DEKRA Testing and Certification, S.A.U.
Parque Tecnológico de Andalucía,
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C.I.F. A29 507 456

Test report No:
75417REM.002

Test report

FCC Rules and Regulations CFR 47, Part 15, Subpart B and C(15.207) (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)

(*) Identification of item tested	Premium Outdoor Multisport Watch
(*) Trademark	Polar
(*) Model and /or type reference	Model name: 5S Commercial name: Grit X2 Pro
(*) Other identification of the product	FCC ID: INW5S IC: 6248A-5S
(*) Features	HW version: 007107626 SW version: 0.24.0 Features supported: Bluetooth LE, GNSS: Dual band GNSS (L1 & L5), GPS, Galileo, Glonass, BDS
Manufacturer	Polar Electro Oy Professorintie 5, 90440 Kempele, FINLAND
Test method requested, standard	FCC Rules and Regulations CFR 47, Part 15, Subpart B and C (15.207) (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)
Summary	IN COMPLIANCE
Approved by (name / position & signature)	José Manuel Gómez Galván EMC Consumer & RF Lab. Manager Firmado digitalmente por 53680346W JOSE MANUEL GOMEZ (C:A29507456) Fecha: 2023.10.19 12:32:07 +02'00'
Date of issue	2023-10-19
Report template No	FDT08_24 (*) "Data provided by the client"

Index

ACRONYMS 3
COMPETENCES AND GUARANTEES 3
GENERAL CONDITIONS 3
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

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.

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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 = ± 3,9 dB for quasi-peak measurements, I = ± 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 = ± 4,9 dB for quasi-peak measurements, I = ± 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 = ± 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 Premium Outdoor Multisport Watch. Premium Outdoor Multisport Watch with Bluetooth low-energy connectivity and wrist-based optical heart rate.

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 undergoing test have been selected by: The client.

Id	Control Number	Description	Model	Serial Nº	Date of Reception	Application
S/01	75417_1.1	SmartWatch (Black)	--	F3335S1700414	2023-08-25	Element Under Test
	75417_3.1	USB charging cable	--	--	2023-08-25	Element Under Test
	73003C_49.1	AC/DC adapter	S82A40	20860191359_S_SO	2022-09-29	Auxiliary Element
S/02	75417_2.1	SmartWatch (White)	--	F3335U1700427	2023-08-25	Element Under Test
	75417_4.1	USB charging cable	--	--	2023-08-25	Element Under Test
	73003C_49.1	AC/DC adapter	S82A40	20860191359_S_SO	2022-09-29	Auxiliary Element
S/03	75417_1.1	SmartWatch (Black)	--	F3335S1700414	2023-08-25	Element Under Test
	75417_3.1	USB charging cable	--	--	2023-08-25	Element Under Test
	CTC-4667-U	Laptop	Latitude 5300	1M1WFW2	--	Auxiliary Element
S/04	75417_2.1	SmartWatch (White)	--	F3335U1700427	2023-08-25	Element Under Test
	75417_4.1	USB charging cable	--	--	2023-08-25	Element Under Test
	CTC -0157-B	Laptop	Latitude 5300	DM5BJW2	--	Auxiliary Element

Notes referenced to samples during the project:

Id	Type	Note
S/01	Commercial	For Charging mode.
S/02	Commercial	For Charging mode for parallel testing.
S/03	Commercial	For tabletop setup connected to a PC.
S/04	Commercial	For tabletop setup connected to a PC, for parallel testing.

Test sample description

Ports…… :	Port name and description	Cable			
		Specified max length [m]	Attached during test	Shielded	Coupled to patient(3)
	USB port	0.6	[X]	[ ]	[ ]
Supplementary information to the ports…… :	Not provided data				

Rated power supply .....:	Voltage and Frequency	Reference poles				
		L1	L2	L3	N	PE
	[X] DC: 3,87 Vdc					

Rated Power .....:	1,7 W
Clock frequencies.....:	32 MHz, 26 MHz, 24 MHz, 32.768 kHz
Other parameters .....:	Not provided data
Software version .....:	0.24.0
Hardware version .....:	007107626
Dimensions in cm (W x H x D) ....:	Not provided data

Mounting position .....:	[ ]	Table top equipment
	[ ]	Wall/Ceiling mounted equipment
	[ ]	Floor standing equipment
	[X]	Hand-held equipment
	[ ]	Other: .....

Modules/parts.....:	Module/parts of test item	Type	Manufacturer
	Not provided data	.....	.....
Accessories (not part of the test item) .....:	Description	Type	Manufacturer
	Not provided data	.....	.....
Documents as provided by the applicant .....:	Description	File name	Issue date
	Not provided data	.....	.....

(3) Only for Medical Equipment

Identification of the client

Polar Electro Oy
Professorintie 5, 90440 Kempele, FINLAND

Testing period and place

Test Location	DEKRA Testing and Certification S.A.U.
Date (start)	2023-09-11
Date (finish)	2023-09-21

Document history

Report number	Date	Description
75417REM.002	2023-10-19	First release

Environmental conditions

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

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

Remarks and comments

The tests have been performed by the technical personnel: Ruben Mora Fernandez and 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
4523	EMI TEST RECEIVER 20Hz-26.5GHz	ESU26	ROHDE AND SCHWARZ	2023-11-05
5862	EMI TEST RECEIVER 9kHz-7GHz	ESR7	ROHDE AND SCHWARZ	2025-02-15
8165	GROUNDED PLANE LAB-3	-	--	--
7763	HORN ANTENNA 1-18GHz	BBHA 9120D	SCHWARZBECK MESS- ELEKTRONIK	2026-01-16
2932	HYBRID BILOG ANTENNA 30MHz-6GHz	JB6	SUNOL SCIENCES CORPORATION	2023-10-29
7769	PREAMPLIFIER 30dB 500MHz-18GHz	BBV 9718 C	SCHWARZBECK	2024-02-15
8130	SEMIANECHOIC ABSORBER LINED CHAMBER	P29419	ALBATROSS	--
8134	SHIELDED ROOM	P29419	ALBATROSS PROJECTS GMBH	--
4848	SOFTWARE FOR EMC/RF TESTING	EMC32	ROHDE AND SCHWARZ	--
7549	TEMPERATURE AND HUMIDITY PROBE	HWg-STE	HW GROUP	2024-05-02
7550	TEMPERATURE AND HUMIDITY PROBE	HWg-STE	HW GROUP	2024-05-02
7859	THREE-PHASE ARTIFICIAL NETWORK 32A	PMM L3-32	NARDA	2024-02-01

Summary

Test Specification	Requirement – Test case	Verdict	Remark
FCC CFR 47, Part 15, Subpart B and C(15.207) (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	RE Radiated emission. Electromagnetic field measure	**P**	(1)
	CE Continuous conducted emission	**P**	(2)

Supplementary information and remarks:

(1) Range: f>12.75 GHz. Test required only to the 5th harmonics of the maximum internal work frequency in the EUT.

