



**AT4 wireless S.A.**  
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# **TEST REPORT (MODIFICATION 1)**

## **REFERENCE STANDARD:**

**FCC Rules and Regulations 47 CFR Part 15, Subpart B**

**&**

**ANSI C63.4:2003**

**FCC Rules and Regulations 47 CFR Part 15, Subpart B: Limits and methods of measurements  
 for radio frequency devices. Unintentional radiators**

**&**

**American National Standard for Methods of Measurements of Radio-Noise Emissions from  
 Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.**

**MIE** ..... : 32459REM.002A1

Approved by ..... : Rafael López  
 (name / position & signature) ..... : EMC Manager

Elaboration date ..... : 2010-12-13

**Identification of item tested** ..... : TERRESTAR GENUS

Trademark ..... : GENUS

Model and/or type reference ..... : TSN1.1

Other identification of the product ..... : S/N: EBL0013956  
 HW Version: 5.20.02  
 SW Version: SG77

Features ..... : Windows Mobile 6.5,  
 GSM850 / GSM900 / GSM1800 / GSM1900 / WCDMA FDD V / WCDMA  
 FDD II / GMR-13G / BT / WiFi / A-GPS PDA

Description ..... : PDA

**Applicant** ..... : ELEKTROBIT

Address ..... : Tutkijantie 9, FI-90590  
 Oulu, Finland.

CIF/NIF/Passport ..... : FI17375650

Contact person ..... : Jarmo Koivula

Telephone / Fax ..... : +358 40 344 3877

e-mail: ..... : jarmo.koivula@elektrobit.com

|                                                                                                                                                                                          |                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <b>Test samples supplier</b> .....                                                                                                                                                       | ELEKTROBIT                                                 |
| Address.....                                                                                                                                                                             | Tutkijantie 9, FI-90590<br>Oulu, Finland.                  |
| CIF/NIF/Passport.....                                                                                                                                                                    | FI17375650                                                 |
| Contact person:.....                                                                                                                                                                     | Jarmo Koivula                                              |
| Telephone / Fax .....                                                                                                                                                                    | +358 40 344 3877                                           |
| e-mail:.....                                                                                                                                                                             | jarmo.koivula@elektrobit.com                               |
| <b>Manufacturer</b> .....                                                                                                                                                                | ELEKTROBIT                                                 |
| Address.....                                                                                                                                                                             | Tutkijantie 9, FI-90590<br>Oulu, Finland.                  |
| CIF/NIF/Passport.....                                                                                                                                                                    | FI17375650                                                 |
| Contact person:.....                                                                                                                                                                     | Jarmo Koivula                                              |
| Telephone / Fax .....                                                                                                                                                                    | +358 40 344 3877                                           |
| e-mail:.....                                                                                                                                                                             | jarmo.koivula@elektrobit.com                               |
| <b>Test method requested</b> .....                                                                                                                                                       |                                                            |
| Standard.....                                                                                                                                                                            | FCC Rules and Regulations 47 CFR Part 15 & ANSI C63.4:2003 |
| Test procedure.....                                                                                                                                                                      | PEEM001; PEEM002                                           |
| Report template No.....                                                                                                                                                                  | FDT11_11                                                   |
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## INDEX

|                                  |               |
|----------------------------------|---------------|
| Competences and guarantees ..... | 4             |
| General conditions .....         | 4             |
| Usage of samples.....            | 5             |
| Testing period .....             | 6             |
| Environmental conditions .....   | 7             |
| Summary .....                    | 8             |
| Remarks and comments .....       | 8             |
| Testing verdicts .....           | 8             |
| <br>APPENDIX A .....             | <br>110 Pages |

### **Competences and guarantees**

This certificate of conformity was issued in accordance with the decision N° 3/2000 of the Joint Committee established under the Agreement on Mutual Recognition between the European Community and the United States of America. By this decision, AT4 wireless can act as Conformity Assessment Body (CAB) on Electromagnetic Compatibility. This Certificate applies to the samples listed at technical reports.

This laboratory is designed by the Federal Communications Commission (ES0004)

AT4 wireless 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, AT4 wireless has a calibration and maintenance programme 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.

### **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 following AT4 wireless's internal documents:

1. PODT000: Procedure for the measure uncertainty calculation.

## Usage of samples

Samples undergoing test have been selected by: ELEKTROBIT.

Sample S/01 is composed of the following elements:

| <u>Control N°</u> | <u>Description</u>        | <u>Manufacturer</u> | <u>Model</u>      | <u>Serial N°</u>                                           | <u>Date of reception</u> |
|-------------------|---------------------------|---------------------|-------------------|------------------------------------------------------------|--------------------------|
| 32459/02          | PDA<br>TERRESTAR<br>GENUS | ELEKTROBIT          | GENUS /<br>TSN1.1 | S/N: EBL0013984<br>HW version: 5.20.02<br>SW version: SG77 | 2010-10-28               |

Auxiliary elements used with the sample S/01:

| <u>Control N°</u> | <u>Description</u> | <u>Manufacturer</u> | <u>Model</u> | <u>Serial N°</u> | <u>Date of reception</u> |
|-------------------|--------------------|---------------------|--------------|------------------|--------------------------|
| 29742/34          | Headset            | ELEKTROBIT          | Prototype    | Wk/38/09         | 2009-09-30               |
| 29742/86          | AC/DC Charger      | ELEKTROBIT          | Prototype    | ---              | 2009-11-09               |

Sample S/02 is composed of the following elements:

| <u>Control N°</u> | <u>Description</u>        | <u>Manufacturer</u> | <u>Model</u>      | <u>Serial N°</u>                                           | <u>Date of reception</u> |
|-------------------|---------------------------|---------------------|-------------------|------------------------------------------------------------|--------------------------|
| 32459/02          | PDA<br>TERRESTAR<br>GENUS | ELEKTROBIT          | GENUS /<br>TSN1.1 | S/N: EBL0013984<br>HW version: 5.20.02<br>SW version: SG77 | 2010-10-28               |

Auxiliary elements used with the sample S/02:

| <u>Control N°</u> | <u>Description</u> | <u>Manufacturer</u> | <u>Model</u> | <u>Serial N°</u> | <u>Date of reception</u> |
|-------------------|--------------------|---------------------|--------------|------------------|--------------------------|
| 29742/34          | Headset            | ELEKTROBIT          | Prototype    | Wk/38/09         | 2009-09-30               |

Sample S/03 is composed of the following elements:

| <u>Control N°</u> | <u>Description</u>        | <u>Manufacturer</u> | <u>Model</u>      | <u>Serial N°</u>                                           | <u>Date of reception</u> |
|-------------------|---------------------------|---------------------|-------------------|------------------------------------------------------------|--------------------------|
| 32459/02          | PDA<br>TERRESTAR<br>GENUS | ELEKTROBIT          | GENUS /<br>TSN1.1 | S/N: EBL0013984<br>HW version: 5.20.02<br>SW version: SG77 | 2010-10-28               |

Auxiliary elements used with the sample S/03:

| <u>Control N°</u> | <u>Description</u> | <u>Manufacturer</u> | <u>Model</u> | <u>Serial N°</u> | <u>Date of reception</u> |
|-------------------|--------------------|---------------------|--------------|------------------|--------------------------|
| 29742/34          | Headset            | ELEKTROBIT          | Prototype    | Wk/38/09         | 2009-09-30               |
| 29742/120         | USB cable          | ELEKTROBIT          | ---          | ---              | 2010-02-02               |

Sample S/04 is composed of the following elements:

| <u>Control N°</u> | <u>Description</u>        | <u>Manufacturer</u> | <u>Model</u>      | <u>Serial N°</u>                                           | <u>Date of reception</u> |
|-------------------|---------------------------|---------------------|-------------------|------------------------------------------------------------|--------------------------|
| 32459/02          | PDA<br>TERRESTAR<br>GENUS | ELEKTROBIT          | GENUS /<br>TSN1.1 | S/N: EBL0013984<br>HW version: 5.20.02<br>SW version: SG77 | 2010-10-28               |

Auxiliary elements used with the sample S/04:

| <u>Control N°</u> | <u>Description</u> | <u>Manufacturer</u> | <u>Model</u> | <u>Serial N°</u> | <u>Date of reception</u> |
|-------------------|--------------------|---------------------|--------------|------------------|--------------------------|
| 29742/34          | Headset            | ELEKTROBIT          | Prototype    | Wk/38/09         | 2009-09-30               |
| 29742/86          | AC/DC Charger      | ELEKTROBIT          | Prototype    | ---              | 2009-11-09               |
| 31473/01          | External Antenna   | ---                 | ---          | ---              | 2010-05-13               |

## Usage of samples (Continuation)

Samples undergoing test have been selected by: ELEKTROBIT.

Sample S/05 is composed of the following elements:

| <u>Control N°</u> | <u>Description</u>        | <u>Manufacturer</u> | <u>Model</u>      | <u>Serial N°</u>                                           | <u>Date of reception</u> |
|-------------------|---------------------------|---------------------|-------------------|------------------------------------------------------------|--------------------------|
| 32459/02          | PDA<br>TERRESTAR<br>GENUS | ELEKTROBIT          | GENUS /<br>TSN1.1 | S/N: EBL0013984<br>HW version: 5.20.02<br>SW version: SG77 | 2010-10-28               |

Auxiliary elements used with the sample S/05:

| <u>Control N°</u> | <u>Description</u> | <u>Manufacturer</u> | <u>Model</u> | <u>Serial N°</u> | <u>Date of reception</u> |
|-------------------|--------------------|---------------------|--------------|------------------|--------------------------|
| 29742/34          | Headset            | ELEKTROBIT          | Prototype    | Wk/38/09         | 2009-09-30               |
| 31473/01          | External Antenna   | ---                 | ---          | ---              | 2010-05-13               |

Sample S/06 is composed of the following elements:

| <u>Control N°</u> | <u>Description</u>        | <u>Manufacturer</u> | <u>Model</u>      | <u>Serial N°</u>                                           | <u>Date of reception</u> |
|-------------------|---------------------------|---------------------|-------------------|------------------------------------------------------------|--------------------------|
| 32459/02          | PDA<br>TERRESTAR<br>GENUS | ELEKTROBIT          | GENUS /<br>TSN1.1 | S/N: EBL0013984<br>HW version: 5.20.02<br>SW version: SG77 | 2010-10-28               |

Auxiliary elements used with the sample S/06:

| <u>Control N°</u> | <u>Description</u> | <u>Manufacturer</u> | <u>Model</u> | <u>Serial N°</u> | <u>Date of reception</u> |
|-------------------|--------------------|---------------------|--------------|------------------|--------------------------|
| 29742/34          | Headset            | ELEKTROBIT          | Prototype    | Wk/38/09         | 2009-09-30               |
| 29742/120         | USB cable          | ELEKTROBIT          | ---          | ---              | 2010-02-02               |
| 31473/01          | External Antenna   | ---                 | ---          | ---              | 2010-05-13               |

Samples S/01 to S/06 has undergone the next test(s):

- Continuous conducted emission, power leads:
  - Standard: FCC Rules and Regulations 47 CFR Part 15 & ANSI C63.4: 2003
  - Method: FCC Rules and Regulations 47 CFR Part 15, Subpart B (Class B) & ANSI C63.4: 2003
- Radiated emission, electromagnetic field:
  - Standard: FCC Rules and Regulations 47 CFR Part 15 & ANSI C63.4: 2003
  - Method: FCC Rules and Regulations 47 CFR Part 15, Subpart B (Class B) & ANSI C63.4: 2003

## Testing period

The performed test started on 2010-10-29 and finished on the 2010-11-10.

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<br>Max. = 35 °C |
| Relative humidity             | Min. = 20 %<br>Max. = 80 %   |
| Shielding effectiveness       | > 100 dB                     |
| Electric insulation           | > 10 k $\Omega$              |
| Reference resistance to earth | < 0,5 $\Omega$               |

In the semianechoic chamber (21 meters x 11 meters x 8 meters), the following limits were not exceeded during the test.

|                               |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| Temperature                   | Min. = 15 °C<br>Max. = 30 °C                                                                     |
| Relative humidity             | Min. = 45 %<br>Max. = 60 %                                                                       |
| Air pressure                  | Min. = 860 mbar<br>Max. = 1060 mbar                                                              |
| Shielding effectiveness       | > 100 dB                                                                                         |
| Electric insulation           | > 10 k $\Omega$                                                                                  |
| Reference resistance to earth | < 0,5 $\Omega$                                                                                   |
| Normal site attenuation (NSA) | < $\pm 4$ dB at 10 m distance between item under test and receiver antenna, (30 MHz to 1000 MHz) |
| Field homogeneity             | More than 75% of illuminated surface is between 0 and 6 dB (26 MHz to 1000 MHz).                 |

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

|                               |                                     |
|-------------------------------|-------------------------------------|
| Temperature                   | Min. = 15 °C<br>Max. = 30 °C        |
| Relative humidity             | Min. = 45 %<br>Max. = 60 %          |
| Air pressure                  | Min. = 860 mbar<br>Max. = 1060 mbar |
| Shielding effectiveness       | > 100 dB                            |
| Electric insulation           | > 10 k $\Omega$                     |
| Reference resistance to earth | < 0,5 $\Omega$                      |

### Modifications to the reference test report

It was introduced the following modifications in respect to the test report number 32459REM.002 related with the same samples, in the next clauses and sub-clauses:

By client request there is eliminated of the test report the appendix B that contains the equipment and measures setup of the equipment.

### Summary

Considering the results of the performed test according to standard **FCC Rules and Regulations 47 CFR Part 15, Subpart B & ANSI C63.4: 2003**, the items under test are **IN COMPLIANCE** with the requested specifications specified in the standard.

NOTE: The results presented in this Test Report apply only to the particular item under test established in page 1 of this document, as presented for test on the date(s) shown in section, "USAGE OF SAMPLES, TESTING PERIOD AND ENVIRONMENTAL CONDITIONS".

### Remarks and comments

The tests have been realized by the technical personnel: Margarita Haro, José Carlos Luque & José Manuel Márquez González .

The total uncertainty of the measurement system for the measured radio disturbance characteristics of EUT from 150 kHz to 30 MHz is  $I = \pm 3,60$  dB for quasi-peak measurements,  $I = \pm 3,48$  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 1 GHz is  $I = \pm 4,57$  dB for quasi-peak measurements,  $I = \pm 4,48$  dB for peak measurements ( $k = 2$ ) and from 1 to 12,75 GHz is  $I = \pm 3,43$  dB for average and peak measurements.

### Testing verdicts

Not applicable .....: NA

Pass.....: P

Fail .....: F

Not measured.....: NM

# **APPENDIX A**

## **Test Result**

### **APPENDIX A CONTENT:**

|                                                        |    |
|--------------------------------------------------------|----|
| DESCRIPTION OF THE OPERATION MODES.....                | 10 |
| RADIATED EMISSION. ELECTROMAGNETIC FIELD MEASURE. .... | 12 |
| CONTINUOUS CONDUCTED EMISSION ON POWER LEADS .....     | 69 |

## 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.

In the following table appears the operation modes used by the samples tested to that it refers the present test report.

| OPERATION MODE | DESCRIPTION                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------|
| OM#01          | EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.          |
| OM#02          | EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.                     |
| OM#03          | EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.                 |
| OM#04          | EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.         |
| OM#05          | EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode.                                       |
| OM#06          | EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.                |
| OM#07          | EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected. |
| OM#08          | EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.            |
| OM#09          | EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.        |
| OM#10          | EUT ON. IDLE UMTS FDD Band V. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.  |
| OM#11          | EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.                 |
| OM#12          | EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.             |
| OM#13          | EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected.     |
| OM#14          | EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in USB mode.                                   |
| OM#15          | EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in battery mode. Headset connected.            |
| OM#16          | EUT ON. IDLE Satellite mode. BT External Antenna. Power supply AC/DC adapter (115Vac). Headset connected.     |

| OPERATION MODE | DESCRIPTION (Continuation)                                                                                     |
|----------------|----------------------------------------------------------------------------------------------------------------|
| OM#17          | EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in USB mode. Headset connected.                 |
| OM#18          | EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in battery mode. Headset connected.             |
| OM#19          | EUT ON. TCH 850MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.             |
| OM#20          | EUT ON. TCH 850MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.                        |
| OM#21          | EUT ON. TCH 850MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.                    |
| OM#22          | EUT ON. TCH 1900MHz. Bluetooth ON. WiFi. ON. Power supply AC/DC adapter (115Vac). Headset connected.           |
| OM#23          | EUT ON. TCH 1900MHz. Bluetooth ON. WiFi. ON. Power supply in USB mode.                                         |
| OM#24          | EUT ON. TCH 1900MHz. Bluetooth ON. WiFi. ON. Power supply in battery mode. Headset connected.                  |
| OM#25          | EUT ON. TCH UMTS FDD Band II. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.   |
| OM#26          | EUT ON. TCH UMTS FDD Band II. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.              |
| OM#27          | EUT ON. TCH UMTS FDD Band II. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.          |
| OM#28          | EUT ON. TCH UMTS FDD Band V. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.    |
| OM#29          | EUT ON. TCH UMTS FDD Band V. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.               |
| OM#30          | EUT ON. TCH UMTS FDD Band V. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.           |
| OM#31          | EUT ON. TCH Satellite. Bluetooth ON. Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected. |
| OM#32          | EUT ON. TCH Satellite. Bluetooth ON. Internal Antenna. Power supply in USB mode. Headset connected.            |
| OM#33          | EUT ON. TCH Satellite. Bluetooth ON. Internal Antenna. Power supply in battery mode. Headset connected.        |
| OM#34          | EUT ON. TCH Satellite. Bluetooth ON. External Antenna. Power supply AC/DC adapter (115Vac). Headset connected. |
| OM#35          | EUT ON. TCH Satellite. Bluetooth ON. External Antenna. Power supply in USB mode. Headset connected.            |
| OM#36          | EUT ON. TCH Satellite. Bluetooth ON. External Antenna. Power supply in battery mode. Headset connected.        |

## RADIATED EMISSION. ELECTROMAGNETIC FIELD MEASURE.

|                |                    |                                                                       |
|----------------|--------------------|-----------------------------------------------------------------------|
| <b>LIMITS:</b> | Product standard : | FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B & ANSI C63.4:2003 |
|                | Test standard :    | FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B & ANSI C63.4:2003 |

### LIMITS OF INTERFERENCE CLASS B

The applied limit for radiated emissions, 3 m distance, according with the requirements of FCC Rules and Regulations 47 CFR Part 15, Subpart B & ANSI C63.4:2003 in the frequency range 30 MHz to 12,5 GHz, for Class B equipment, which is a transmitter in a band over 500 MHz, was:

| Frequency range<br>(MHz) | Limit for 3 m<br>( $\mu\text{V/m}$ ) | Limit for 3 m<br>(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                                  |

|                                |                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------|
| <b>TESTED SAMPLES:</b>         | S/01 to S/06                                                                              |
| <b>TESTED OPERATION MODES:</b> | OM#01 to OM#18                                                                            |
| <b>TEST RESULTS :</b>          | CRmmnn: CR, Radiation Condition; mm: Sample number; nn: Operation mode, xx: Polarisation. |

| CRmmnn | Description          | Result |
|--------|----------------------|--------|
| CR0101 | Range 30 - 1000 MHz. | P      |
| CR0104 | Range 30 - 1000 MHz. | P      |
| CR0107 | Range 30 - 1000 MHz. | P      |
| CR0110 | Range 30 - 1000 MHz. | P      |
| CR0212 | Range 30 - 1000 MHz. | P      |
| CR0209 | Range 30 - 1000 MHz. | P      |
| CR0206 | Range 30 - 1000 MHz. | P      |
| CR0203 | Range 30 - 1000 MHz. | P      |
| CR0302 | Range 30 - 1000 MHz. | P      |
| CR0305 | Range 30 - 1000 MHz. | P      |
| CR0308 | Range 30 - 1000 MHz. | P      |
| CR0311 | Range 30 - 1000 MHz. | P      |
| CR0314 | Range 30 - 1000 MHz. | P      |

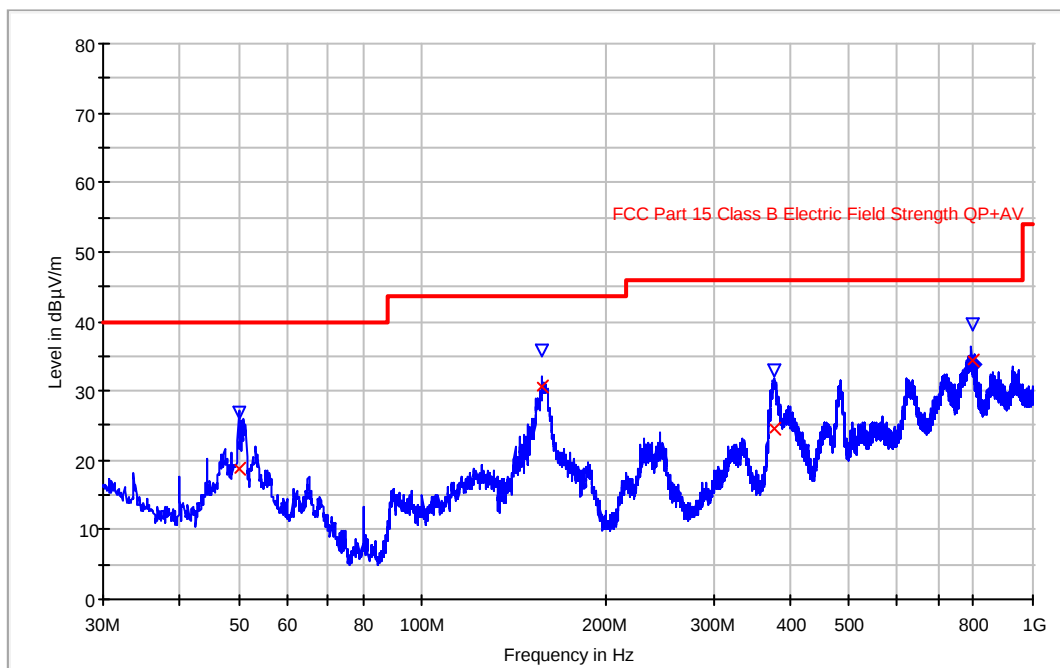
| CRmmnn    | Description (Continuation)                   | Result |
|-----------|----------------------------------------------|--------|
| CR0617    | Range 30 - 1000 MHz.                         | P      |
| CR0416    | Range 30 - 1000 MHz.                         | P      |
| CR0518    | Range 30 - 1000 MHz.                         | P      |
| CR0215    | Range 30 - 1000 MHz.                         | P      |
| CR0113    | Range 30 - 1000 MHz.                         | P      |
| CR0113PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0113PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0416PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0416PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0518PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0518PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR00215PH | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0215PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0101PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0101PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0302PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0302PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0203PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0203PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0104PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0104PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0305PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0305PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0206PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0206PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0107PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0107PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0308PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0308PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0209PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0209PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0110PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0110PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0311PH  | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0311PV  | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |

| CRmmnn   | Description (Continuation)                   | Result |
|----------|----------------------------------------------|--------|
| CR0212PH | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0212PV | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0314PH | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0314PV | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |
| CR0617PH | Range 1 – 12,5 GHz. Horizontal polarisation. | P      |
| CR0617PV | Range 1 – 12,5 GHz. Vertical polarisation.   | P      |

## Radiated Emission: CR0101 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#01  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

### FCC class B Hybrid Bilog



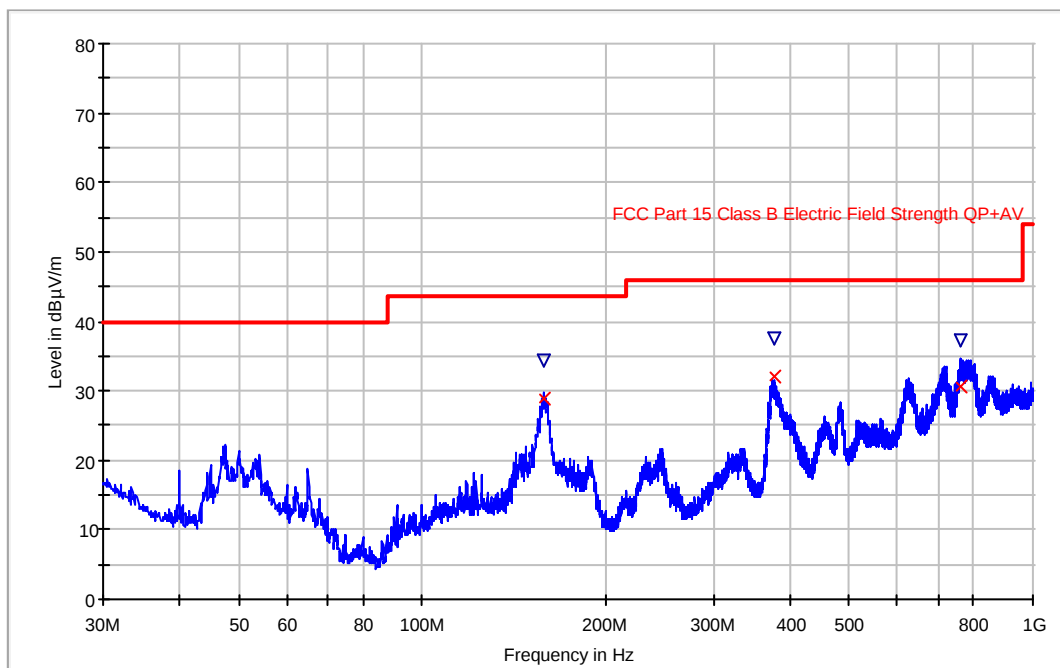
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 50.059118       | 18.8               | 27.0             | 133.00              | V        | 92.0                     |
| 157.459719      | 30.6               | 35.8             | 100.00              | V        | 93.0                     |
| 377.415631      | 24.7               | 32.8             | 118.00              | V        | 113.0                    |
| 794.219238      | 34.3               | 39.5             | 135.00              | V        | 203.0                    |

## Radiated Emission: CR0104 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#04  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

### FCC class B Hybrid Bilog



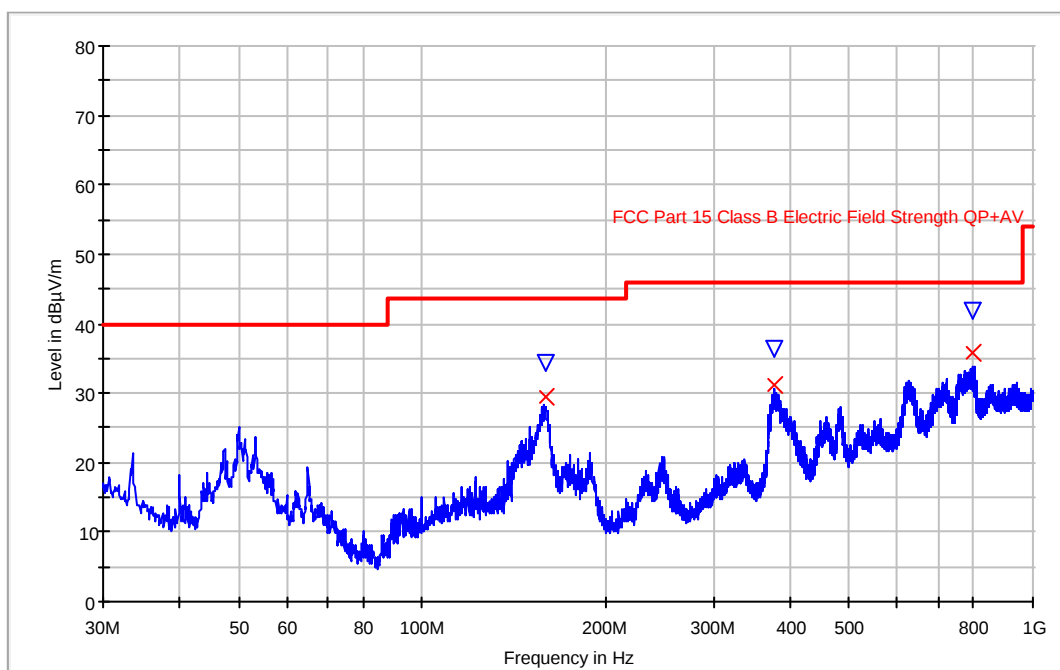
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 158.081764      | 29.0               | 34.4             | 98.00               | V        | 143.0                    |
| 376.048096      | 32.0               | 37.5             | 98.00               | H        | 342.0                    |
| 759.218437      | 30.7               | 37.2             | 132.00              | H        | 336.0                    |

## Radiated Emission: CR00107 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#07  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

### FCC class B Hybrid Bilog



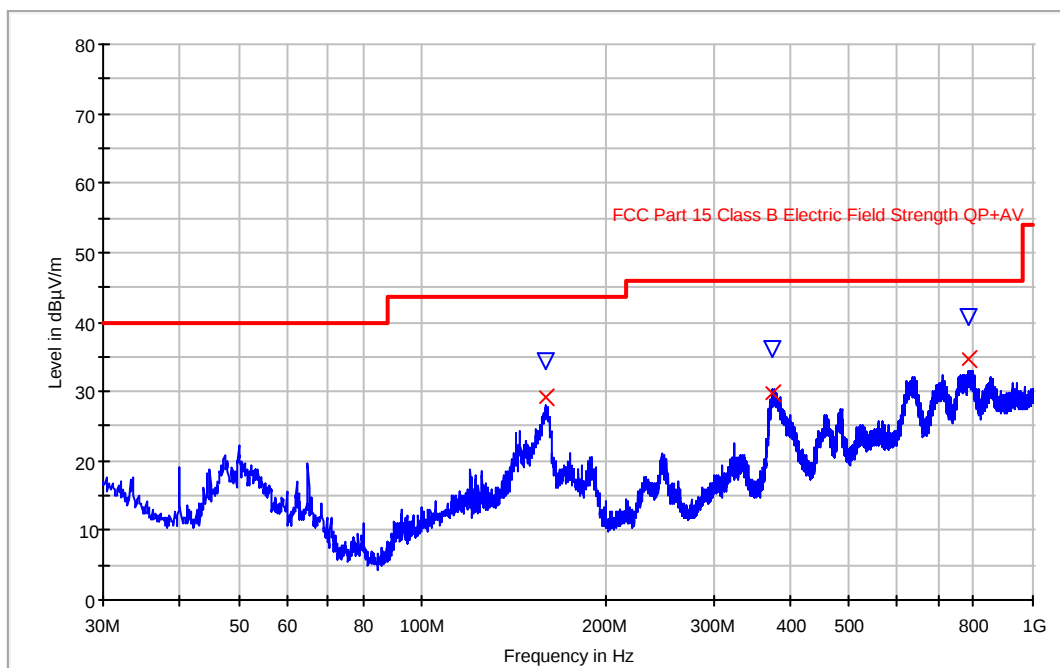
### Maximized

| Frequency (MHz) | QuasiPeak (dBμV/m) | MaxPeak (dBμV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 158.789579      | 29.5               | 34.4             | 98.00               | V        | 219.0                    |
| 377.520641      | 31.1               | 36.5             | 98.00               | H        | 341.0                    |
| 795.534469      | 35.9               | 41.8             | 130.00              | H        | 337.0                    |

## Radiated Emission: CR0110 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#10  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

### FCC class B Hybrid Bilog



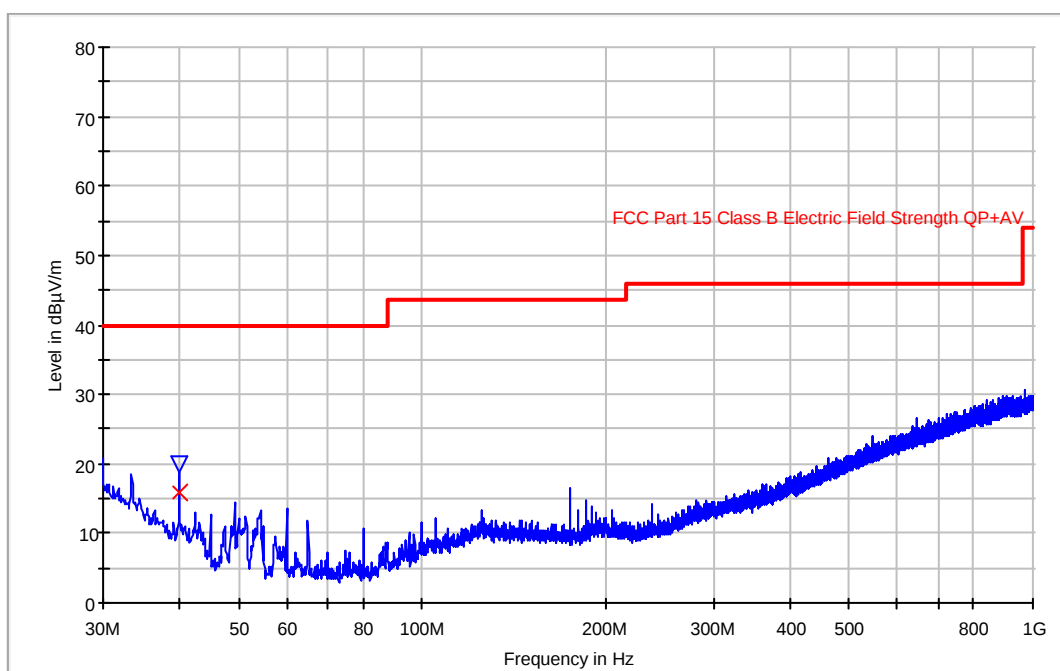
### Maximized

| Frequency (MHz) | QuasiPeak (dBuV/m) | MaxPeak (dBuV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 159.698998      | 29.1               | 34.5             | 98.00               | V        | 171.0                    |
| 374.010822      | 29.6               | 36.1             | 98.00               | H        | 330.0                    |
| 786.148297      | 34.7               | 40.6             | 134.00              | H        | 334.0                    |

## Radiated Emission: CR0212 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#12  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

### FCC class B Hybrid Bilog



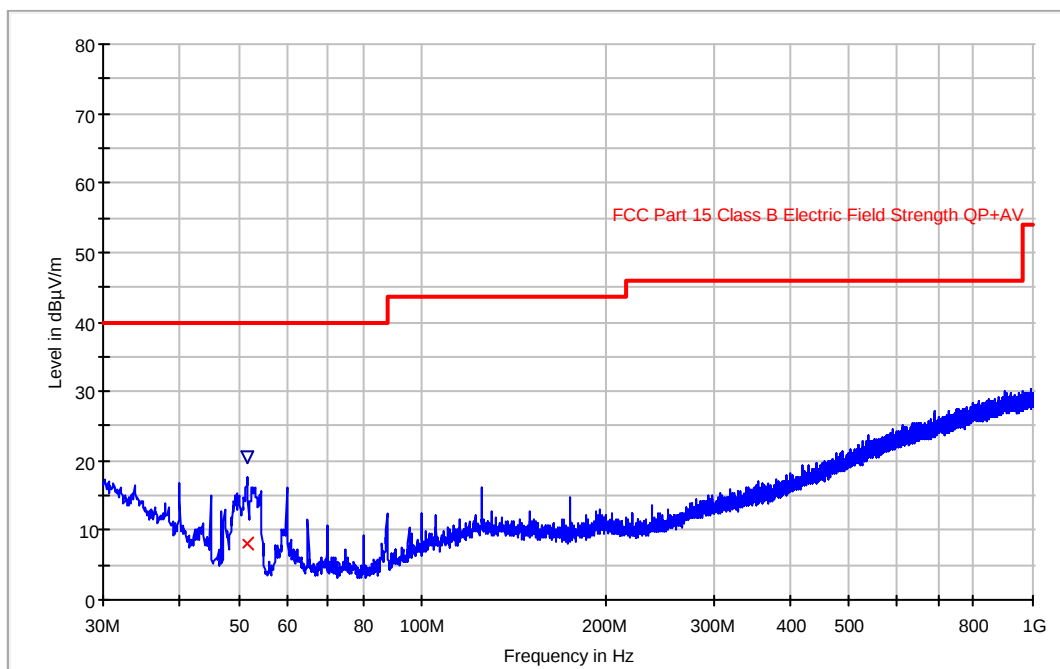
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 40.001002       | 15.8               | 19.9             | 99.00               | V        | 92.0                     |

## Radiated Emission: CR0209 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#09  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in battery mode. Headset connected.

