AT4 wireless S.A.
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MÁLAGA, C.I.F. A29 507 456
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Folio 174 Hoja MA3729

ENAC ENSAYOS Nº 51/LE203

TEST REPORT (MODIFICATION 1)

REFERENCE STANDARD:

FCC Rules and Regulations 47 CFR Part 15, Subpart B

&

IC RSS-Gen Issue 2, June 2007

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

MIE ..... :	32468REM.002A1
Approved by (name / position & signature) ..... :	Rafael López EMC Manager
Elaboration date ..... :	2010-12-02

Rafael López Martín
Firmado digitalmente por Rafael López Martín
Fecha: 2010.12.02 17:34:21 +01'00'

Identification of item tested ..... :	Mobile Broadband Module
Trademark ..... :	Ericsson
Model and/or type reference ..... :	Model: C3607w / Type designation: KRD 131 17/3
Other identification of the product ..... :	FCC ID: VV7-MBMC3607W2 IC Type Approval #: 287AG-MBMC3607W HW Version: R1 SW Version: R2A11 IMEI TAC: 35562404
Features ..... :	QUAD BAND 850/900/1800/1900 GSM/GPRS/EGPRS class 10, WCDMA Bands I/II/V HSDPA Cat. 8 HSUPA Cat. 6
Description ..... :	Consumer Electronics Wireless WAN module
Applicant ..... :	Ericsson AB
Address ..... :	Lindholmspiren, 11 417 56 Gothenburg, Sweden
CIF/NIF/Passport ..... :	SE556056625801
Contact person ..... :	Bernie Fuller
Telephone / Fax ..... :	+46 10 712 4371 / + 46 10 712 6033
e-mail: ..... :	bernie.fuller@ericsson.com

Test samples supplier ..... :	Ericsson AB
Address ..... :	Lindholmspiren, 11 417 56 Gothenburg, Sweden
CIF/NIF/Passport..... :	SE556056625801
Contact person: ..... :	Bernie Fuller
Telephone / Fax ..... :	+46 10 712 4371 / + 46 10 712 6033
e-mail: ..... :	bernie.fuller@ericsson.com
Manufacturer ..... :	Ericsson AB
Address ..... :	Lindholmspiren, 11 417 56 Gothenburg, Sweden
CIF/NIF/Passport..... :	SE556056625801
Contact person: ..... :	Bernie Fuller
Telephone / Fax ..... :	+46 10 712 4371 / + 46 10 712 6033
e-mail: ..... :	bernie.fuller@ericsson.com
Test method requested ..... :	
Standard..... :	FCC Rules and Regulations 47 CFR Part 15 & IC RSS-Gen Issue 2, June 2007
Test procedure.....:	ANSI C63.4
Report template No. ..... :	FDT11_11

INDEX

Competences and guarantees

This certificate of conformity was issued in accordance with the decision Nº 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: Ericsson AB

Sample S/01 is composed of the following elements:

Control Nº	Description	Manufacturer / Model	Serial Nº	Date of reception
32468/24	Mobile Broadband Module	Ericsson AB / C3607w	Type designation: KRD 131 17/3 FCC ID: VV7-MBMC3607W2 IC Type Approval #: 287AG-MBMC3607W IMEI TAC: 35562404 HW Version: R1 SW Version: R2A11 S/N: 004401700270099	2010/11/12
30756C/26	Antenna	---	---	2010/01/19

Auxiliary elements used with the sample S/01:

Control Nº	Description	Manufacturer / Model	Serial Nº	Date of reception
30756C/21	AC/DC Power Adapter	NORDIC POWER	04151V-050300	2009/12/28

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

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

Testing period

The performed test started on 2010-11-17 and finished on 2010-11-24.

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 ºC Max. = 35 ºC
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 ºC Max. = 30 ºC
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 ºC Max. = 30 ºC
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

Modifications to the reference test report

It was introduced the following modifications in respect to the test report number 32468REM.002 related with the same samples, in the next clauses and sub-clauses:

There were replaced the references to the test procedures used “PEEM001; PEEM002” for the reference “ANSI C63.4.

It was added a table to every graph of spurious measure to complete the six values requested by the TBC.

Summary

Considering the results of the performed test according to standard **FCC Rules and Regulations 47 CFR Part 15 & IC RSS-Gen Issue 2, June 2007,** 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: Antonio Ruiz & José Manuel Márquez.

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

Testing verdicts

Not applicable ..... : NA

Pass..... : P

Fail ..... : F

Not measured..... : NM

List of equipment used during the test

CONTROL NUMBER	DESCRIPTION	MANUFACTURER	MODEL	LAST CALIBRATION	NEXT CALIBRATION
1999	EMI Receptor	ROHDE & SCHWARZ	ESIB 26	2009-09-04	2011-09-04
2942	EMI Receptor	ROHDE & SCHWARZ	ESU 40	2009-11-23	2011-11-23
245	Horn Antenna	HEWLETT PACKARD	11966E	2008-03-18	2011-03-18
246	Horn Antenna	HEWLETT PACKARD	11966E	2009-02-23	2012-02-23
1658	RF Amplifier	SCHAFFNER	CPA9231A	2009-03-31	2011-03-31
1094	Bilog antenna	CHASE	CBL 6111	2009-08-04	2012-08-04
3545	Thermohygrograph probe	PICO TECHNOLOGY	HUMIDIPROBE	2010-09-22	2011-09-22

APPENDIX A

Test Result

APPENDIX A CONTENT:

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. Power supply Vnom: 3.7Vdc.
OM#02	EUT ON. IDLE 1900 MHz. Power supply Vnom: 3.7Vdc.
OM#03	EUT ON. IDLE UMTS FDD Band II. Power supply Vnom: 3.7Vdc.
OM#04	EUT ON. IDLE UMTS FDD BAND V. Power supply Vnom: 3.7Vdc.

RADIATED EMISSION. ELECTROMAGNETIC FIELD MEASURE.

LIMITS:	Product standard :	FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B & IC RSS-Gen Issue 2, June 2007
	Test standard :	FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B & IC RSS-Gen Issue 2, June 2007

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 & IC RSS-Gen Issue 2, June 2007 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 (µV/m)**	**Limit for 3 m (dBµV/m)**
30 to 88	100	40
88 to 216	150	43,52
216 to 960	200	46,02
Above 960	500	53,98

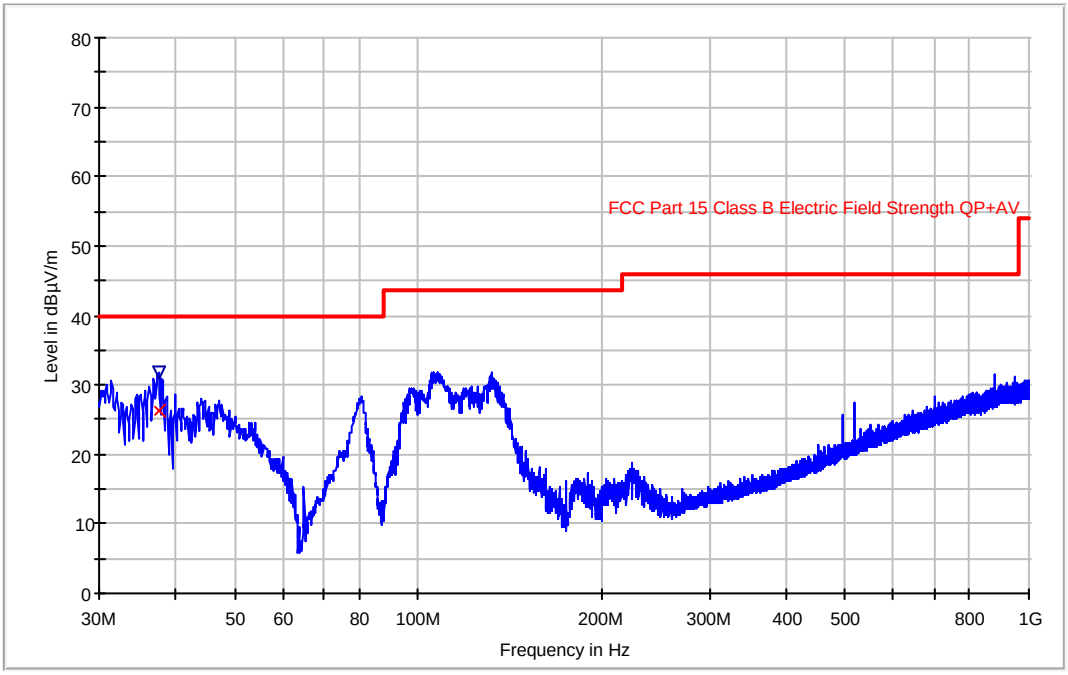
TESTED SAMPLES:	S/01
TESTED OPERATION MODES:	OM#01; OM#02; OM#03 & OM#04
TEST RESULTS :	**CR**mmnn: CR, Radiation Condition; mm: Sample number; nn: Operation mode, xx: Polarisation.

