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TEST REPORT

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

NIE :	31912REM.003
Approved by (name / position & signature)	Rafael López EMC Manager
Elaboration date	2010-09-17
Identification of item tested	Mobile Broadband Module
Trademark	Ericsson
Model and/or type reference	F3307
Other identification of the product	Type designation: KRD 131 16/01, KRD 131 16/02, KRD 131 16/G0 FCC ID: VV7-MBMF33071, VV7-MBMF33072, VV7-MBMF3307S IC Type Approval #: 287AG-MBMF33071, 287AG-MBMF33072, 287AG-MBMF3307S HW Version: R2 SW Version: R2A09
Features	QUAD BAND GSM/GPRS/EGPRS class 10 WCDMA Bands: KRD 131 16/01: II/V KRD 131 16/02: I/VIII KRD 131 16/G0: I HSDPA Cat. 8 HSUPA Cat. 6
Description	Mini-PCIe Wireless WAN card
Applicant	Ericsson AB
Address.....	Lindholmspiren, 11 417 56 Gothenborg, Sweden
CIF/NIF/Passport.....	SE556056625801
Contact person	Mr. Fredrik Claesson
Telephone / Fax	+46 10 712 7856 / + 46 10 712 6033
e-mail:	fredrik.a.claesson@ericsson.com

Test samples supplier	Ericsson AB
Address	Lindholmospiren, 11 417 56 Gothenborg, Sweden
CIF/NIF/Passport.....	SE556056625801
Contact person:.....	Mr. Fredrik Claesson
Telephone / Fax	+46 10 712 7856 / + 46 10 712 6033
e-mail:.....	fredrik.a.claesson@ericsson.com
Manufacturer	Ericsson AB
Address	Lindholmospiren, 11 417 56 Gothenborg, Sweden
CIF/NIF/Passport.....	SE556056625801
Contact person:.....	Mr. Fredrik Claesson
Telephone / Fax	+46 10 712 7856 / + 46 10 712 6033
e-mail:.....	fredrik.a.claesson@ericsson.com
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_12
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INDEX

Competences and guarantees	4
General conditions	4
Usage of samples.....	5
Testing period	5
Environmental conditions	6
Summary	7
Remarks and comments	7
Testing verdicts	7
APPENDIX A: Test result	61 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: Ericsson AB

Sample S/01 is composed of the following elements:

<u>Control N°</u>	<u>Description</u>	<u>Manufacturer / Model</u>	<u>Serial N°</u>	<u>Date of reception</u>
31912/03	Mobile Broadband Module	Ericsson AB / F3307	Type designation: KRD 131 16/01 FCC ID: VV7-MBMF33071 IC Type Approval #: 287AG-BMF33071 HW Version: R2 SW Version: R2A09	2010/08/30

Sample S/02 is composed of the following elements:

<u>Control N°</u>	<u>Description</u>	<u>Manufacturer / Model</u>	<u>Serial N°</u>	<u>Date of reception</u>
31912/06	Mobile Broadband Module	Ericsson AB / F3307	Type designation: KRD 131 16/02 FCC ID: VV7-MBMF33072 IC Type Approval #: 287AG-BMF33072 HW Version: R2 SW Version: R2A09	2010/08/30

Sample S/03 is composed of the following elements:

<u>Control N°</u>	<u>Description</u>	<u>Manufacturer / Model</u>	<u>Serial N°</u>	<u>Date of reception</u>
31912/09	Mobile Broadband Module	Ericsson AB / F3307	Type designation: KRD 131 16/G0 FCC ID: VV7-MBMF3307S IC Type Approval #: 287AG-BMF3307S HW Version: R2 SW Version: R2A09	2010/08/30

Auxiliary elements used with the samples S/01, S/02 & S/03:

<u>Control N°</u>	<u>Description</u>	<u>Manufacturer / Model</u>	<u>Serial N°</u>	<u>Date of reception</u>
31356/02	Laptop simulator	---	---	2010/03-25
28940/07	Cradle	Ericsson AB	---	2008/12/30
31912/08	Nordic Power AC-DC Power adaptor	AMPLUS / 04151V-050300	---	2009/03/26

Samples S/01, S/02 & S/03 has undergone the next test(s):

- 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
- 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 2010-09-07 and finished on 2010-09-17.

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 k Ω
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 k Ω
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 k Ω
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 & 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.

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.

The equipment with FCC ID: VV7-MBMF33071 is also commercialised under other FCC IDs with the following structure: FCC ID: VV7-MBMF33071-X

Where X is a letter identifying variants of the product.

This equipment is certified in Canada with the model name KRD 131 16.

The equipment with FCC ID: VV7-MBMF33072 is also commercialised under other FCC IDs with the following structure: FCC ID: VV7-MBMF33072-X

Where X is a letter identifying variants of the product.

This equipment is certified in Canada with the model name KRD 131 16.

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
2932	Bilog Hybrid antenna	SUNOL SCIENCES CORPORATION	JB6	2007-10-26	2010-10-26
3545	Thermohygrograph probe	PICO TECHNOLOGY	HUMIDIPROBE	2009-09-22	2010-09-22

APPENDIX A

Test Result

APPENDIX A CONTENT:

DESCRIPTION OF THE OPERATION MODES.....	9
RADIATED EMISSION. ELECTROMAGNETIC FIELD MEASURE.	10
CONTINUOUS CONDUCTED EMISSION ON POWER LEADS	36

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. TCH UMTS FDD Band II. Power supply: AC/DC Adapter (115Vac).
OM#02	EUT ON. IDLE UMTS FDD Band II. Power supply: AC/DC Adapter. (115Vac).
OM#03	EUT ON. TCH UMTS FDD BAND V. Power supply: AC/DC Adapter. (115Vac).
OM#04	EUT ON. IDLE UMTS FDD BAND V. Power supply: AC/DC Adapter. (115Vac).
OM#05	EUT ON. TCH 850 MHz. Power supply: AC/DC Adapter. (115Vac).
OM#06	EUT ON. IDLE 850 MHz. Power supply: AC/DC Adapter. (115Vac).
OM#07	EUT ON. TCH 1900 MHz. Power supply: AC/DC Adapter. (115Vac).
OM#08	EUT ON. IDLE 1900 MHz. Power supply: AC/DC Adapter. (115Vac).

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 ($\mu\text{V/m}$)	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; S/02 & S/03
TESTED OPERATION MODES:	OM#02; OM#04; OM#06 & OM#08
TEST RESULTS :	CRmmnn: CR, Radiation Condition; mm: Sample number; nn: Operation mode, xx: Polarisation.

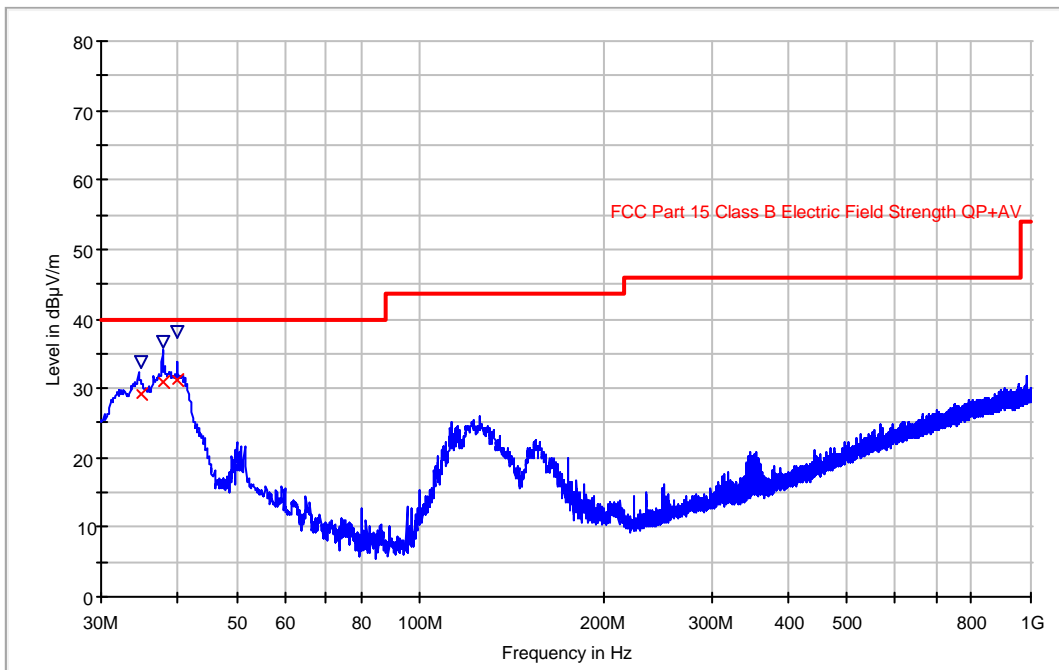
CRmmnn	Description	Result
CR0102	EUT ON. Idle UMTS FDD II. Range 30 - 1000 MHz.	P
CR0102PH	EUT ON. Idle UMTS FDD II. Range 1 – 12.5 GHz. Horizontal polarization	P
CR0102PV	EUT ON. Idle UMTS FDD II. Range 1 – 12.5 GHz. Vertical polarization	P
CR0104	EUT ON. Idle UMTS FDD V. Range 30 - 1000 MHz.	P
CR0104PH	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
CR0106	EUT ON. Idle 850 MHz. Range 30 - 1000 MHz.	P
CR0106PH	EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Horizontal polarization	P
CR0106PV	EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Vertical polarization	P
CR0108	EUT ON. Idle 1900 MHz. Range 30 - 1000 MHz.	P
CR0108PH	EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Horizontal polarization	P
CR0108PV	EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Vertical polarization	P

TEST RESULTS :		Cont.
CRmnnn	Description	Result
CR0206	EUT ON. Idle 850 MHz. Range 30 - 1000 MHz.	P
CR0206PH	EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Horizontal polarization	P
CR0206PV	EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Vertical polarization	P
CR0208	EUT ON. Idle 1900 MHz. Range 30 - 1000 MHz.	P
CR0208PH	EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Horizontal polarization	P
CR0208PV	EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Vertical polarization	P
CR0306	EUT ON. Idle 850 MHz. Range 30 - 1000 MHz.	P
CR0306PH	EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Horizontal polarization	P
CR0306PV	EUT ON. Idle 850 MHz. Range 1 – 12.5 GHz. Vertical polarization	P
CR3208	EUT ON. Idle 1900 MHz. Range 30 - 1000 MHz.	P
CR0308PH	EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Horizontal polarization	P
CR0308PV	EUT ON. Idle 1900 MHz. Range 1 – 12.5 GHz. Vertical polarization	P

Radiated Emission: CR0102 (30MHz to 1GHz)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#02
 Setup: EMI radiated
 Mode: EUT ON. IDLE UMTS FDD Band II.

FCC class B Bilog Hibrida



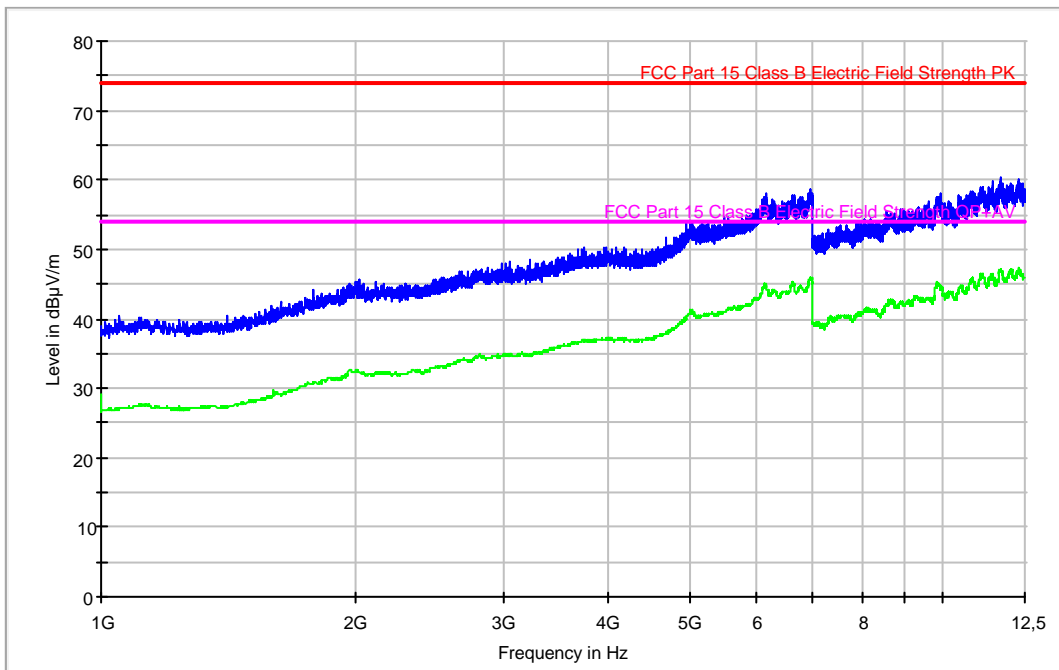
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
34.861523	29.1	33.8	100.00	V	130.0
38.045291	30.9	36.6	100.00	V	346.0
39.986974	31.3	38.2	135.00	V	208.0

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

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#02
 Setup: EMI radiated
 Mode: EUT ON. Idle UMTS FDD Band II. Horizontal polarization.

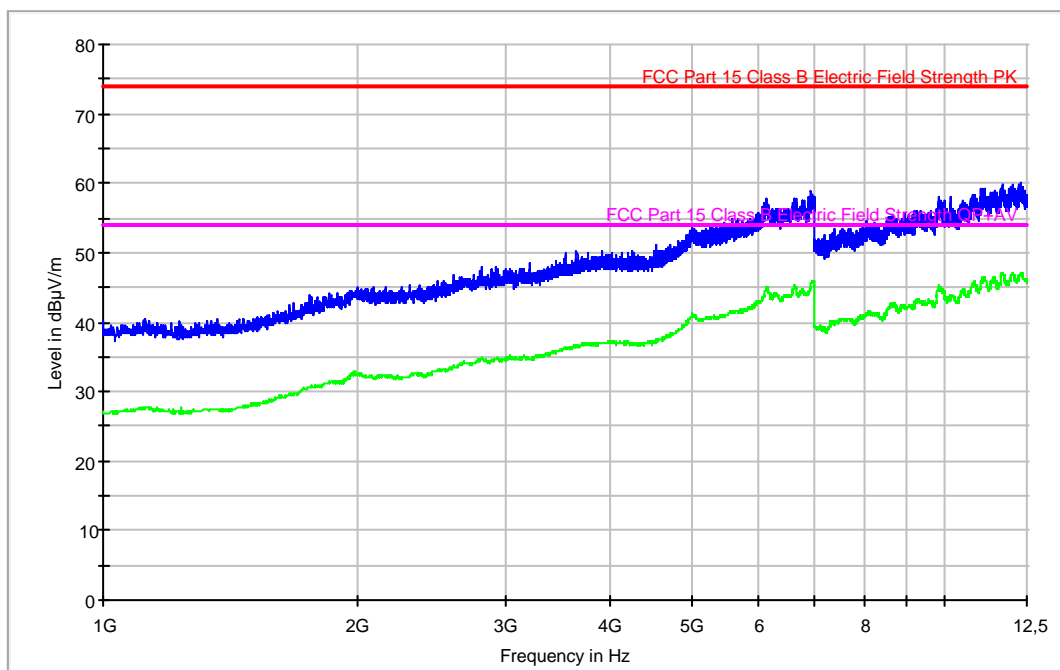
FCC 1-12.5GHz class B



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

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#02
 Setup: EMI radiated
 Mode: EUT ON. Idle UMTS FDD Band II. Vertical polarization.

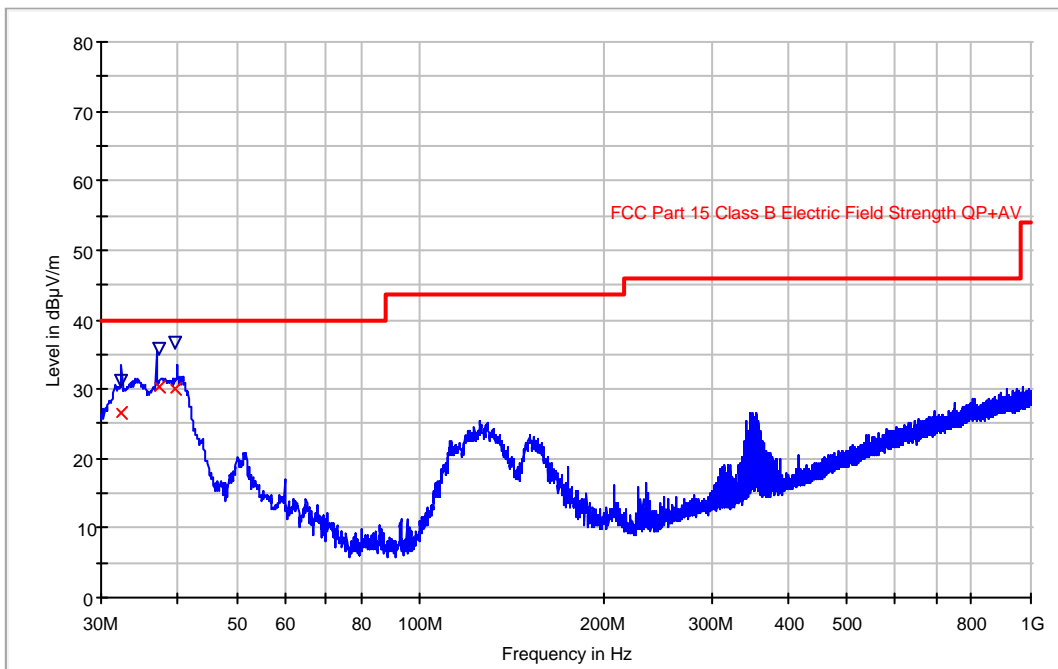
FCC 1-12.5GHz class B



Radiated Emission: CR0104 (30MHz to 1GHz)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#04
 Setup: EMI radiated
 Mode: EUT ON. IDLE UMTS FDD Band V.