(2) Test performed on the auxiliary AC port on the AC/DC adapter and in the AC port on an auxiliary host used in a tabletop setup.

Appendix A: Test results

Appendix A content

DESCRIPTION OF THE OPERATION MODES 13

TEST STANDARDS VERSION APPLIED 14

TEST CASES DETAILS 15

CE Continuous conducted emission 15

RE Radiated emission. Electromagnetic field measure 22

Description of the operation modes

The operation modes described in this paragraph constitute a functionality of the sample under test for itself.

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. Charging battery and transfering data to PC. Power supply: 115 Vac.
OM/02	EUT ON. Smart watch in flight mode and charging. Power supply: 115 Vac (auxiliary AC/DC). EUT power supply: 5Vdc.
OM/03	EUT ON. Smart watch charging. Bluetooth Low Energy ON with communication established. GNSS in receiving mode. Power supply: 115 Vac (auxiliary AC/DC). EUT power supply: 5Vdc.

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 and C (15.207) (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	ANSI C63.4 (2014)	RE Radiated emission.
	ANSI C63.4 (2014)	CE Continuous conducted emission

Test Cases Details

CE Continuous conducted emission

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

*Decreases with the logarithm of the frequency.

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
04	OM/01	CE04010N	[0.15, 30]	N	P
04	OM/01	CE0401L1	[0.15, 30]	L1	P

Verdict

Pass

Attachments

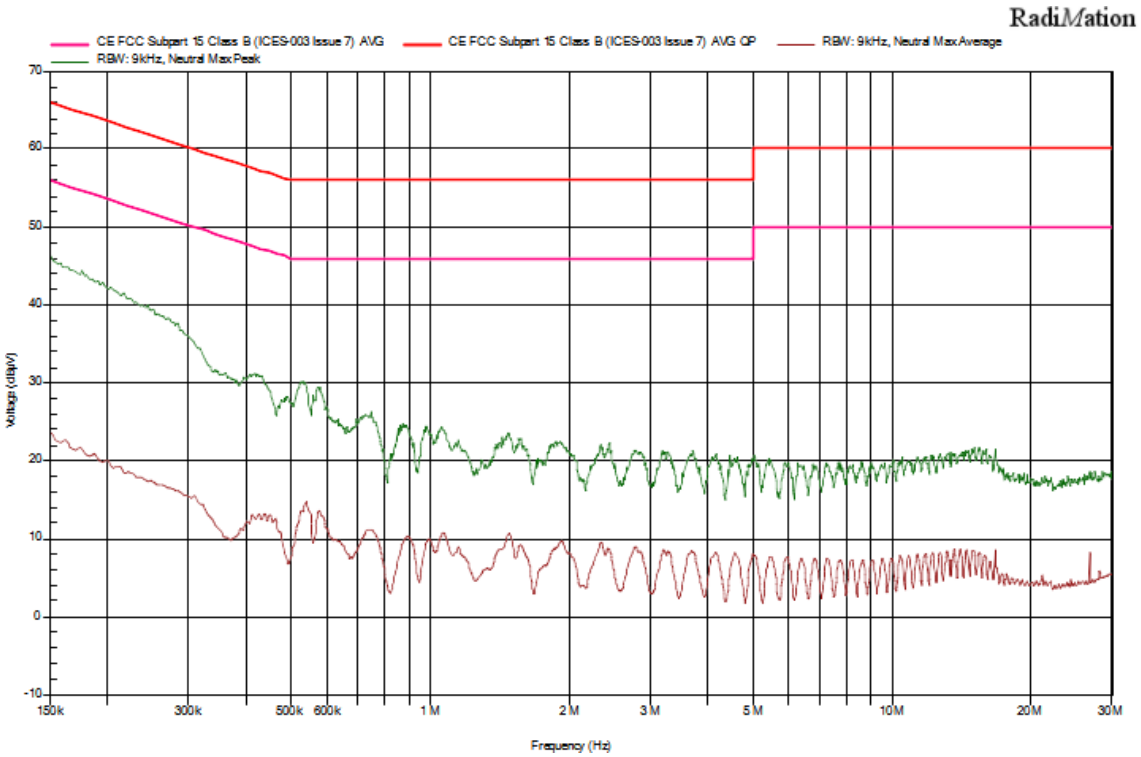
EMC Test Code = CE02020N Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/02. EUT ON. Smart watch in flight mode and charging. Power supply: 115 Vac (auxiliary AC/DC). EUT power supply: 5Vdc.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	23,7 dBµV	46,4 dBµV	N
0,426 MHz	13,3 dBµV	31 dBµV	N
0,528 MHz	13,6 dBµV	30,1 dBµV	N
0,573 MHz	13,6 dBµV	29,4 dBµV	N
0,725 MHz	10,8 dBµV	26 dBµV	N
0,88 MHz	9,9 dBµV	24,5 dBµV	N
0,982 MHz	9,5 dBµV	24,3 dBµV	N
1,066 MHz	10,8 dBµV	23,9 dBµV	N
1,475 MHz	10,5 dBµV	23,7 dBµV	N
1,913 MHz	9,5 dBµV	22,4 dBµV	N

