

AT4 wireless S.A.

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Folio 174 Hoja MA3729

TEST REPORT

REFERENCE STANDARD:

FCC Rules and Regulations 47 CFR Part 15, Subpart B

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

| | |
|--|--|
| NIE : | 29609REM.003 |
| Approved by (name / position & signature) | Rafael López EMC Manager |
| Elaboration date | 2009-10-02 |
| Identification of item tested | TM1Q |
| Trademark | Teltonika |
| Model and/or type reference | GM1200 |
| Other identification of the product | S/N: 00426293, 00426295, 00426296, 00543465, 00543466 & 00543468 HW version: GM1200_02 SW version: VilniusSMD 05.94.01 |
| Features | GPRS Class 10 |
| Description | Quadband GSM/GPRS module |
| Applicant | TELTONIKA JSC |
| Address..... : | Saltoniskiu str. 10c. ZIP: LT-08105 Vilnius. Lithuania. |
| CIF/NIF/Passport..... : | ID 124429895 / VAT N°. LT244298917 |
| Contact person..... : | Miroslav Cikiliov |
| Telephone / Fax | +370 699 52377 |
| e-mail: | miroslav.cikiliov@teltonika.lt |

| | |
|--|--|
| Test samples supplier | TELTONIKA JSC |
| Address..... | Saltoniskiu str. 10c. ZIP: LT-08105 Vilnius. Lithuania. |
| CIF/NIF/Passport | ID 124429895 / VAT N°. LT244298917 |
| Contact person:..... | Miroslav Cikiliov |
| Telephone / Fax | +370 699 52377 |
| e-mail: | miroslav.cikiliov@teltonika.lt |
| Manufacturer | TELTONIKA JSC |
| Address..... | Saltoniskiu str. 10c. ZIP: LT-08105 Vilnius. Lithuania. |
| CIF/NIF/Passport | ID 124429895 / VAT N°. LT244298917 |
| Telephone / Fax | +370 699 52377 |
| Test method requested | |
| Standard | FCC Rules and Regulations 47 CFR Part 15 & IC RSS-Gen Issue 2, June 2007 |
| Test procedure..... | PEEM001; PEEM002 |
| Report template No. | FDT08_11 |
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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: TECTONIKA JSC

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> |
|-------------------|----------------------------------|---------------------|---------------------|------------------|--------------------------|
| 29609/01 | Quadband GSM/GPRS module | TELTONIKA JSC | TM1Q | 354330030000056 | 2009-04-22 |
| 29609/02 | Switching AC/DC Power Adapter | GEC | SYS1193- 0909W2E | G07025017657 | 2009-04-22 |
| 29609/11 | Earphones | --- | --- | --- | 2009-04-22 |
| 29609/13 | Antenna | --- | --- | --- | 2009-04-22 |

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

1. Continuous conducted emission, power leads:
Standard: FCC Rules and Regulations 47 CFR Part 15
Method: FCC Rules and Regulations 47 CFR Part 15, Subpart B (Class B) 2, June 2007
2. Radiated emission, electromagnetic field:
Standard: FCC Rules and Regulations 47 CFR Part 15
Method: FCC Rules and Regulations 47 CFR Part 15, Subpart B (Class B)

Testing period

The performed test started on 2009-07-03 and finished on the 2009-07-17.

The tests have been performed at AT4 wireless.

Environmental conditions

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

| | |
|-------------------------------|------------------------------|
| Temperature | Min. = 15 °C Max. = 35 °C |
| Relative humidity | Min. = 20 % Max. = 80 % |
| Shielding effectiveness | > 100 dB |
| Electric insulation | > 10 kΩ |
| Reference resistance to earth | < 0,5 Ω |

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 Max. = 30 °C |
| Relative humidity | Min. = 45 % Max. = 60 % |
| Air pressure | Min. = 860 mbar Max. = 1060 mbar |
| Shielding effectiveness | > 100 dB |
| Electric insulation | > 10 kΩ |
| Reference resistance to earth | < 0,5 Ω |
| Normal site attenuation (NSA) | < ±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 Max. = 30 °C |
| Relative humidity | Min. = 45 % Max. = 60 % |
| Air pressure | Min. = 860 mbar Max. = 1060 mbar |
| Shielding effectiveness | > 100 dB |
| Electric insulation | > 10 kΩ |
| Reference resistance to earth | < 0,5 Ω |

Summary

Considering the results of the performed test according to standard **FCC Rules and Regulations 47 CFR Part 15, Subpart B**, 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: José Manuel Marquez González & Domingo Galvez.

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:

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DESCRIPTION OF THE OPERATION MODES

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

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. |
| OM#02 | EUT ON. IDLE 1900 MHz. |
| OM#03 | EUT ON. TCH 850 MHz. |
| OM#04 | EUT ON. TCH 1900 MHz. |

RADIATED EMISSION. ELECTROMAGNETIC FIELD MEASURE.

| | | |
|----------------|--------------------|--|
| LIMITS: | Product standard : | FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B. |
| | Test standard : | FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B. |

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 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 (MHz) | Limit for 3 m ($\mu\text{V/m}$) | Limit for 3 m (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 |