FCC class B Bilog Hibrida



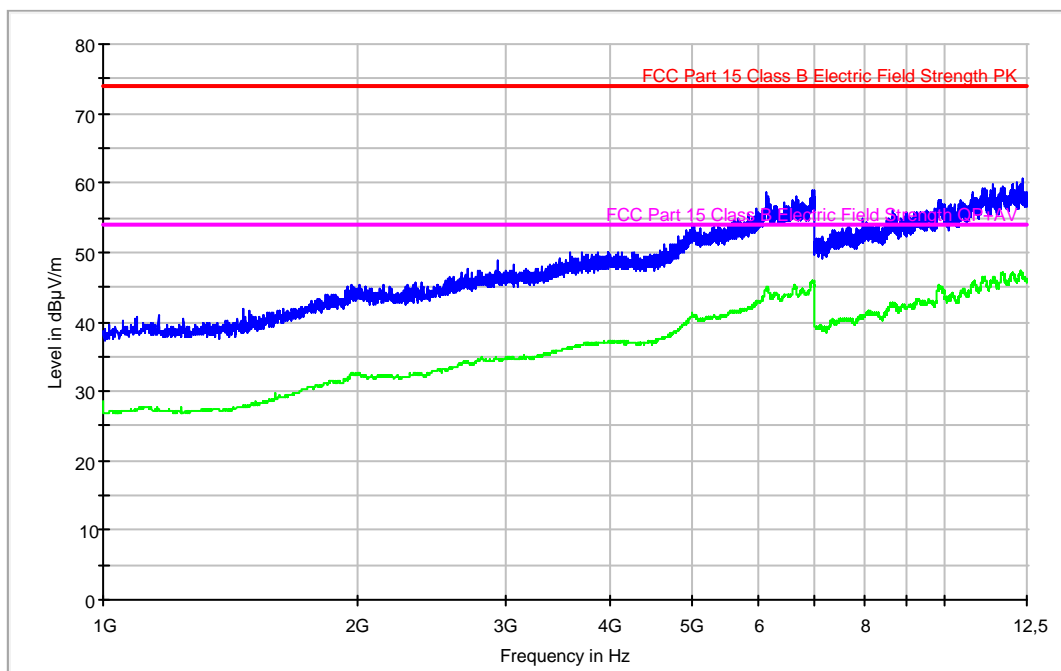
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
32.439078	26.6	31.2	97.00	V	228.0
37.455912	30.5	35.9	98.00	V	39.0
39.668337	30.1	36.5	99.00	V	206.0

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

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#04
 Setup: EMI radiated
 Mode: EUT ON. Idle UMTS FDD Band V. Horizontal polarization

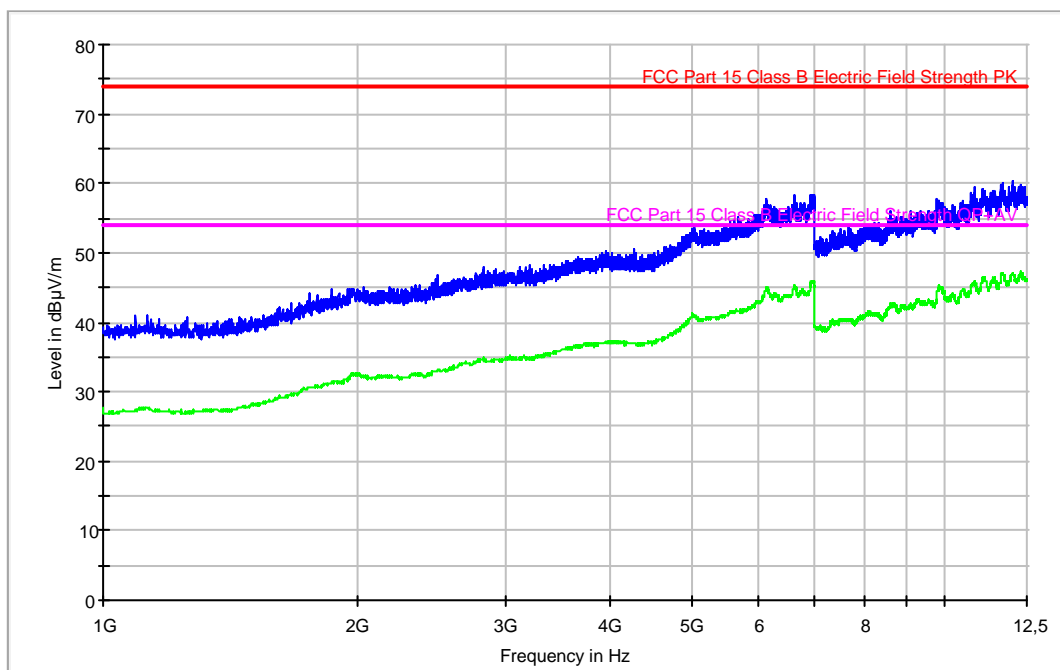
FCC 1-12.5GHz class B



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

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#04
 Setup: EMI radiated
 Mode: EUT ON. Idle FDD UMTS Band V. Vertical polarization.

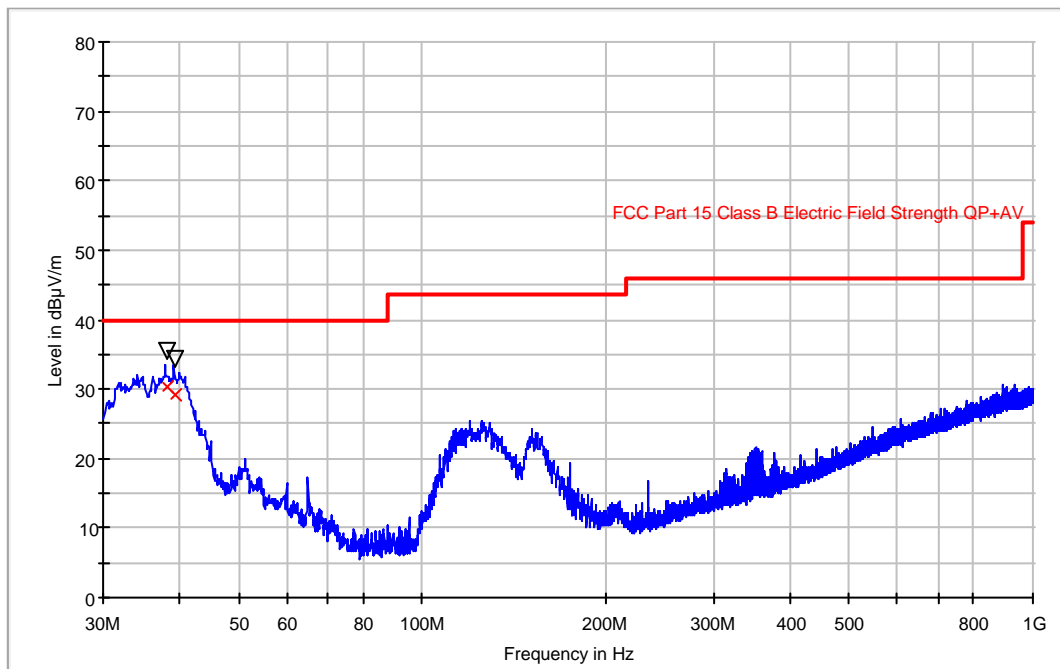
FCC 1-12.5GHz class B



Radiated Emission: CR0106 (30MHz to 1GHz)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. IDLE 850MHz.

FCC class B Bilog Hibrida



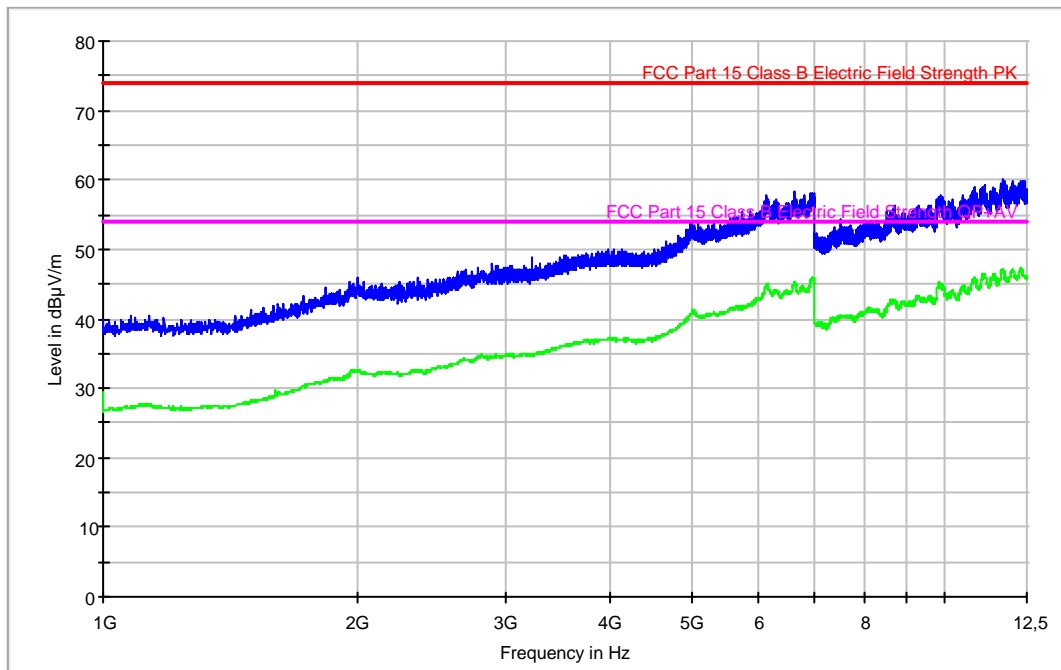
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
38.231663	30.3	35.5	98.00	V	299.0
39.279158	29.0	34.5	98.00	V	259.0

Radiated Emission: CR0106 (1GHz to 12.5GHz Horizontal polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. Idle 850MHz. Horizontal polarization.

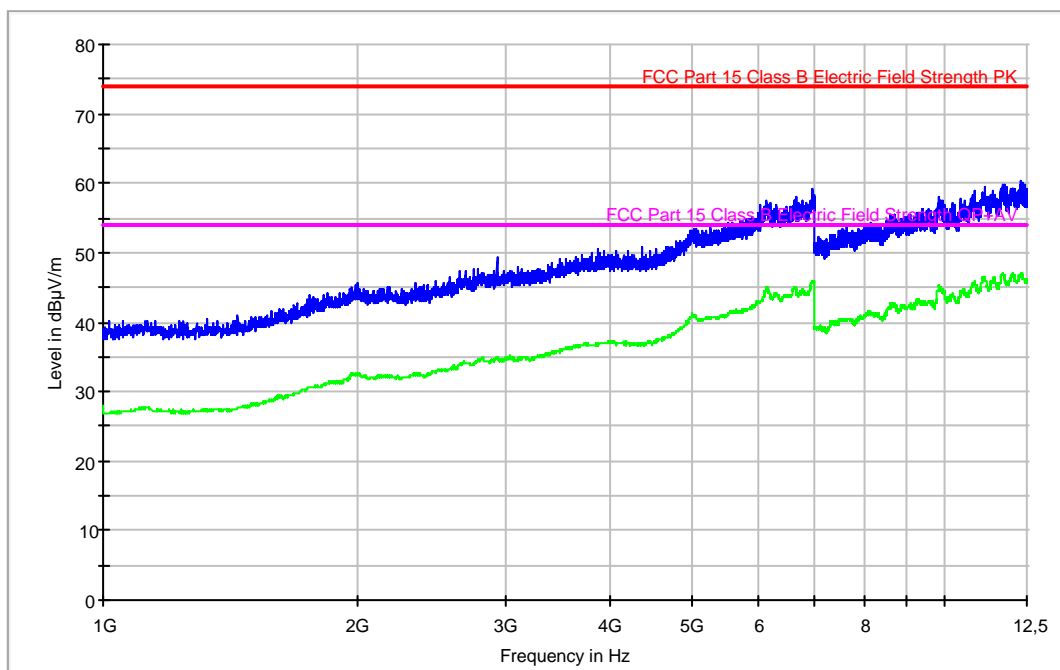
FCC 1-12.5GHz class B



Radiated Emission: CR0106 (1GHz to 12.5GHz Vertical polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. Idle 850MHz. Vertical polarization.

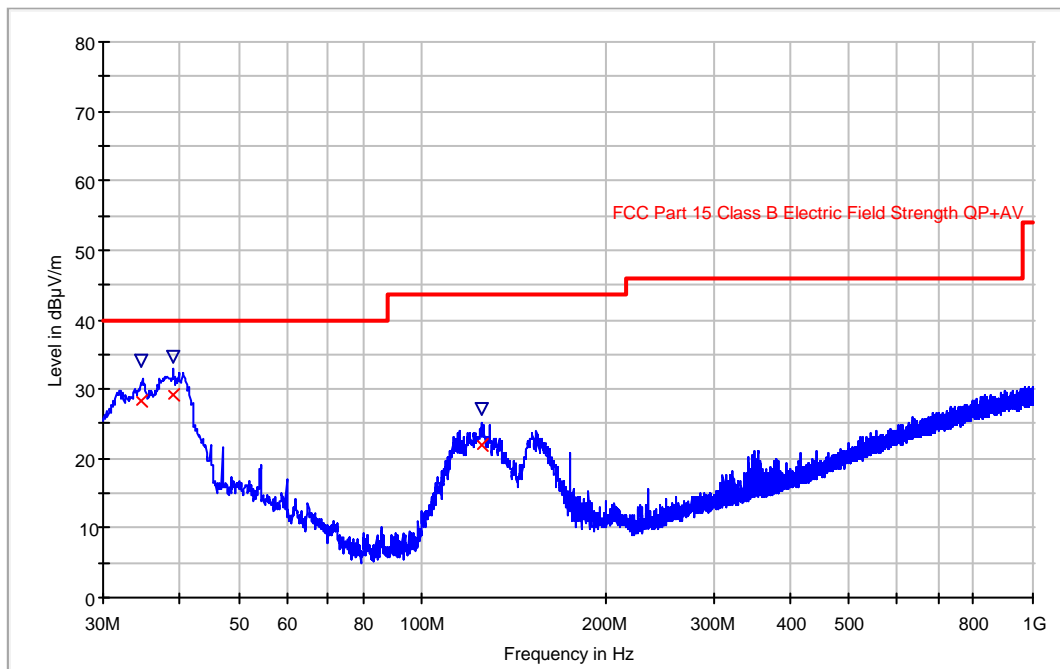
FCC 1-12.5GHz class B



Radiated Emission: CR0108 (30MHz to 1GHz)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. IDLE 1900MHz.

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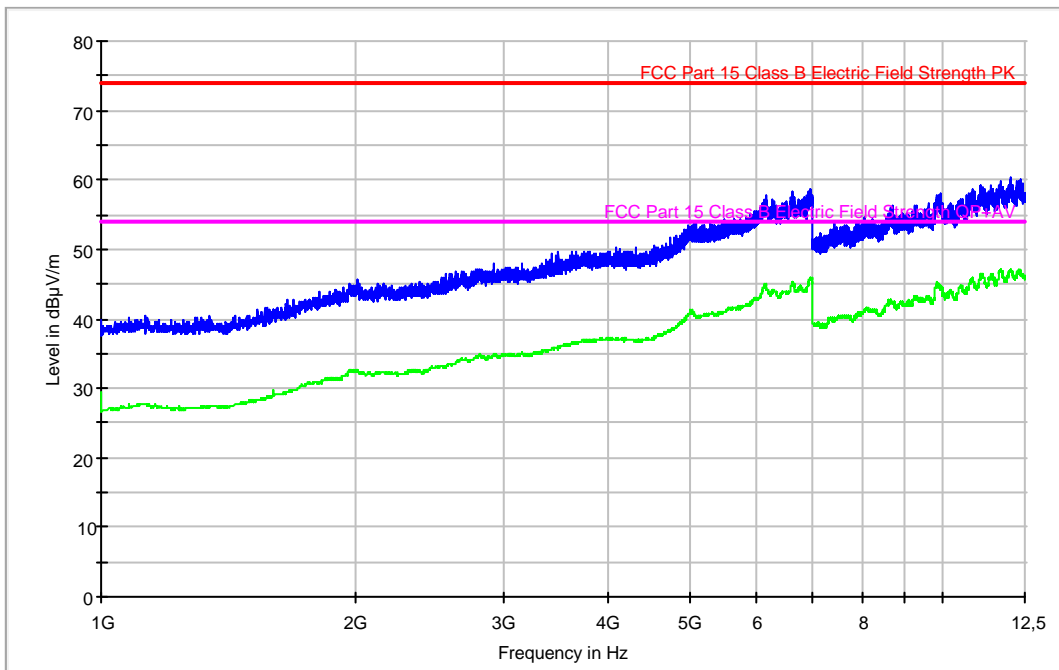
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
34.636673	28.3	34.0	98.00	V	113.0
39.175150	29.1	34.7	98.00	V	211.0
125.023447	21.9	27.2	112.00	V	201.0

Radiated Emission: CR0108 (1GHz to 12.5GHz Horizontal polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. Idle 1900MHz. Horizontal polarization.

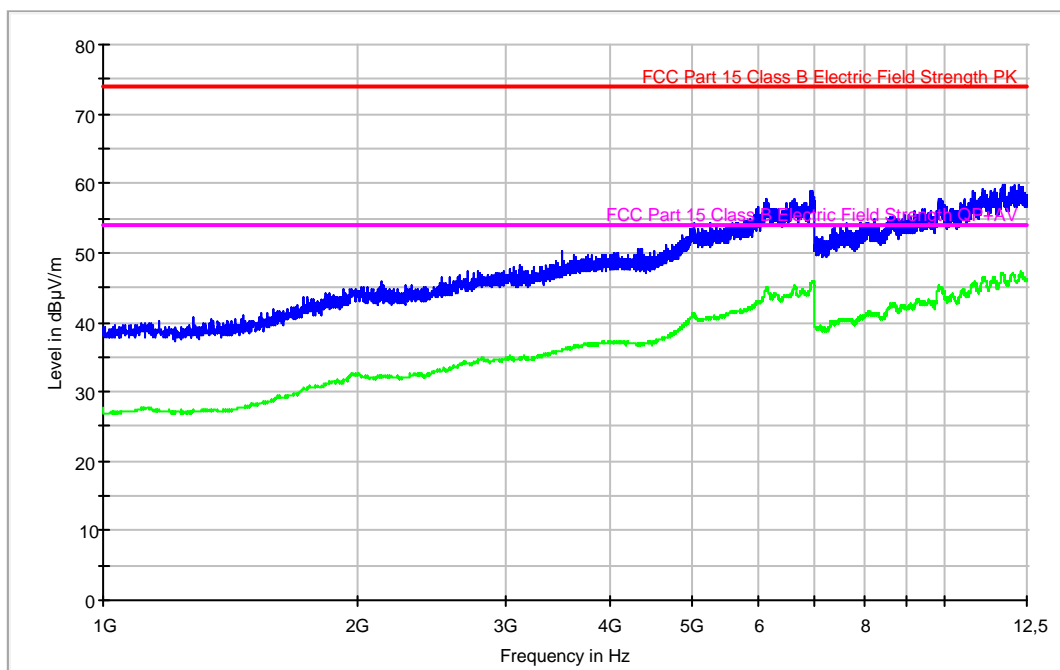
FCC 1-12.5GHz class B



Radiated Emission: CR0108 (1GHz to 12.5GHz Vertical polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. Idle 1900MHz. Vertical polarization.

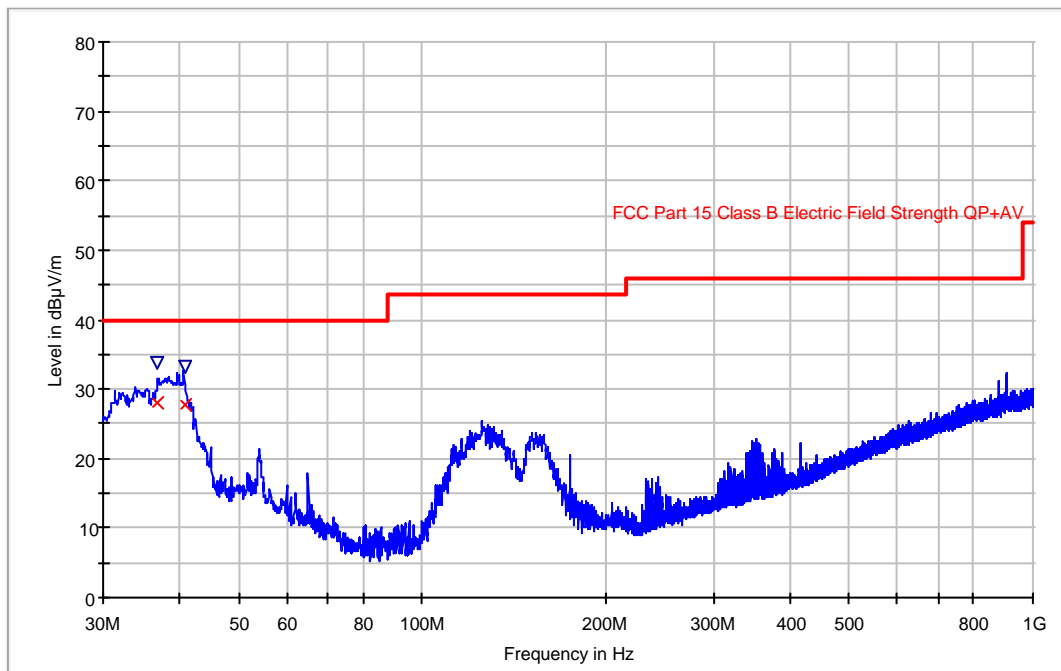
FCC 1-12.5GHz class B



Radiated Emission: CR0206 (30MHz to 1GHz)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. IDLE 850MHz.