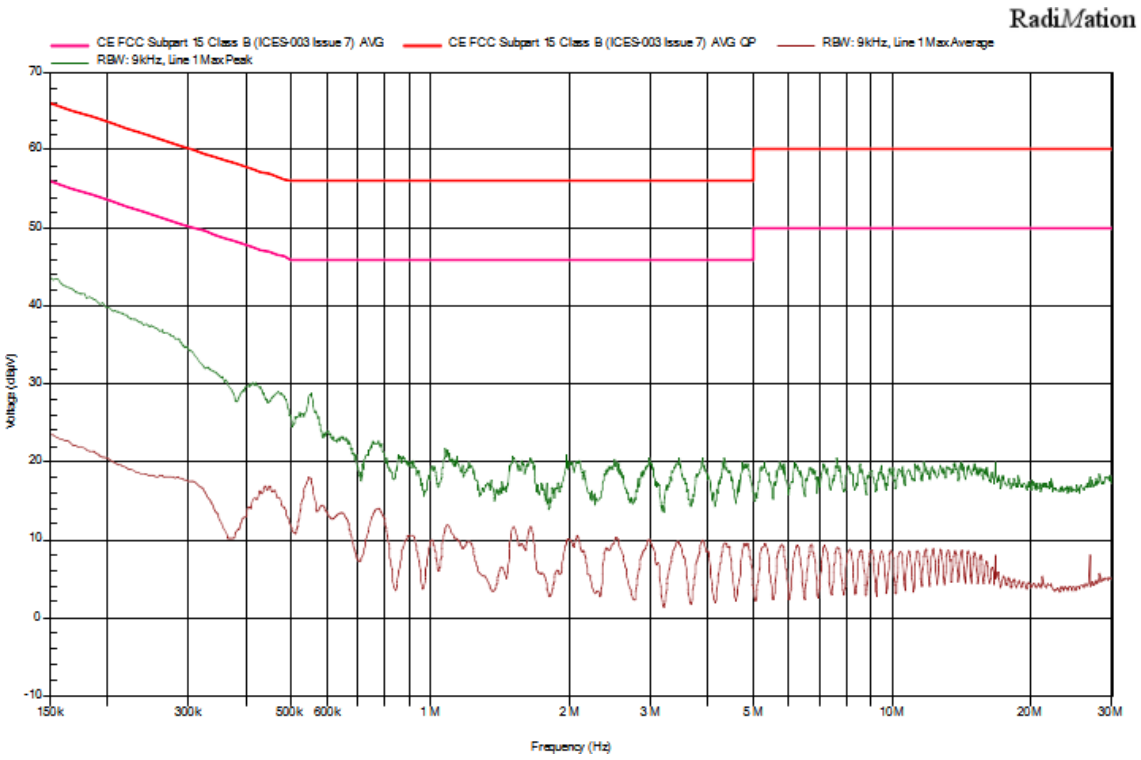
EMC Test Code = CE0202L1 Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/02. EUT ON. Smart watch in flight mode and charging. Power supply: 115 Vac (auxiliary AC/DC). EUT power supply: 5Vdc.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	23,5 dBµV	43,6 dBµV	L1
0,449 MHz	16,8 dBµV	27,6 dBµV	L1
0,551 MHz	17,8 dBµV	28,6 dBµV	L1
0,77 MHz	14 dBµV	22,5 dBµV	L1
0,872 MHz	8,7 dBµV	20,7 dBµV	L1
1,091 MHz	11,8 dBµV	21,6 dBµV	L1
1,97 MHz	9,4 dBµV	20,9 dBµV	L1
2,98 MHz	9,9 dBµV	20,6 dBµV	L1
3,89 MHz	9,6 dBµV	20,5 dBµV	L1
4,342 MHz	9,5 dBµV	20,5 dBµV	L1

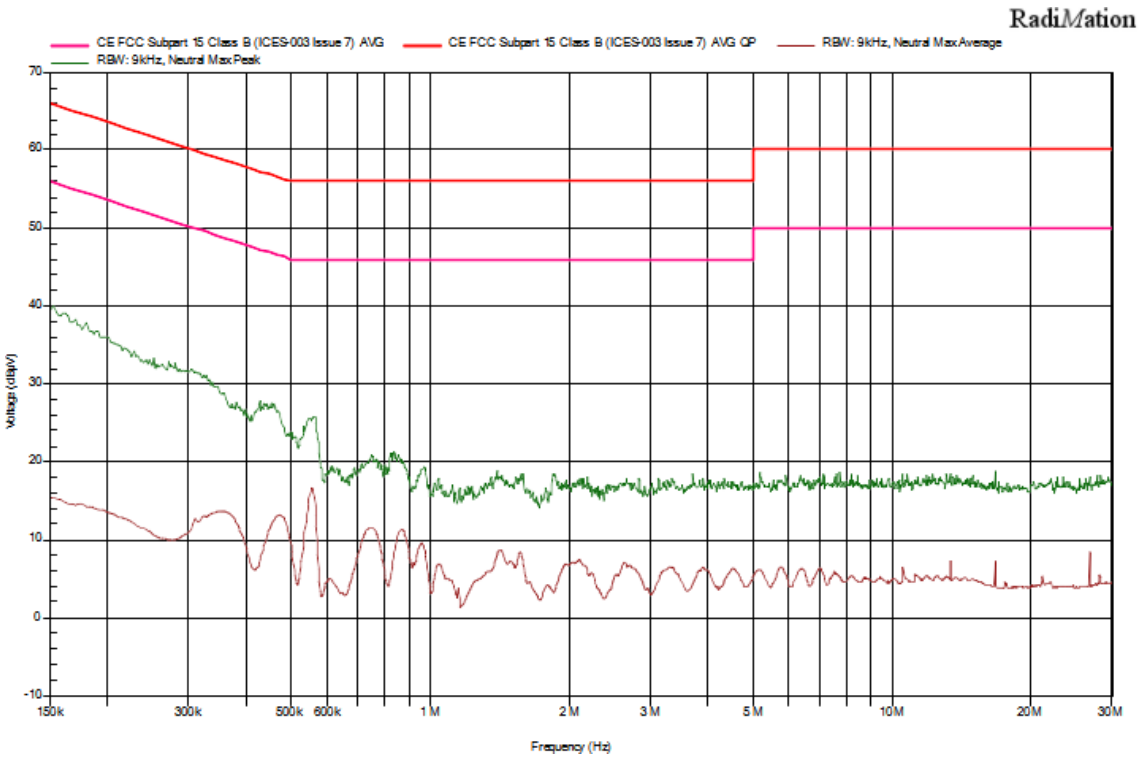
EMC Test Code = CE02030N Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/03. EUT ON. Smart watch charging. Bluetooth Low Energy ON with communication established. GNSS in receiving mode. Power supply: 115 Vac (auxiliary AC/DC). EUT power supply: 5Vdc.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	15,3 dBµV	39,5 dBµV	N
0,354 MHz	13,7 dBµV	28,8 dBµV	N
0,471 MHz	13,2 dBµV	26,1 dBµV	N
0,557 MHz	16,5 dBµV	25,7 dBµV	N
0,741 MHz	11,5 dBµV	20,2 dBµV	N
0,835 MHz	8 dBµV	21,3 dBµV	N
0,968 MHz	9 dBµV	19,3 dBµV	N
1,393 MHz	7,8 dBµV	18,8 dBµV	N
1,855 MHz	3,2 dBµV	18,5 dBµV	N
3,9 MHz	6,4 dBµV	17,8 dBµV	N

