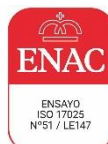


Test report No:
NIE: 72943REM.001

Test report

FCC Rules and Regulations CFR 47, Part 15, Subpart B
(10-1-21 Edition) & ICES-003 Issue 7 (October 2020)

(*) Identification of item tested	Continuous Positive Airway Pressure (CPAP) Device
(*) Trademark	ResMed
(*) Model and /or type reference	39485
(*) Derived model not tested	39517, 39518, 39519, 39520, 39521, 39522
Other identification of the product	FCC ID: 2ACHL-AIR11M1G22 IC: 9103A-AIR11M1G22
(*) Features	Features: LTE Cat-M1, BLE HW version: R390-7654 SW version: SW04600
Manufacturer	ResMed Pty Ltd. 1 Elizabeth Macarthur Drive, Bella Vista NSW, 2153, AUSTRALIA
Test method requested, standard	FCC Rules and Regulations CFR 47, Part 15, Subpart B (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)
Summary	IN COMPLIANCE
Approved by (name / position & signature)	Rafael López Martín EMC Consumer & RF Lab. Manager
Date of issue	2022-11-25
Report template No	FDT08_24 (*) "Data provided by the client"



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Acronyms

Acronym ID	Acronym Description
Code	EMC Test Code
Freq Rng	Frequency Range
MP	Measurement Point
OM	Operation Mode
S/	Sample
V	Verdict
RE	Radiated Emission
LR	Low Range
HR	High Range

Competences and guarantees

DEKRA Testing and Certification S.A.U. is a testing laboratory accredited by the National Accreditation Body (ENAC -Entidad Nacional de Acreditación), to perform the tests indicated in the Certificate No. 51/LE 147.

In order to assure the traceability to other national and international laboratories, DEKRA Testing and Certification S.A.U. has a calibration and maintenance program for its measurement equipment.

DEKRA Testing and Certification S.A.U. 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 DEKRA Testing and Certification S.A.U. at the time of performance of the test.

DEKRA Testing and Certification S.A.U. is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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General conditions

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA Testing and Certification S.A.U.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA Testing and Certification S.A.U. and the Accreditation Bodies.

Uncertainty

Uncertainty (factor $k=2$) was calculated according to the DEKRA Testing and Certification S.A.U. internal document PODT000.

The total uncertainty of the measurement system for the measured conducted disturbance characteristics of EUT from 150 kHz to 30 MHz is $I = \pm 3,9$ dB for quasi-peak measurements, $I = \pm 3,2$ dB for peak measurements ($k = 2$).

The total uncertainty of the measurement system for the measured radio disturbance characteristics of EUT from 30 MHz to 1000 MHz is $I = \pm 4,9$ dB for quasi-peak measurements, $I = \pm 4,6$ dB for peak measurements ($k = 2$).

The total uncertainty of the measurement system for the measured radio disturbance characteristics of EUT from 1000 MHz to 12.75 GHz is $I = \pm 2,6$ dB for peaks and average measurements ($k = 2$).

Data provided by the client

The following data has been provided by the client:

1. Information relating to the description of the sample ("Identification of the item tested", "Trademark", "Model and/or type reference tested").
2. The sample consists of a continuous Positive Airway Pressure (CPAP) Device. CPAP device with integrated cellular and Bluetooth connectivity.
3. Derived model not tested. These models have been declared by the supplier of the sample as being the same as the model under test.



Date: 25-Oct-2022

DECLARATION OF EQUIVALENCE

This document declares that the following designated products are equivalent to the unit under test **39485**.

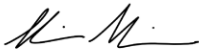
Model Name / Product Code	Marketing Name
39517	AirSense 11 AutoSet USA
39518	AirSense 11 CPAP USA
39519	AirSense 11 Elite USA
39520	AirSense 11 AutoSet CAN
39521	AirSense 11 CPAP CAN
39522	AirSense 11 Elite CAN

All the above stated products and the unit under test - 39485 have the same cellular hardware and firmware.

Applicant:

Company Name: ResMed Pty Ltd
Address: 1 Elizabeth Macarthur Drive,
Bella Vista NSW 2153
Australia

By,



Christopher Jenkins

Title: Manager – Systems Engineering
Company: ResMed Pty Ltd
Telephone: +61 2 8884 1517
e-mail: Christopher.jenkins@resmed.com.au

DEKRA Testing and Certification S.A.U. declines any responsibility with respect to the information provided by the client and that may affect the validity of results.

Usage of samples

Samples undergoing test have been selected by: The client.

Id	Control Number	Description	Model	Serial N°	Date of Reception	Application
S/01	72943_51.1	Continuous Positive Airway Pressure Device	39485	22221830083	2022-09-20	Element Under Test
S/01	72943_9.1	Water tank	HumidAir11	--	2022-08-02	Element Under Test
S/01	72943_17.1	AC/DC adapter	390000	0001R902	2022-08-02	Element Under Test
S/01	66427_6.1	Climate line	AIR11		2020-12-29	Element Under Test
S/02	72943_46.1	Continuous Positive Airway Pressure Device	39485	22221830061	2022-09-19	Element Under Test
S/02	72943_9.1	Water tank	HumidAir11	--	2022-08-02	Element Under Test
S/02	72943_17.1	AC/DC adapter	390000	0001R902	2022-08-02	Element Under Test
S/02	66427_6.1	Climate line	AIR11		2020-12-29	Element Under Test

Notes referenced to samples during the project:

Id	Type
S/01	Sample for radiated test
S/02	Sample for conducted test

Test sample description

Ports..... :	Port name and description		Cable				
			Specified max length [m]	Attached during test	Shielded	Coupled to patient ⁽³⁾	
	Power		[X]	[]	[]		
.....		[]	[]	[]			
Supplementary information to the ports..... :							
Rated power supply	Voltage and Frequency		Reference poles				
			L1	L2	L3	N	PE
	[X]	AC: 100-240V~50-60 Hz 2.0A	[X]	[]	[]	[X]	[]
	[X]	AC: 115V~400Hz 1.5A	[X]	[]	[]	[X]	[]
	[]	DC: 12V (DC-DC for Vehicle Use)					
	[]	DC: 24V (DC-DC for Vehicle Use)					
Rated Power							
Clock frequencies..... :	N/A						
Other parameters	390000 (PSU Model Number)						
Software version	SW04600 (DUT)						
Hardware version	R390-7654(DUT)						
Dimensions in cm (W x H x D)	138.5 mm x 259.4 mm x 94.5 mm						
Mounting position	[X]	Table top equipment					
	[]	Wall/Ceiling mounted equipment					
	[]	Floor standing equipment					
	[]	Hand-held equipment					
	[]	Other:					
Modules/parts..... :	Module/parts of test item		Type		Manufacturer		
	Wireless Module		EXS62-W		Thales		
	Bluetooth LE		EFR32BG22		SiLabs		
							
Accessories (not part of the test item)	Description		Type		Manufacturer		
							
Documents as provided by the applicant	Description		File name		Issue date		
							

⁽³⁾ Only for Medical Equipment

Identification of the client

ResMed Pty Ltd
1 Elizabeth Macarthur Drive
Bella Vista, NSW, 2153, AUSTRALIA

Testing period and place

Test Location	DEKRA Testing and Certification S.A.U.
Date (start)	2022-08-10
Date (finish)	2022-11-02

Document history

Report number	Date	Description
72943REM.001	2022-11-25	First release

Environmental conditions

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

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860mbar Max. = 1060mbar

In the semianechoic chamber, the following limits were not exceeded during the test.

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860mbar Max. = 1060mbar

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

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 60 %
Air pressure	Min. = 860mbar Max. = 1060mbar

Remarks and comments

The tests have been performed by the technical personnel: Carlos Haro Lopez and Salvador Cuellar Guerrero.

Testing verdicts

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

List of equipment used during the test

Control No.	Equipment	Model	Manufacturer	Next Calibration
6064	SEMIANECHOIC ABSORBER LINED CHAMBER	SAC-3	FRANKONIA	N/A
6329	SHIELDED ROOM	---	FRANKONIA	N/A
6132	ETHERNET TEMPERATURE AND HUMIDITY LOGGER	HWg-STE	HW GROUP	2023-04-05
6126	ETHERNET TEMPERATURE AND HUMIDITY LOGGER	HWg-STE	HW GROUP	2023-04-05
8866	EMI TEST RECEIVER 2Hz-44GHz	ESW44	ROHDE AND SCHWARZ	2023-09-21
5641	HYBRID BILOG ANTENNA 30MHz-6GHz	3142E	EST LINDGREN	2024-09-15
4612	HORN ANTENNA 1-18GHz	BBHA 9120 D	SCHWARZBECK MESS-ELEKTRONIK	2024-07-13
9360	PRE-AMPLIFIER G>40dB 1-18 GHz	BLMA 0118-1M	BONN ELEKTRONIK	2023-05-11
2942	EMI TEST RECEIVER 20Hz-40GHz	ESU40	ROHDE AND SCHWARZ	2023-11-22
4657	HORN ANTENNA 18-40GHz	BBHA 9170	SCHWARZBECK	2023-05-05
8856	PRE-AMPLIFIER G>30dB 17-40GHz	BLMA 1840-4A	BONN ELEKTRONIK	2023-11-02
4848	MEASUREMENT SOFTWARE EMC/RF	EMC32	ROHDE AND SCHWARZ	N/A

Control No.	Equipment	Model	Manufacturer	Next Calibration
6129	ETHERNET TEMPERATURE AND HUMIDITY LOGGER	--	--	2023-04-28
4679	THREE-PHASE ARTIFICIAL NETWORK 32A	--	--	2023-01-11
5152	TRANSIENT LIMITER 10DB N CONNECTOR	VTSD 9561-F	SCHWARZBECK	2022-10-20
4523	EMI TEST RECEIVER 20Hz-26.5GHz	ESU26	ROHDE AND SCHWARZ	2023-11-05

Summary

Test Specification.	Requirement – Test case	Verdict	Remark
FCC CFR 47, Part 15, Subpart B (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	RE Radiated emission. Electromagnetic field measure	Pass	---
FCC CFR 47, Part 15, Subpart B and Subpart C (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	CE Continuous conducted emission	Pass	---
<u>Supplementary information and remarks:</u> None			

Appendix A: Test results

Appendix A content

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RE Radiated emission. Electromagnetic field measure17

CE Continuous conducted emission23

Description of the operation modes

The operation modes described in this paragraph constitute a functionality of the sample under test for itself.

The operation modes used by the samples to which the present report refers, are shown in the following table:

Id	Description
OM/01	EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular searching network. Power supply: 115Vac, 60Hz
OM/02	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 60Hz
OM/03	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 60Hz
OM/04	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 60Hz
OM/05	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 60Hz
OM/06	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 60Hz
OM/07	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 60Hz
OM/08	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 60Hz
OM/09	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 60Hz
OM/10	EUT ON. MS in traffic mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 60Hz
OM/11	EUT ON. MS in traffic mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 60Hz
OM/12	EUT ON. MS in traffic mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 60Hz
OM/13	EUT ON. MS in traffic mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 60Hz
OM/14	EUT ON. MS in traffic mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 60Hz
OM/15	EUT ON. MS in traffic mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 60Hz
OM/16	EUT ON. MS in traffic mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 60Hz
OM/17	EUT ON. MS in traffic mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 60Hz
OM/18	EUT ON. Bluetooth in communication mode. Power supply: 115Vac, 60 Hz
OM/19	EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular searching network. Power supply: 115Vac, 400Hz
OM/20	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 400Hz
OM/21	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 400Hz
OM/22	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 400Hz
OM/23	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 400Hz
OM/24	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 400Hz
OM/25	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 400Hz
OM/26	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 400Hz
OM/27	EUT ON. MS in IDLE mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 400Hz
OM/28	EUT ON. MS in traffic mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 400Hz
OM/29	EUT ON. MS in traffic mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 400Hz
OM/30	EUT ON. MS in traffic mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 400Hz
OM/31	EUT ON. MS in traffic mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 400Hz
OM/32	EUT ON. MS in traffic mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 400Hz
OM/33	EUT ON. MS in traffic mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 400Hz
OM/34	EUT ON. MS in traffic mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 400Hz

Id	Description
OM/35	EUT ON. MS in traffic mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 400Hz
OM/36	EUT ON. Bluetooth in communication mode. Power supply: 115Vac, 400Hz

Test standards version applied

The product standards and test standards applied for each test cases are shown in the following table:

Product Test Standard	Test standard	Requirement – Test case
FCC CFR 47, Part 15, Subpart B (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	ANSI C63.4 (2014)	RE Radiated emission.
FCC CFR 47, Part 15, Subpart B and C (10-1-21 Edition) & ICES-003 Issue 7 (October 2020)	ANSI C63.4 (2014)	CE Continuous conducted emission

Test Cases Details

FCC CFR 47, Part 15, Subpart B
(10-1-21 Edition), Secs. 15.109 & ICES-003 Issue 7 (October 2020)
RE Radiated emission. Electromagnetic field measure

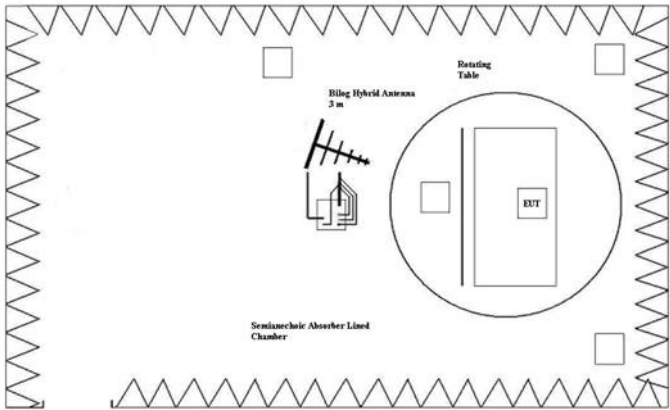
Limits

The applied limit for radiated emissions, 3 m distance, according to the requirements of FCC Rules and Regulations 47 CFR Part 15, Subpart B (10-1-21 Edition), Secs. 15.109 & ICES-003 Issue 7 (October 2020)

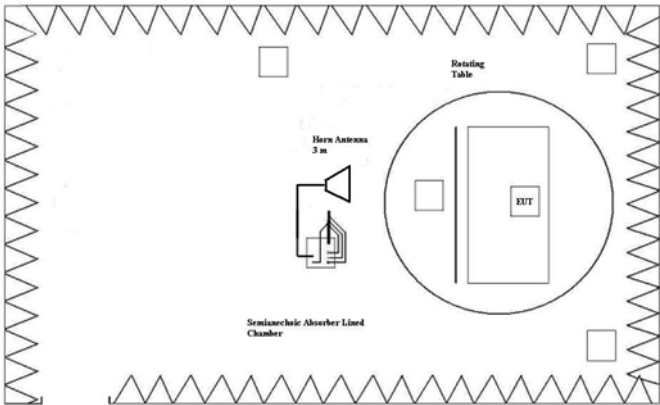
Frequency range (MHz)	FCC Part 15B		ICES-003 Issue 7		FCC Part 15B & ICES-003 Issue 7	
	QP Limit for 3 m		QP Limit for 3 m		PK Limit for 3 m	AVG Limit for 3 m
	(μ V/m)	(dB μ V/m)	(μ V/m)	(dB μ V/m)	(dB μ V/m)	(dB μ V/m)
30 to 88	100	40	100	40	---	---
88 to 216	150	43.5	150	43.5	---	---
216 to 230	200	46	200	46	---	---
230 to 960	200	46	224	47		
960 to 1000	500	54	500	54	---	---
Above 1000	---	---	---	---	74	54

Limits according to FCC Part 15B, equal to o more stringent than those of ICES-003 Issue 7.