### FCC class B Hybrid Bilog



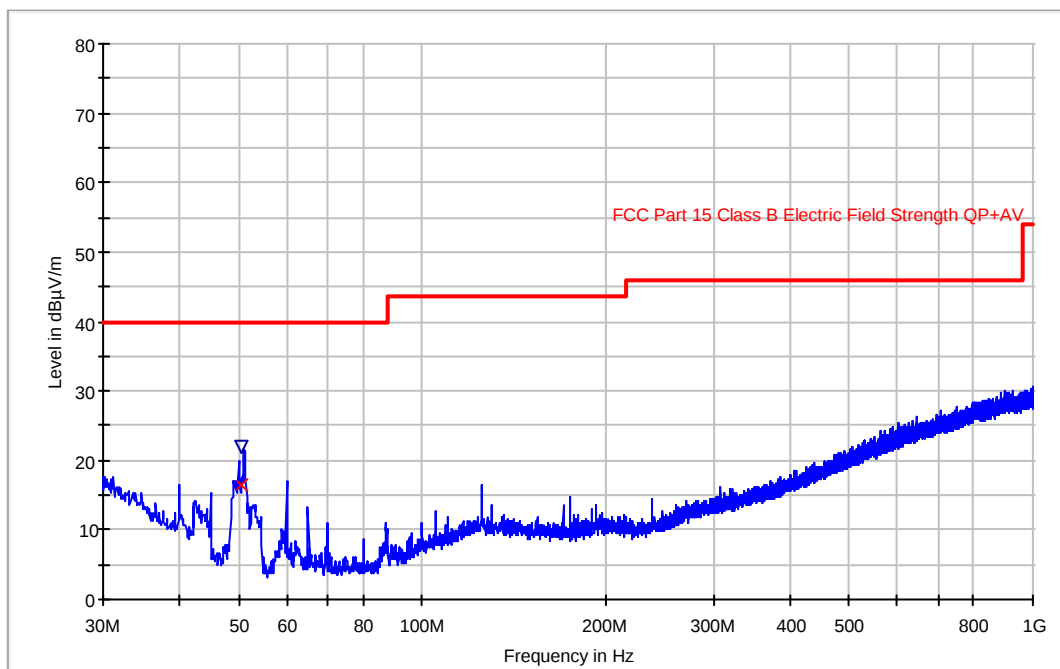
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 51.504810       | 8.0                | 20.5             | 127.00              | V        | 91.0                     |

## Radiated Emission: CR0206 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#06  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

### FCC class B Hybrid Bilog



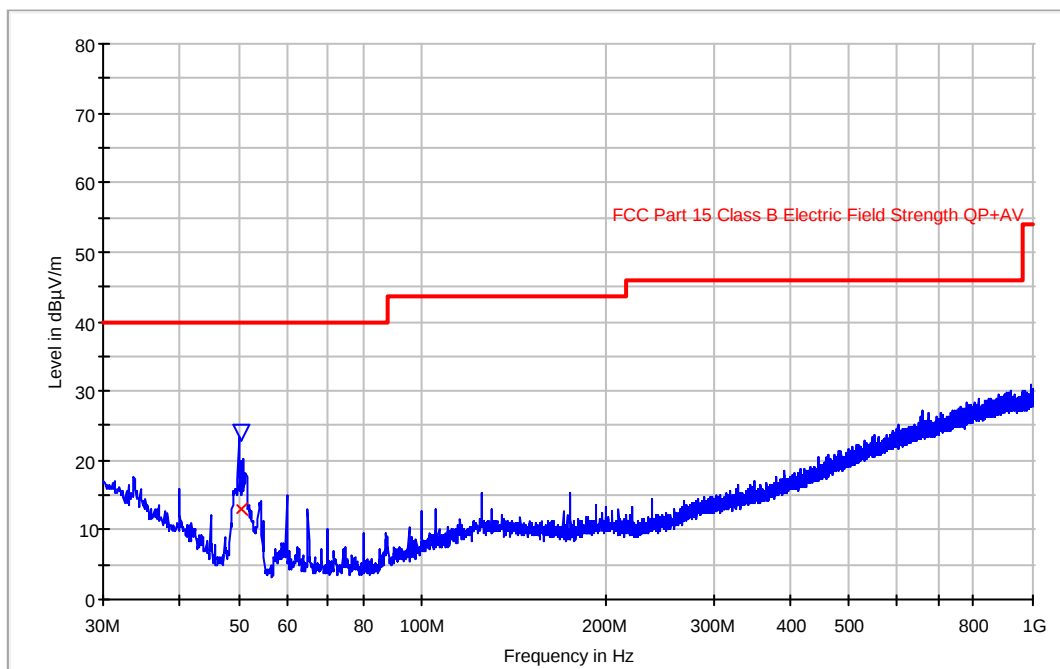
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 50.706012       | 16.5               | 21.8             | 97.00               | V        | 87.0                     |

## Radiated Emission: CR0203 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#03  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

### FCC class B Hybrid Bilog



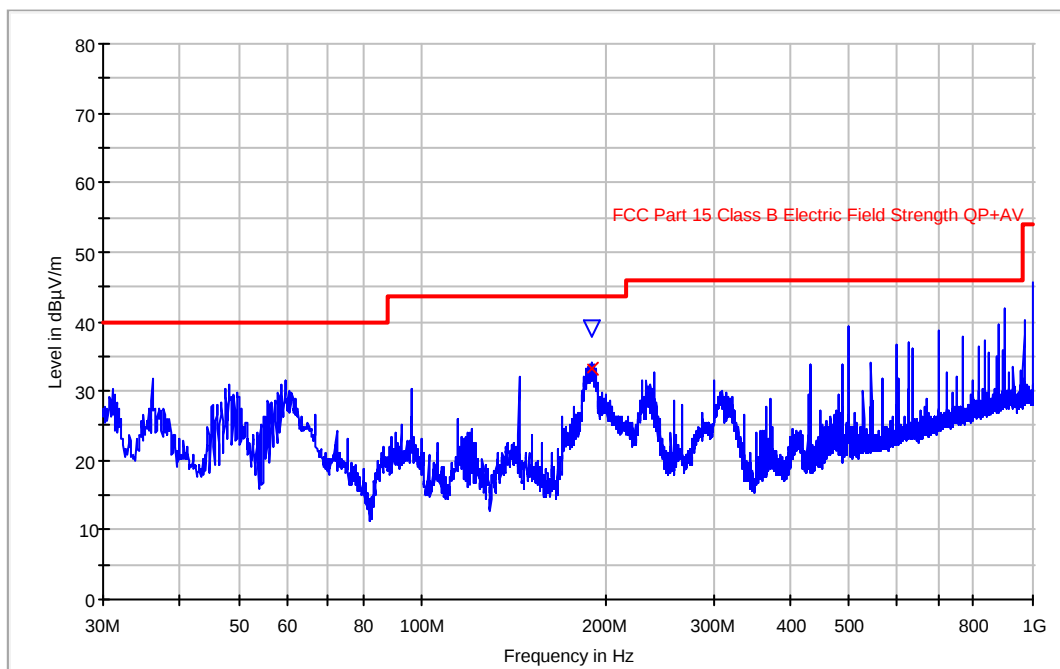
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 50.345691       | 13.1               | 24.1             | 167.00              | V        | 88.0                     |

## Radiated Emission: CR0302 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#02  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

### FCC class B Bilog Hibrida



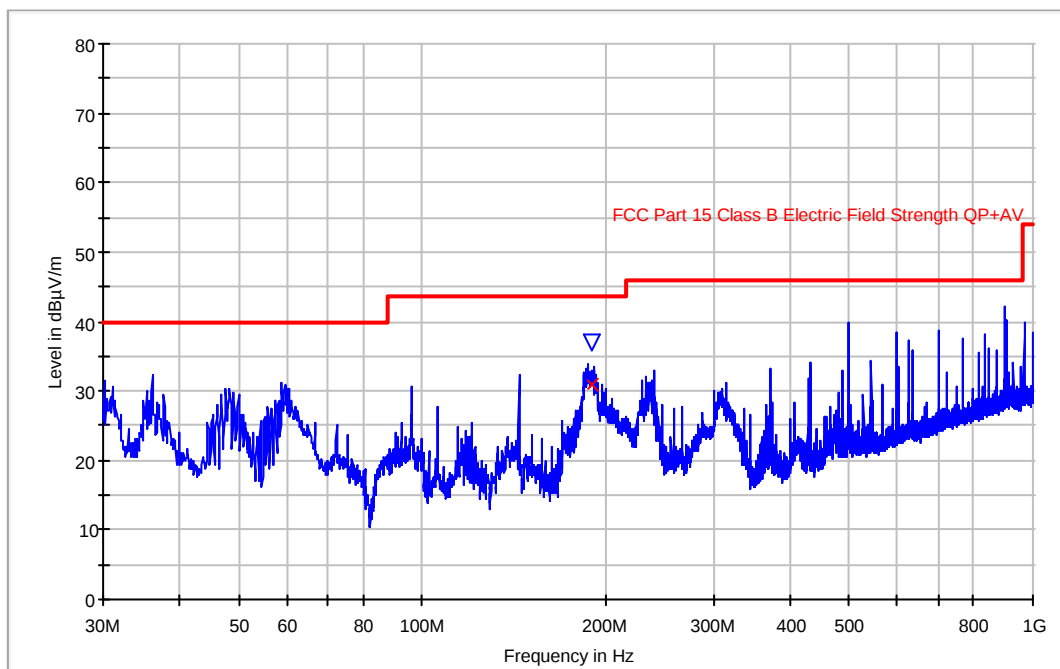
### Maximizada

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 189.815030      | 33.2               | 39.0             | 109.00              | H        | 308.0                    |

## Radiated Emission: CR0305 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#05  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode.

### FCC class B Bilog Hibrida



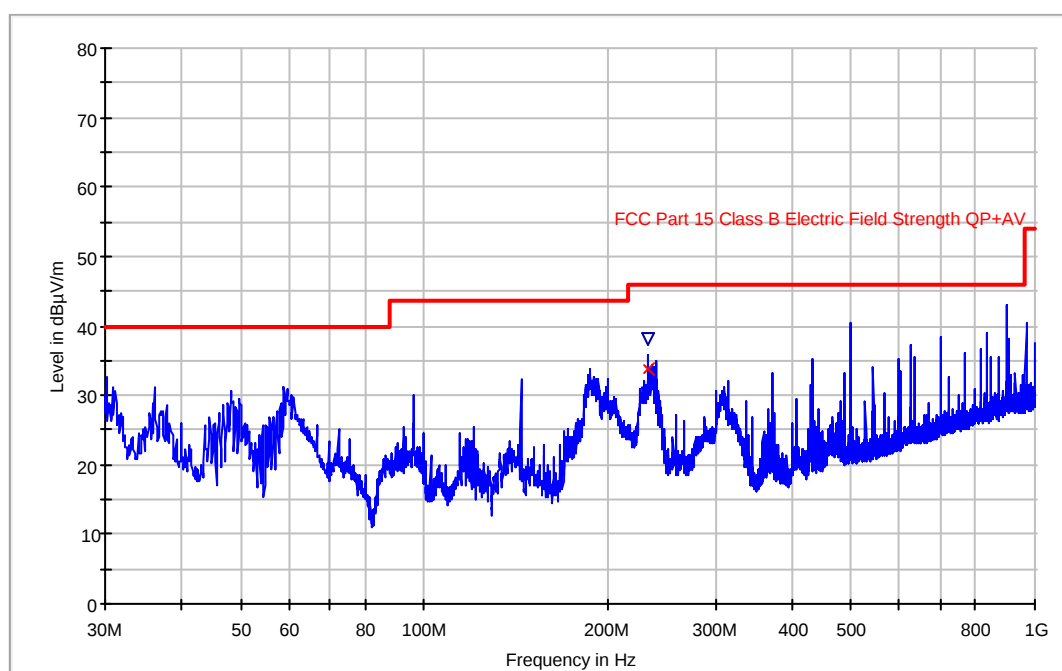
### Maximizada

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 189.406813      | 30.8               | 37.1             | 111.00              | H        | 311.0                    |

## Radiated Emission: CR0308 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#08  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

### FCC class B Bilog Hibrida



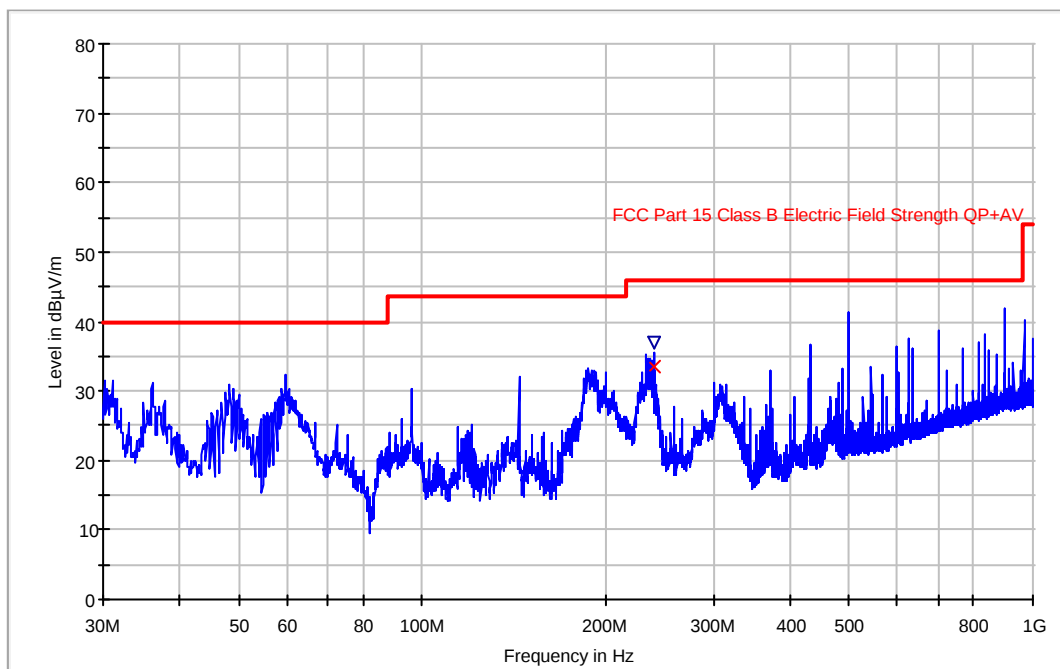
### Maximizada

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 233.331062      | 33.8               | 38.2             | 143.00              | H        | 143.0                    |

## Radiated Emission: CR0311 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#11  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

### FCC class B Bilog Hibrida



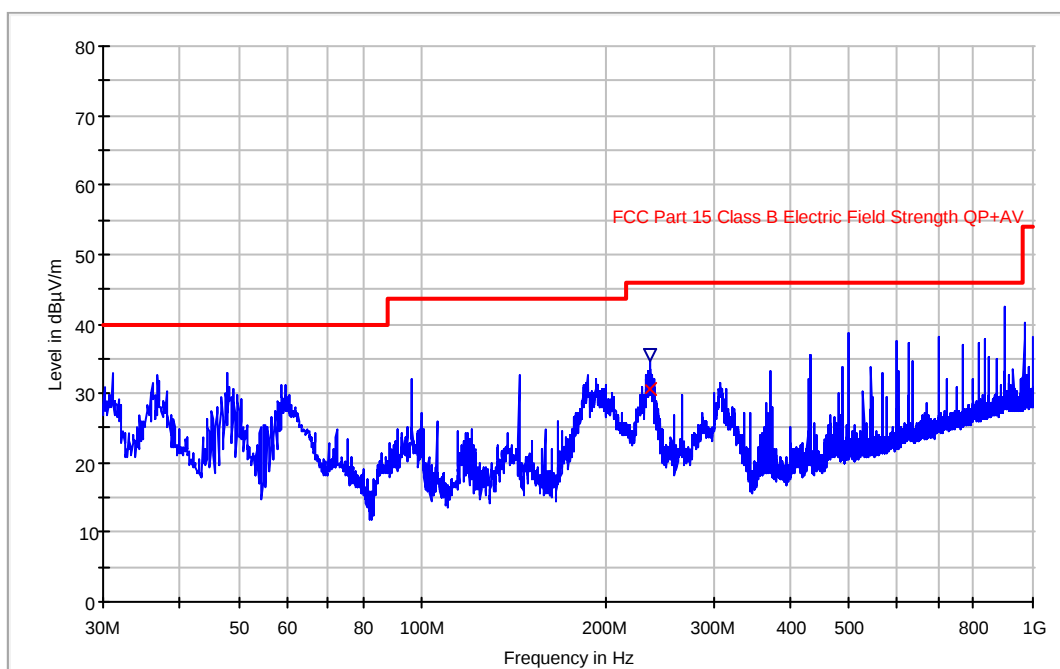
### Maximizada

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 240.021042      | 33.4               | 37.0             | 149.00              | H        | 84.0                     |

## Radiated Emission: CR0314 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#14  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in USB mode.

### FCC class B Bilog Hibrida



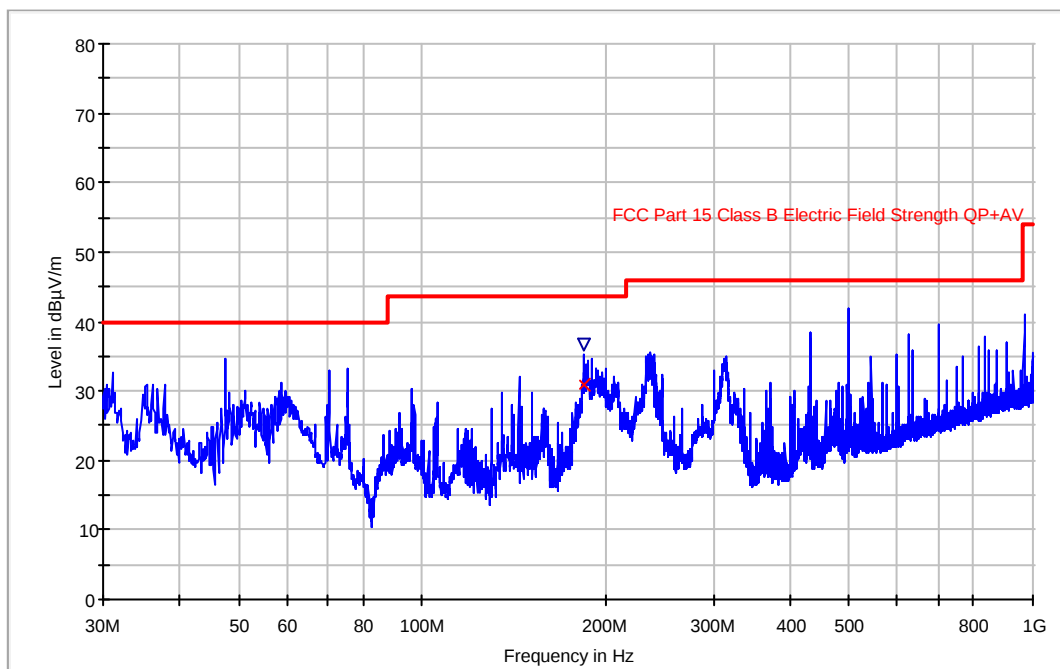
### Maximizada

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 236.224248      | 30.5               | 35.5             | 139.00              | H        | 122.0                    |

## Radiated Emission: CR0617 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/06  
 Operation mode: OM#17  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in USB mode. Headset connected.

### FCC class B Bilog Hibrida



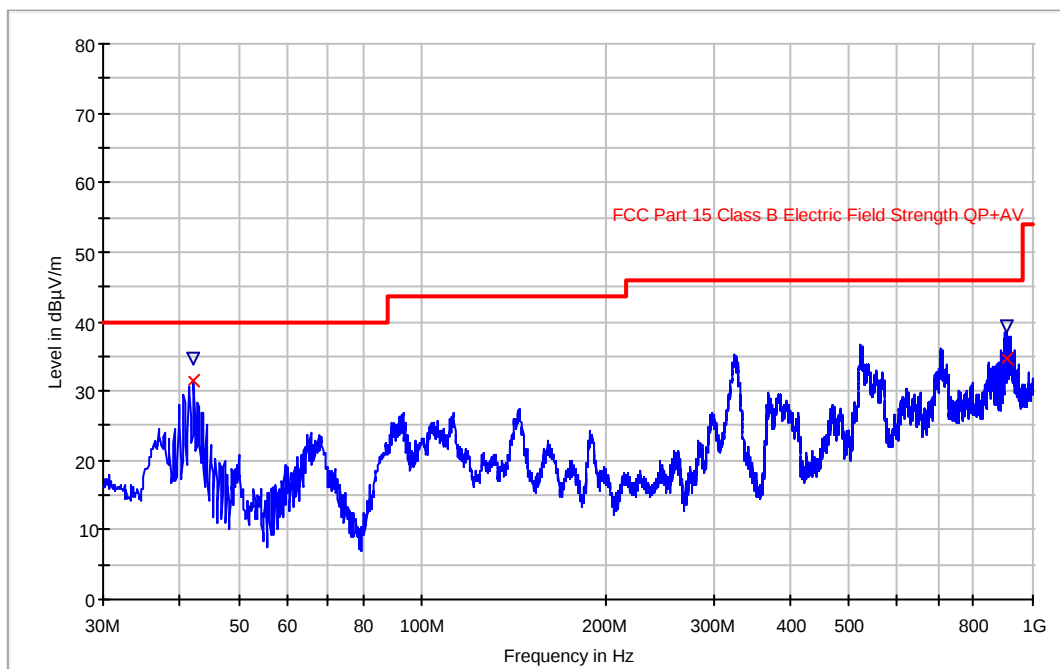
### Maximizada

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 184.129860      | 30.9               | 36.7             | 202.00              | H        | 321.0                    |

## Radiated Emission: CR0416 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/04  
 Operation mode: OM#16  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

### FCC class B Bilog Hibrida



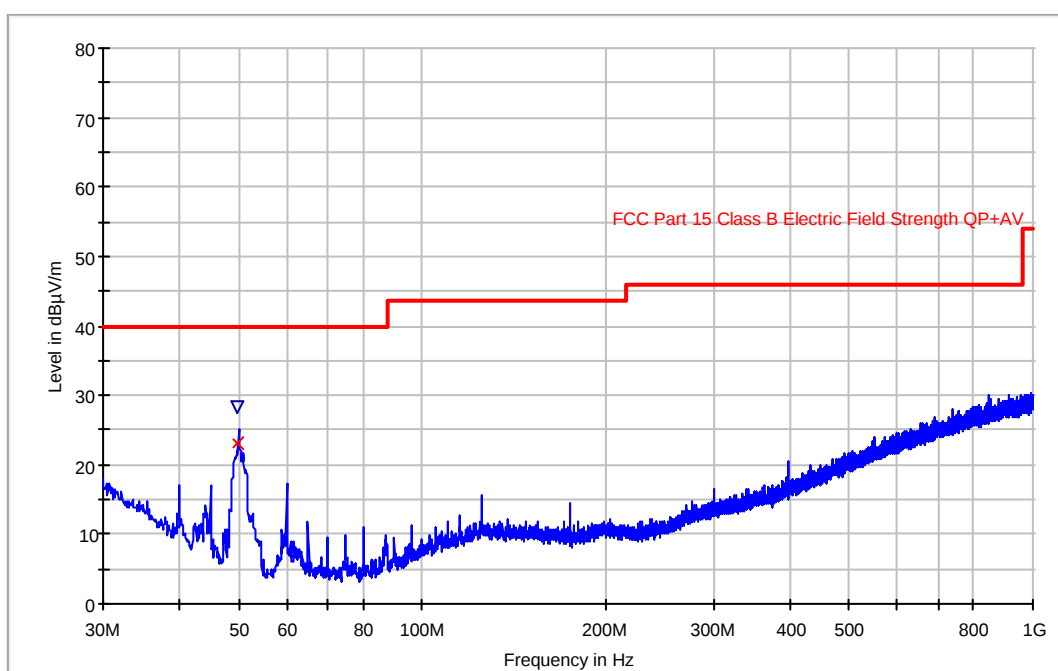
### Maximizadas

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 42.303206       | 31.5               | 34.7             | 100.00              | V        | 337.0                    |
| 904.080762      | 34.7               | 39.4             | 346.00              | V        | 105.0                    |

## Radiated Emission: CR0518 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/05  
 Operation mode: OM#18  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in battery mode. Headset connected.

### FCC class B Bilog Hibrida



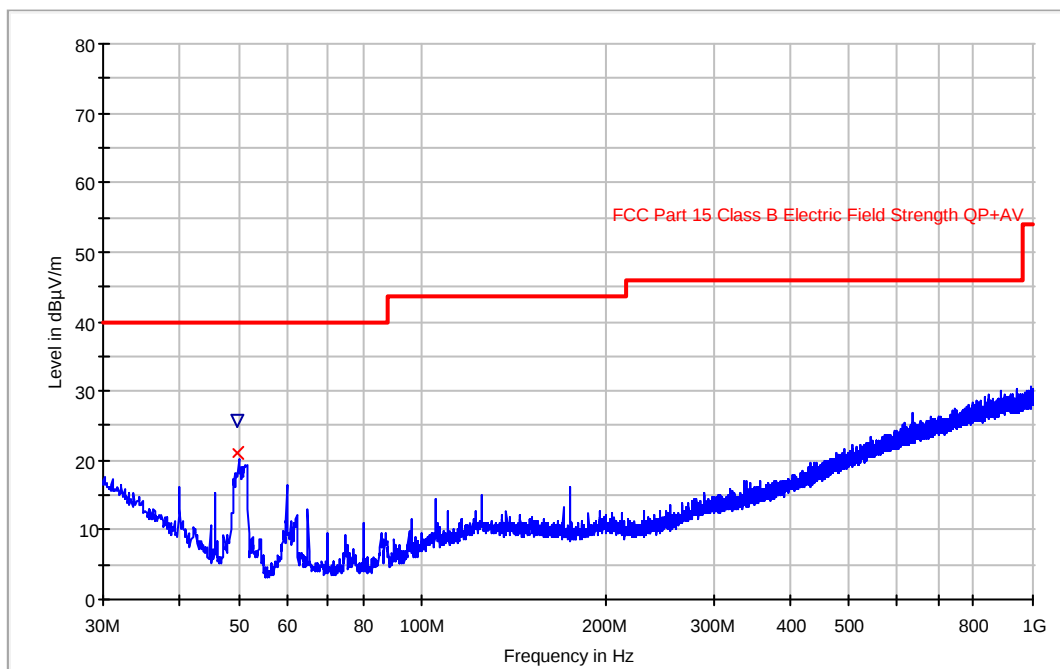
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 49.948898       | 23.2               | 28.3             | 100.00              | V        | 88.0                     |

## Radiated Emission: CR0215 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#15  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in battery mode. Headset connected.

### FCC class B Bilog Hibrida



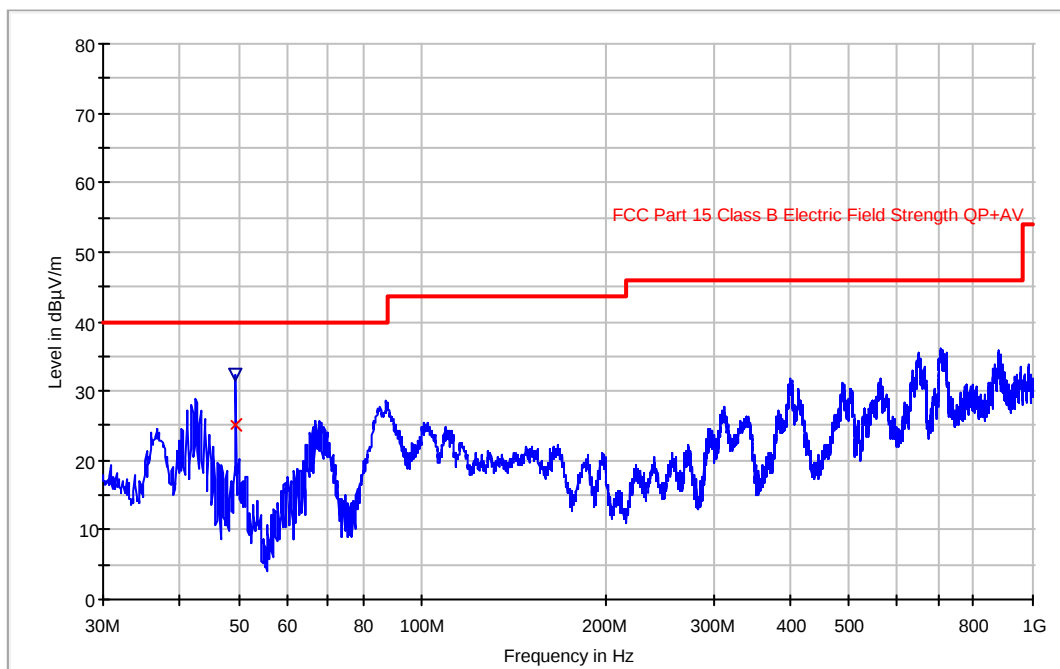
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 49.952906       | 21.0               | 25.6             | 109.00              | V        | 323.0                    |

## Radiated Emission: CR0113 (30MHz to 1GHz)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#13  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

### FCC class B Bilog Hibrida



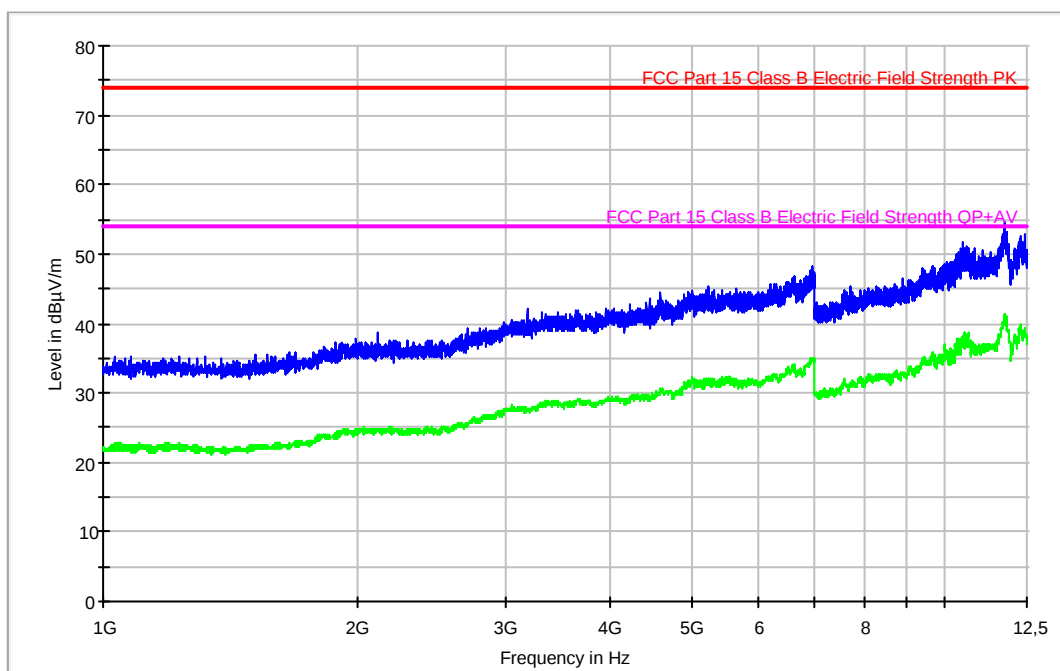
### Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 49.506673       | 25.2               | 32.4             | 172.00              | V        | 87.0                     |

# Radiated Emission: CR0113\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#13  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

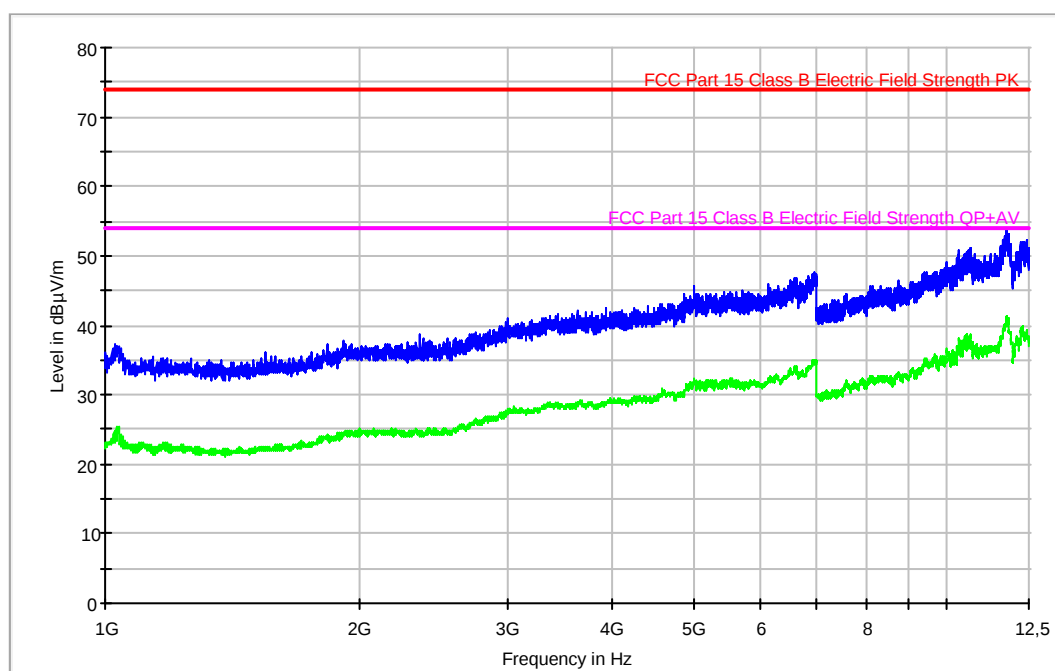
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0113\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#13  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

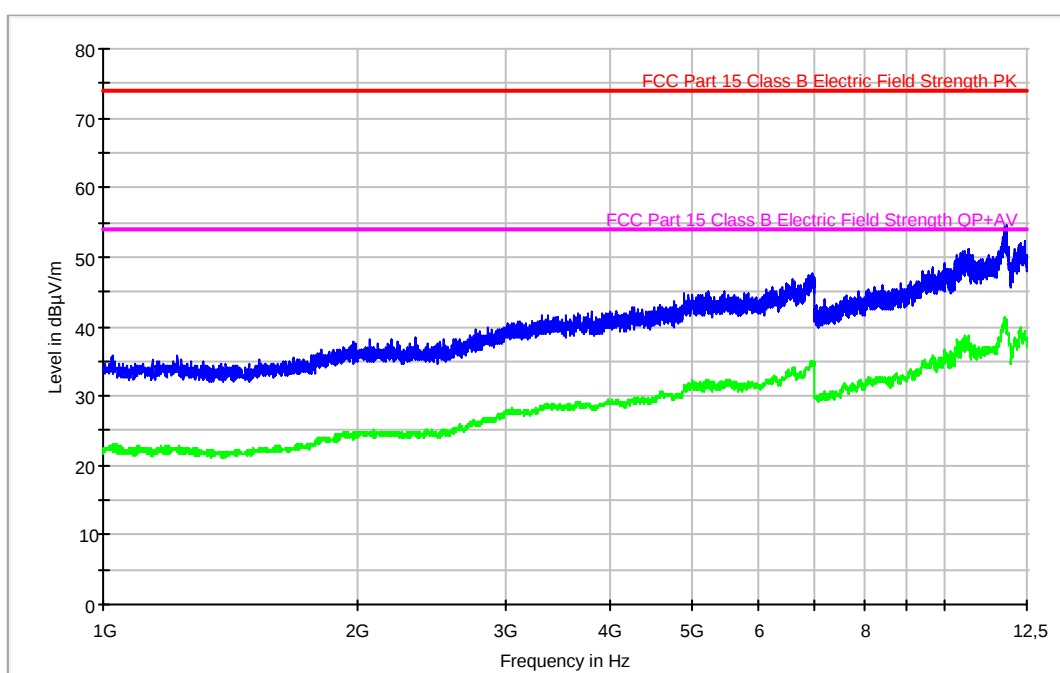
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0416\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/04  
 Operation mode: OM#16  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

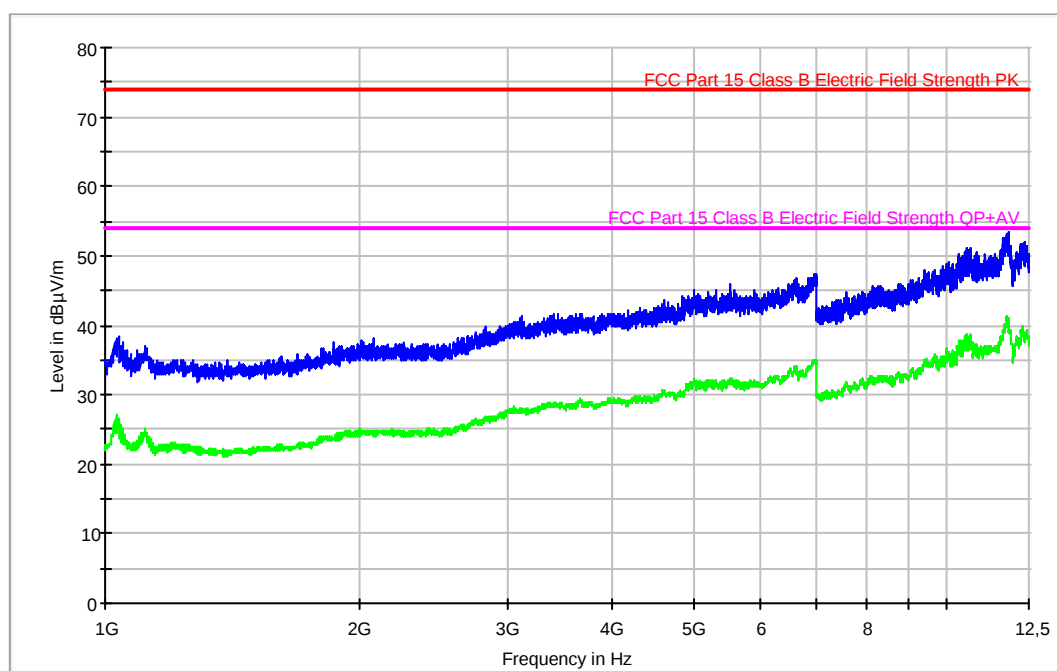
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0416\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/04  
 Operation mode: OM#16  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

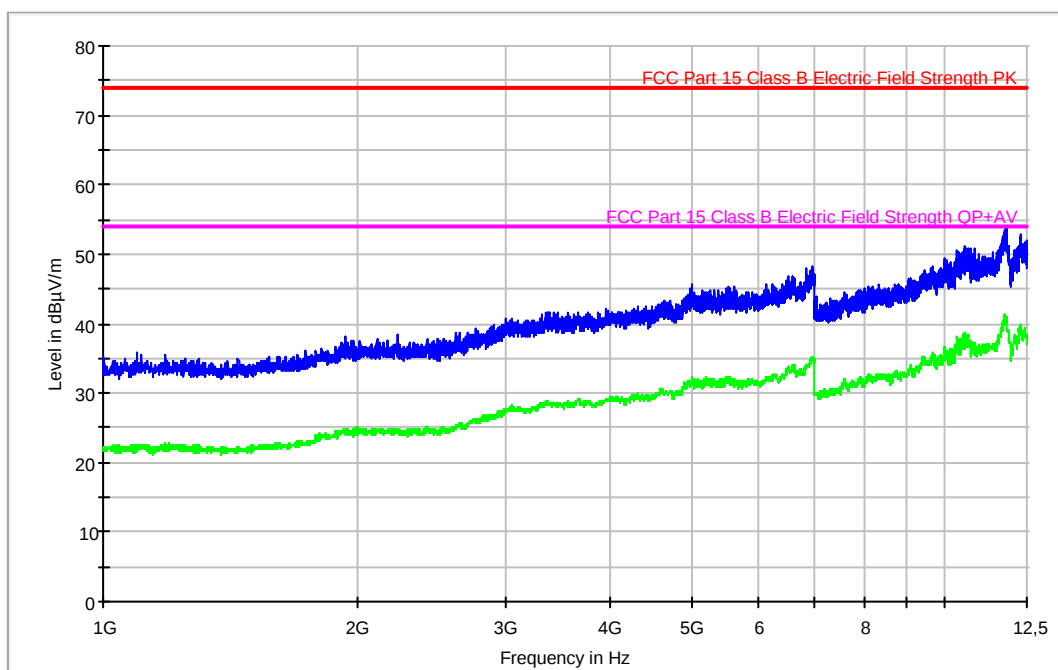
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0518\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/05  
 Operation mode: OM#18  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in battery mode. Headset connected.