FCC class B Bilog Hibrida



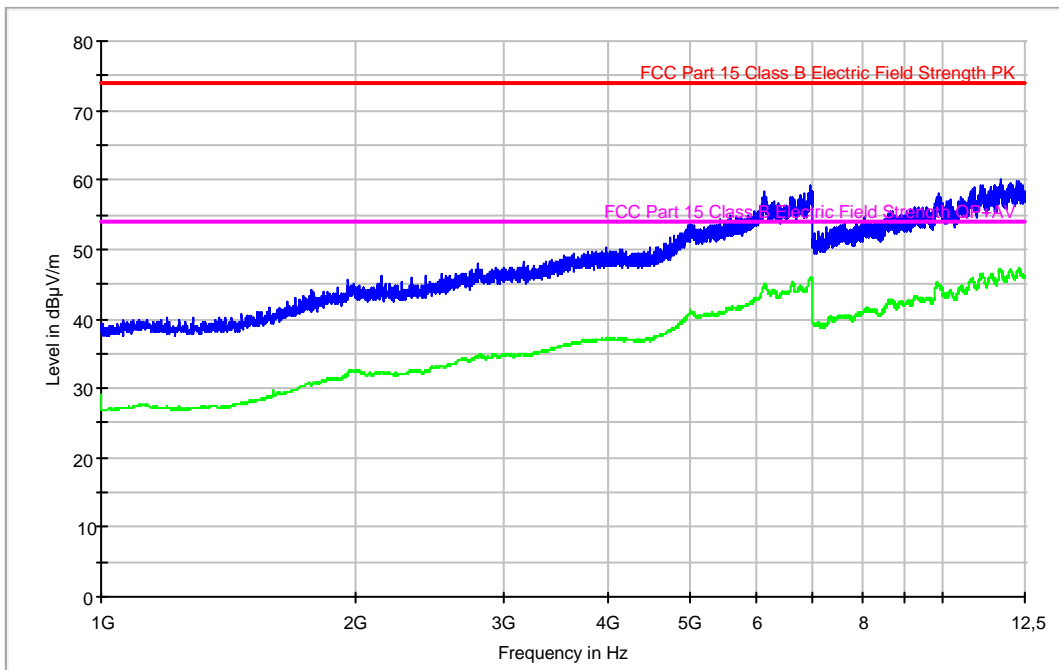
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
36.905010	28.0	33.7	100.00	V	25.0
40.791383	27.8	33.2	112.00	V	274.0

Radiated Emission: CR0206 (1GHz to 12.5GHz Horizontal polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. Idle 850MHz. Horizontal polarization.

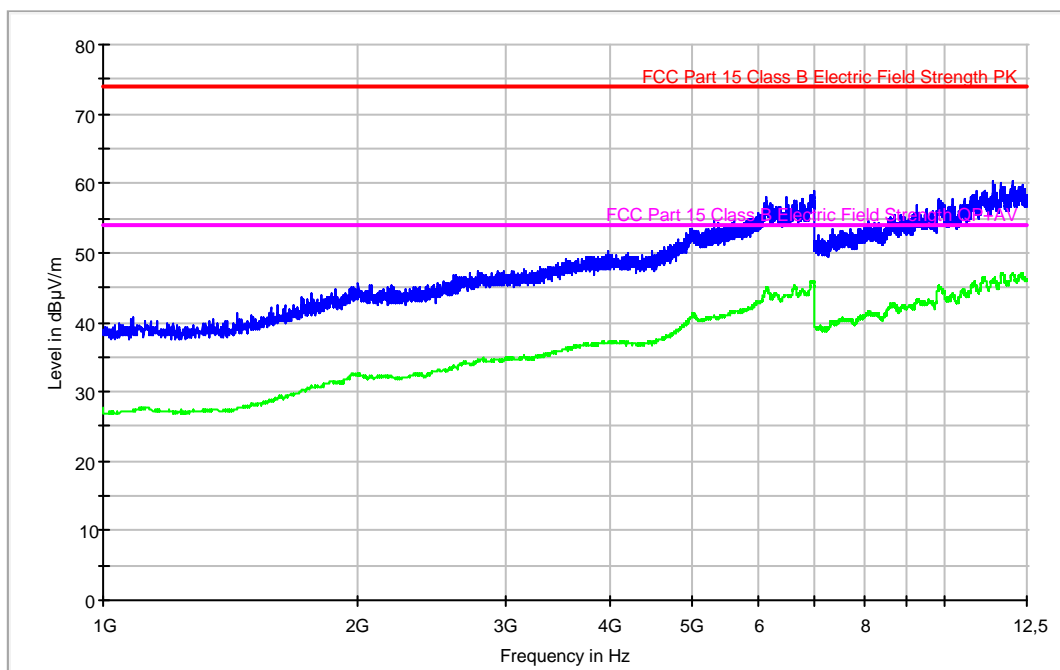
FCC 1-12.5GHz class B



Radiated Emission: CR0206 (1GHz to 12.5GHz Vertical polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. Idle 850MHz. Vertical polarization.

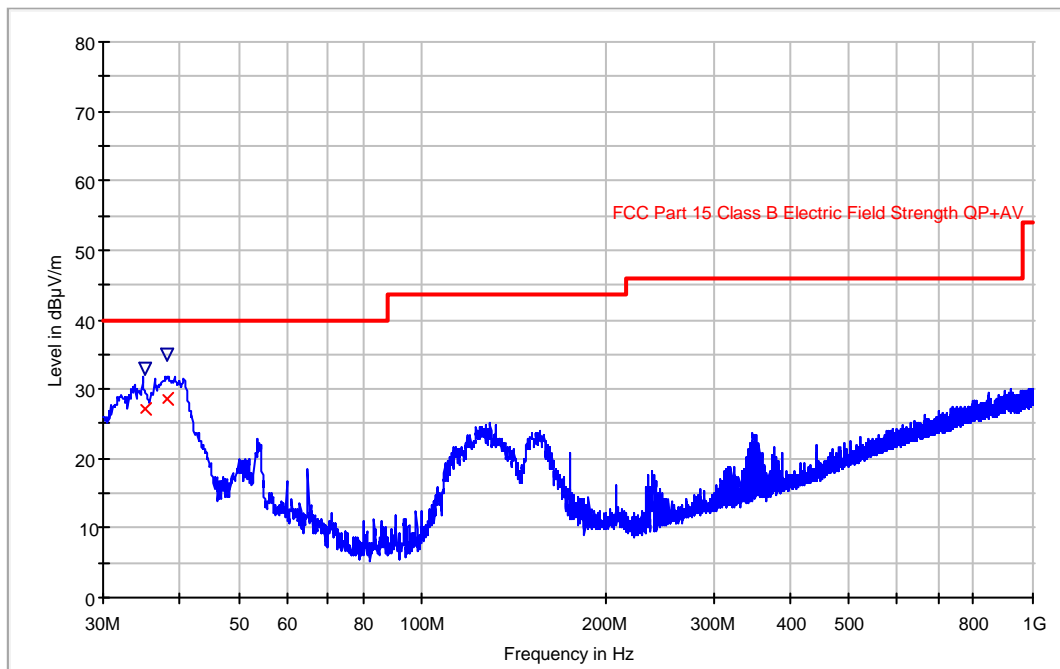
FCC 1-12.5GHz class B



Radiated Emission: CR0208 (30MHz to 1GHz)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. IDLE 1900MHz.

FCC class B Bilog Hibrida



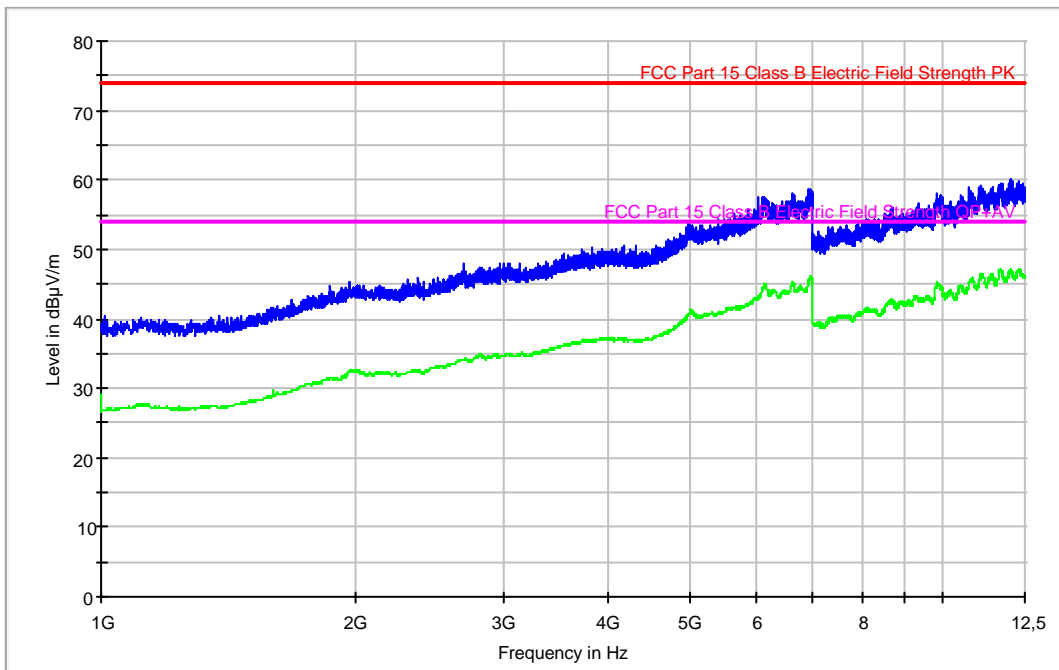
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
35.095391	27.2	32.9	98.00	V	76.0
38.226854	28.7	35.0	132.00	V	293.0

Radiated Emission: CR0208 (1GHz to 12.5GHz Horizontal polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. Idle 1900MHz. Horizontal polarization.

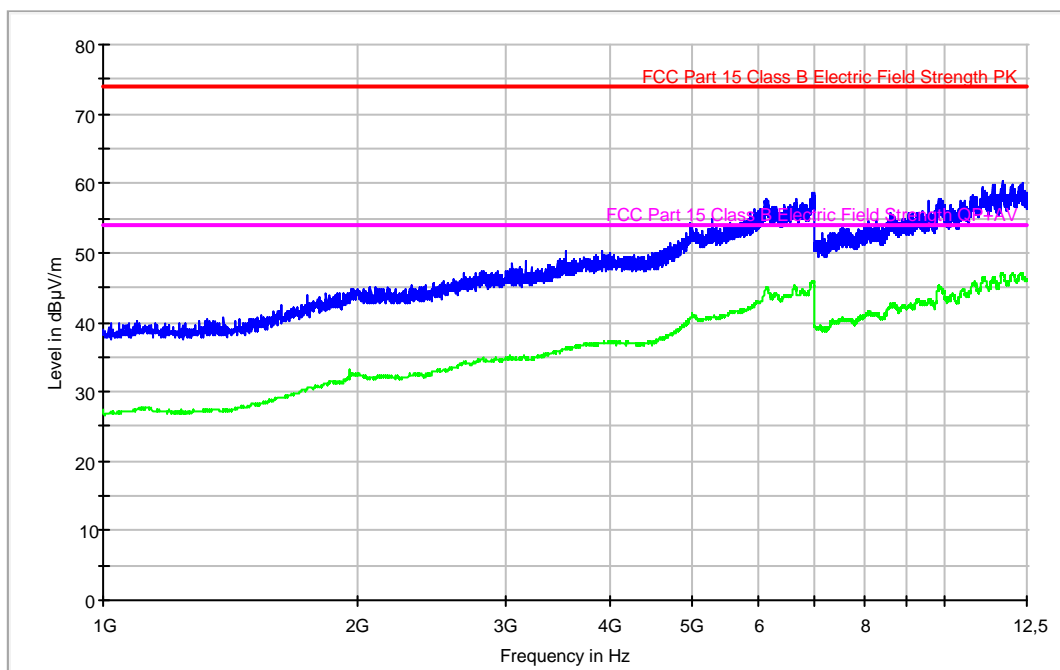
FCC 1-12.5GHz class B



Radiated Emission: CR0208 (1GHz to 12.5GHz Vertical polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. Idle 1900MHz. Vertical polarization.

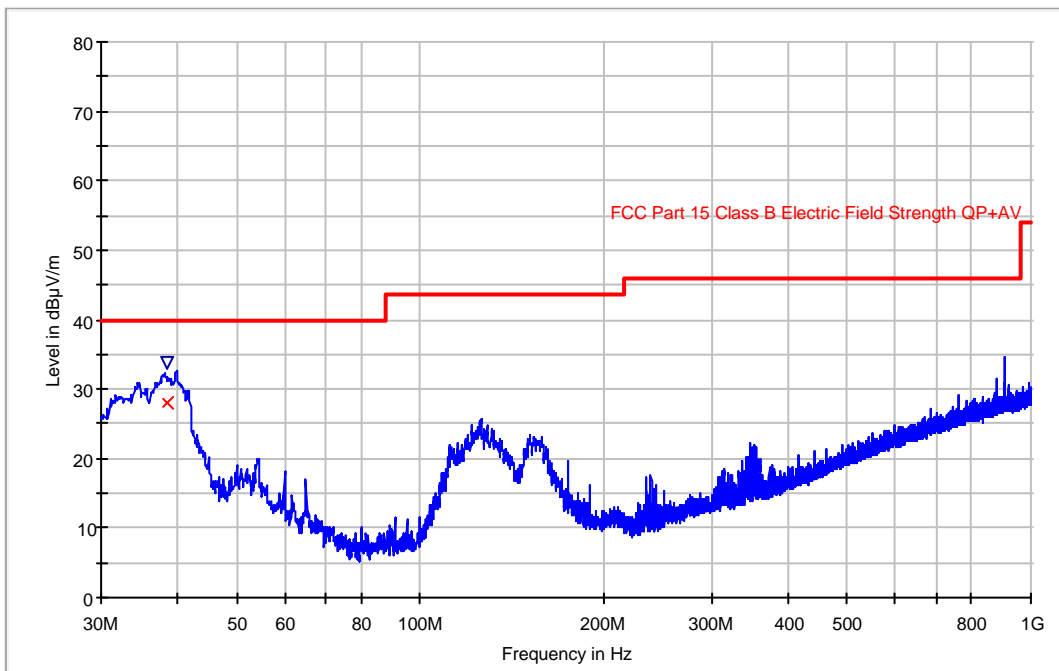
FCC 1-12.5GHz class B



Radiated Emission: CR0306 (30MHz to 1GHz)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. IDLE 850MHz.

FCC class B Bilog Hibrida



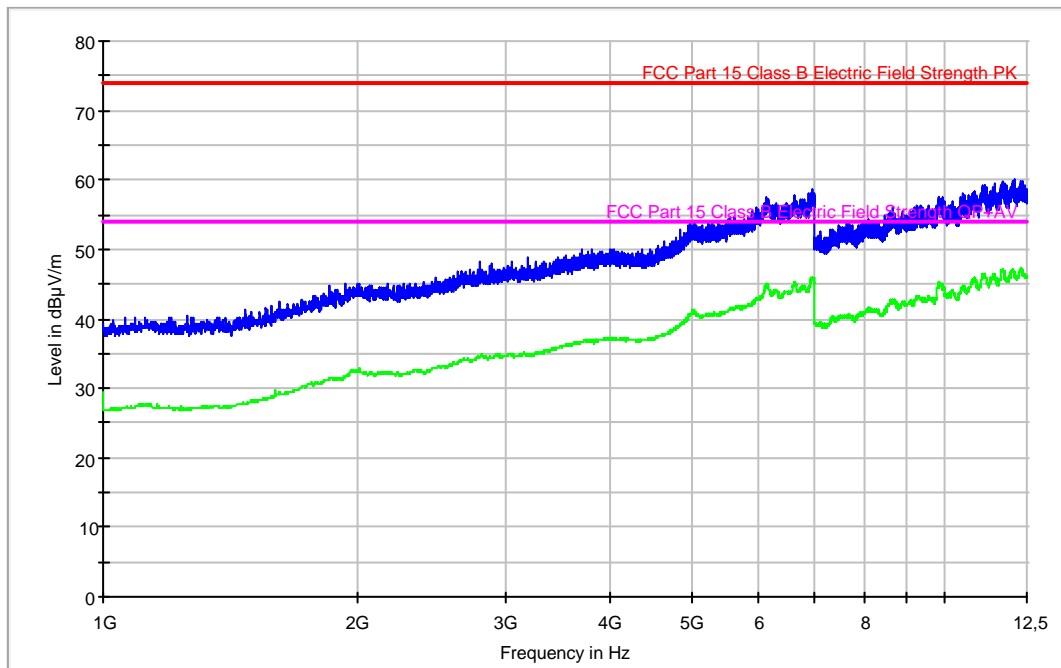
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
38.515431	27.9	33.7	130.00	V	38.0

Radiated Emission: CR0306 (1GHz to 12.5GHz Horizontal polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. Idle 850MHz. Horizontal polarization.

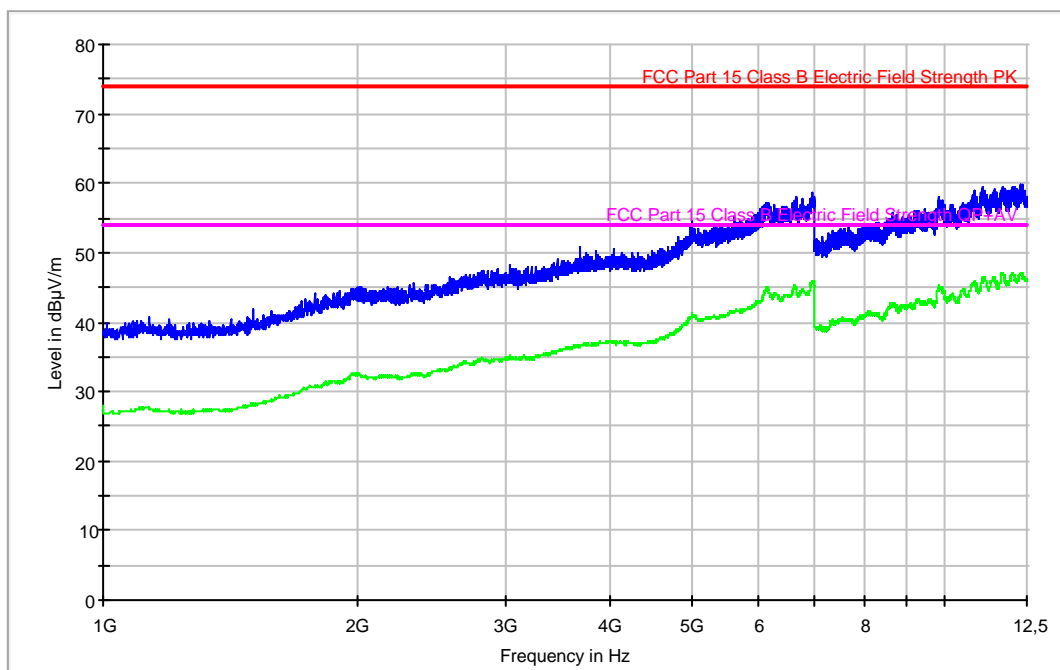
FCC 1-12.5GHz class B



Radiated Emission: CR0306 (1GHz to 12.5GHz Vertical polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#06
 Setup: EMI radiated
 Mode: EUT ON. Idle 850MHz. Vertical polarization.

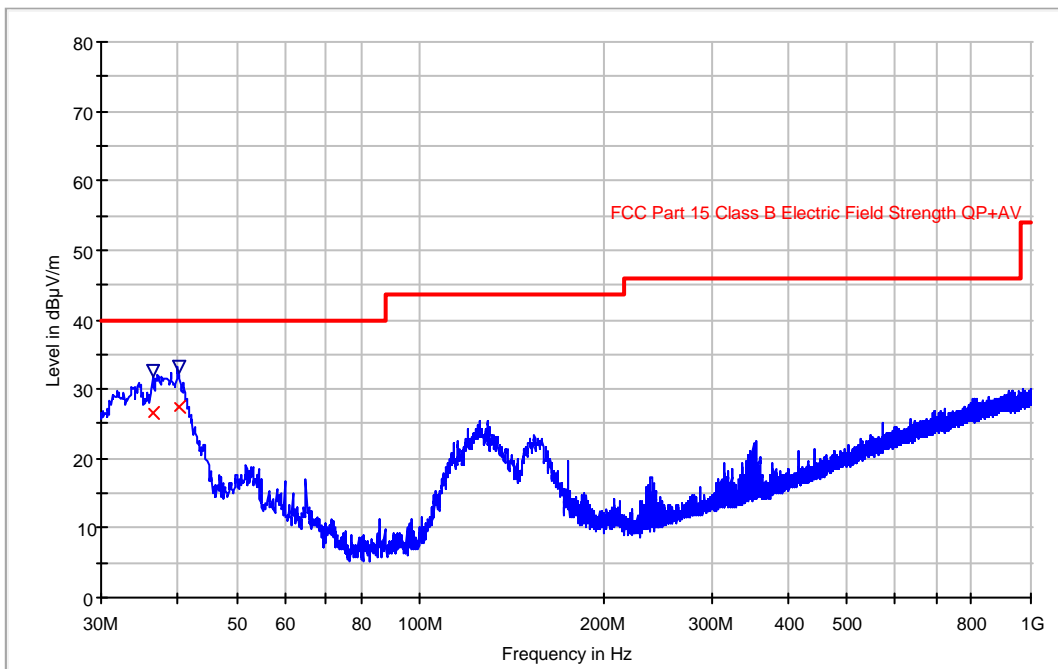
FCC 1-12.5GHz class B



Radiated Emission: CR0308 (30MHz to 1GHz)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. IDLE 1900MHz.

