



Test report No:

NIE: 49467REM.002

Test Report

FCC Rules and Regulations CFR 47, Part 15, Subpart B (10-1-15 Edition),
Secs. 15.107, 15.109 and Subpart C (10-1-15 Edition) Secs. 15.207.

&

ICES-003 Issue 6 (2016)

Identification of item tested.....:	Laser Range Meter
Trademark	HILTI
Model and /or type reference	PD-CS (01)
Other identification of the product	S/N: Prototype
Final HW version	4.00
Final SW version	2.3.9
FCC ID	SDL-PDCS01
IC	--
Features	BT, WLAN
Manufacturer	HILTI CORPORATION Feldkircherstr. 100 FL-9494 Schaan Principality of Lietchtestein
Test method requested, standard.....:	FCC CFR 47, Part 15, Subpart B (10-1-15 Edition), Secs. 15.107, 15.109 and Subpart C (10-1-15 Edition) Secs. 15.207 & ICES-003 Issue 6 (2016)
Summary	IN COMPLIANCE
Approved by (name / position & signature).....:	Rafael López Martín LAB EMC Manager
Date of issue.....:	2016-10-27
Report template No.....:	FDT08_18

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Competences and guarantees

AT4 wireless 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.

In order to assure the traceability to other national and international laboratories, AT4 wireless has a calibration and maintenance program for its measurement equipment.

AT4 wireless 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 AT4 wireless at the time of performance of the test.

AT4 wireless 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 AT4 wireless.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of AT4 wireless and the Accreditation Bodies.

Uncertainty

Uncertainty (factor $k=2$) was calculated according to the AT4 wireless internal document PODT000.

Usage of samples

Samples under test have been selected by: the Client.

Sample S/01 is composed of the following elements:

Control N°	Description	Model	Serial number	Reception date
49467/02	Laser Range Meter	PD-CS	--	2016-05-24
49467/15	USB-microUSB Cable	--	--	2016-05-24

Sample S/01 is composed of the following auxiliary element:

Control N°	Description	Model	Serial number	Reception date
CTC-1172X	Laptop	Thinkpad	--	N/A

Sample S/02 is composed of the following elements:

Control N°	Description	Model	Serial number	Reception date
49467/02	Laser Range Meter	PD-CS	--	2016-05-24
49467/15	USB-microUSB Cable	--	--	2016-05-24
49467/08	USB Charger Level VI	KSA29B0500200D5	PXXYY	2016-05-24

Test sample description

The sample consist of an High-End Measurement Device by HILTI. Key marketing points from the product: Measuring precisely in just seconds with only one person. Measuring heights from floor to ceiling. Measuring safely in places where access is difficult. Measuring effectively outdoors in windy conditions. Measuring a wide range of distances, 0.25m to 250m. Measuring with high accuracy +/- 1.5mm. Measuring easily with simple one-button press. Measuring repeatedly with fast calculation time. Measuring small distances with no loss in accuracy or reliability. Measuring long distances with no loss in accuracy and best-in-class reliability. Calculating a relative distance, area, or volume from geometry using angle sensor and software. Relying on technology engineered in Liechtenstein and made in Germany under high quality standards. Relying on guarantee of Hilti's Lifetime Service™ plus for Hilti's Fleet Management customers 1 no-cost "drop"

Identification of the client

BITTIUM WIRELESS LTD
Tutkijantie 8
90590. Oulu.
FINLAND.

Testing period

The performed test started on 2016-06-08 and finished on 2016-06-10.
The tests have been performed at AT4 wireless.

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. = 60 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar

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. = 60 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar

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. = 860 mbar Max. = 1060 mbar

Remarks and comments

The tests have been performed by the technical personnel: Antonio Ruiz & Victor Acedo

The total uncertainty of the measurement system for the measured radio 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 26000MHz is $I = \pm 2,6$ dB for peaks and average measurements ($k = 2$)

Testing verdicts (Legend)

Not applicable	N/A
Pass	P
Fail	F
Not measured	N/M

List of equipment used during the test					
CONTROL NUMBER	DESCRIPTION	MANUFACTURER	MODEL	LAST CALIBRATION	NEXT CALIBRATION
4523	EMI Receptor	ROHDE & SCHWARZ	ESU 26	2015-11-17	2017-11-17
4578	Biconilog Antenna	ETS LINDGREN	3142E	2014-03-17	2017-03-17
4658	RF Amplifier	SCHWARZBECK	BBV9743	2016-04-28	2017-04-28
4570	Temperature and relative humidity data logger	HW GROUP	HWg-STE	2016-04-28	2017-04-28
4612	Horn Antenna	SCHWARZBECK	BBHA 9120 D	2013-12-29	2016-12-29

Appendix A – Test result

APPENDIX A CONTENT

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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:

OPERATION MODE	DESCRIPTION
OM#01	EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active. Power Supply: 115 Vac
OM#02	EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active. Power Supply: Power Supply: 5 VDC through Laptop USB port (115Vac). USB port in transmission mode.
OM#03	EUT ON. WiFi in transmission mode. Bluetooth in transmission mode. PDC Measurement app active. Power Supply: 115 Vac
OM#04	EUT ON. WiFi in transmission mode. Bluetooth in transmission mode. PDC Measurement app active. Power Supply: 5 VDC through Laptop USB port (115Vac). USB port in transmission mode.

CONTINUOUS CONDUCTED EMISSION ON POWER LEADS

LIMITS:	Product standard:	FCC CFR 47, Part 15, Subpart B (10-1-15 Edition), Secs. 15.107 and Subpart C (10-1-15 Edition) Secs. 15.207 & ICES-003 Issue 6 (2016) & ANSI C63.4-2014
	Test standard:	FCC CFR 47, Part 15, Subpart B (10-1-15 Edition), Secs. 15.107 and Subpart C (10-1-15 Edition) Secs. 15.207 & ICES-003 Issue 6 (2016) & ANSI C63.4-2014

Class B

The applied limit for continuous conducted emissions in power leads, according with the requirements of of FCC Rules and Regulations CFR 47, Part 15, Subpart B (10-1-15 Edition), Secs. 15.107 and Subpart C (10-1-15 Edition) Secs. 15.207 & ICES-003 Issue 6 (2016), 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

TESTED SAMPLES:	S/01 & S/02
TESTED OPERATION MODES:	OM#01 to OM#04
TEST RESULTS:	CCmmnnhh: CC, Conducted Condition; mm: Sample number; nn: Operation mode; hh: wire

CCmmnnhh	DESCRIPTION	RESULT
CC02010N	Neutral wire noise.	P
CC0201L1	Phase wire noise.	P
CC01020N	Neutral wire noise.	P
CC0102L1	Phase wire noise.	P
CC02030N	Neutral wire noise.	P
CC0203L1	Phase wire noise.	P
CC01040N	Neutral wire noise.	P
CC0104L1	Phase wire noise.	P

AT4 wireless, S.A.U.