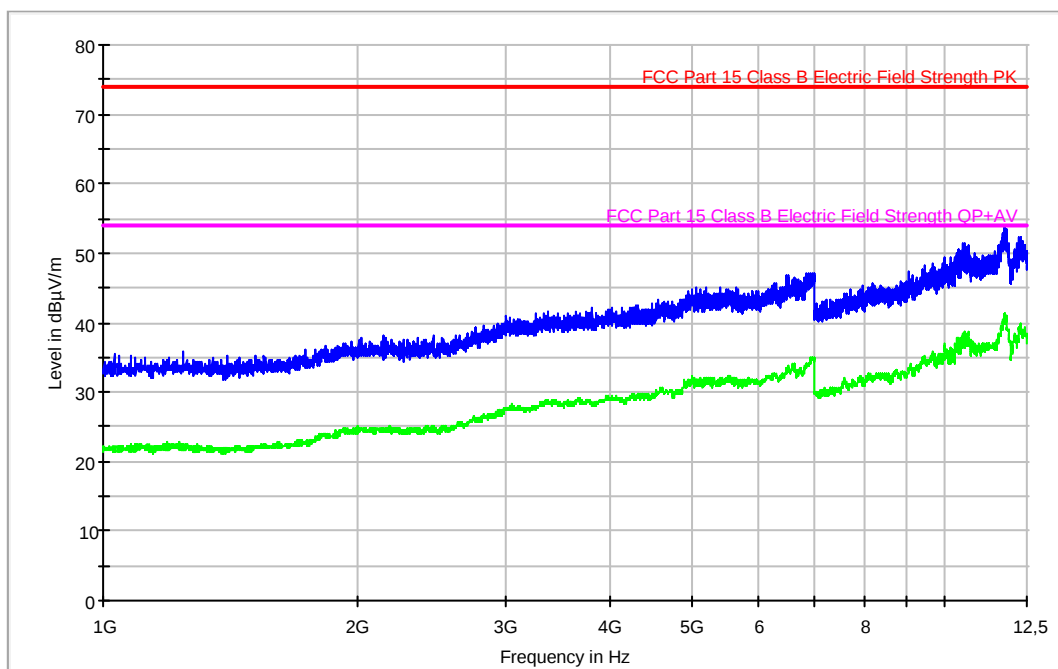
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0518\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/05  
 Operation mode: OM#18  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in battery mode. Headset connected.

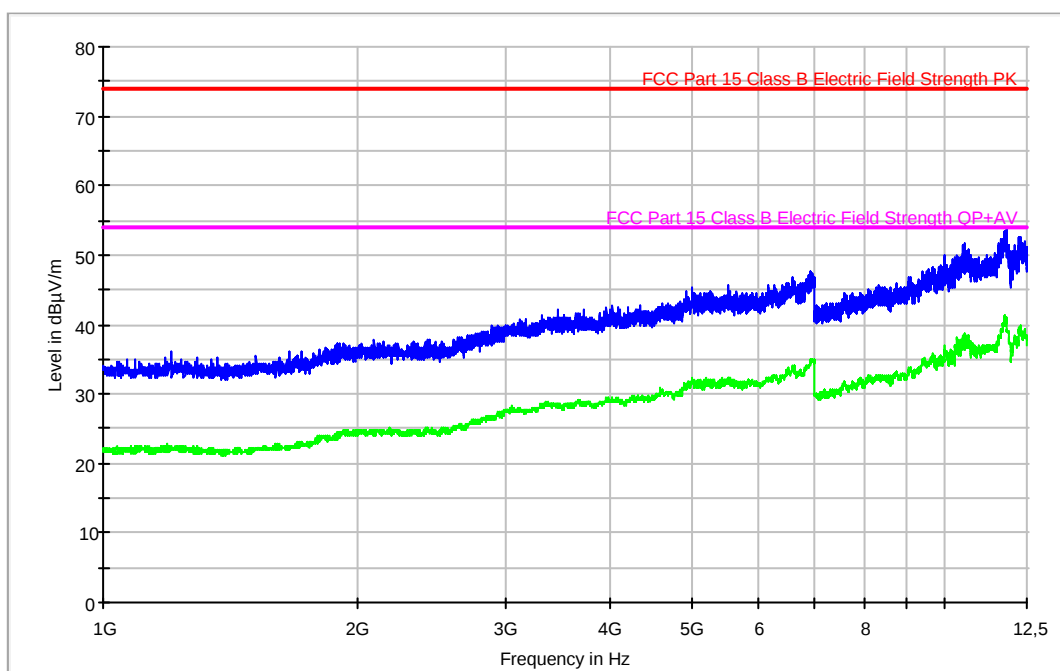
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0215\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#15  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in battery mode. Headset connected.

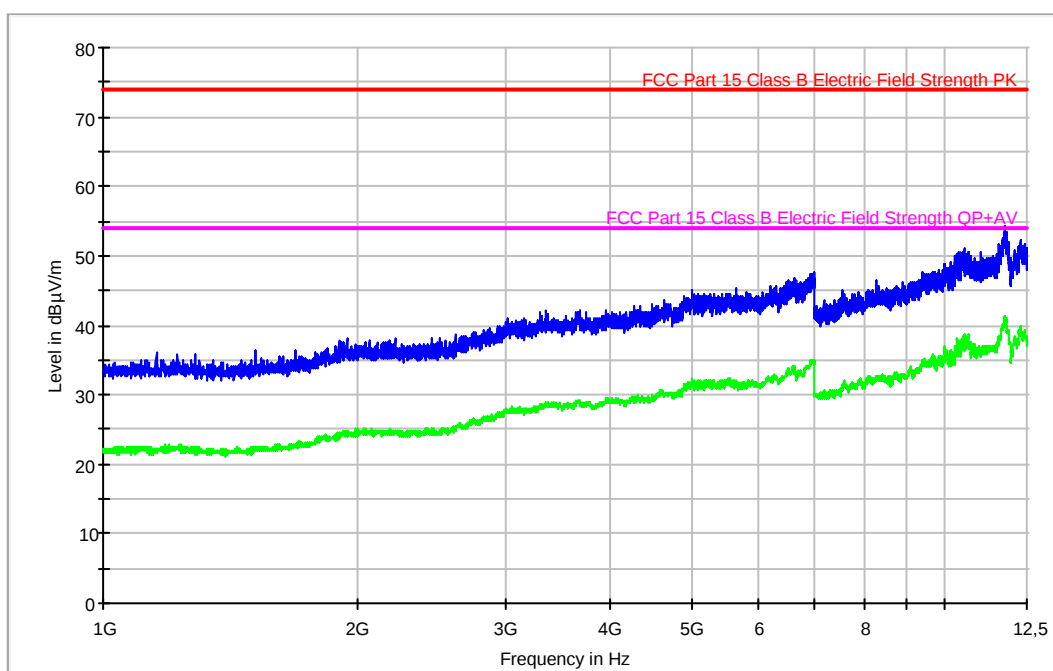
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0215\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#15  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in battery mode. Headset connected.

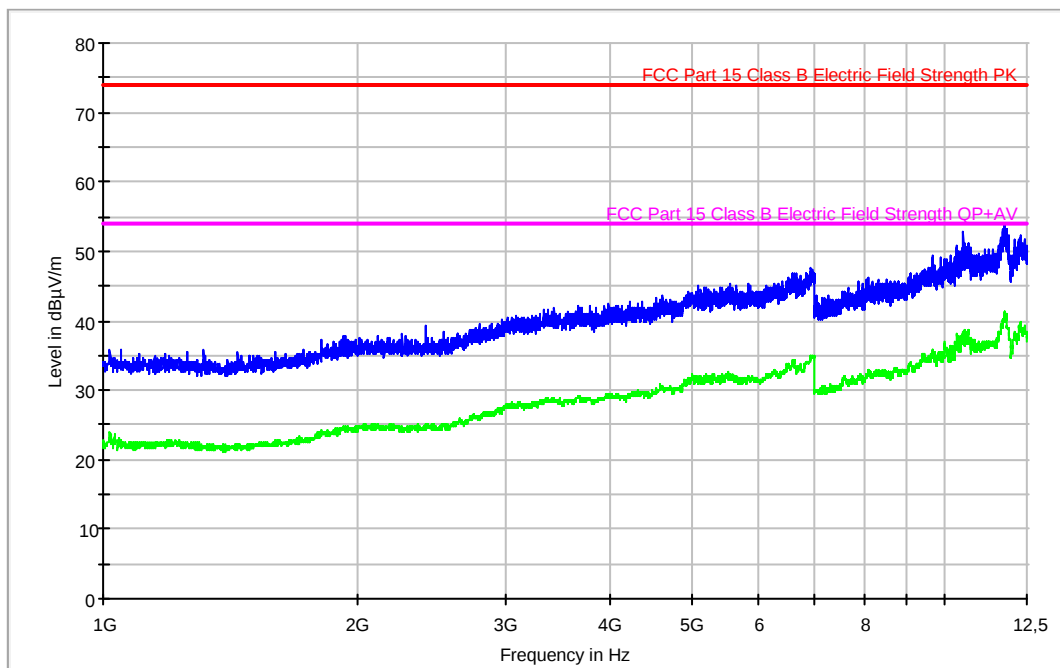
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0101\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#01  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

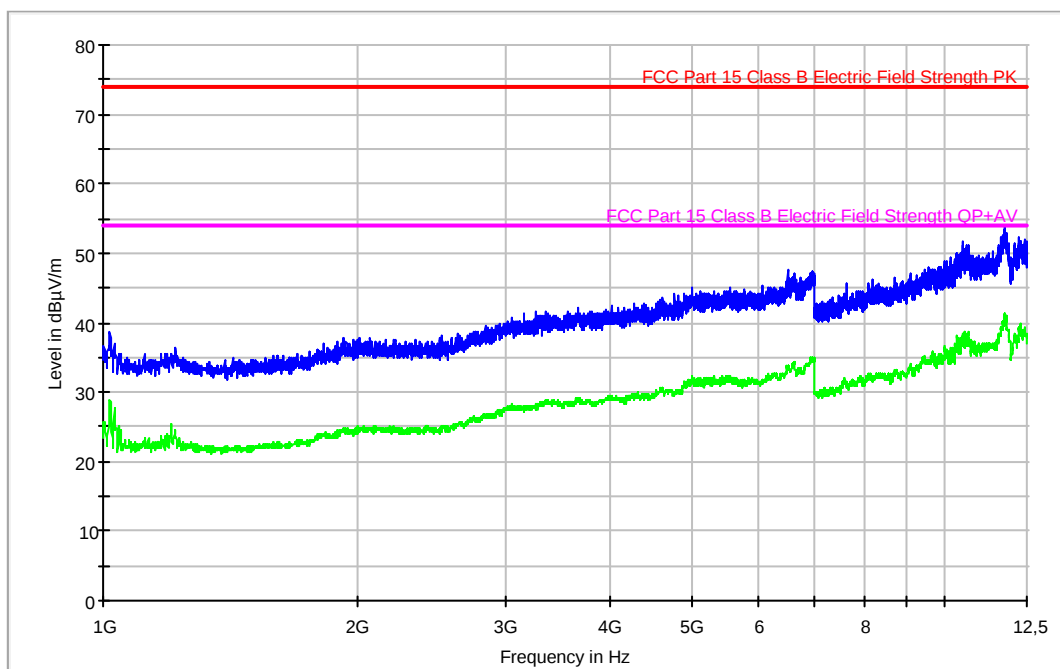
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0101\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#01  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

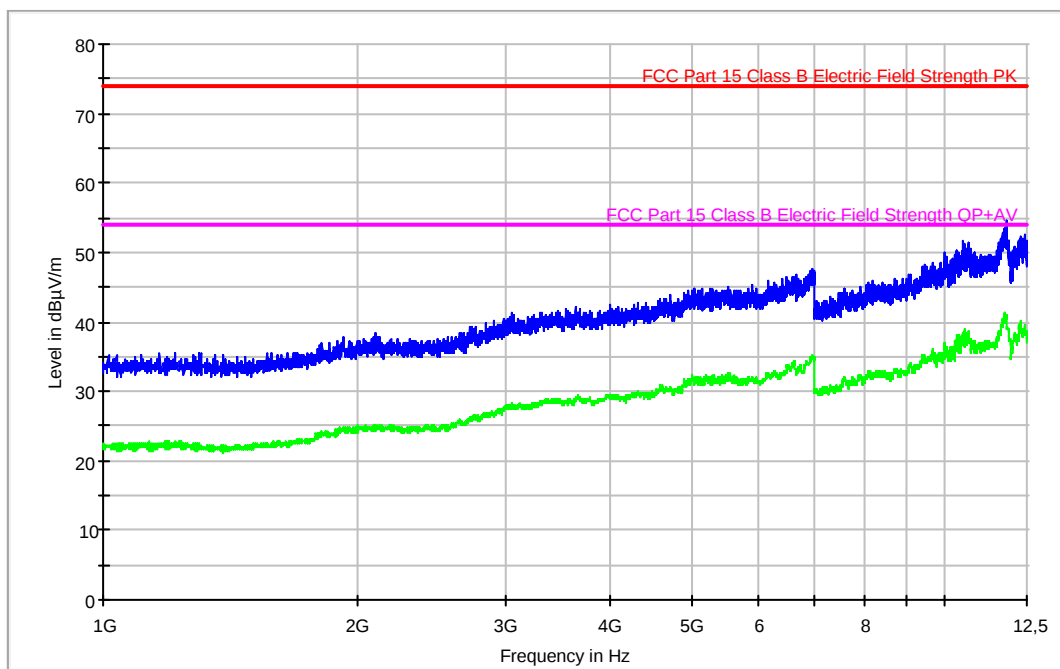
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0302\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#02  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

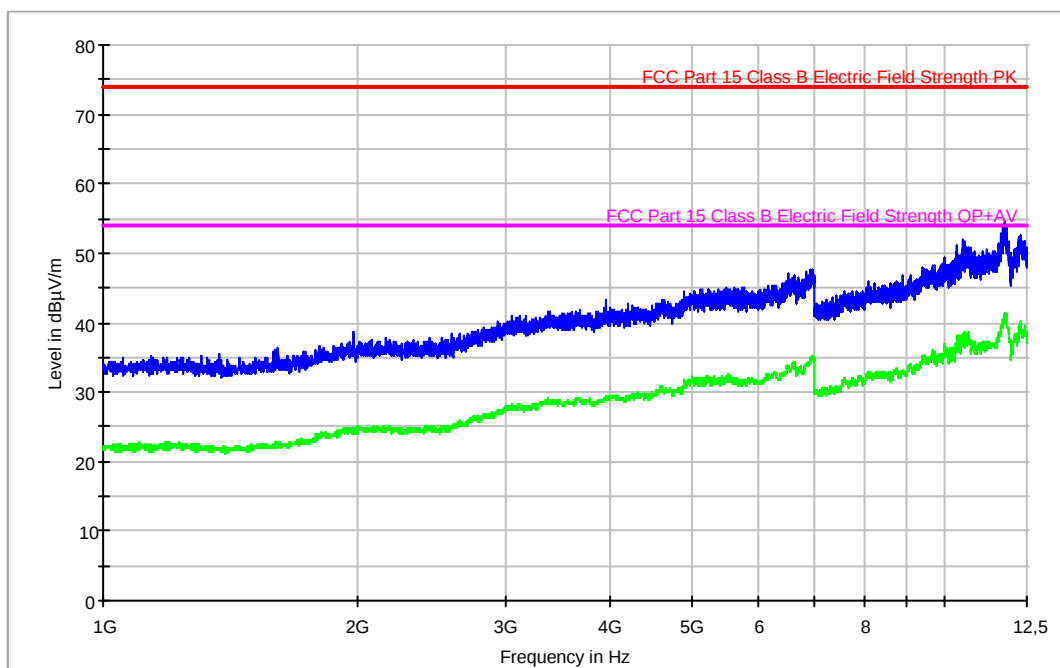
## FCC 1-12.5GHz class B AMP1421



**Radiated Emission: CR0302\_PV (1GHz to 12.5GHz Vertical polarization)**

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#02  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

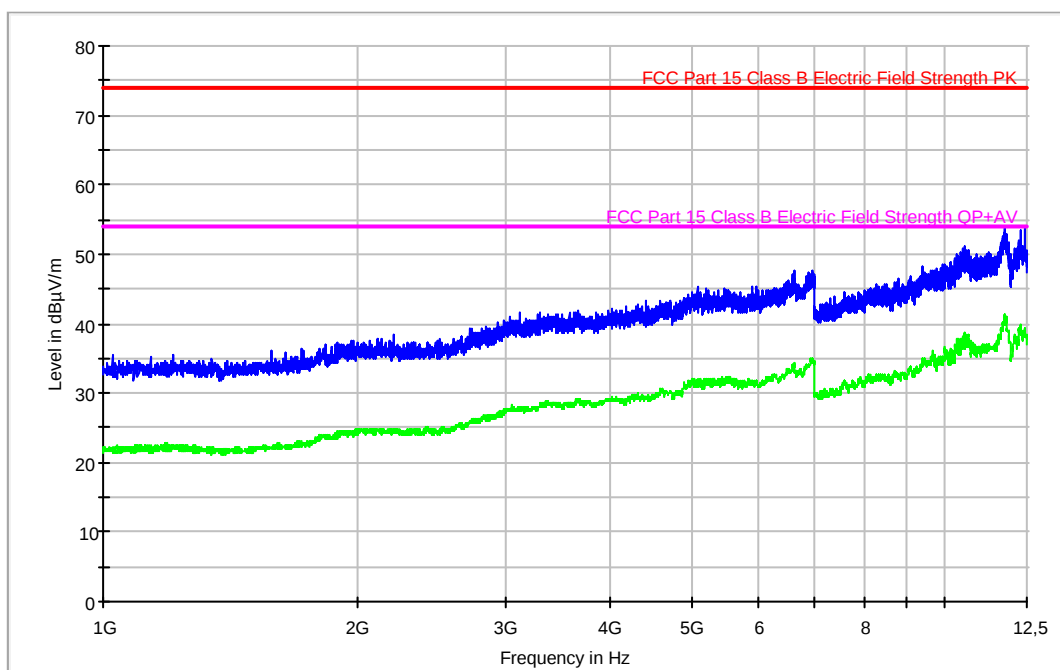
**FCC 1-12.5GHz class B AMP1421**



# Radiated Emission: CR0203\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#03  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

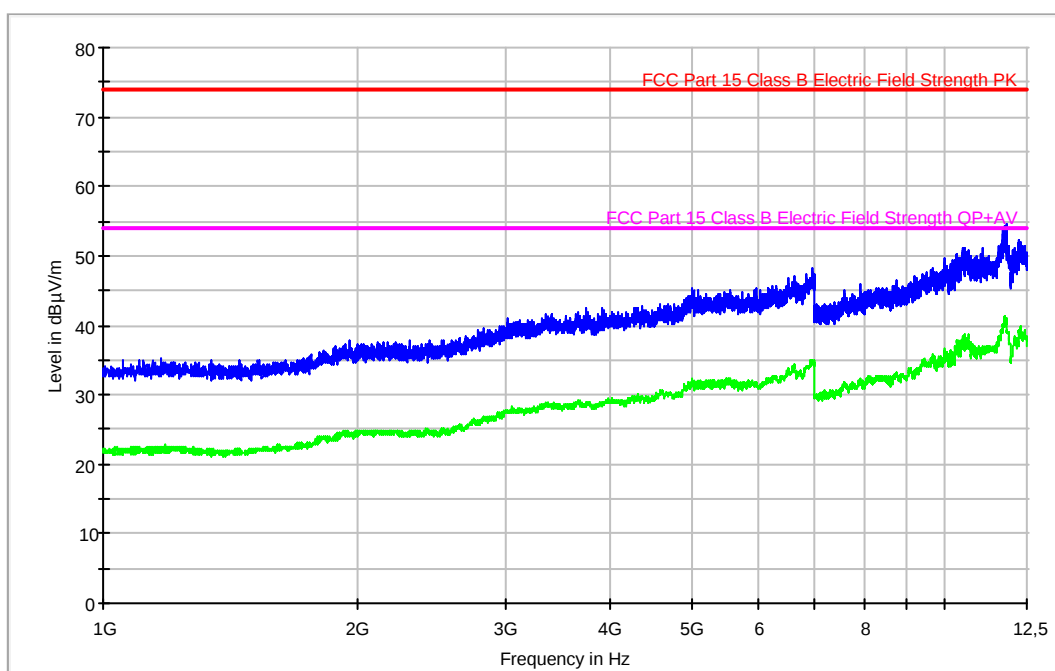
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0203\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#03  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

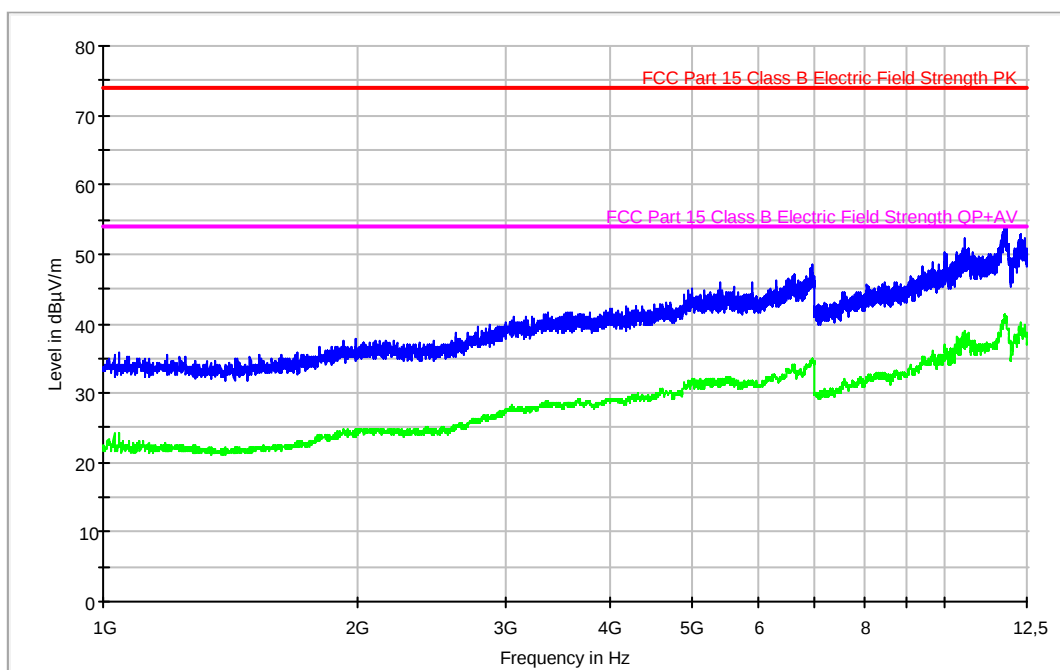
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0104\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#04  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

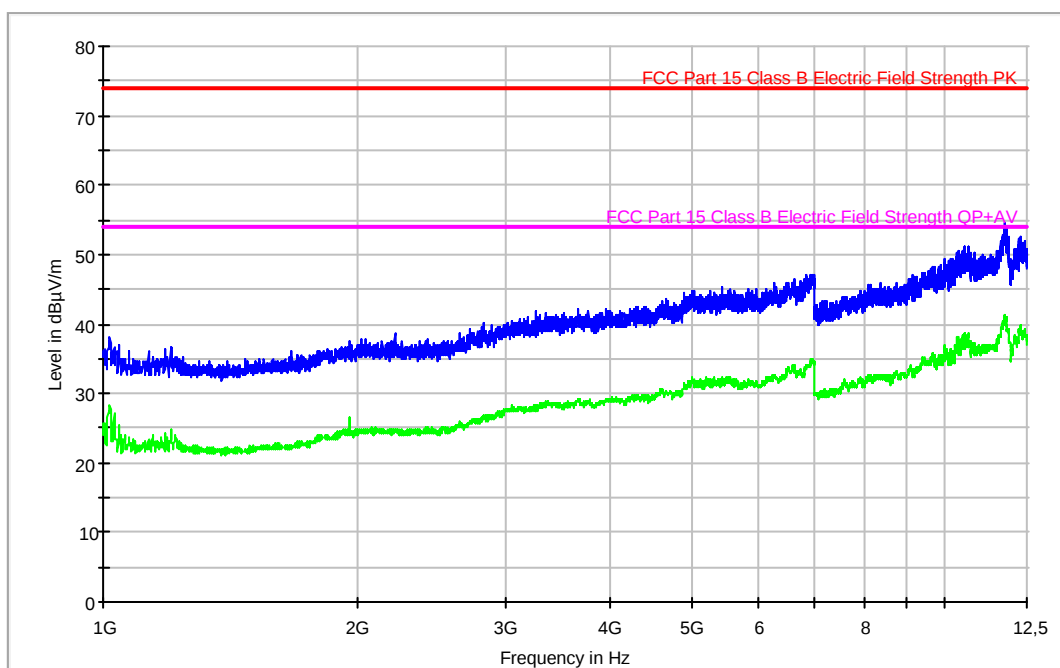
## FCC 1-12.5GHz class B AMP1421



## Radiated Emission: CR0104\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#04  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

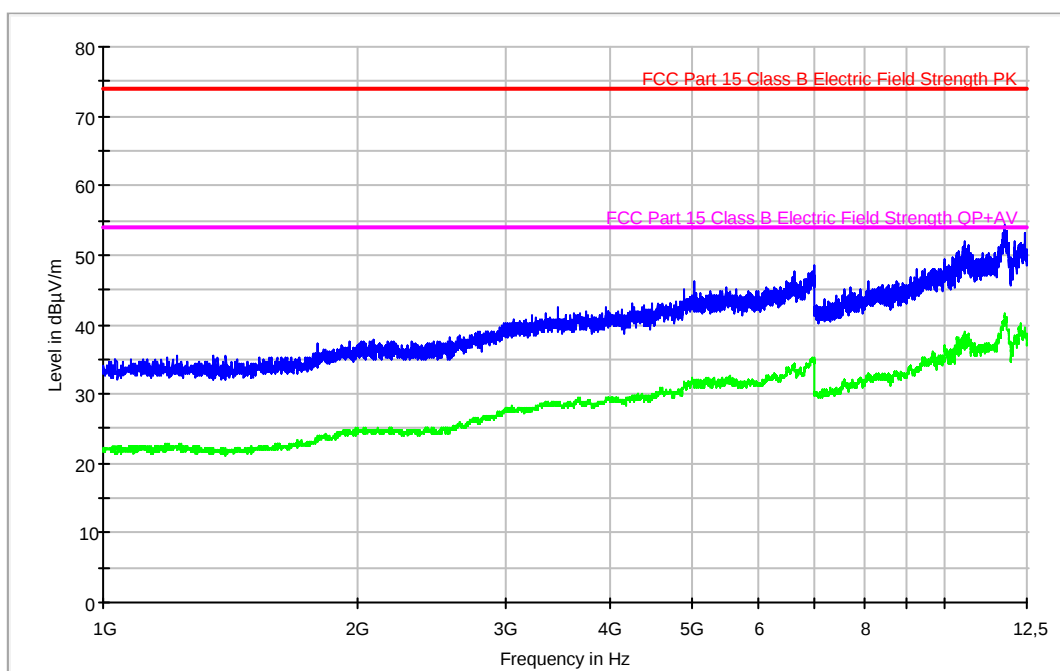
### FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0305\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#05  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode.

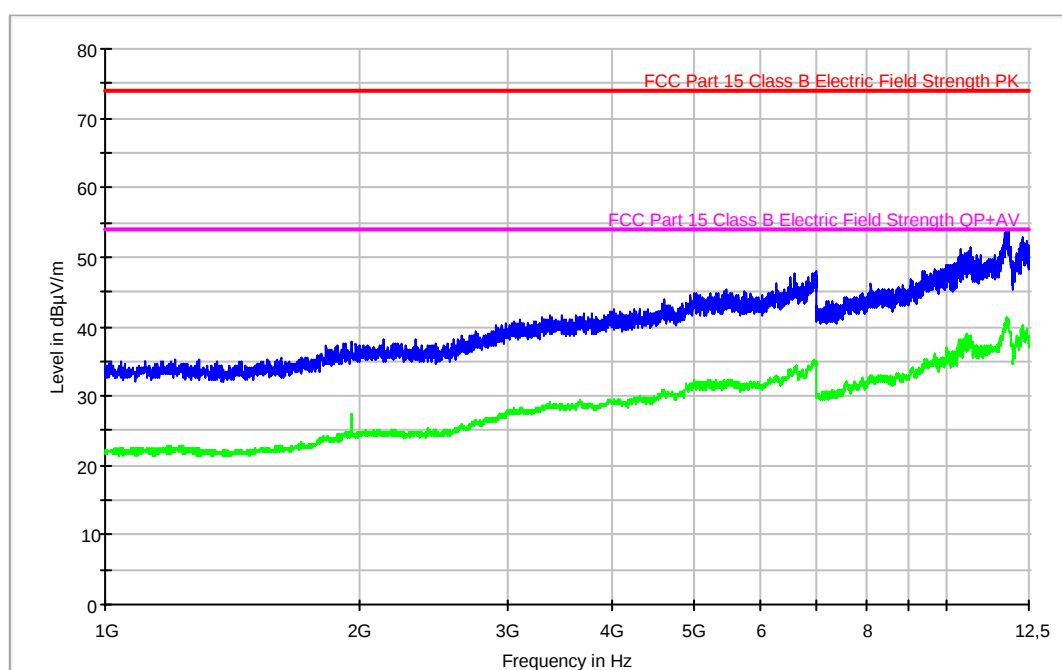
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0305\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#05  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode.