FCC class B Bilog Hibrida



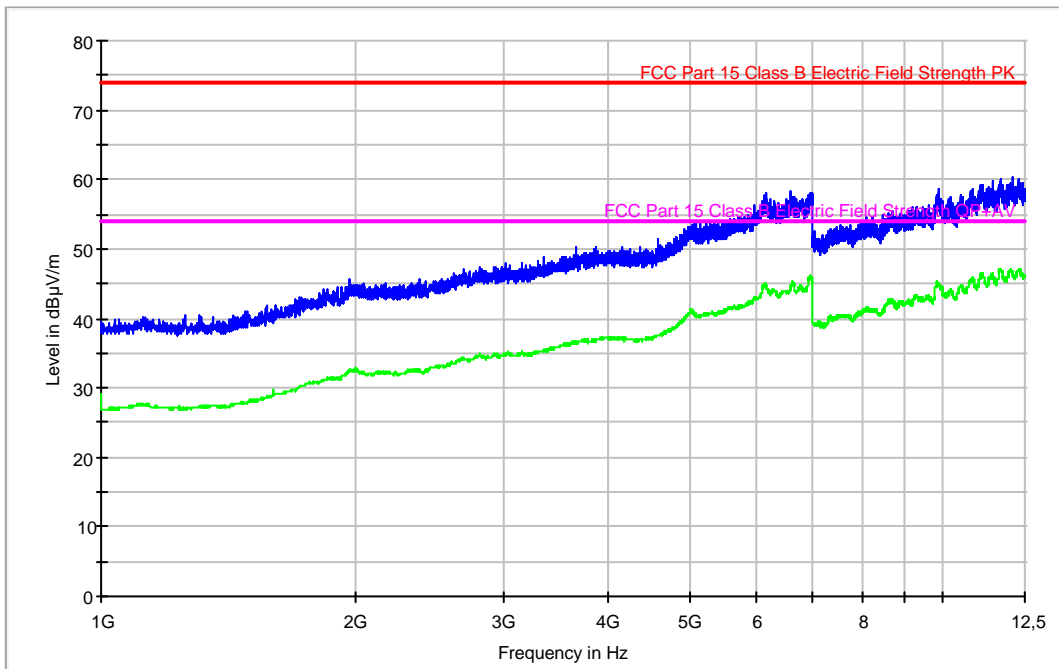
Maximized

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Antenna height (cm)	Polarity	Turntable position (deg)
36.553307	26.6	32.6	123.00	V	20.0
40.269539	27.4	33.2	162.00	V	273.0

Radiated Emission: CR0308 (1GHz to 12.5GHz Horizontal polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. Idle 1900MHz. Horizontal polarization.

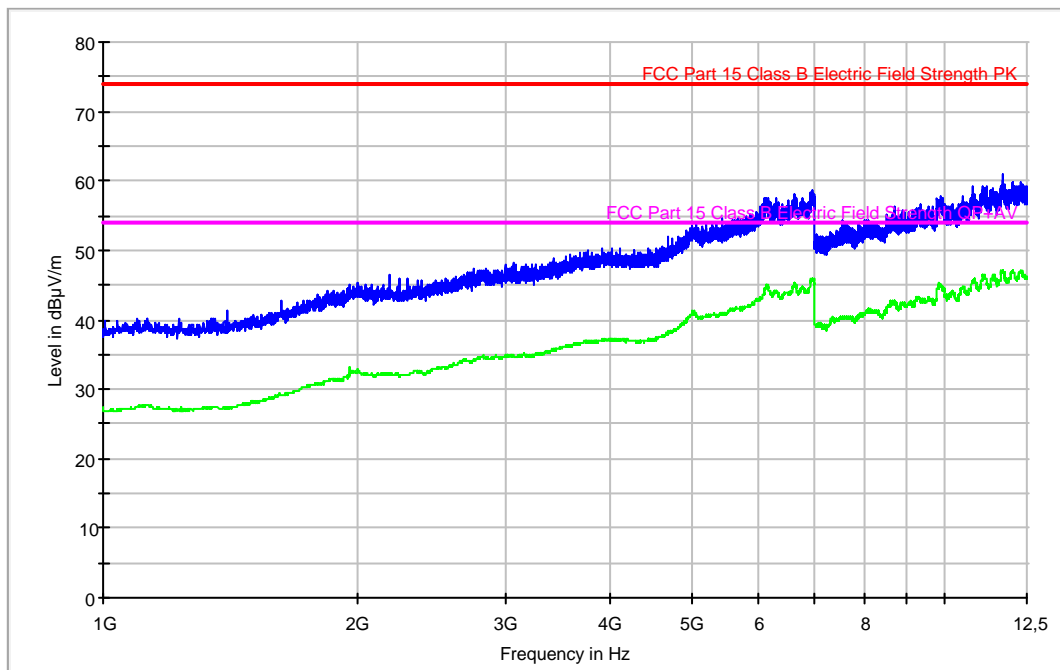
FCC 1-12.5GHz class B



Radiated Emission: CR0308 (1GHz to 12.5GHz Vertical polarisation)

Project: 31912iem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#08
 Setup: EMI radiated
 Mode: EUT ON. Idle 1800MHz. 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 & 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 (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; S/02 & S/03
TESTED OPERATION MODES:	OM#01 to OM#08
TEST RESULTS :	CCmmnnhh: CC, Conducted Condition; mm: Sample number; nn: Operation mode; hh: wire

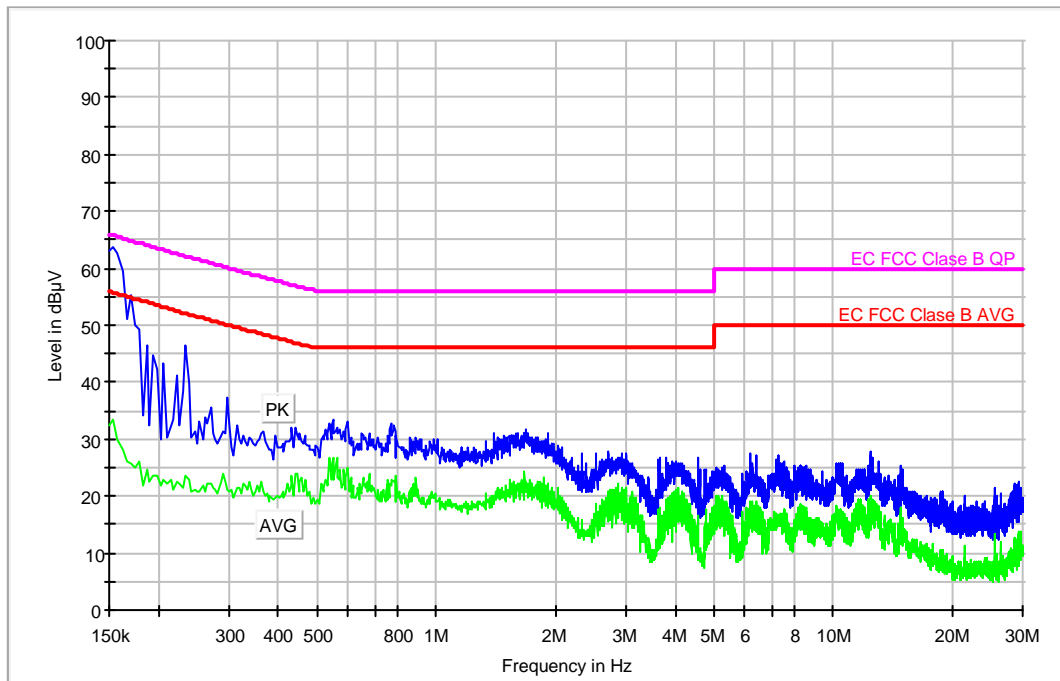
CCmmnnhh	Description	Result
CC0101L1	Phase wire noise	P
CC01010N	Neutral wire noise	P
CC0102L1	Phase wire noise	P
CC01020N	Neutral wire noise	P
CC0103L1	Phase wire noise	P
CC01030N	Neutral wire noise	P
CC0104L1	Phase wire noise	P
CC01040N	Neutral wire noise	P
CC0105L1	Phase wire noise	P
CC01050N	Neutral wire noise	P
CC0106L1	Phase wire noise	P
CC01060N	Neutral wire noise	P
CC0107L1	Phase wire noise	P
CC01070N	Neutral wire noise	P
CC0108L1	Phase wire noise	P
CC01080N	Neutral wire noise	P
CC0205L1	Phase wire noise	P
CC02050N	Neutral wire noise	P
CC0206L1	Phase wire noise	P
CC02060N	Neutral wire noise	P
CC0207L1	Phase wire noise	P
CC02070N	Neutral wire noise	P
CC0208L1	Phase wire noise	P
CC02080N	Neutral wire noise	P
CC0305L1	Phase wire noise	P
CC03050N	Neutral wire noise	P
CC0306L1	Phase wire noise	P
CC03060N	Neutral wire noise	P
CC0307L1	Phase wire noise	P
CC03070N	Neutral wire noise	P
CC0308L1	Phase wire noise	P
CC03080N	Neutral wire noise	P

Continuous Conducted emission : CC01010N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#01
 Date: 2010-09-06 11:55
 Setup: EMI conducted
 Mode: EUT ON. TCH UMTS FDD Band II. Neutral noise.

EC FCC Clase B ESPI CC



Maximized

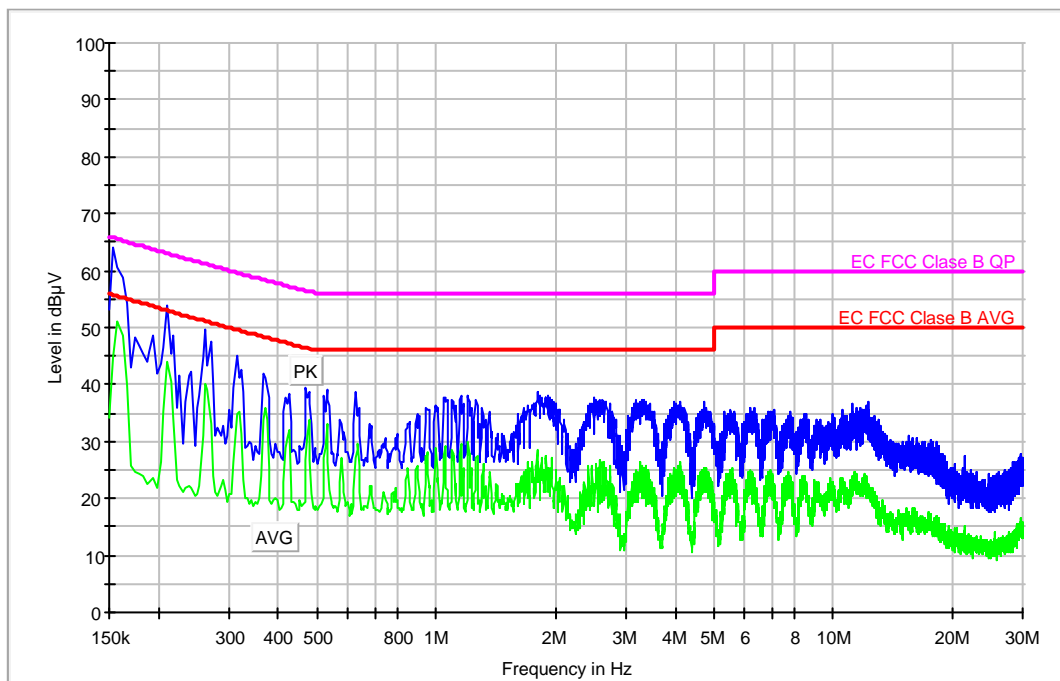
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	63.6	33.6
0.234000	46.6	23.7
0.186000	46.4	24.7
0.194000	44.8	23.6
0.206000	43.4	23.0
0.222000	41.1	22.6
0.298000	37.2	21.3
0.270000	35.5	22.1
0.550000	33.5	26.7
1.686000	31.7	22.0
12.466000	27.8	20.2
2.706000	27.8	16.8
2.526000	27.6	18.6

Continuous Conducted emission : CC0101L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#01
 Date: 2010-09-06 12:37
 Setup: EMI conducted
 Mode: EUT ON. TCH UMTS FDD Band II. Phase noise.

EC FCC Class B ESPI CC



Maximized

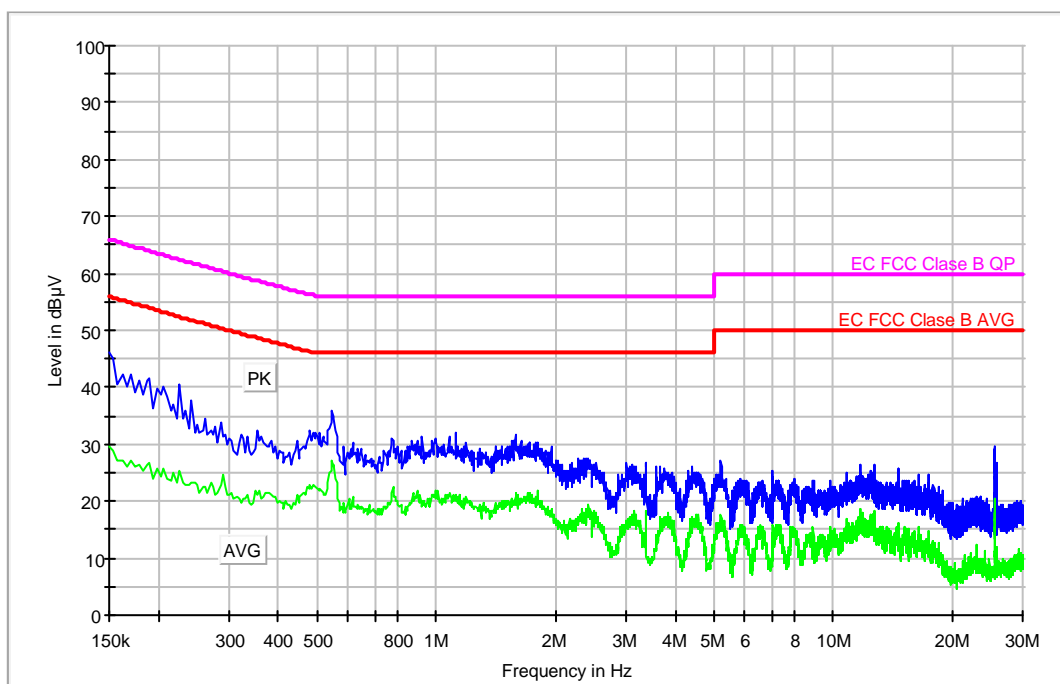
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	64.1	44.6
0.210000	53.9	43.9
0.262000	49.5	40.1
0.314000	44.9	35.0
0.242000	42.1	21.9
0.366000	41.8	34.0
0.470000	39.4	26.7
0.530000	39.1	33.1
1.802000	38.6	26.1
0.626000	38.6	27.1
0.426000	38.2	32.1
1.198000	38.0	24.1
1.154000	38.0	29.6

Continuous Conducted emission : CC01020N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#02
 Date: 2010-09-06 14:18
 Setup: EMI conducted
 Mode: EUT ON. IDLE UMTS FDD Band II. Neutral noise.

EC FCC Class B ESPI CC



Maximized

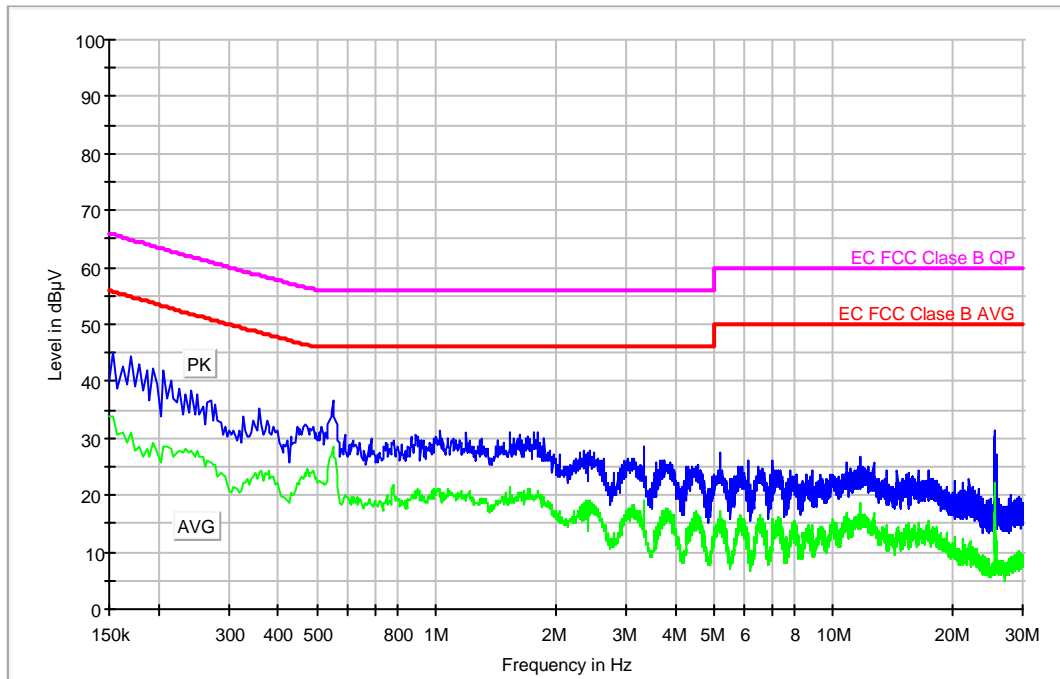
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	46.2	29.5
0.546000	35.9	26.9
1.122000	32.1	20.5
1.578000	31.5	20.9
25.582000	29.7	16.2
25.554000	27.7	9.9
25.642000	27.5	11.2
5.218000	26.9	17.4
25.658000	26.9	10.2
3.390000	26.9	16.2
3.022000	26.6	15.3
12.674000	26.6	18.3
11.730000	26.4	18.7

Continuous Conducted emission : CC0102L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#02
 Date: 2010-09-06 14:21
 Setup: EMI conducted
 Mode: EUT ON. IDLE UMTS FDD Band II. Phase noise.