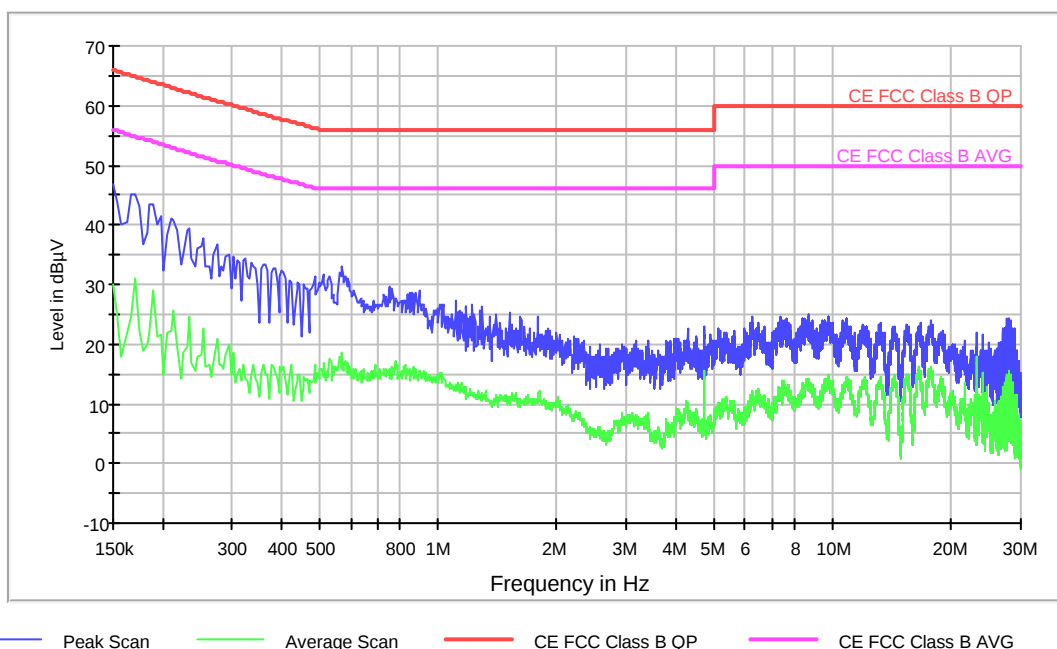
Parque Tecnológico de Andalucía,
c/ Severo Ochoa nº 2 · 29590 Campanillas · Málaga · España
www.at4wireless.com · C.I.F. A29 507 456



Continuous Conducted Emission: CC0201 0N

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#01
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: 115 VAC. Neutral Wire Noise

EC FCC Class B



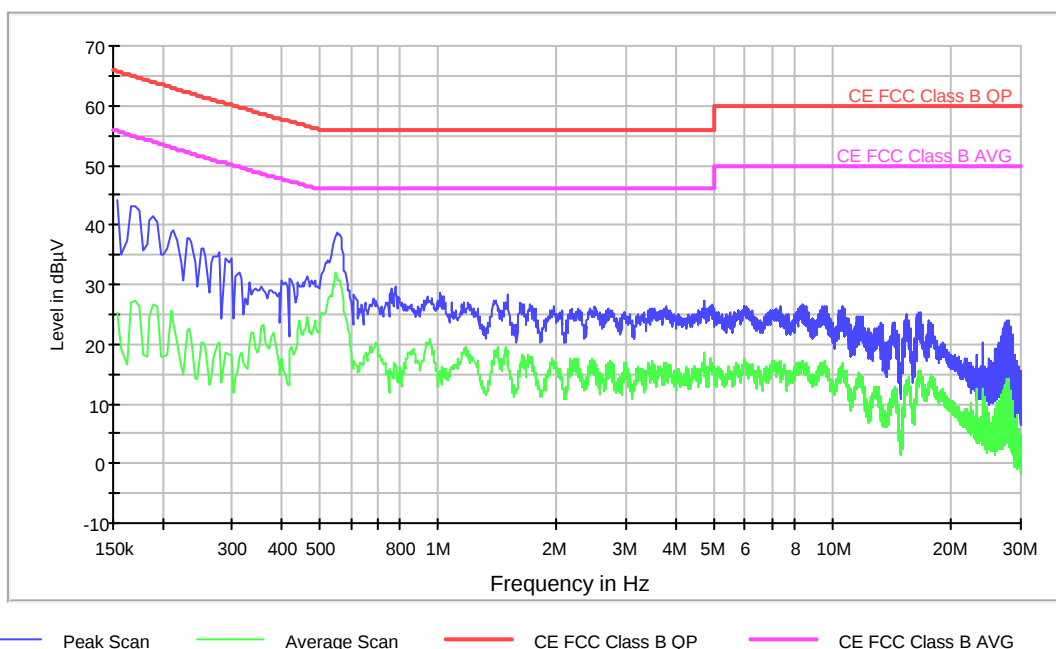
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	47.0	30.2
0.274000	36.7	20.8
0.570000	32.9	18.5
0.750000	29.5	15.7
1.294000	26.4	11.8
2.210000	21.3	8.1
4.730000	22.8	13.4
8.654000	24.9	14.2
10.854000	24.4	14.5
27.778000	24.4	14.9

Continuous Conducted Emission: CC0201 L1

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#01
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: 115 VAC. Phase Wire Noise

EC FCC Class B



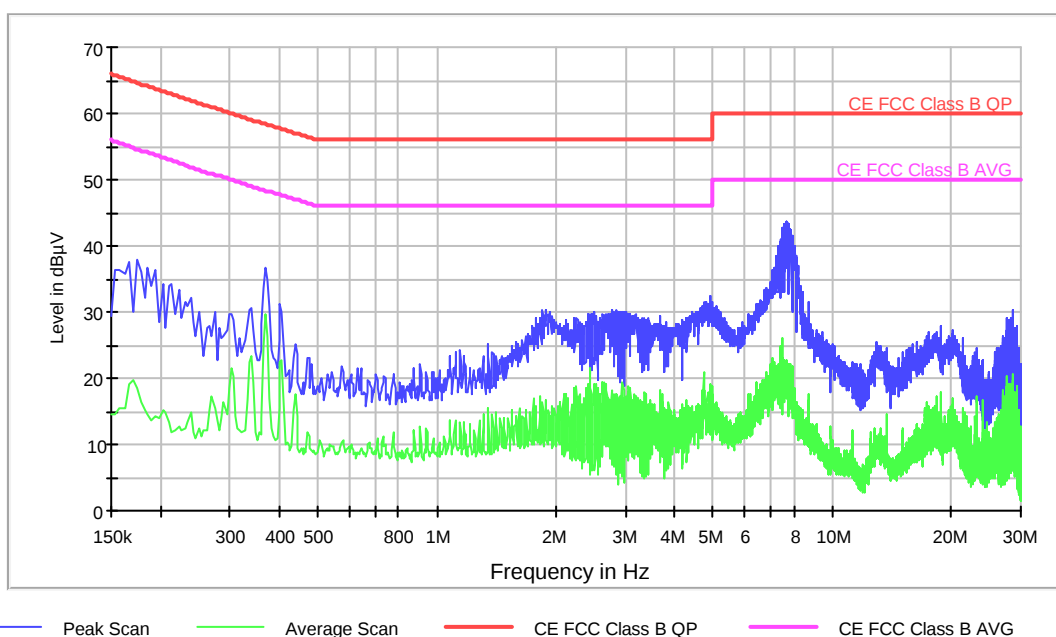
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	44.1	25.3
0.278000	35.2	20.2
0.554000	38.6	30.9
0.778000	29.7	16.5
1.502000	28.2	16.5
2.498000	26.4	16.7
4.722000	27.2	16.8
8.402000	26.6	17.1
10.630000	26.4	16.0
27.778000	24.1	14.1

Continuous Conducted Emission: CC0102 0N

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#02
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: Power Supply: 5 VDC through Laptop USB port (115VAC). Neutral wire noise