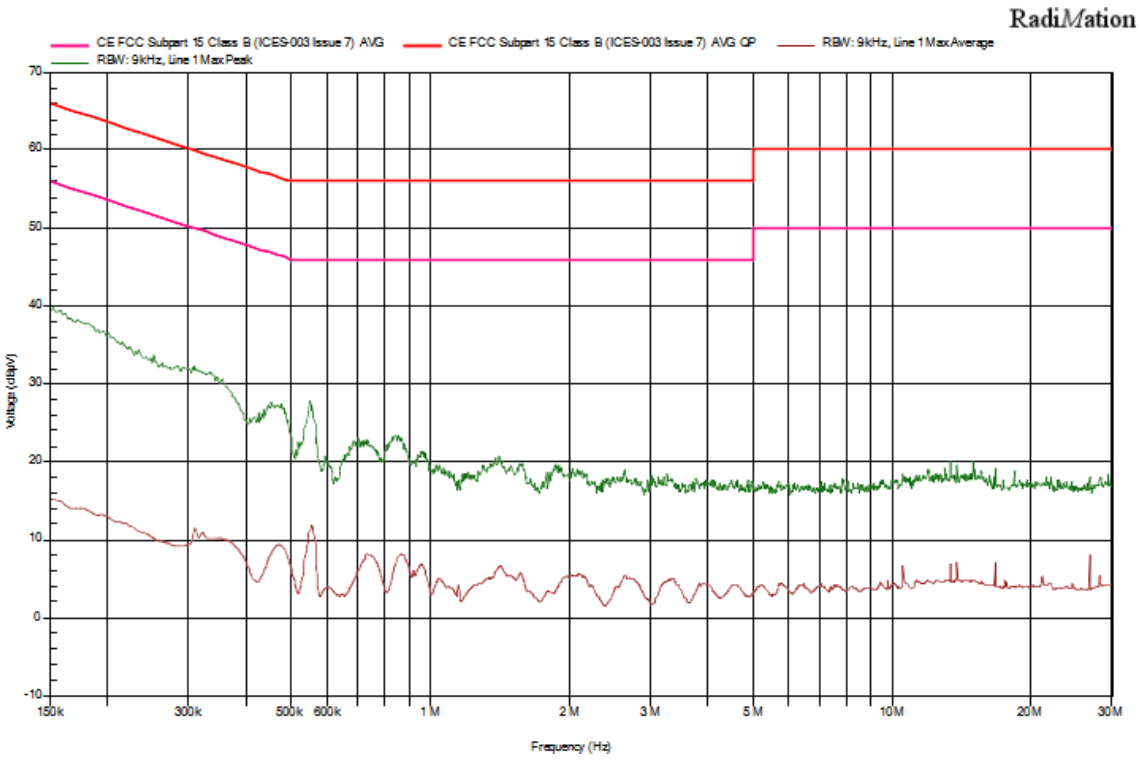
EMC Test Code = CE0203L1 Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/03. EUT ON. Smart watch charging. Bluetooth Low Energy ON with communication established. GNSS in receiving mode. Power supply: 115 Vac (auxiliary AC/DC). EUT power supply: 5Vdc.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	15,1 dBµV	39,3 dBµV	L1
0,453 MHz	8,2 dBµV	27,6 dBµV	L1
0,549 MHz	11,2 dBµV	27,9 dBµV	L1
0,731 MHz	8,2 dBµV	22,9 dBµV	L1
0,841 MHz	6,8 dBµV	23,5 dBµV	L1
1,412 MHz	6,4 dBµV	20,7 dBµV	L1
1,874 MHz	3,3 dBµV	19,7 dBµV	L1
2,097 MHz	5,7 dBµV	18,2 dBµV	L1
2,634 MHz	5,3 dBµV	18,9 dBµV	L1
3,336 MHz	4,8 dBµV	17,7 dBµV	L1