CRmmnn	**Description**	**Result**
CR0101	EUT ON. Idle 850 MHz. Range 30 - 1000 MHz.	P
CR0101PH	EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Horizontal polarization.	P
CR0101PV	EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Vertical polarization.	P
CR0102	EUT ON. Idle 1900 MHz. Range 30 - 1000 MHz.	P
CR0102PH	EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Horizontal polarization.	P
CR0102PV	EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Vertical polarization.	P
CR0103	EUT ON. Idle UMTS FDD II. Range 30 - 1000 MHz.	P
CR0103PH	EUT ON. Idle UMTS FDD II. Range 1 – 12.5 GHz. Horizontal polarization.	P
CR0103PV	EUT ON. Idle UMTS FDD II. Range 1 – 12.5 GHz. Vertical polarization.	P
CR0104	EUT ON. Idle UMTS FDD V. Range 30 - 1000 MHz.	P
CR0104PH	EUT ON. Idle UMTS FDD V. Range 1 – 12.5 GHz. Horizontal polarization.	P
CR0104PV	EUT ON. Idle UMTS FDD V. Range 1 – 12.5 GHz. Vertical polarization.	P

Radiated Emission: CR0101 (30MHz to 1GHz)

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#01
Setup:	EMI radiated
Mode:	EUT ON. Idle 850MHz. Vnom.

FCC class B Bilog Hybrid



Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
37.545090	26.2	31.8	119.00	V	61.0

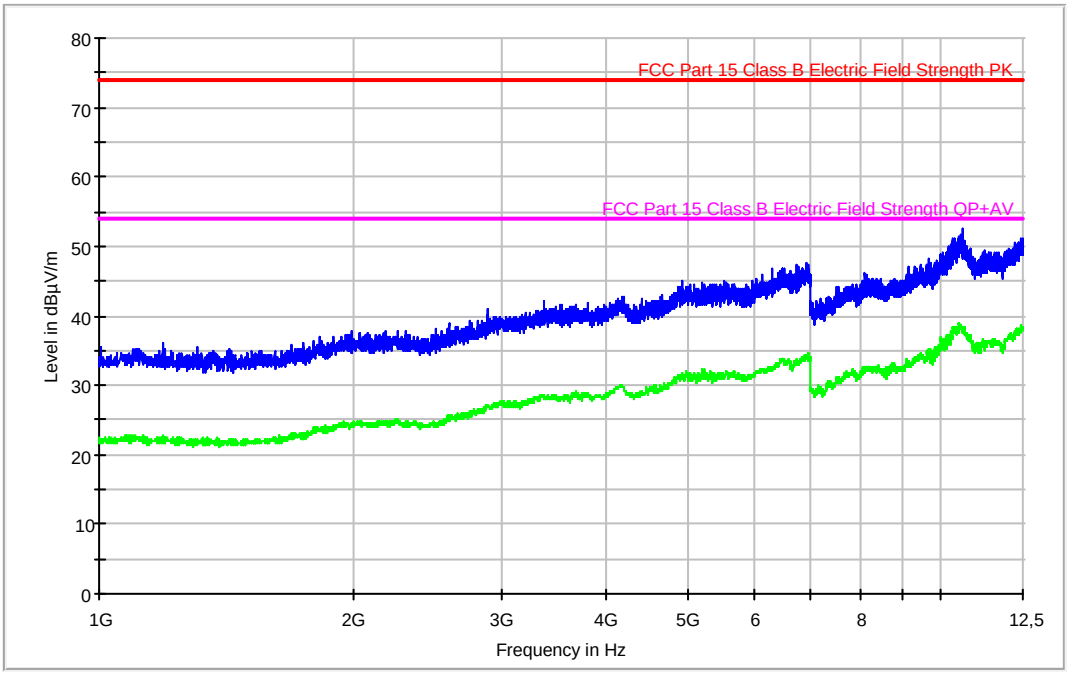
Max PK

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
36.900000	31.0	149.00	V	-2.0
37.400000	31.5	149.00	V	-2.0
37.500000	31.7	149.00	V	-2.0
37.600000	31.2	149.00	V	-2.0
38.000000	30.8	149.00	V	-2.0

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

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#01
Setup:	EMI radiated
Mode:	EUT ON. Idle 850MHz. Vnom. Horizontal polarization.

FCC 1-12.5GHz class B AMP1421



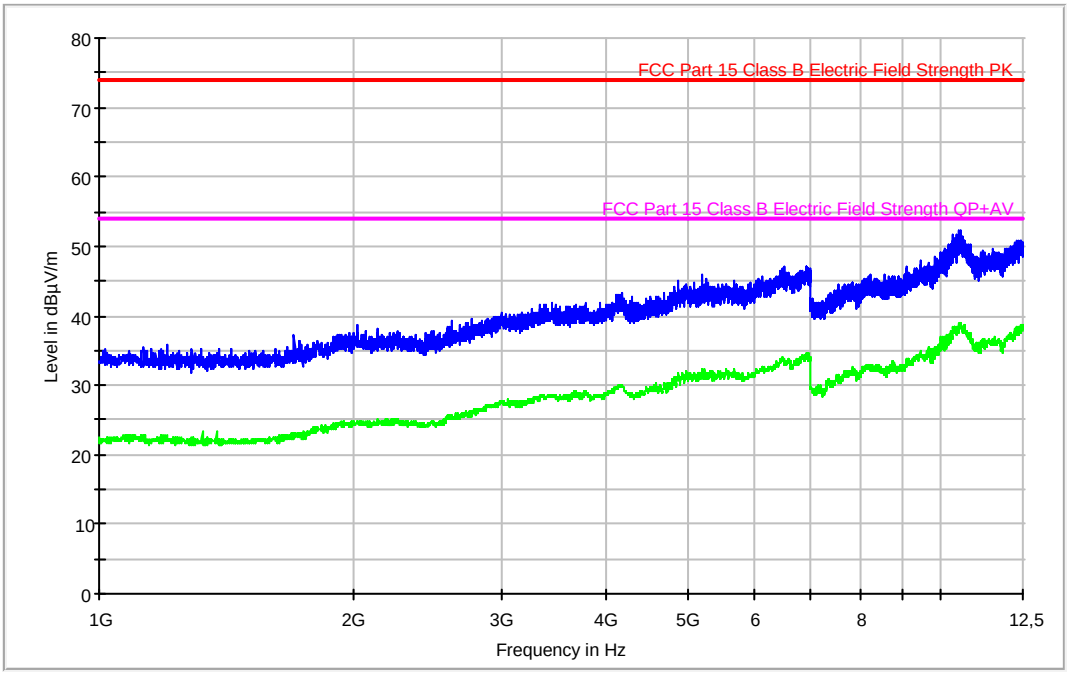
Max PK-AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
10504.000000	51.4	39.0
10520.000000	51.8	38.8
10537.000000	51.3	38.6
10574.000000	51.2	38.1
10604.000000	51.5	38.2
10618.000000	52.6	38.1

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

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#01
Setup:	EMI radiated
Mode:	EUT ON. Idle 850MHz. Vnom. Vertical polarization.