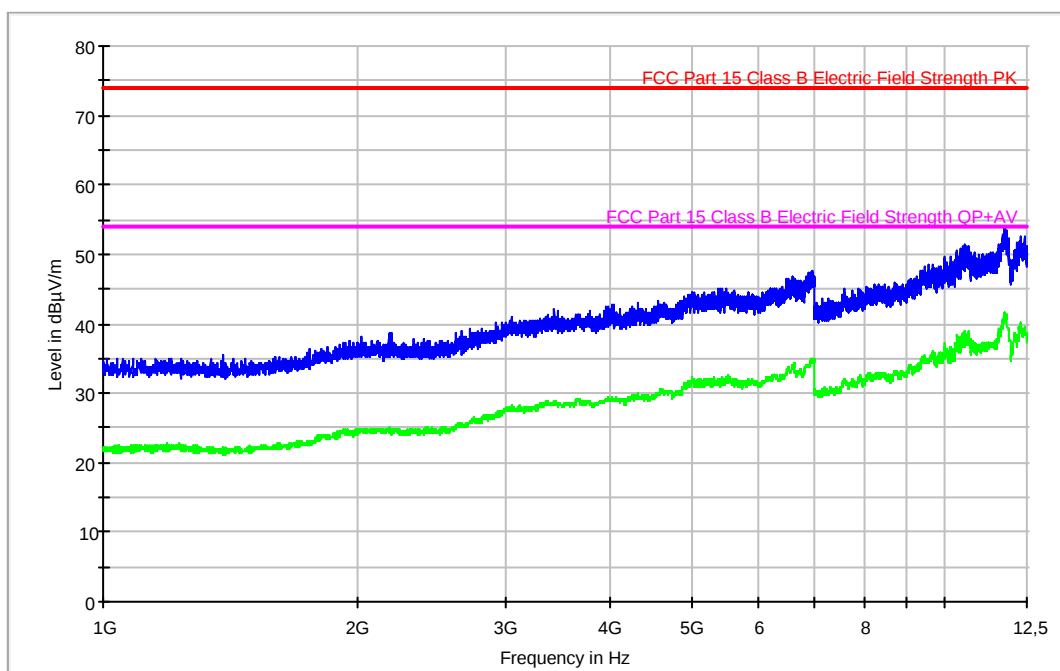
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0206\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#06  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

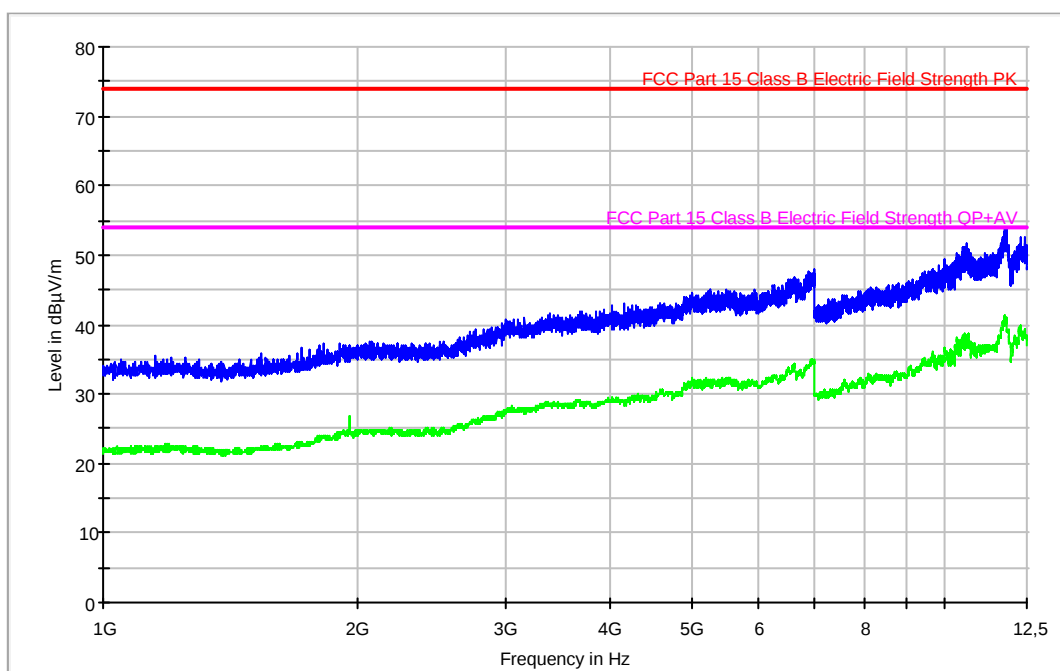
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0206\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#06  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

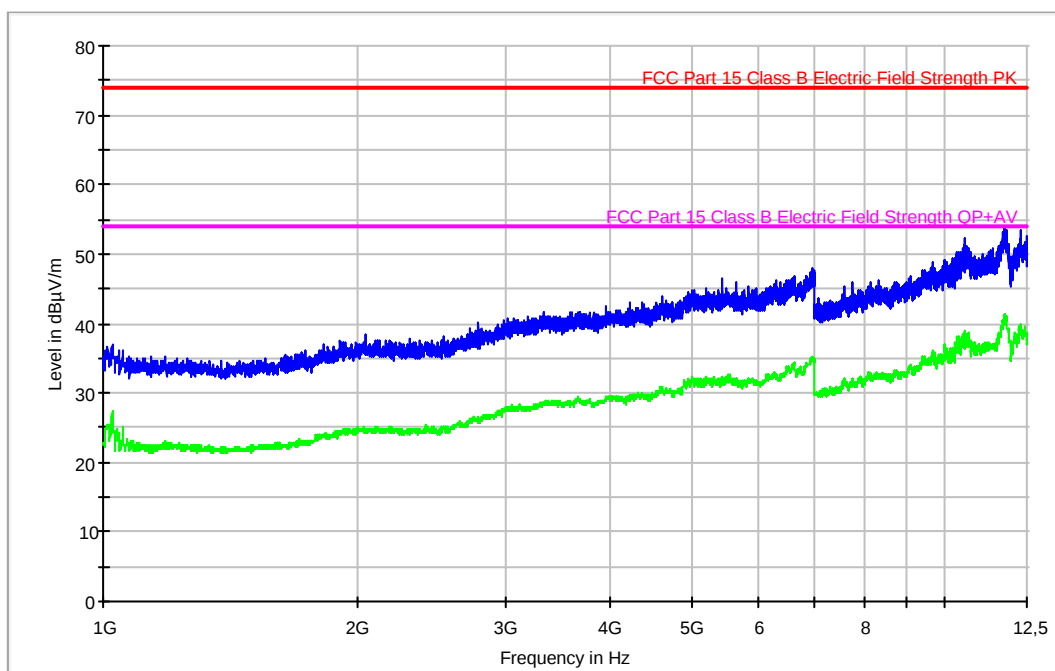
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0107\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#07  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

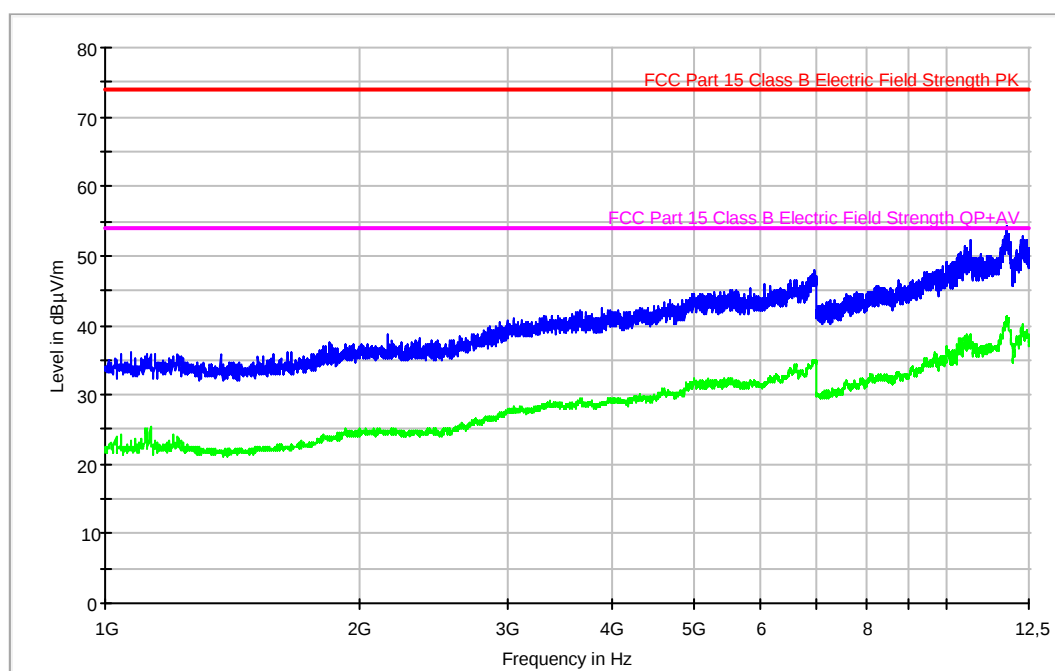
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0107\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#07  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

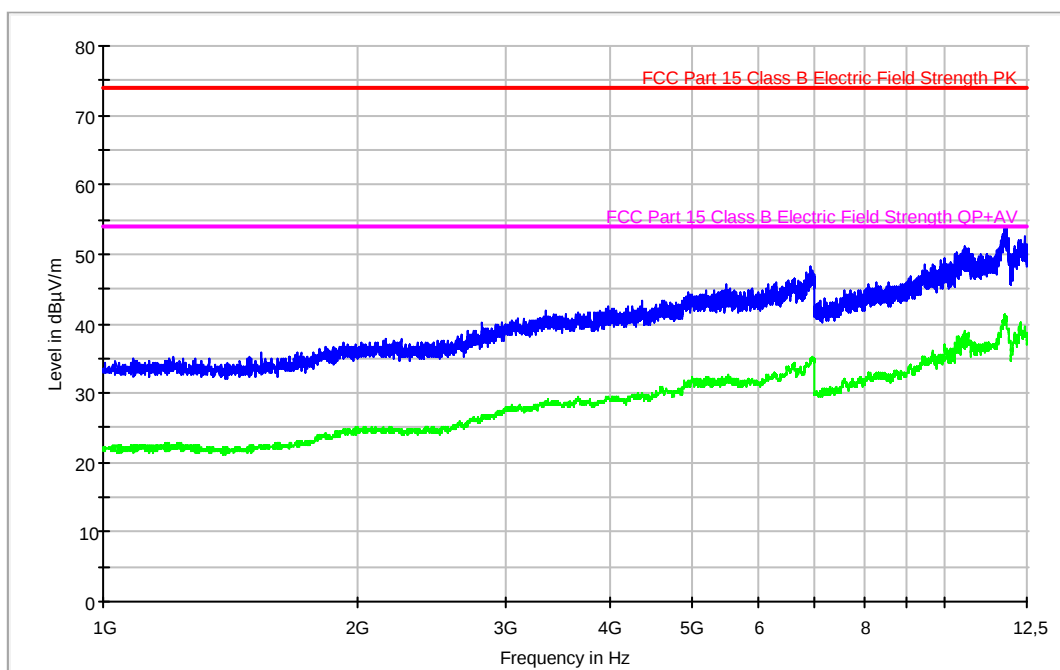
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0308\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#08  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

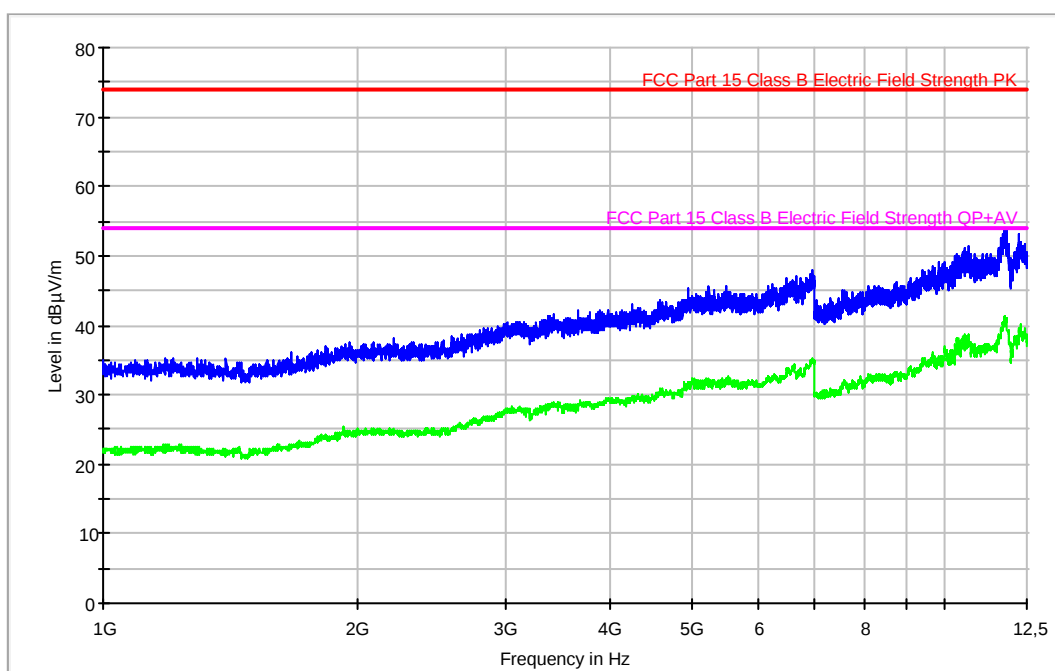
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0308\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#08  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

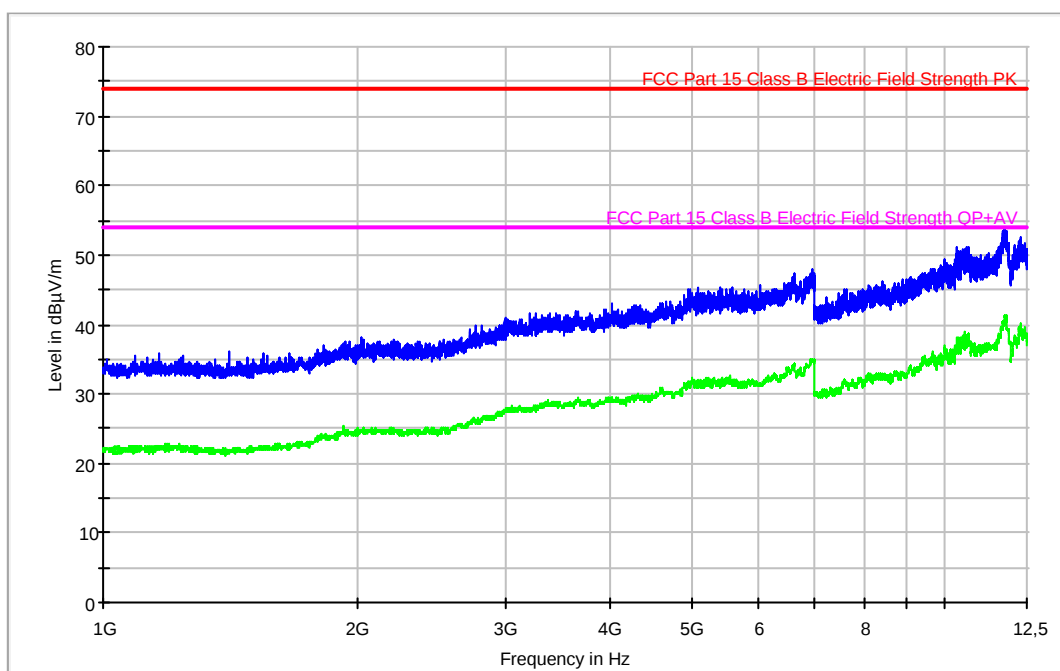
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0209\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#09  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in battery mode. Headset connected.

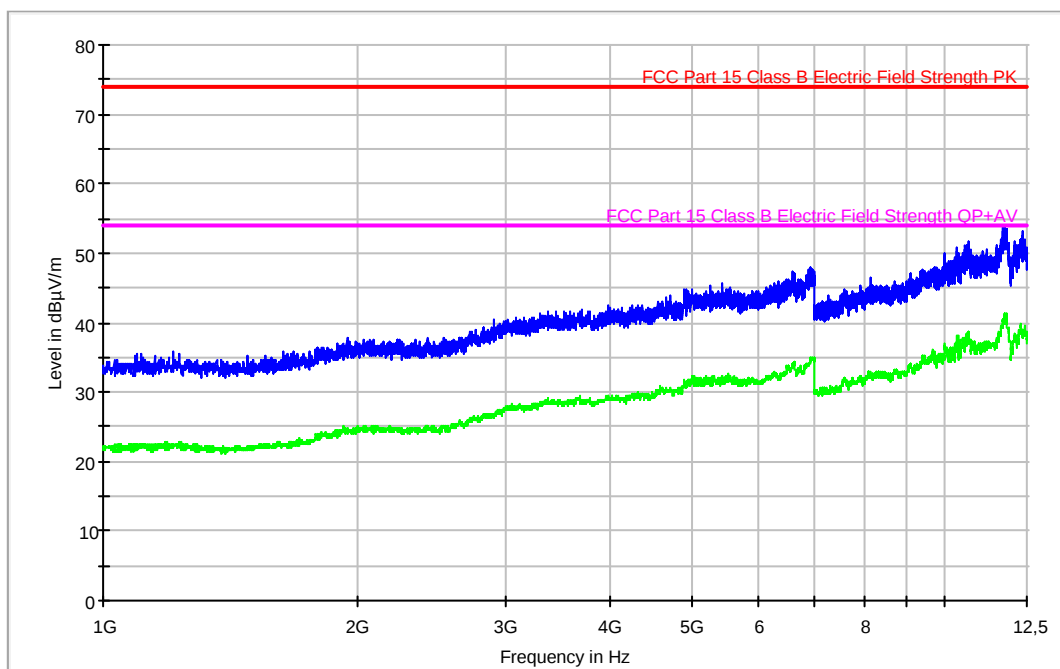
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0209\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#09  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in battery mode. Headset connected.

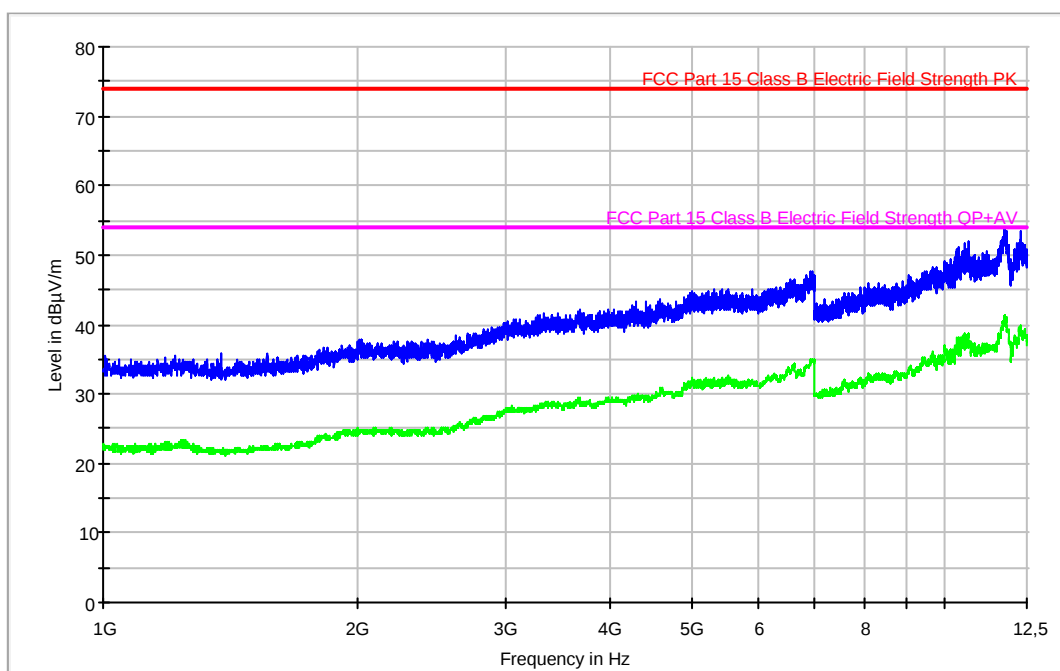
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0110\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#10  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

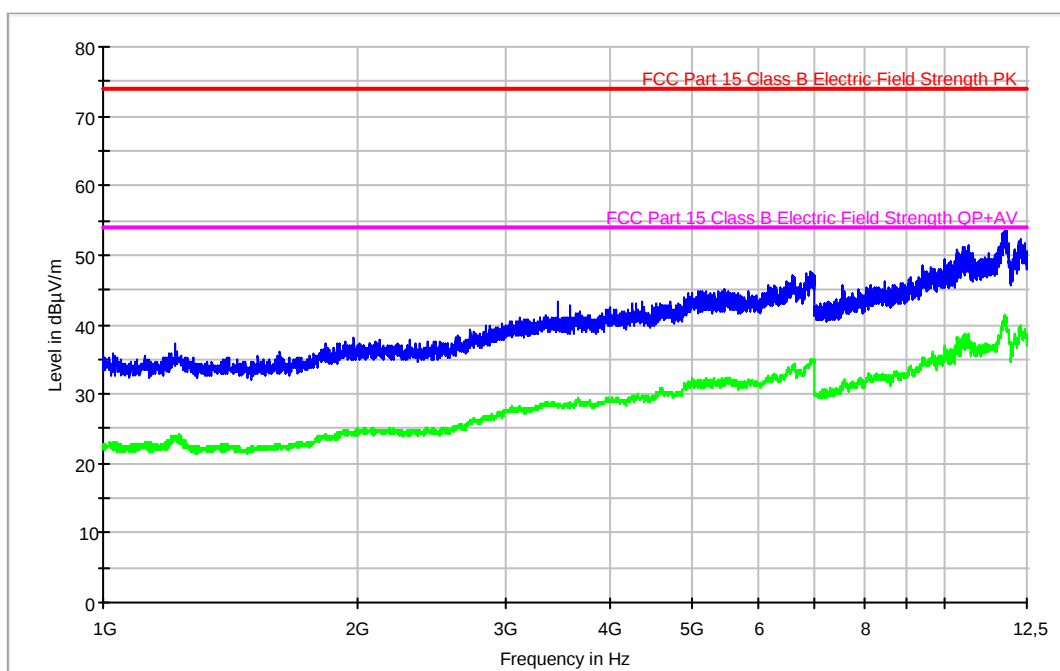
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0110\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#10  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

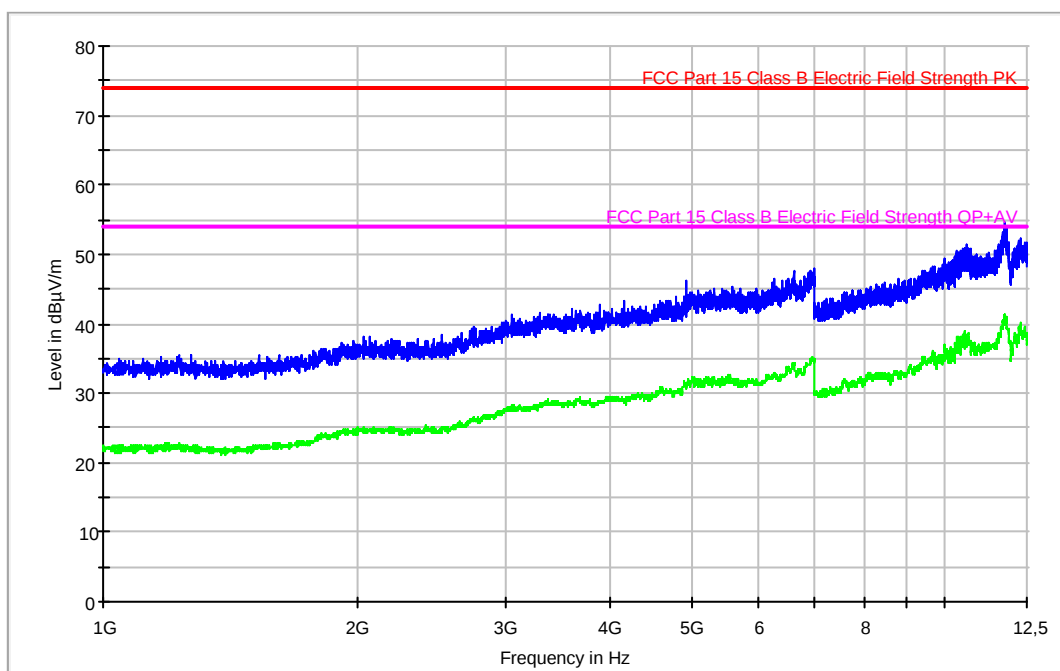
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0311\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#11  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

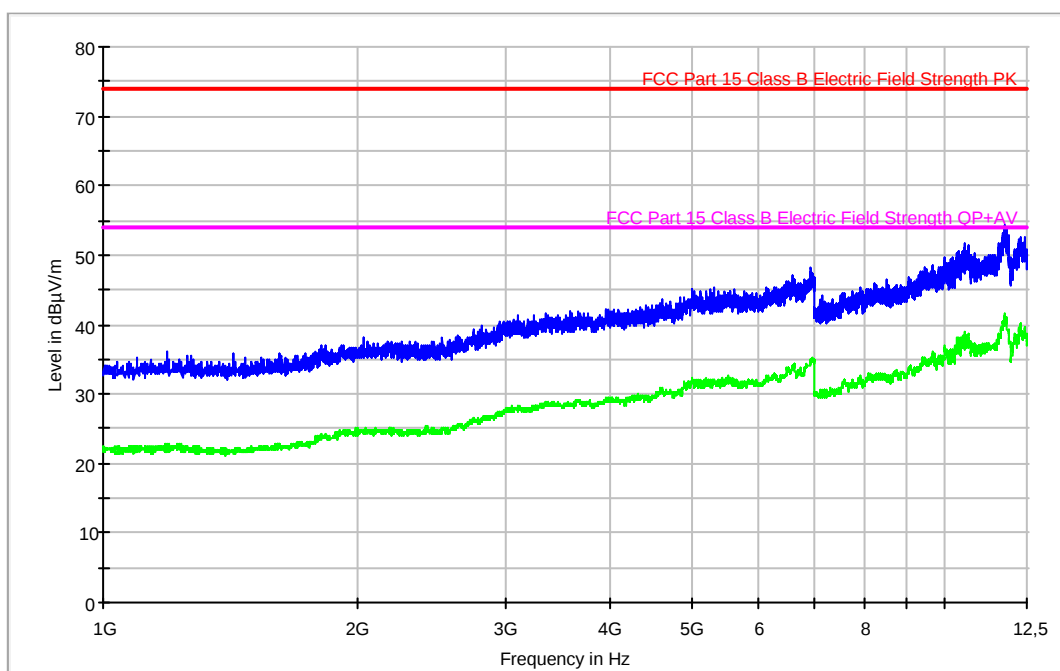
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0311\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#11  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

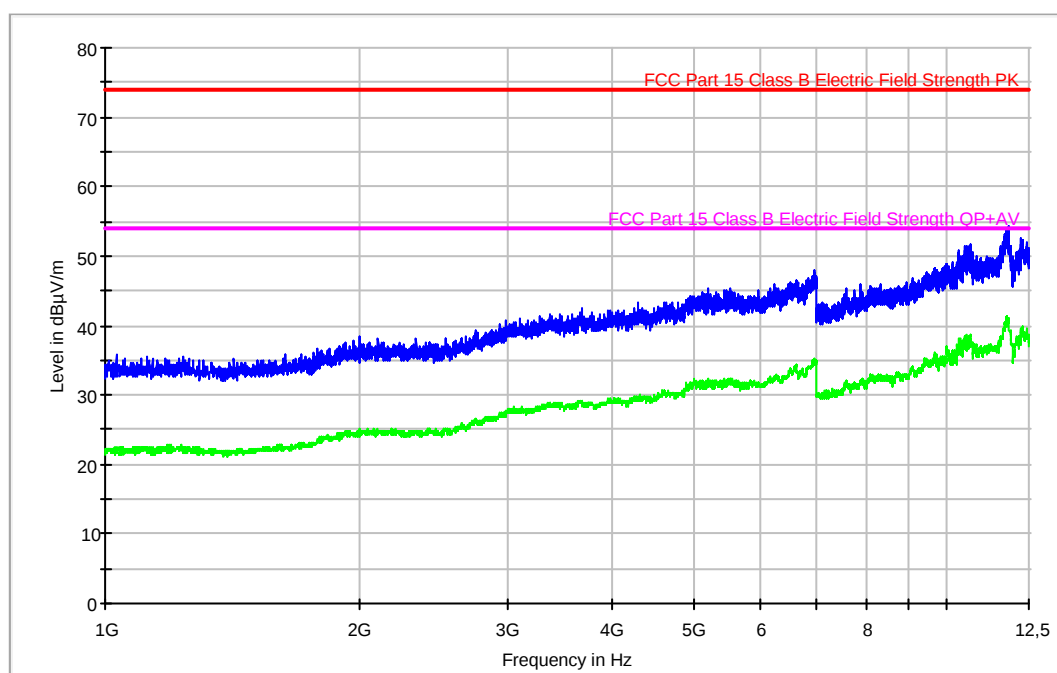
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0212\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#12  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

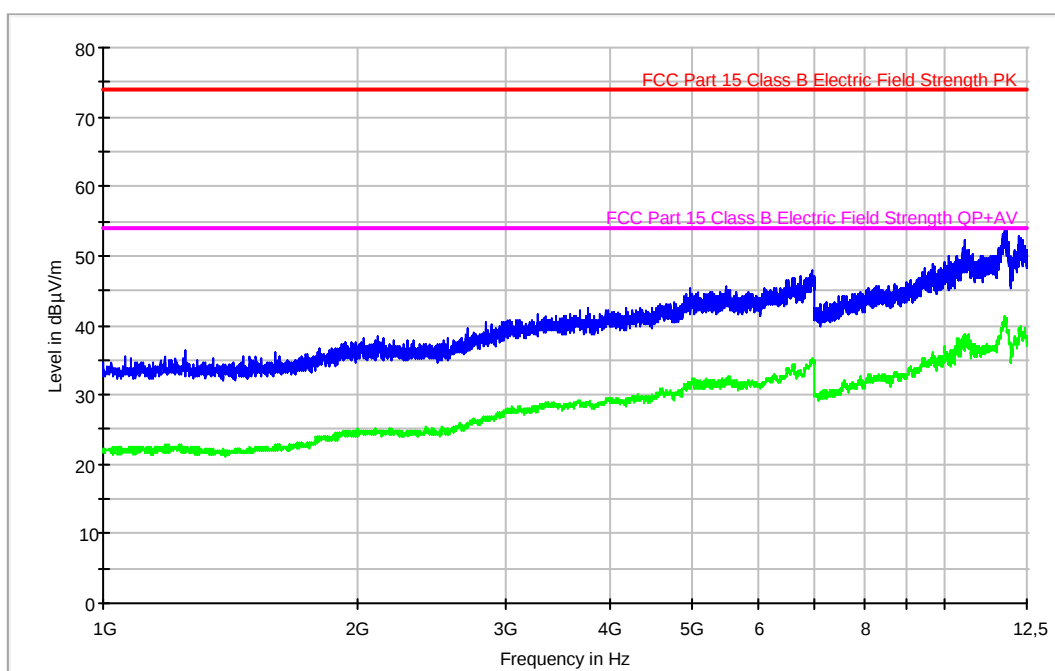
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0212\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/02  
 Operation mode: OM#12  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in battery mode. Headset connected.

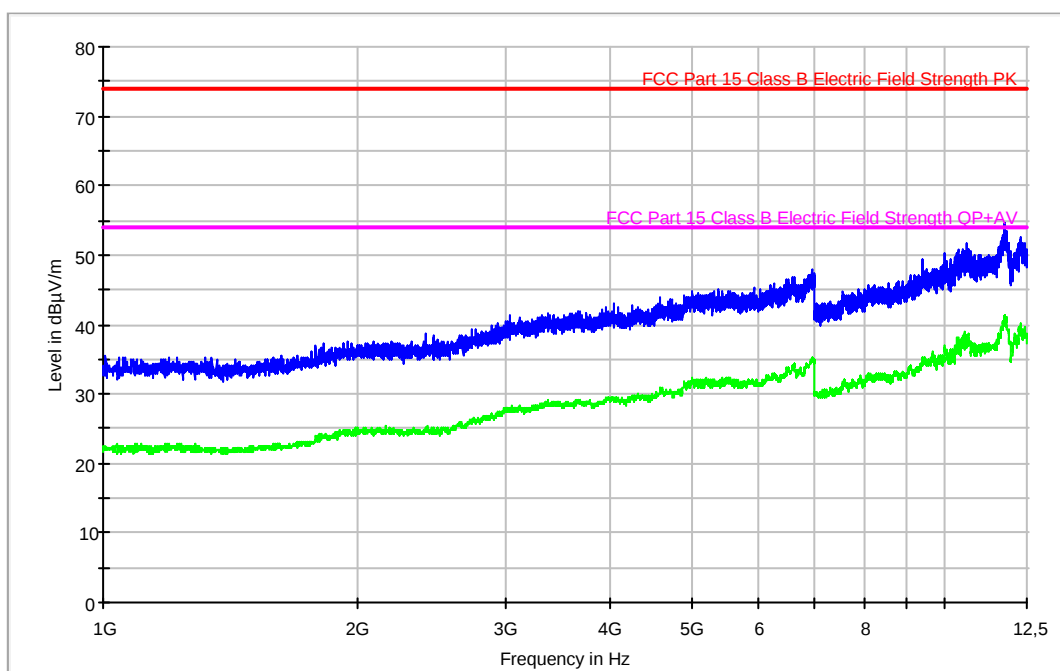
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0314\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#14  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in USB mode.

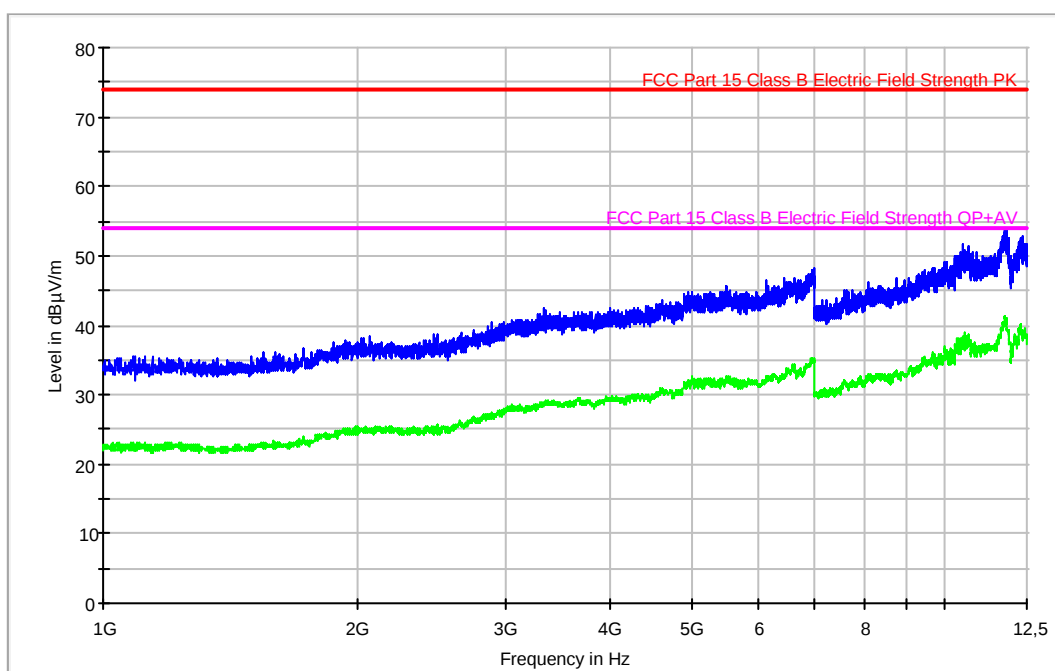
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0314\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#14  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in USB mode.

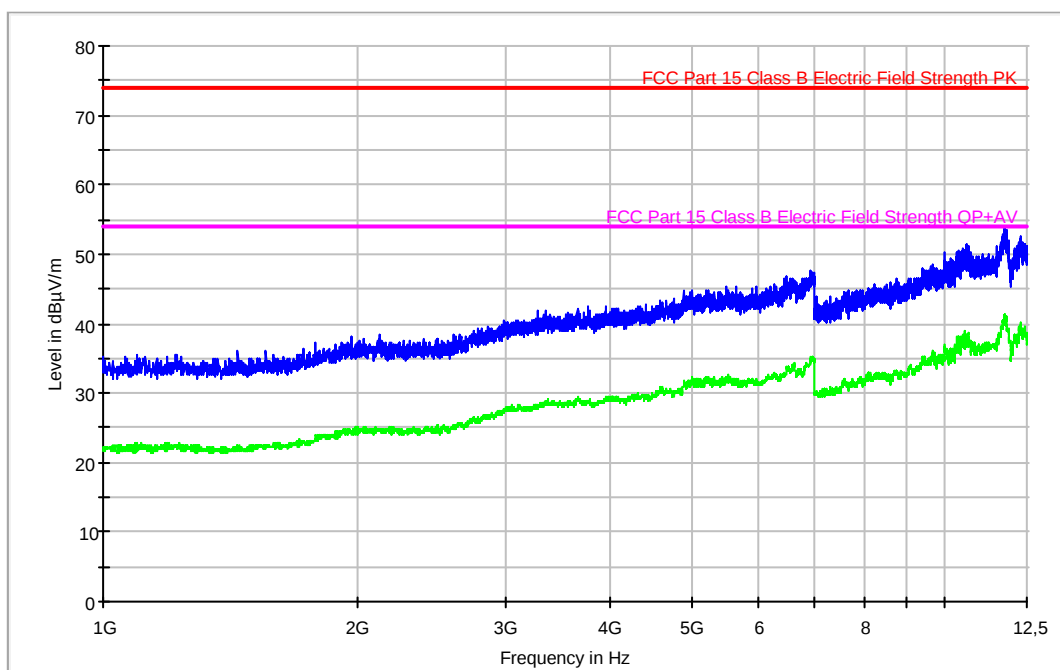
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0617\_PH (1GHz to 12.5GHz Horizontal polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/06  
 Operation mode: OM#17  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in USB mode. Headset connected.