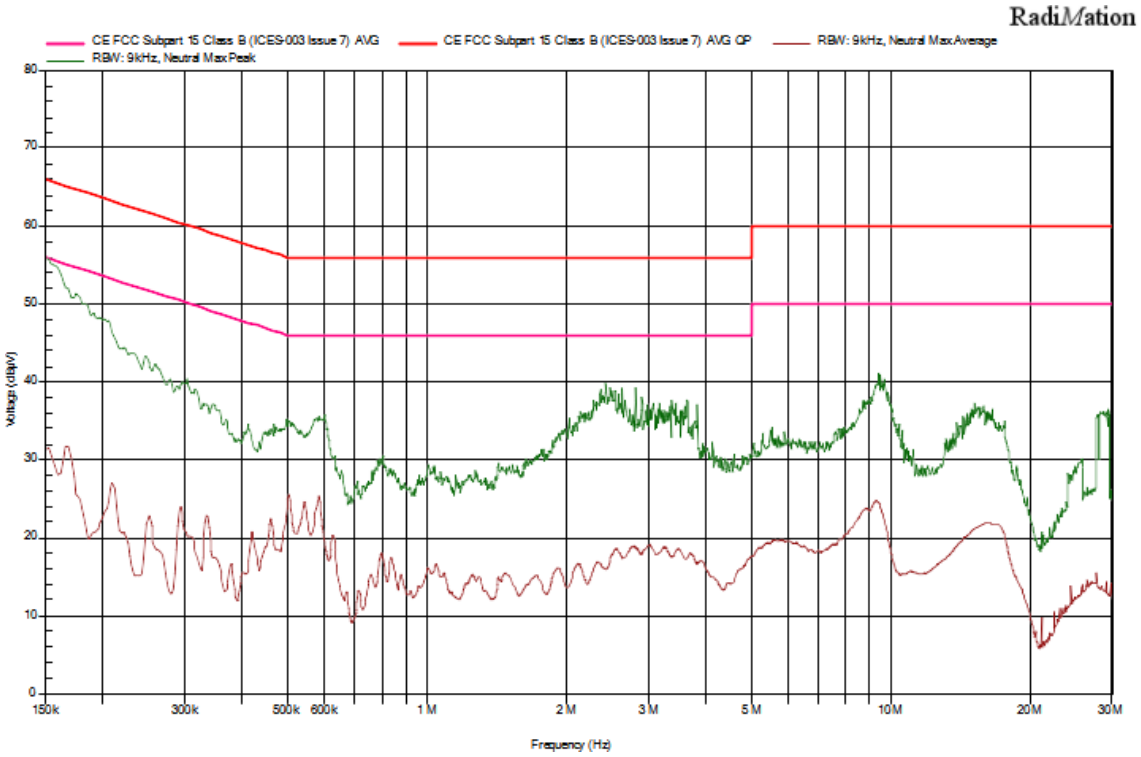
EMC Test Code = CE04010N Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = N

Sample ID: S/04

Operation Mode: OM/01. EUT ON. Charging battery and transfering data to PC. Power supply: 115 Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	31,4 dBµV	55,9 dBµV	N
0,209 MHz	27 dBµV	46,3 dBµV	N
0,252 MHz	22,8 dBµV	41,9 dBµV	N
0,295 MHz	23,3 dBµV	40,1 dBµV	N
2,43 MHz	15,7 dBµV	39,9 dBµV	N
2,814 MHz	18,4 dBµV	39,2 dBµV	N
3,066 MHz	18,3 dBµV	37,3 dBµV	N
3,374 MHz	17,3 dBµV	37,4 dBµV	N
3,632 MHz	17,2 dBµV	37,8 dBµV	N
9,404 MHz	24,3 dBµV	40,5 dBµV	N

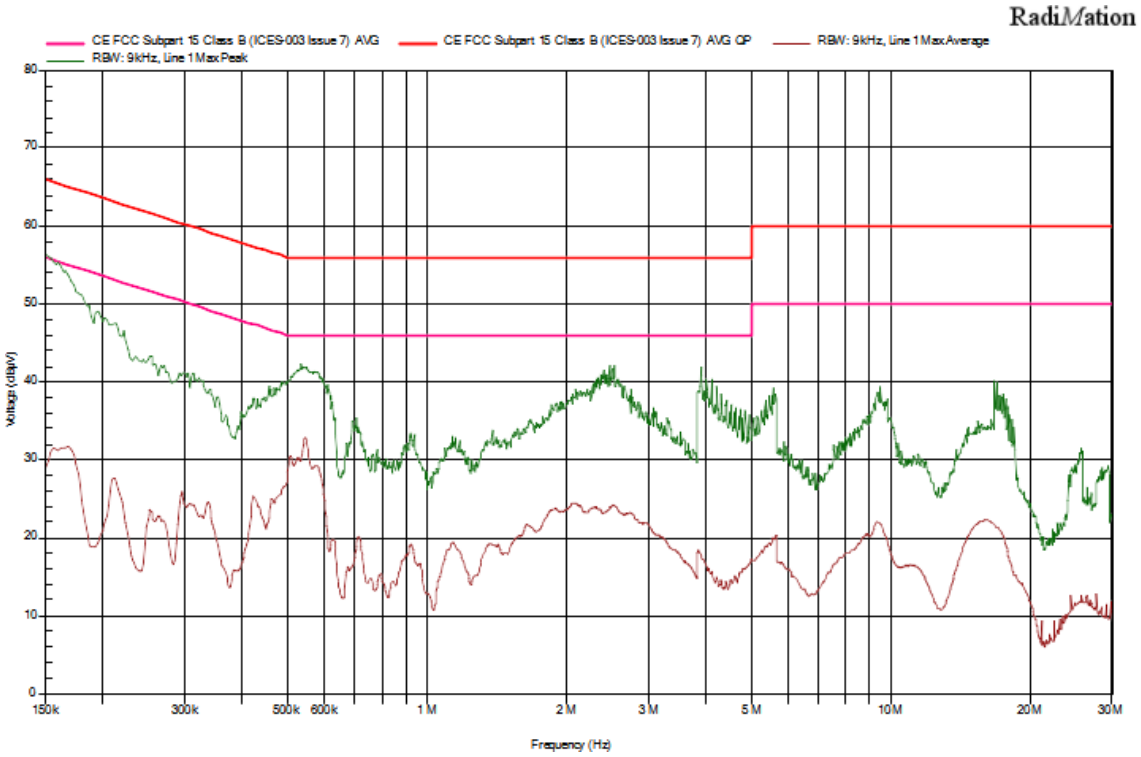
EMC Test Code = CE0401L1 Frequency Range MHz = [0.15, 30]

Conducted Emissions - Tested Line = L1

Sample ID: S/04

Operation Mode: OM/01. EUT ON. Charging battery and transfering data to PC. Power supply: 115 Vac.