Setup for measurements



Setup for measurements < 1GHz.



Setup for measurements > 1GHz.

Results

S/	OM	Code	Freq Rng (MHz)	V
01	OM/01	RE0101LR	[30, 1000]	P
01	OM/01	RE0101HR	[1000, 12750]	P
01	OM/19	RE0119LR	[30, 1000]	P
01	OM/19	RE0119HR	[1000, 12750]	P

Note: Range: f>12.75 GHz. Test required only to the 5th harmonics of the maximum internal work frequency in the EUT.

Verdict

Pass

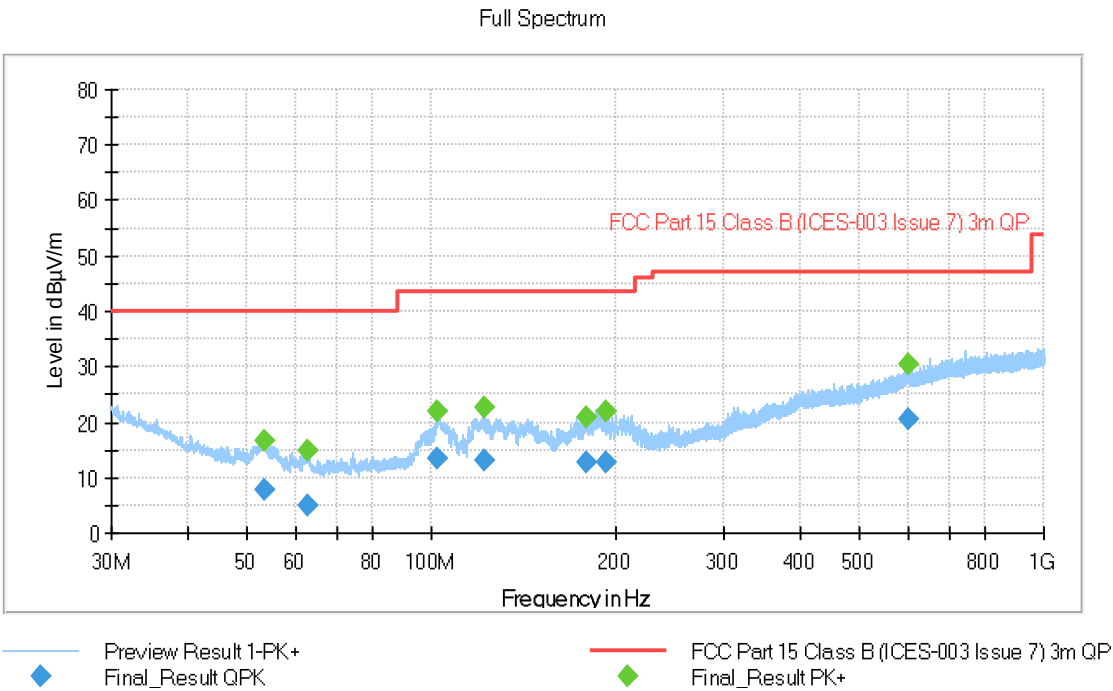
Attachments

EMC Test Code = RE0101LR, Frequency Range MHz = [30, 1000]

Sample ID: S/01

Operation Mode: OM/01. EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular network searching. Power supply: 115Vac, 60Hz

Images:



Tables:

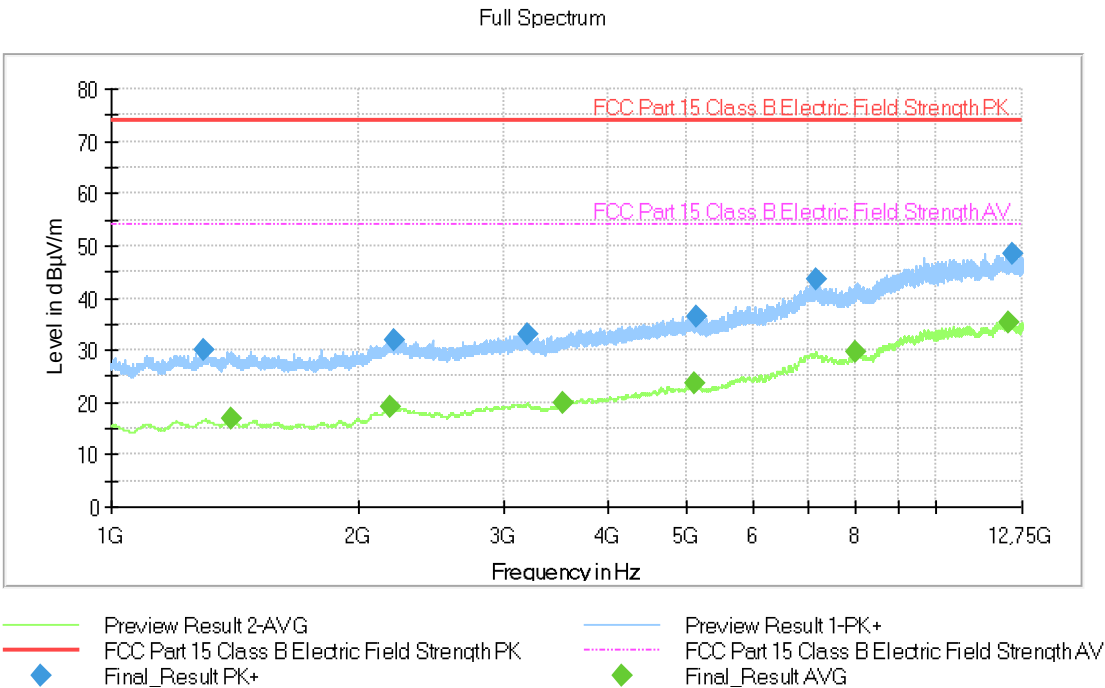
Frequency(MHz)	QuasiPeak(dBµV/m)	MaxPeak(dBµV/m)	Limit(dBµV/m)	Margin(dB)	Height(cm)	Pol	Azimuth(deg)
53.255000	7.73	---	40.00	32.27	100.0	H	102.0
53.255000	---	16.63	---	---	100.0	H	102.0
62.540000	5.12	---	40.00	34.88	196.0	H	48.0
62.540000	---	14.92	---	---	196.0	H	48.0
101.953000	---	21.86	---	---	149.0	H	162.0
101.953000	13.30	---	43.52	30.22	149.0	H	162.0
121.943000	13.06	---	43.52	30.46	100.0	H	-180.0
121.943000	---	22.55	---	---	100.0	H	-180.0
178.970000	12.92	---	43.52	30.60	179.0	V	-160.0
178.970000	---	20.80	---	---	179.0	V	-160.0
193.408000	12.62	---	43.52	30.90	128.0	V	180.0
193.408000	---	21.98	---	---	128.0	V	180.0
602.701000	20.40	---	47.00	26.60	114.0	H	-141.0
602.701000	---	30.28	---	---	114.0	H	-141.0

EMC Test Code = RE0101HR, Frequency Range MHz = [1000, 12750]

Sample ID: S/01

Operation Mode: OM/01. EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular network searching. Power supply: 115Vac, 60Hz

Images:



Tables:

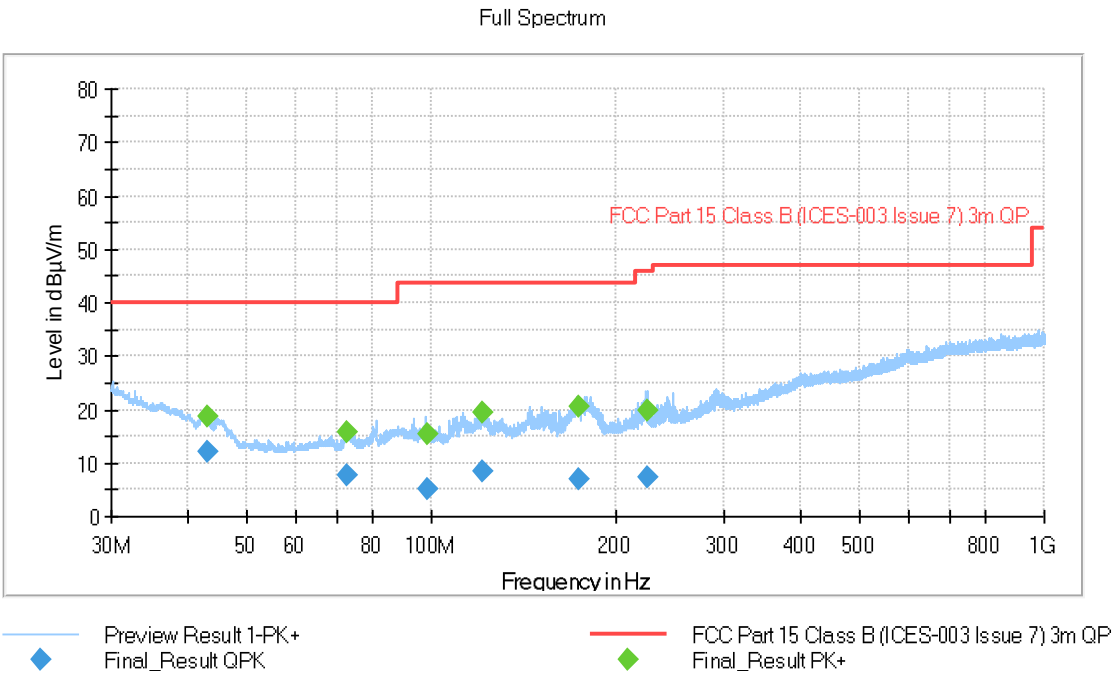
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1296.000000	29.86	---	73.97	44.11
1398.750000	---	16.76	53.97	37.21
2179.250000	---	19.00	53.97	34.97
2201.000000	31.82	---	73.97	42.15
3200.750000	32.96	---	73.97	41.01
3525.250000	---	19.82	53.97	34.15
5088.250000	---	23.57	53.97	30.40
5127.750000	36.57	---	73.97	37.40
7148.250000	43.59	---	73.97	30.38
8018.250000	---	29.72	53.97	24.25
12298.500000	---	35.40	53.97	18.57
12383.250000	48.46	---	73.97	25.51

EMC Test Code = RE0119LR, Frequency Range MHz = [30, 1000]

Sample ID: S/01

Operation Mode: OM/19. EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular network searching. Power supply: 115Vac, 400Hz

Images:



Tables:

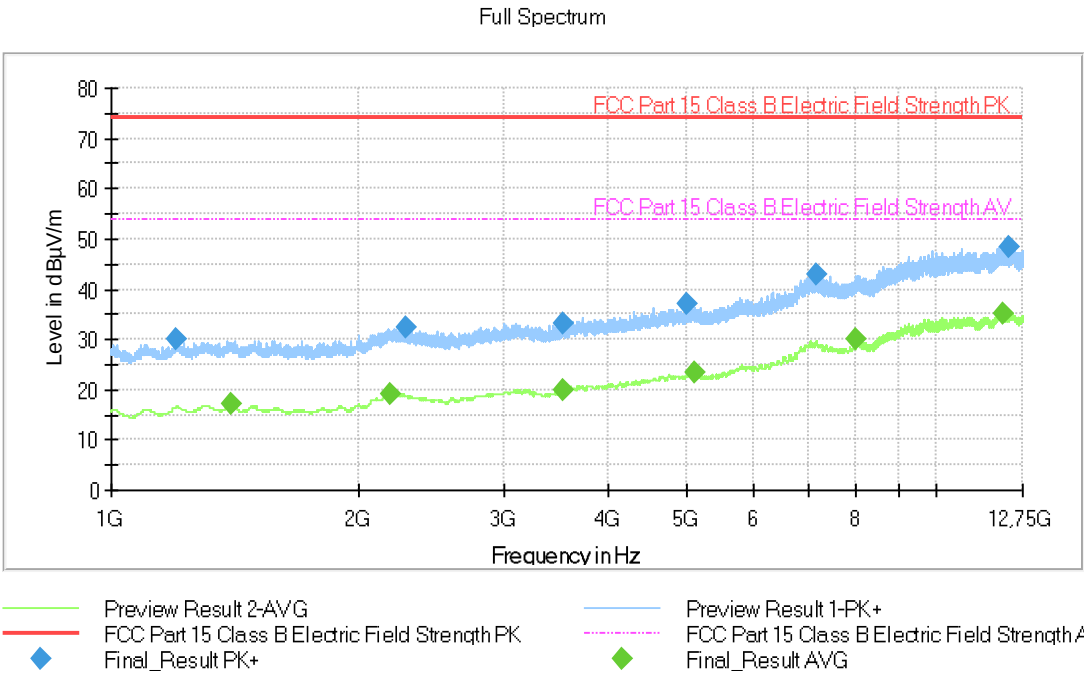
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)
42.943000	---	18.68	---	---
42.943000	11.94	---	40.00	28.06
72.801000	---	15.66	---	---
72.801000	7.73	---	40.00	32.27
98.132000	5.00	---	40.00	35.00
98.132000	---	15.49	---	---
121.428000	8.41	---	40.00	31.59
121.428000	---	19.53	---	---
173.316000	7.02	---	40.00	32.98
173.316000	---	20.44	---	---
224.379000	7.43	---	40.00	32.57
224.379000	---	19.87	---	---

EMC Test Code = RE0119HR, Frequency Range MHz = [1000, 12750]

Sample ID: S/01

Operation Mode: OM/19. EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular network searching. Power supply: 115Vac, 400Hz

Images:



Tables:

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1200.500000	29.88	---	73.97	44.09
1398.000000	---	16.98	53.97	36.99
2181.750000	---	19.26	53.97	34.71
2273.750000	32.35	---	73.97	41.62
3524.000000	33.29	---	73.97	40.68
3524.750000	---	20.07	53.97	33.90
4993.500000	37.00	---	73.97	36.97
5097.250000	---	23.40	53.97	30.57
7156.500000	42.77	---	73.97	31.20
8013.750000	---	29.90	53.97	24.07
12080.000000	---	35.29	53.97	18.68
12278.750000	48.43	---	73.97	25.54

CE Continuous conducted emission

Limits of interference 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 and C (10-1-21 Edition), Secs. 15.107 and 15.207 & ICES-003 Issue 7 (October 2020), 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

*Decreases with the logarithm of the frequency.