EC FCC Class B ESPI CC



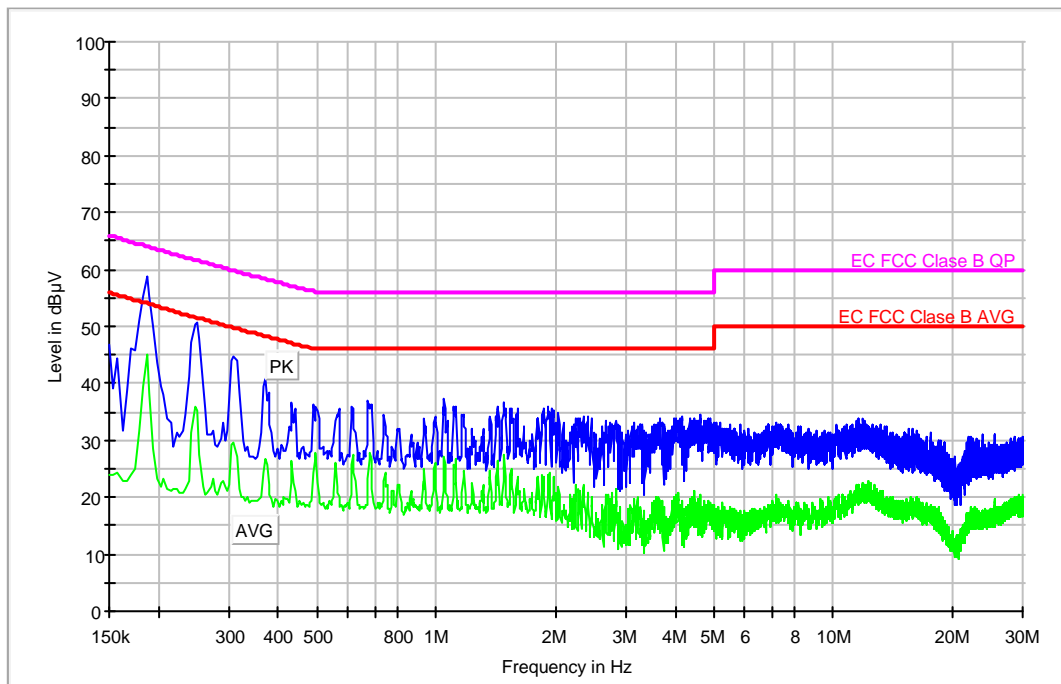
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	45.2	33.7
0.206000	42.0	28.4
0.550000	36.6	28.4
25.626000	31.2	15.7
25.590000	30.2	16.8
25.598000	30.2	15.5
3.338000	28.4	18.8
25.578000	28.4	12.9
25.642000	28.3	17.1
5.170000	27.5	15.1
25.666000	27.1	10.6
11.682000	26.9	18.6
7.010000	26.2	15.8

Continuous Conducted emission : CC01030N Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#03
 Date: 2010-09-06 14:08
 Setup: EMI conducted
 Mode: EUT ON. TCH UMTS FDD Band V. Neutral noise.

EC FCC Class B ESPI CC



Maximized

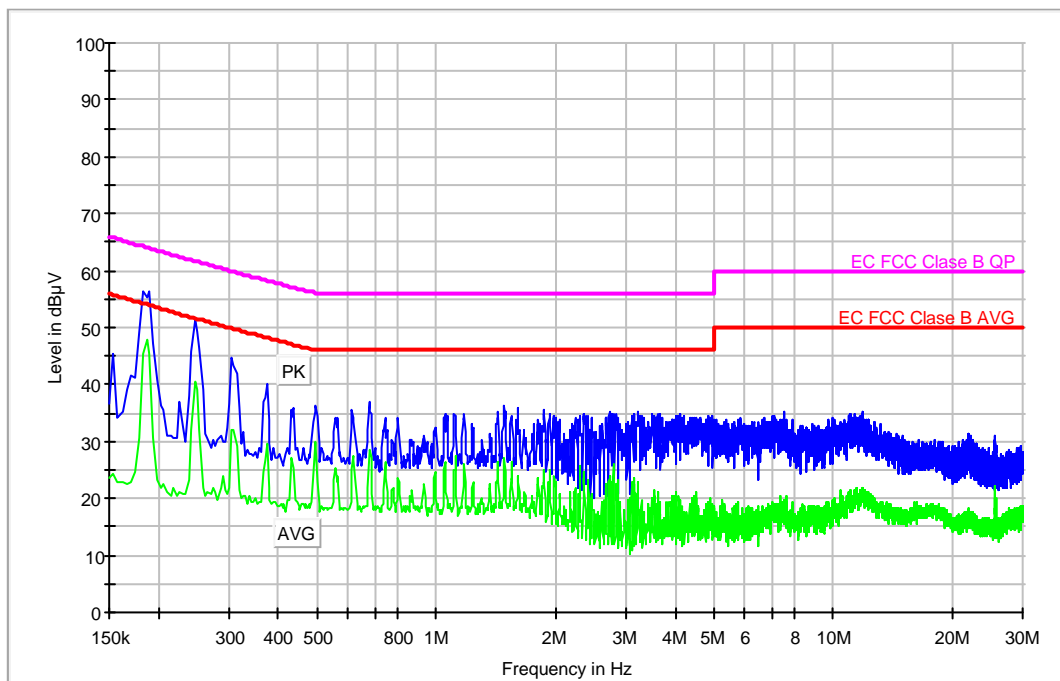
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.186000	58.7	45.2
0.250000	50.6	35.1
0.150000	47.0	24.1
0.310000	44.8	29.6
0.370000	40.7	26.6
1.050000	37.3	27.1
0.674000	36.9	23.4
0.434000	36.5	26.4
1.482000	36.5	25.2
0.490000	36.2	24.4
0.614000	36.0	25.8
1.118000	35.9	26.7
1.426000	35.8	26.3

Continuous Conducted emission : CC0103L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#03
 Date: 2010-09-06 14:13
 Setup: EMI conducted
 Mode: EUT ON. TCH UMTS FDD Band V. Phase noise.

EC FCC Class B ESPI CC



Maximized

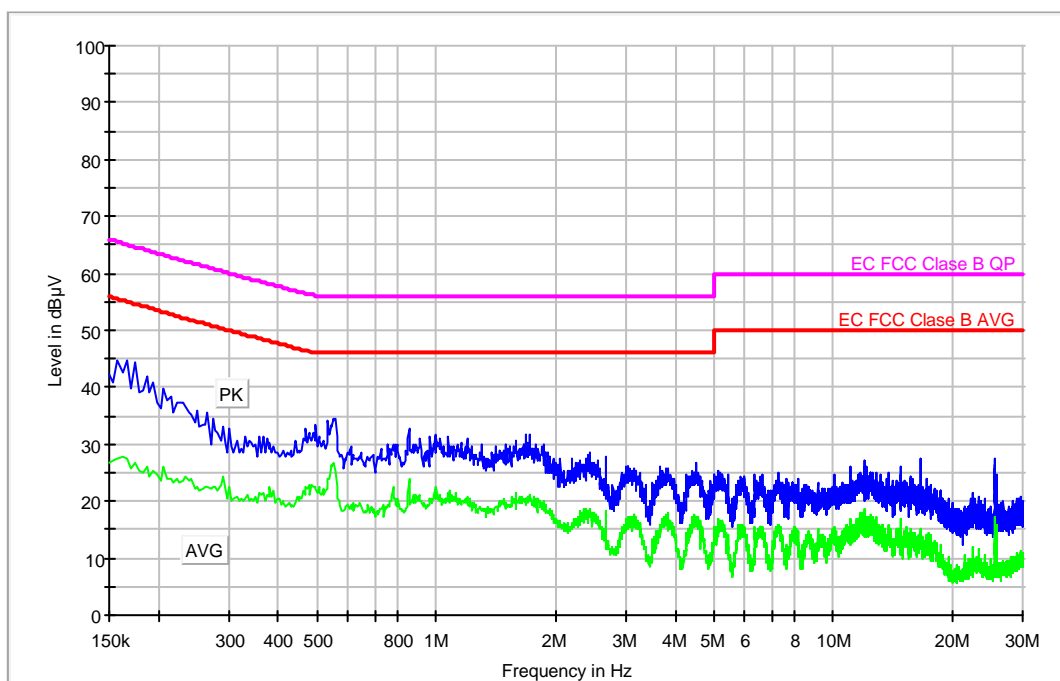
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.182000	56.5	45.5
0.246000	51.3	40.5
0.154000	45.2	24.5
0.306000	44.6	32.0
0.374000	40.0	29.4
0.226000	37.0	21.3
0.678000	37.0	28.4
0.498000	36.4	29.8
1.486000	36.1	27.2
0.438000	36.1	25.3
1.606000	36.0	23.8
0.614000	35.6	25.0
1.862000	35.6	25.1

Continuous Conducted emission : CC01040N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#04
 Date: 2010-09-06 14:25
 Setup: EMI conducted
 Mode: EUT ON. IDLE UMTS FDD Band V. Neutral noise.

EC FCC Class B ESPI CC



Maximized

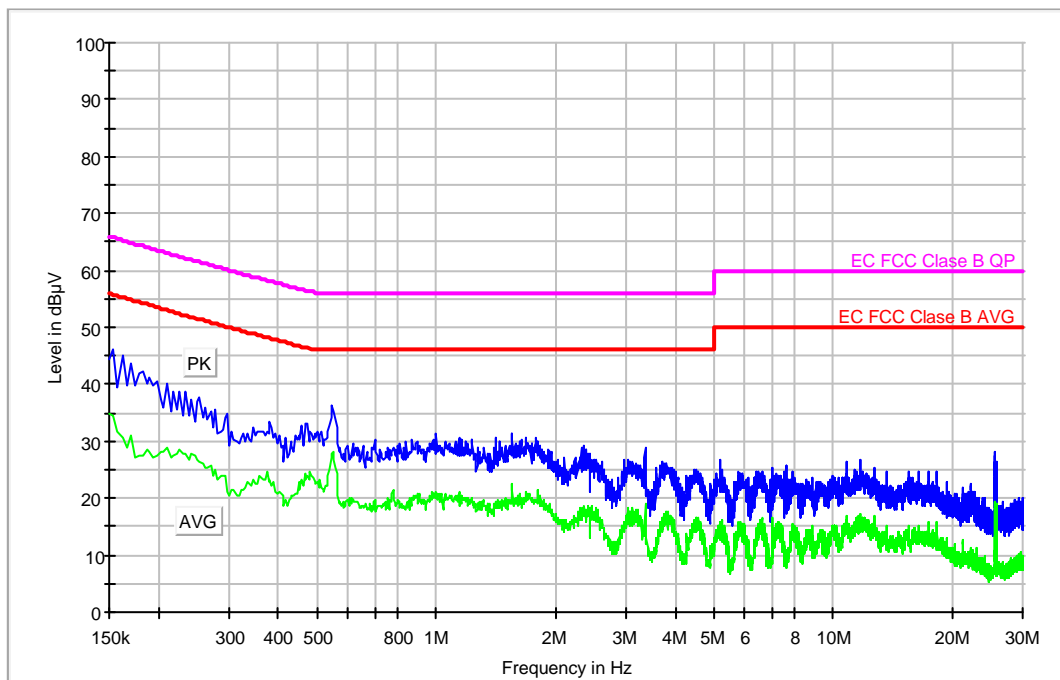
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	44.6	27.5
0.558000	34.5	25.4
0.854000	32.6	23.8
1.722000	31.7	21.0
2.674000	27.7	18.4
25.594000	27.5	13.7
16.654000	27.4	15.3
11.942000	27.3	18.8
4.514000	26.7	16.6
14.770000	26.2	17.0
3.018000	26.2	17.0
3.654000	26.0	14.6
11.002000	25.9	16.7

Continuous Conducted emission : CC0104L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#04
 Date: 2010-09-06 14:28
 Setup: EMI conducted
 Mode: EUT ON. IDLE UMTS FDD Band V. Phase noise.

EC FCC Class B ESPI CC



Maximized

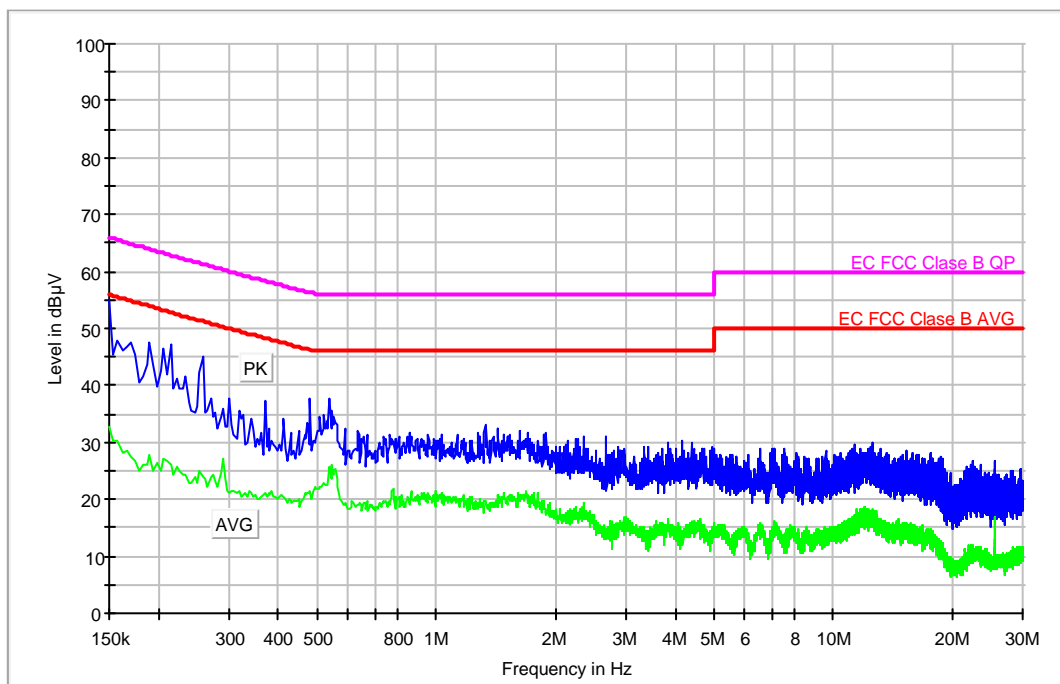
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	46.3	34.6
0.546000	36.4	27.7
1.554000	31.3	22.4
2.350000	29.2	17.0
3.358000	28.7	19.2
25.594000	28.3	13.4
2.446000	27.8	17.9
25.618000	27.4	19.3
11.706000	26.8	16.9
5.198000	26.6	15.9
25.666000	26.4	18.9
3.690000	26.4	14.3
10.762000	26.3	16.7

Continuous Conducted emission : CC01050N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#05
 Date: 2010-09-06 14:53
 Setup: EMI conducted
 Mode: EUT ON. TCH 850MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

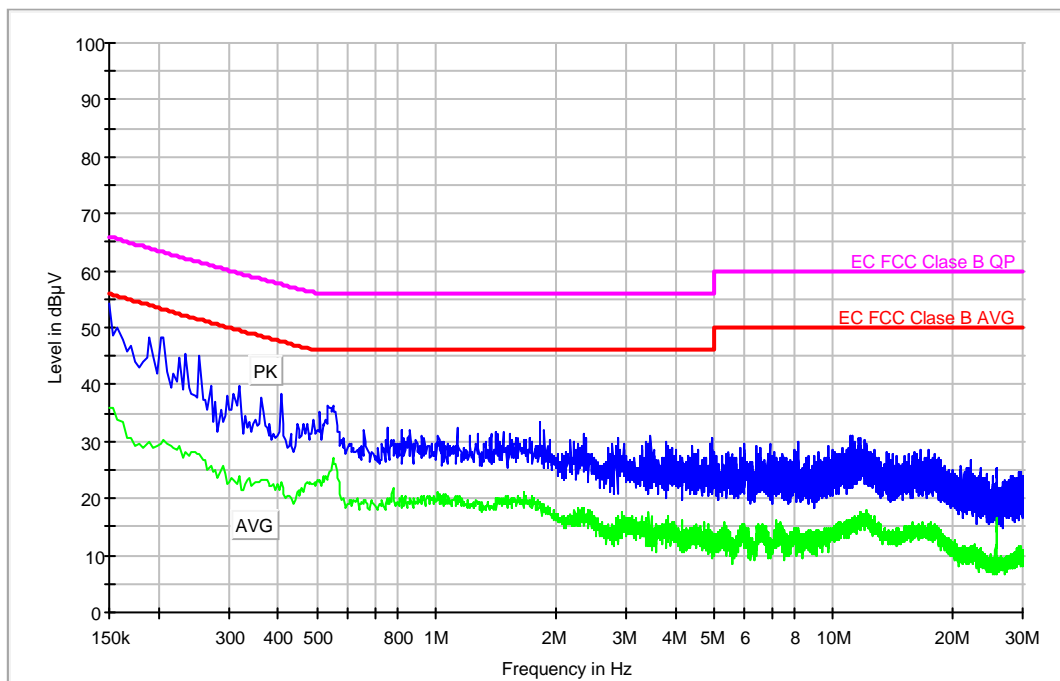
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	54.9	32.8
0.190000	47.5	27.7
0.214000	47.1	26.0
0.258000	45.0	24.0
0.482000	37.8	21.4
0.538000	37.5	25.5
0.370000	37.2	21.1
1.326000	33.1	19.6
1.898000	31.9	17.4
2.354000	31.0	18.7
2.678000	30.9	13.0
2.250000	30.5	16.8
4.170000	30.2	14.2

Continuous Conducted emission : CC0105L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#05
 Date: 2010-09-07 08:44
 Setup: EMI conducted
 Mode: EUT ON. TCH 850MHz. Phasel noise.

EC FCC Class B ESPI CC



Maximized

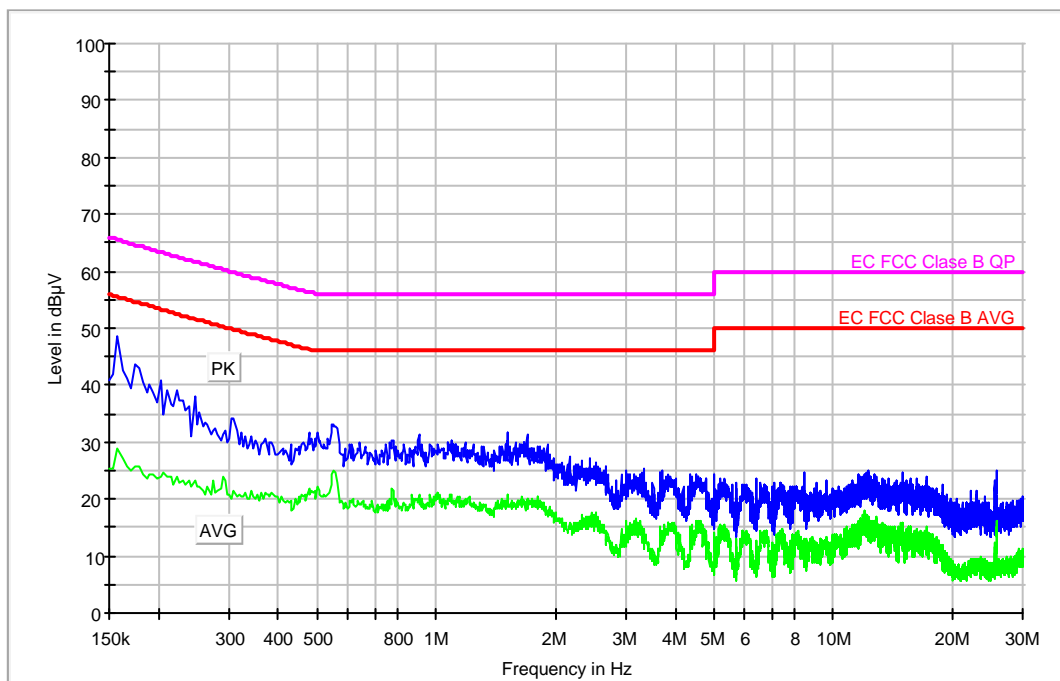
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	54.3	36.1
0.206000	48.3	30.2
0.234000	45.5	28.1
0.254000	45.2	28.0
0.318000	39.6	23.9
0.406000	38.4	22.9
0.362000	37.6	23.1
0.550000	36.3	27.1
1.822000	33.4	19.4
1.130000	32.6	20.4
0.754000	32.3	19.2
1.874000	32.0	18.6
1.474000	31.7	20.0

Continuous Conducted emission : CC01060N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#06
 Date: 2010-09-07 12:08
 Setup: EMI conducted
 Mode: EUT ON. IDLE 850MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

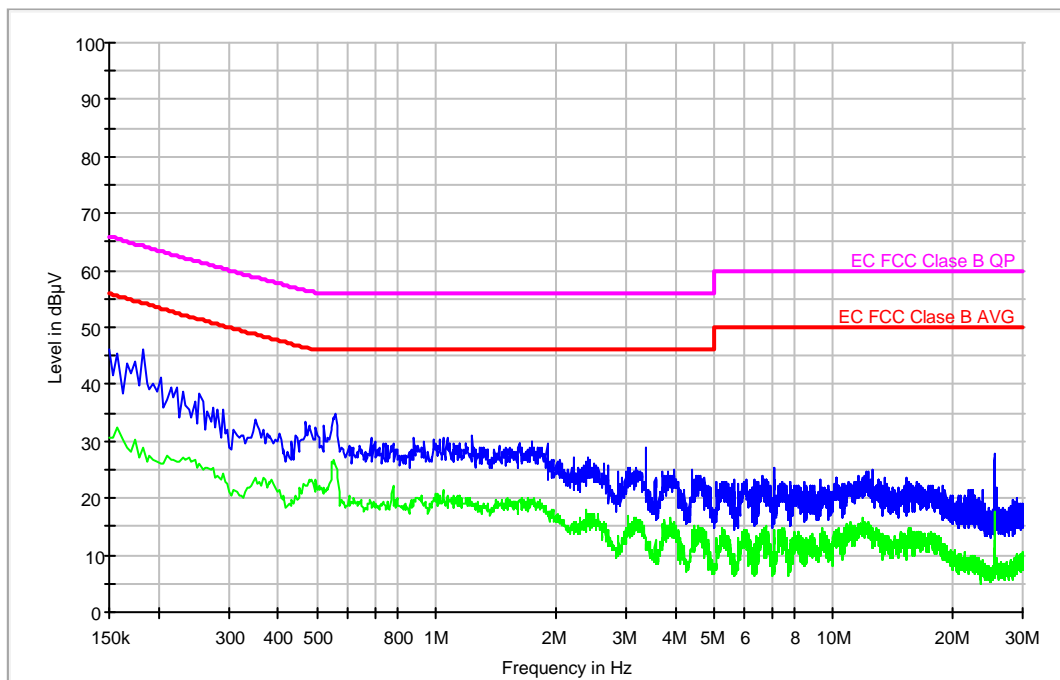
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	48.4	28.8
0.246000	38.1	23.3
0.550000	33.0	24.9
1.518000	31.7	20.7
3.346000	25.5	12.8
25.666000	24.9	16.2
12.226000	24.8	16.9
3.690000	24.8	12.9
14.994000	24.8	15.2
8.486000	24.5	13.2
4.354000	24.4	13.9
5.026000	24.2	13.2
17.246000	23.8	15.1

Continuous Conducted emission : CC0106L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#06
 Date: 2010-09-07 12:11
 Setup: EMI conducted
 Mode: EUT ON. IDLE 850MHz. Phase noise.