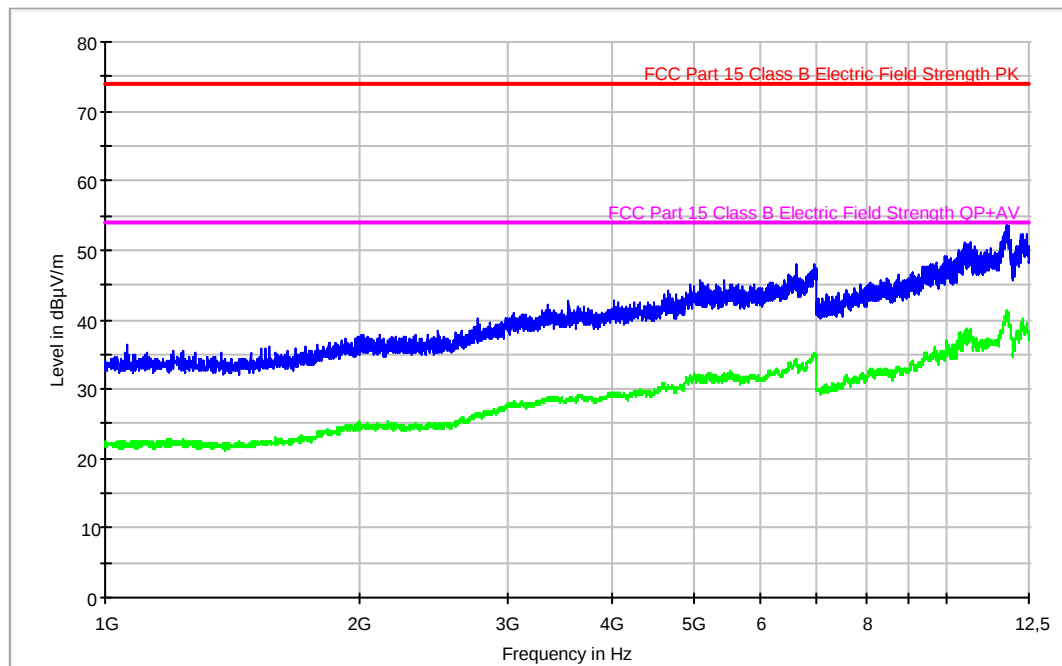
## FCC 1-12.5GHz class B AMP1421



# Radiated Emission: CR0617\_PV (1GHz to 12.5GHz Vertical polarization)

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/06  
 Operation mode: OM#17  
 Setup: EMI radiated  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in USB mode. Headset connected.

## FCC 1-12.5GHz class B AMP1421



## CONTINUOUS CONDUCTED EMISSION ON POWER LEADS

|                |                    |                                                                       |
|----------------|--------------------|-----------------------------------------------------------------------|
| <b>LIMITS:</b> | Product standard : | FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B & ANSI C63.4:2003 |
|                | Test standard :    | FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B & ANSI C63.4:2003 |

### 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 & ANSI C63.4:2003 in the frequency range 0,15 to 30 MHz, for Class B equipment was:

| Frequency range<br>(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      |

|                                |                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------|
| <b>TESTED SAMPLES:</b>         | S/01 & S/03                                                                        |
| <b>TESTED OPERATION MODES:</b> | OM#01 to OM#08                                                                     |
| <b>TEST RESULTS :</b>          | CCmmnnhh: CC, Conducted Condition; mm: Sample number; nn: Operation mode; hh: wire |

| CCmmnnhh | Description         | Result |
|----------|---------------------|--------|
| CC01010N | Neutral wire noise. | P      |
| CC0101L1 | Phase wire noise.   | P      |
| CC01190N | Neutral wire noise. | P      |
| CC0119L1 | Phase wire noise.   | P      |
| CC01040N | Neutral wire noise. | P      |
| CC0104L1 | Phase wire noise.   | P      |
| CC01220N | Neutral wire noise. | P      |
| CC0122L1 | Phase wire noise.   | P      |
| CC01070N | Neutral wire noise. | P      |
| CC0107L1 | Phase wire noise.   | P      |
| CC01250N | Neutral wire noise. | P      |
| CC0125L1 | Phase wire noise.   | P      |

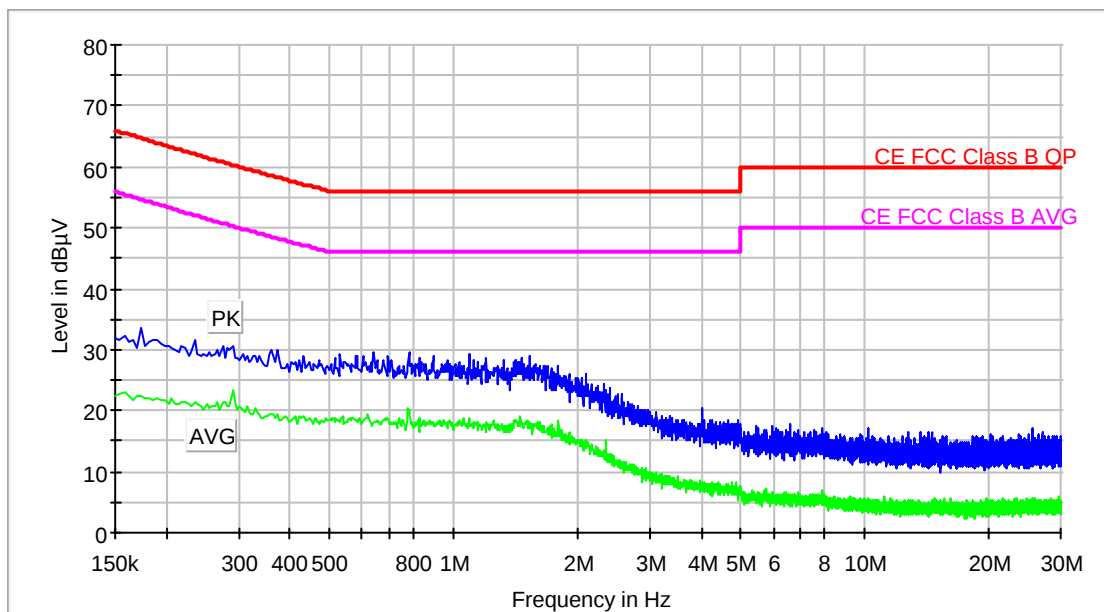
| CCmmnnhh | Description         | Result |
|----------|---------------------|--------|
| CC01100N | Neutral wire noise. | P      |
| CC0110L1 | Phase wire noise.   | P      |
| CC01280N | Neutral wire noise. | P      |
| CC0128L1 | Phase wire noise.   | P      |
| CC03020N | Neutral wire noise. | P      |
| CC0302L1 | Phase wire noise.   | P      |
| CC03200N | Neutral wire noise. | P      |
| CC0320L1 | Phase wire noise.   | P      |
| CC03050N | Neutral wire noise. | P      |
| CC0305L1 | Phase wire noise.   | P      |
| CC03230N | Neutral wire noise. | P      |
| CC0323L1 | Phase wire noise.   | P      |
| CC03080N | Neutral wire noise. | P      |
| CC0308L1 | Phase wire noise.   | P      |
| CC03260N | Neutral wire noise. | P      |
| CC0326L1 | Phase wire noise.   | P      |
| CC03110N | Neutral wire noise. | P      |
| CC0311L1 | Phase wire noise.   | P      |
| CC03290N | Neutral wire noise. | P      |
| CC0329L1 | Phase wire noise.   | P      |
| CC06170N | Neutral wire noise. | P      |
| CC0617L1 | Phase wire noise.   | P      |
| CC06350N | Neutral wire noise. | P      |
| CC0635L1 | Phase wire noise.   | P      |
| CC04160N | Neutral wire noise. | P      |
| CC0416L1 | Phase wire noise.   | P      |
| CC04340N | Neutral wire noise. | P      |
| CC0434L1 | Phase wire noise.   | P      |
| CC03140N | Neutral wire noise. | P      |
| CC0314L1 | Phase wire noise.   | P      |
| CC03320N | Neutral wire noise. | P      |
| CC0332L1 | Phase wire noise.   | P      |
| CC01130N | Neutral wire noise. | P      |
| CC0113L1 | Phase wire noise.   | P      |
| CC01310N | Neutral wire noise. | P      |
| CC0131L1 | Phase wire noise.   | P      |

Continuous Conducted emission : CC01010N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#01  
 Date: 2010-11-02 08:36  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

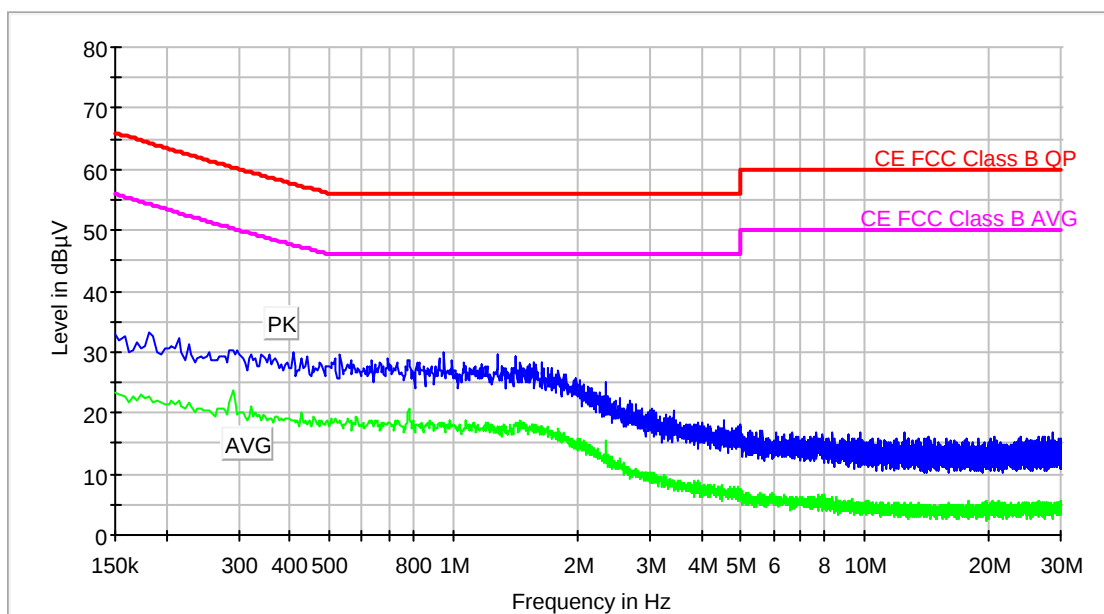
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 0.174000        | 33.4                      | 22.4                      |

Continuous Conducted emission : CC0101L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#01  
 Date: 2010-11-02 08:43  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

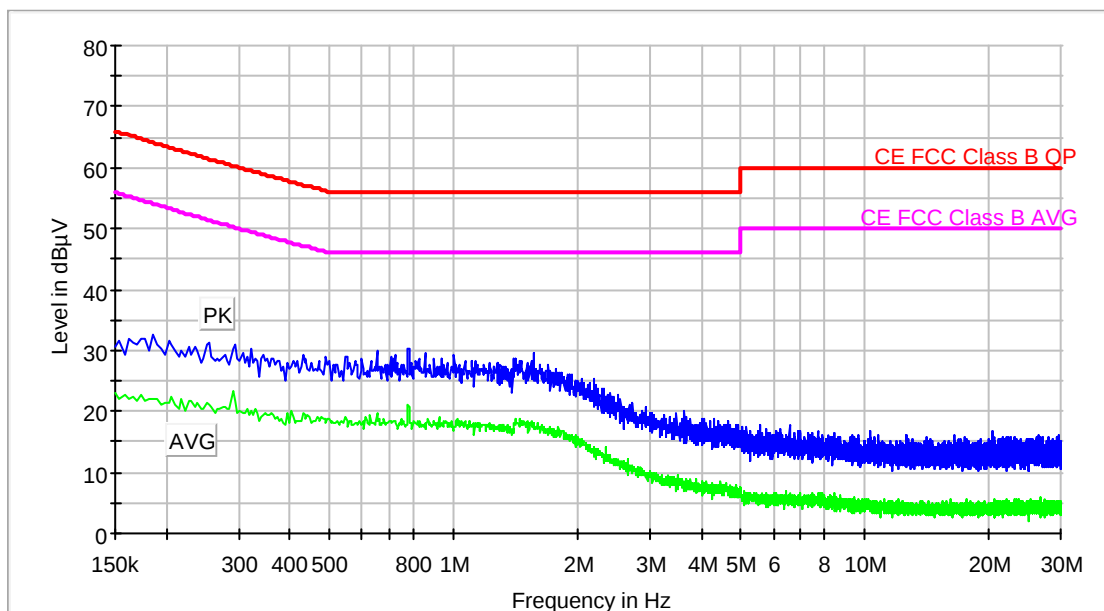
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.182000        | 33.1                      | 22.6                      |

Continuous Conducted emission : CC01190N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#19  
 Date: 2010-11-02 09:40  
 Setup: EMI conducted  
 Mode: EUT ON. TCH 850MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

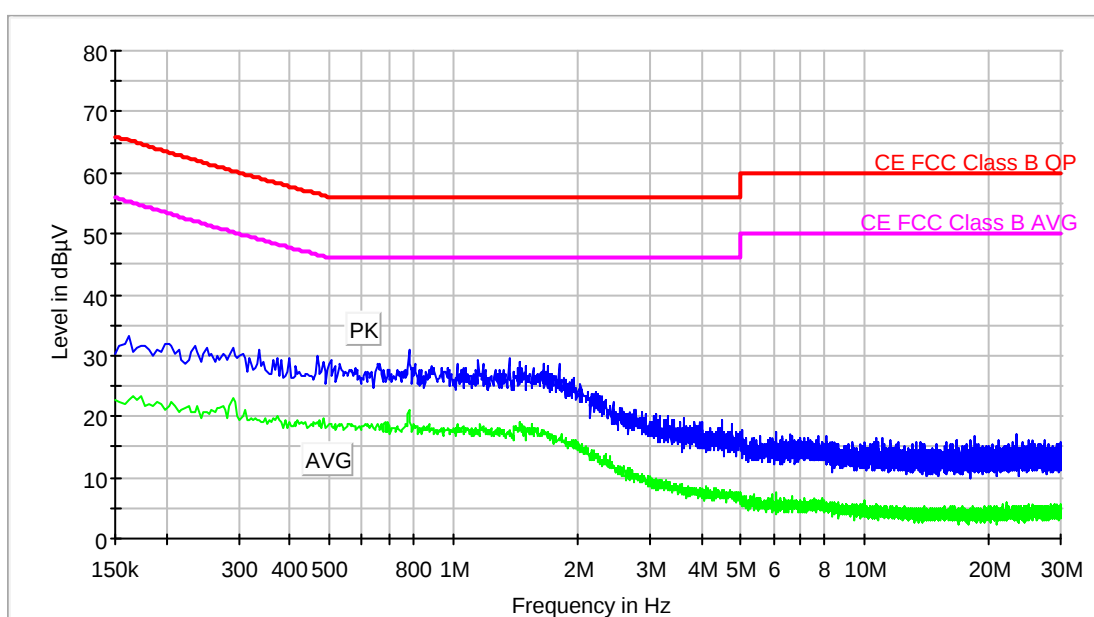
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.186000        | 32.7                      | 22.2                      |

Continuous Conducted emission : CC0119L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#19  
 Date: 2010-11-02 09:40  
 Setup: EMI conducted  
 Mode: EUT ON. TCH 850MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

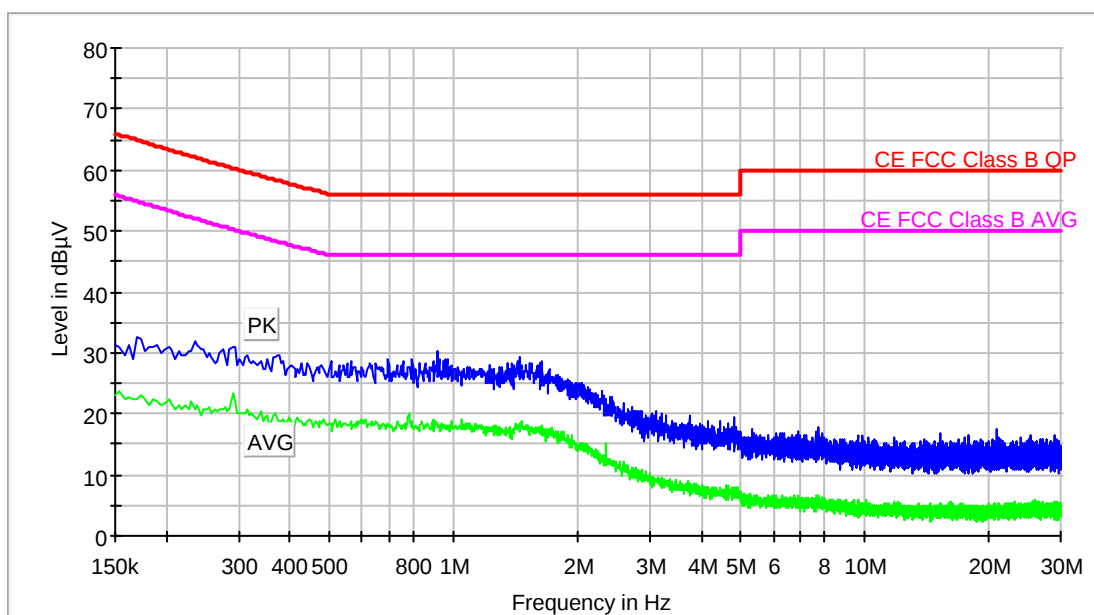
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.162000        | 33.2                      | 22.6                      |

Continuous Conducted emission : CC01040N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#04  
 Date: 2010-11-02 09:39  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

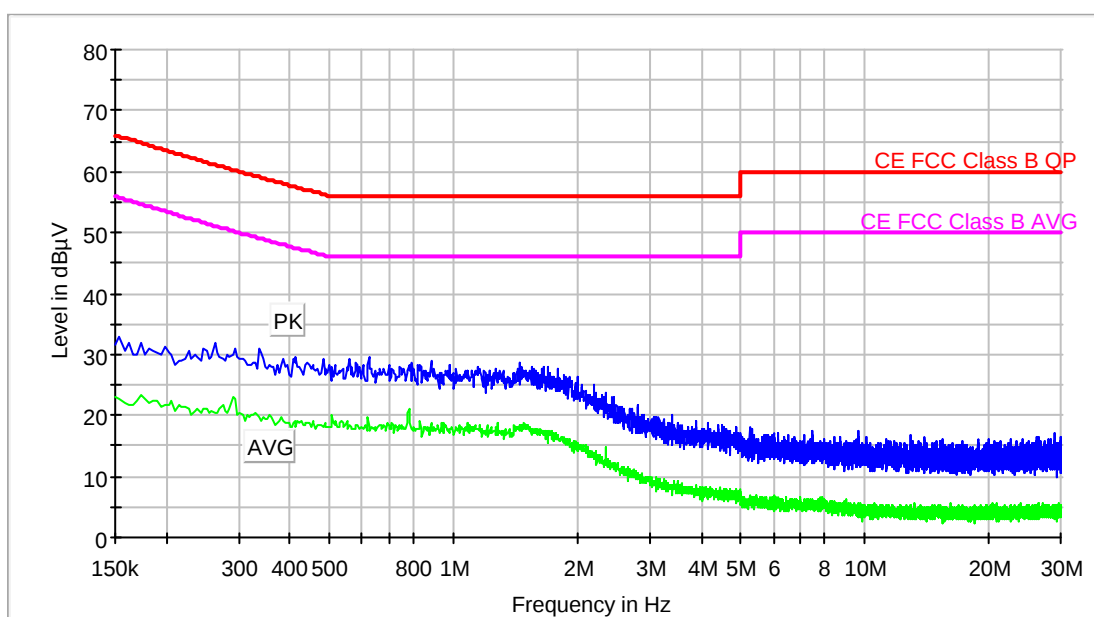
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.170000        | 32.6                      | 22.5                      |
| 0.174000        | 32.2                      | 23.0                      |
| 0.234000        | 31.9                      | 20.8                      |
| 0.150000        | 31.3                      | 22.9                      |
| 0.238000        | 31.3                      | 21.3                      |
| 0.162000        | 31.2                      | 22.7                      |
| 0.190000        | 31.2                      | 22.0                      |
| 0.186000        | 31.0                      | 22.4                      |
| 0.290000        | 31.0                      | 23.4                      |
| 0.154000        | 30.9                      | 23.7                      |

Continuous Conducted emission : CC0104L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#04  
 Date: 2010-11-02 09:46  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

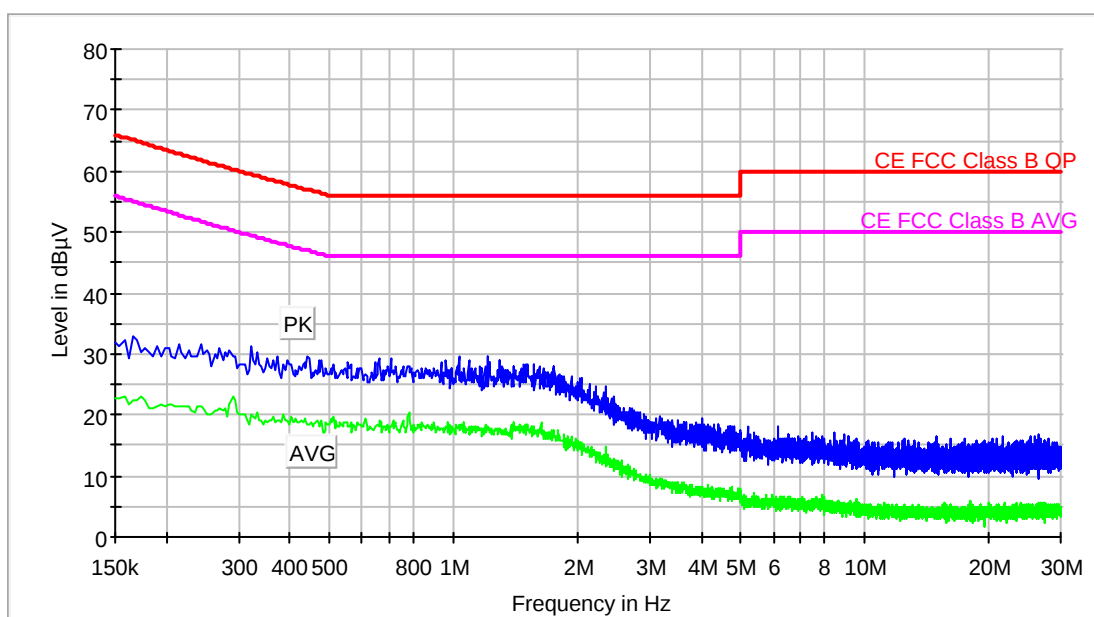
| Frequency (MHz) | MaxPeak-ClearWrite (dBuV) | Average-ClearWrite (dBuV) |
|-----------------|---------------------------|---------------------------|
| 0.154000        | 32.9                      | 22.8                      |

Continuous Conducted emission : CC01220N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#22  
 Date: 2010-11-02 09:56  
 Setup: EMI conducted  
 Mode: EUT ON. TCH 1900MHz. Bluetooth ON. WiFi. ON. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

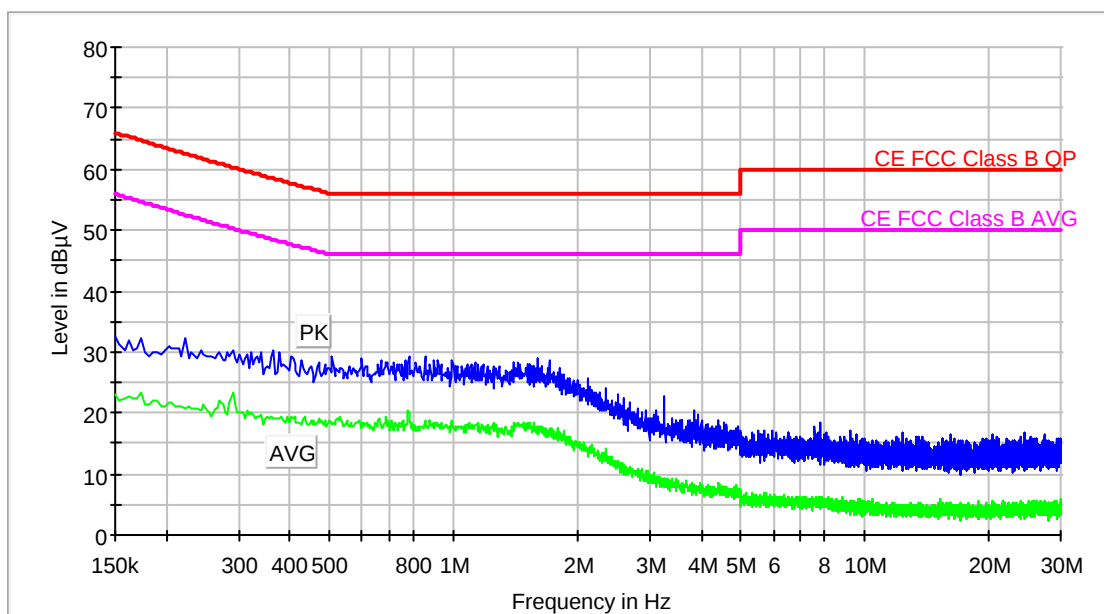
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.166000        | 32.9                      | 22.3                      |

Continuous Conducted emission : CC0122L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#22  
 Date: 2010-11-02 10:15  
 Setup: EMI conducted  
 Mode: EUT ON. TCH 1900MHz. Bluetooth ON. WiFi. ON. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

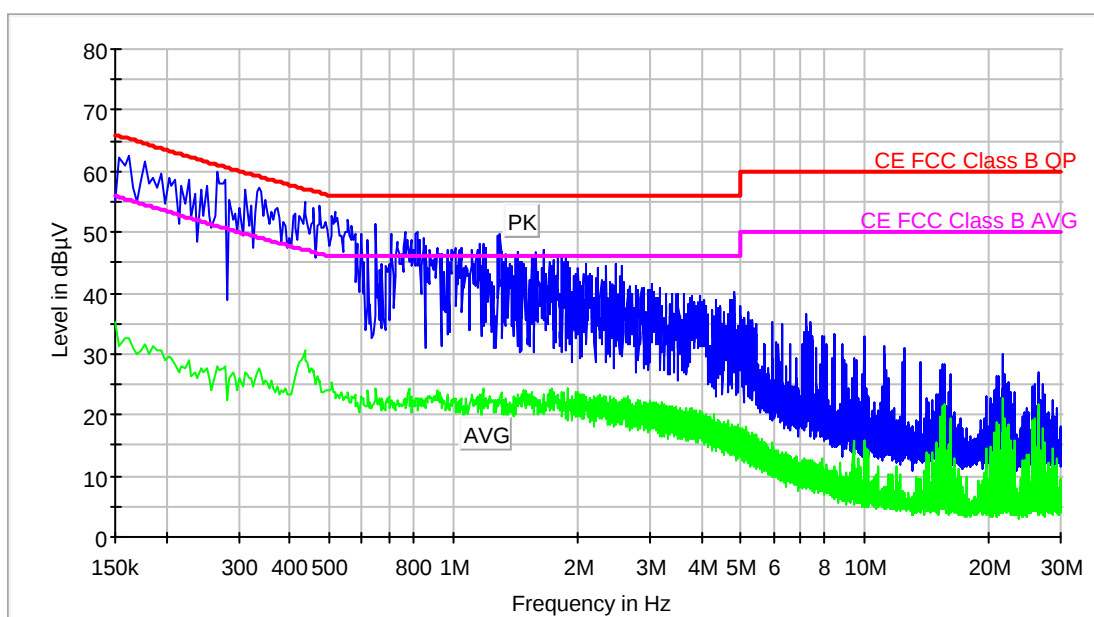
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 32.7                      | 23.0                      |

Continuous Conducted emission : CC01070N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#07  
 Date: 2010-11-02 10:32  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

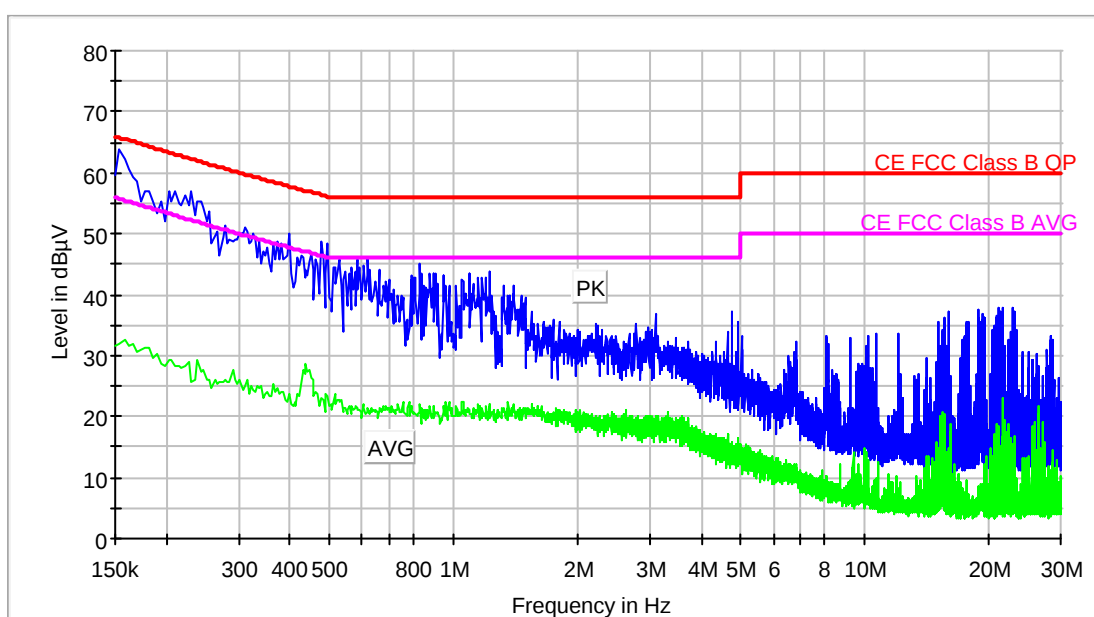
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.162000        | 62.6                      | 32.6                      |
| 0.266000        | 60.0                      | 27.9                      |
| 0.338000        | 57.3                      | 27.8                      |
| 0.310000        | 57.1                      | 27.0                      |
| 0.474000        | 54.2                      | 25.5                      |
| 0.646000        | 51.5                      | 24.4                      |
| 0.814000        | 50.1                      | 22.8                      |
| 1.298000        | 49.7                      | 22.8                      |
| 0.594000        | 49.7                      | 23.1                      |
| 0.706000        | 49.7                      | 22.2                      |

Continuous Conducted emission : CC0107L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#07  
 Date: 2010-11-02 10:35  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

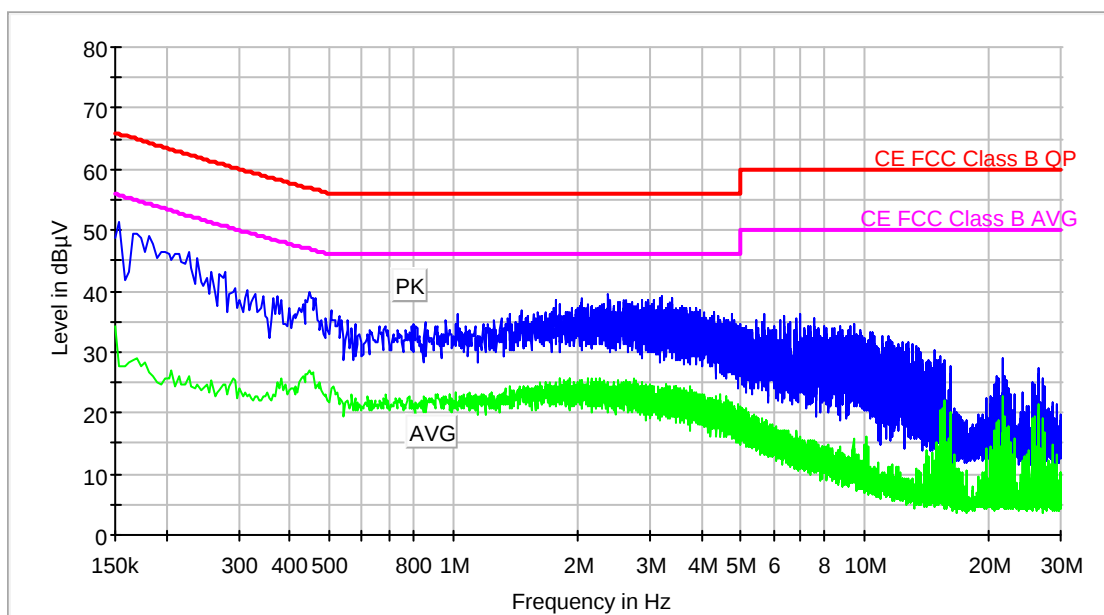
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.154000        | 63.7                      | 32.1                      |
| 0.478000        | 48.6                      | 23.1                      |
| 0.494000        | 48.5                      | 23.3                      |
| 0.618000        | 46.1                      | 21.4                      |
| 0.526000        | 45.6                      | 22.8                      |
| 0.830000        | 45.0                      | 21.9                      |
| 1.226000        | 43.8                      | 22.1                      |
| 0.838000        | 43.6                      | 21.6                      |
| 0.906000        | 43.5                      | 20.7                      |
| 1.094000        | 43.3                      | 21.1                      |

Continuous Conducted emission : CC01250N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#25  
 Date: 2010-11-02 10:29  
 Setup: EMI conducted  
 Mode: EUT ON. TCH UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

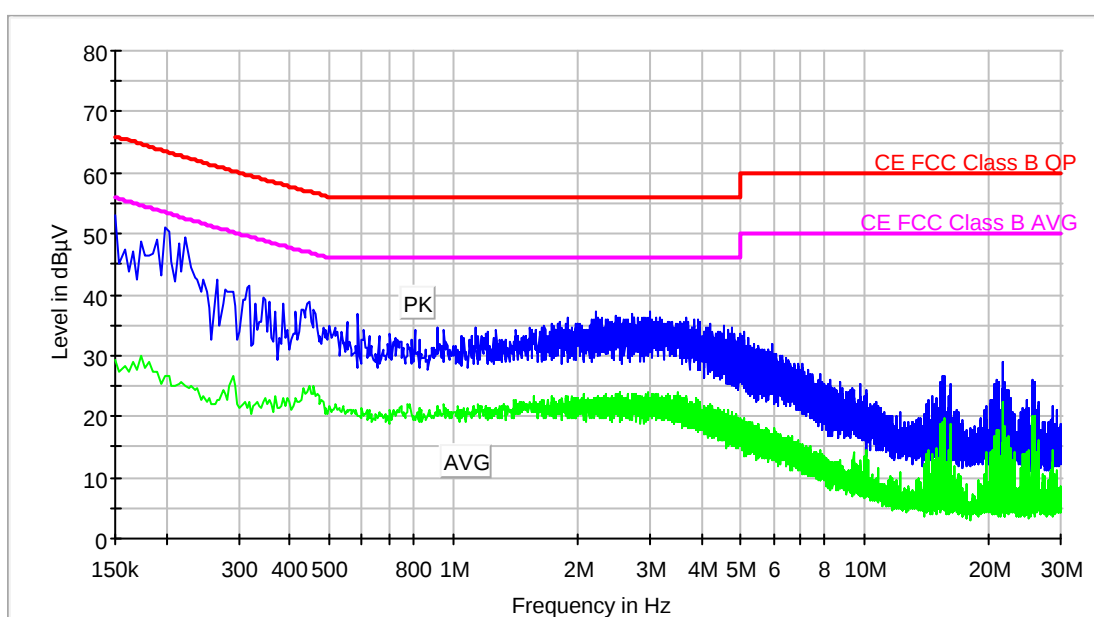
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.154000        | 51.5                      | 27.6                      |
| 2.386000        | 39.4                      | 22.4                      |
| 3.222000        | 39.0                      | 24.1                      |
| 3.166000        | 38.8                      | 21.6                      |
| 3.410000        | 38.8                      | 22.1                      |
| 2.042000        | 38.8                      | 25.3                      |
| 2.970000        | 38.7                      | 24.1                      |
| 3.062000        | 38.6                      | 23.0                      |
| 2.410000        | 38.5                      | 24.5                      |
| 2.638000        | 38.5                      | 23.8                      |