EC FCC Class B



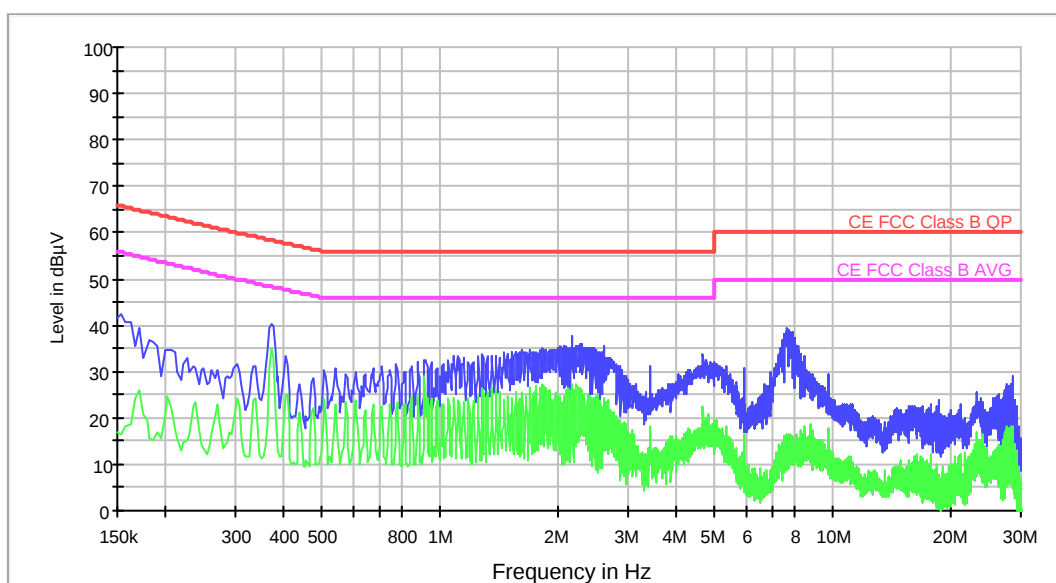
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.174000	37.7	18.5
0.370000	36.8	29.6
0.438000	25.1	17.7
1.146000	24.1	13.5
1.854000	30.2	16.4
2.782000	30.3	14.3
4.914000	32.4	19.2
7.702000	43.7	20.1
17.590000	26.9	15.6
28.470000	30.3	20.6

Continuous Conducted Emission: CC0102 L1

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#02
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: Power Supply: 5 VDC through Laptop USB port (115VAC). Phase wire noise

EC FCC Class B



— Peak Scan — Average Scan — CE FCC Class B QP — CE FCC Class B AVG

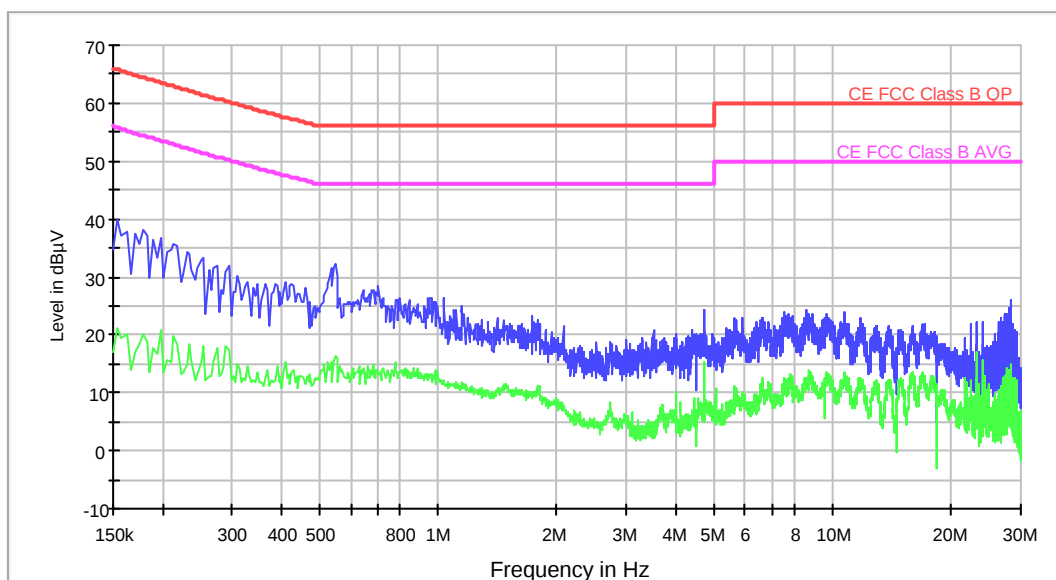
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBμV)	Average-ClearWrite (dBμV)
0.154000	42.6	16.6
0.370000	40.4	35.0
0.710000	31.3	21.1
1.110000	33.3	23.9
2.094000	35.5	23.9
2.158000	37.5	25.3
4.658000	33.7	22.7
7.630000	39.3	12.7
11.042000	23.0	9.8
28.470000	29.0	18.1

Continuous Conducted Emission: CC0203 0N

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#03
Description: EUT ON. WiFi in transmission mode. Bluetooth in transmission mode. PDC Measurement app active. Power Supply: 115 VAC.
Neutral wire noise

EC FCC Class B



— Peak Scan — Average Scan — CE FCC Class B QP — CE FCC Class B AVG

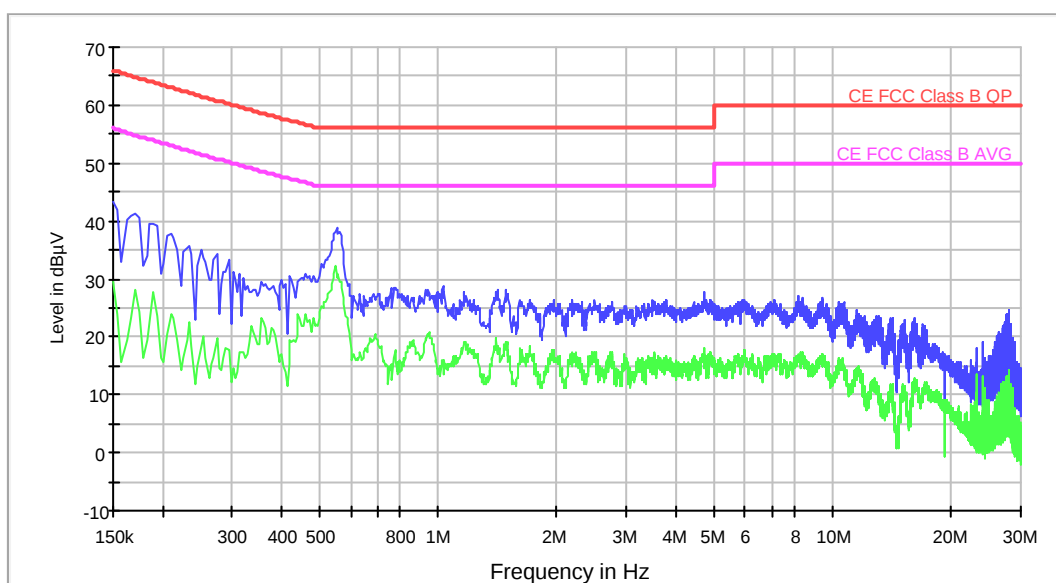
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	39.9	21.3
0.294000	32.1	17.5
0.550000	32.3	16.4
0.946000	26.4	12.5
1.734000	23.3	9.2
3.510000	20.7	3.8
4.738000	24.3	10.2
8.574000	24.2	11.3
10.674000	23.9	13.3
28.194000	25.9	13.8

Continuous Conducted Emission: CC0203 L1

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#03
Description: EUT ON. WiFi in transmission mode. Bluetooth in transmission mode. PDC Measurement app active. Power Supply: 115 VAC.
Phase wire noise

