBµV	N
0,99 MHz	16,6 dBµV	35,2 dBµV	N
1,78 MHz	18,5 dBµV	38,2 dBµV	N
2,495 MHz	17,1 dBµV	35,9 dBµV	N
3,828 MHz	17,6 dBµV	37,2 dBµV	N

EMC Test Code = CE0202L1

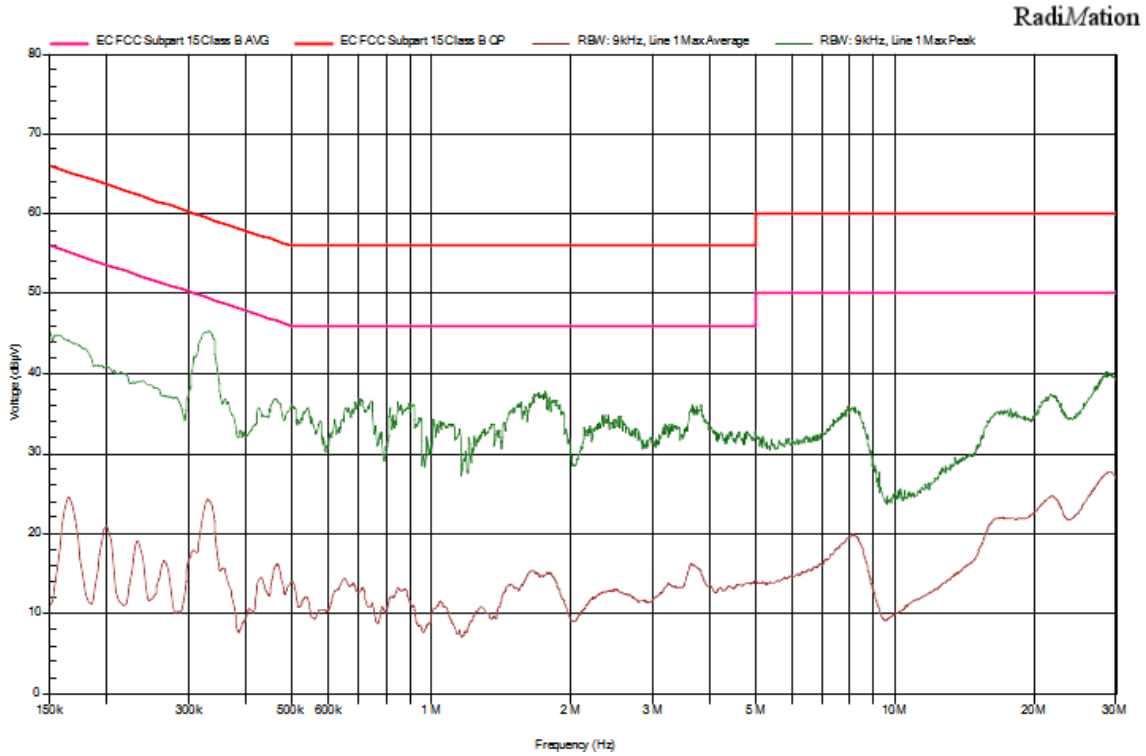
Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/02. EUT ON. Bluetooth low energy in RX mode. WIFI OFF. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	10,9 dBµV	45,3 dBµV	L1
0,328 MHz	24,2 dBµV	45,2 dBµV	L1
0,461 MHz	16 dBµV	36,9 dBµV	L1
0,649 MHz	14,4 dBµV	35 dBµV	L1
0,704 MHz	12,8 dBµV	36,8 dBµV	L1
0,849 MHz	13,2 dBµV	36,2 dBµV	L1
1,694 MHz	14,9 dBµV	37,5 dBµV	L1
2,358 MHz	12,6 dBµV	34,6 dBµV	L1
3,812 MHz	15,1 dBµV	36,1 dBµV	L1
29,182 MHz	27,6 dBµV	40 dBµV	L1