Continuous Conducted emission : CC0125L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#25  
 Date: 2010-11-02 10:25  
 Setup: EMI conducted  
 Mode: EUT ON. TCH UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

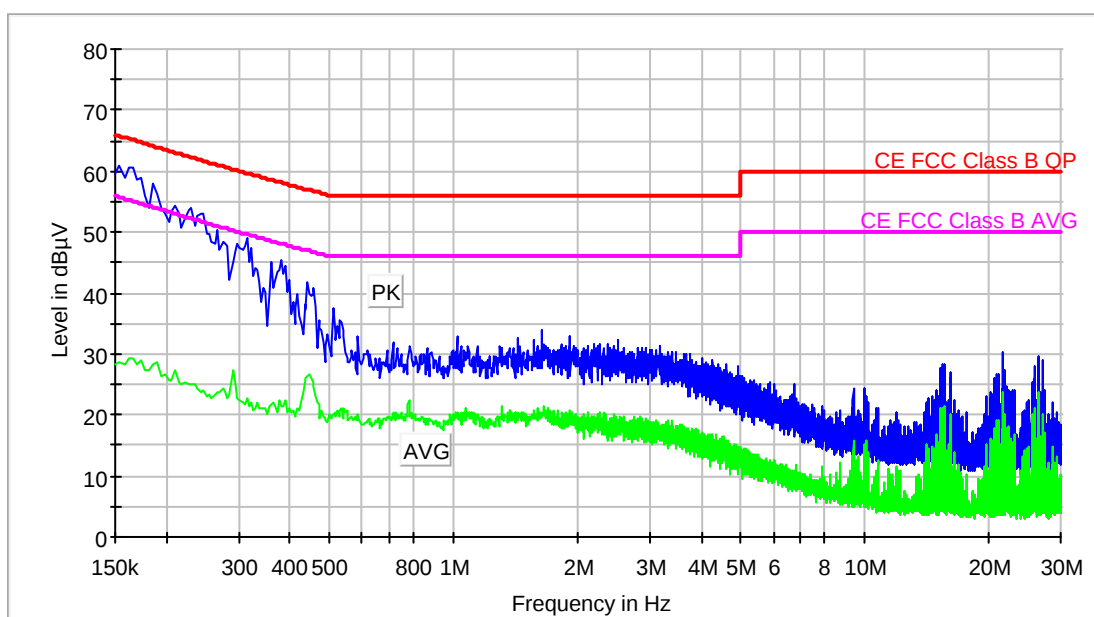
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 53.0                      | 29.2                      |
| 0.198000        | 50.9                      | 26.7                      |
| 0.266000        | 42.4                      | 22.6                      |
| 0.318000        | 41.5                      | 22.3                      |
| 0.346000        | 39.7                      | 22.2                      |
| 0.446000        | 38.8                      | 25.1                      |
| 3.002000        | 37.1                      | 22.9                      |
| 2.218000        | 37.0                      | 23.1                      |
| 0.586000        | 37.0                      | 20.2                      |
| 3.838000        | 36.0                      | 20.9                      |

Continuous Conducted emission : CC01100N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#10  
 Date: 2010-11-02 11:09  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

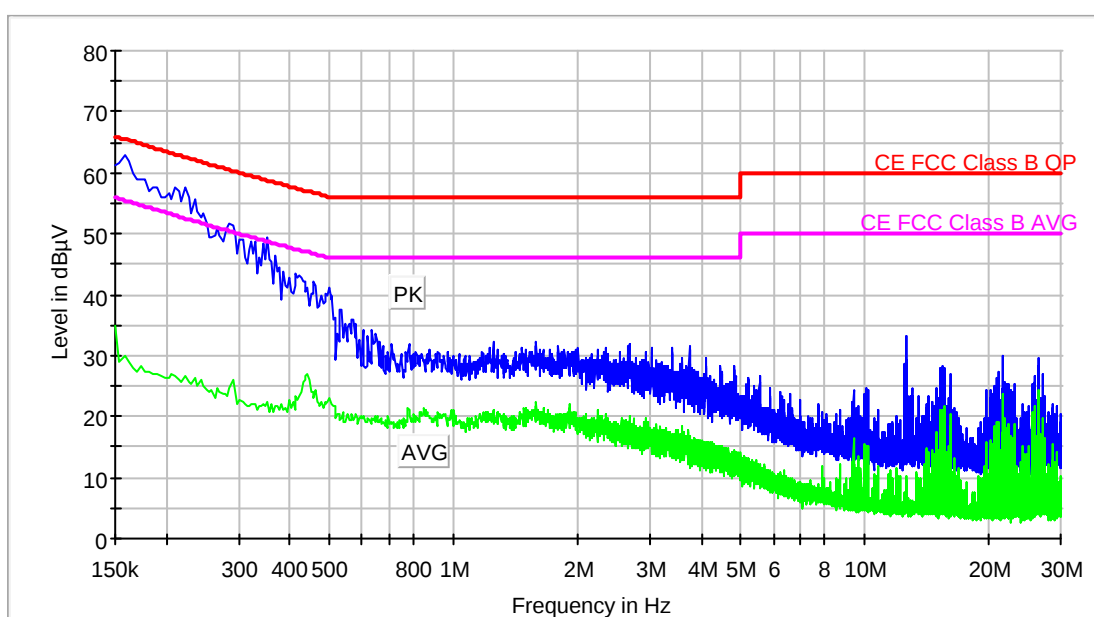
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.154000        | 60.9                      | 28.8                      |
| 0.382000        | 45.3                      | 21.4                      |
| 0.442000        | 41.8                      | 26.3                      |
| 0.510000        | 37.4                      | 20.0                      |
| 1.638000        | 34.0                      | 20.1                      |
| 21.666000       | 30.3                      | 22.8                      |
| 26.610000       | 29.5                      | 23.6                      |
| 26.486000       | 29.2                      | 22.8                      |
| 27.158000       | 29.1                      | 20.1                      |
| 26.550000       | 28.6                      | 21.8                      |

Continuous Conducted emission : CC0110L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#10  
 Date: 2010-11-02 11:15  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

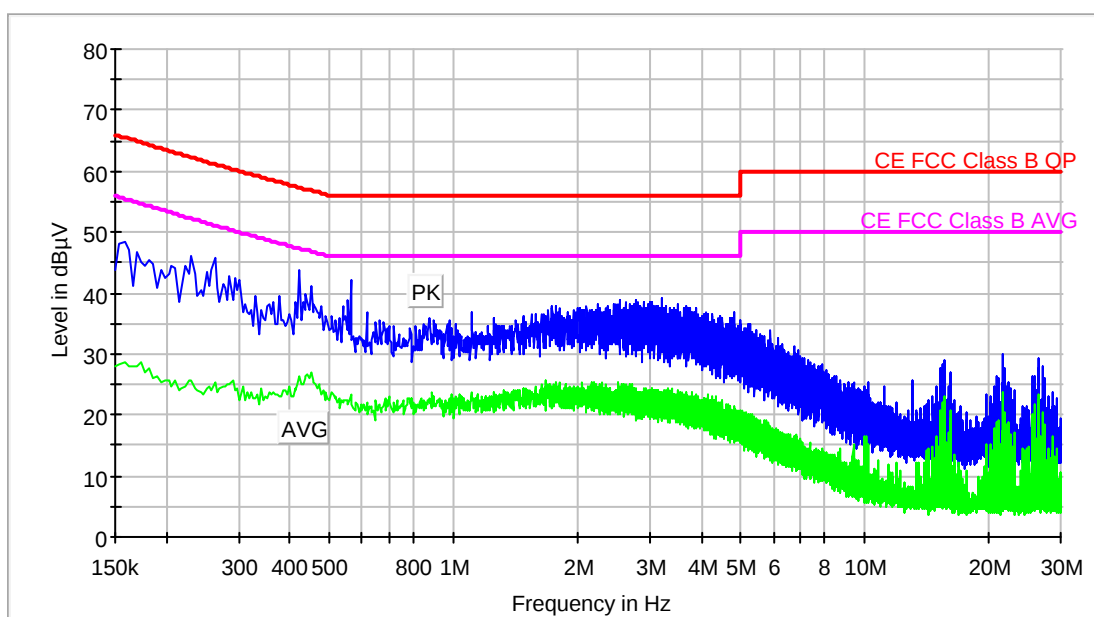
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) | Corr. (dB) | Frequency (MHz) |
|-----------------|---------------------------|---------------------------|------------|-----------------|
| 0.158000        | 62.9                      | 29.9                      | 10.0       | 0.158000        |
| 0.534000        | 37.6                      | 19.6                      | 10.0       | 0.534000        |
| 12.598000       | 33.2                      | 9.4                       | 10.0       | 12.598000       |
| 3.742000        | 31.5                      | 13.5                      | 10.0       | 3.742000        |
| 3.386000        | 31.4                      | 17.1                      | 10.0       | 3.386000        |
| 21.662000       | 29.8                      | 23.7                      | 9.9        | 21.662000       |
| 3.602000        | 29.7                      | 17.7                      | 10.0       | 3.602000        |
| 4.126000        | 29.6                      | 14.9                      | 10.0       | 4.126000        |
| 26.610000       | 29.6                      | 24.3                      | 9.9        | 26.610000       |
| 12.662000       | 29.3                      | 10.3                      | 10.0       | 12.662000       |

Continuous Conducted emission : CC01280N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#28  
 Date: 2010-11-02 10:52  
 Setup: EMI conducted  
 Mode: EUT ON. TCH UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

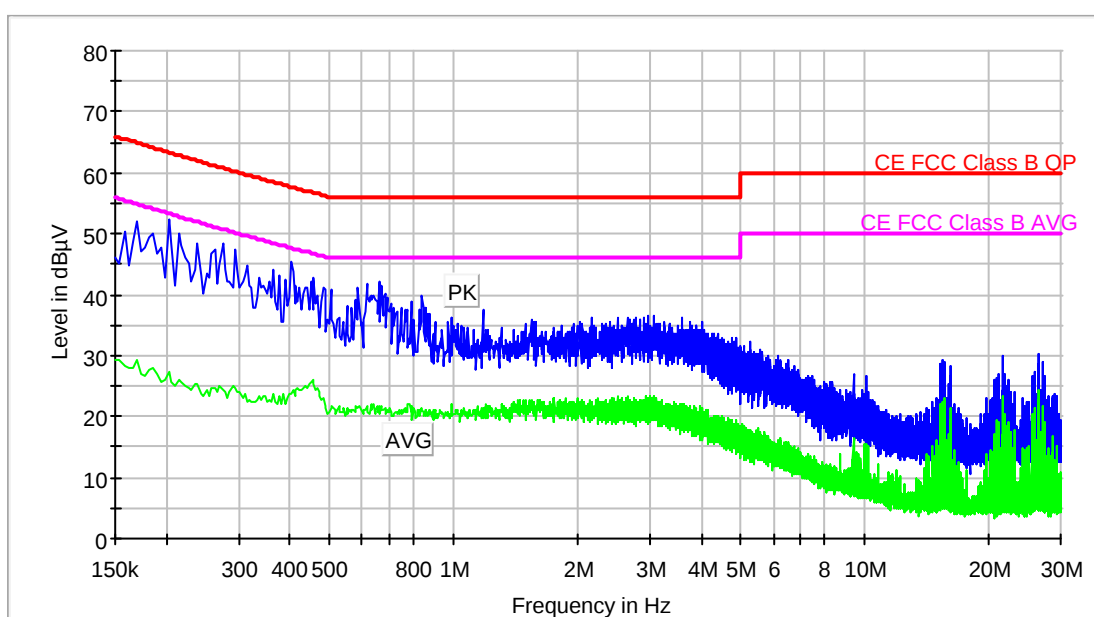
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.158000        | 48.2                      | 28.8                      |
| 0.422000        | 43.9                      | 26.3                      |
| 0.562000        | 42.2                      | 23.4                      |
| 3.218000        | 39.0                      | 23.8                      |
| 2.542000        | 39.0                      | 24.5                      |
| 2.778000        | 38.9                      | 22.5                      |
| 2.614000        | 38.5                      | 24.9                      |
| 2.902000        | 38.5                      | 24.5                      |
| 3.022000        | 38.5                      | 21.6                      |
| 2.678000        | 38.3                      | 23.9                      |

Continuous Conducted emission : CC128L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation Mode: OM#28  
 Date: 2010-11-02 11:01  
 Setup: EMI conducted  
 Mode: EUT ON. TCH UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

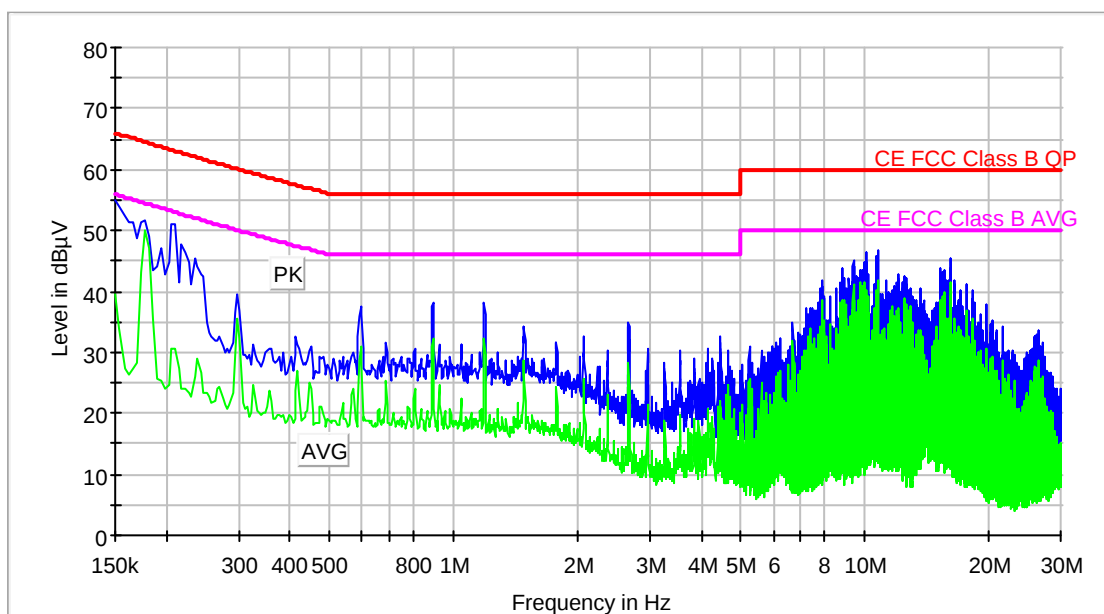
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.202000        | 52.2                      | 27.2                      |
| 0.170000        | 52.1                      | 29.4                      |
| 0.214000        | 50.0                      | 25.9                      |
| 0.274000        | 48.5                      | 24.4                      |
| 0.402000        | 45.3                      | 23.7                      |
| 0.658000        | 42.2                      | 21.6                      |
| 0.586000        | 41.1                      | 21.5                      |
| 0.838000        | 40.0                      | 21.2                      |
| 0.790000        | 38.8                      | 21.6                      |
| 1.178000        | 37.5                      | 20.4                      |

Continuous Conducted emission : CC03020N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#02  
 Date: 2010-11-02 14:15  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

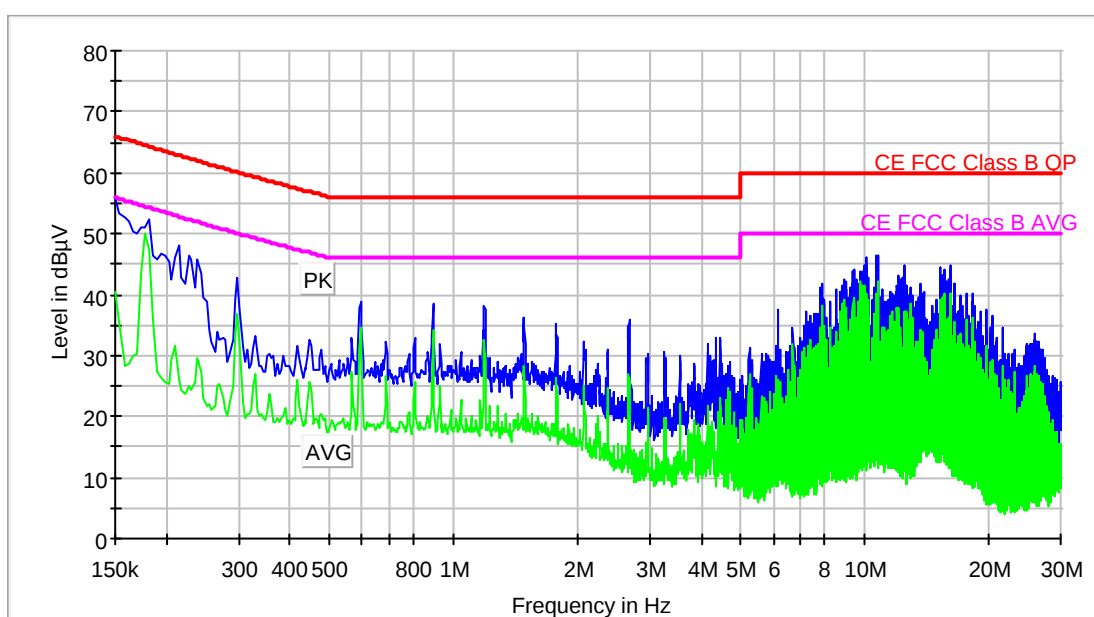
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 54.9                      | 39.5                      |
| 0.206000        | 51.1                      | 30.5                      |
| 10.794000       | 46.7                      | 41.7                      |
| 10.058000       | 46.3                      | 40.3                      |
| 10.734000       | 45.9                      | 40.3                      |
| 16.230000       | 45.4                      | 41.4                      |
| 9.390000        | 44.9                      | 41.1                      |
| 10.122000       | 44.9                      | 39.1                      |
| 9.938000        | 44.8                      | 41.5                      |
| 9.450000        | 44.1                      | 38.6                      |

Continuous Conducted emission : CC0302L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#02  
 Date: 2010-11-02 14:18  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE 850 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

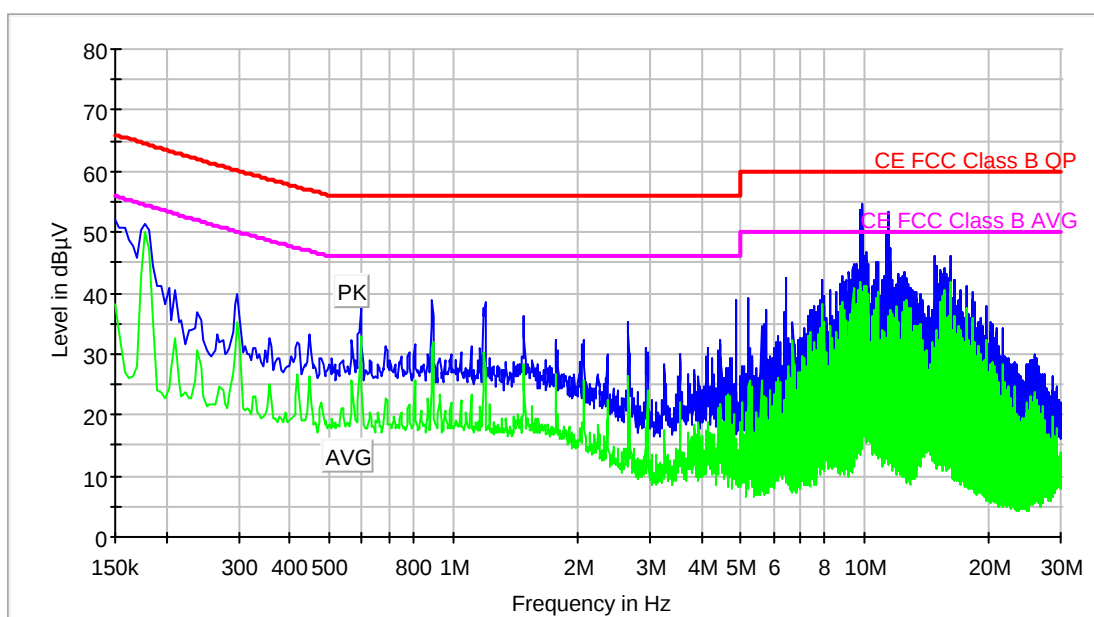
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 55.9                      | 40.6                      |
| 10.794000       | 46.6                      | 42.3                      |
| 10.734000       | 46.4                      | 40.1                      |
| 10.058000       | 46.1                      | 39.9                      |
| 9.938000        | 44.9                      | 41.6                      |
| 12.478000       | 44.7                      | 20.9                      |
| 10.122000       | 44.7                      | 39.1                      |
| 16.230000       | 44.7                      | 40.0                      |
| 15.254000       | 44.5                      | 38.8                      |
| 9.450000        | 44.2                      | 38.7                      |

Continuous Conducted emission : CC03200N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#20  
 Date: 2010-11-02 14:12  
 Setup: EMI conducted  
 Mode: EUT ON. TCH 850MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

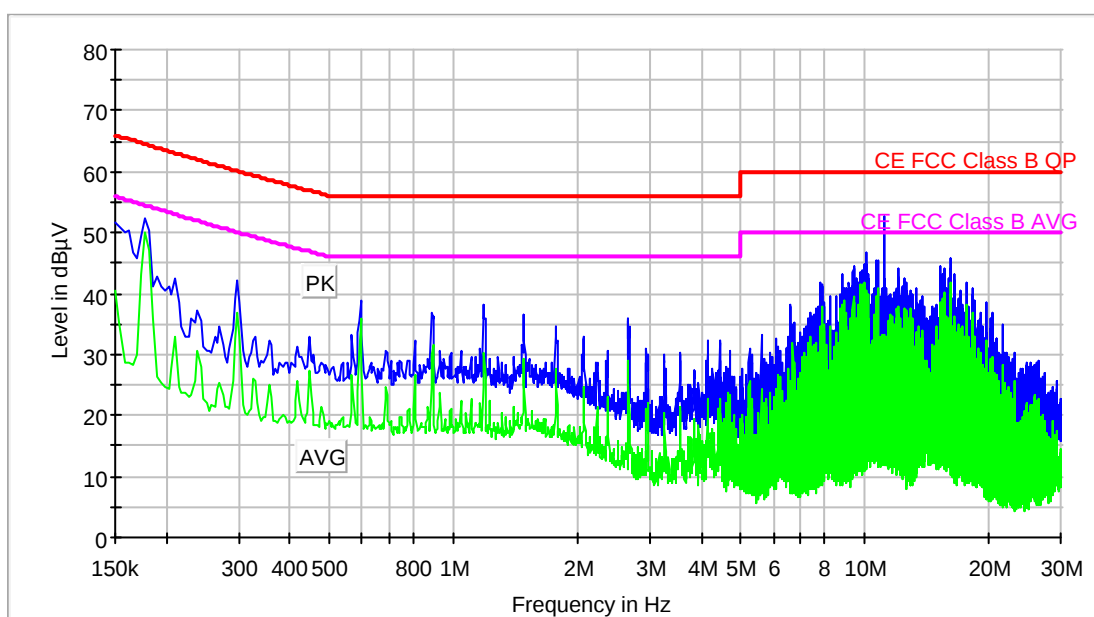
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 9.926000        | 54.5                      | 34.2                      |
| 9.778000        | 53.6                      | 27.5                      |
| 11.406000       | 53.5                      | 33.5                      |
| 0.150000        | 51.9                      | 38.2                      |
| 11.330000       | 50.2                      | 22.1                      |
| 11.490000       | 47.5                      | 23.0                      |
| 10.058000       | 46.6                      | 41.1                      |
| 11.306000       | 46.5                      | 21.4                      |
| 14.762000       | 46.1                      | 29.2                      |
| 9.966000        | 46.1                      | 35.7                      |

Continuous Conducted emission : CC0320L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#20  
 Date: 2010-11-02 14:10  
 Setup: EMI conducted  
 Mode: EUT ON. TCH 850MHz. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

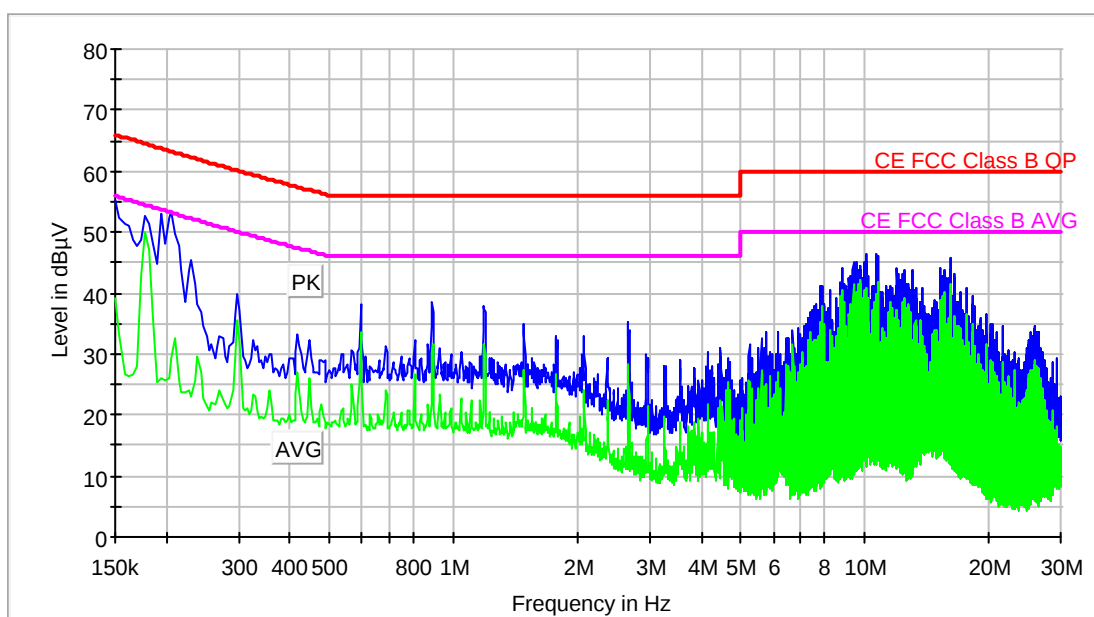
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 11.162000       | 52.8                      | 23.7                      |
| 0.178000        | 52.5                      | 50.0                      |
| 10.058000       | 46.7                      | 40.6                      |
| 16.230000       | 45.9                      | 41.7                      |
| 10.734000       | 45.5                      | 39.5                      |
| 10.794000       | 45.4                      | 40.8                      |
| 10.122000       | 44.8                      | 39.0                      |
| 9.938000        | 44.6                      | 41.7                      |
| 9.450000        | 44.5                      | 38.5                      |
| 15.254000       | 44.5                      | 38.6                      |

Continuous Conducted emission : CC03050N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#05  
 Date: 2010-11-02 14:32  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

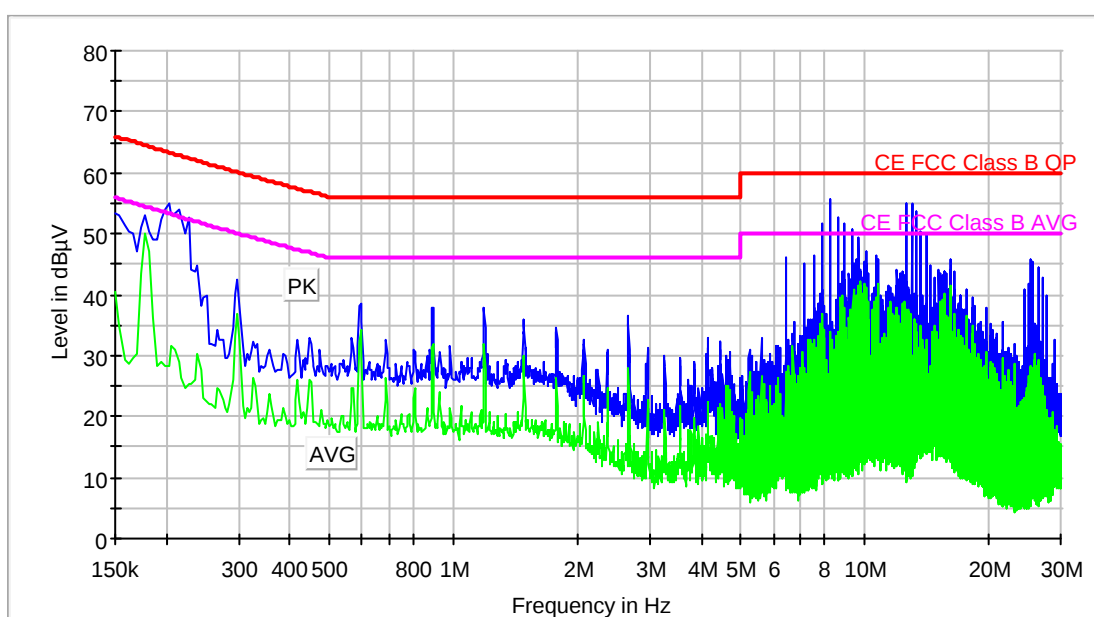
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 55.2                      | 39.2                      |
| 0.206000        | 53.4                      | 29.4                      |
| 10.058000       | 46.4                      | 40.9                      |
| 10.734000       | 46.3                      | 39.8                      |
| 10.794000       | 46.2                      | 41.8                      |
| 16.230000       | 45.7                      | 41.6                      |
| 9.514000        | 45.2                      | 38.4                      |
| 10.122000       | 45.1                      | 39.0                      |
| 9.938000        | 45.0                      | 40.6                      |
| 9.390000        | 45.0                      | 41.5                      |

Continuous Conducted emission : CC0305L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#05  
 Date: 2010-11-02 14:36  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE 1900 MHz. Bluetooth ON. WiFi ON. Power supply in USB mode.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

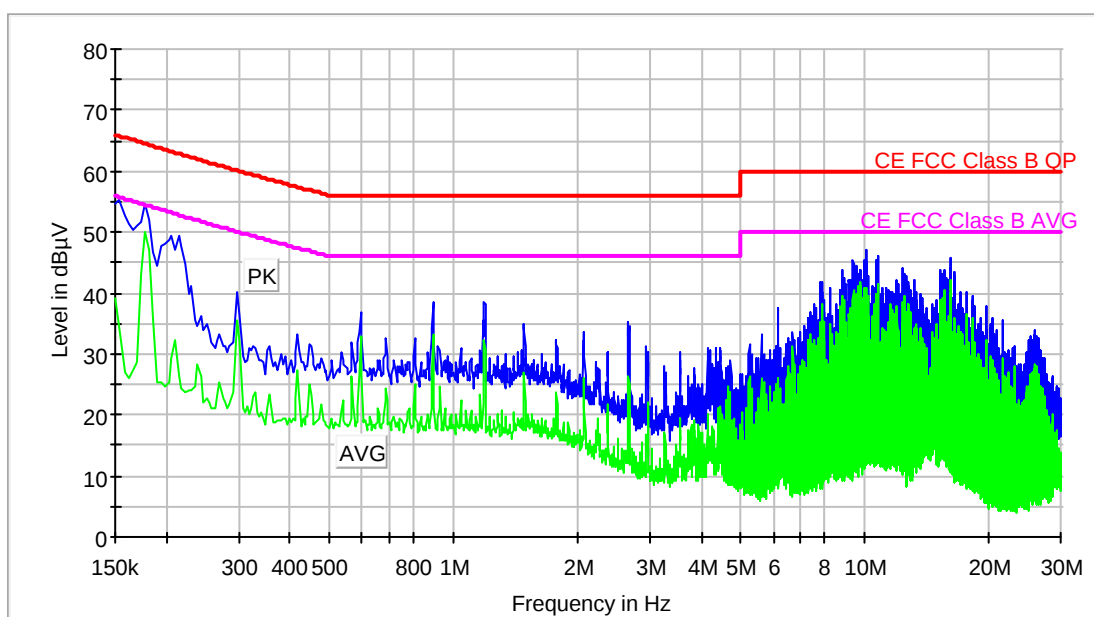
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 8.234000        | 55.6                      | 32.0                      |
| 13.002000       | 55.1                      | 20.4                      |
| 12.630000       | 55.1                      | 23.2                      |
| 0.202000        | 55.0                      | 28.3                      |
| 13.370000       | 53.6                      | 26.3                      |
| 8.602000        | 52.7                      | 23.0                      |
| 8.970000        | 51.7                      | 24.1                      |
| 7.878000        | 51.6                      | 13.8                      |
| 9.338000        | 50.7                      | 19.3                      |
| 13.738000       | 50.5                      | 19.4                      |

Continuous Conducted emission : CC03230N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#23  
 Date: 2010-11-02 14:24  
 Setup: EMI conducted  
 Mode: EUT ON. TCH 1900MHz. Bluetooth ON. WiFi. ON. Power supply in USB mode.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

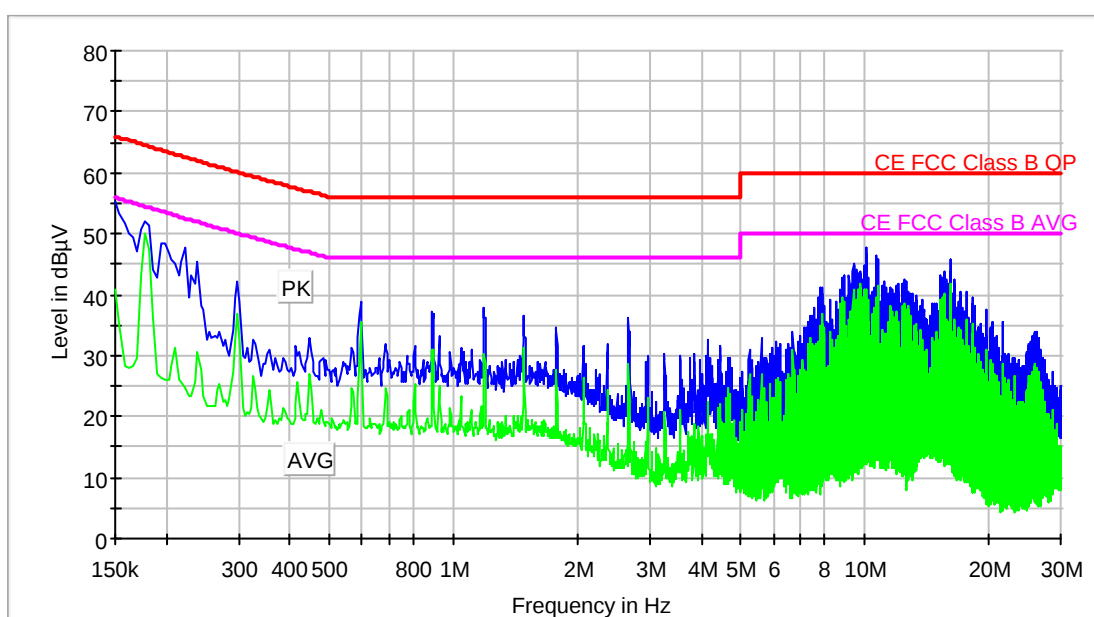
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.154000        | 55.4                      | 34.6                      |
| 10.058000       | 47.1                      | 40.7                      |
| 10.794000       | 46.1                      | 41.6                      |
| 16.230000       | 45.9                      | 42.0                      |
| 10.734000       | 45.5                      | 39.9                      |
| 9.386000        | 45.4                      | 38.7                      |
| 9.938000        | 45.3                      | 40.8                      |
| 10.122000       | 45.1                      | 39.3                      |
| 9.518000        | 44.4                      | 37.7                      |
| 16.166000       | 44.1                      | 39.6                      |