EC FCC Class B



— Peak Scan — Average Scan — CE FCC Class B QP — CE FCC Class B AVG

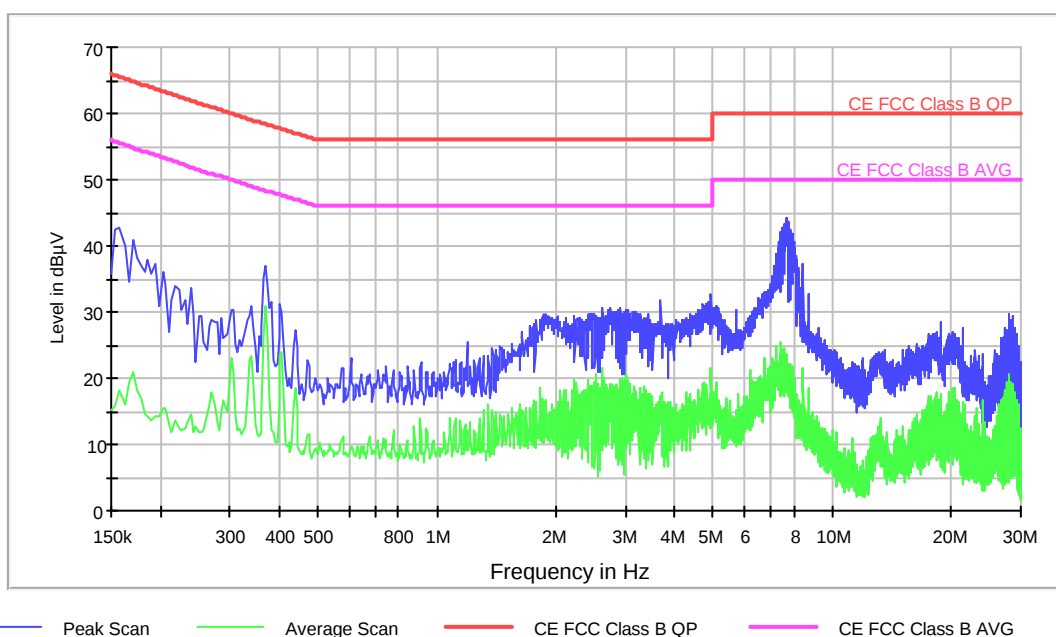
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBμV)	Average-ClearWrite (dBμV)
0.150000	43.2	29.4
0.274000	34.2	19.7
0.554000	38.8	30.1
1.030000	28.7	16.0
1.414000	28.1	18.3
2.498000	26.4	17.1
4.726000	27.6	18.2
8.162000	27.0	16.4
10.658000	26.1	14.9
27.986000	24.7	14.2

Continuous Conducted Emission: CC0104 0N

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#04
Description: EUT ON. WiFi in transmission mode. Bluetooth in transmission mode. PDC Measurement app active. Power Supply: 5 VDC through Laptop USB port (115VAC). Neutral wire noise

EC FCC Class B



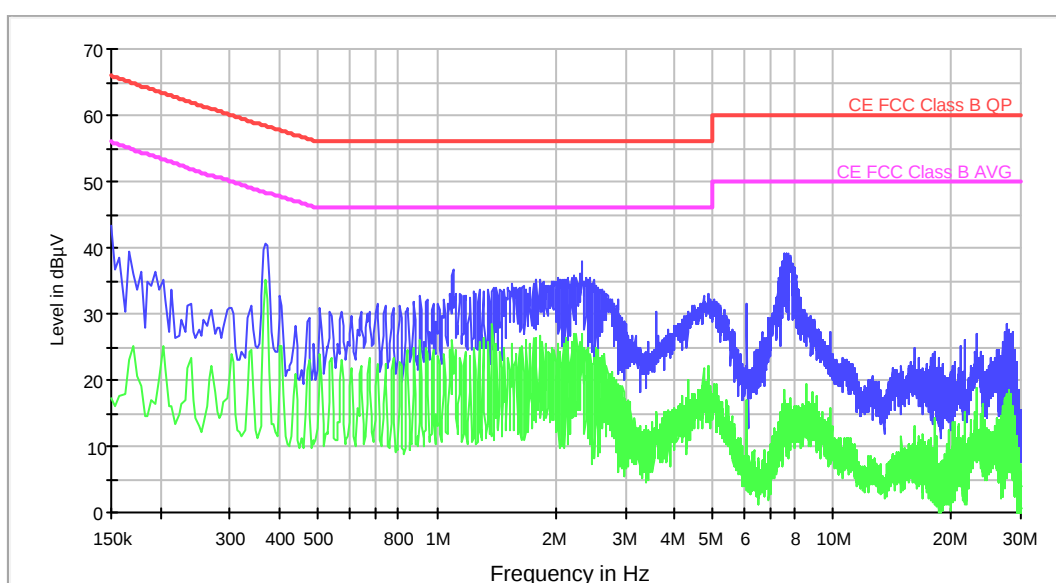
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBμV)	Average-ClearWrite (dBμV)
0.158000	42.8	18.2
0.370000	36.8	30.8
0.438000	27.2	18.4
1.194000	25.4	12.0
1.898000	29.7	11.2
2.738000	30.6	16.9
4.938000	32.8	21.6
7.670000	44.2	21.3
17.622000	26.8	15.0
27.918000	29.6	18.0

Continuous Conducted Emission: CC0104 L1

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#04
Description: EUT ON. WiFi in transmission mode. Bluetooth in transmission mode. PDC Measurement app active. Power Supply: 5 VDC through Laptop USB port (115VAC). Phase wire noise

EC FCC Class B



— Peak Scan — Average Scan — CE FCC Class B QP — CE FCC Class B AVG

Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBμV)	Average-ClearWrite (dBμV)
0.150000	43.2	17.4
0.370000	40.7	35.1
0.706000	31.4	22.5
1.098000	36.7	22.7
2.022000	35.4	24.9
2.334000	38.0	25.3
4.838000	33.0	19.9
7.558000	39.1	15.2
16.250000	24.8	13.0
27.778000	28.5	16.7