EC FCC Class B ESPI CC



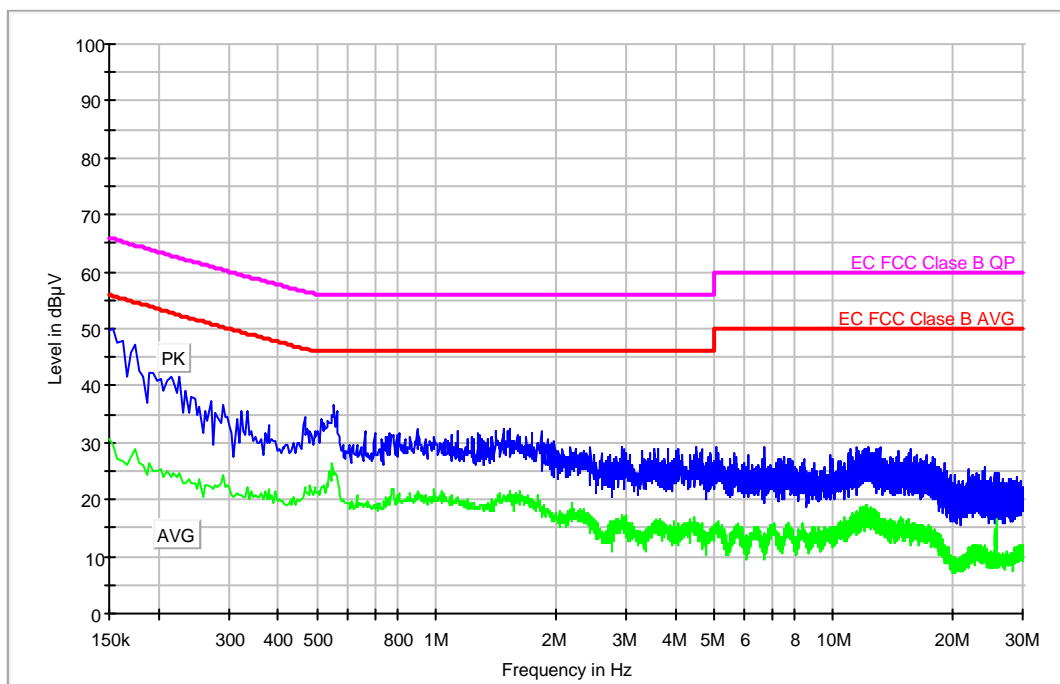
Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	46.2	30.7
0.182000	46.1	29.0
0.558000	35.0	25.7
3.386000	28.8	12.4
25.626000	27.8	11.3
2.402000	27.2	16.9
25.590000	27.0	17.7
25.554000	26.6	9.5
7.098000	25.4	14.3
12.610000	24.9	14.8
3.970000	24.9	15.2
4.398000	24.8	13.4
2.878000	24.6	12.6

Continuous Conducted emission : CC01070N	Detector : Peak / Average / Cuasi-peak
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Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#07
 Date: 2010-09-07 09:34
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

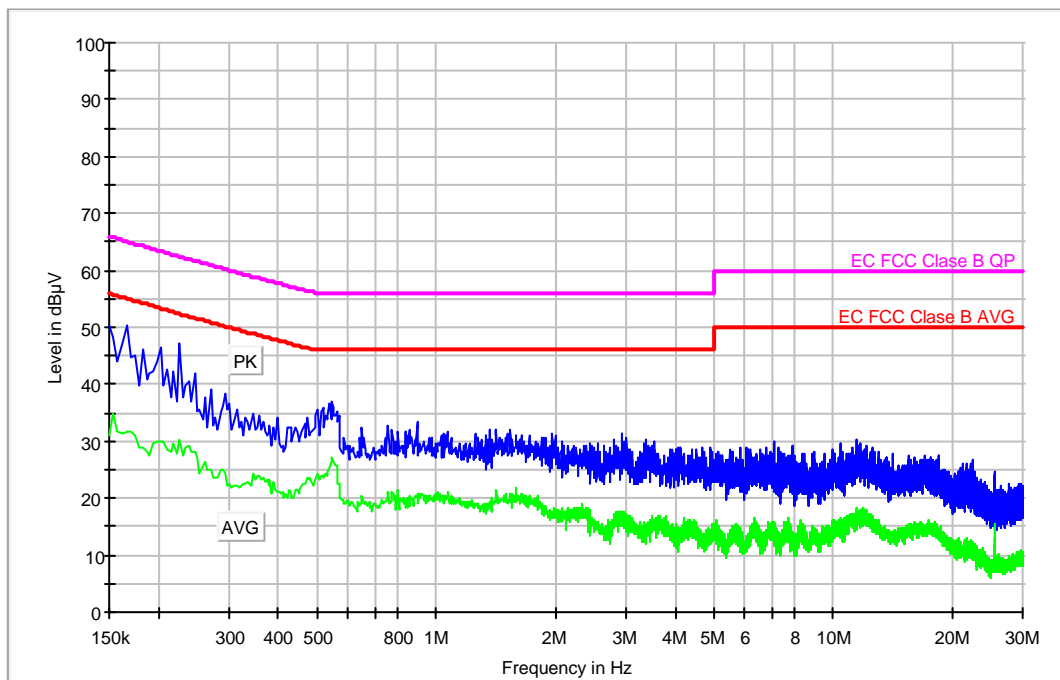
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	49.8	29.7
0.554000	36.6	24.3
0.290000	36.5	24.5
0.322000	35.5	20.8
1.482000	32.4	20.4
0.894000	32.3	21.3
1.986000	30.1	16.8
2.938000	29.2	17.3
11.502000	29.2	16.2
5.074000	29.2	15.7
4.510000	29.1	15.3
13.074000	29.1	15.8
2.450000	29.1	16.6

Continuous Conducted emission : CC0107L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#07
 Date: 2010-09-07 09:40
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Phase noise.

EC FCC Class B ESPI CC



Maximized

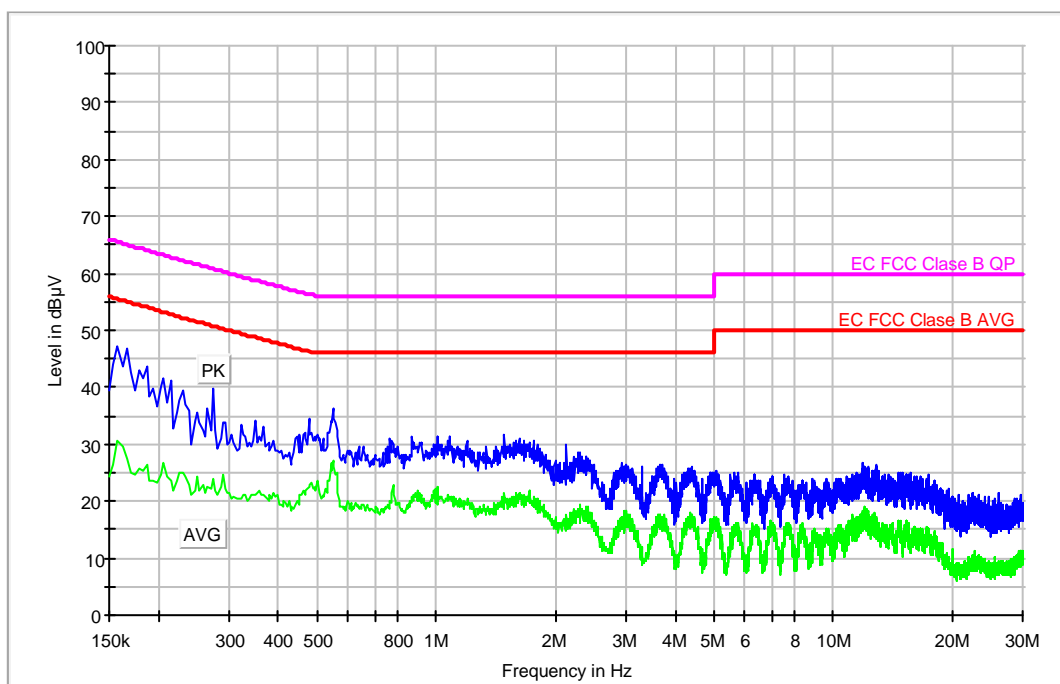
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.166000	50.5	31.5
0.150000	50.3	31.1
0.226000	47.2	30.3
0.202000	46.4	30.1
0.270000	39.2	25.2
0.294000	38.2	24.3
0.546000	37.1	27.0
0.894000	33.5	19.9
1.538000	32.1	20.6
1.362000	32.0	19.4
2.934000	31.3	17.7
1.966000	31.2	17.4
3.022000	30.7	16.0

Continuous Conducted emission : CC01080N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#0o
 Date: 2010-09-07 09:45
 Setup: EMI conducted
 Mode: EUT ON. IDLE 1900MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

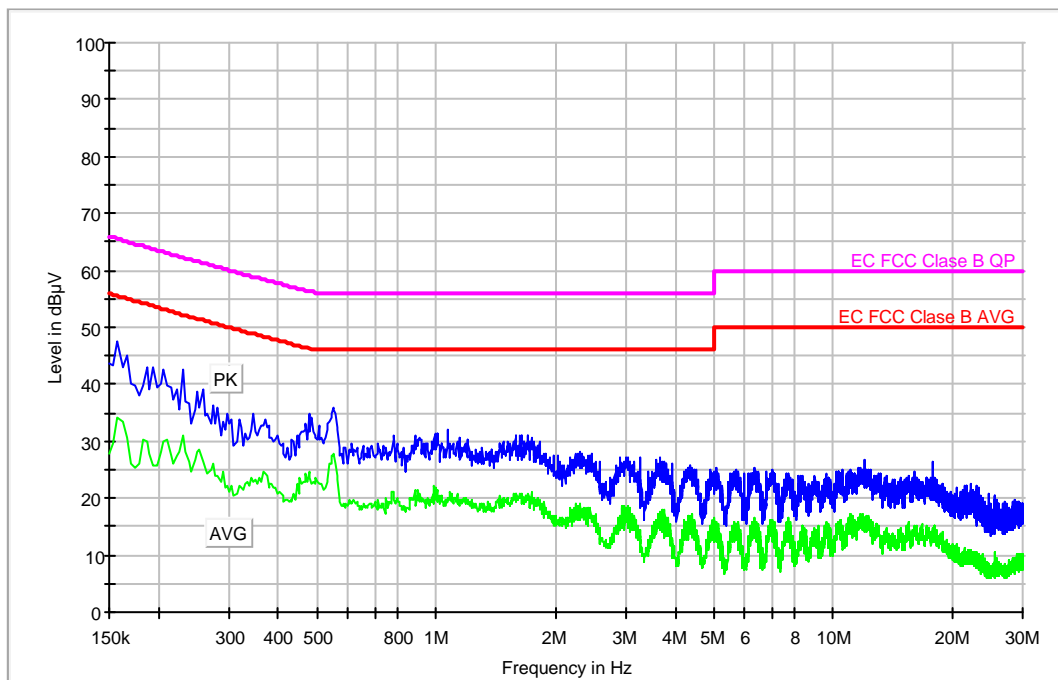
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	47.1	30.5
0.274000	39.9	23.9
0.230000	39.5	25.1
0.550000	36.2	27.0
1.486000	31.6	21.5
2.130000	30.0	17.7
2.922000	26.9	17.1
11.906000	26.6	17.8
12.774000	26.5	15.6
3.706000	26.4	15.9
3.314000	26.0	11.8
4.386000	25.9	17.5
5.058000	25.4	16.6

Continuous Conducted emission : CC0108L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/01
 Operation mode: OM#08
 Date: 2010-09-07 09:51
 Setup: EMI conducted
 Mode: EUT ON. IDLE 1900MHz. Phase noise.

EC FCC Class B ESPI CC



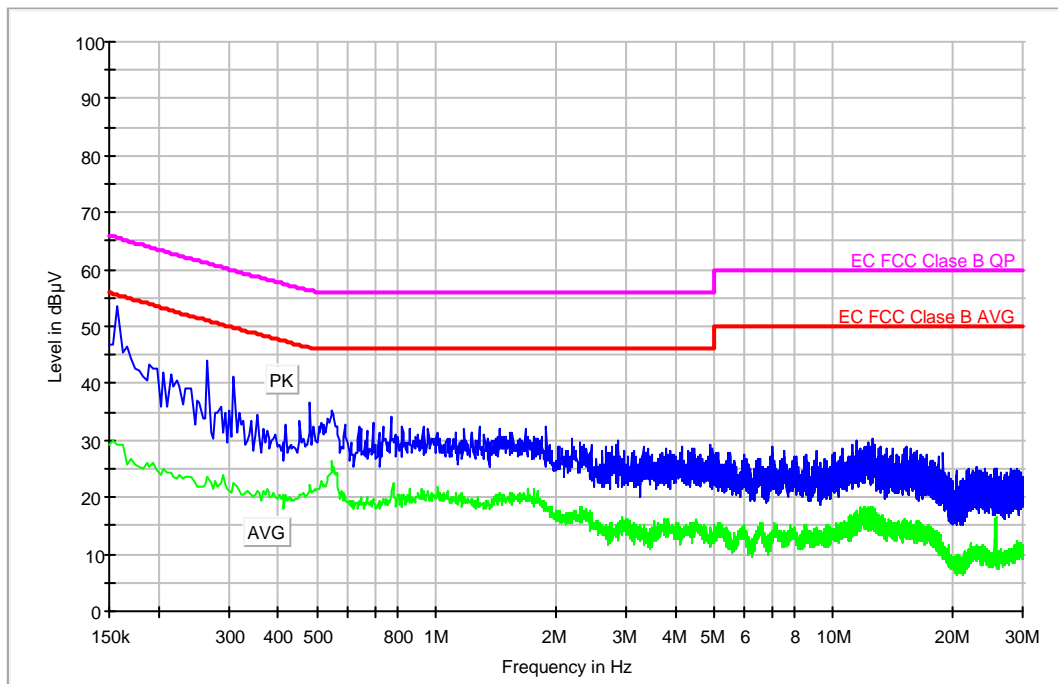
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Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	47.5	34.0
0.230000	42.5	31.1
0.258000	39.1	26.4
0.550000	36.1	27.3
1.070000	32.0	20.0
3.030000	27.1	17.3
3.646000	27.0	16.8
11.954000	26.9	16.3
17.846000	26.3	14.9
3.926000	25.9	11.8
4.354000	25.6	14.0
6.330000	25.4	15.9
5.074000	25.3	15.4

Continuous Conducted emission : CC02050N Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#05
 Date: 2010-09-07 10:33
 Setup: EMI conducted
 Mode: EUT ON. TCH 850MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

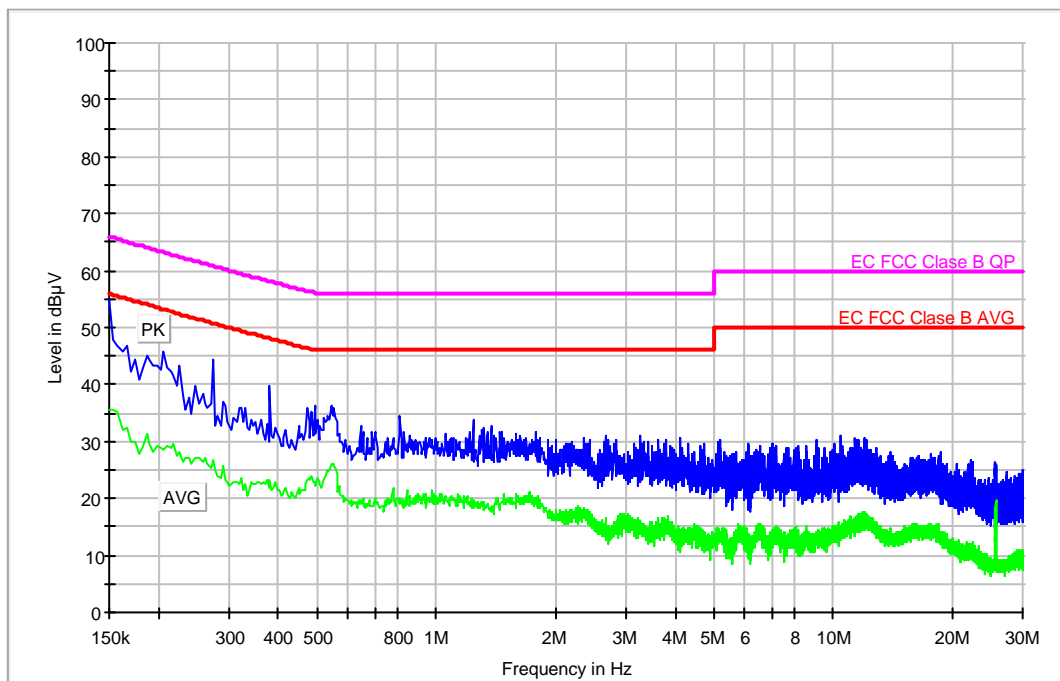
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	53.6	29.3
0.266000	44.2	23.5
0.206000	42.0	25.1
0.310000	41.1	22.5
0.482000	36.6	22.1
0.546000	35.3	26.5
0.354000	34.4	21.1
0.770000	34.1	20.6
0.694000	33.0	19.6
1.282000	32.4	18.2
1.898000	32.2	18.5
1.442000	32.2	20.3
12.554000	30.3	16.3

Continuous Conducted emission : CC0205L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#05
 Date: 2010-09-07 10:47
 Setup: EMI conducted
 Mode: EUT ON. TCH 850MHz. Phase noise.