Results

SI	OM	Code	Freq Rng (MHz)	Line	V
02	OM/01	CE0201N	[0.15, 30]	N	P
02	OM/01	CE0201L1	[0.15, 30]	L1	P
02	OM/02	CE0202N	[0.15, 30]	N	P
02	OM/02	CE0202L1	[0.15, 30]	L1	P
02	OM/03	CE0203N	[0.15, 30]	N	P
02	OM/03	CE0203L1	[0.15, 30]	L1	P
02	OM/04	CE0204N	[0.15, 30]	N	P
02	OM/04	CE0204L1	[0.15, 30]	L1	P
02	OM/05	CE0205N	[0.15, 30]	N	P
02	OM/05	CE0205L1	[0.15, 30]	L1	P
02	OM/06	CE0206N	[0.15, 30]	N	P
02	OM/06	CE0206L1	[0.15, 30]	L1	P
02	OM/07	CE0207N	[0.15, 30]	N	P
02	OM/07	CE0207L1	[0.15, 30]	L1	P
02	OM/08	CE0208N	[0.15, 30]	N	P
02	OM/08	CE0208L1	[0.15, 30]	L1	P
02	OM/09	CE0209N	[0.15, 30]	N	P
02	OM/09	CE0209L1	[0.15, 30]	L1	P
02	OM/10	CE0210N	[0.15, 30]	N	P
02	OM/10	CE0210L1	[0.15, 30]	L1	P
02	OM/11	CE0211N	[0.15, 30]	N	P
02	OM/11	CE0211L1	[0.15, 30]	L1	P

SI	OM	Code	Freq Rng (MHz)	Line	V
02	OM/12	CE0212N	[0.15, 30]	N	P
02	OM/12	CE0212L1	[0.15, 30]	L1	P
02	OM/13	CE0213N	[0.15, 30]	N	P
02	OM/13	CE0213L1	[0.15, 30]	L1	P
02	OM/14	CE0214N	[0.15, 30]	N	P
02	OM/14	CE0214L1	[0.15, 30]	L1	P
02	OM/15	CE0215N	[0.15, 30]	N	P
02	OM/15	CE0215L1	[0.15, 30]	L1	P
02	OM/16	CE0216N	[0.15, 30]	N	P
02	OM/16	CE0216L1	[0.15, 30]	L1	P
02	OM/17	CE0217N	[0.15, 30]	N	P
02	OM/17	CE0217L1	[0.15, 30]	L1	P
02	OM/18	CE0218N	[0.15, 30]	N	P
02	OM/18	CE0218L1	[0.15, 30]	L1	P
02	OM/19	CE0219N	[0.15, 30]	N	P
02	OM/19	CE0219L1	[0.15, 30]	L1	P
02	OM/20	CE0220N	[0.15, 30]	N	P
02	OM/20	CE0220L1	[0.15, 30]	L1	P
02	OM/21	CE0221N	[0.15, 30]	N	P
02	OM/21	CE0221L1	[0.15, 30]	L1	P
02	OM/22	CE0222N	[0.15, 30]	N	P
02	OM/22	CE0222L1	[0.15, 30]	L1	P
02	OM/23	CE0223N	[0.15, 30]	N	P
02	OM/23	CE0223L1	[0.15, 30]	L1	P
02	OM/24	CE0224N	[0.15, 30]	N	P
02	OM/24	CE0224L1	[0.15, 30]	L1	P
02	OM/25	CE0225N	[0.15, 30]	N	P
02	OM/25	CE0225L1	[0.15, 30]	L1	P
02	OM/26	CE0226N	[0.15, 30]	N	P
02	OM/26	CE0226L1	[0.15, 30]	L1	P
02	OM/27	CE0227N	[0.15, 30]	N	P
02	OM/27	CE0227L1	[0.15, 30]	L1	P
02	OM/28	CE0228N	[0.15, 30]	N	P
02	OM/28	CE0228L1	[0.15, 30]	L1	P
02	OM/29	CE0229N	[0.15, 30]	N	P
02	OM/29	CE0229L1	[0.15, 30]	L1	P
02	OM/30	CE0230N	[0.15, 30]	N	P
02	OM/30	CE0230L1	[0.15, 30]	L1	P
02	OM/31	CE0231N	[0.15, 30]	N	P
02	OM/31	CE0231L1	[0.15, 30]	L1	P

S/	OM	Code	Freq Rng (MHz)	Line	V
02	OM/32	CE0232N	[0.15, 30]	N	P
02	OM/32	CE0232L1	[0.15, 30]	L1	P
02	OM/33	CE0233N	[0.15, 30]	N	P
02	OM/33	CE0233L1	[0.15, 30]	L1	P
02	OM/34	CE0234N	[0.15, 30]	N	P
02	OM/34	CE0234L1	[0.15, 30]	L1	P
02	OM/35	CE0235N	[0.15, 30]	N	P
02	OM/35	CE0235L1	[0.15, 30]	L1	P
02	OM/36	CE0236N	[0.15, 30]	N	P
02	OM/36	CE0236L1	[0.15, 30]	L1	P

Verdict

Pass

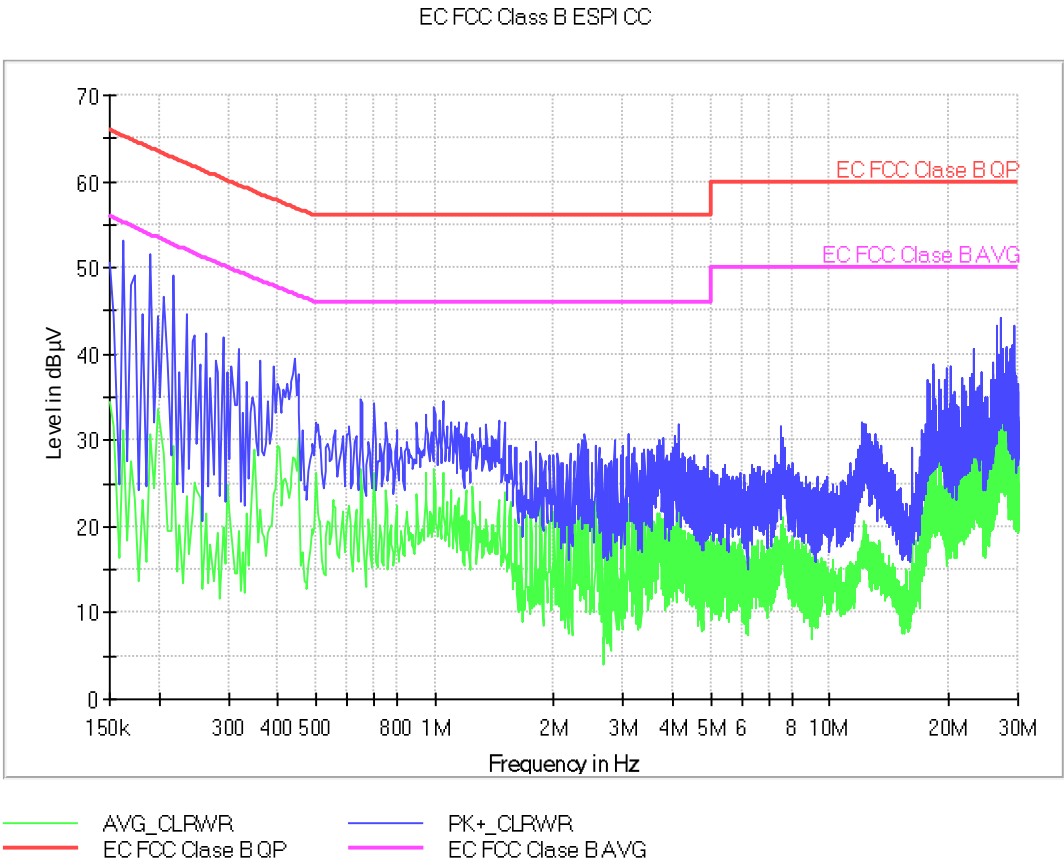
Attachments

EMC Test Code = CE0201N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/01. EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular network searching. Power supply: 115Vac, 60Hz

Images:



Tables:

Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
0.162000	53.2	31.3	N

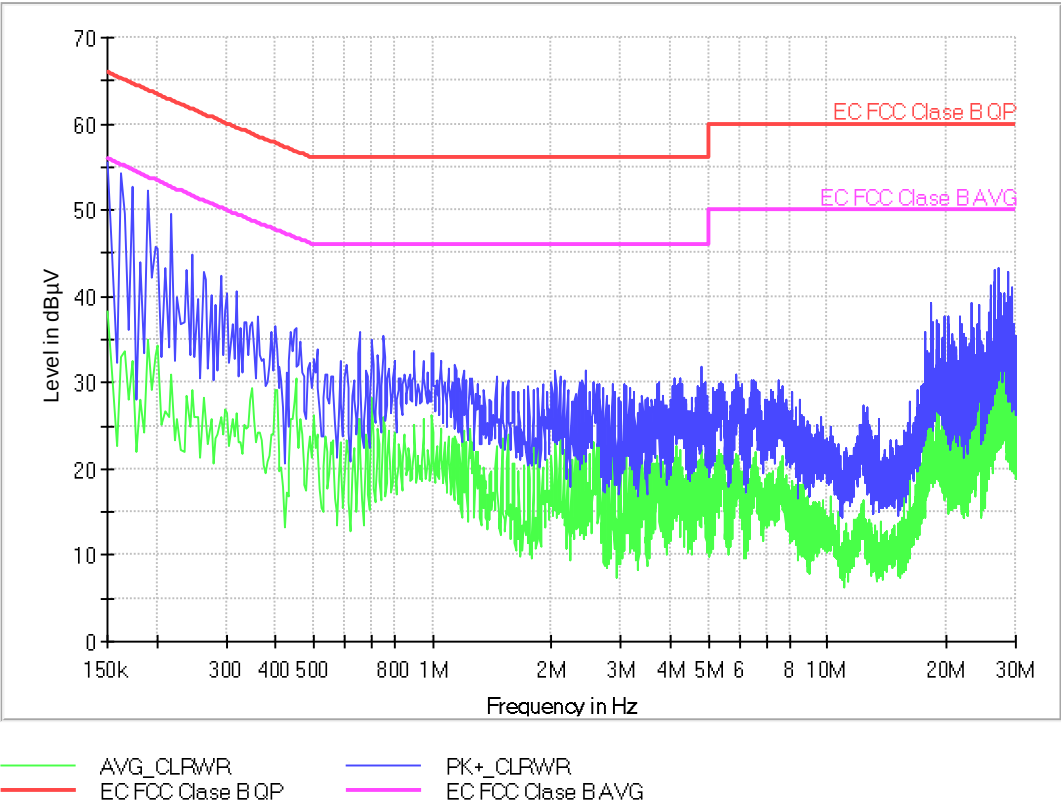
EMC Test Code = CE0201L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/01. EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular network searching. Power supply: 115Vac, 60Hz

Images:

EC FCC Class B ESPI CC



Tables:

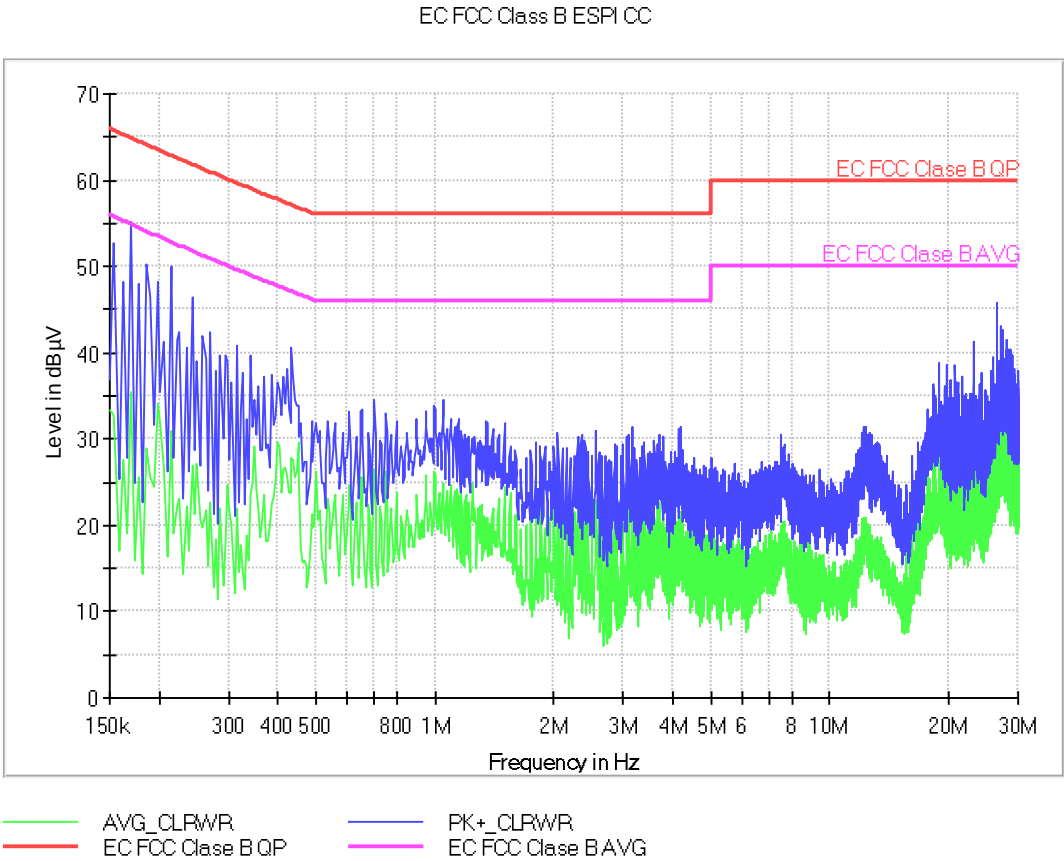
Frequency (MHz)	PK+_ CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
0.150000	55.7	38.3	L1

EMC Test Code = CE0202N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/02. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 60Hz.