Images:



Tables:

Frequency(MHz)	Average(dBµV)	Peak(dBµV)	Line
0,15 MHz	29,1 dBµV	56,3 dBµV	L1
0,211 MHz	27,6 dBµV	47,6 dBµV	L1
0,256 MHz	22,3 dBµV	42,2 dBµV	L1
0,297 MHz	25,5 dBµV	41,1 dBµV	L1
0,424 MHz	25,1 dBµV	37,9 dBµV	L1
0,541 MHz	32,1 dBµV	41,9 dBµV	L1
2,094 MHz	24,5 dBµV	37,3 dBµV	L1
2,465 MHz	23,5 dBµV	42,1 dBµV	L1
3,894 MHz	17,4 dBµV	42 dBµV	L1
4,104 MHz	15,7 dBµV	40,3 dBµV	L1

RE Radiated emission. Electromagnetic field measure

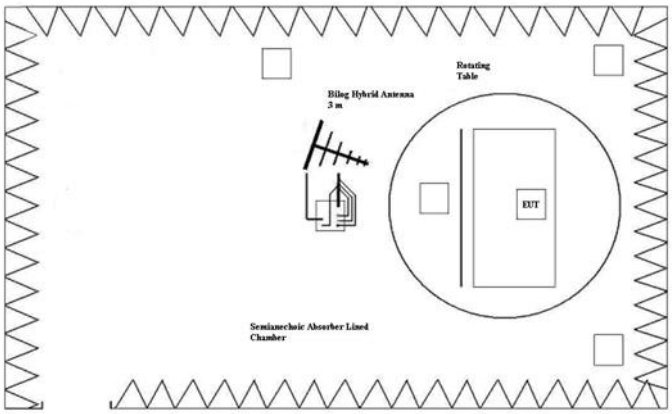
Limits of interference Class B

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)

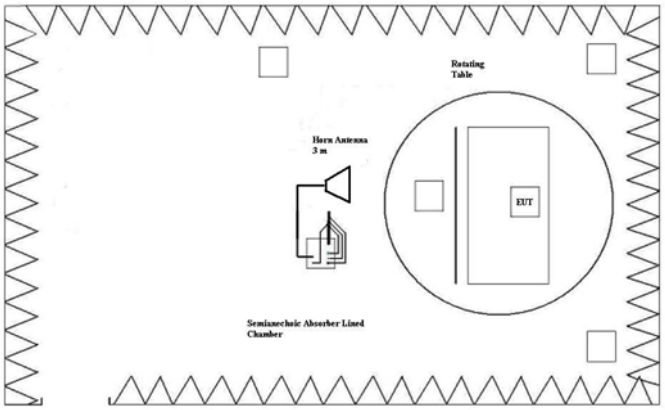
Frequency range (MHz)	FCC Part 15B		ICES-003 Issue 7		FCC Part 15B & ICES-003 Issue 7	
	QP Limit for 3 m		QP Limit for 3 m		PK Limit for 3 m	AVG Limit for 3 m
	(μV/m)	(dBμV/m)	(μV/m)	(dBμV/m)	(dBμV/m)	(dBμV/m)
30 to 88	100	40	100	40	---	---
88 to 216	150	43.5	150	43.5	---	---
216 to 230	200	46	200	46	---	---
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/02	RE0102LR	[30, 1000]	P
01	OM/02	RE0102HR	[1000, 12750]	P
03	OM/01	RE0101LR	[30, 1000]	P
03	OM/01	RE0101HR	[1000, 12750]	P

Verdict

Pass

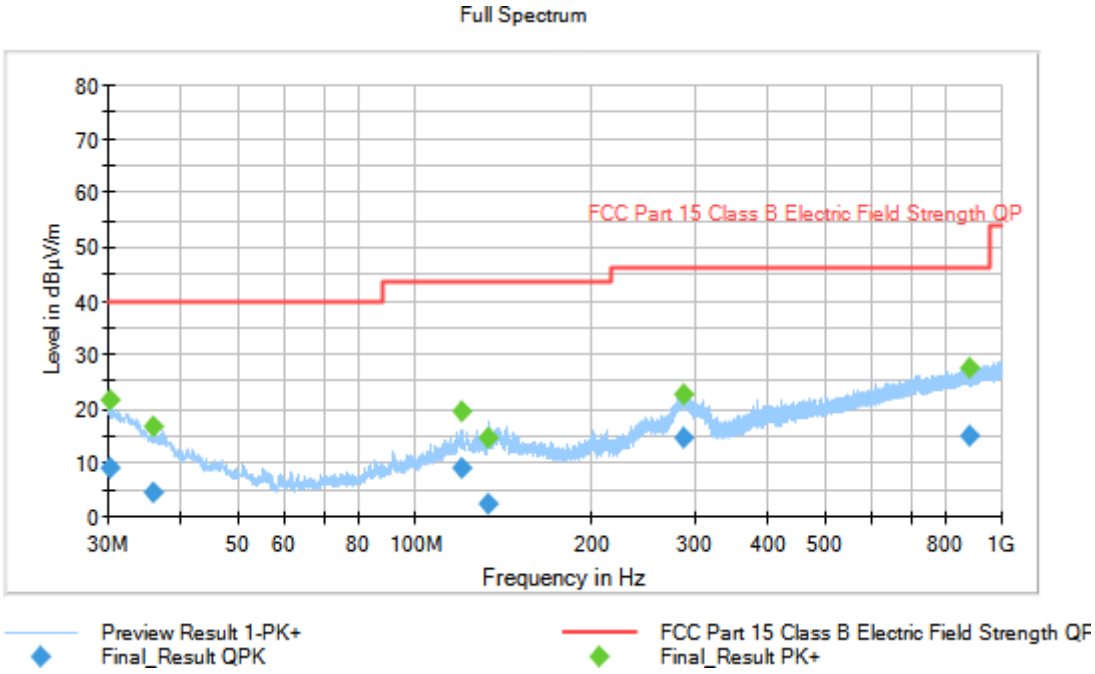
Attachments

EMC Test Code = RE0102LR Frequency Range MHz = [30, 1000]

Sample ID: S/01

Operation Mode: OM/02. EUT ON. Smart watch in flight mode and charging. Power supply: 115 Vac (auxiliary AC/DC). EUT power supply: 5Vdc.