FCC 1-12.5GHz class B AMP1421



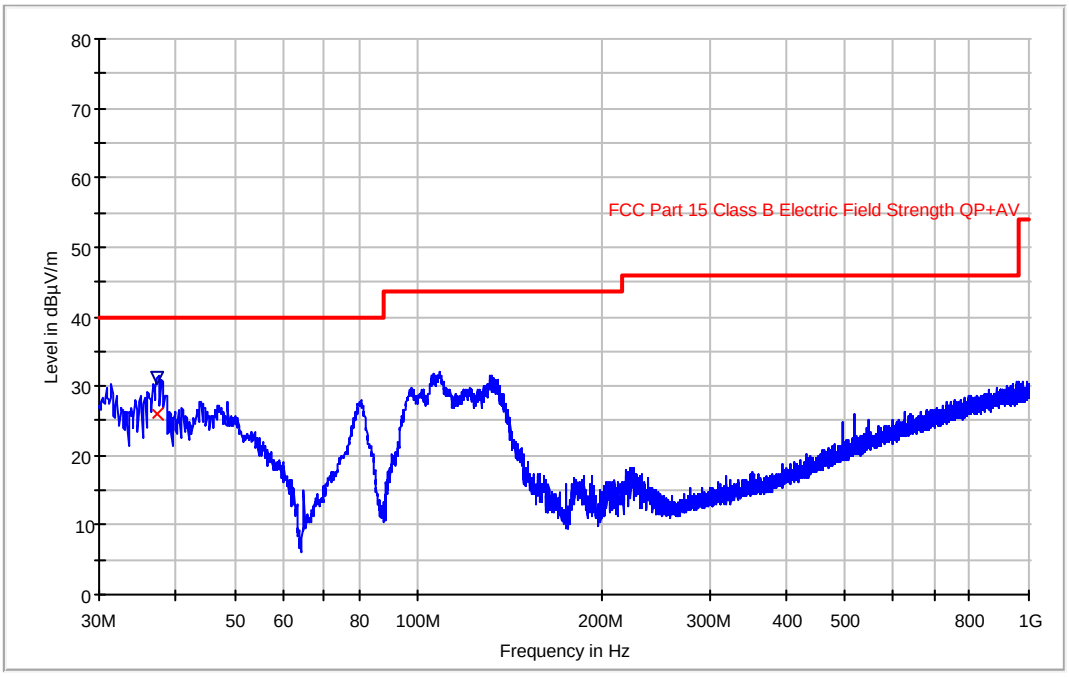
Max PK-AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
10504.000000	51.4	39.0
10520.000000	51.8	38.8
10537.000000	51.3	38.6
10574.000000	51.2	38.1
10604.000000	51.5	38.2
10618.000000	52.6	38.1

Radiated Emission: CR0102 (30MHz to 1GHz)

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#02
Setup:	EMI radiated
Mode:	EUT ON. Idle 1900MHz. Vnom.

FCC class B Bilog Hybrid



Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
37.392786	26.1	31.2	112.00	V	123.0

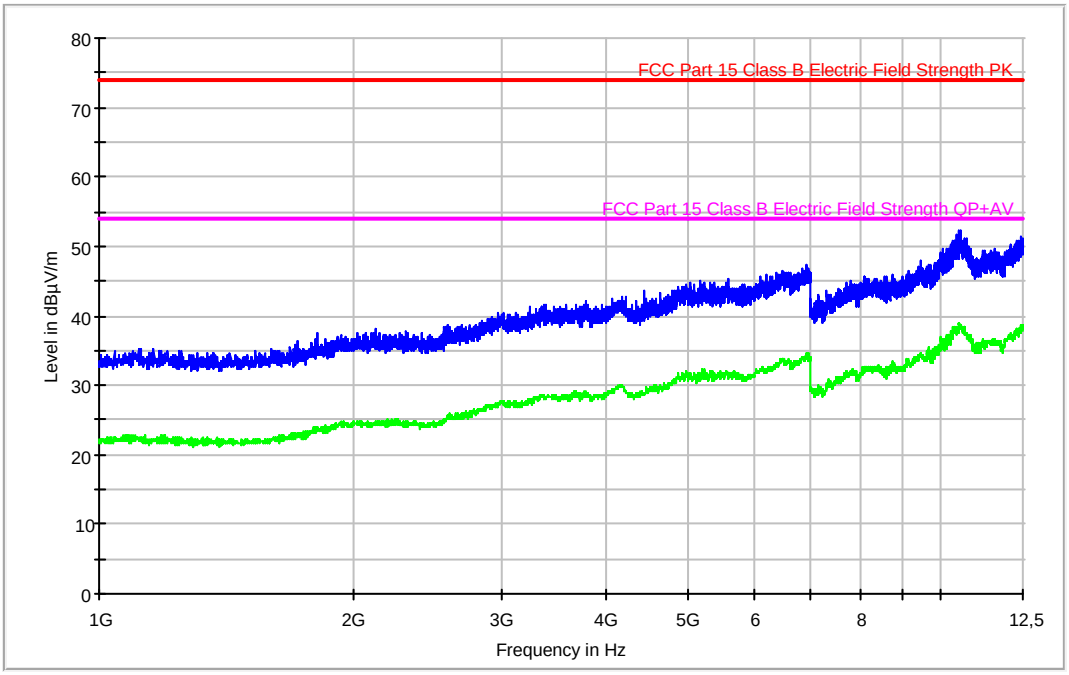
Max PK

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
105.900000	31.8	149.00	V	89.0
107.700000	31.6	149.00	V	89.0
108.200000	31.5	149.00	V	89.0
108.300000	31.9	149.00	V	89.0
108.400000	31.7	149.00	V	89.0

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

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#02
Setup:	EMI radiated
Mode:	EUT ON. Idle 1900MHz. Vnom. Horizontal polarization.

FCC 1-12.5GHz class B AMP1421



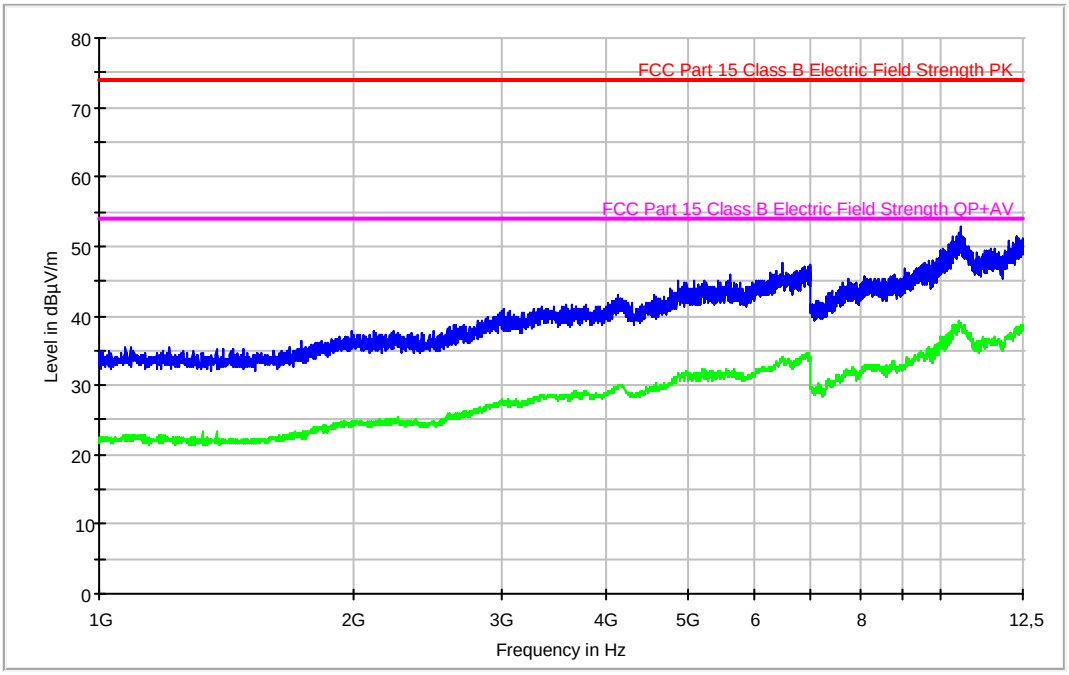
Max PK+AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)	Comment
10443.000000	51.7	38.1	
10507.000000	52.2	39.0	
10520.000000	52.3	38.8	
10522.000000	51.3	38.5	
10531.000000	51.8	38.7	
12428.000000	51.3	38.5	

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

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#02
Setup:	EMI radiated
Mode:	EUT ON. Idle 1900MHz. Vnom. Vertical polarization.

FCC 1-12.5GHz class B AMP1421



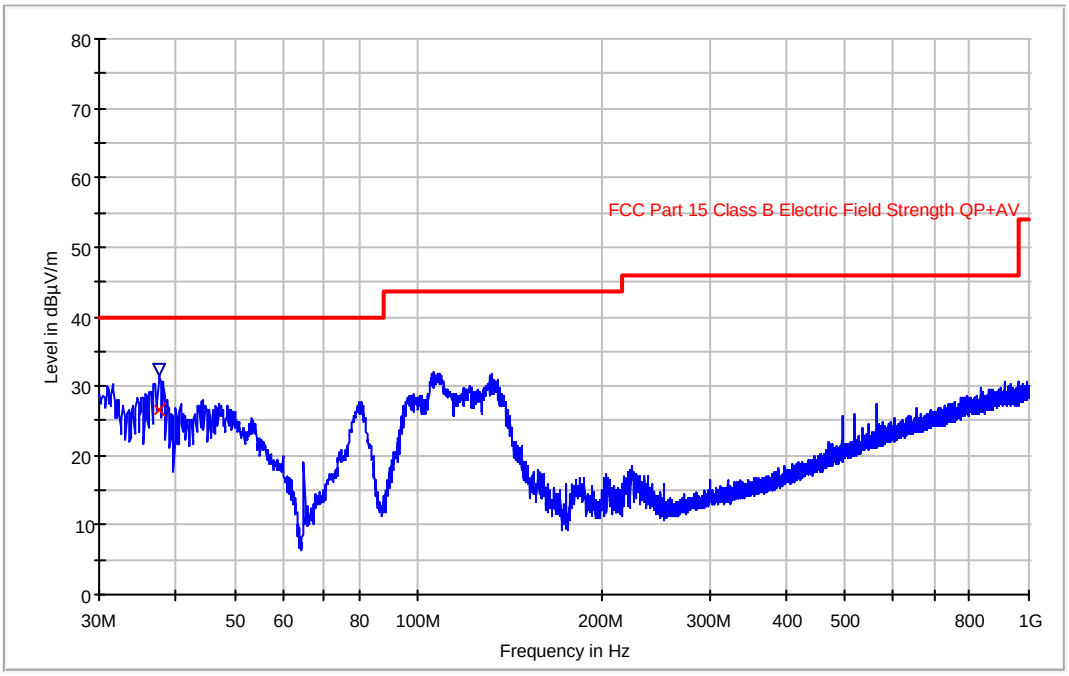
Max PK+AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
10455.000000	51.4	38.3
10491.000000	52.0	38.7
10513.000000	51.4	39.1
10518.000000	51.7	39.0
10520.000000	52.8	39.0
12278.000000	51.6	37.8