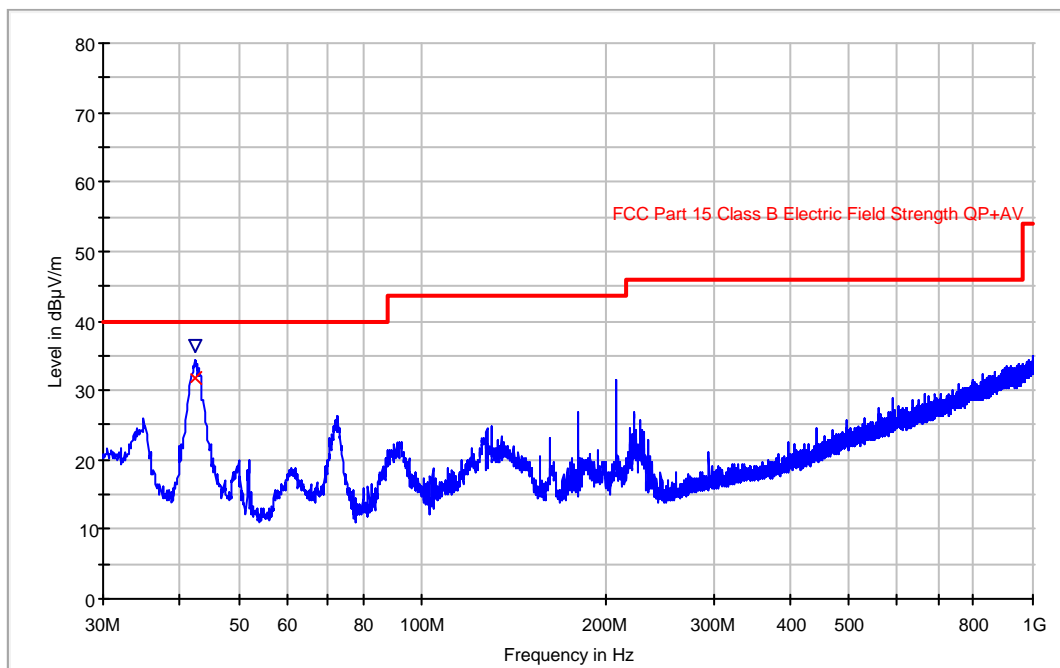
| | |
|--------------------------------|--|
| TESTED SAMPLES: | S/01 |
| TESTED OPERATION MODES: | OM#01 & 02 |
| TEST RESULTS : | CRmmnn: CR, Radiation Condition; mm: Sample number; nn: Operation mode, xx: Polarisation. |

| CRmmnn | Description | Result |
|----------|--|--------|
| CR0101 | EUT ON. Idle 850 MHz. Range 30 - 1000 MHz. | P |
| CR0102 | EUT ON. Idle 1900 MHz. Range 30 - 1000 MHz. | P |
| CR0101PH | EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Horizontal polarisation | P |
| CR0101PV | EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Vertical polarisation. | P |
| CR0102PH | EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Horizontal polarisation | P |
| CR0102PV | EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Vertical polarisation. | P |

Radiated Emission: CR0101 (30MHz to 1GHz)

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#01
 Date: 2009-07-03 19:23
 Setup: EMI radiated
 Mode: EUT ON. IDLE 850MHz. Charging battery.

FCC class B Bilog Hibrid



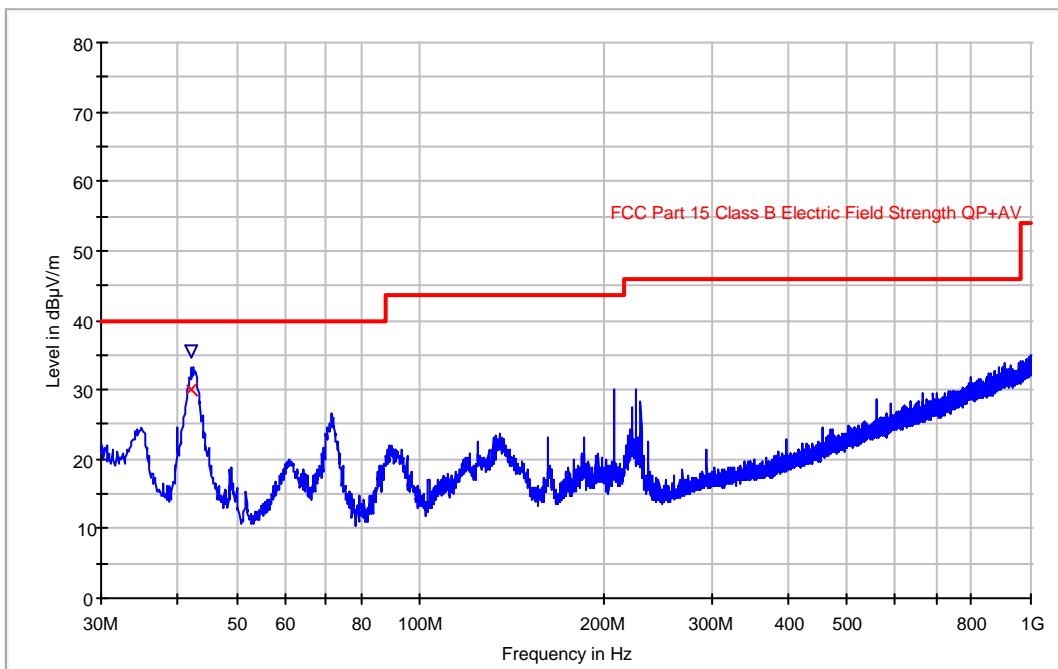
Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 42.482766 | 31.7 | 36.5 | 98.00 | V | 170.0 |

Radiated Emission: CR0102 (30MHz to 1GHz)

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#02
 Date: 2009-07-03 18:55
 Setup: EMI radiated
 Mode: EUT ON. IDLE 1900MHz. Charging battery.