EMC Test Code = CE02030N

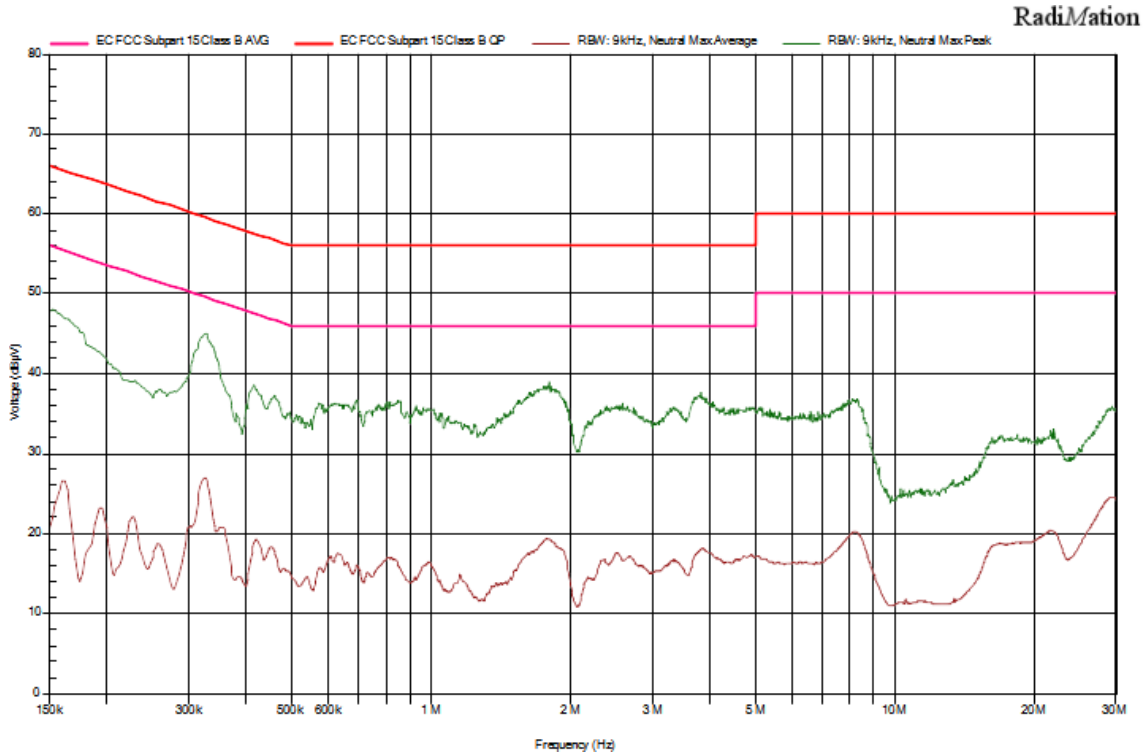
Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/03. EUT ON. Bluetooth low energy OFF. WIFI in RX mode. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	20,8 dBµV	47,8 dBµV	N
0,326 MHz	26,9 dBµV	45 dBµV	N
0,414 MHz	18,8 dBµV	38,6 dBµV	N
0,63 MHz	17,4 dBµV	36,2 dBµV	N
0,688 MHz	15,8 dBµV	36,5 dBµV	N
0,806 MHz	17 dBµV	36,6 dBµV	N
0,849 MHz	16 dBµV	36,3 dBµV	N
1,792 MHz	19,3 dBµV	39 dBµV	N
2,532 MHz	17,4 dBµV	35,9 dBµV	N
3,761 MHz	17,5 dBµV	37,2 dBµV	N