Radiated Emission: CR0103 (30MHz to 1GHz)

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#03
Setup:	EMI radiated
Mode:	EUT ON. Idle UMTS FDD Band II. Vnom.

FCC class B Bilog Hybrid



Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
37.733267	26.7	32.3	98.00	V	37.0

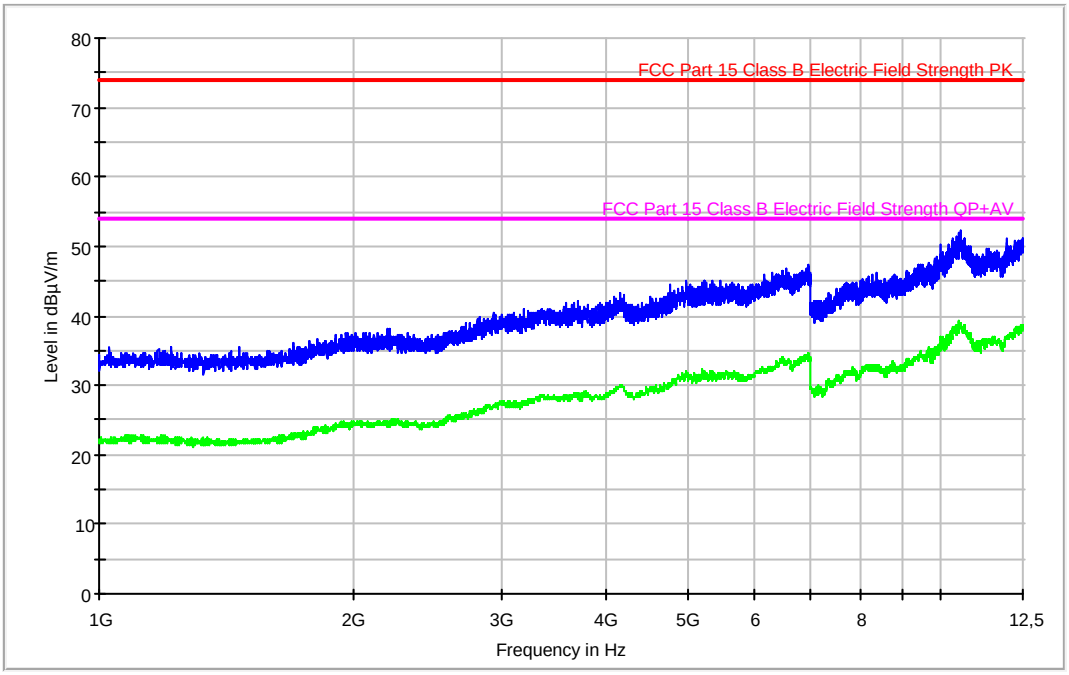
Max PK

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
105.500000	31.8	150.00	V	89.0
106.100000	31.7	150.00	V	89.0
106.300000	32.0	150.00	V	89.0
107.900000	31.9	150.00	V	89.0
131.500000	31.7	150.00	V	89.0

Radiated Emission: CR0103 (1GHz to 12.5GHz Horizontal Polarization)

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#03
Setup:	EMI radiated
Mode:	EUT ON. Idle UMTS FDD Band II. Vnom. Horizontal polarization.

FCC 1-12.5GHz class B AMP1421



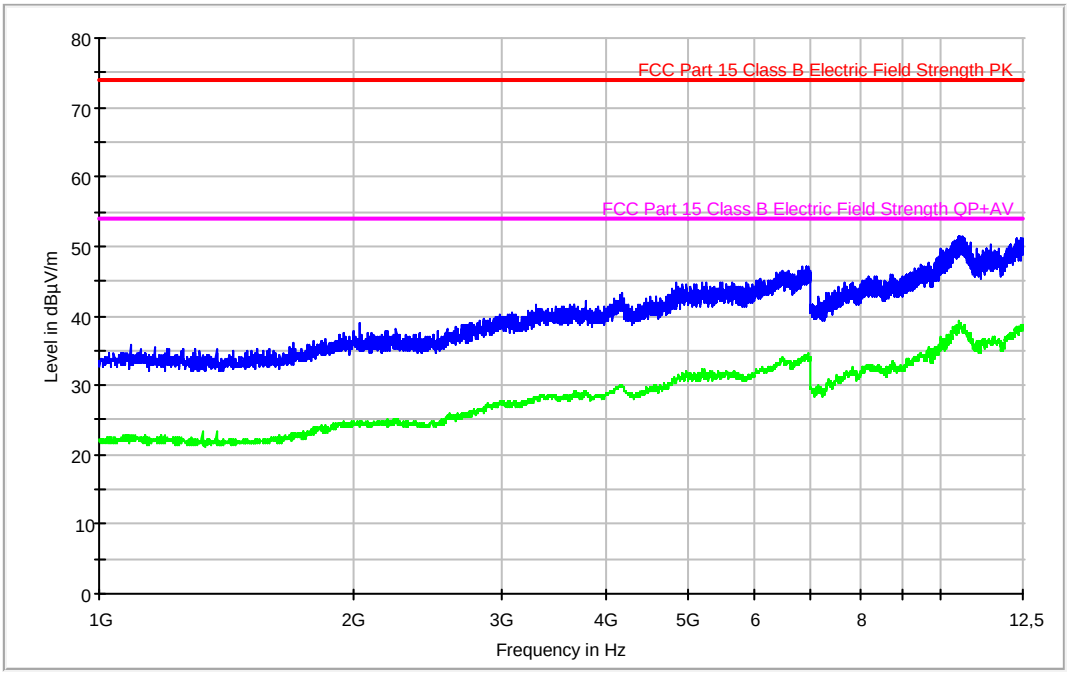
Max PK+AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
10472.000000	51.4	38.0
10503.000000	51.5	39.1
10506.000000	52.0	39.2
10537.000000	52.2	38.8
10549.000000	51.7	38.8
10553.000000	51.7	38.9

Radiated Emission: CR0103 (1GHz to 12.5GHz Vertical Polarization)

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#03
Setup:	EMI radiated
Mode:	EUT ON. Idle UMTS FDD Band II. Vnom. Vertical polarization.