FCC class B Bilog Hibrid



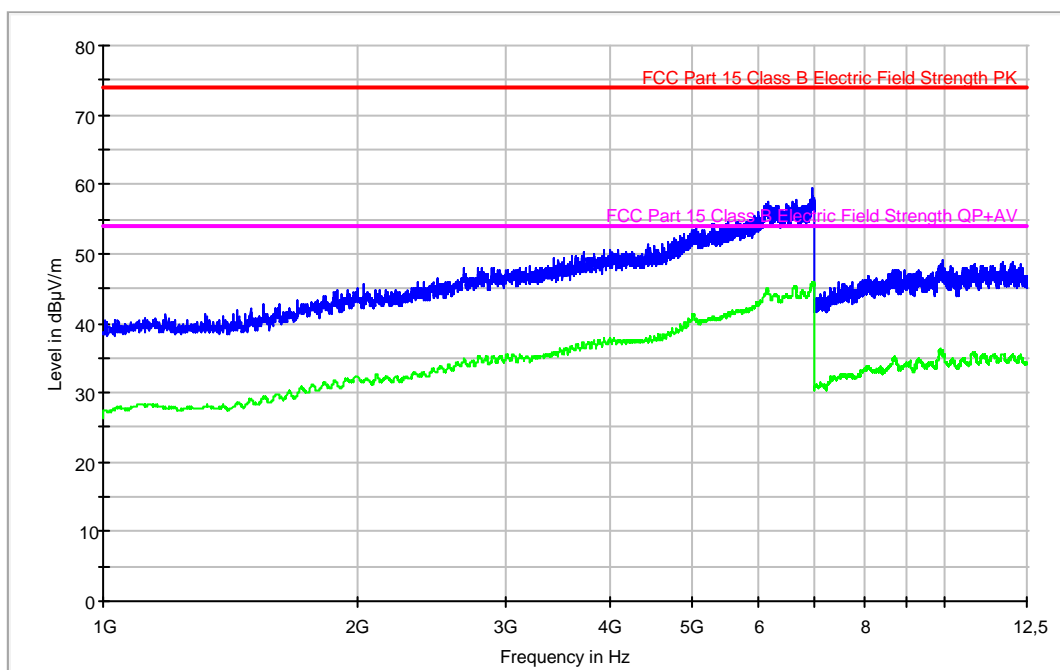
Maximized

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Antenna height (cm) | Polarity | Turntable position (deg) |
|-----------------|--------------------|------------------|---------------------|----------|--------------------------|
| 42.274549 | 29.9 | 35.6 | 121.00 | V | 316.0 |

Radiated Emission: CR0101 (1GHz to 12.5GHz Horizontal polarisation)

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#01
 Date: 2009-07-03 17:23
 Setup: EMI radiated
 Mode: EUT ON. IDLE 850MHz. Horizontal polarization.

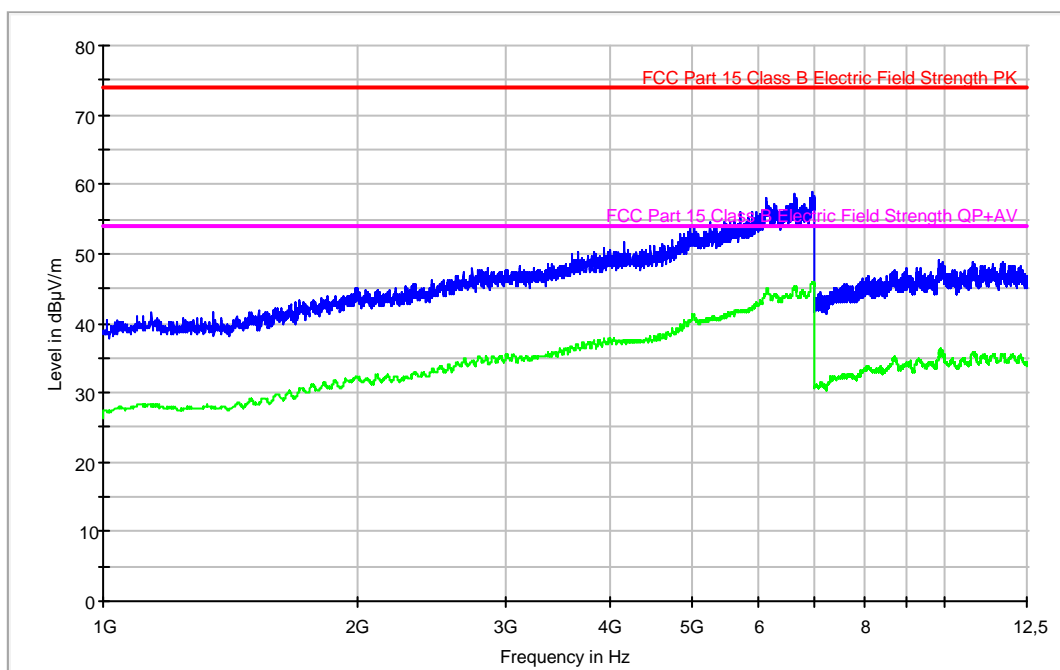
FCC 1-12.5GHz class B



Radiated Emission: CR0101 (1GHz to 12.5GHz Vertical polarisation)

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#01
 Date: 2009-07-03 17:27
 Setup: EMI radiated
 Mode: EUT ON. IDLE 850MHz. Vertical polarization.

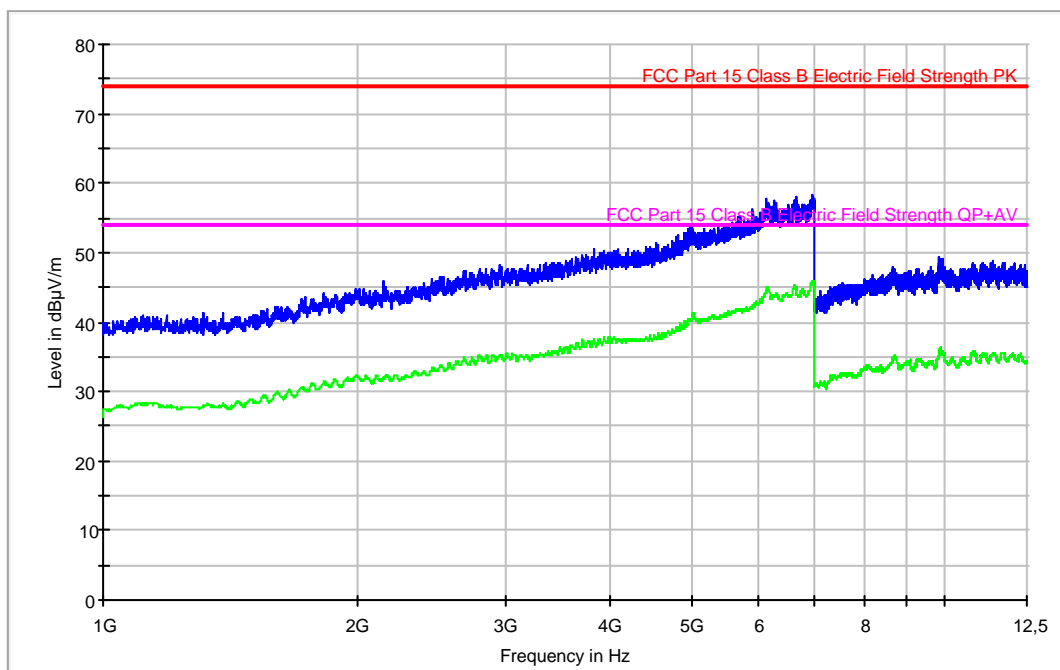
FCC 1-12.5GHz class B



Radiated Emission: CR0102 (1GHz to 12.5GHz Horizontal polarisation)

Project: 29609REM.003
Company: TELTONIKA
Sample: S/01
Operation Mode: OM#02
Date: 2009-07-03 17:37
Setup: EMI radiated
Mode: EUT ON. IDLE 1900MHz. Horizontal polarization.