Images:



Tables:

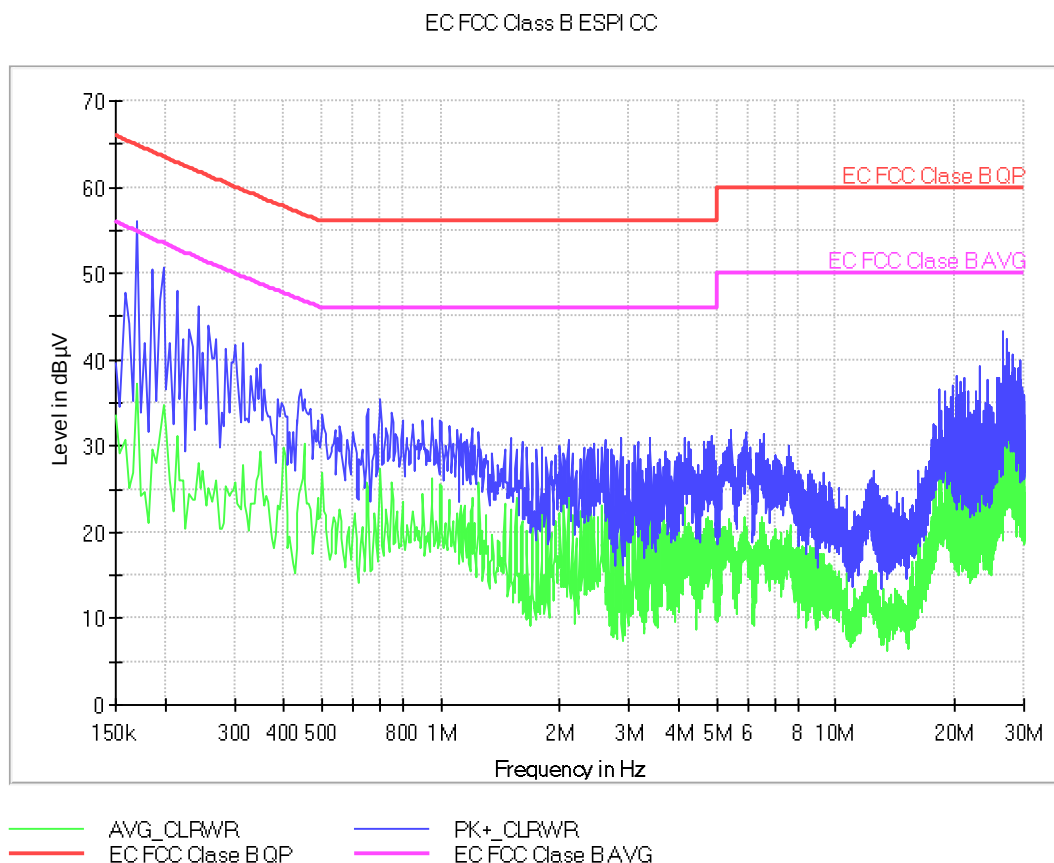
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.170000	55.2	35.5	N

EMC Test Code = CE0202L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/02. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 60Hz.

Images:



Tables:

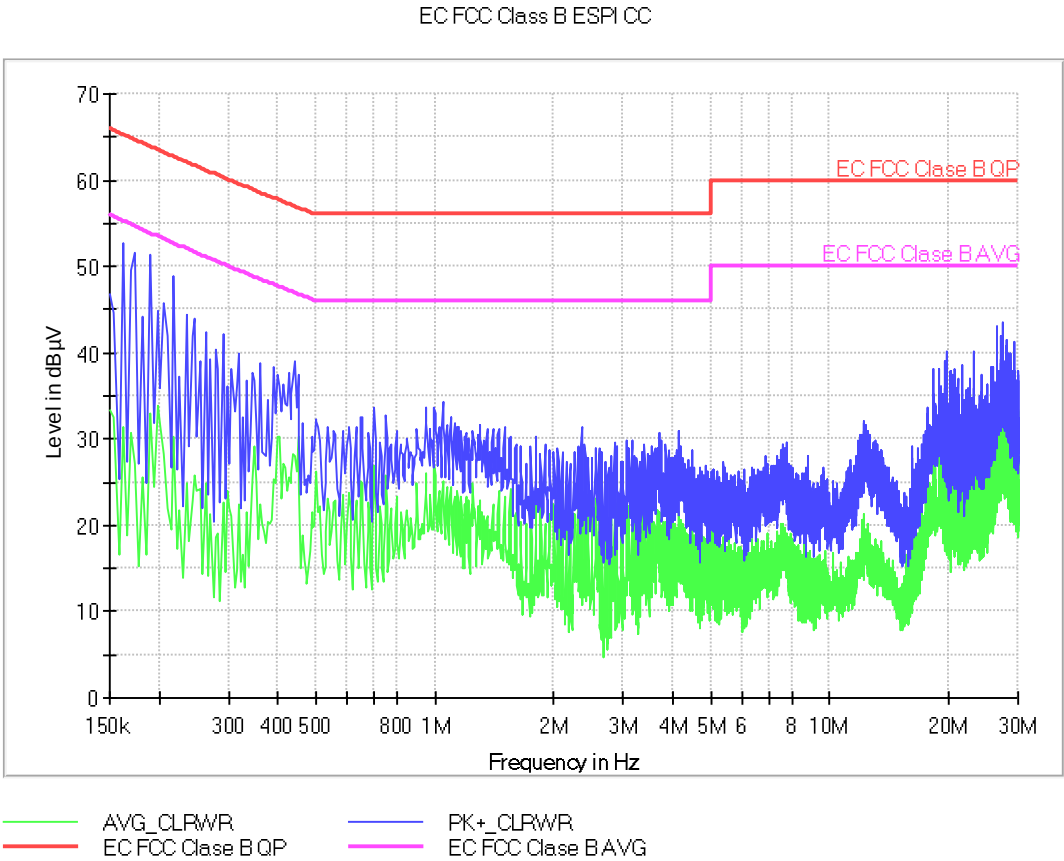
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.164000	54.8	36.5	N

EMC Test Code = CE0203N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/03. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 60Hz.

Images:



Tables:

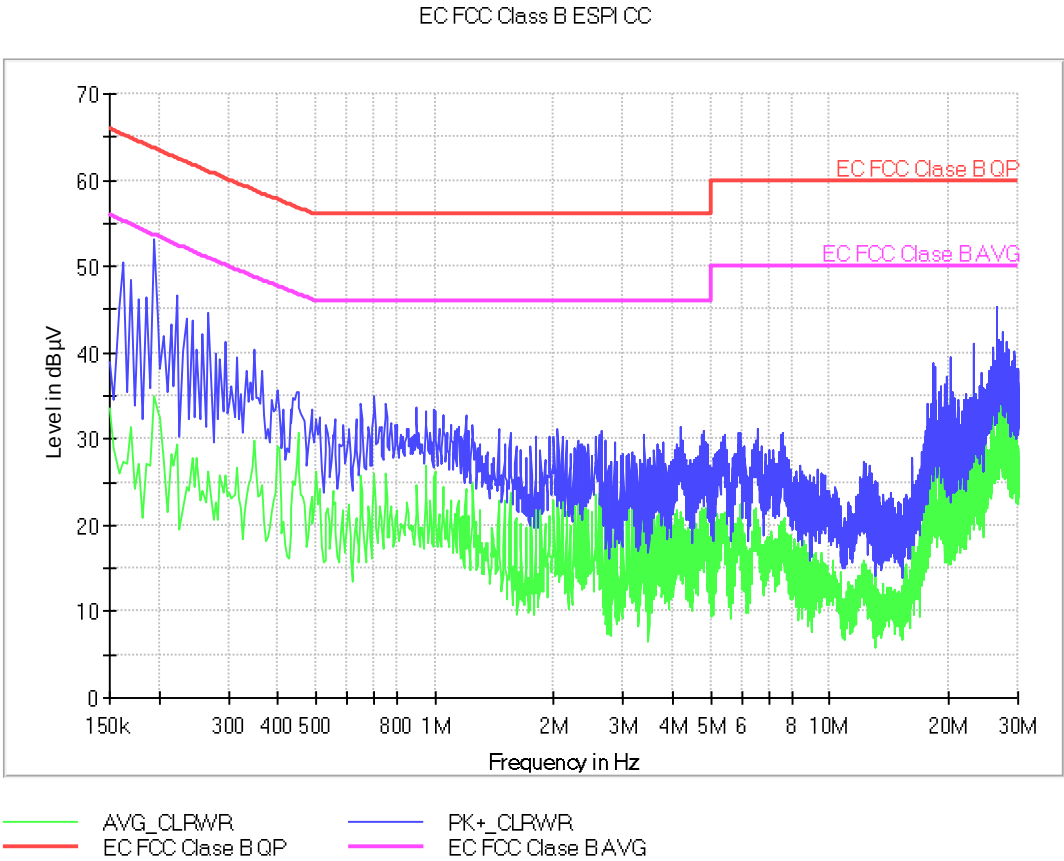
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.162000	52.8	31.5	N

EMC Test Code = CE0203L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/03. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 60Hz.

Images:



Tables:

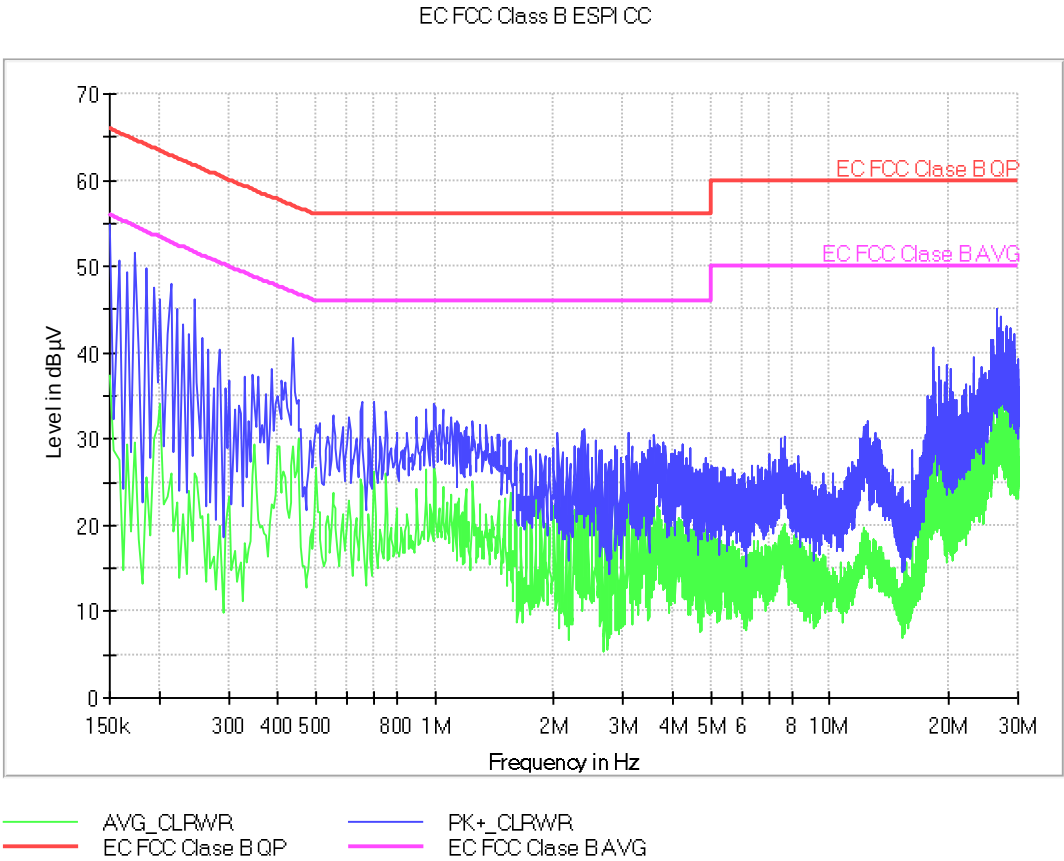
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.194000	53.2	35.1	L1

EMC Test Code = CE0204N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/04. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 60Hz.

Images:



Tables:

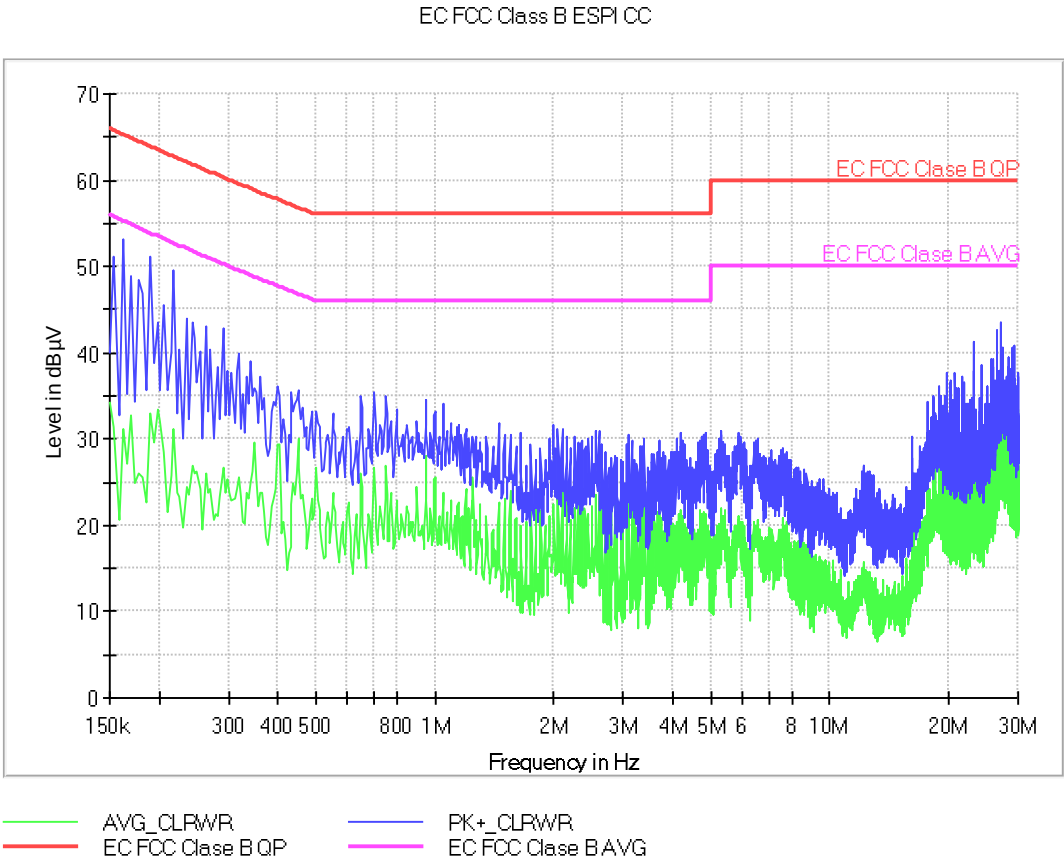
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	55.1	37.4	N

EMC Test Code = CE0204L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/04. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 60Hz.