Images:



Tables:

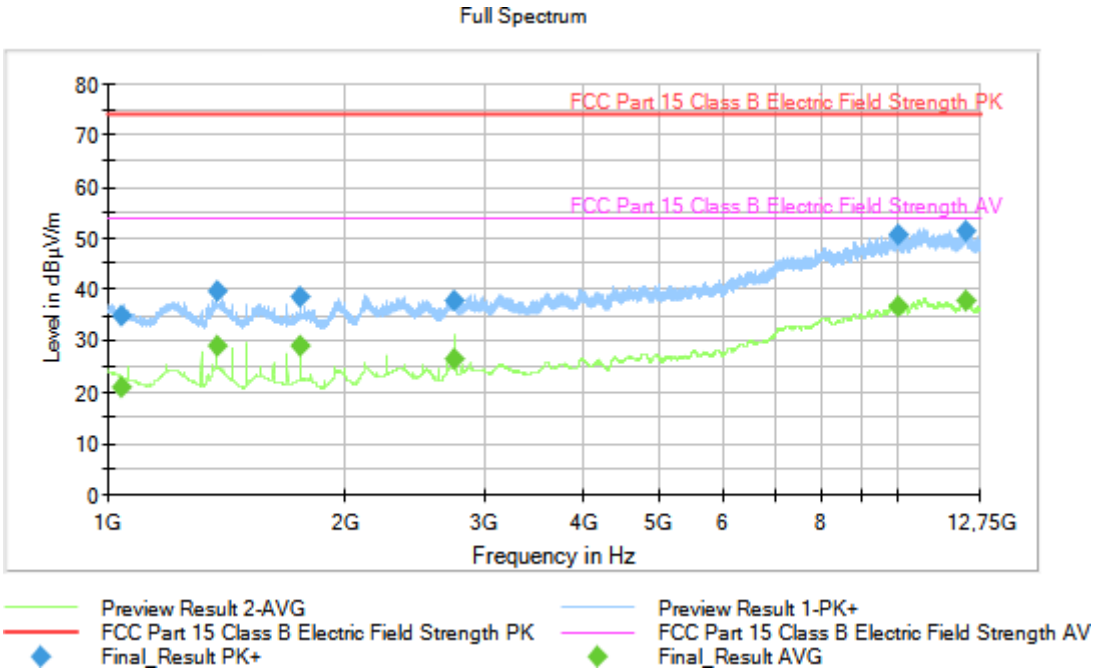
Frequency(MHz)	QuasiPeak(dBµV/m)	MaxPeak(dBµV/m)	Limit(dBµV/m)	Margin(dB)	Height(cm)	Pol	Azimuth(deg)
30.264000	8.92	---	40.00	31.08	174.0	V	168.0
30.264000	---	21.80	---	---	174.0	V	168.0
35.831000	---	16.60	---	---	100.0	V	40.0
35.831000	4.45	---	40.00	35.55	100.0	V	40.0
120.599000	---	19.60	---	---	103.0	V	316.0
120.599000	9.10	---	43.52	34.42	103.0	V	316.0
133.556000	2.30	---	43.52	41.22	124.0	V	2.0
133.556000	---	14.60	---	---	124.0	V	2.0
286.693000	14.72	---	46.00	31.28	120.0	H	91.0
286.693000	---	22.88	---	---	120.0	H	91.0
881.193000	15.16	---	46.00	30.84	332.0	V	196.0
881.193000	---	27.62	---	---	332.0	V	196.0

EMC Test Code = RE0102HR Frequency Range MHz = [1000, 12750]

Sample ID: S/01

Operation Mode: OM/02. EUT ON. Smart watch in flight mode and charging. Power supply: 115 Vac (auxiliary AC/DC). EUT power supply: 5Vdc.

Images:



Tables:

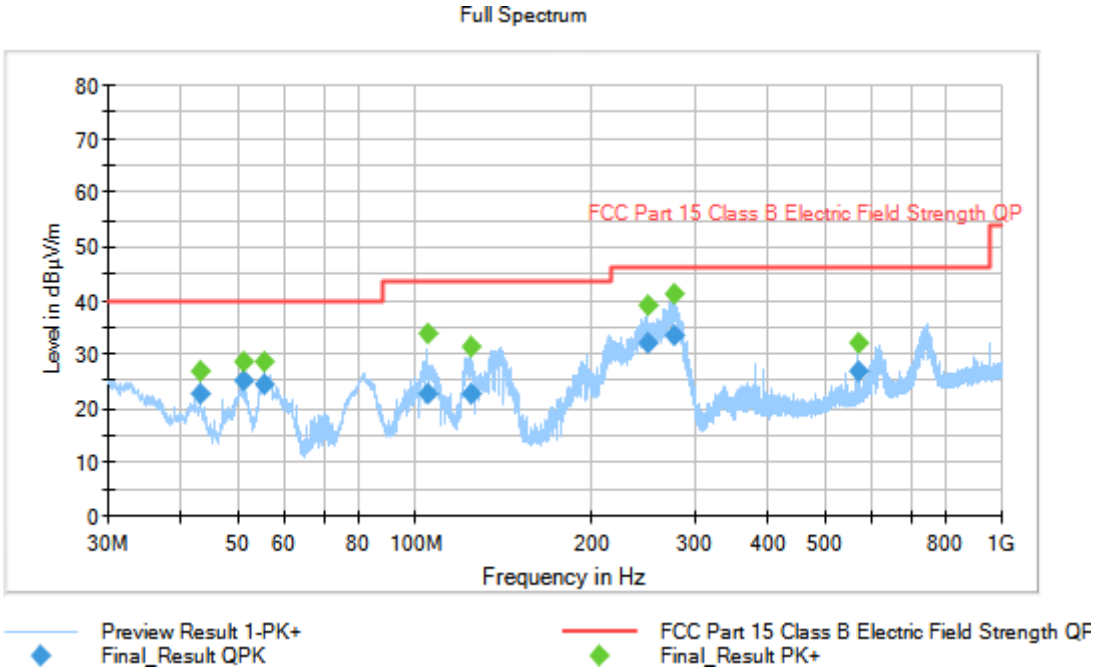
Frequency(MHz)	MaxPeak(dBµV/m)	Average(dBµV/m)	Limit(dBµV/m)	Margin(dB)	Height(cm)	Pol	Azimuth(deg)
1041.880000	---	20.98	53.97	32.99	168.0	H	184.0
1041.880000	34.83	---	73.97	39.14	168.0	H	184.0
1375.240000	---	28.83	53.97	25.14	292.0	V	175.0
1375.240000	39.72	---	73.97	34.25	292.0	V	175.0
1750.460000	38.48	---	73.97	35.49	331.0	H	96.0
1750.460000	---	29.01	53.97	24.96	331.0	H	96.0
2750.800000	37.91	---	73.97	36.06	119.0	H	244.0
2750.800000	---	26.42	53.97	27.55	119.0	H	244.0
10013.240000	---	36.87	53.97	17.10	310.0	H	286.0
10013.240000	50.75	---	73.97	23.22	310.0	H	286.0
12205.260000	---	37.94	53.97	16.03	198.0	H	242.0
12205.260000	51.31	---	73.97	22.66	198.0	H	242.0