Continuous Conducted emission : CC0323L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#23  
 Date: 2010-11-02 14:27  
 Setup: EMI conducted  
 Mode: EUT ON. TCH 1900MHz. Bluetooth ON. WiFi. ON. Power supply in USB mode.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

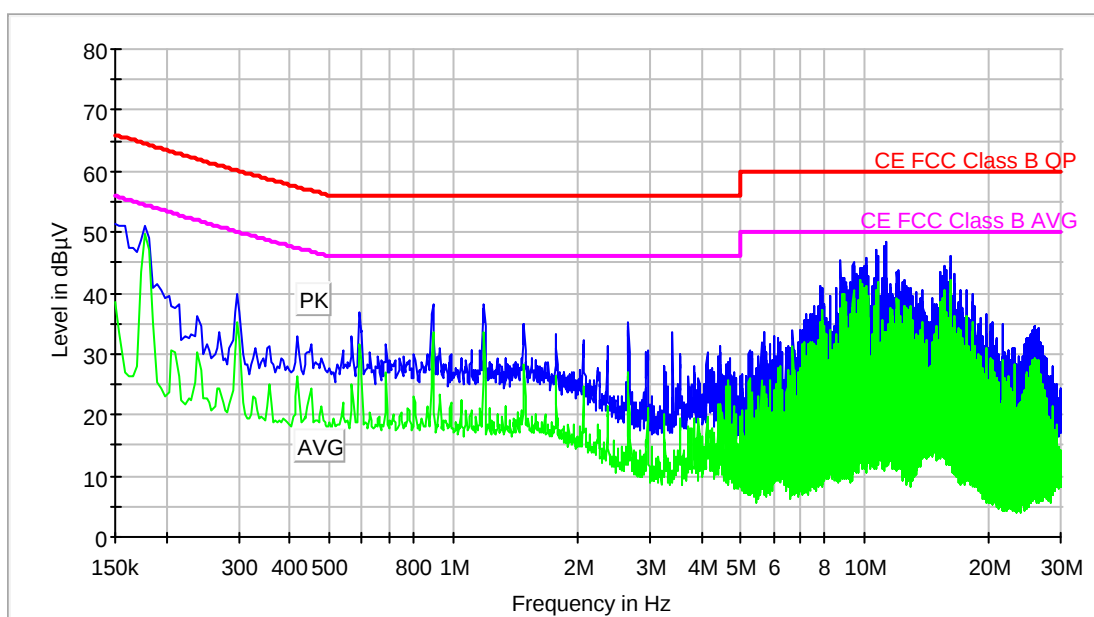
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 55.2                      | 40.9                      |
| 10.118000       | 47.7                      | 33.1                      |
| 10.058000       | 46.7                      | 40.9                      |
| 10.734000       | 46.3                      | 39.6                      |
| 16.230000       | 45.9                      | 41.7                      |
| 10.794000       | 45.7                      | 41.4                      |
| 9.390000        | 45.0                      | 40.8                      |
| 9.938000        | 44.8                      | 40.8                      |
| 9.450000        | 44.8                      | 38.5                      |
| 9.514000        | 44.0                      | 36.9                      |

Continuous Conducted emission : CC03080N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#08  
 Date: 2010-11-02 14:54  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

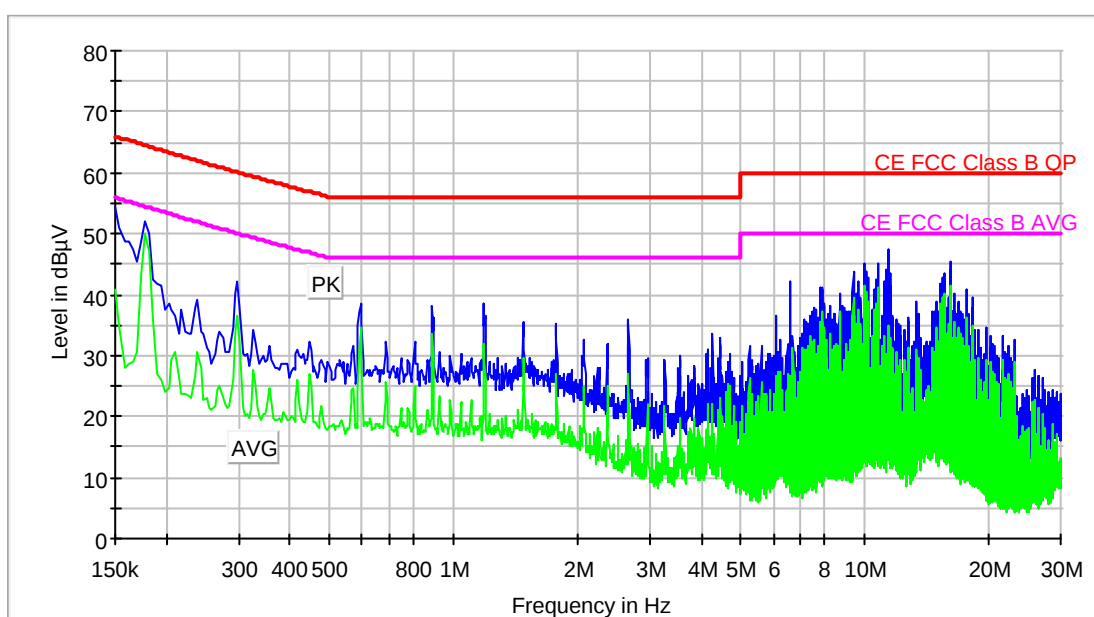
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 51.4                      | 38.4                      |
| 0.178000        | 51.0                      | 49.8                      |
| 11.254000       | 48.4                      | 22.5                      |
| 11.142000       | 47.8                      | 27.0                      |
| 10.734000       | 47.1                      | 40.5                      |
| 11.230000       | 46.5                      | 18.1                      |
| 16.230000       | 46.1                      | 42.1                      |
| 10.794000       | 46.0                      | 41.9                      |
| 10.058000       | 45.9                      | 39.7                      |
| 8.774000        | 45.6                      | 37.7                      |

Continuous Conducted emission : CC0308L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#08  
 Date: 2010-11-02 14:59  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

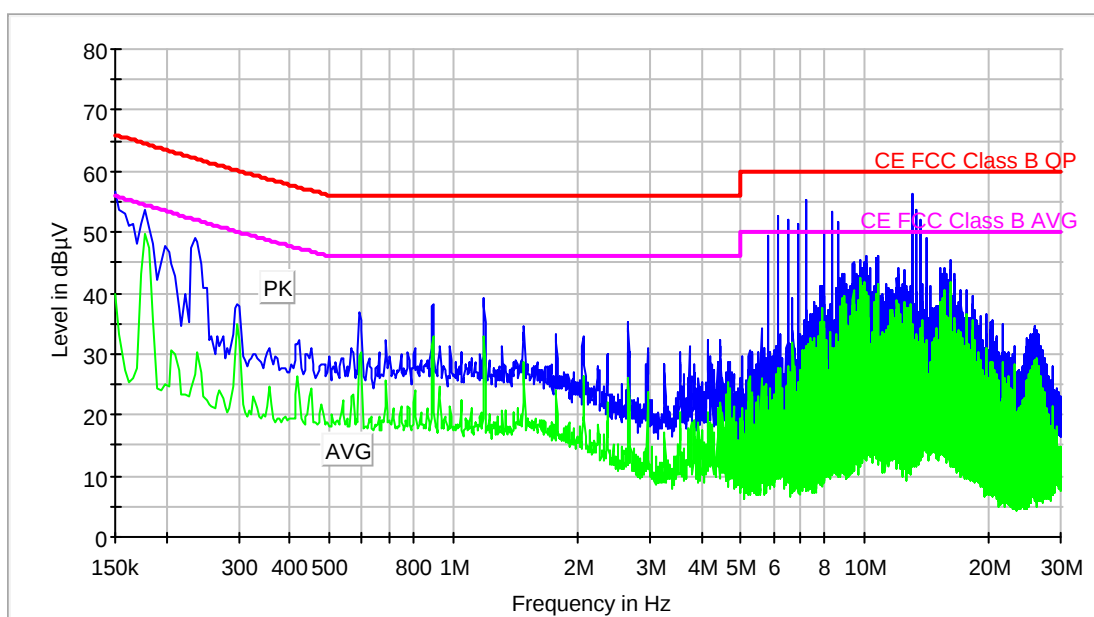
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 54.2                      | 40.8                      |
| 0.178000        | 51.9                      | 50.0                      |
| 11.466000       | 47.3                      | 34.9                      |
| 16.230000       | 45.5                      | 41.4                      |
| 10.794000       | 45.0                      | 41.1                      |
| 9.938000        | 45.0                      | 41.5                      |
| 11.270000       | 44.3                      | 19.8                      |
| 16.166000       | 44.0                      | 39.5                      |
| 10.062000       | 43.9                      | 40.4                      |
| 9.390000        | 43.9                      | 39.6                      |

Continuous Conducted emission : CC03260N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#26  
 Date: 2010-11-02 14:43  
 Setup: EMI conducted  
 Mode: EUT ON. TCH UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

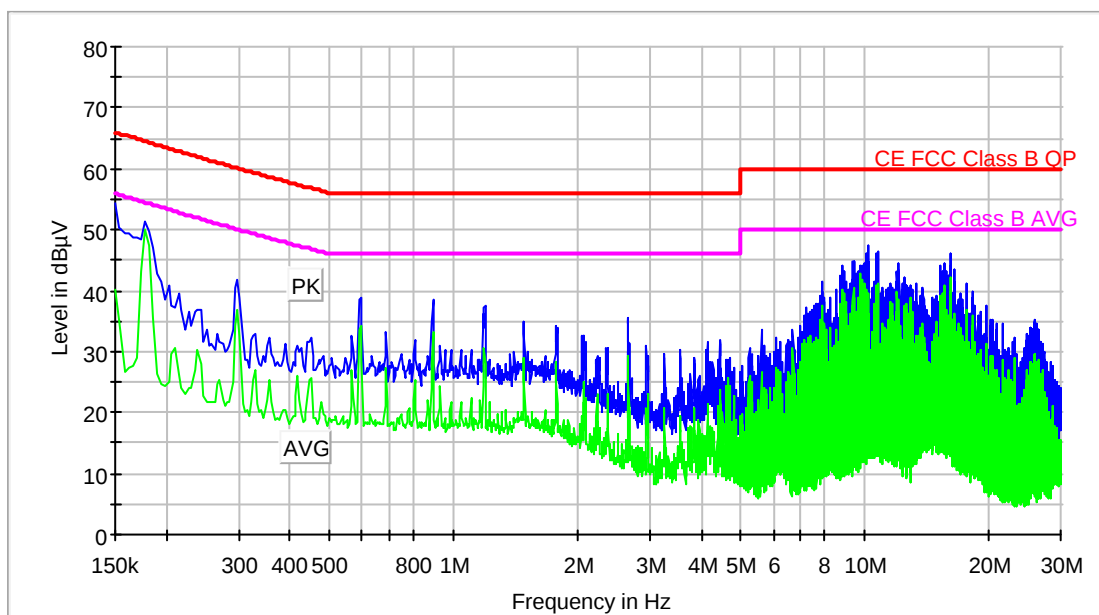
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 56.8                      | 39.9                      |
| 13.010000       | 56.2                      | 21.0                      |
| 7.234000        | 55.2                      | 19.4                      |
| 13.378000       | 53.8                      | 19.4                      |
| 0.178000        | 53.8                      | 49.9                      |
| 8.306000        | 53.3                      | 26.0                      |
| 6.158000        | 52.8                      | 20.2                      |
| 13.746000       | 52.1                      | 19.4                      |
| 6.518000        | 52.0                      | 27.9                      |
| 8.674000        | 51.8                      | 17.7                      |

Continuous Conducted emission : CC0326L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#26  
 Date: 2010-11-02 14:50  
 Setup: EMI conducted  
 Mode: EUT ON. TCH UMTS FDD Band II. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

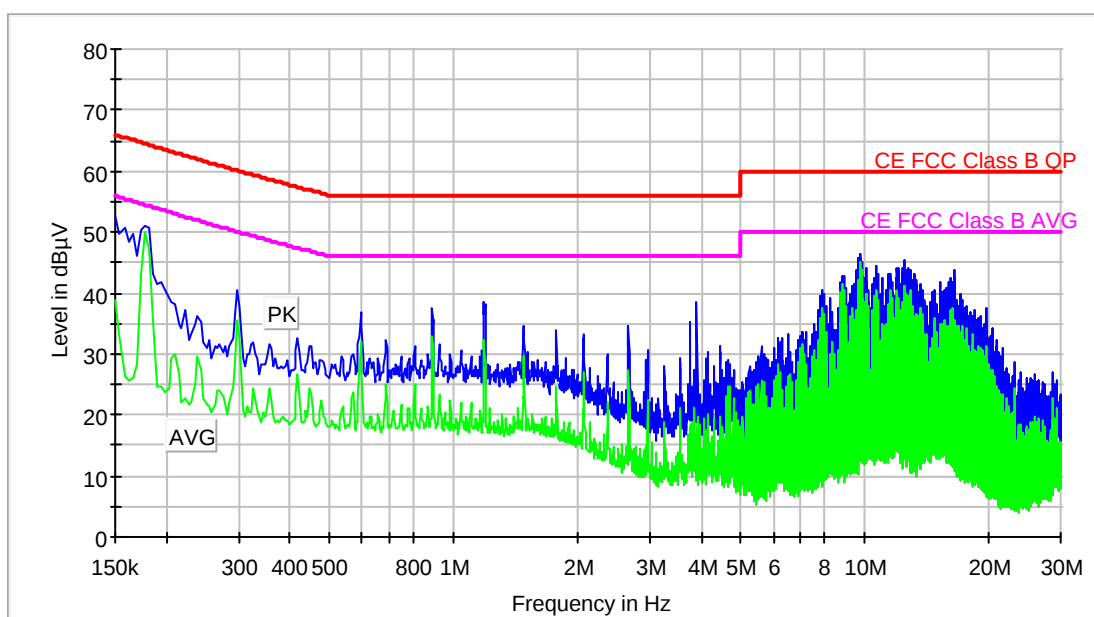
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 54.4                      | 40.3                      |
| 0.178000        | 51.2                      | 50.0                      |
| 10.230000       | 47.3                      | 17.2                      |
| 10.794000       | 46.5                      | 41.3                      |
| 10.058000       | 46.2                      | 40.2                      |
| 10.734000       | 46.2                      | 40.8                      |
| 16.230000       | 45.9                      | 42.0                      |
| 10.238000       | 44.9                      | 28.6                      |
| 9.390000        | 44.8                      | 40.4                      |
| 9.450000        | 44.6                      | 39.0                      |

Continuous Conducted emission : CC03110N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM11  
 Date: 2010-11-02 15:35  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

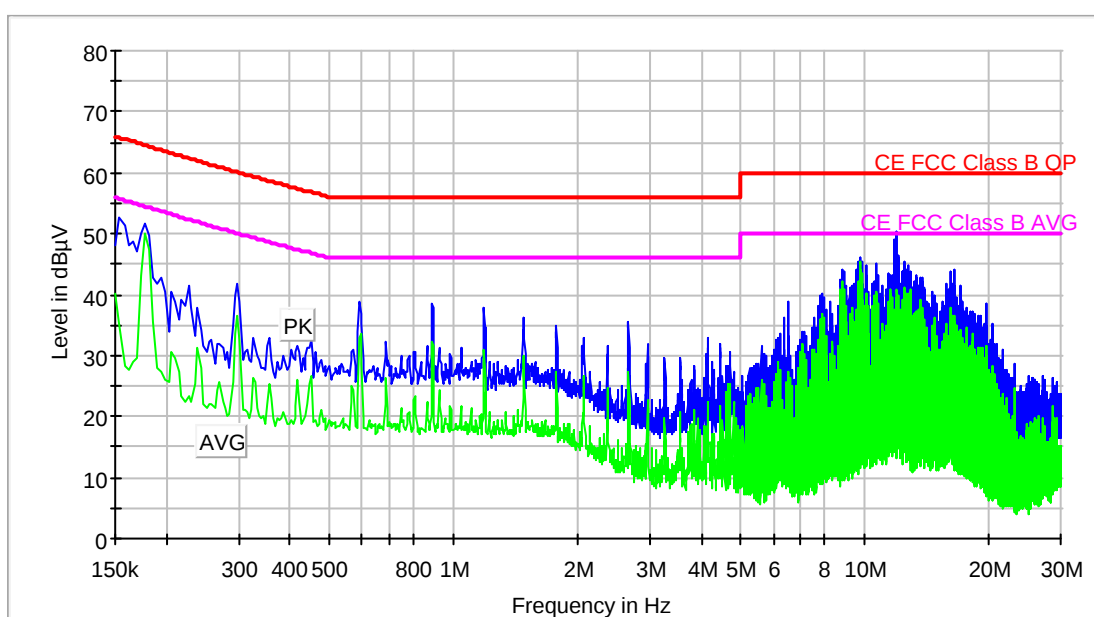
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 52.6                      | 38.8                      |
| 0.178000        | 51.1                      | 50.0                      |
| 0.182000        | 50.7                      | 47.1                      |
| 0.158000        | 50.6                      | 26.4                      |
| 0.174000        | 50.5                      | 43.0                      |
| 0.166000        | 49.7                      | 26.1                      |
| 0.154000        | 49.6                      | 33.2                      |
| 0.162000        | 48.3                      | 25.8                      |
| 9.786000        | 46.3                      | 45.1                      |
| 0.170000        | 46.2                      | 28.4                      |

Continuous Conducted emission : CC0311L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#11  
 Date: 2010-11-02 15:40  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE UMTS Band V. Bluetooth ON. WiFi ON. Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

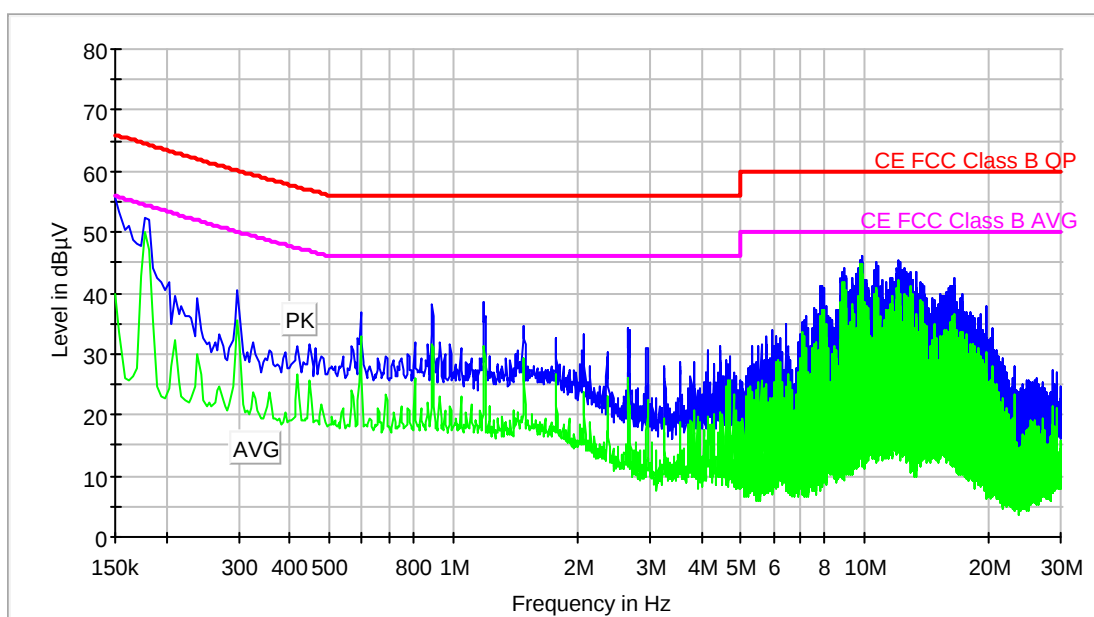
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.154000        | 52.8                      | 35.1                      |
| 0.178000        | 51.7                      | 49.9                      |
| 0.158000        | 51.4                      | 28.3                      |
| 11.954000       | 50.2                      | 38.0                      |
| 0.174000        | 50.1                      | 43.2                      |
| 0.182000        | 49.6                      | 47.3                      |
| 11.854000       | 49.2                      | 20.6                      |
| 0.166000        | 48.9                      | 28.9                      |
| 0.150000        | 48.2                      | 40.1                      |
| 0.162000        | 48.2                      | 27.8                      |

Continuous Conducted emission : CC03290N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#29  
 Date: 2010-11-02 16:11  
 Setup: EMI conducted  
 Mode: EUT ON. TCH UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

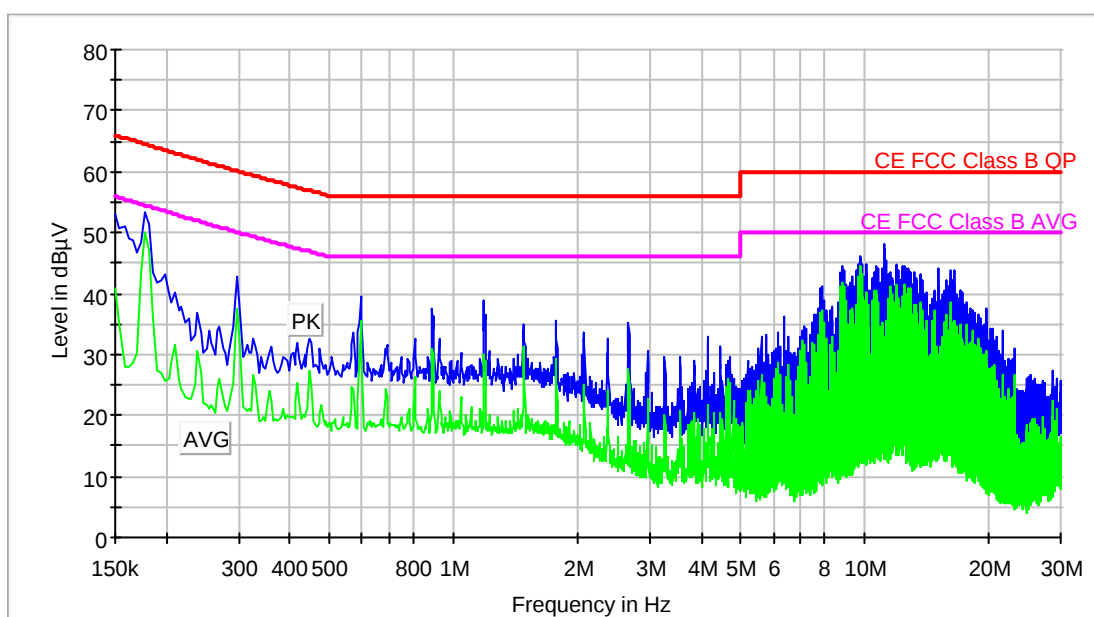
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 55.5                      | 39.9                      |
| 0.154000        | 53.3                      | 33.6                      |
| 0.178000        | 52.4                      | 50.1                      |
| 0.182000        | 52.2                      | 47.1                      |
| 0.162000        | 51.1                      | 25.5                      |
| 0.158000        | 50.5                      | 26.1                      |
| 0.166000        | 48.7                      | 26.3                      |
| 0.170000        | 48.0                      | 27.6                      |
| 0.174000        | 47.7                      | 42.9                      |
| 9.854000        | 46.2                      | 44.9                      |

Continuous Conducted emission : CC0329L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation Mode: OM#29  
 Date: 2010-11-02 15:46  
 Setup: EMI conducted  
 Mode: EUT ON. TCH UMTS FDD Band V. Bluetooth ON. WiFi ON.  
 Power supply in USB mode. Headset connected.

## EC FCC Class B ESPI LAB1



## Max PK-AVG

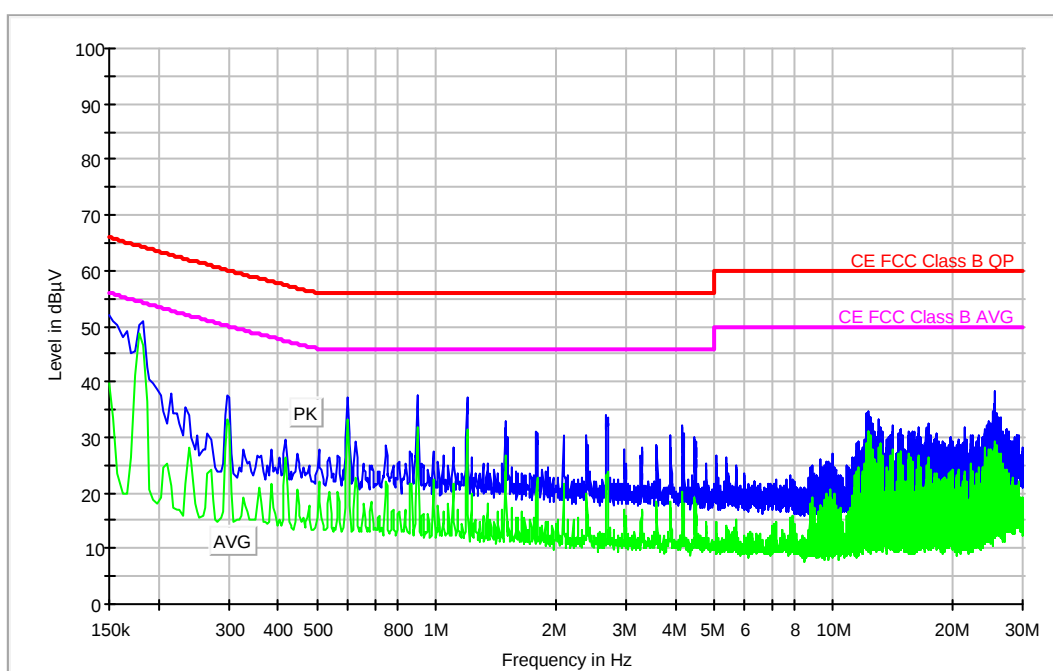
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.178000        | 53.4                      | 50.1                      |
| 0.150000        | 52.9                      | 40.8                      |
| 0.182000        | 51.4                      | 47.1                      |
| 0.158000        | 50.9                      | 28.0                      |
| 0.154000        | 50.7                      | 35.3                      |
| 0.162000        | 49.1                      | 27.9                      |
| 0.166000        | 48.7                      | 28.5                      |
| 0.174000        | 48.4                      | 43.3                      |
| 11.146000       | 48.1                      | 23.9                      |
| 11.214000       | 47.4                      | 22.6                      |

Continuous Conducted emission : CC06170N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/06  
 Operation mode: OM#17  
 Date: 2010-11-10 13:25  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in USB mode. Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

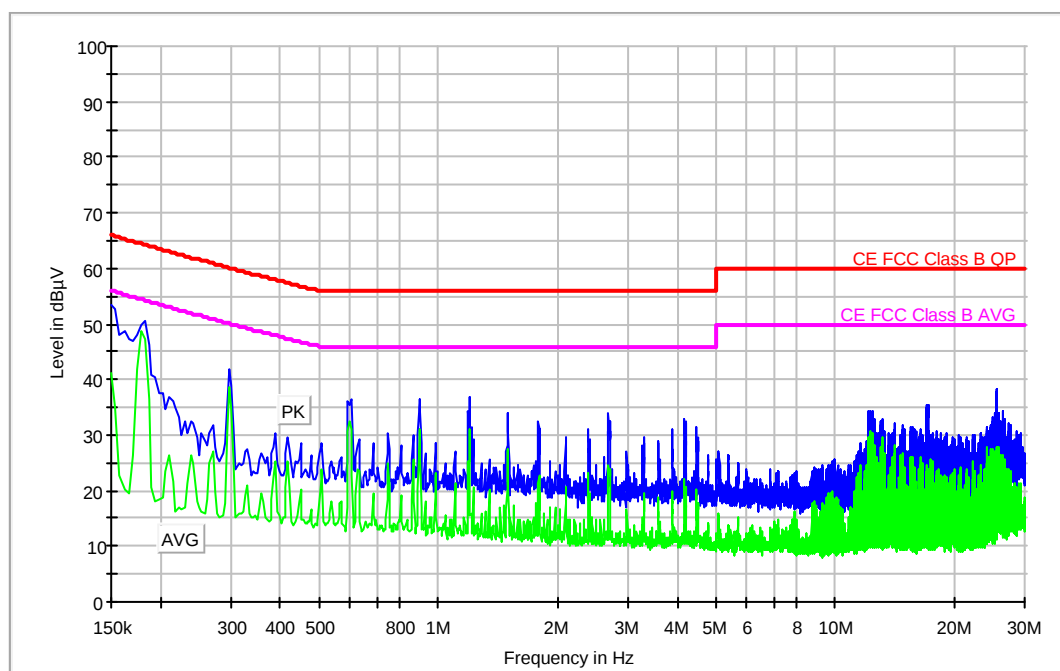
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 52.1                      | 39.6                      |
| 0.154000        | 51.0                      | 33.6                      |
| 0.182000        | 50.8                      | 46.7                      |
| 0.158000        | 50.2                      | 23.3                      |
| 0.178000        | 50.1                      | 48.9                      |
| 0.166000        | 49.1                      | 19.9                      |
| 0.162000        | 47.9                      | 19.7                      |
| 0.174000        | 45.6                      | 41.1                      |
| 0.170000        | 45.0                      | 26.4                      |
| 0.186000        | 42.6                      | 36.5                      |

Continuous Conducted emission : CC0617L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/06  
 Operation mode: OM#17  
 Date: 2010-11-10 13:22  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply in USB mode. Headset connected.

## EC FCC Class B ESU CC5



## Max PK-AVG

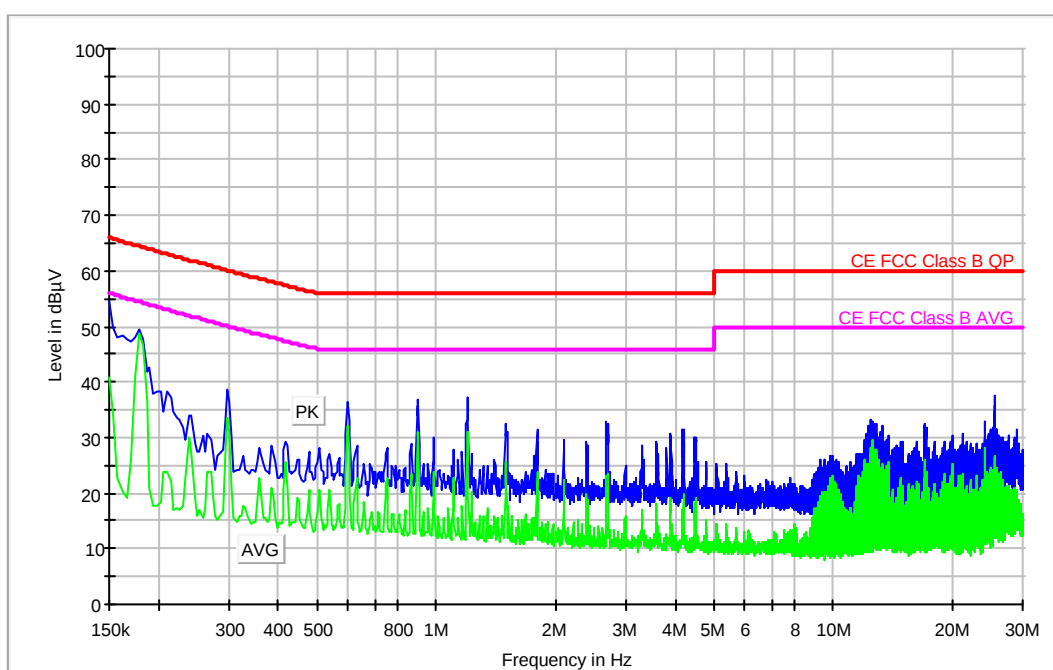
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 53.3                      | 41.1                      |
| 0.154000        | 52.6                      | 35.0                      |
| 0.182000        | 50.7                      | 47.3                      |
| 0.178000        | 49.6                      | 48.8                      |
| 0.162000        | 48.7                      | 20.3                      |
| 0.158000        | 48.1                      | 22.7                      |
| 0.174000        | 47.9                      | 41.7                      |
| 0.166000        | 47.4                      | 19.4                      |
| 0.170000        | 47.1                      | 26.5                      |
| 0.186000        | 46.3                      | 36.4                      |

Continuous Conducted emission : CC06350N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/06  
 Operation mode: OM#35  
 Date: 2010-11-10 12:34  
 Setup: EMI conducted  
 Mode: EUT ON. TCH Satellite. Bluetooth ON. External Antenna. Power supply in USB mode. Headset connected.