Images:



Tables:

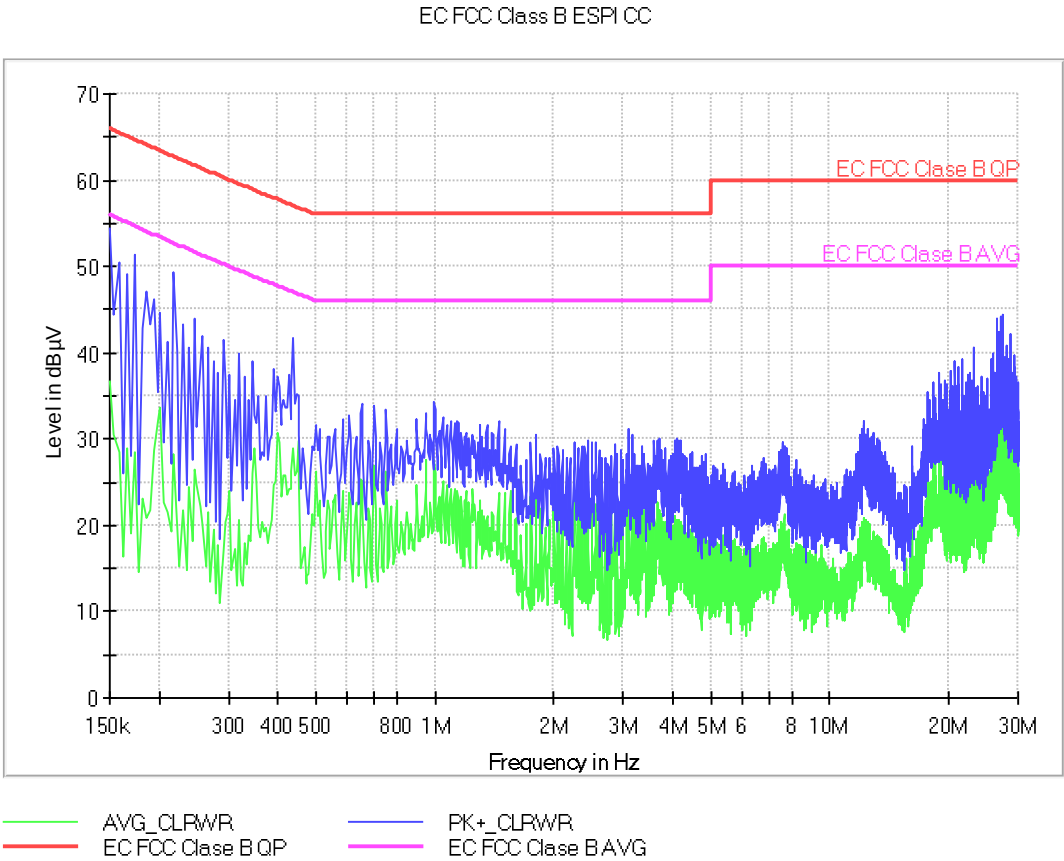
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.162000	53.2	31.2	L1

EMC Test Code = CE0205N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/05. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 60Hz.

Images:



Tables:

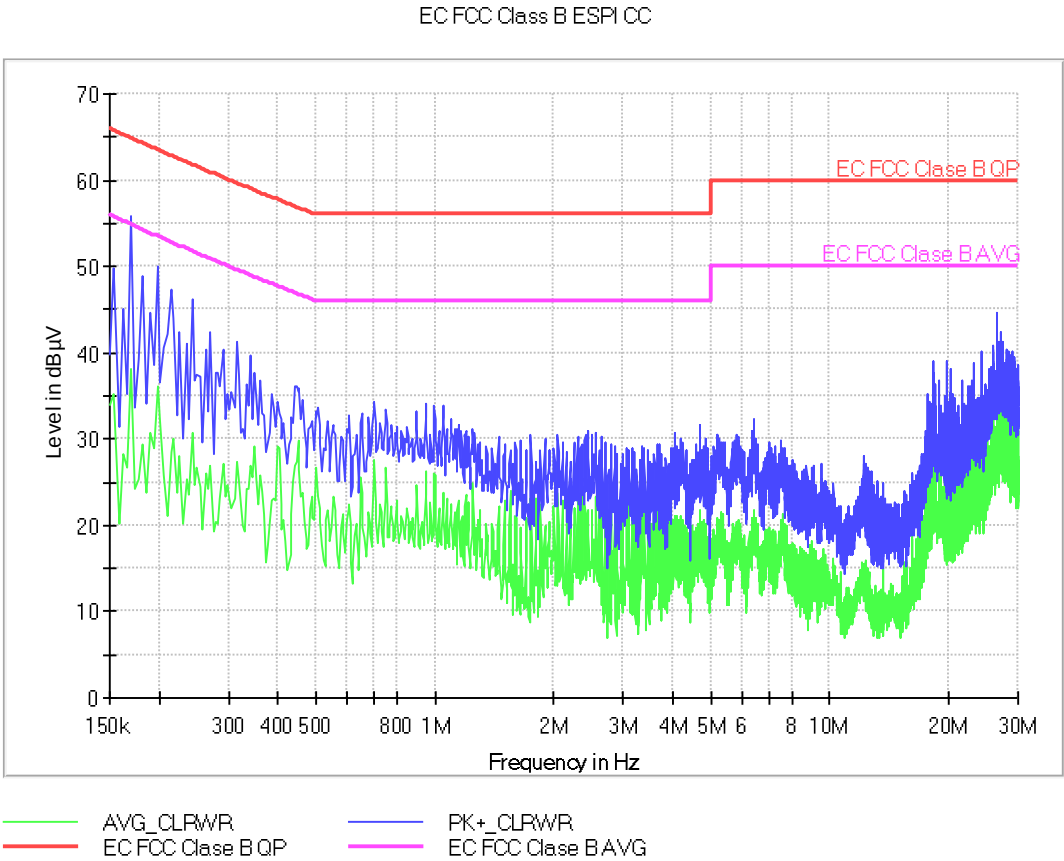
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	54.5	36.7	N

EMC Test Code = CE0205L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/05. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 60Hz.

Images:



Tables:

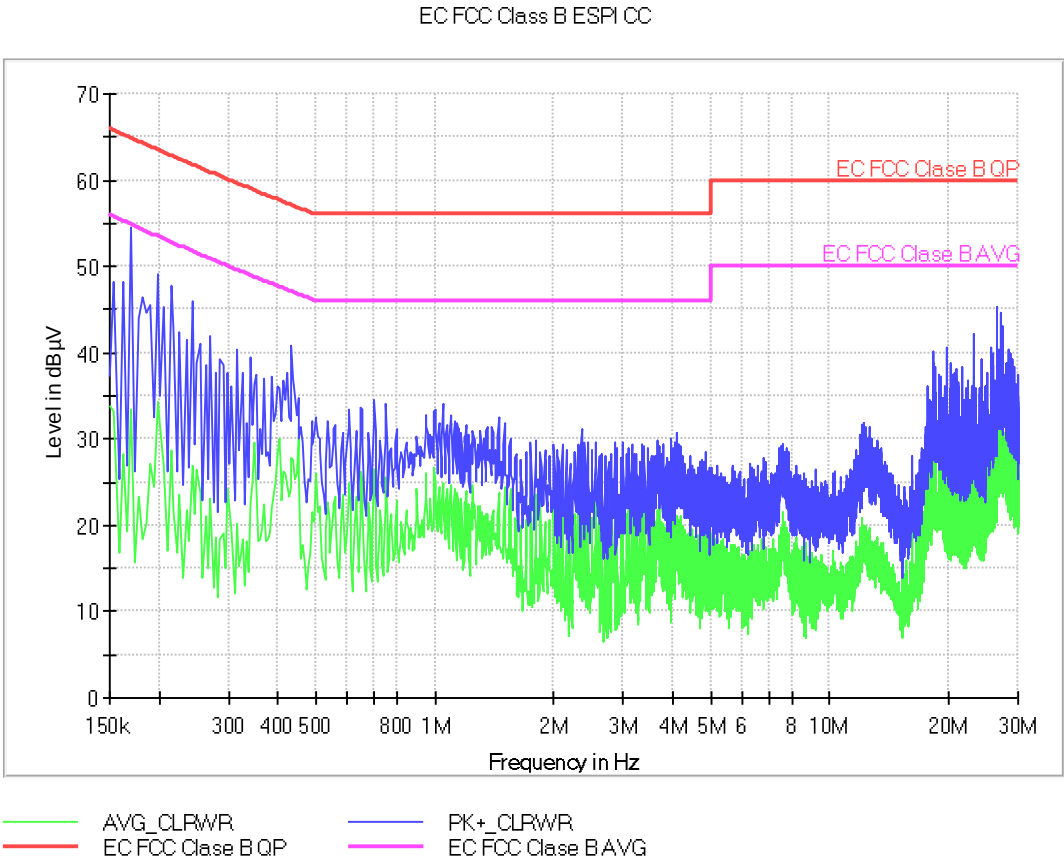
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.175000	54.2	37.9	L1

EMC Test Code = CE0206N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/06. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 60Hz.

Images:



Tables:

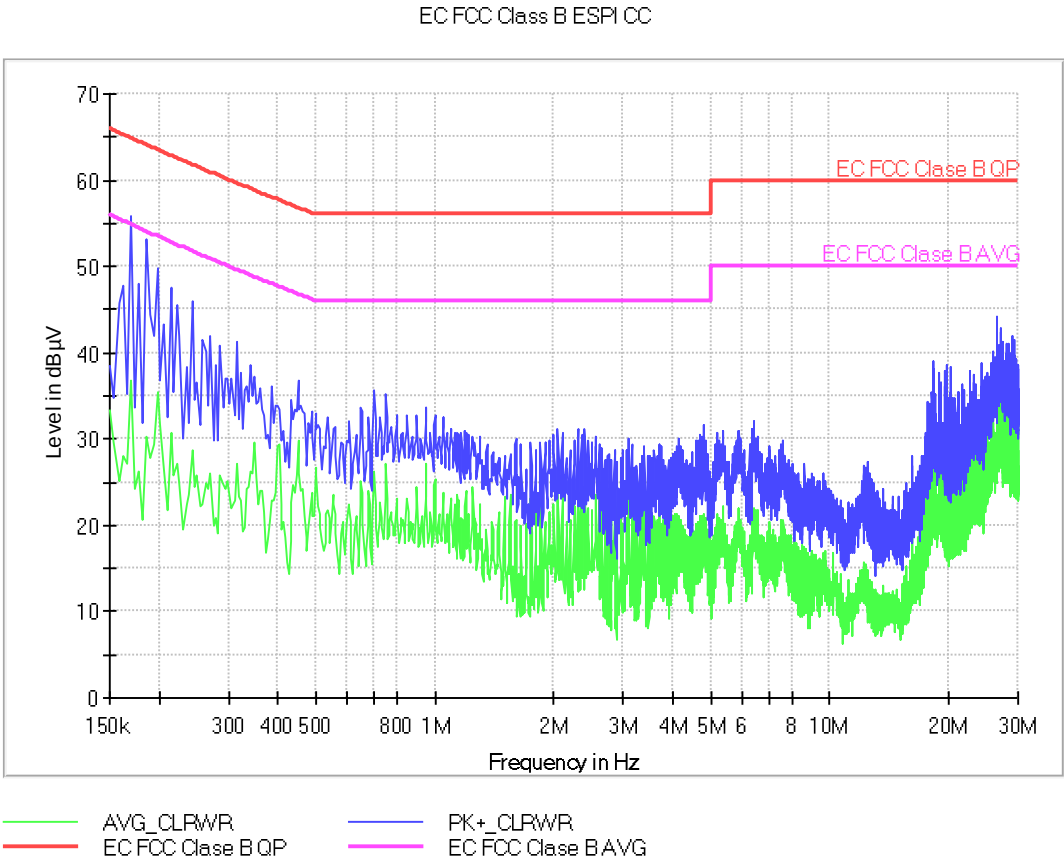
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.170000	54.5	33.3	N

EMC Test Code = CE0206L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/06. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 60Hz.

Images:



Tables:

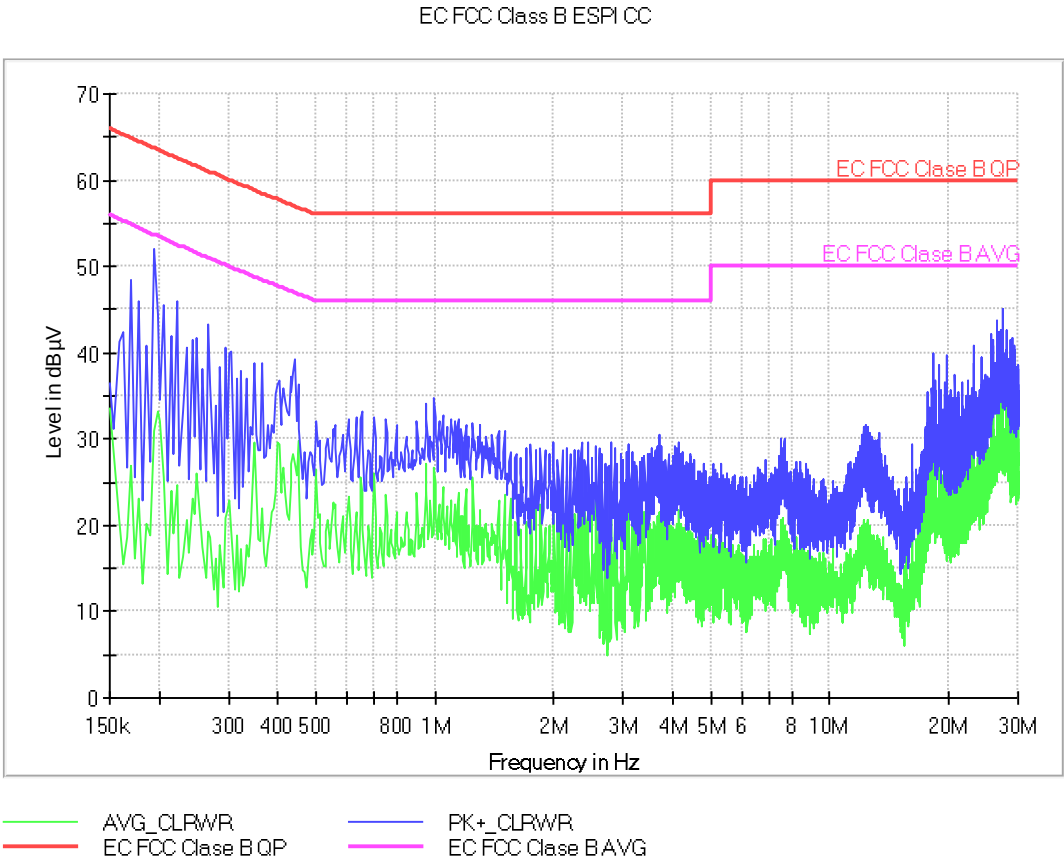
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.170000	55.8	36.7	L1

EMC Test Code = CE0207N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/07. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 60Hz.