EMC Test Code = CE0203L1

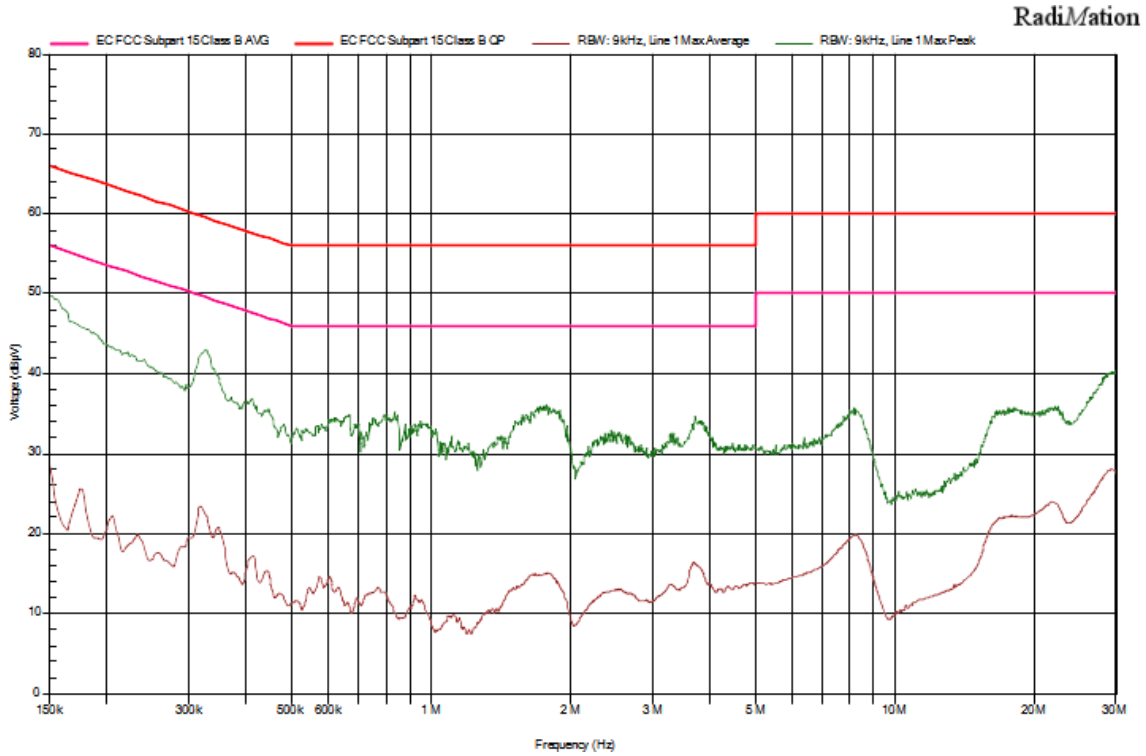
Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/03. EUT ON. Bluetooth low energy OFF. WIFI in RX mode. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	28,4 dBµV	49,7 dBµV	L1
0,175 MHz	25,6 dBµV	45,9 dBµV	L1
0,326 MHz	22,3 dBµV	42,9 dBµV	L1
0,41 MHz	17,2 dBµV	36,9 dBµV	L1
0,659 MHz	11,3 dBµV	34,6 dBµV	L1
0,792 MHz	12,7 dBµV	34,7 dBµV	L1
0,964 MHz	11,1 dBµV	33,8 dBµV	L1
1,776 MHz	15 dBµV	36,1 dBµV	L1
3,714 MHz	16,1 dBµV	34,3 dBµV	L1
29,493 MHz	27,9 dBµV	40 dBµV	L1

EMC Test Code = CE02040N

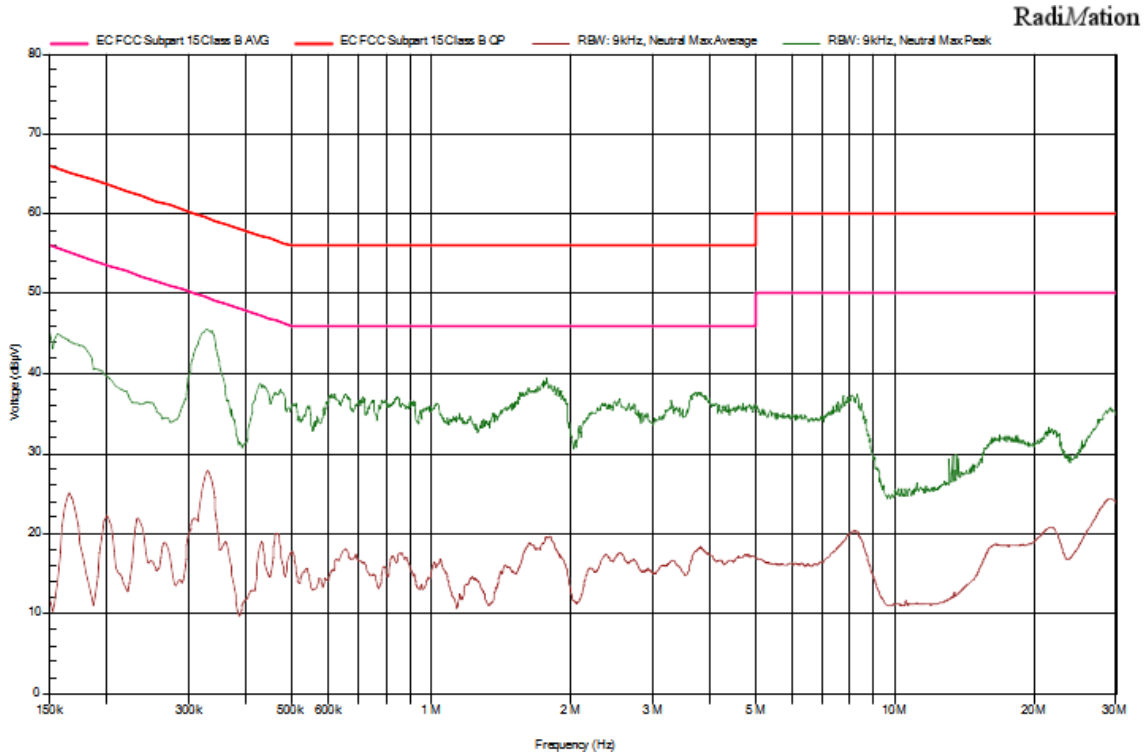
Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/04. EUT ON. Bluetooth low energy in TX mode. WIFI OFF. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,328 MHz	28 dBµV	45,6 dBµV	N
0,432 MHz	18,6 dBµV	38,6 dBµV	N
0,465 MHz	19,9 dBµV	37,4 dBµV	N
0,5 MHz	17,6 dBµV	35,9 dBµV	N
0,653 MHz	18 dBµV	37,5 dBµV	N
0,845 MHz	16,6 dBµV	37,2 dBµV	N
1,025 MHz	15,7 dBµV	36,4 dBµV	N
1,778 MHz	19,4 dBµV	39,4 dBµV	N
2,534 MHz	17,5 dBµV	36,5 dBµV	N
3,704 MHz	17,7 dBµV	37,6 dBµV	N