EC FCC Class B ESPI CC



Maximized

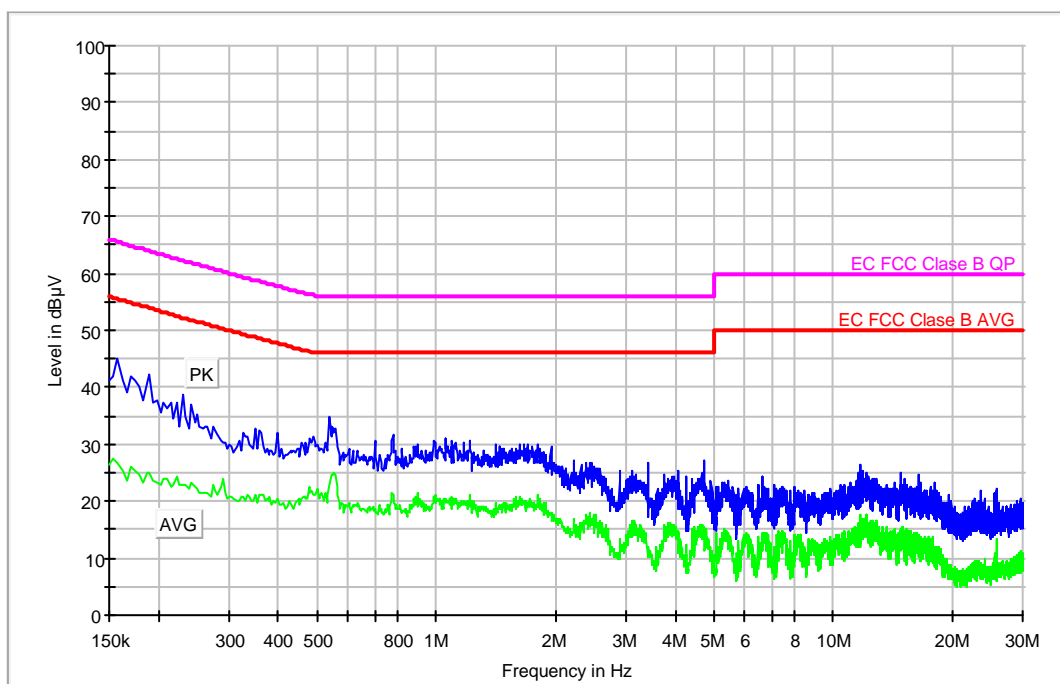
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	55.0	35.5
0.274000	44.3	26.8
0.382000	39.7	23.3
0.542000	36.3	26.2
0.810000	34.6	20.1
1.238000	33.8	19.8
0.646000	32.8	19.6
1.374000	32.6	17.6
10.458000	31.1	14.6
2.662000	31.1	15.2
3.266000	31.0	15.7
11.370000	30.8	16.1
12.030000	30.7	16.7

Continuous Conducted emission : CC02060N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#06
 Date: 2010-09-07 11:56
 Setup: EMI conducted
 Mode: EUT ON. IDLE 850MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

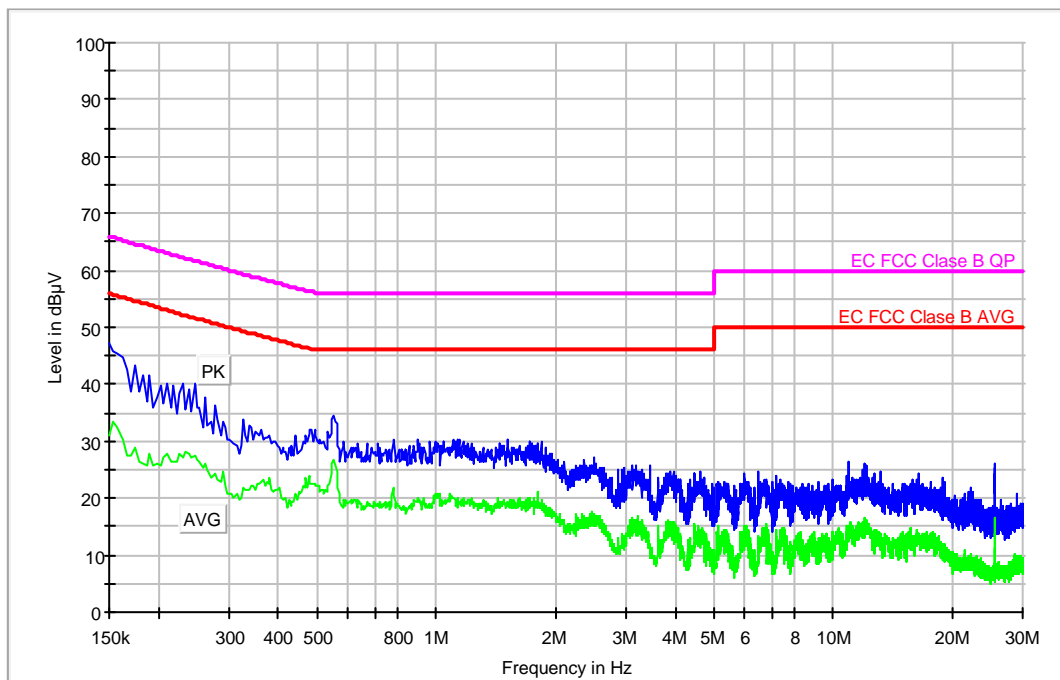
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	44.9	26.7
0.538000	35.0	22.8
0.778000	31.6	21.3
4.750000	26.9	13.2
3.402000	26.9	11.9
11.758000	26.3	17.6
2.894000	25.5	13.5
4.078000	25.2	12.1
11.586000	24.9	16.1
14.786000	24.9	13.9
16.438000	24.5	13.6
4.242000	24.4	11.9
6.610000	24.3	13.8

Continuous Conducted emission : CC0206L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#06
 Date: 2010-09-07 12:00
 Setup: EMI conducted
 Mode: EUT ON. IDLE 850MHz. Phase noise.

EC FCC Class B ESPI CC



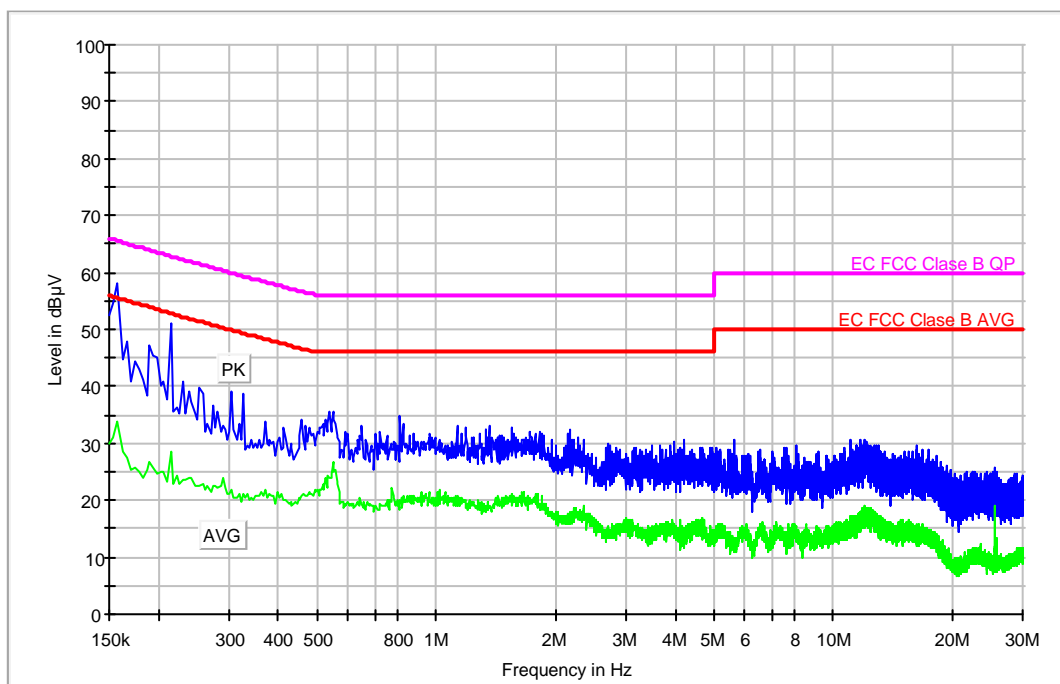
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Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	47.1	30.9
0.554000	34.5	26.8
10.938000	26.3	14.8
11.974000	26.1	15.9
25.598000	26.1	15.9
3.442000	25.7	11.9
2.966000	25.2	12.7
2.870000	25.0	12.9
13.190000	24.8	13.7
6.486000	24.8	13.2
4.626000	24.7	14.5
3.878000	24.6	15.8
16.482000	24.5	13.5

Continuous Conducted emission : CC02070N Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#07
 Date: 2010-09-07 11:18
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Neutral noise.

EC FCC Clase B ESPI CC



Maximized

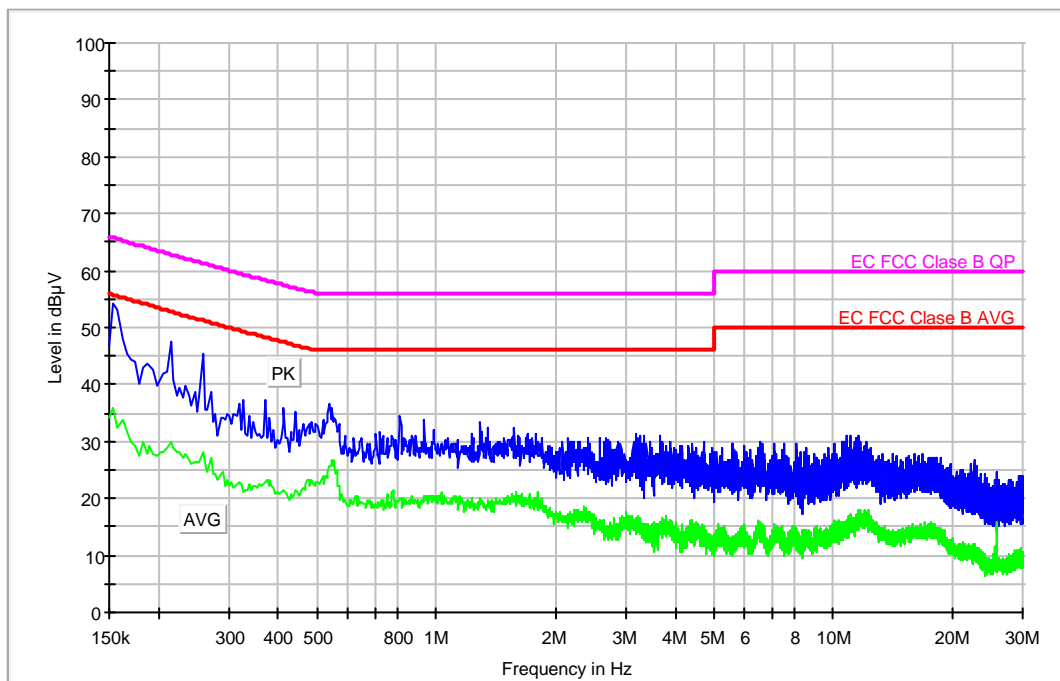
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	58.1	33.7
0.214000	51.1	28.6
0.190000	47.1	26.8
0.306000	39.0	21.8
0.326000	38.8	21.0
0.538000	35.7	23.9
0.810000	34.8	20.2
1.130000	33.2	20.9
0.650000	33.0	19.4
1.358000	33.0	18.7
1.546000	32.7	20.3
2.162000	32.5	18.1
2.154000	31.8	17.5

Continuous Conducted emission : CC0207L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#07
 Date: 2010-09-07 11:49
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Phase noise.

EC FCC Class B ESPI CC



Maximized

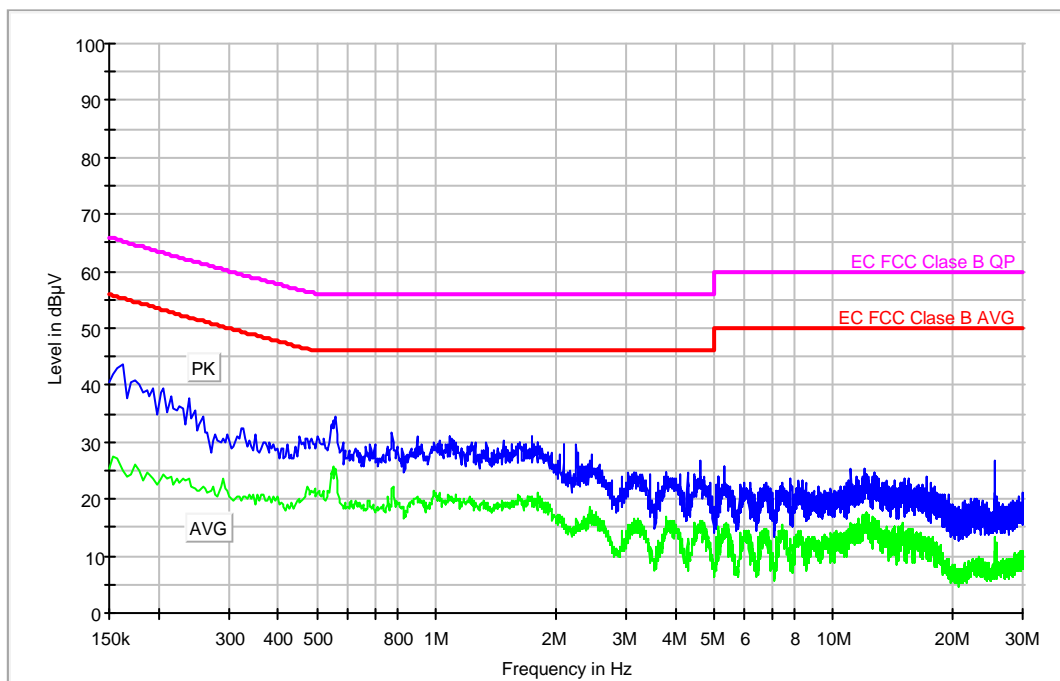
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	54.1	36.0
0.214000	47.4	29.8
0.258000	45.4	28.0
0.326000	37.3	21.3
0.370000	37.2	22.9
0.538000	36.7	25.7
0.414000	35.8	21.5
0.442000	35.3	21.6
0.810000	34.5	20.0
0.934000	33.9	20.3
1.294000	33.5	19.5
1.574000	32.4	20.3
3.178000	31.4	16.1

Continuous Conducted emission : CC02080N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#08
 Date: 2010-09-07 11:35
 Setup: EMI conducted
 Mode: EUT ON. IDLE 1900MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

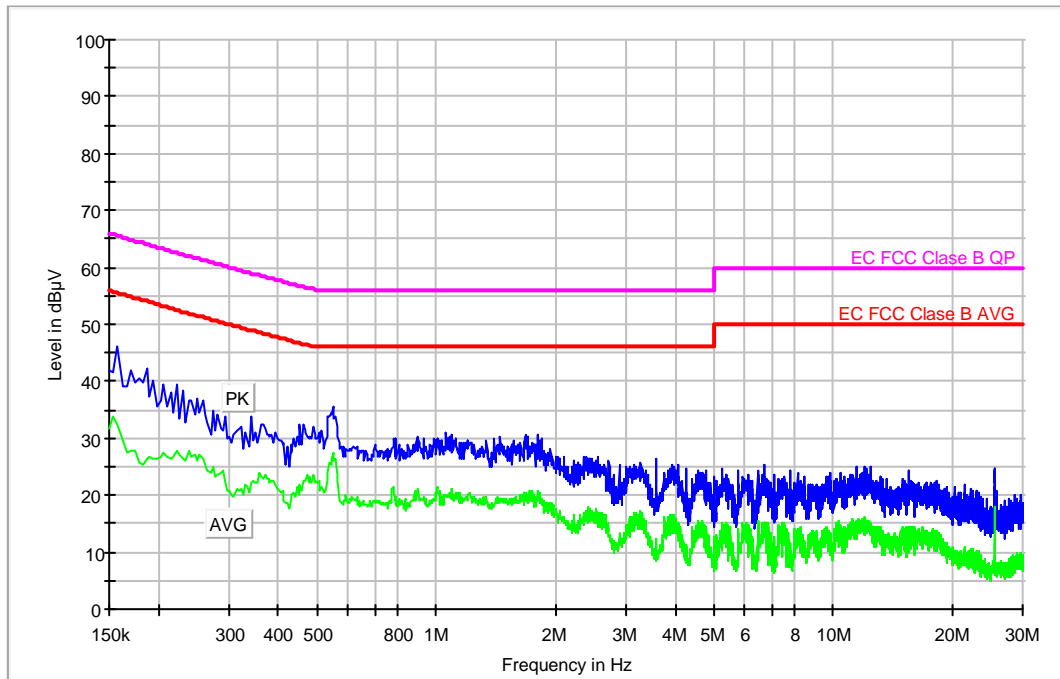
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.162000	43.7	24.9
0.558000	34.5	25.4
1.082000	31.2	20.0
2.090000	29.5	16.7
2.258000	29.4	16.5
4.622000	26.9	16.1
25.622000	26.7	10.4
5.294000	25.6	14.6
11.974000	25.3	17.1
11.106000	25.2	16.0
3.058000	24.8	15.6
3.790000	24.7	17.0
4.286000	24.7	12.7

Continuous Conducted emission : CC0208L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/02
 Operation mode: OM#08
 Date: 2010-09-07 11:41
 Setup: EMI conducted
 Mode: EUT ON. IDLE 1900MHz. Phase noise.

EC FCC Class B ESPI CC



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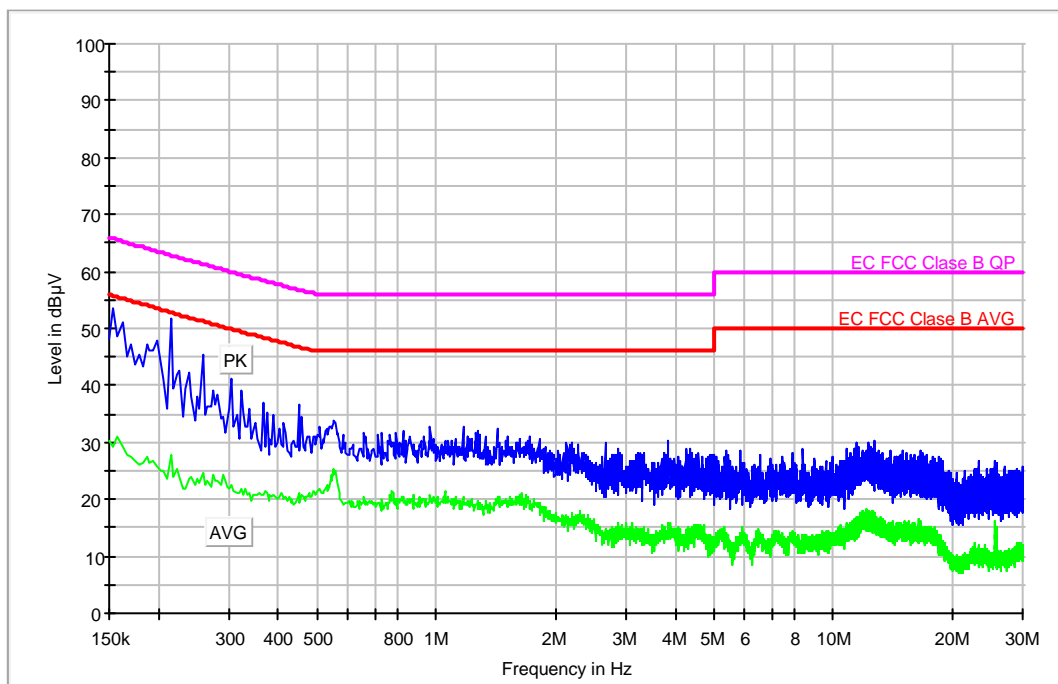
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	46.3	32.4
0.186000	42.4	26.5
0.150000	41.8	31.6
0.170000	41.7	27.9
0.154000	41.4	33.8
0.178000	40.4	25.6
0.194000	40.1	26.3
0.182000	39.9	25.5
0.174000	39.6	27.9
0.222000	39.6	27.9
0.206000	39.5	27.6
0.166000	39.2	27.5
0.162000	39.2	29.6

Continuous Conducted emission : CC03050N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#05
 Date: 2010-09-07 12:26
 Setup: EMI conducted
 Mode: EUT ON. TCH 850MHz. Neutral noise.