Images:



Tables:

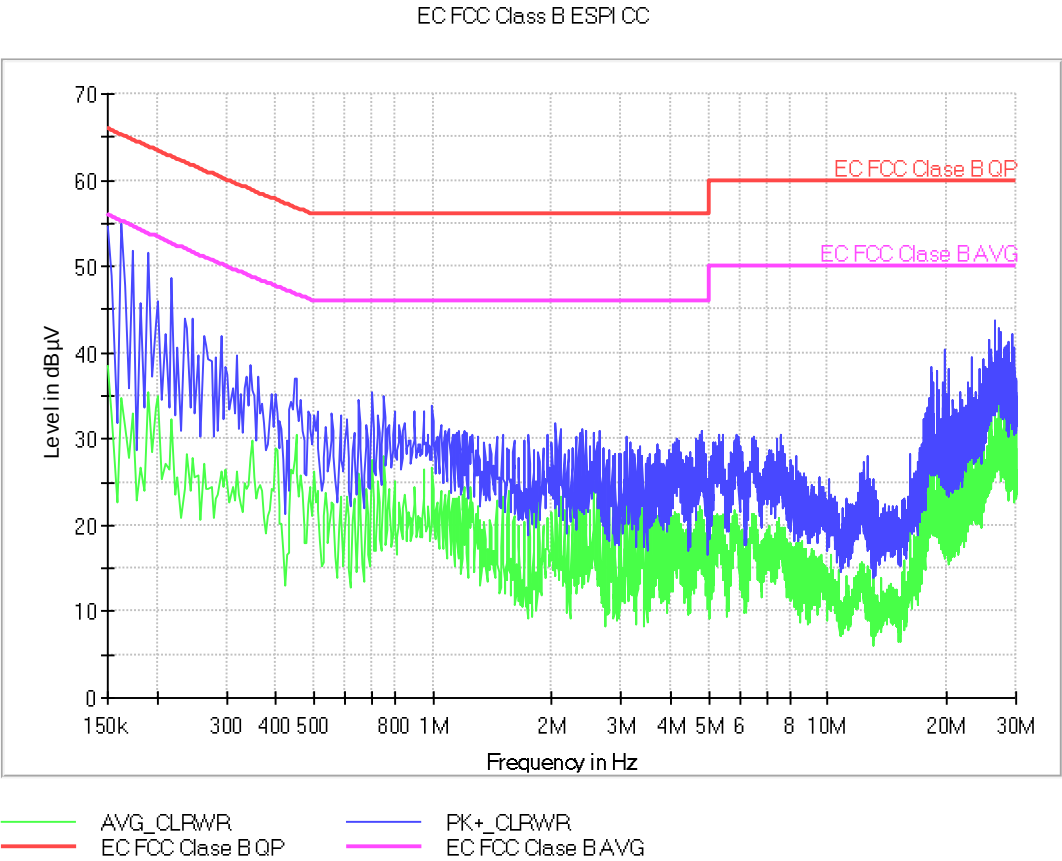
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.194000	51.9	31.0	N

EMC Test Code = CE0207L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/07. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 60Hz.

Images:



Tables:

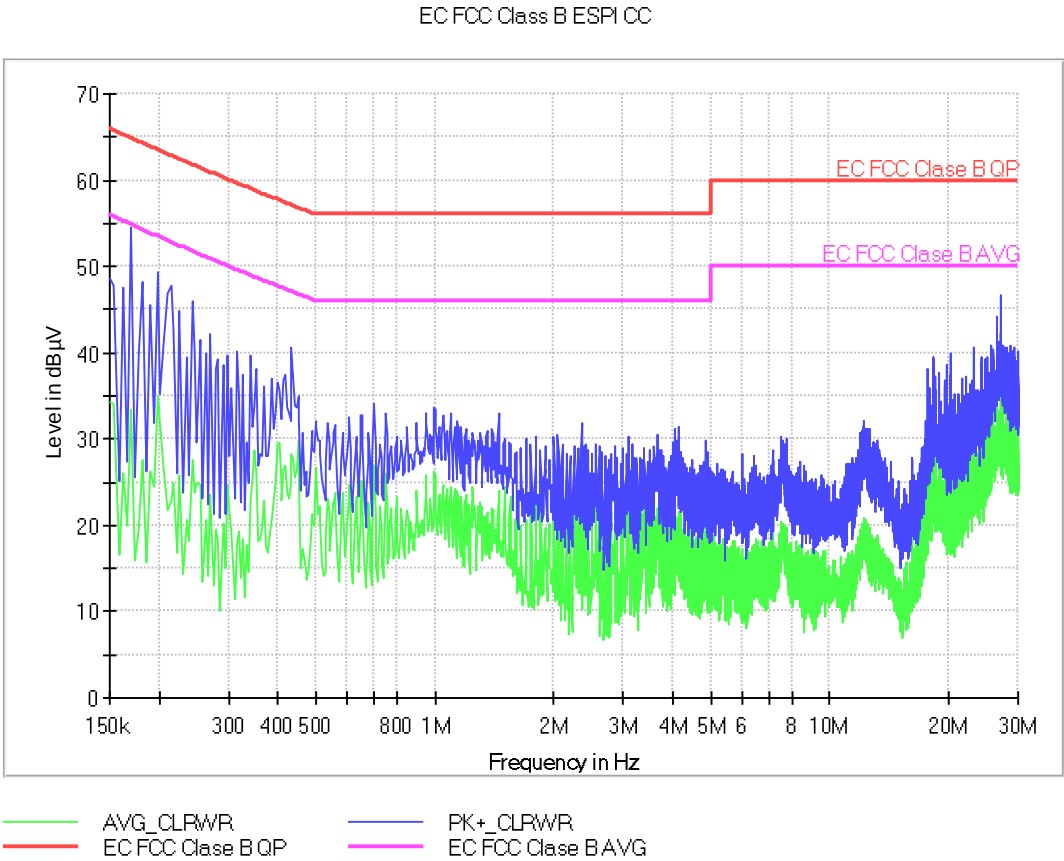
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.162000	54.9	34.7	L1

EMC Test Code = CE0208N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/08. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 60Hz.

Images:



Tables:

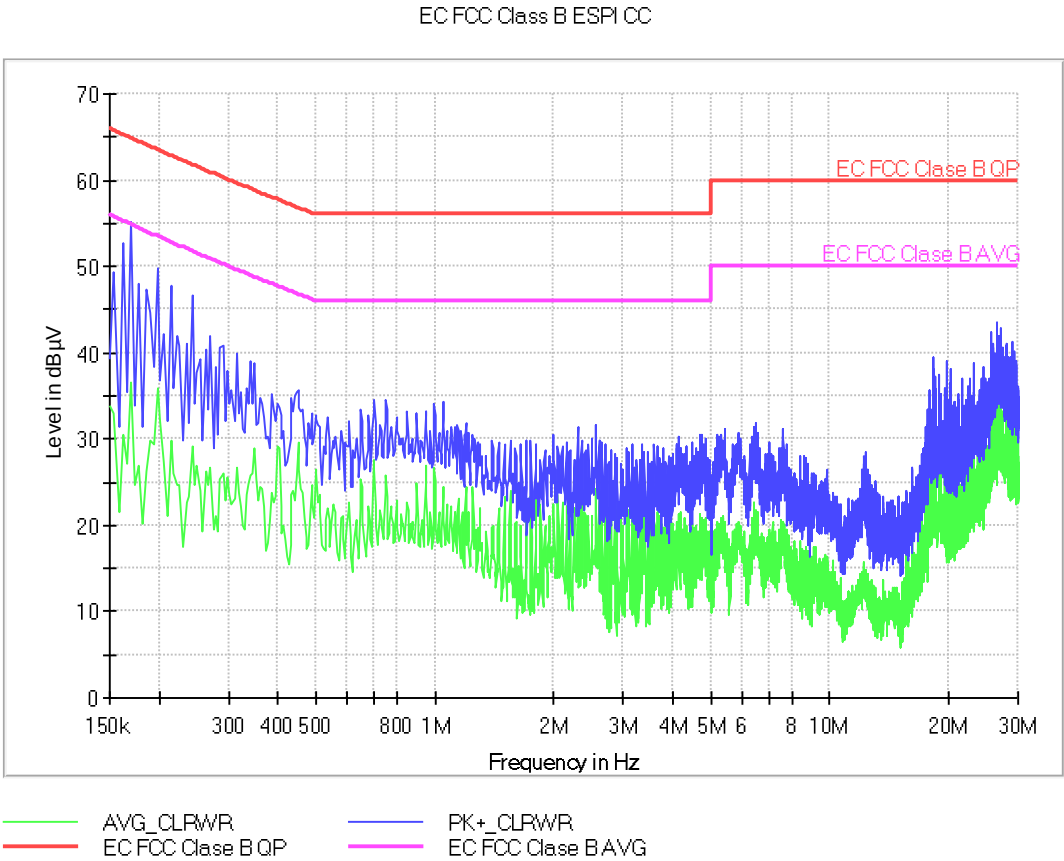
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.165000	54.8	33.4	N

EMC Test Code = CE0208L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/08. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 60Hz.

Images:



Tables:

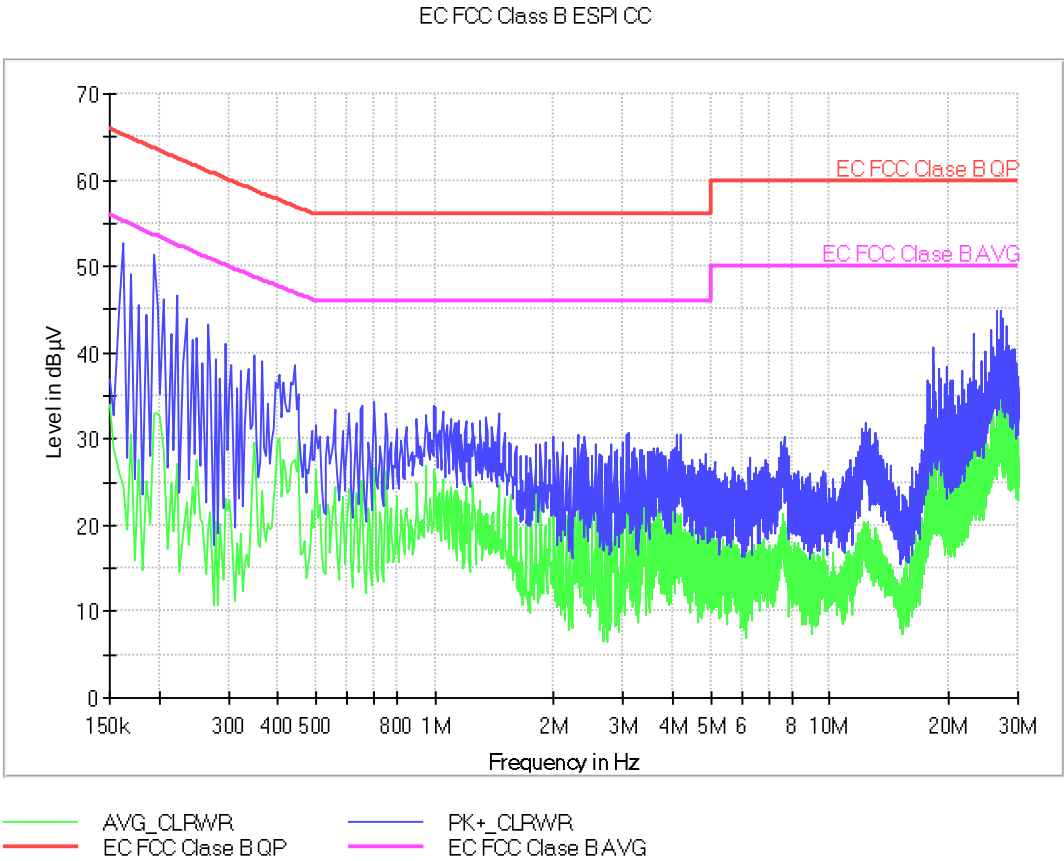
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.170000	55.1	36.6	L1

EMC Test Code = CE0209N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/09. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 60Hz.

Images:



Tables:

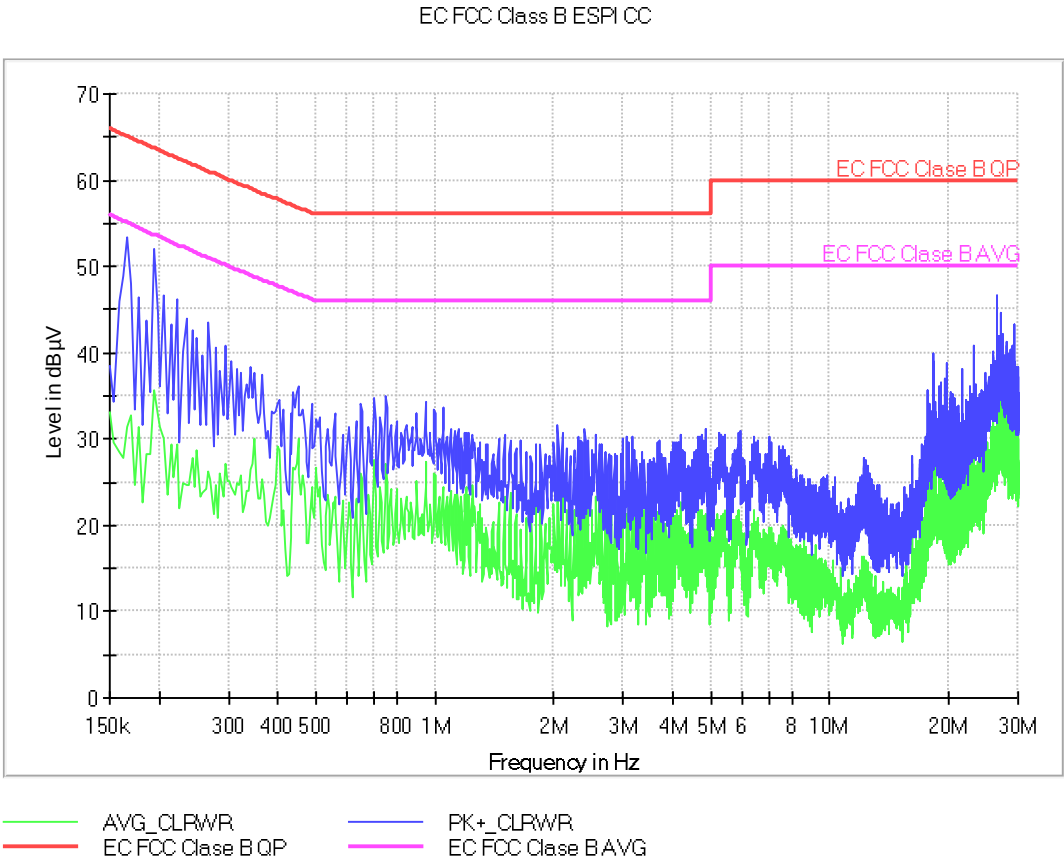
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.162000	52.7	24.6	N

EMC Test Code = CE0209L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/09. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 60Hz.