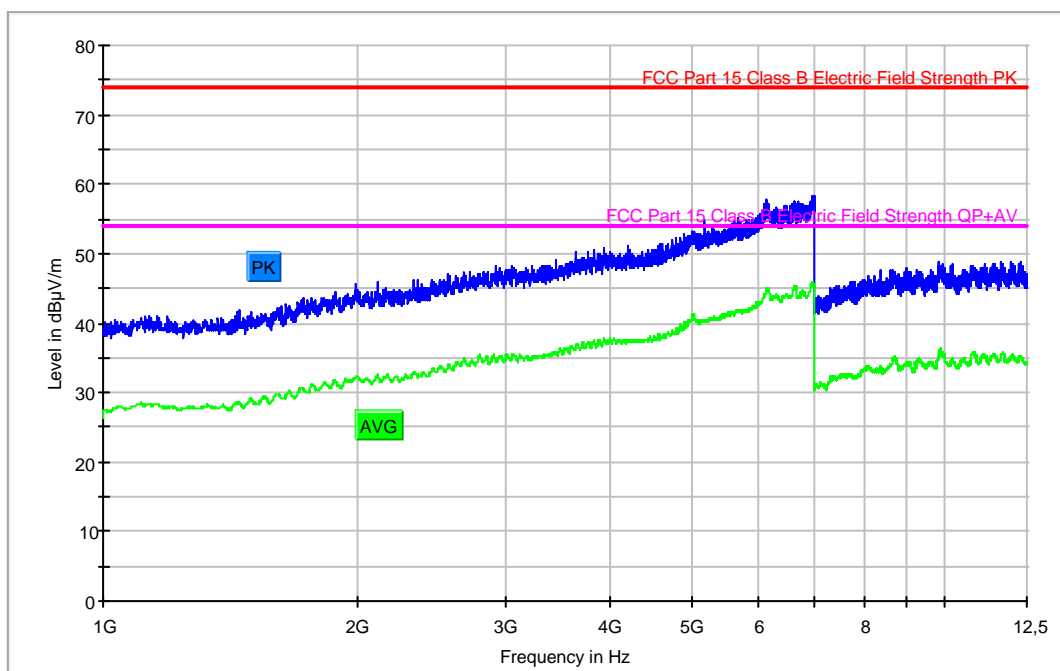
FCC 1-12.5GHz class B



Radiated Emission: CR0102 (1GHz to 12.5GHz Vertical polarisation)

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#02
 Date: 2009-07-03 17:33
 Setup: EMI radiated
 Mode: EUT ON. IDLE 1900MHz. Vertical polarization.

FCC 1-12.5GHz class B



CONTINUOUS CONDUCTED EMISSION ON POWER LEADS

| | | |
|----------------|--------------------|--|
| LIMITS: | Product standard : | FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B. |
| | Test standard : | FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B. |

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 in the frequency range 0,15 to 30 MHz, for Class B equipment was:

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

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

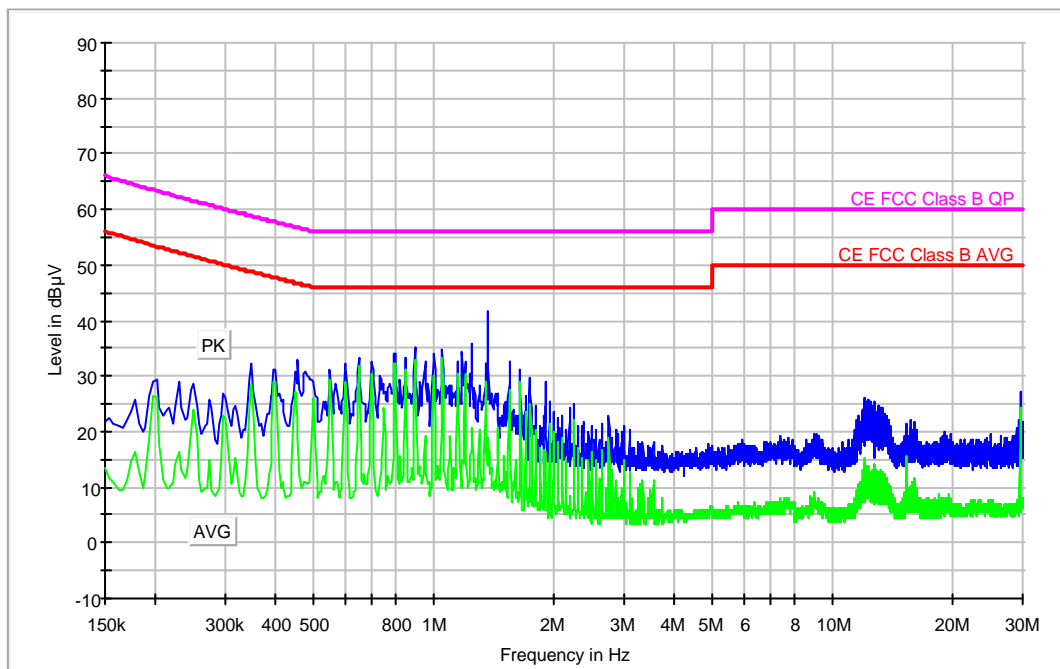
| CCmnnhh | Description | Result |
|----------|---------------------|--------|
| CC0101PO | Positive wire noise | P |
| CC0101NE | Negative wire noise | P |
| CC0102PO | Positive wire noise | P |
| CC0102NE | Negative wire noise | P |
| CC0103PO | Positive wire noise | P |
| CC0103NE | Negative wire noise | P |
| CC0104PO | Positive wire noise | P |
| CC0104NE | Negative wire noise | P |

Continuous Conducted emission : CC0101PO

Detector : Peak / Average / Cuasi-peak

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#01
 Date: 2009-07-17 20:53
 Setup: EMI conducted
 Mode: EUT ON. IDLE 850MHz. Positive noise.