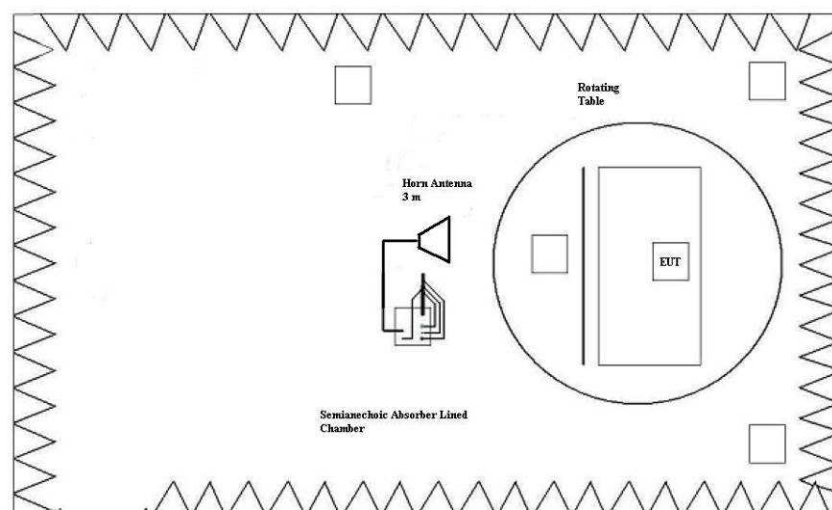
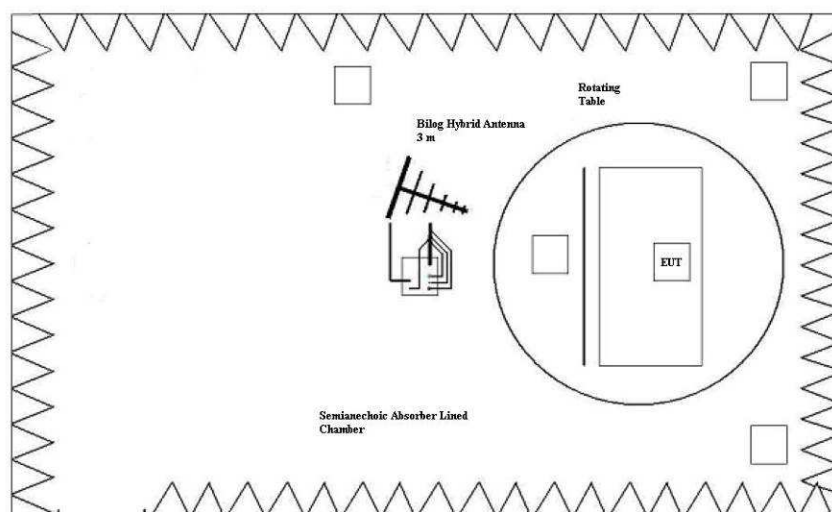
RADIATED EMISSION. ELECTROMAGNETIC FIELD MEASURE

LIMITS:	Product standard:	FCC CFR 47, Part 15, Subpart B (10-1-15 Edition), Secs. 15.109 & ICES-003 Issue 6 (2016) & ANSI C63.4-2014
	Test standard:	FCC CFR 47, Part 15, Subpart B (10-1-15 Edition), Secs. 15.109 & ICES-003 Issue 6 (2016) & ANSI C63.4-2014

Limits of interference Class B

The applied limit for radiated emissions, 3 m distance, according with the requirements of FCC Rules and Regulations CFR 47, Part 15, Subpart B (10-1-15 Edition), Secs. 15.109 & ICES-003 Issue 6 (2016) & ANSI C63.4-2014 in the frequency range 30 MHz to 26 GHz, for Class B equipment, which is a transmitter in a band over 500 MHz, was:

Frequency range (MHz)	QP Limit for 3 m ($\mu\text{V/m}$)	QP Limit for 3 m ($\text{dB}\mu\text{V/m}$)
30 to 88	100	40
88 to 216	150	43.52
216 to 960	200	46.02
Above 960	500	53.98
Above 1000	Limit for 3m AVG	Limit for 3m PK
	53.98 $\text{dB}\mu\text{V/m}$	73.98 $\text{dB}\mu\text{V/m}$



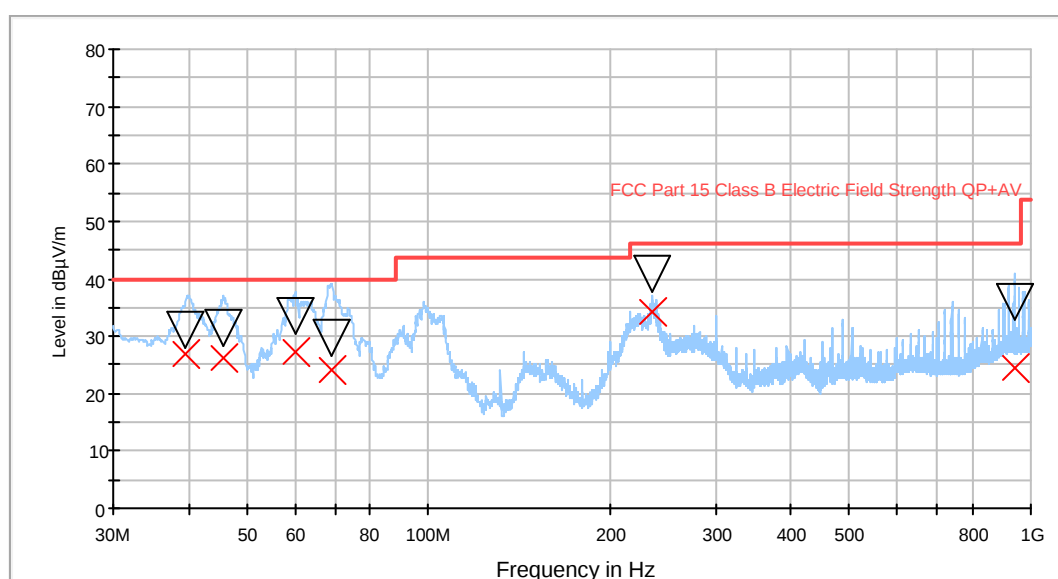
TESTED SAMPLES:	S/01 & S/02
TESTED OPERATION MODES:	OM#01 & OM#02
TEST RESULTS:	CRmmnnRR: CR, Condición de Radiación; mm: Sample number; nn: Operation mode; RR: Measured range.

CRmmnnRR	DESCRIPTION	RESULT
CR0102	Range: 30 MHz – 1000 MHz	P
CR0102RA1_PH	Range: 1 GHz – 18 GHz. Horizontal Polarization	P
CR0102RA1_PV	Range: 1 GHz – 18 GHz. Vertical Polarization	P
CR0102RA2_PH	Range: 18 GHz – 26 GHz. Horizontal Polarization	P
CR0102RA2_PV	Range: 18 GHz – 26 GHz. Vertical Polarization	P
CR0201	Range: 30 MHz – 1000 MHz	P
CR0201RA1_PH	Range: 1 GHz – 18 GHz. Horizontal Polarization	P
CR0201RA1_PV	Range: 1 GHz – 18 GHz. Vertical Polarization	P
CR0201RA2_PH	Range: 18 GHz – 26 GHz. Horizontal Polarization	P
CR0201RA2_PV	Range: 18 GHz – 26 GHz. Vertical Polarization	P

Radiated Emission: CR0102

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#02
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: Power Supply: 5 VDC through Laptop USB port (115VAC)

FCC class B



▽ FCC Part 15 Class B Electric Field Strength QP+AV MaxPeak
× Peak Preview QuasiPeak

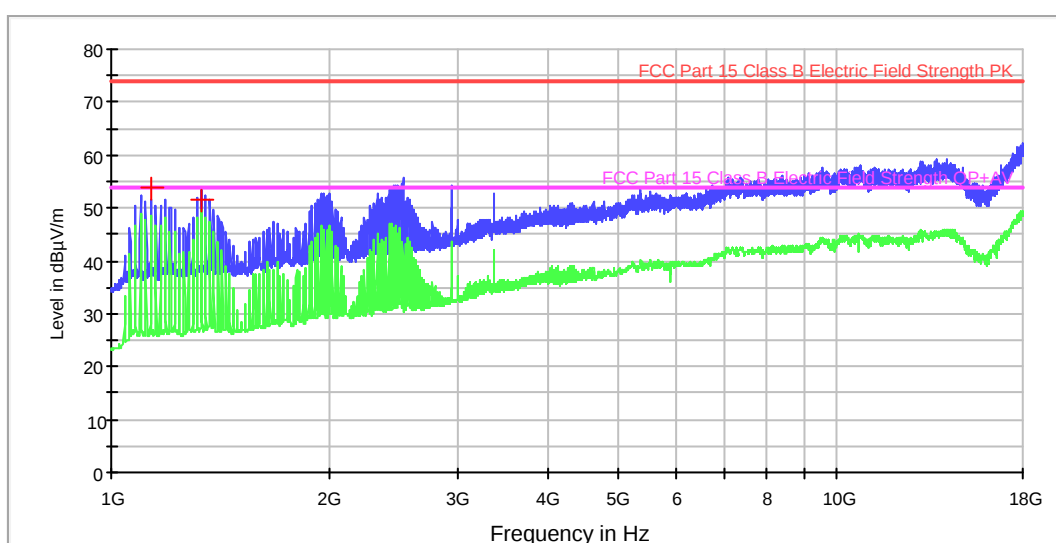
Maximizations

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Height (cm)	Polarization	Azimuth (deg)
39.470541	31.3	26.8	98.0	V	100.0
45.554709	31.5	26.1	98.0	V	92.0
60.309018	33.5	27.1	107.0	V	116.0
69.325251	29.8	24.3	110.0	V	0.0
235.411022	40.8	34.1	128.0	H	246.0
937.444088	35.9	24.5	219.0	H	-3.0