Images:



Tables:

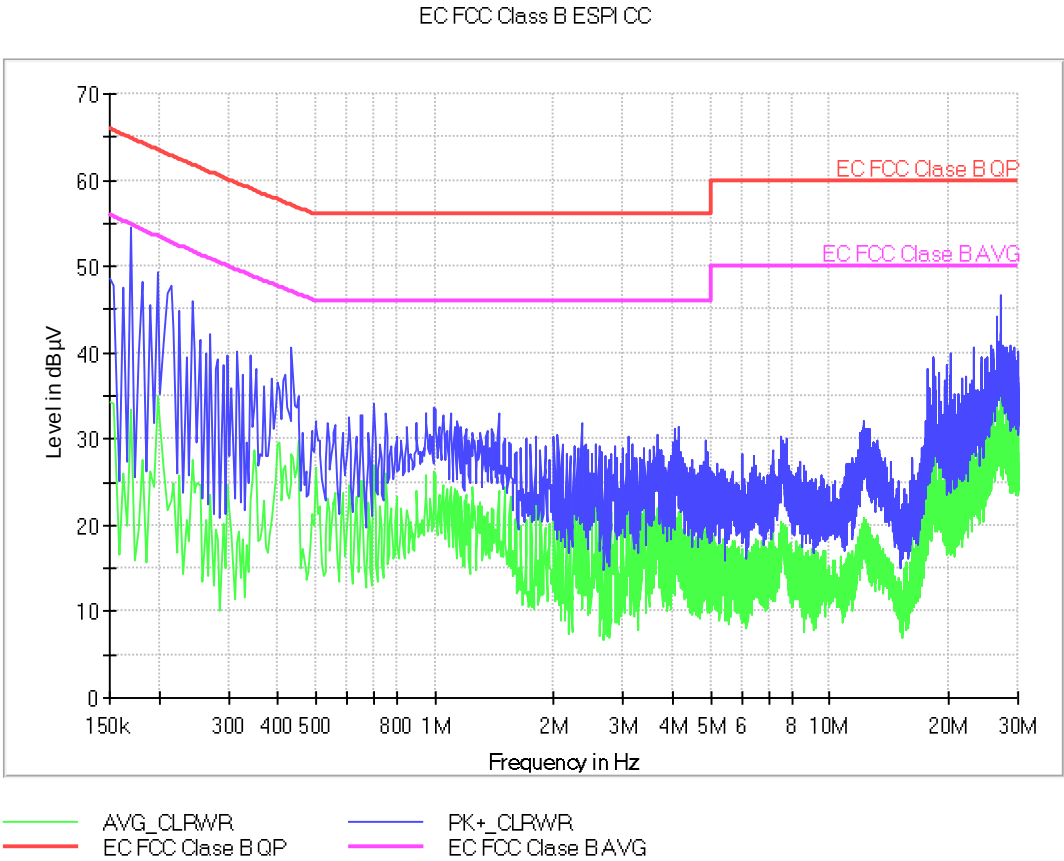
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.166000	53.3	31.4	L1

EMC Test Code = CE0210N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/10. EUT ON. MS in traffic mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 60Hz.

Images:



Tables:

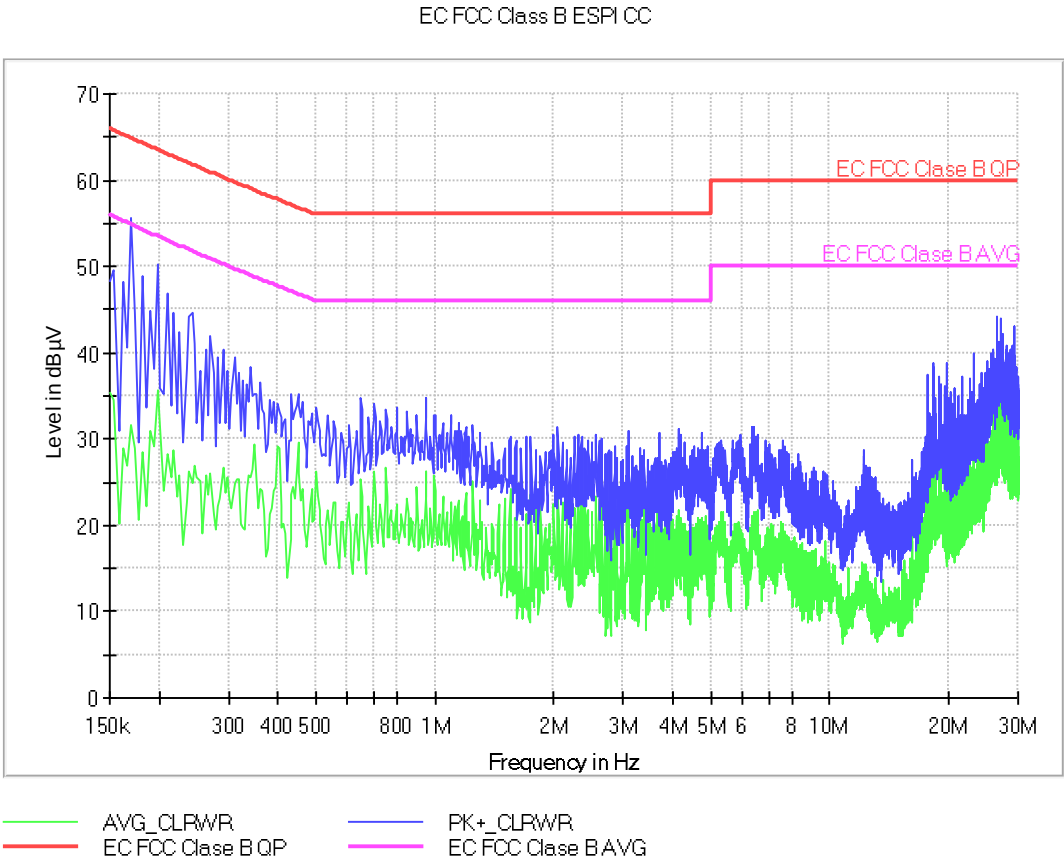
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.170000	54.6	33.4	N

EMC Test Code = CE0210L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/10. EUT ON. MS in traffic mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 60Hz.

Images:



Tables:

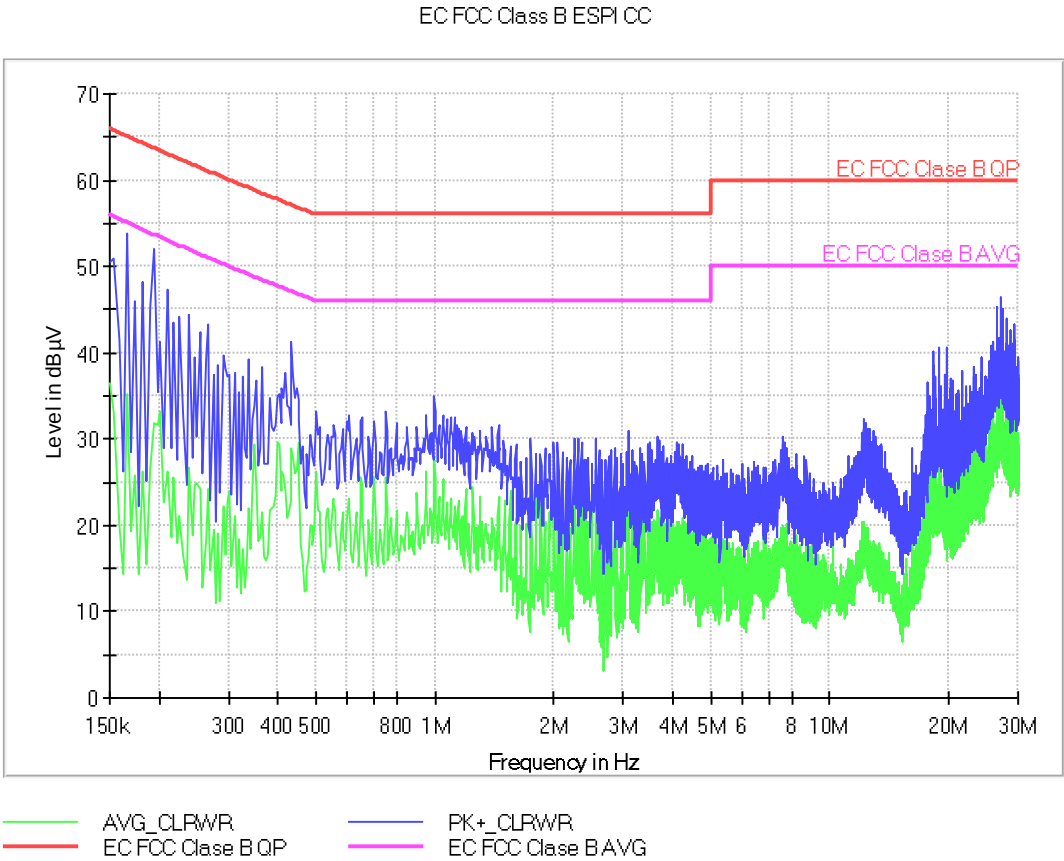
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.170000	55.7	31.5	L1

EMC Test Code = CE0211N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/11. EUT ON. MS in traffic mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 60Hz.

Images:



Tables:

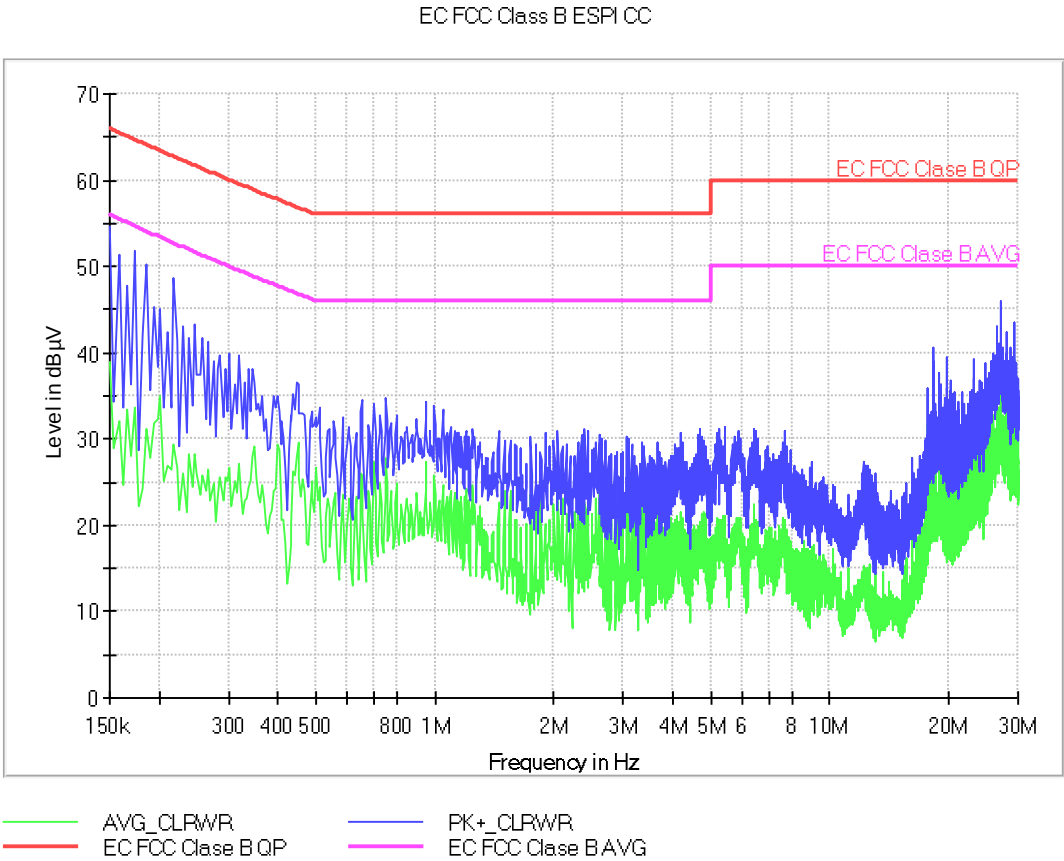
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.166000	53.8	35.3	N

EMC Test Code = CE0211L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/11. EUT ON. MS in traffic mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 60Hz.

Images:



Tables:

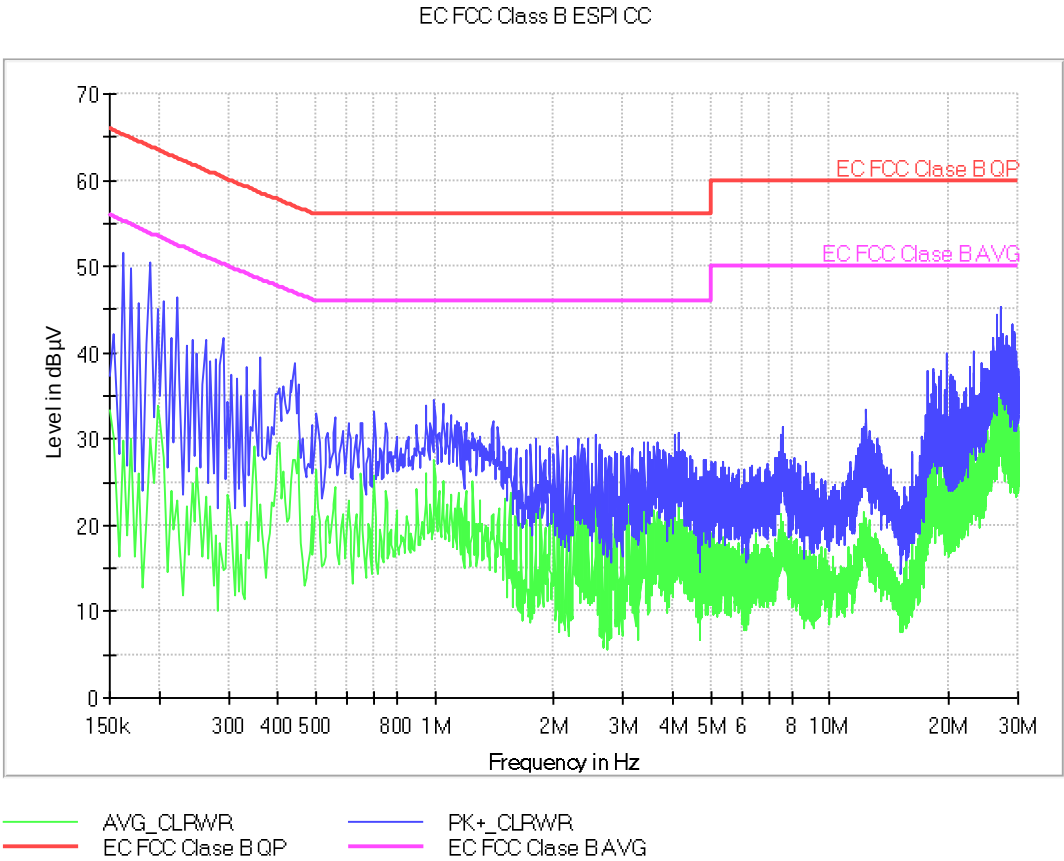
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	54.7	39.0	L1

EMC Test Code = CE0212N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/12. EUT ON. MS in traffic mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 60Hz.