FCC 1-12.5GHz class B AMP1421



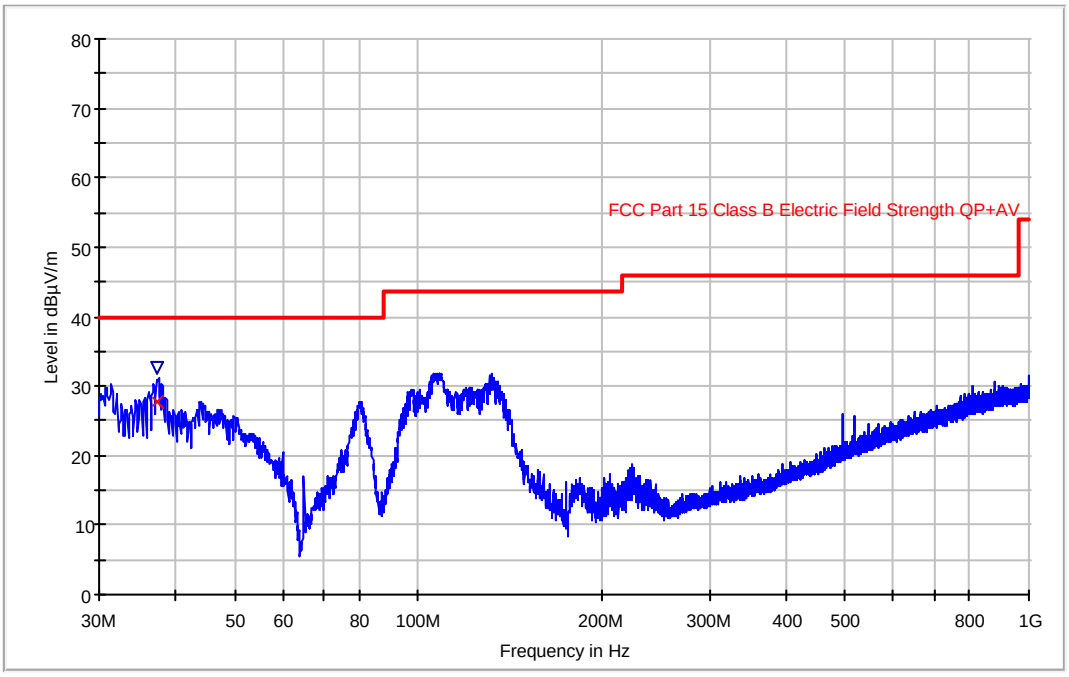
Max PK+AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
10486.000000	51.5	38.6
10504.000000	51.4	39.0
10506.000000	51.4	39.2
10511.000000	51.4	39.0
10559.000000	51.5	38.7
10609.000000	51.5	38.4

Radiated Emission: CR0104 (30MHz to 1GHz)

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#04
Setup:	EMI radiated
Mode:	EUT ON. Idle UMTS FDD Band V. Vnom.

FCC class B Bilog Hybrid



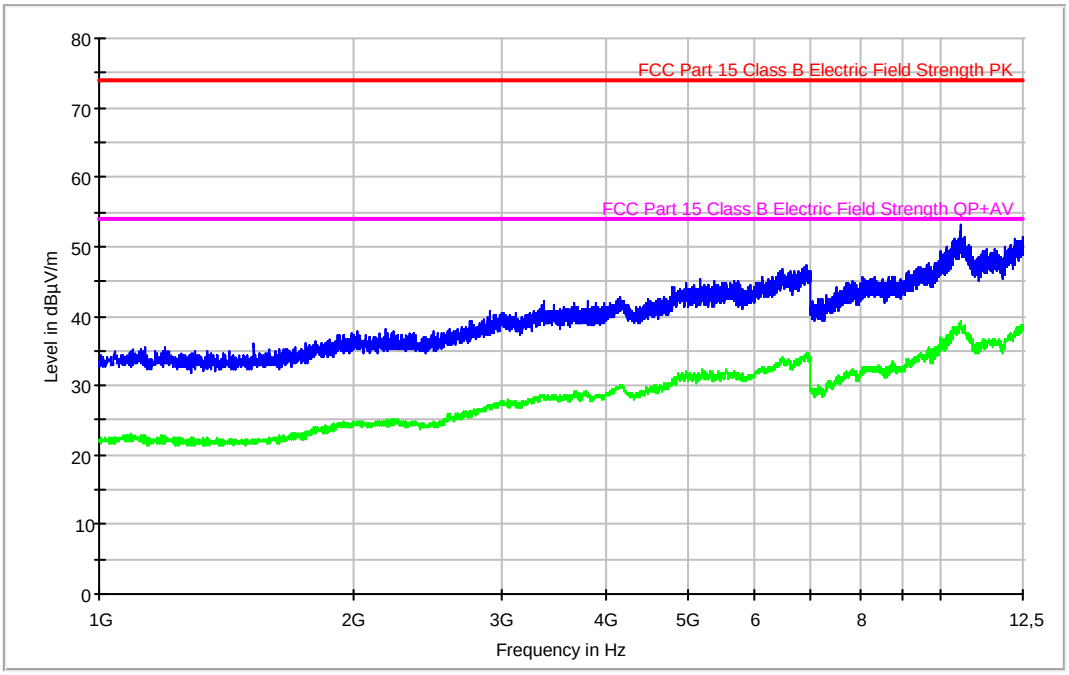
Max PK

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
106.400000	31.7	149.00	V	93.0
108.100000	31.8	149.00	V	93.0
108.300000	31.8	149.00	V	93.0
108.500000	31.7	149.00	V	93.0
108.900000	31.7	149.00	V	93.0

Radiated Emission: CR0104 (1GHz to 12.5GHz Horizontal Polarization)

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#04
Setup:	EMI radiated
Mode:	EUT ON. Idle UMTS FDD Band V. Vnom. Horizontal polarization.

FCC 1-12.5GHz class B AMP1421



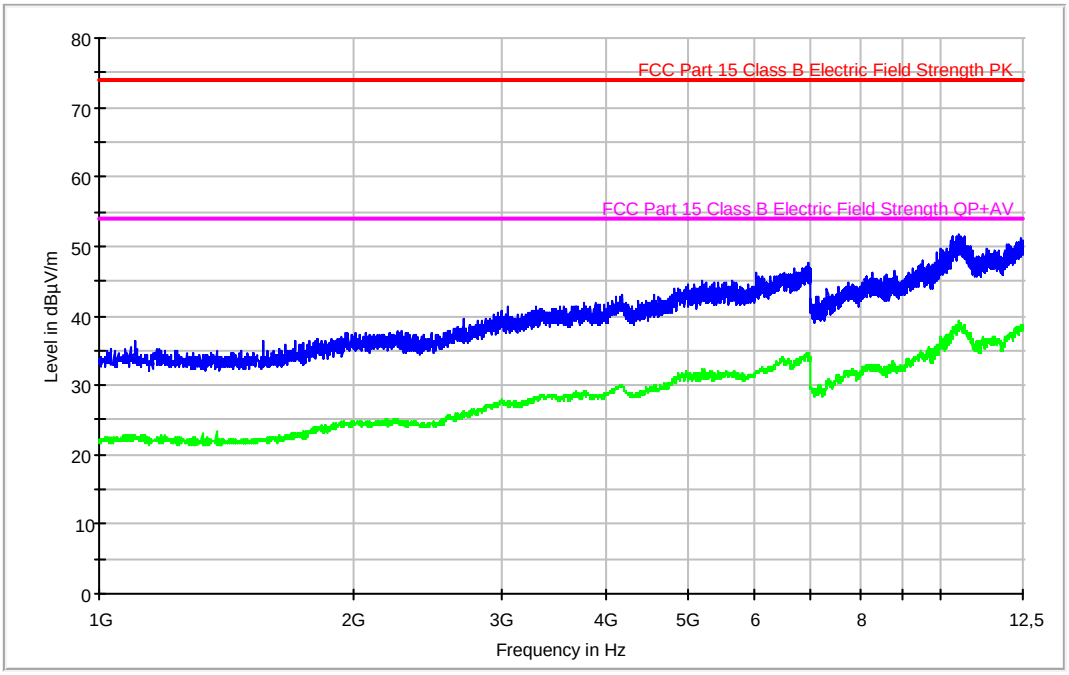
Max PK+AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
10520.000000	53.2	39.1
10551.000000	51.2	38.7
10554.000000	51.2	38.6
10555.000000	52.3	38.6
10686.000000	51.3	38.0
12497.000000	51.4	38.0

Radiated Emission: CR0104 (1GHz to 12.5GHz Vertical Polarization)

Project:	32468REM.002
Company:	ERICSSON AB
Sample:	S/01
Operation mode:	OM#04
Setup:	EMI radiated
Mode:	EUT ON. Idle UMTS FDD Band V. Vnom. Vertical polarization.