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

Sample ID: S/03

Operation Mode: OM/01. EUT ON. Charging battery and transfering data to PC. Power supply: 115 Vac.

Images:



Tables:

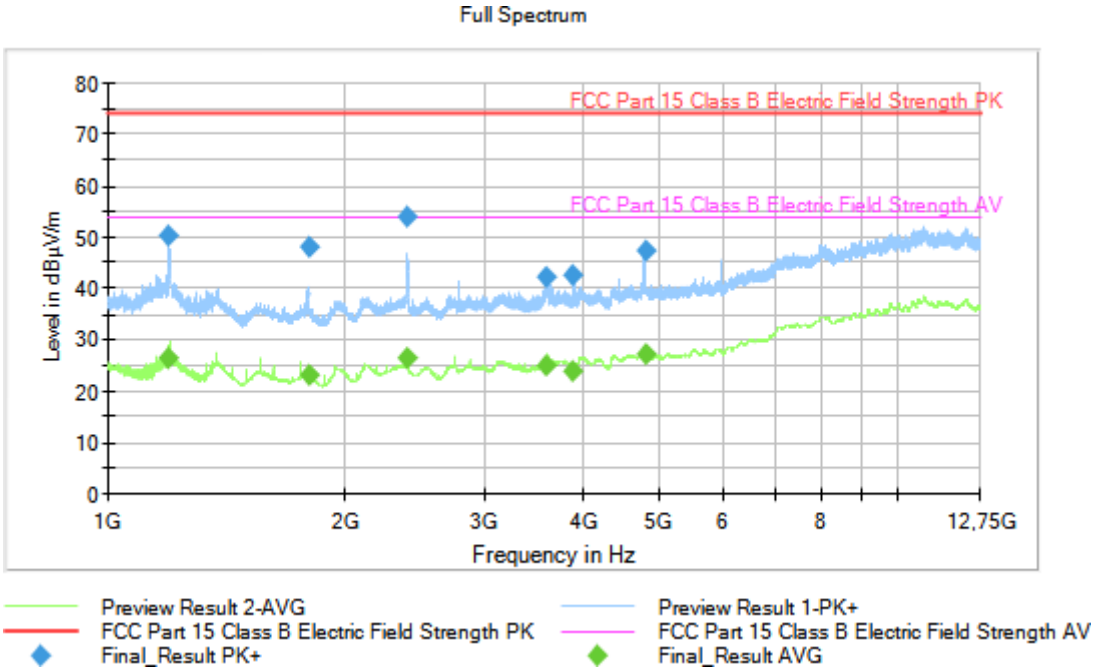
Frequency(MHz)	QuasiPeak(dBµV/m)	MaxPeak(dBµV/m)	Limit(dBµV/m)	Margin(dB)	Height(cm)	Pol	Azimuth(deg)
43.009000	---	26.78	---	---	139.0	V	86.0
43.009000	22.64	---	40.00	17.36	139.0	V	86.0
51.205000	25.24	---	40.00	14.76	127.0	V	107.0
51.205000	---	28.80	---	---	127.0	V	107.0
55.300000	24.35	---	40.00	15.65	160.0	V	130.0
55.300000	---	28.68	---	---	160.0	V	130.0
104.979000	22.66	---	43.52	20.86	303.0	H	187.0
104.979000	---	33.96	---	---	303.0	H	187.0
124.476000	---	31.38	---	---	240.0	H	179.0
124.476000	22.74	---	43.52	20.78	240.0	H	179.0
249.701000	31.99	---	46.00	1.01	381.0	H	292.0
249.701000	---	39.01	---	---	381.0	H	292.0
275.990000	---	41.30	---	---	187.0	H	169.0
275.990000	33.48	---	46.00	3.52	187.0	H	169.0
570.290000	---	32.01	---	---	153.0	H	348.0
570.290000	26.86	---	46.00	19.14	153.0	H	348.0

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

Sample ID: S/03

Operation Mode: OM/01. EUT ON. Charging battery and transfering data to PC. Power supply: 115 Vac.

Images:



Tables:

Frequency(MHz)	MaxPeak(dBµV/m)	Average(dBµV/m)	Limit(dBµV/m)	Margin(dB)	Height(cm)	Pol	Azimuth(deg)
1194.640000	---	26.56	53.97	27.41	108.0	V	15.0
1194.640000	50.11	---	73.97	23.86	108.0	V	15.0
1796.000000	---	23.16	53.97	30.81	109.0	V	26.0
1796.000000	48.15	---	73.97	25.82	109.0	V	26.0
2389.980000	53.88	---	73.97	20.09	100.0	V	29.0
2389.980000	---	26.48	53.97	27.49	100.0	V	29.0
3586.640000	---	24.84	53.97	29.13	103.0	V	5.0
3586.640000	42.13	---	73.97	31.84	103.0	V	5.0
3886.340000	42.64	---	73.97	31.33	112.0	V	95.0
3886.340000	---	23.97	53.97	30.00	112.0	V	95.0
4793.200000	---	27.13	53.97	26.84	106.0	V	77.0
4793.200000	47.51	---	73.97	26.46	106.0	V	77.0