EMC Test Code = CE0204L1

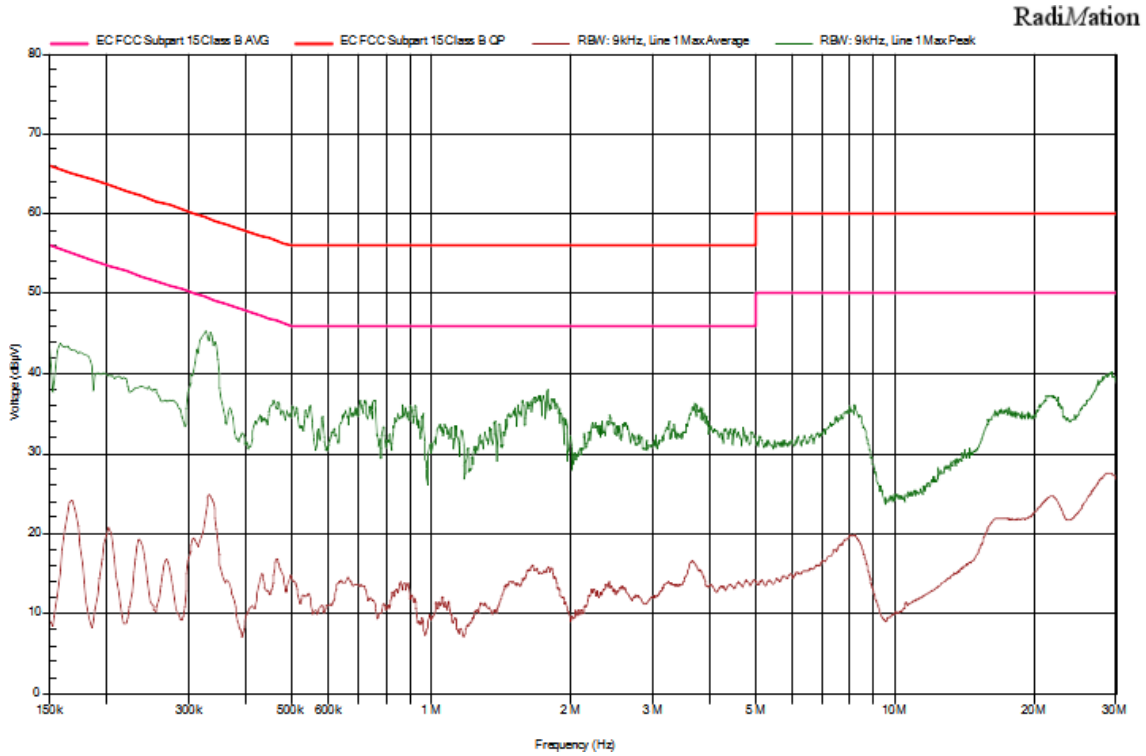
Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/04. EUT ON. Bluetooth low energy in TX mode. WIFI OFF. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,326 MHz	22,4 dBµV	45,4 dBµV	L1
0,457 MHz	14,8 dBµV	36,7 dBµV	L1
0,581 MHz	11,1 dBµV	34,6 dBµV	L1
0,702 MHz	13,6 dBµV	36,8 dBµV	L1
0,923 MHz	12 dBµV	35,6 dBµV	L1
1,575 MHz	14,3 dBµV	36,8 dBµV	L1
1,78 MHz	15,4 dBµV	37,6 dBµV	L1
2,432 MHz	13 dBµV	34,8 dBµV	L1
3,671 MHz	16,4 dBµV	35,4 dBµV	L1
28,902 MHz	27,5 dBµV	39,9 dBµV	L1