EC FCC Class B ESIB26 CC



Max PK-AVG

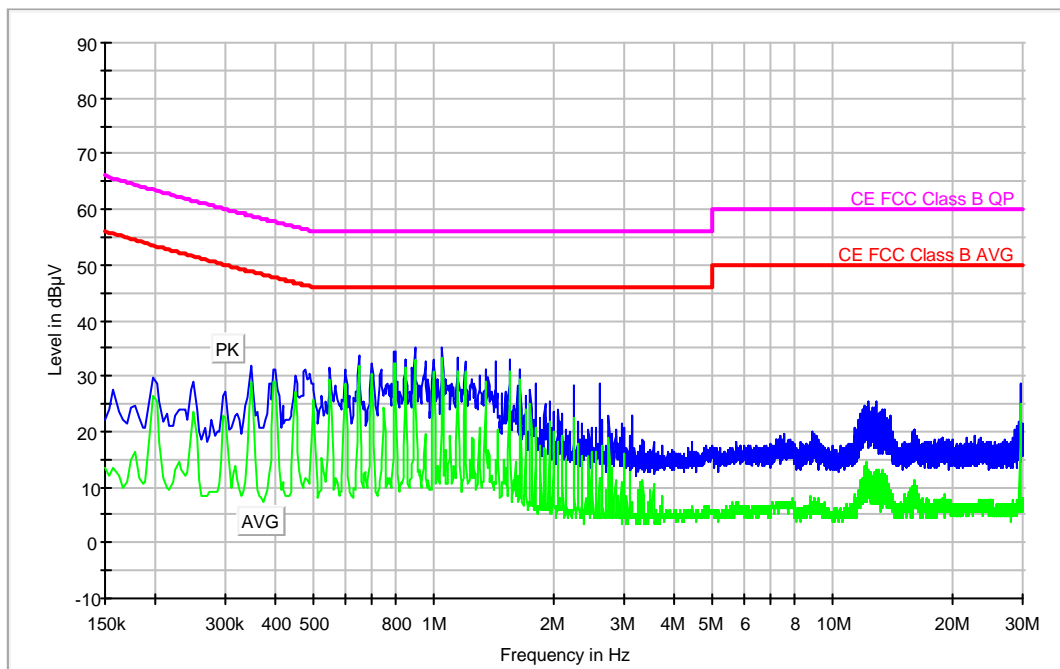
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 0.650000 | 33.4 | 31.8 | |
| 0.798000 | 34.2 | 32.2 | |
| 0.802000 | 34.0 | 32.3 | |
| 0.850000 | 33.2 | 31.3 | |
| 0.898000 | 34.9 | 32.9 | |
| 0.902000 | 35.3 | 32.9 | |
| 1.002000 | 34.2 | 29.3 | |
| 1.050000 | 34.9 | 33.2 | |
| 1.182000 | 34.3 | 14.8 | |
| 1.246000 | 36.0 | 20.7 | |
| 1.366000 | 35.3 | 16.5 | |
| 1.370000 | 41.8 | 18.7 | |

Continuous Conducted emission : CC0101NE

Detector : Peak / Average / Cuasi-peak

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#01
 Date: 2009-07-17 20:57
 Setup: EMI conducted
 Mode: EUT ON. IDLE 850MHz. Negative noise.

EC FCC Class B ESIB26 CC



Max PK-AVG

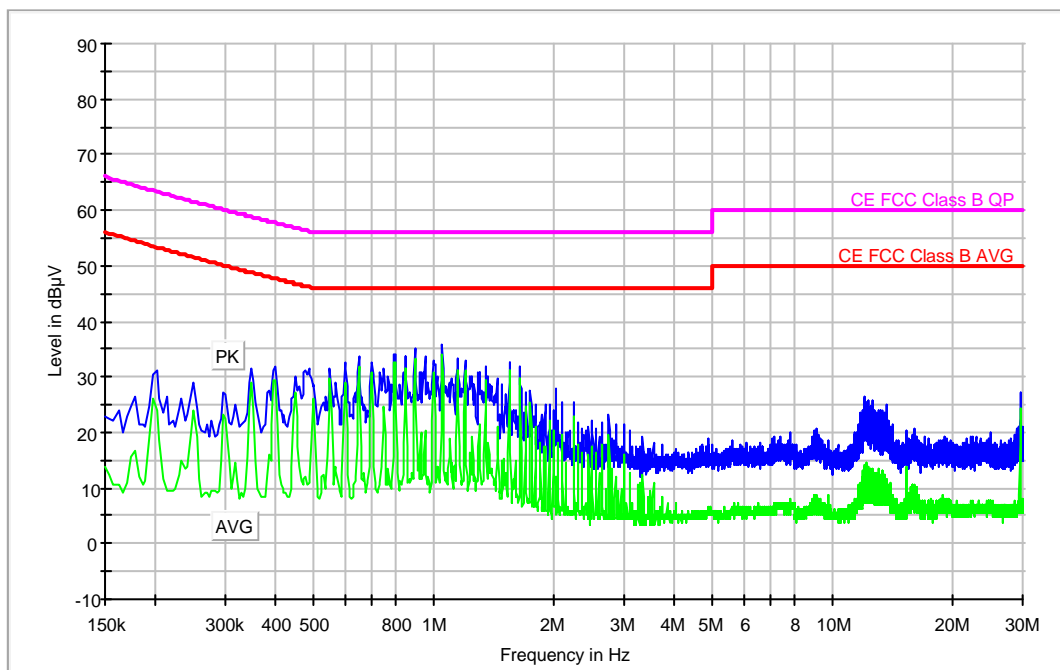
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 0.650000 | 33.6 | 31.8 | |
| 0.798000 | 34.3 | 32.1 | |
| 0.802000 | 34.6 | 32.4 | |
| 0.850000 | 33.0 | 31.3 | |
| 0.898000 | 35.0 | 33.1 | |
| 0.902000 | 34.7 | 33.0 | |
| 0.954000 | 32.7 | 16.7 | |
| 0.998000 | 33.0 | 30.6 | |
| 1.050000 | 35.3 | 33.4 | |
| 1.150000 | 33.2 | 30.7 | |
| 1.202000 | 32.7 | 30.8 | |
| 1.550000 | 32.8 | 30.7 | |