Radiated Emission: CR0102 RA1 PH

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#02
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: Power Supply: 5 VDC through Laptop USB port (115VAC). Horizontal Polarization

FCC 1-18GHz class B



— Peak Scan
— Average Scan
— FCC Part 15 Class B Electric Field Strength PK
— FCC Part 15 Class B Electric Field Strength QP+AV
+ MaxPeak-MaxHold

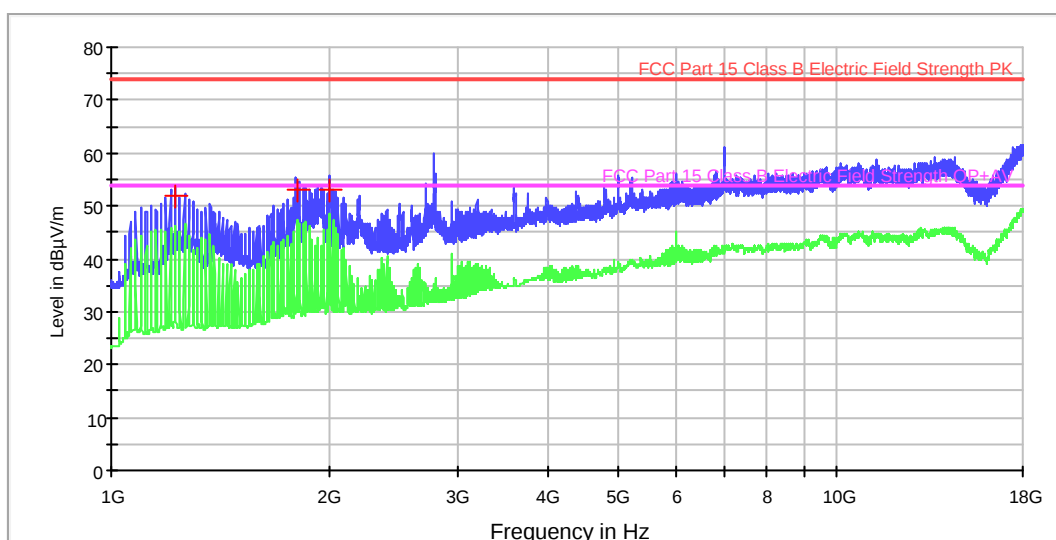
Maximizations

Frequency (MHz)	MaxPeak-MaxHold (dBµV/m)
1133.549098	53.8
1331.128257	51.7

Radiated Emission: CR0102 RA1 PV

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#02
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: Power Supply: 5 VDC through Laptop USB port
(115VAC). Vertical Polarization

FCC 1-18GHz class B



— Peak Scan
— Average Scan
— FCC Part 15 Class B Electric Field Strength PK
— FCC Part 15 Class B Electric Field Strength QP+AV
+ MaxPeak-MaxHold

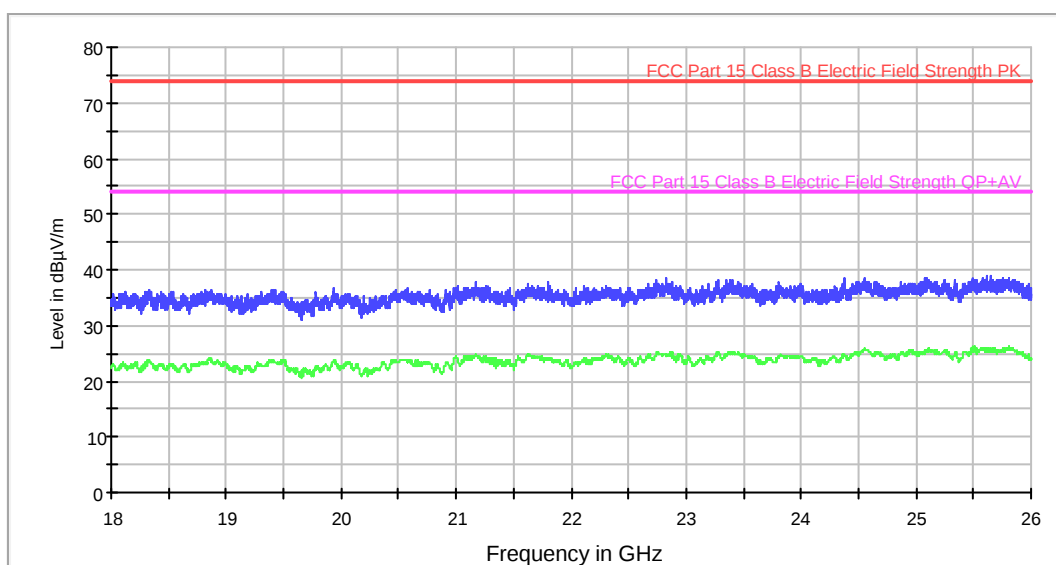
Maximizations

Frequency (MHz)	MaxPeak-MaxHold (dBμV/m)
1223.897796	51.9
1800.376754	53.0
1997.815631	53.1

Radiated Emission: CR0102 RA2 PH

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#02
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: Power Supply: 5 VDC through Laptop USB port (115VAC). Horizontal Polarization

FCC 18-26GHz class B



— Peak Scan
— Average Scan
— FCC Part 15 Class B Electric Field Strength PK
— FCC Part 15 Class B Electric Field Strength QP+AV