FCC 1-12.5GHz class B AMP1421



Max PK+AVG

Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Average-ClearWrite (dBµV/m)
10488.000000	51.6	38.6
10505.000000	51.5	39.1
10517.000000	51.5	39.0
10518.000000	51.8	39.0
10551.000000	51.5	38.9
10662.000000	51.5	38.5

CONTINUOUS CONDUCTED EMISSION ON POWER LEADS

LIMITS:	Product standard :	FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B & IC RSS-GEN ISSUE 2, JUNE 2007
	Test standard :	FCC RULES AND REGULATIONS 47 CFR PART 15, SUBPART B & IC RSS-GEN ISSUE 2, JUNE 2007

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 IC RSS-Gen Issue 2, June 2007 in the frequency range 0,15 to 30 MHz, for Class B equipment was:

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

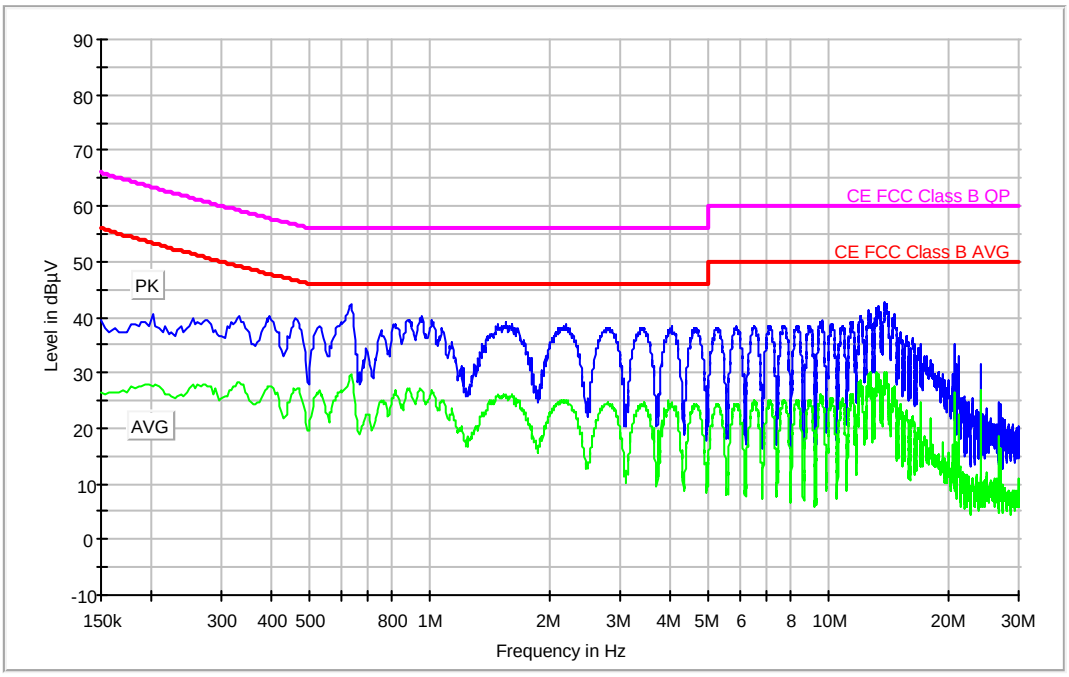
TESTED SAMPLES:	S/01
TESTED OPERATION MODES:	OM#01; 02; 03 & 04
TEST RESULTS :	CCmmnnhh: CC, Conducted Condition; mm: Sample number; nn: Operation mode; hh: wire

CCmmnnhh	**Description**	**Result**
CC0101PO	EUT ON. IDLE 850 MHz. Vnom: 3.7Vdc. Positive wire noise.	P
CC0101NE	EUT ON. IDLE 850 MHz. Vnom: 3.7Vdc. Negative wire noise.	P
CC0102PO	EUT ON. IDLE 1900 MHz. Vnom: 3.7Vdc. Positive wire noise.	P
CC0102NE	EUT ON. IDLE 1900 MHz. Vnom: 3.7Vdc. Negative wire noise.	P
CC0103PO	EUT ON. IDLE UMTS FDD Band II. Vnom: 3.7Vdc. Positive wire noise.	P
CC0103NE	EUT ON. IDLE UMTS FDD Band II. Vnom: 3.7Vdc. Negative wire noise.	P
CC0104PO	EUT ON. IDLE UMTS FDD BAND V. Vnom: 3.7Vdc. Positive wire noise.	P
CC0104NE	EUT ON. IDLE UMTS FDD BAND V. Vnom: 3.7Vdc. Negative wire noise.	P

Continuous Conducted emission : CC0101NE	Detector : Peak / Average / Cuasi-peak

Project:	32468REM.002
Company:	Ericsson AB
Sample:	S/01
Operation mode:	OM#01
Date:	2010-11-24 19:26
Setup:	EMI conducted
Mode:	EUT ON. IDLE 850MHz. Vnom. Negative noise.

EC FCC Class B ESPI CC5



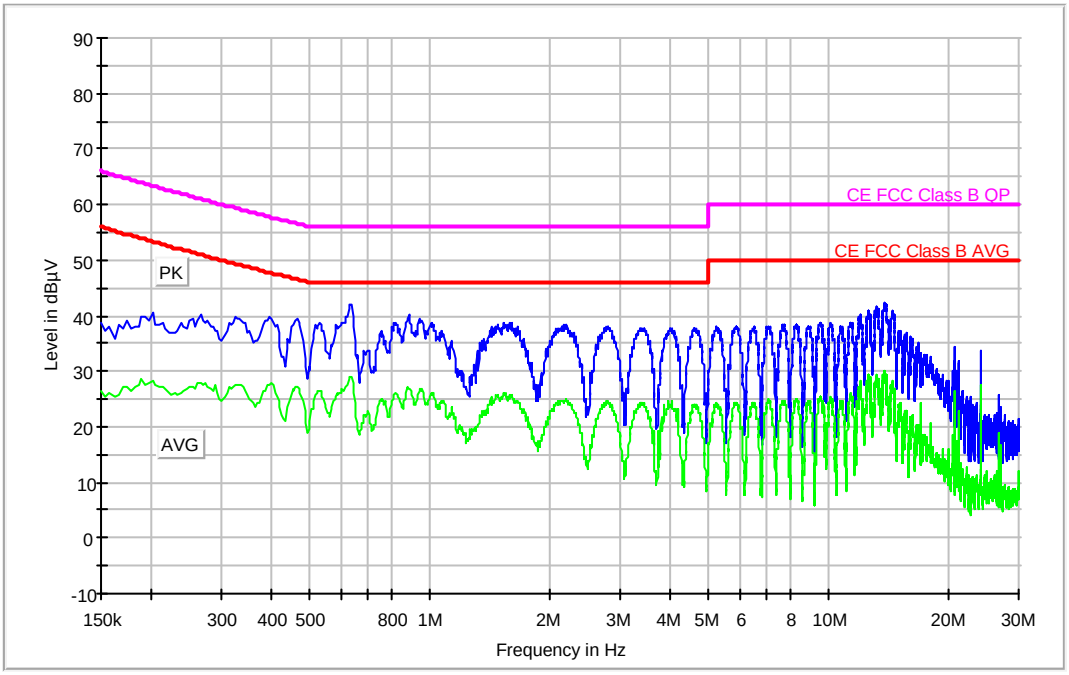
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.634000	42.2	29.7
0.958000	40.1	26.8
1.554000	39.2	25.8
0.466000	39.6	27.1
13.894000	42.8	29.9
2.190000	38.7	25.0
4.046000	38.3	24.7
2.778000	38.1	24.5
3.410000	38.1	24.2
4.614000	38.0	23.8

Continuous Conducted emission : CC0101PO	Detector : Peak / Average / Cuasi-peak

Project: 32468REM.002
Company: Ericsson AB
Sample: S/01
Operation mode: OM#01
Date: 2010-11-24 19:30
Setup: EMI conducted
Mode: EUT ON. IDLE 850MHz . Vnom. Positive noise.

EC FCC Class B ESPI CC5



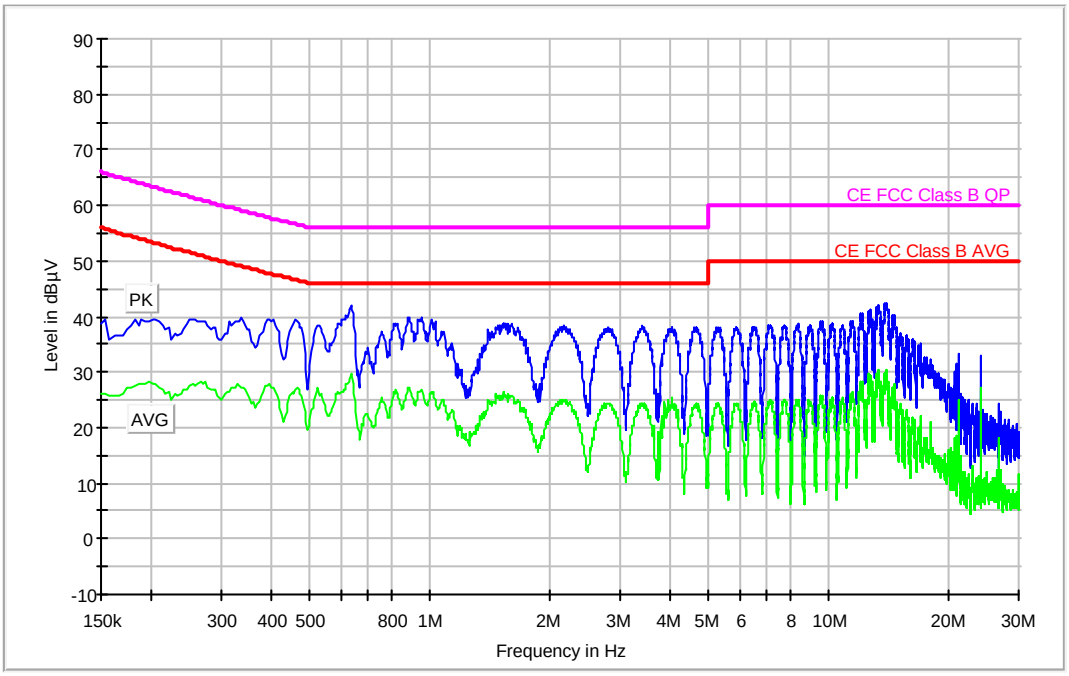
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.630000	42.0	29.1
0.886000	40.1	27.0
0.466000	39.5	27.1
1.606000	38.8	25.7
2.170000	38.4	24.6
13.842000	42.3	29.9
2.794000	38.1	24.5
3.414000	37.8	24.2
4.618000	37.8	23.8
4.050000	37.7	24.1