Continuous Conducted emission : CC0102PO

Detector : Peak / Average / Cuasi-peak

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#02
 Date: 2009-07-17 21:08
 Setup: EMI conducted
 Mode: EUT ON. IDLE 1900MHz. Positive noise.

EC FCC Class B ESIB26 CC



Max PK-AVG

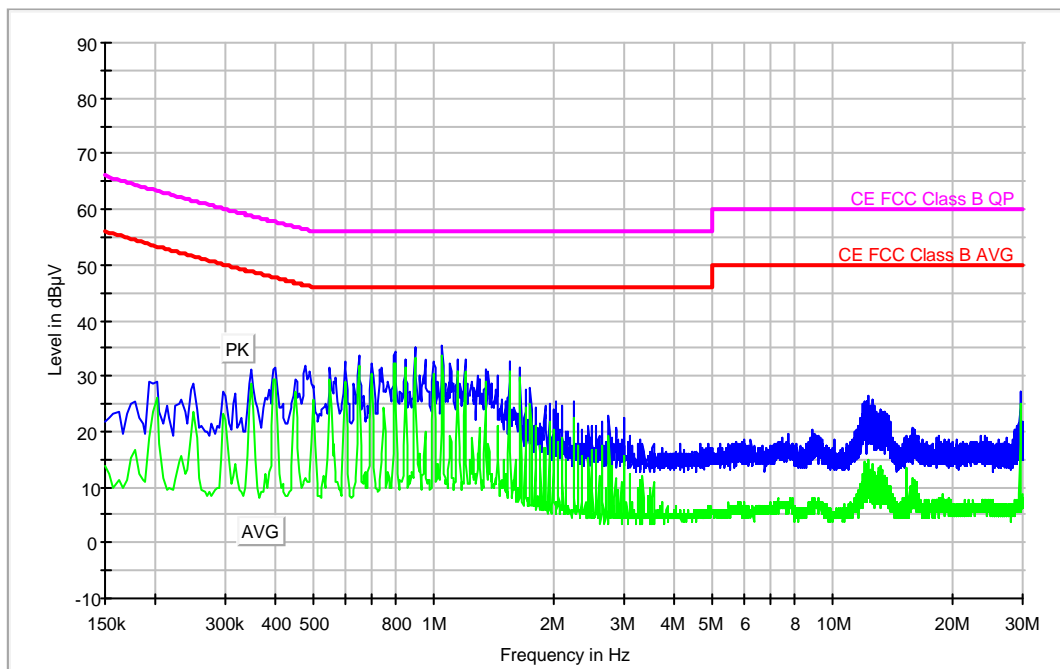
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 0.650000 | 33.6 | 31.8 | |
| 0.798000 | 34.2 | 32.5 | |
| 0.802000 | 34.2 | 32.7 | |
| 0.850000 | 33.8 | 31.6 | |
| 0.898000 | 35.0 | 33.5 | |
| 0.902000 | 35.0 | 33.2 | |
| 0.950000 | 33.6 | 20.4 | |
| 0.954000 | 33.6 | 17.1 | |
| 1.050000 | 35.8 | 33.9 | |
| 1.150000 | 33.2 | 31.1 | |
| 1.198000 | 33.1 | 31.0 | |
| 1.202000 | 33.0 | 31.2 | |

Continuous Conducted emission : CC0102NE

Detector : Peak / Average / Cuasi-peak

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#02
 Date: 2009-07-17 21:03
 Setup: EMI conducted
 Mode: EUT ON. IDLE 1900MHz. Negative noise.

EC FCC Class B ESIB26 CC



Max PK-AVG

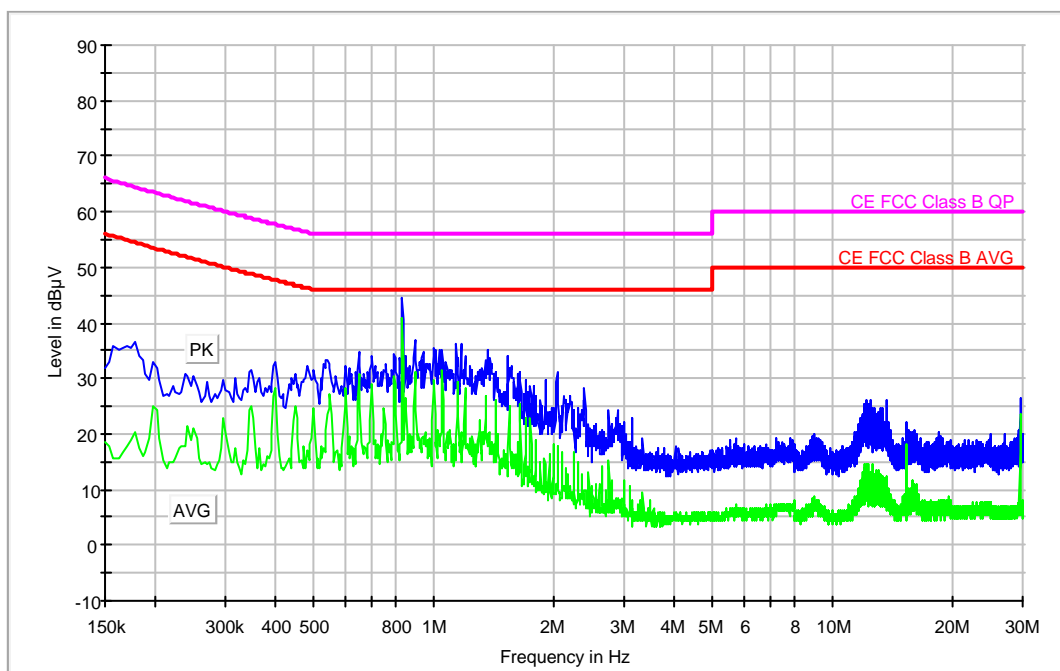
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 0.650000 | 33.6 | 31.7 | |
| 0.798000 | 33.8 | 32.3 | |
| 0.802000 | 34.4 | 32.4 | |
| 0.850000 | 33.1 | 31.3 | |
| 0.898000 | 34.9 | 33.3 | |
| 0.902000 | 35.1 | 33.0 | |
| 0.950000 | 32.8 | 20.0 | |
| 1.050000 | 35.4 | 33.6 | |
| 1.150000 | 32.8 | 30.8 | |
| 1.198000 | 32.7 | 30.6 | |
| 1.202000 | 32.8 | 30.9 | |
| 1.550000 | 32.7 | 30.8 | |