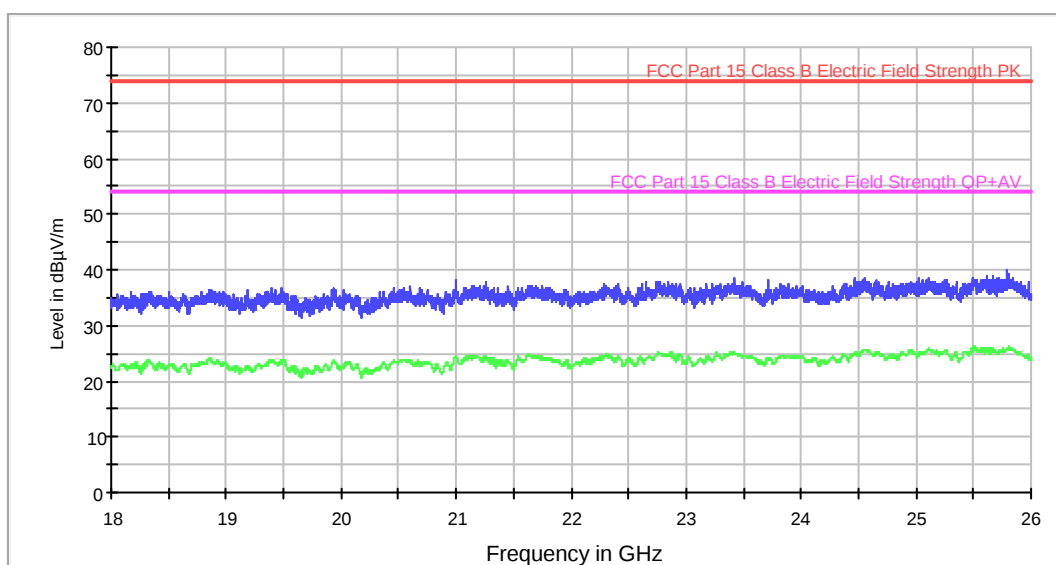
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
18327.000000	36.3	23.7
18820.000000	36.5	23.0
19934.000000	36.7	23.5
20575.000000	36.9	23.8
21178.000000	37.9	24.7
21801.000000	37.7	24.2
22825.000000	38.4	24.6
23400.000000	38.3	25.2
24561.000000	38.7	25.6
25649.000000	38.8	25.8

Radiated Emission: CR0102 RA2 PV

Project: 49467rem002
Company: BITTIUM
Sample: S/01
Operation mode: OM#02
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: Power Supply: 5 VDC through Laptop USB port (115VAC). Vertical Polarization

FCC 18-26GHz class B



— Peak Scan
— FCC Part 15 Class B Electric Field Strength PK
— Average Scan
— FCC Part 15 Class B Electric Field Strength QP+AV

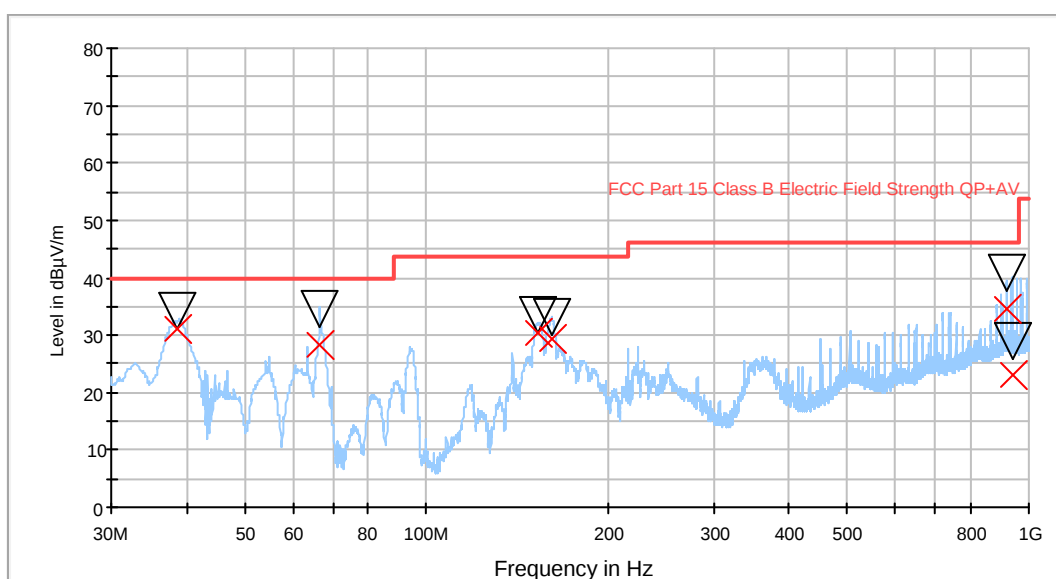
Subrange Maxima

Frequency (MHz)	Average-ClearWrite (dBµV/m)
18343.000000	23.5
18847.000000	24.1
19487.000000	23.2
20605.000000	23.6
20997.000000	24.3
22294.000000	24.4
22658.000000	24.1
23418.000000	25.0
24464.000000	25.0
25799.000000	25.9

Radiated Emission: CR0201

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#01
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active. Power Supply: 115 VAC

FCC class B



▽ FCC Part 15 Class B Electric Field Strength QP+AV MaxPeak
× Peak Preview QuasiPeak

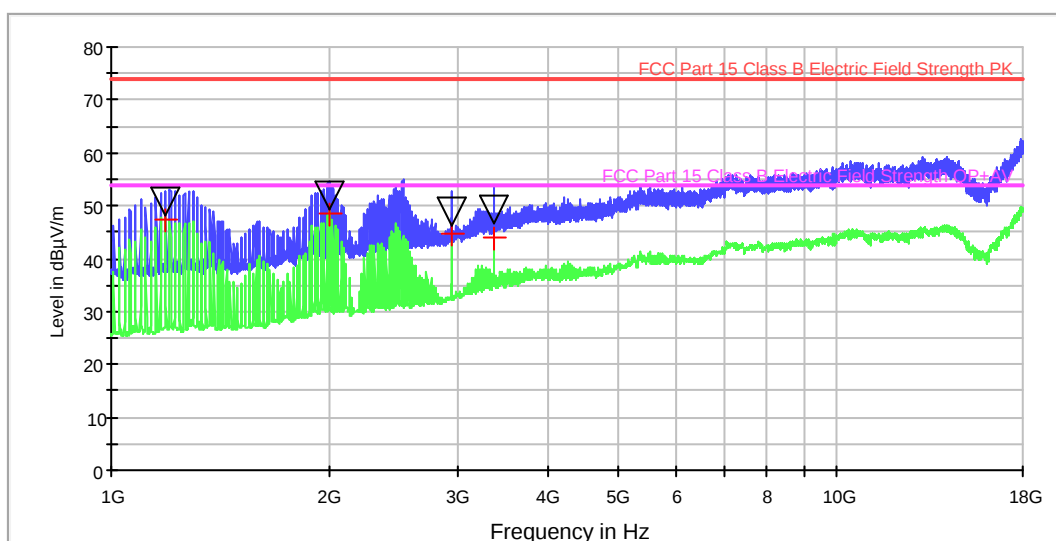
Maximizations

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Height (cm)	Polarization	Azimuth (deg)
38.708617	34.4	31.1	98.0	V	354.0
66.300401	34.6	28.4	101.0	V	357.0
153.211423	33.6	30.2	98.0	V	266.0
161.750501	33.1	29.5	98.0	V	23.0
918.728257	41.0	34.5	147.0	H	354.0
937.937675	29.1	23.1	205.0	H	152.0

Radiated Emission: CR0201 RA1 PH

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#01
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: 115 VAC. Horizontal Polarization

FCC 1-18GHz class B



— Peak Scan
— FCC Part 15 Class B Electric Field Strength PK
+ Average
— Average Scan
— FCC Part 15 Class B Electric Field Strength QP+AV
▽ MaxPeak