Continuous Conducted emission : CC0102NE	Detector : Peak / Average / Cuasi-peak

Project: 32468REM.002
Company: Ericsson AB
Sample: S/01
Operation mode: OM#02
Date: 2010-11-24 19:44
Setup: EMI conducted
Mode: EUT ON. IDLE 1900MHz . Vnom. Negative noise.

EC FCC Class B ESPI CC5



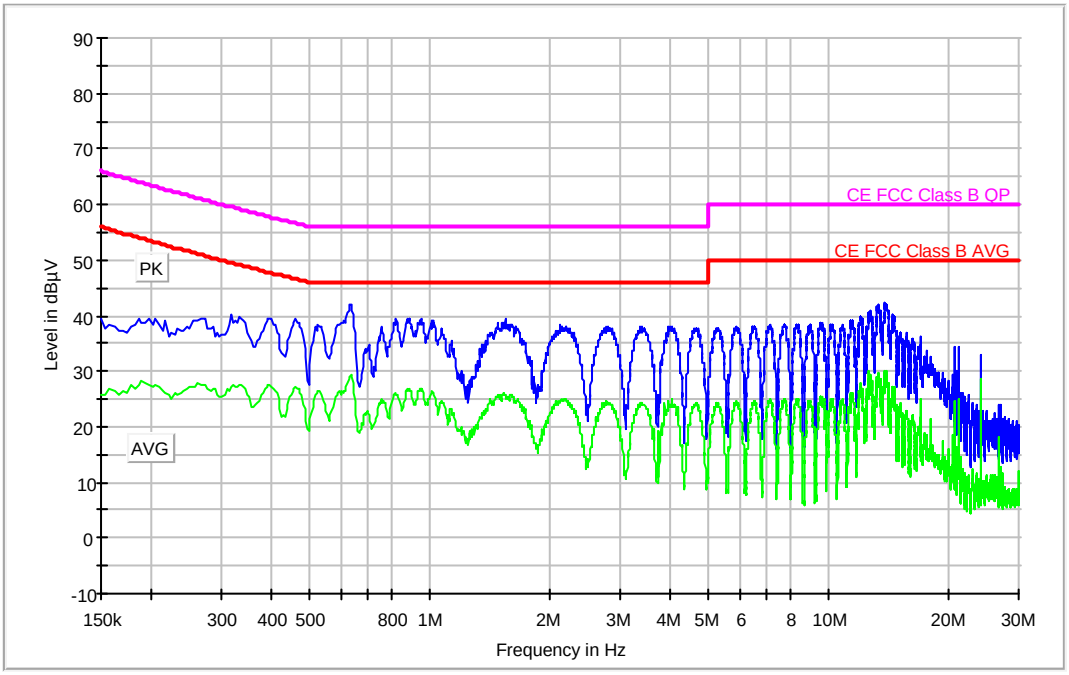
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.634000	41.9	29.7
0.886000	39.8	27.2
0.462000	39.4	26.9
1.546000	38.8	25.8
13.978000	42.5	29.0
2.166000	38.4	24.5
3.426000	38.3	24.1
2.786000	38.1	24.4
4.042000	38.1	24.8
4.622000	37.9	23.9

Continuous Conducted emission : CC0102PO	Detector : Peak / Average / Cuasi-peak

Project: 32468REM.002
Company: Ericsson AB
Sample: S/01
Operation mode: OM#02
Date: 2010-11-24 19:49
Setup: EMI conducted
Mode: EUT ON. IDLE 1900MHz. Vnom. Positive noise.

EC FCC Class B ESPI CC5



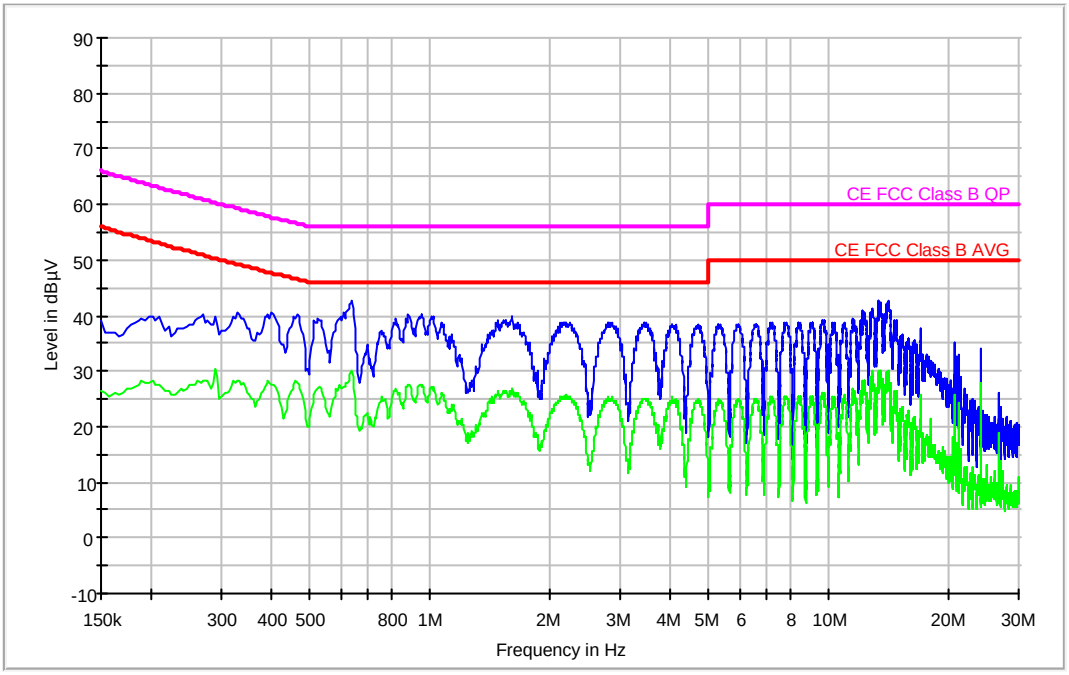
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.634000	42.1	29.2
1.546000	39.6	25.9
0.826000	39.5	25.9
0.462000	39.6	27.2
2.118000	38.5	24.8
13.882000	42.2	29.5
2.794000	38.1	24.3
3.402000	38.0	24.4
4.026000	37.9	24.1
4.634000	37.7	24.0

Continuous Conducted emission : CC0103NE	Detector : Peak / Average / Cuasi-peak

Project: 32468REM.002
Company: Ericsson AB
Sample: S/01
Operation mode: OM#03
Date: 2010-11-24 17:52
Setup: EMI conducted
Mode: EUT ON. IDLE FDD BAND II . Vnom. Negative noise.