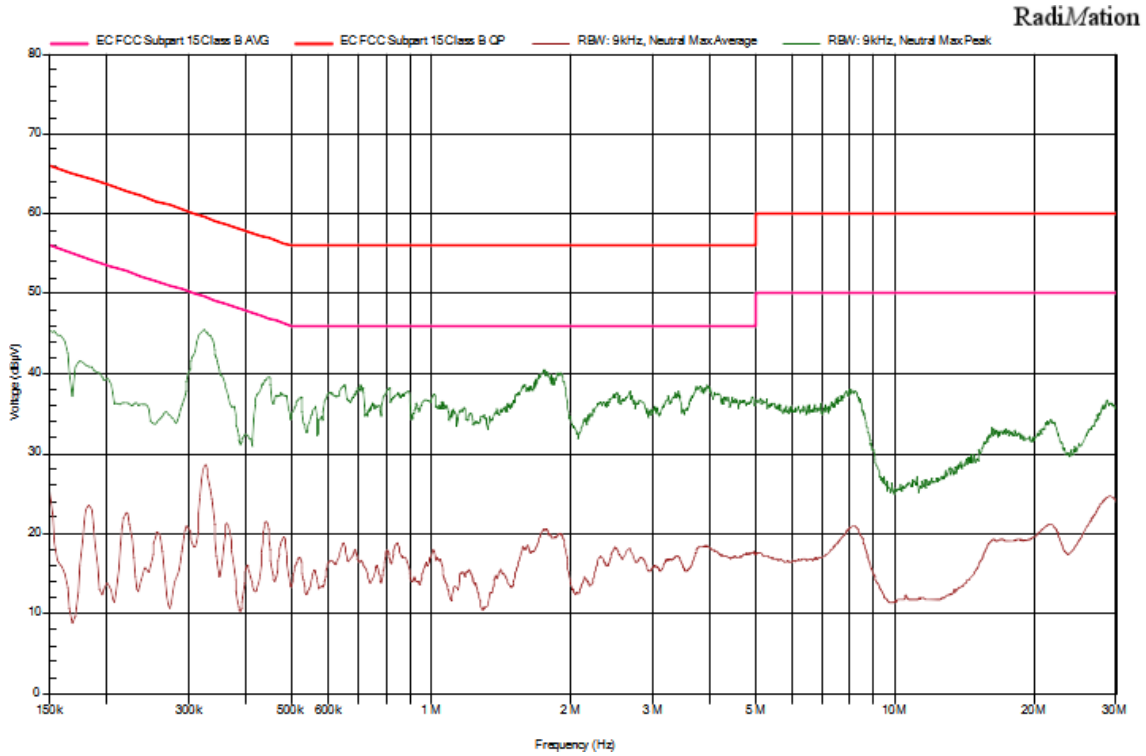
EMC Test Code = CE02050N Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/05. EUT ON. Bluetooth low energy OFF. WIFI in TX mode. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,324 MHz	28,5 dBµV	45,5 dBµV	N
0,442 MHz	21,2 dBµV	39,5 dBµV	N
0,645 MHz	18,9 dBµV	38,4 dBµV	N
0,808 MHz	17,6 dBµV	38 dBµV	N
0,843 MHz	18,9 dBµV	37,2 dBµV	N
1,009 MHz	18 dBµV	37,2 dBµV	N
1,749 MHz	20,3 dBµV	40,4 dBµV	N
2,681 MHz	17,9 dBµV	37,8 dBµV	N
3,413 MHz	17 dBµV	37,4 dBµV	N
3,777 MHz	18,2 dBµV	38,2 dBµV	N