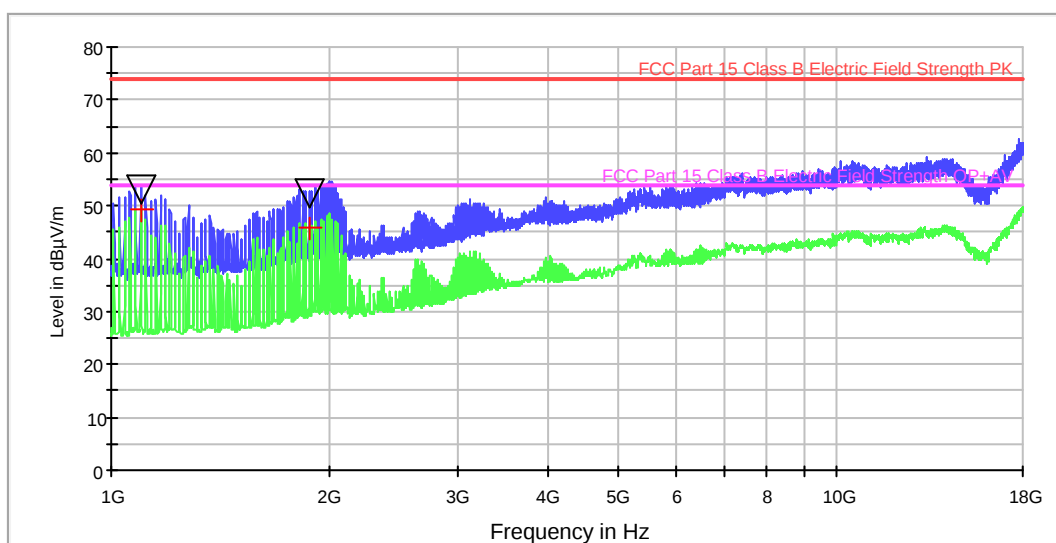
Maximizations

Frequency (MHz)	Average (dBµV/m)	MaxPeak (dBµV/m)
1188.070140	47.4	50.6
1998.188377	48.4	51.9
2939.969940	44.7	49.1
3359.949900	43.9	49.2

Radiated Emission: CR0201 RA1 PV

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#01
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: 115 VAC. Vertical Polarization

FCC 1-18GHz class B



— Peak Scan
— FCC Part 15 Class B Electric Field Strength PK
+ Average
— Average Scan
— FCC Part 15 Class B Electric Field Strength QP+AV
▽ MaxPeak

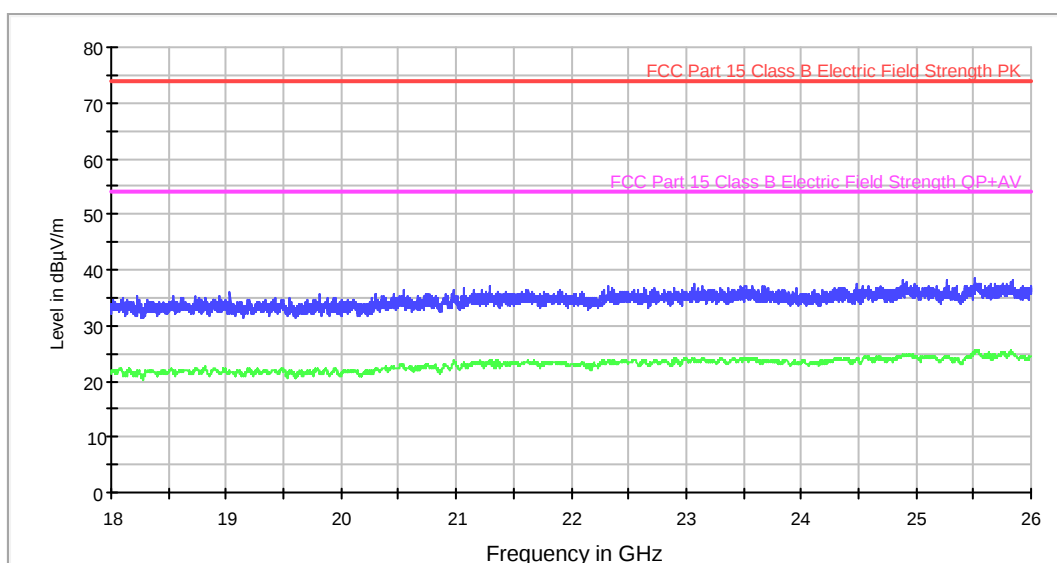
Maximizations

Frequency (MHz)	Average (dBµV/m)	MaxPeak (dBµV/m)
1098.270541	49.4	53.0
1871.609218	45.7	52.2

Radiated Emission: CR0201 RA2PH

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#01
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: 115 VAC. Horizontal Polarization

FCC 18-26GHz class B



— Peak Scan
— FCC Part 15 Class B Electric Field Strength PK
— Average Scan
— FCC Part 15 Class B Electric Field Strength QP+AV

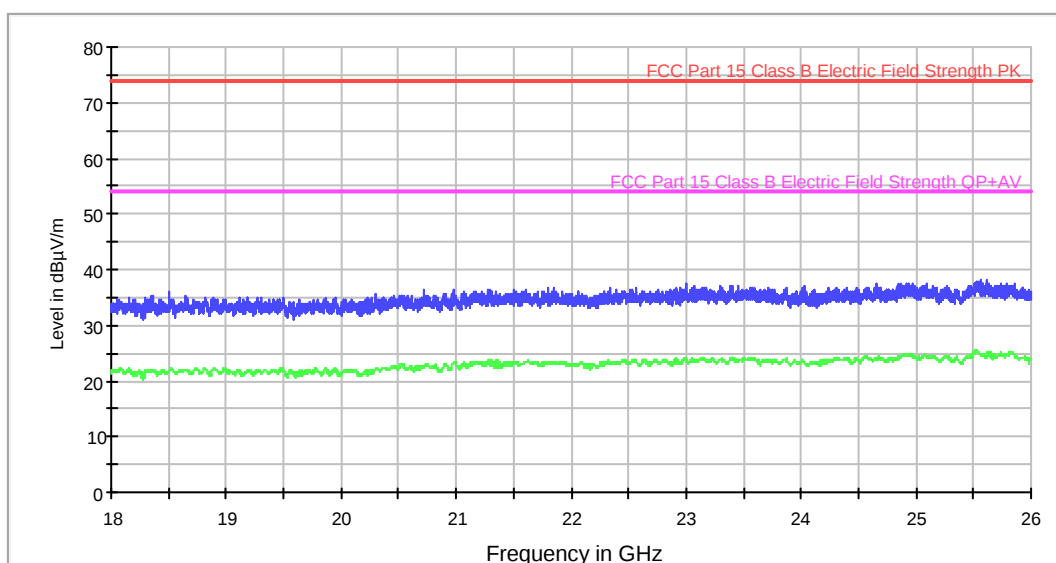
Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Average-ClearWrite (dBμV/m)
18541.000000	35.4	21.9
19037.000000	35.9	21.8
19806.000000	35.5	21.7
20537.000000	36.5	23.0
21291.000000	37.3	23.7
22319.000000	37.2	23.7
23068.000000	37.4	24.0
23481.000000	37.3	24.0
24884.000000	38.1	24.5
25515.000000	38.6	25.4

Radiated Emission: CR0201 RA2 PV

Project: 49467rem002
Company: BITTIUM
Sample: S/02
Operation mode: OM#01
Description: EUT ON. WiFi OFF. Bluetooth OFF. PDC Measurement app active.
Power Supply: 115 VAC. Vertical Polarization.

FCC 18-26GHz class B



— Peak Scan
— FCC Part 15 Class B Electric Field Strength PK
— Average Scan
— FCC Part 15 Class B Electric Field Strength QP+AV

Subrange Maxima

Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Average-ClearWrite (dBμV/m)
18507.000000	35.9	22.0
18821.000000	35.0	22.4
19947.000000	35.0	22.0
20714.000000	36.4	22.8
20983.000000	36.3	23.6
21852.000000	36.9	23.3
22997.000000	37.6	23.8
23301.000000	37.3	23.9
24918.000000	37.7	24.8
25560.000000	38.1	25.0