EC FCC Class B ESPI CC5



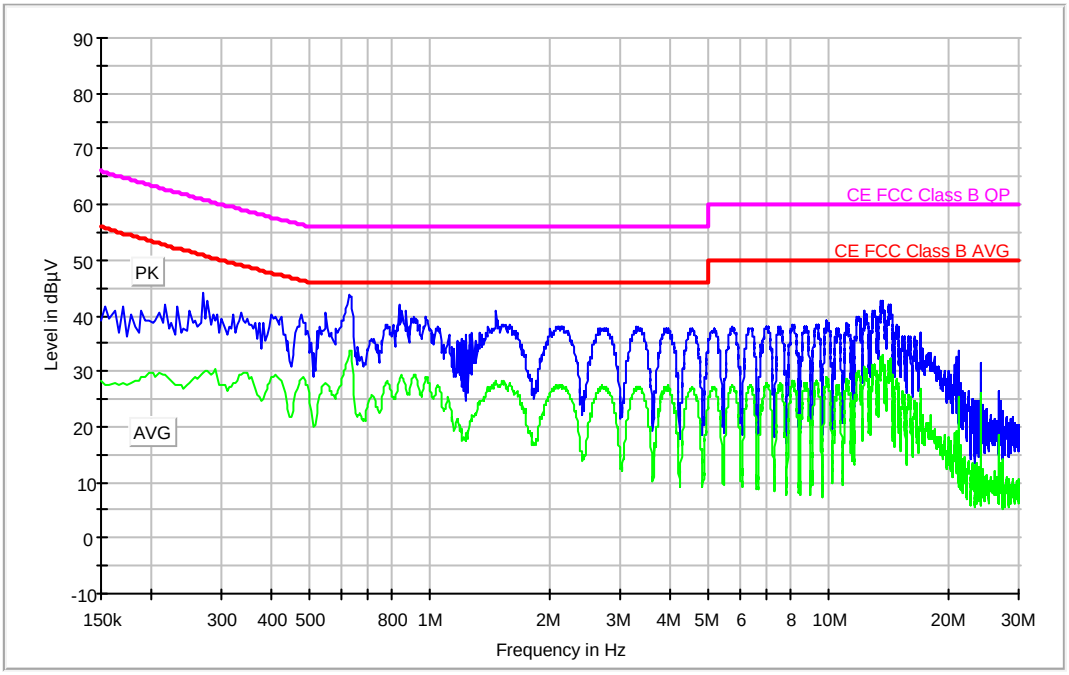
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.638000	42.7	30.2
0.954000	40.3	27.3
1.610000	39.7	26.2
0.466000	40.0	27.8
2.194000	38.9	25.7
14.062000	42.7	30.1
3.502000	38.7	25.0
2.854000	38.7	25.5
4.706000	38.4	24.8
4.126000	38.3	24.9

Continuous Conducted emission : CC0103PO	Detector : Peak / Average / Cuasi-peak

Project: 32468REM.002
Company: Ericsson AB
Sample: S/01
Operation mode: OM#03
Date: 2010-11-24 17:53
Setup: EMI conducted
Mode: EUT ON. IDLE FDD BAND II . Vnom. Positive noise.

EC FCC Class B ESPI CC5



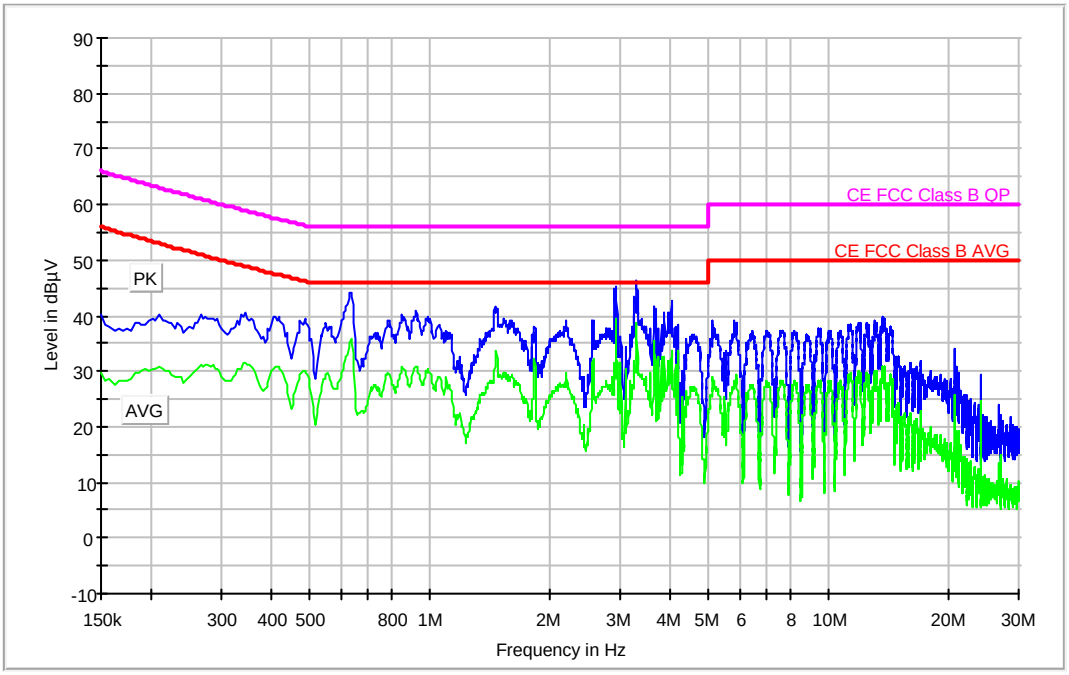
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.626000	43.7	33.0
0.838000	42.0	28.3
1.470000	41.0	28.0
0.478000	40.3	28.6
13.634000	42.6	32.8
2.094000	38.2	27.2
3.306000	37.9	26.9
2.698000	37.8	27.1
3.882000	37.7	26.8
4.482000	37.5	26.7

Continuous Conducted emission : CC0104NE	Detector : Peak / Average / Cuasi-peak

Project: 32468REM.002
Company: Ericsson AB
Sample: S/01
Operation mode: OM#04
Date: 2010-11-24 18:24
Setup: EMI conducted
Mode: EUT ON. IDLE FDD BAND V . Vnom. Negative noise.

EC FCC Class B ESPI CC5



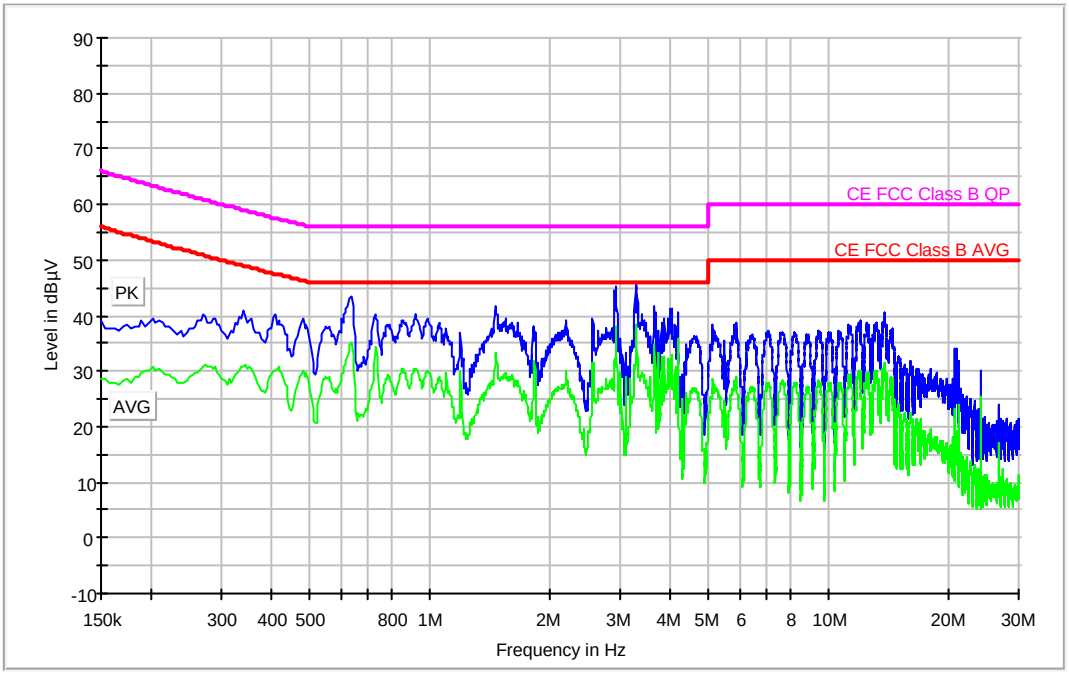
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
3.302000	46.4	38.8
2.934000	45.4	39.6
0.630000	44.0	35.2
4.046000	42.5	33.6
1.458000	41.6	30.7
3.666000	41.5	35.0
0.926000	40.7	30.8
0.486000	39.4	30.2
4.570000	36.4	26.9
13.710000	39.8	30.2

Continuous Conducted emission : CC0104PO	Detector : Peak / Average / Cuasi-peak

Project: 32468REM.002
Company: Ericsson AB
Sample: S/01
Operation mode: OM#04
Date: 2010-11-24 18:19
Setup: EMI conducted
Mode: EUT ON. IDLE FDD BAND V. Vnom. Positive noise.

EC FCC Class B ESPI CC5



Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
3.278000	45.7	32.7
2.934000	45.1	38.1
0.634000	43.6	35.3
3.646000	41.7	32.1
1.466000	41.6	33.3
4.030000	41.4	31.9
0.922000	40.3	30.5
2.202000	39.0	30.0
13.774000	40.5	31.4
4.606000	36.3	26.6