## EC FCC Class B ESU CC5



## Max PK-AVG

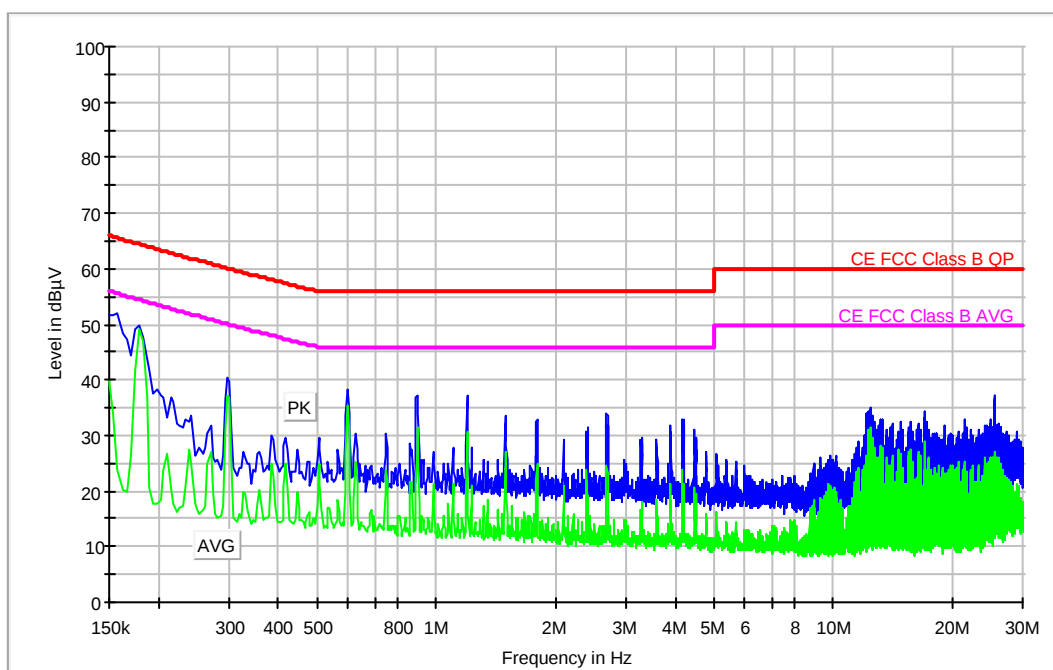
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 54.3                      | 40.8                      |
| 0.154000        | 49.8                      | 34.2                      |
| 0.178000        | 49.6                      | 48.6                      |
| 0.162000        | 48.4                      | 20.4                      |
| 0.174000        | 48.2                      | 40.9                      |
| 0.158000        | 47.9                      | 22.7                      |
| 0.166000        | 47.8                      | 19.2                      |
| 0.182000        | 47.7                      | 46.6                      |
| 0.170000        | 47.4                      | 26.1                      |
| 0.190000        | 42.5                      | 20.9                      |

Continuous Conducted emission : CC0635L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/06  
 Operation mode: OM#35  
 Date: 2010-11-10 12:54  
 Setup: EMI conducted  
 Mode: EUT ON. TCH Satellite. Bluetooth ON. External Antenna. Power supply in USB mode. Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

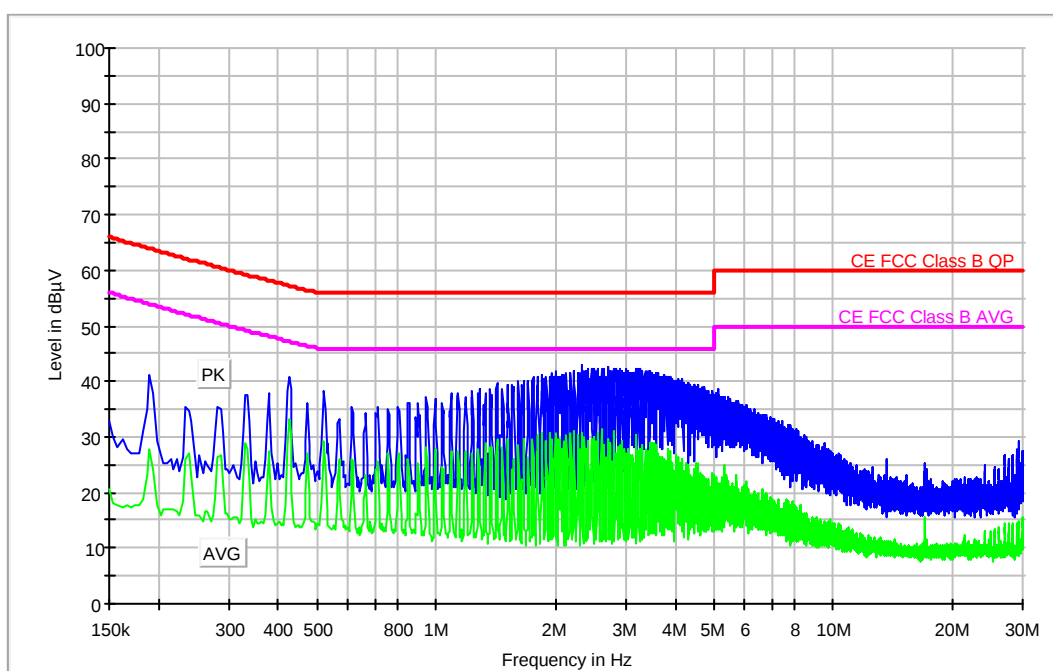
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.158000        | 51.9                      | 23.9                      |
| 0.150000        | 51.7                      | 39.5                      |
| 0.154000        | 51.6                      | 34.1                      |
| 0.178000        | 49.8                      | 48.9                      |
| 0.174000        | 48.9                      | 41.4                      |
| 0.162000        | 48.4                      | 20.3                      |
| 0.182000        | 47.8                      | 47.0                      |
| 0.166000        | 47.5                      | 20.0                      |
| 0.170000        | 44.3                      | 26.4                      |
| 0.186000        | 43.8                      | 36.7                      |

Continuous Conducted emission : CC04160N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/04  
 Operation mode: OM#16  
 Date: 2010-11-10 13:39  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

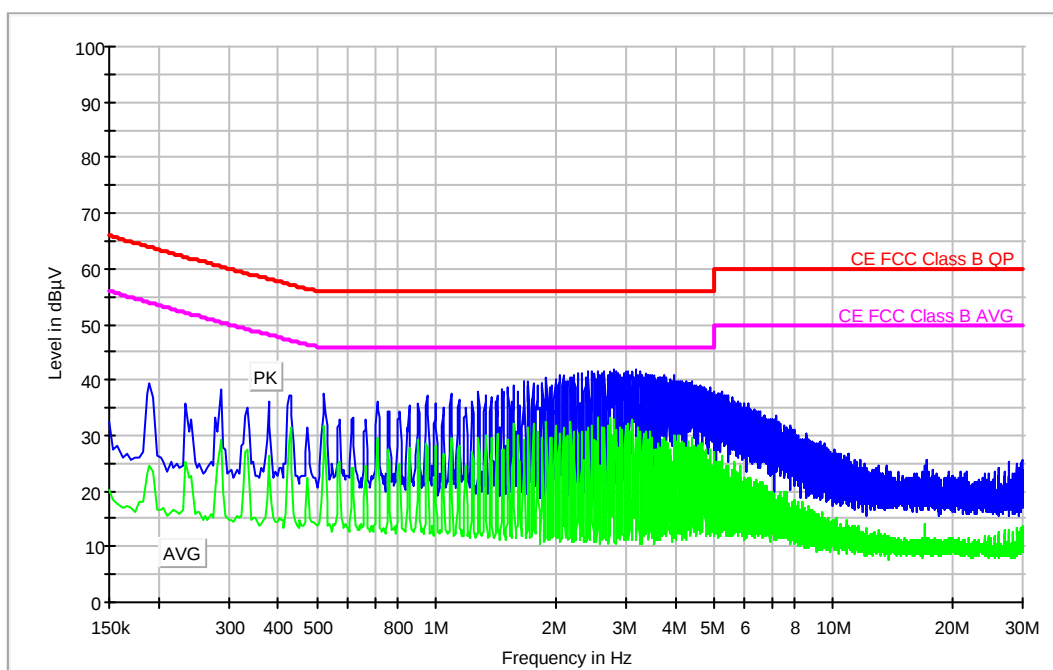
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 2.322000        | 42.8                      | 30.8                      |
| 2.698000        | 42.6                      | 29.7                      |
| 2.558000        | 42.4                      | 30.8                      |
| 3.258000        | 42.3                      | 25.0                      |
| 2.462000        | 42.3                      | 29.7                      |
| 2.654000        | 42.3                      | 28.6                      |
| 2.410000        | 42.2                      | 29.3                      |
| 2.890000        | 42.2                      | 28.6                      |
| 2.602000        | 42.2                      | 31.4                      |
| 2.838000        | 42.2                      | 22.6                      |

Continuous Conducted emission : CC0416L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/04  
 Operation mode: OM#16  
 Date: 2010-11-10 13:43  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE Satellite mode. BT External Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

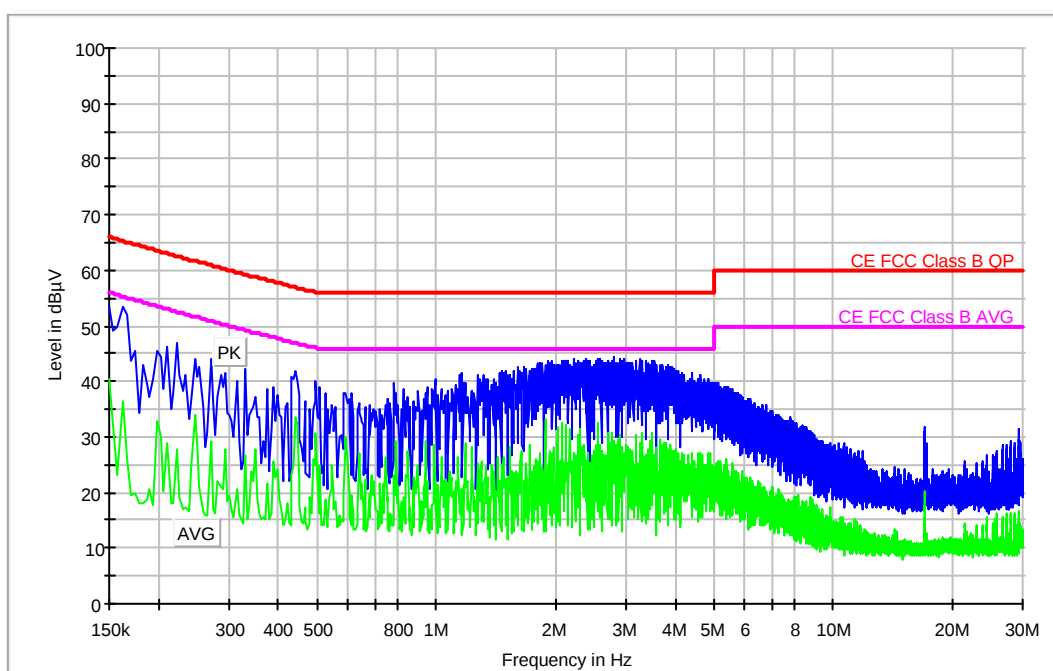
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 2.798000        | 41.9                      | 32.8                      |
| 3.182000        | 41.8                      | 29.5                      |
| 2.650000        | 41.6                      | 27.2                      |
| 2.990000        | 41.6                      | 31.7                      |
| 3.130000        | 41.5                      | 32.9                      |
| 2.842000        | 41.5                      | 31.1                      |
| 2.418000        | 41.5                      | 30.5                      |
| 2.466000        | 41.5                      | 31.8                      |
| 3.034000        | 41.5                      | 32.0                      |
| 2.754000        | 41.5                      | 33.2                      |

Continuous Conducted emission : CC04340N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/04  
 Operation mode: OM#34  
 Date: 2010-11-09 20:56  
 Setup: EMI conducted  
 Mode: EUT ON. TCH Satellite. Bluetooth ON. External Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Clase B ESPI CC5



## Max PK-AVG

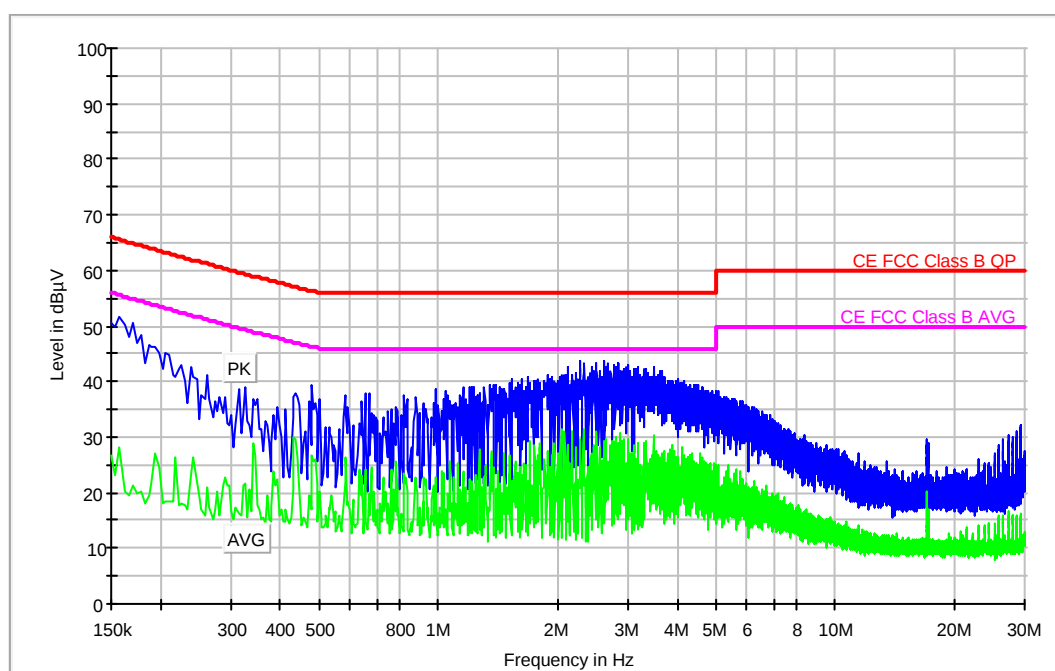
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 30.000000       | 25.9                      | 12.0                      |         |
| 29.998000       | 24.2                      | 11.9                      |         |
| 29.994000       | 22.7                      | 11.2                      |         |
| 29.990000       | 19.1                      | 10.6                      |         |
| 29.986000       | 23.0                      | 12.0                      |         |
| 29.982000       | 20.0                      | 10.1                      |         |
| 29.978000       | 23.5                      | 10.8                      |         |
| 29.974000       | 20.6                      | 10.6                      |         |
| 29.970000       | 25.5                      | 12.8                      |         |
| 29.966000       | 20.0                      | 10.5                      |         |

Continuous Conducted emission : CC0434L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/04  
 Operation mode: OM#34  
 Date: 2010-11-09 20:59  
 Setup: EMI conducted  
 Mode: EUT ON. TCH Satellite. Bluetooth ON. External Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Clase B ESPI CC5



## Max PK-AVG

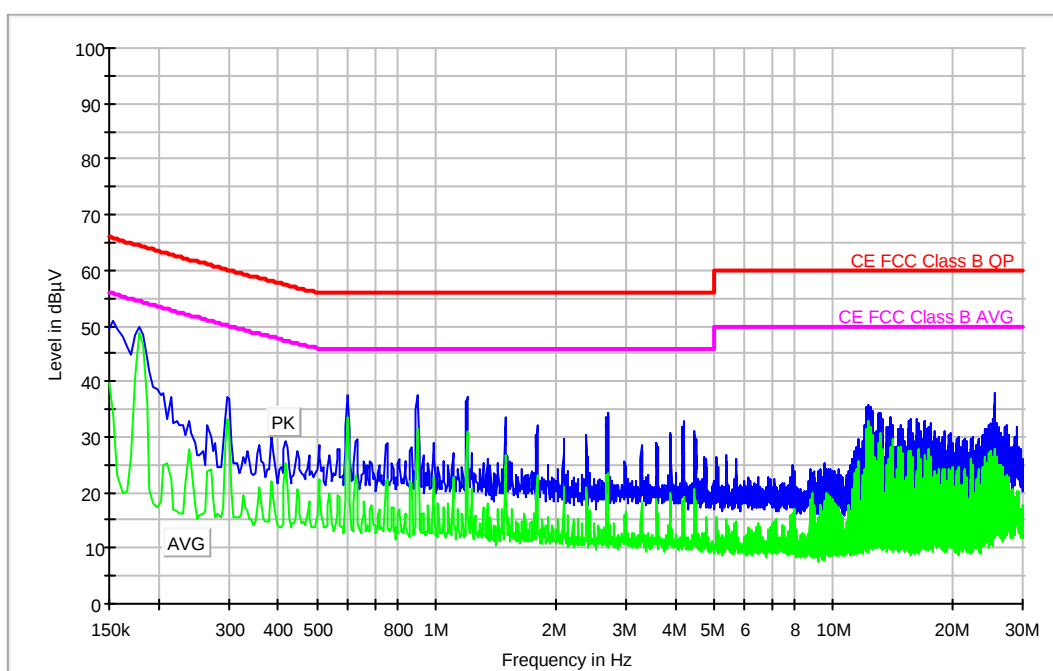
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 30.000000       | 26.1                      | 12.9                      |         |
| 29.998000       | 22.5                      | 10.4                      |         |
| 29.994000       | 22.6                      | 11.9                      |         |
| 29.990000       | 23.3                      | 11.3                      |         |
| 29.986000       | 22.6                      | 11.9                      |         |
| 29.982000       | 27.3                      | 10.7                      |         |
| 29.978000       | 23.7                      | 12.0                      |         |
| 29.974000       | 26.5                      | 12.0                      |         |
| 29.970000       | 24.0                      | 11.4                      |         |
| 29.966000       | 24.2                      | 12.0                      |         |

Continuous Conducted emission : CC03140N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#14  
 Date: 2010-11-10 13:12  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in USB mode.

## EC FCC Clase B ESU CC5



## Max PK-AVG

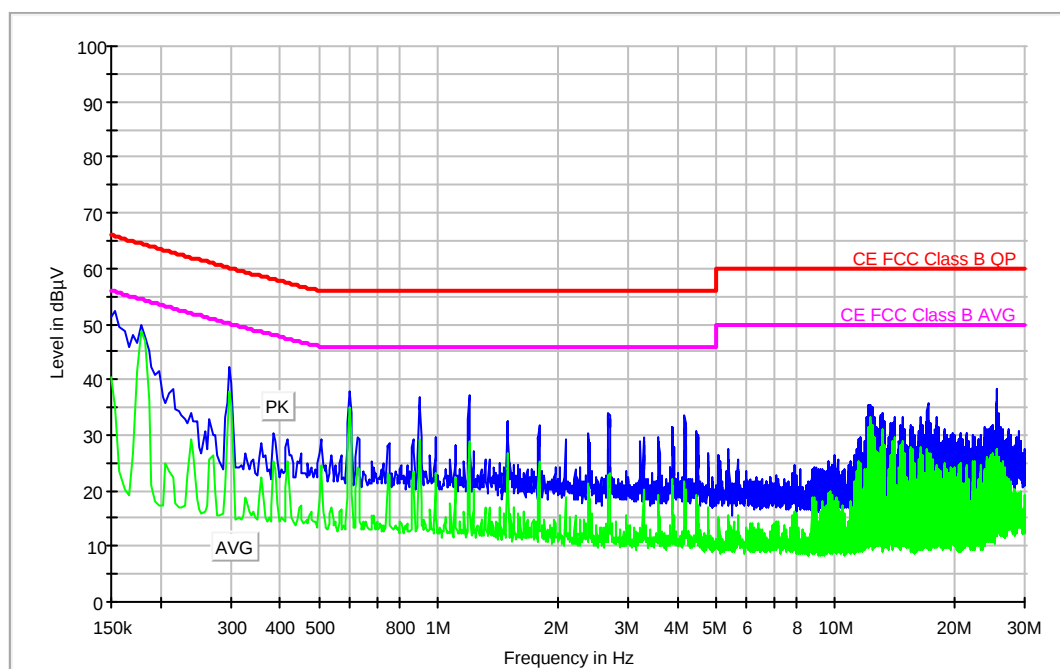
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 0.154000        | 50.9                      | 34.2                      |
| 0.178000        | 49.6                      | 48.6                      |
| 0.158000        | 49.4                      | 23.1                      |
| 0.150000        | 49.3                      | 39.6                      |
| 0.182000        | 48.4                      | 46.4                      |
| 0.174000        | 48.3                      | 40.9                      |
| 0.162000        | 48.0                      | 20.0                      |
| 0.166000        | 46.4                      | 20.1                      |
| 0.170000        | 44.8                      | 26.2                      |
| 0.186000        | 44.2                      | 36.2                      |

Continuous Conducted emission : CC0314L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#14  
 Date: 2010-11-10 13:17  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply in USB mode.

## EC FCC Clase B ESU CC5



## Max PK-AVG

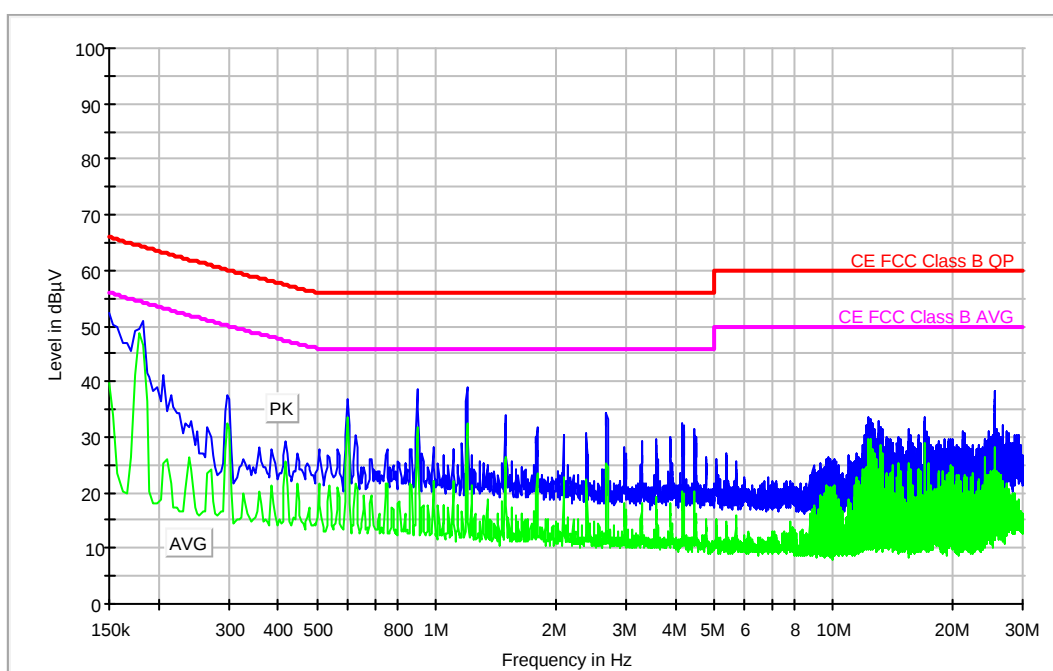
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 0.154000        | 52.3                      | 34.9                      |
| 0.150000        | 51.4                      | 40.6                      |
| 0.178000        | 49.8                      | 48.9                      |
| 0.158000        | 49.5                      | 23.3                      |
| 0.162000        | 48.6                      | 20.2                      |
| 0.170000        | 48.1                      | 26.6                      |
| 0.182000        | 47.7                      | 46.8                      |
| 0.174000        | 46.5                      | 41.4                      |
| 0.166000        | 46.0                      | 19.2                      |
| 0.186000        | 45.3                      | 36.4                      |

Continuous Conducted emission : CC03320N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#32  
 Date: 2010-11-10 13:08  
 Setup: EMI conducted  
 Mode: EUT ON. TCH Satellite. Bluetooth ON. Internal Antenna. Power supply in USB mode. Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

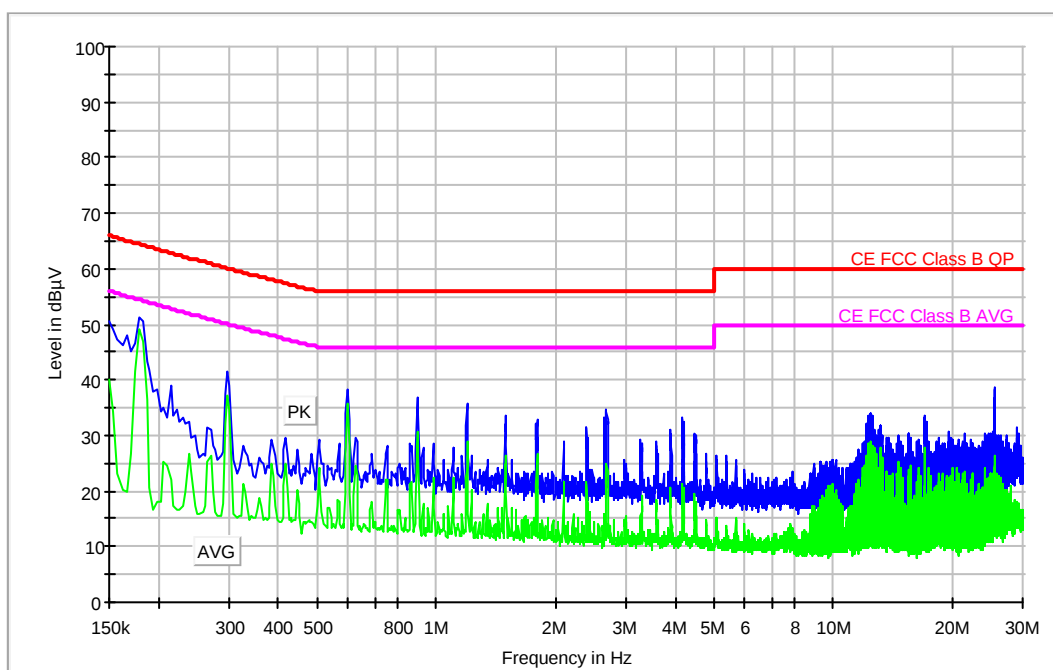
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 0.150000        | 52.5                      | 39.8                      |
| 0.182000        | 50.8                      | 46.6                      |
| 0.154000        | 50.1                      | 33.8                      |
| 0.158000        | 49.7                      | 23.4                      |
| 0.178000        | 49.5                      | 48.7                      |
| 0.174000        | 49.0                      | 41.0                      |
| 0.166000        | 47.0                      | 19.7                      |
| 0.162000        | 46.9                      | 20.1                      |
| 0.170000        | 45.6                      | 26.2                      |
| 0.186000        | 41.4                      | 36.4                      |

Continuous Conducted emission : CC0332L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/03  
 Operation mode: OM#32  
 Date: 2010-11-10 13:03  
 Setup: EMI conducted  
 Mode: EUT ON. TCH Satellite. Bluetooth ON. Internal Antenna. Power supply in USB mode. Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

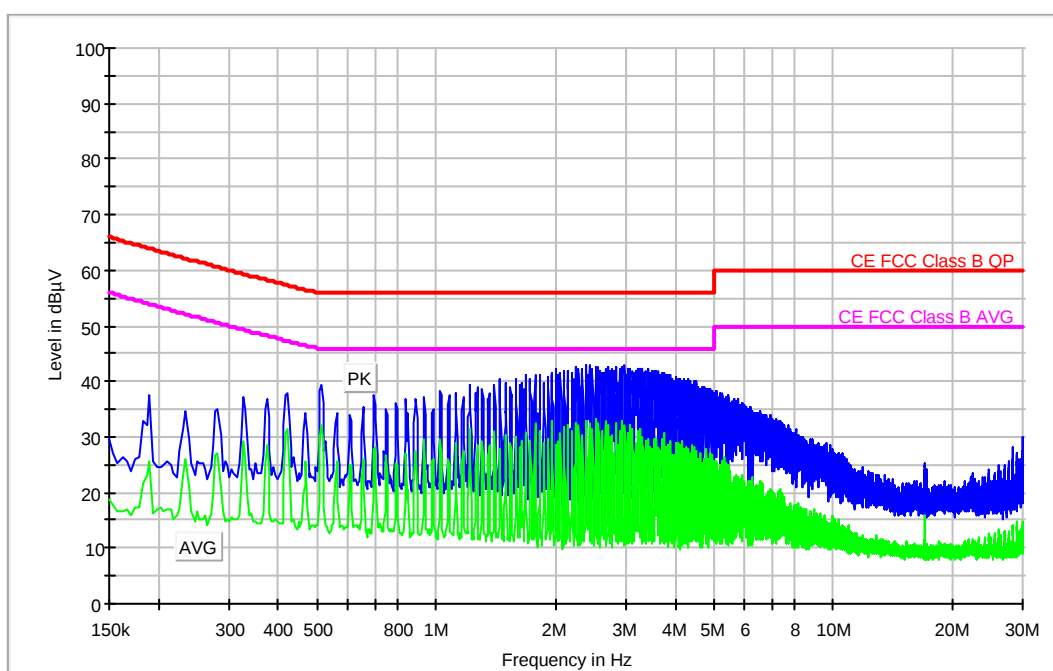
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 0.178000        | 51.2                      | 49.0                      |
| 0.182000        | 50.7                      | 47.0                      |
| 0.150000        | 50.5                      | 39.9                      |
| 0.154000        | 49.0                      | 34.2                      |
| 0.166000        | 47.9                      | 19.8                      |
| 0.158000        | 47.2                      | 23.2                      |
| 0.174000        | 46.4                      | 41.5                      |
| 0.162000        | 46.1                      | 20.3                      |
| 0.170000        | 45.1                      | 26.5                      |
| 0.186000        | 43.4                      | 36.6                      |

Continuous Conducted emission : CC01130N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#13  
 Date: 2010-11-10 13:57  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

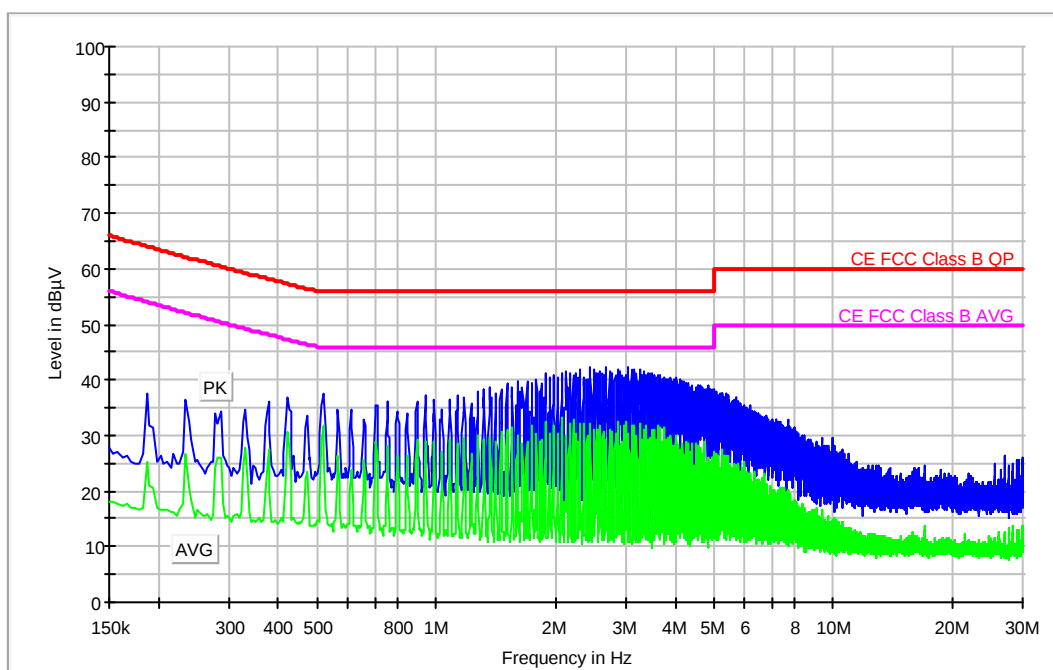
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 2.382000        | 43.0                      | 32.9                      |
| 2.986000        | 42.9                      | 32.1                      |
| 2.426000        | 42.9                      | 32.4                      |
| 2.242000        | 42.7                      | 32.7                      |
| 2.566000        | 42.5                      | 32.4                      |
| 2.706000        | 42.5                      | 32.0                      |
| 2.846000        | 42.5                      | 32.5                      |
| 2.942000        | 42.5                      | 32.7                      |
| 2.522000        | 42.4                      | 33.2                      |
| 2.662000        | 42.4                      | 32.8                      |

Continuous Conducted emission : CC0113L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#13  
 Date: 2010-11-10 13:59  
 Setup: EMI conducted  
 Mode: EUT ON. IDLE Satellite mode. BT Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

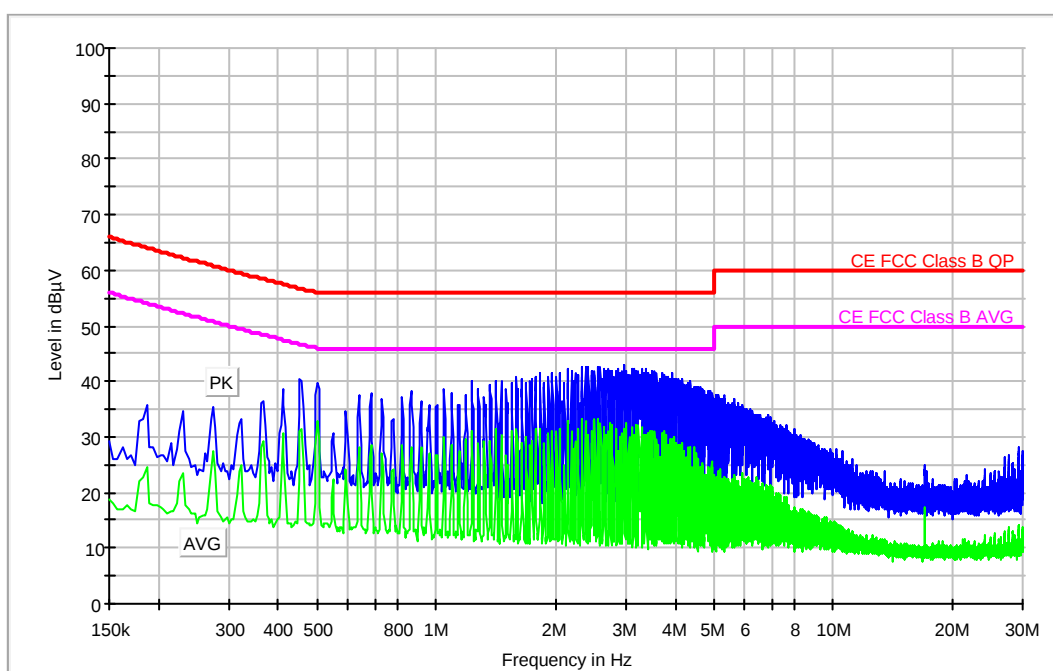
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 2.682000        | 42.2                      | 29.4                      |
| 2.446000        | 42.1                      | 32.3                      |
| 3.054000        | 42.1                      | 30.2                      |
| 2.870000        | 41.9                      | 32.4                      |
| 2.866000        | 41.9                      | 28.6                      |
| 3.246000        | 41.9                      | 32.3                      |
| 3.098000        | 41.8                      | 25.9                      |
| 2.490000        | 41.8                      | 30.9                      |
| 2.306000        | 41.7                      | 32.2                      |
| 3.150000        | 41.7                      | 31.7                      |

Continuous Conducted emission : CC01310N

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#31  
 Date: 2010-11-10 14:04  
 Setup: EMI conducted  
 Mode: EUT ON. TCH Satellite. Bluetooth ON. Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

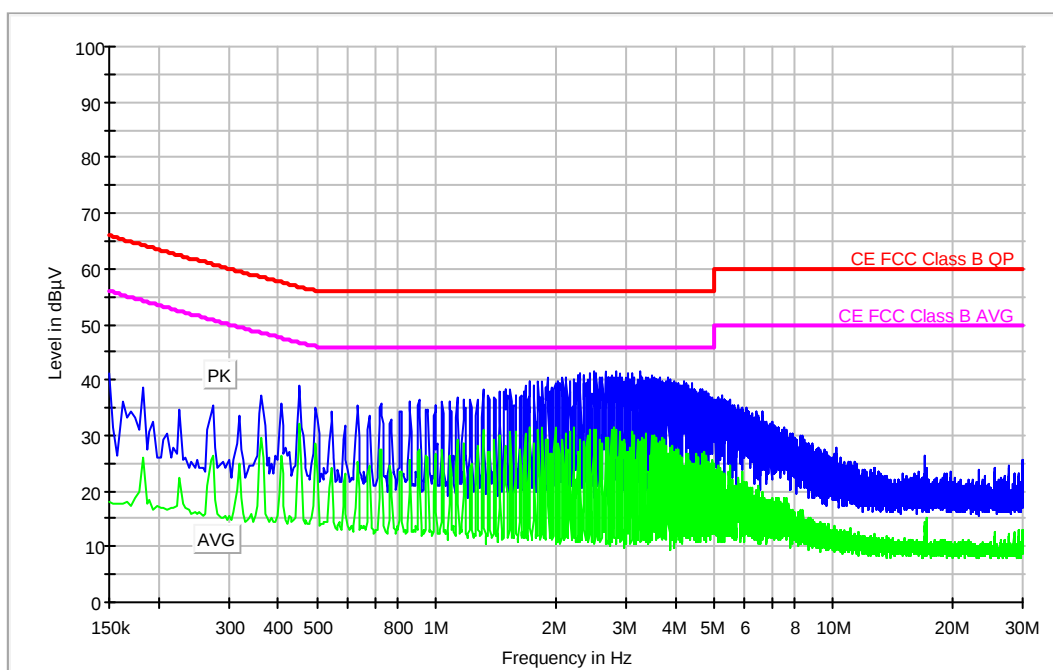
| Frequency (MHz) | MaxPeak-ClearWrite (dBμV) | Average-ClearWrite (dBμV) |
|-----------------|---------------------------|---------------------------|
| 2.966000        | 42.8                      | 31.5                      |
| 2.598000        | 42.7                      | 32.5                      |
| 2.414000        | 42.5                      | 30.2                      |
| 2.390000        | 42.5                      | 20.0                      |
| 2.326000        | 42.5                      | 33.2                      |
| 2.554000        | 42.5                      | 33.0                      |
| 2.142000        | 42.3                      | 32.9                      |
| 2.642000        | 42.3                      | 31.8                      |
| 2.878000        | 42.3                      | 27.3                      |
| 3.370000        | 42.2                      | 29.8                      |

Continuous Conducted emission : CC0131L1

Detector : Peak / Average / Cuasi-peak

Project: 32459rem.002  
 Company: ELEKTROBIT  
 Sample: S/01  
 Operation mode: OM#31  
 Date: 2010-11-10 14:08  
 Setup: EMI conducted  
 Mode: EUT ON. TCH Satellite. Bluetooth ON. Internal Antenna. Power supply AC/DC adapter (115Vac). Headset connected.

## EC FCC Clase B ESU CC5



## Max PK-AVG

| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) |
|-----------------|---------------------------|---------------------------|
| 2.662000        | 41.7                      | 26.2                      |
| 3.258000        | 41.6                      | 28.7                      |
| 2.846000        | 41.5                      | 31.0                      |
| 2.486000        | 41.5                      | 31.2                      |
| 2.442000        | 41.3                      | 31.2                      |
| 2.670000        | 41.2                      | 29.7                      |
| 2.890000        | 41.2                      | 30.6                      |
| 0.150000        | 41.1                      | 18.2                      |
| 2.530000        | 41.1                      | 30.9                      |
| 3.046000        | 41.1                      | 24.0                      |