Continuous Conducted emission : CC0103PO

Detector : Peak / Average / Cuasi-peak

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#03
 Date: 2009-07-17 20:41
 Setup: EMI conducted
 Mode: EUT ON. TCH 850MHz. Positive noise.

EC FCC Class B ESIB26 CC



Max PK-AVG

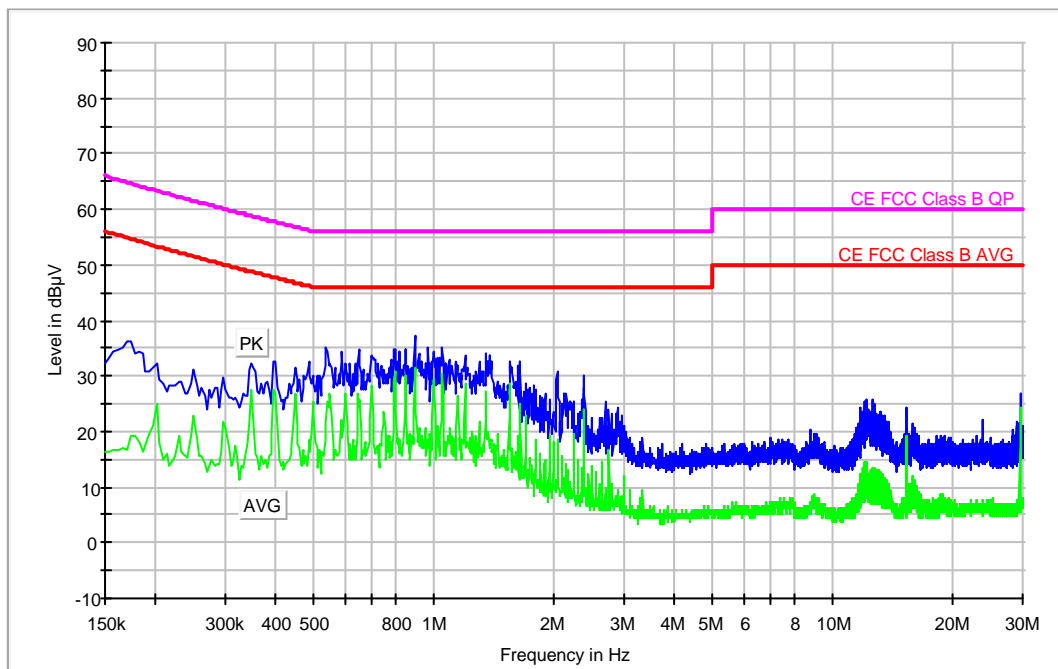
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 0.158000 | 35.7 | 15.8 | |
| 0.166000 | 35.5 | 16.9 | |
| 0.170000 | 36.0 | 17.9 | |
| 0.174000 | 35.5 | 18.9 | |
| 0.178000 | 36.6 | 20.3 | |
| 0.834000 | 44.5 | 41.0 | |
| 0.838000 | 40.7 | 33.0 | |
| 0.898000 | 37.1 | 29.8 | |
| 0.902000 | 37.1 | 31.1 | |
| 1.002000 | 35.4 | 29.6 | |
| 1.142000 | 36.4 | 19.4 | |
| 1.170000 | 36.2 | 20.4 | |

Continuous Conducted emission : CC0103NE

Detector : Peak / Average / Cuasi-peak

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#03
 Date: 2009-07-17 20:45
 Setup: EMI conducted
 Mode: EUT ON. TCH 850MHz. Negative noise.