EMC Test Code = CE0205L1

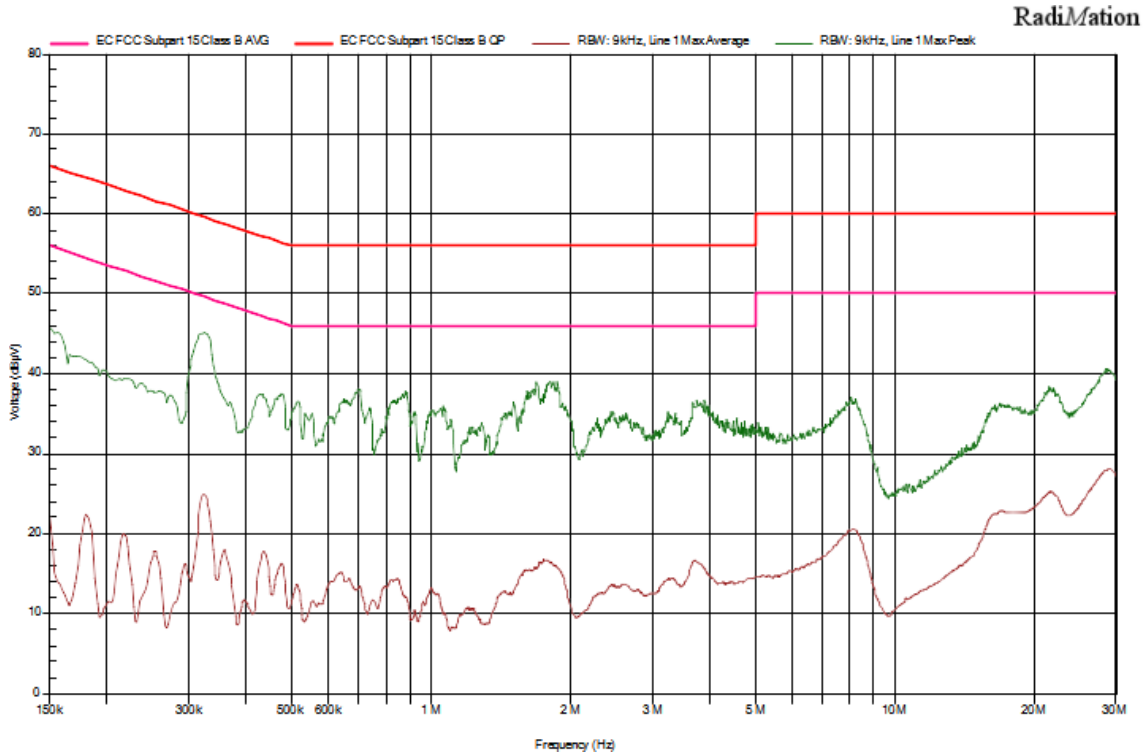
Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/05. EUT ON. Bluetooth low energy OFF. WIFI in TX mode. GNSS in RX mode. Battery charging. Power supply: 115Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,324 MHz	24,8 dBµV	45,2 dBµV	L1
0,473 MHz	16,1 dBµV	37,2 dBµV	L1
0,514 MHz	13,7 dBµV	36,6 dBµV	L1
0,696 MHz	13,2 dBµV	38 dBµV	L1
0,88 MHz	12 dBµV	37,9 dBµV	L1
1,51 MHz	12,9 dBµV	36,3 dBµV	L1
1,688 MHz	15,5 dBµV	38,7 dBµV	L1
1,802 MHz	16,3 dBµV	39 dBµV	L1
3,749 MHz	16,2 dBµV	36,3 dBµV	L1
29,009 MHz	27,9 dBµV	40,5 dBµV	L1

RE Radiated emission. Electromagnetic field measure

Limits

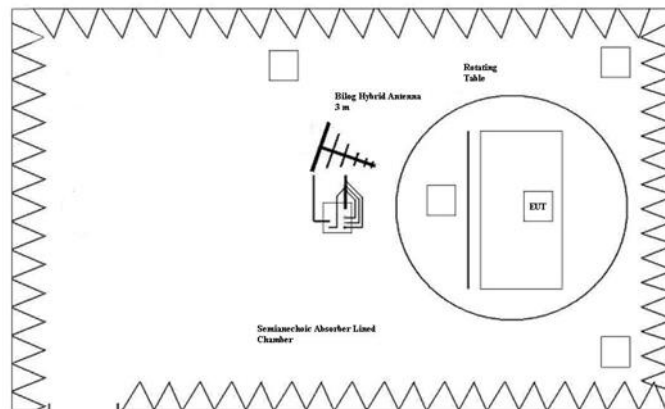
Limits of interference Class B

The applied limit for radiated emissions, 3 m distance, according to the requirements of FCC Rules and Regulations 47 CFR Part 15, Subpart B (10-1-21 Edition), Secs. 15.109 & ICES-003 Issue 7 (October 2020)