EC FCC Class B ESPI CC



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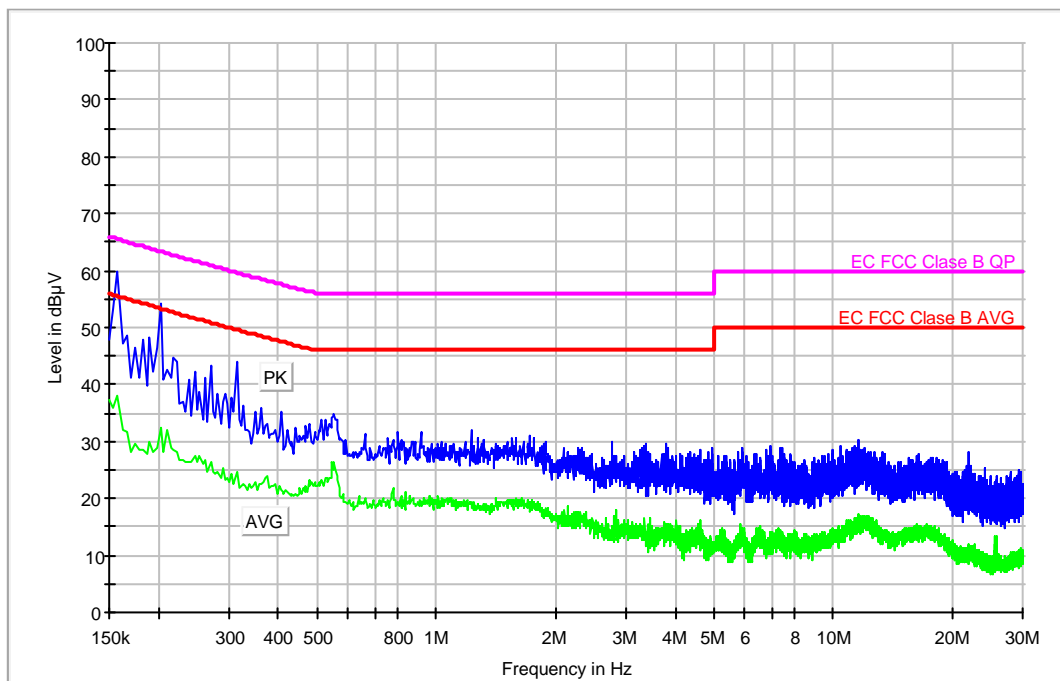
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.154000	53.6	29.1
0.214000	51.7	27.9
0.258000	45.4	24.6
0.238000	42.1	23.7
0.306000	41.2	22.6
0.322000	39.0	22.0
0.366000	36.8	20.8
0.450000	36.5	21.3
0.390000	35.0	20.8
0.458000	34.6	20.9
1.170000	32.9	20.3
0.966000	32.8	20.7
1.422000	32.2	19.6

Continuous Conducted emission : CC0305L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#05
 Date: 2010-09-07 12:29
 Setup: EMI conducted
 Mode: EUT ON. TCH 850MHz. Phase noise.

EC FCC Class B ESPI CC



Maximized

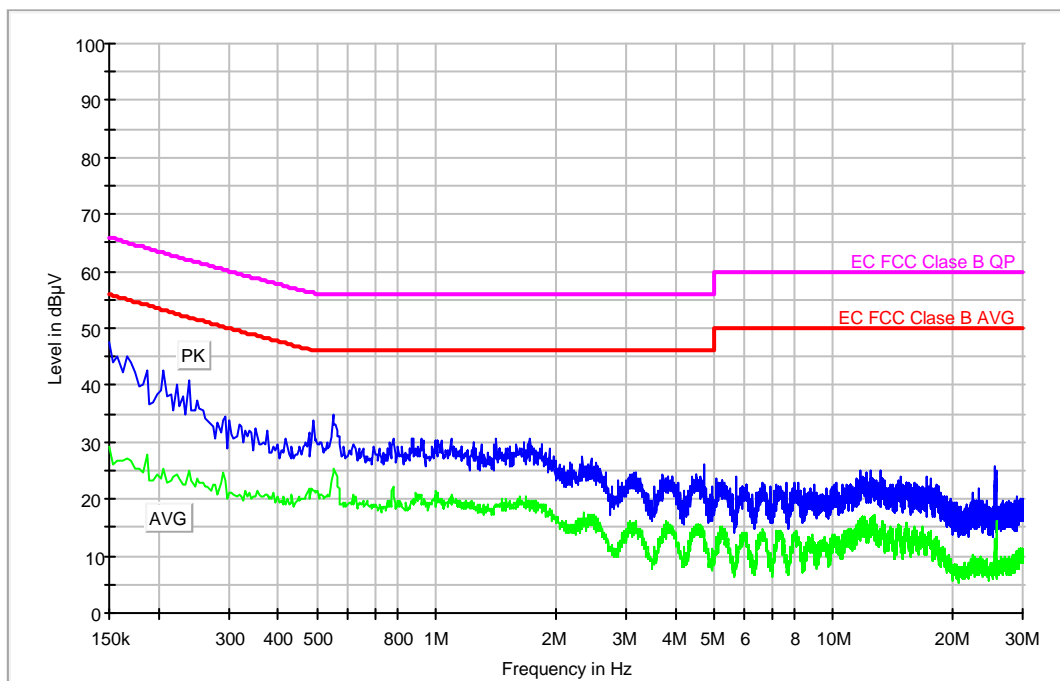
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.158000	59.9	38.2
0.202000	54.1	32.3
0.182000	48.0	28.4
0.314000	44.1	24.5
0.270000	43.3	26.5
0.246000	42.2	27.3
0.262000	41.2	26.9
0.362000	35.9	22.6
0.554000	35.0	26.4
1.222000	32.0	19.4
11.530000	30.2	16.7
2.778000	29.9	13.7
3.790000	29.5	14.9

Continuous Conducted emission : CC03060N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#06
 Date: 2010-09-07 12:34
 Setup: EMI conducted
 Mode: EUT ON. IDLE 850MHz. Neutral noise.

EC FCC Class B ESPI CC



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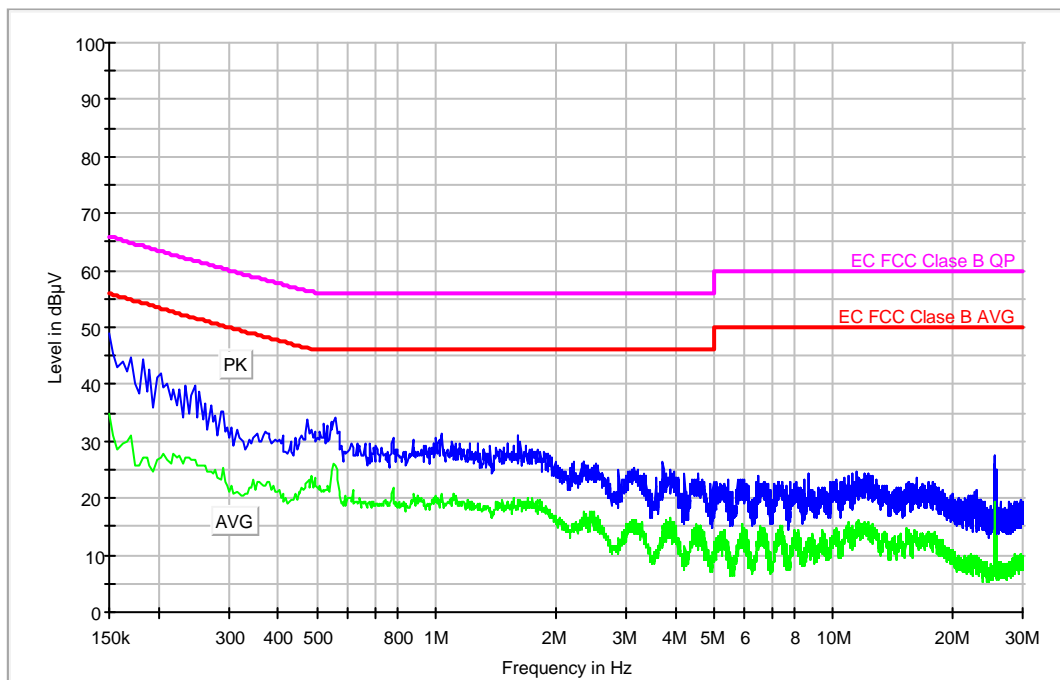
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	47.6	29.2
0.550000	34.9	24.8
4.730000	26.2	13.2
25.614000	25.8	13.2
13.122000	25.1	15.0
12.430000	24.9	16.6
25.646000	24.9	12.6
3.166000	24.6	15.9
3.726000	24.3	13.4
17.190000	24.1	12.3
5.706000	23.8	11.7
14.714000	23.8	15.2
5.074000	23.5	12.9

Continuous Conducted emission : CC0306L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#06
 Date: 2010-09-07 12:40
 Setup: EMI conducted
 Mode: EUT ON. IDLE 850MHz. Phase noise.

EC FCC Class B ESPI CC



Maximized

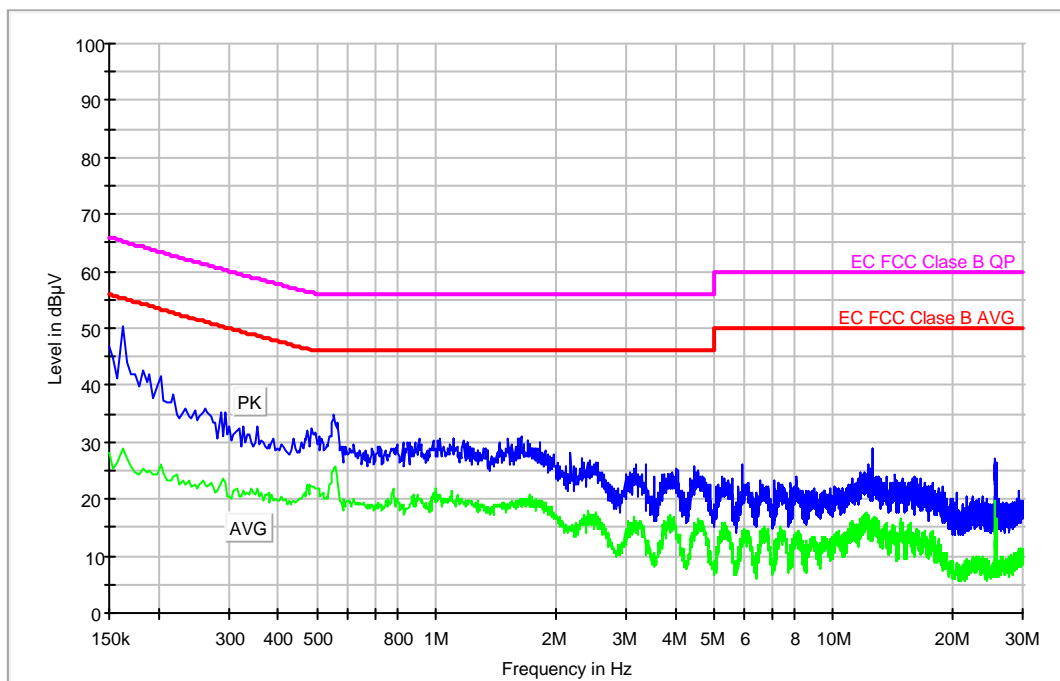
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	48.9	34.8
0.182000	44.3	27.3
0.202000	41.9	27.0
0.558000	34.0	25.6
1.606000	31.1	18.4
25.602000	27.6	19.5
25.578000	27.5	13.6
3.726000	26.3	15.2
25.558000	25.9	10.4
3.146000	25.2	15.6
25.658000	25.2	13.2
11.406000	24.5	14.8
4.234000	24.3	11.5

Continuous Conducted emission : CC03070N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#07
 Date: 2010-09-07 13:13
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

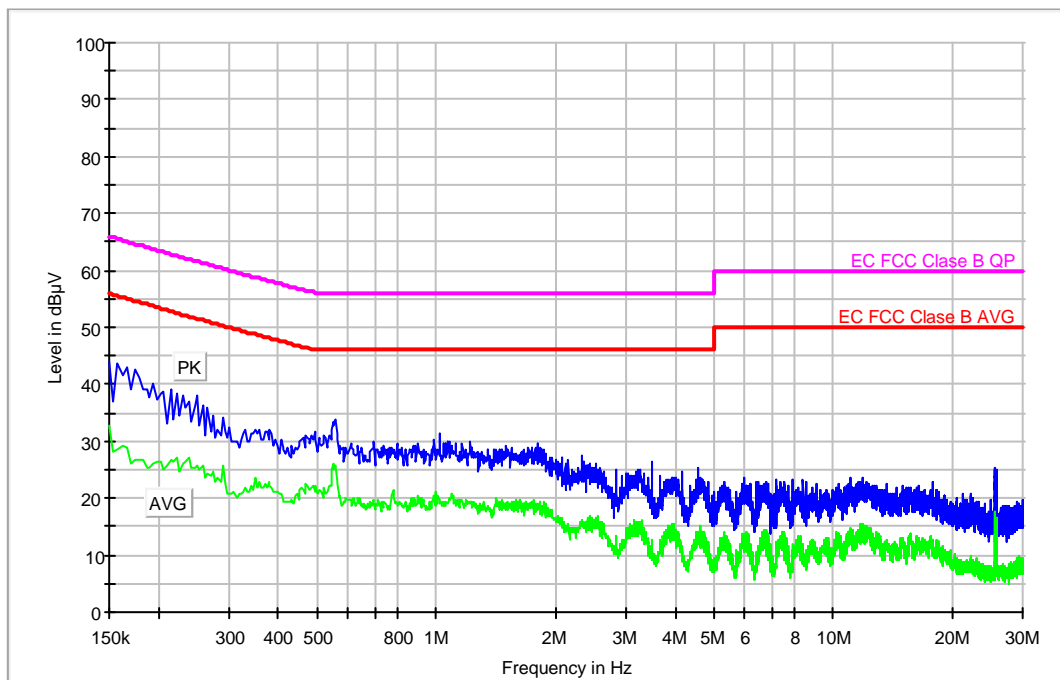
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.162000	50.4	28.8
0.554000	35.0	25.2
12.594000	29.0	16.5
2.182000	28.1	14.6
25.642000	26.9	11.4
25.658000	26.5	13.2
5.902000	26.1	14.4
3.370000	26.0	12.5
12.246000	26.0	15.3
4.482000	25.7	16.0
4.042000	25.2	13.7
14.342000	24.2	13.3
8.090000	24.0	13.4

Continuous Conducted emission : CC0307L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#07
 Date: 2010-09-07 13:18
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Phase noise.

EC FCC Class B ESPI CC



Maximized

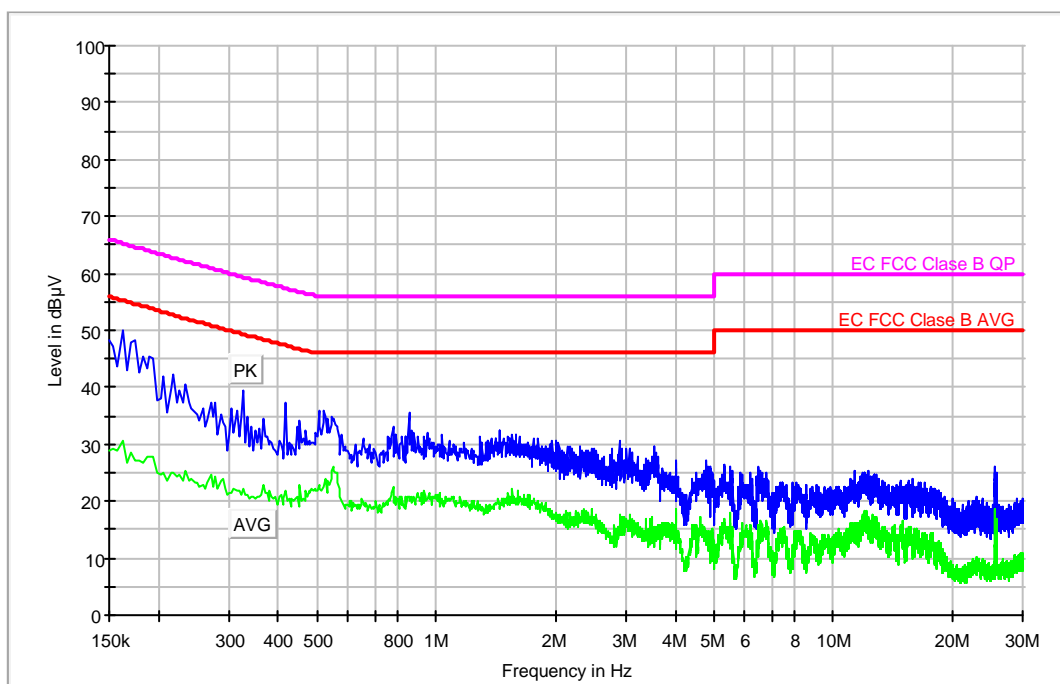
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.150000	44.0	32.7
0.158000	43.6	28.5
0.558000	33.9	25.7
3.506000	26.3	12.7
25.586000	25.2	10.9
4.554000	25.2	13.7
3.266000	25.1	14.6
2.830000	25.0	13.4
25.674000	25.0	16.6
4.178000	24.8	10.4
3.670000	23.9	11.7
11.866000	23.6	15.5
5.946000	23.6	12.6

Continuous Conducted emission : CC03080N

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#08
 Date: 2010-09-07 13:33
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Neutral noise.

EC FCC Class B ESPI CC



Maximized

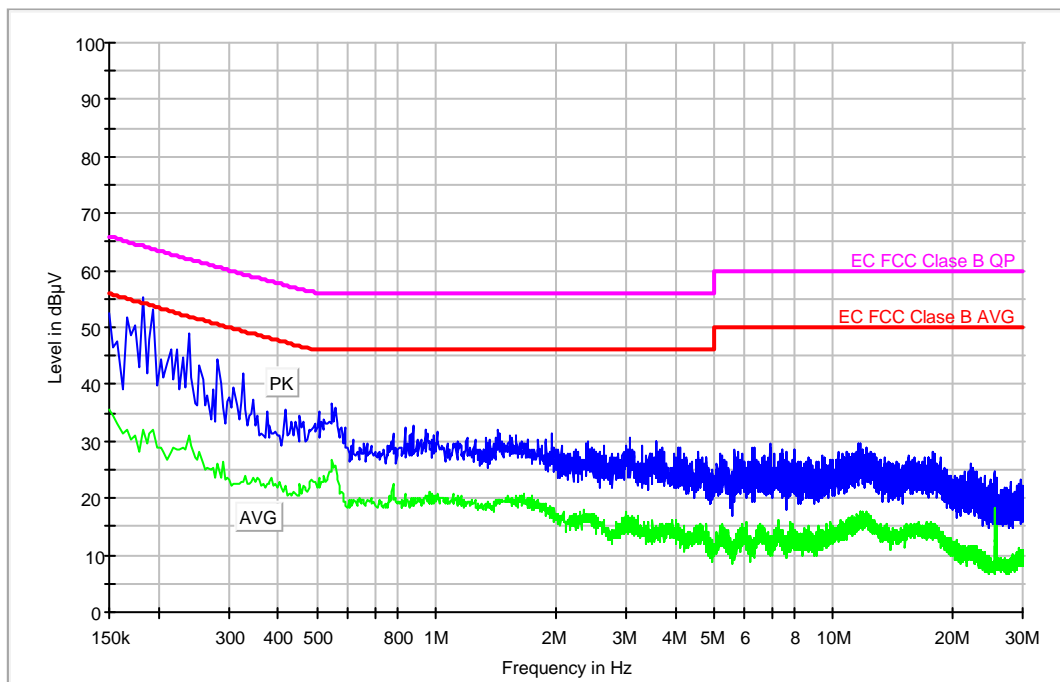
Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.162000	49.9	30.8
0.218000	42.3	24.9
0.326000	39.3	22.3
0.418000	37.4	22.0
0.506000	35.8	22.7
0.854000	35.4	20.7
0.778000	32.9	22.4
1.442000	32.4	19.7
2.890000	30.8	15.7
3.530000	29.4	14.6
2.774000	29.2	13.6
4.038000	27.0	16.7
4.770000	26.9	14.9

Continuous Conducted emission : CC0308L1

Detector : Peak / Average / Cuasi-peak

Project: 31912rem.003
 Company: ERICSSON AB
 Sample: S/03
 Operation mode: OM#08
 Date: 2010-09-07 14:23
 Setup: EMI conducted
 Mode: EUT ON. TCH 1900MHz. Phase noise.

EC FCC Class B ESPI CC



Maximized

Frequency (MHz)	MaxPeak-ClearWrite (dBµV)	Average-ClearWrite (dBµV)
0.182000	55.1	31.9
0.194000	53.1	32.1
0.150000	52.5	35.6
0.166000	51.9	32.2
0.238000	49.1	31.1
0.214000	46.2	28.3
0.282000	44.4	26.2
0.254000	43.3	28.1
0.326000	41.8	22.9
0.546000	36.7	26.8
0.874000	32.7	20.1
1.434000	31.9	19.7
1.954000	31.5	18.4