EC FCC Class B ESIB26 CC



Max PK-AVG

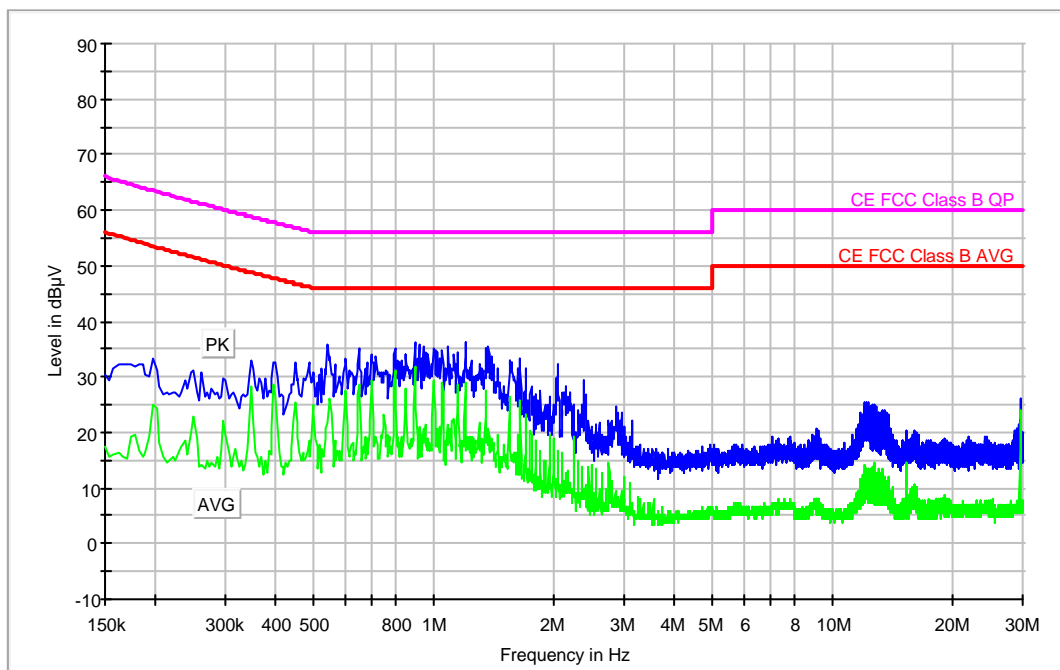
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 0.162000 | 34.7 | 16.9 | |
| 0.166000 | 35.0 | 17.1 | |
| 0.170000 | 36.1 | 16.9 | |
| 0.174000 | 36.4 | 19.1 | |
| 0.538000 | 35.3 | 21.4 | |
| 0.650000 | 34.9 | 24.4 | |
| 0.802000 | 34.9 | 30.9 | |
| 0.850000 | 34.7 | 30.2 | |
| 0.898000 | 37.2 | 31.4 | |
| 0.902000 | 35.4 | 29.1 | |
| 0.970000 | 35.0 | 18.6 | |
| 1.050000 | 35.3 | 30.6 | |

Continuous Conducted emission : CC0104PO

Detector : Peak / Average / Cuasi-peak

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#04
 Date: 2009-07-17 20:50
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Positive noise.

EC FCC Class B ESIB26 CC



Max PK-AVG

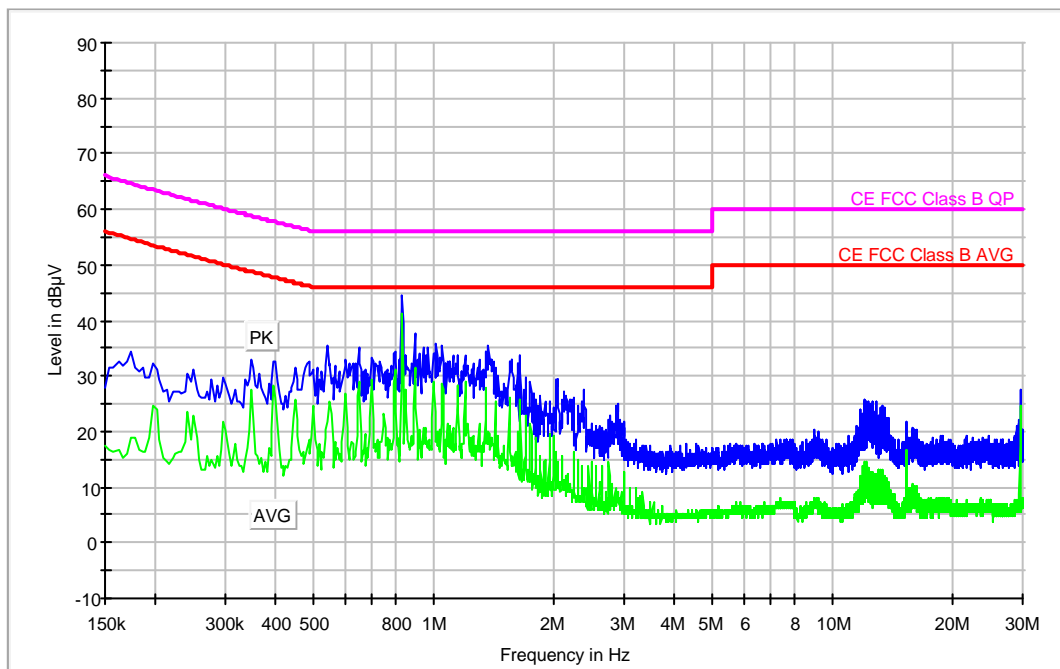
| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 0.542000 | 35.9 | 21.9 | |
| 0.650000 | 35.0 | 28.7 | |
| 0.802000 | 35.0 | 31.2 | |
| 0.898000 | 36.4 | 31.9 | |
| 0.902000 | 35.4 | 27.7 | |
| 0.918000 | 35.9 | 21.2 | |
| 0.942000 | 35.7 | 20.7 | |
| 1.002000 | 35.0 | 28.3 | |
| 1.090000 | 35.4 | 18.0 | |
| 1.202000 | 36.2 | 29.0 | |
| 1.350000 | 35.3 | 27.5 | |
| 1.374000 | 35.4 | 20.7 | |

Continuous Conducted emission : CC0104NE

Detector : Peak / Average / Cuasi-peak

Project: 29609REM.003
 Company: TELTONIKA
 Sample: S/01
 Operation Mode: OM#04
 Date: 2009-07-17 20:48
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Negative noise.

EC FCC Class B ESIB26 CC



Max PK-AVG

| Frequency (MHz) | MaxPeak-ClearWrite (dBµV) | Average-ClearWrite (dBµV) | Comment |
|-----------------|---------------------------|---------------------------|---------|
| 0.542000 | 35.4 | 21.9 | |
| 0.650000 | 35.0 | 29.0 | |
| 0.830000 | 42.3 | 28.5 | |
| 0.834000 | 44.5 | 41.3 | |
| 0.838000 | 39.4 | 29.7 | |
| 0.898000 | 37.8 | 31.4 | |
| 0.902000 | 37.2 | 29.4 | |
| 0.942000 | 35.3 | 20.8 | |
| 0.970000 | 35.0 | 18.0 | |
| 1.014000 | 35.8 | 18.0 | |
| 1.050000 | 35.5 | 28.7 | |
| 1.374000 | 35.4 | 20.0 | |

APPENDIX B: Pictures