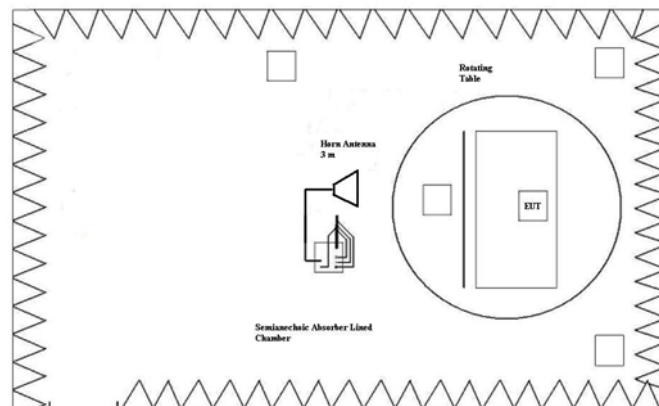
Frequency range (MHz)	FCC Part 15B		ICES-003 Issue 7		FCC Part 15B & ICES-003 Issue 7	
	QP Limit for 3 m		QP Limit for 3 m		PK Limit for 3 m	AVG Limit for 3 m
	($\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)	($\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)
30 to 88	100	40	100	40	---	---
88 to 216	150	43.5	150	43.5	---	---
216 to 230	200	46	200	46	---	---
230 to 960	200	46	224	47		
960 to 1000	500	54	500	54	---	---
Above 1000	---	---	---	---	74	54

Limits according to FCC Part 15B, are equal or more stringent than those of ICES-003 Issue 7.

Setup for measurements



Setup for measurements < 1GHz.



Setup for measurements > 1GHz.

Results

S/	OM	Code	Freq Rng (MHz)	V
01	OM/01	RE0101LR	[30, 1000]	P
01	OM/01	RE0101HR	[1000, 12750]	P

Verdict

Pass

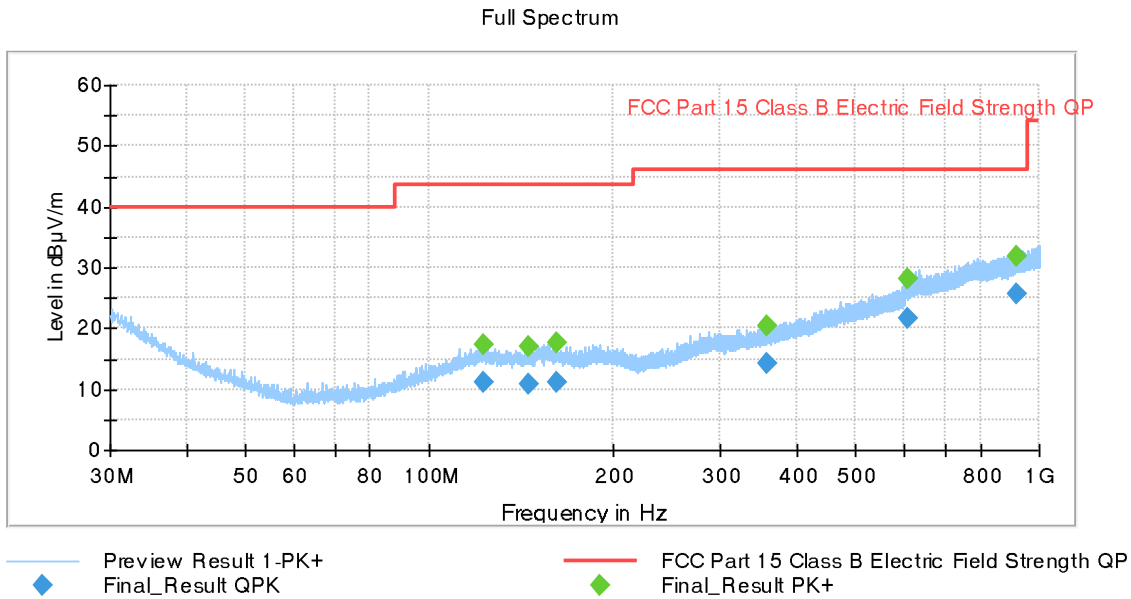
Attachments

EMC Test Code = RE0101LR Frequency Range MHz = [30, 1000]

Sample ID: S/01

Operation Mode: OM/01. EUT ON. Bluetooth low energy OFF. WIFI OFF. GNSS in RX mode. Battery charging.
 Power supply: 115Vac.

Images:



Tables:

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak(dBµV/m)	Limit(dBµV/m)	Margin(dB)	Height(cm)	Pol	Azimuth(deg)
122.798000	---	17.41	---	---	194.0	H	52.0
122.798000	11.09	---	43.52	32.43	194.0	H	52.0
145.299000	---	16.93	---	---	400.0	H	33.0
145.299000	10.73	---	43.52	32.79	400.0	H	33.0
161.425000	11.02	---	43.52	32.50	394.0	H	284.0
161.425000	---	17.67	---	---	394.0	H	284.0
357.409000	14.07	---	46.00	31.93	385.0	H	208.0
357.409000	---	20.45	---	---	385.0	H	208.0
609.135000	21.62	---	46.00	24.38	111.0	V	300.0
609.135000	---	28.22	---	---	111.0	V	300.0
915.399000	25.74	---	46.00	20.26	307.0	H	285.0
915.399000	---	31.97	---	---	307.0	H	285.0

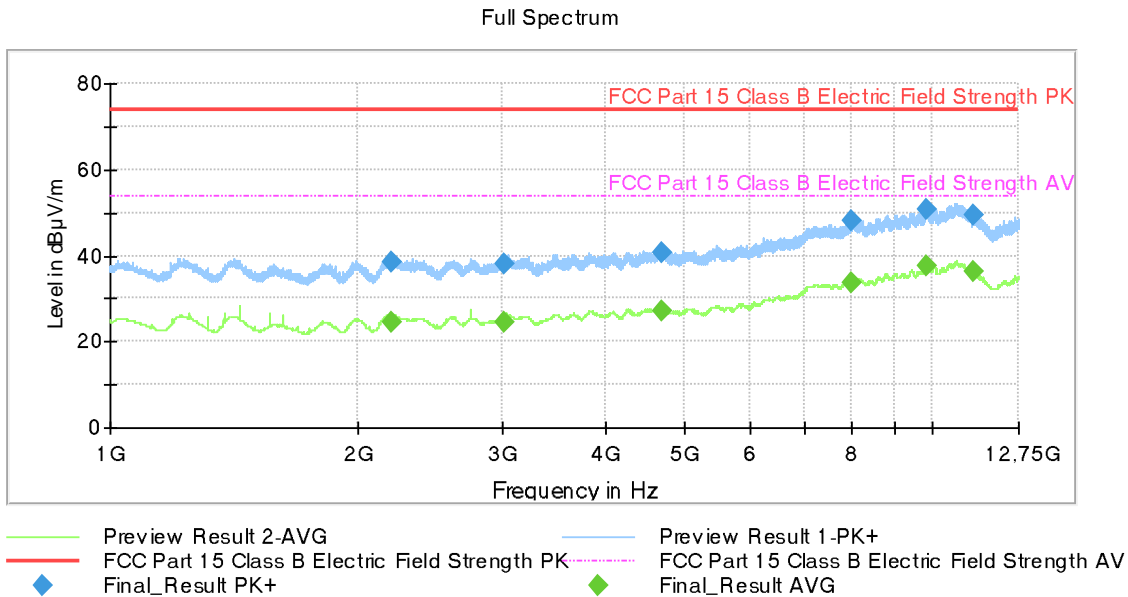
Attachments

EMC Test Code = RE0101HR Frequency Range MHz = [1000, 12750]

Sample ID: S/01

Operation Mode: OM/01. EUT ON. Bluetooth low energy OFF. WIFI OFF. GNSS in RX mode. Battery charging.
 Power supply: 115Vac.

Images:



Tables:

Frequency (MHz)	MaxPeak (dBµV/m)	Average(dBµV/m)	Limit(dBµV/m)	Margin(dB)	Height(cm)	Pol	Azimuth(deg)
2197.620000	---	24.32	53.97	29.65	350.0	V	222.0
2197.620000	38.61	---	73.97	35.36	350.0	V	222.0
3013.060000	---	24.35	53.97	29.62	152.0	V	296.0
3013.060000	37.91	---	73.97	36.06	152.0	V	296.0
4705.000000	---	26.96	53.97	27.01	187.0	H	243.0
4705.000000	40.52	---	73.97	33.45	187.0	H	243.0
7969.480000	48.11	---	73.97	25.86	350.0	V	183.0
7969.480000	---	33.80	53.97	20.17	350.0	V	183.0
9869.840000	---	37.43	53.97	16.55	308.0	V	358.0
9869.840000	50.81	---	73.97	23.16	308.0	V	358.0
11233.920000	49.45	---	73.97	24.52	323.0	H	224.0
11233.920000	---	36.31	53.97	17.66	323.0	H	224.0