Images:



Tables:

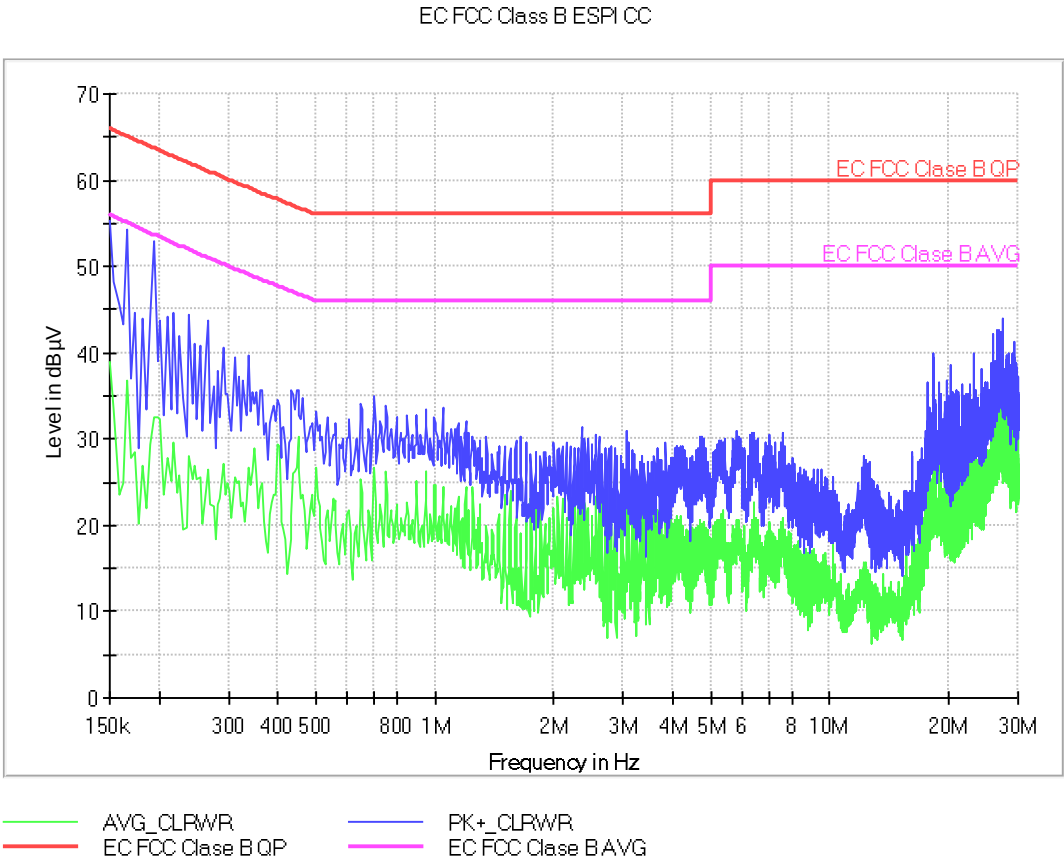
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.162000	51.5	29.8	N

EMC Test Code = CE0212L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/12. EUT ON. MS in traffic mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 60Hz.

Images:



Tables:

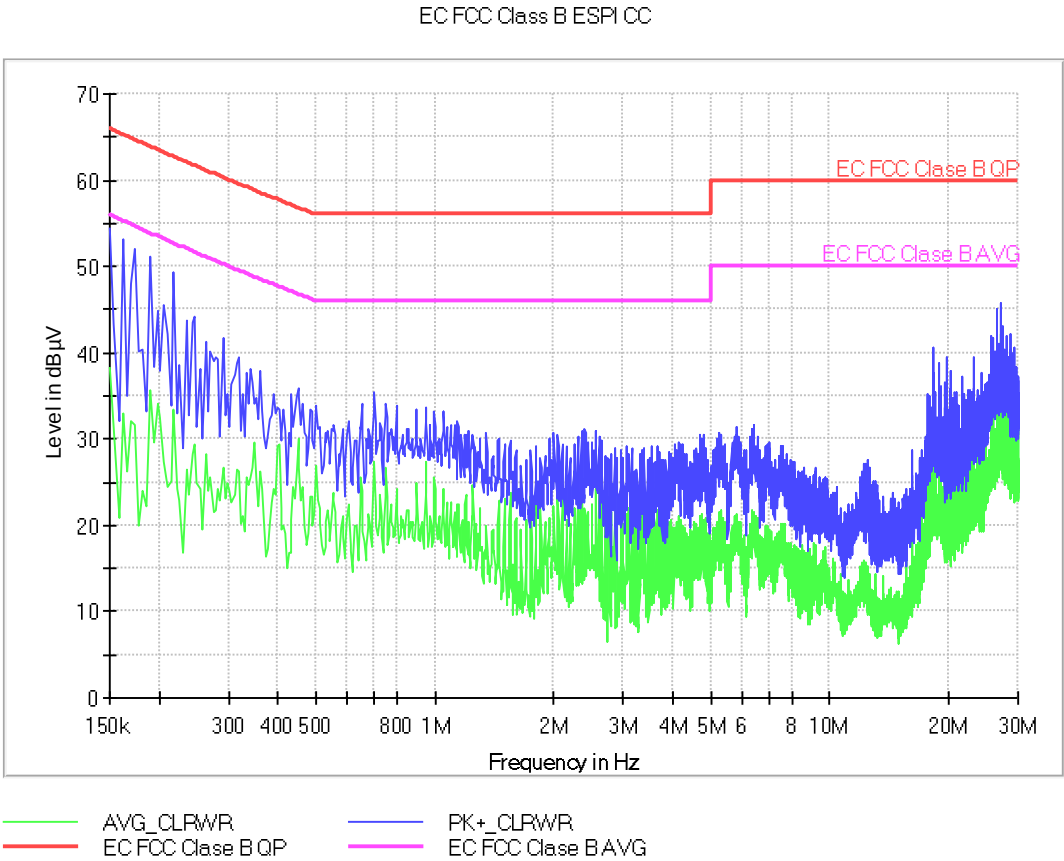
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	55.3	39.0	L1

EMC Test Code = CE0213N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/13. EUT ON. MS in traffic mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 60Hz.

Images:



Tables:

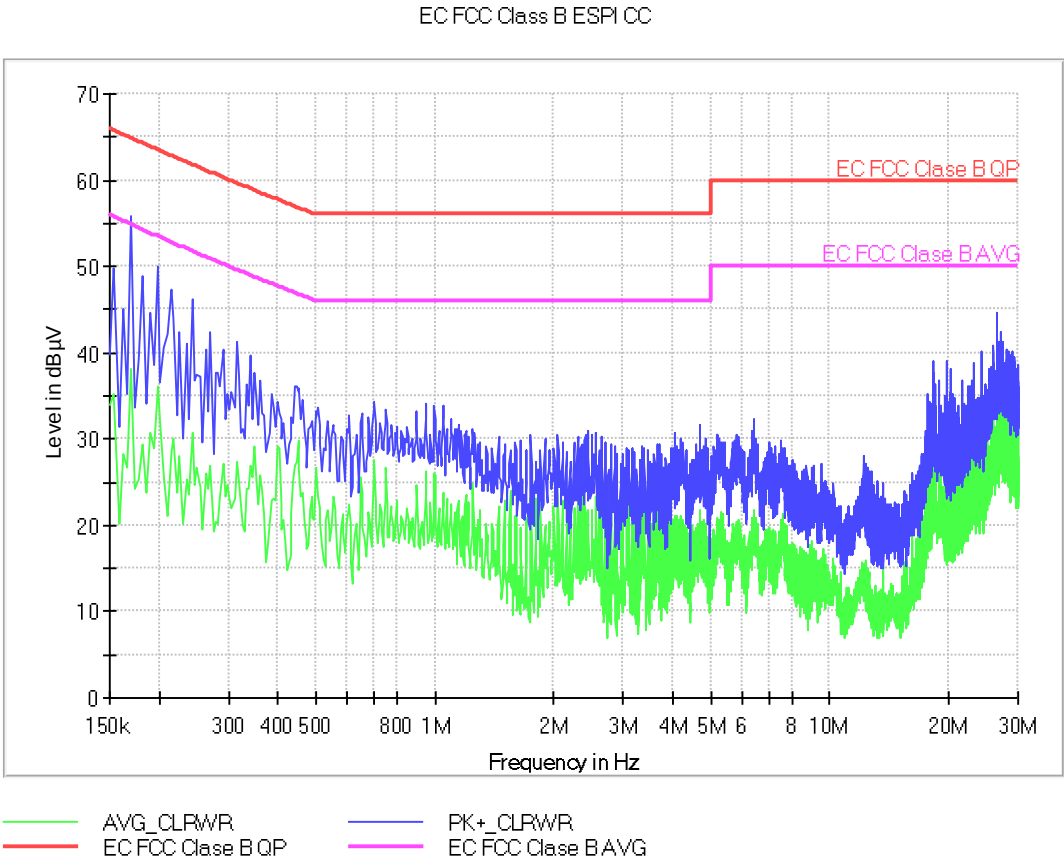
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	54.4	38.4	N

EMC Test Code = CE0213L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/13. EUT ON. MS in traffic mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 60Hz.

Images:



Tables:

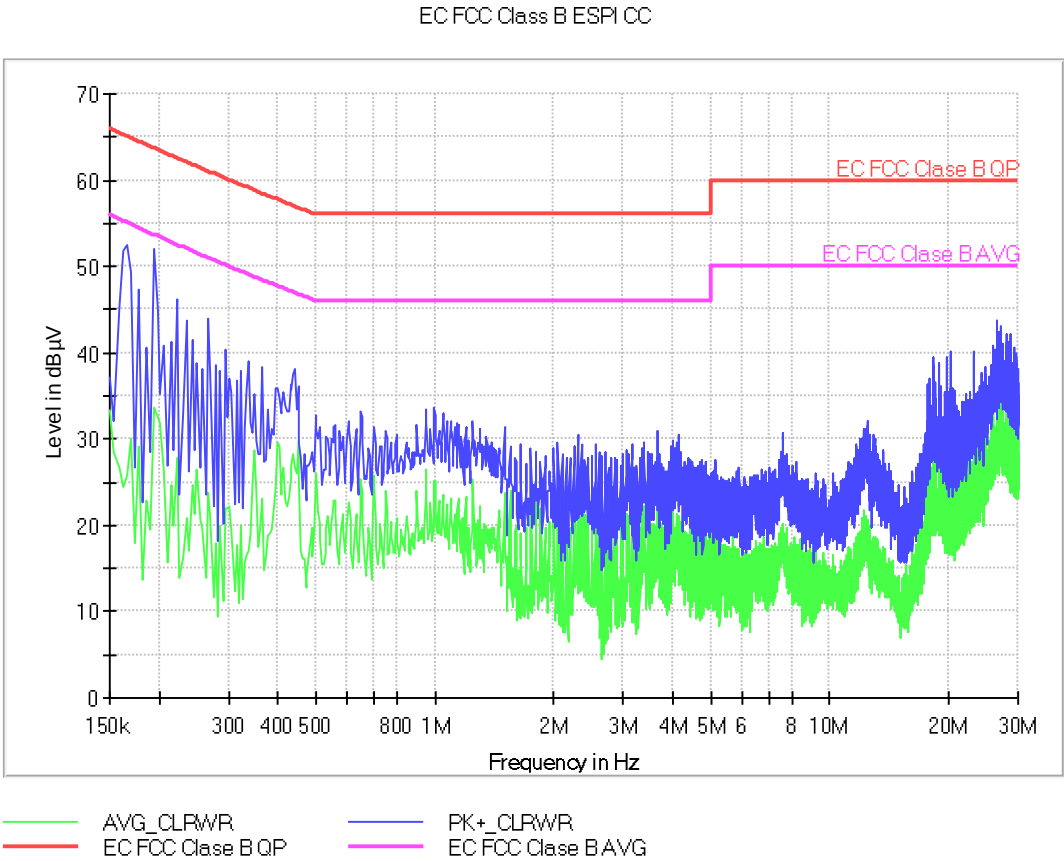
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.170000	55.8	38.2	L1

EMC Test Code = CE0214N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/14. EUT ON. MS in traffic mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 60Hz.

Images:



Tables:

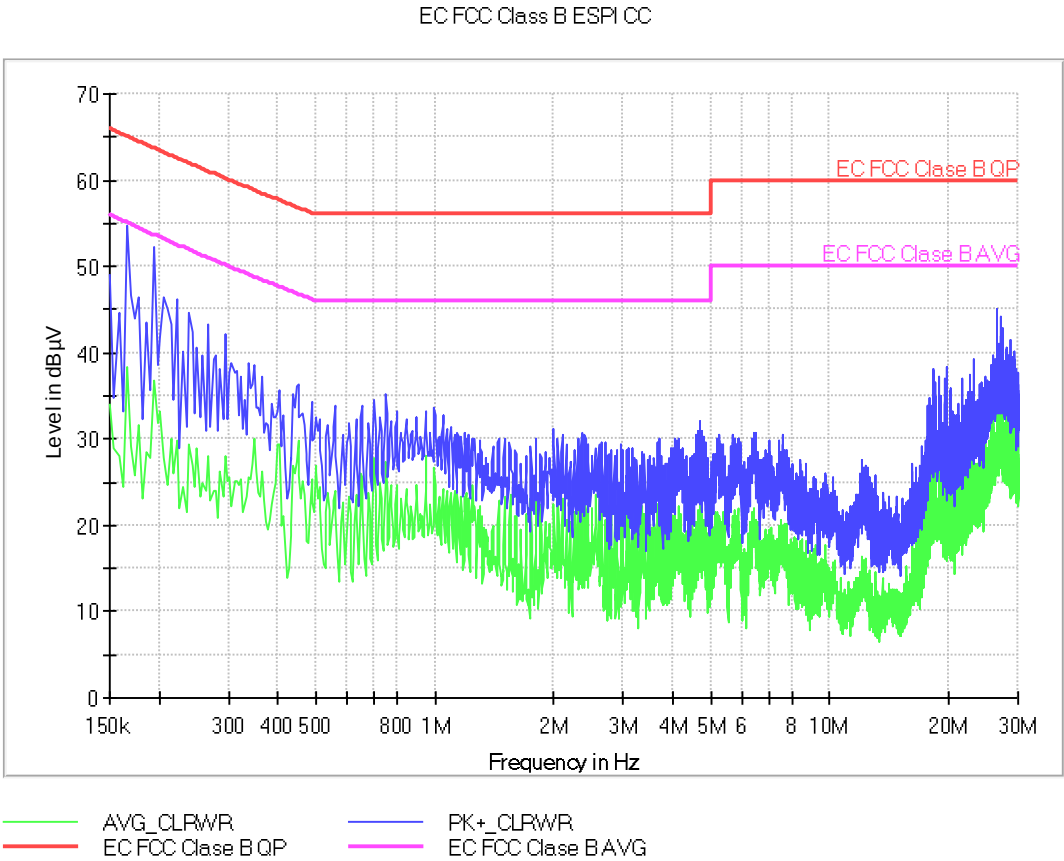
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.166000	52.4	25.9	N

EMC Test Code = CE0214L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/14. EUT ON. MS in traffic mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 60Hz.

Images:



Tables:

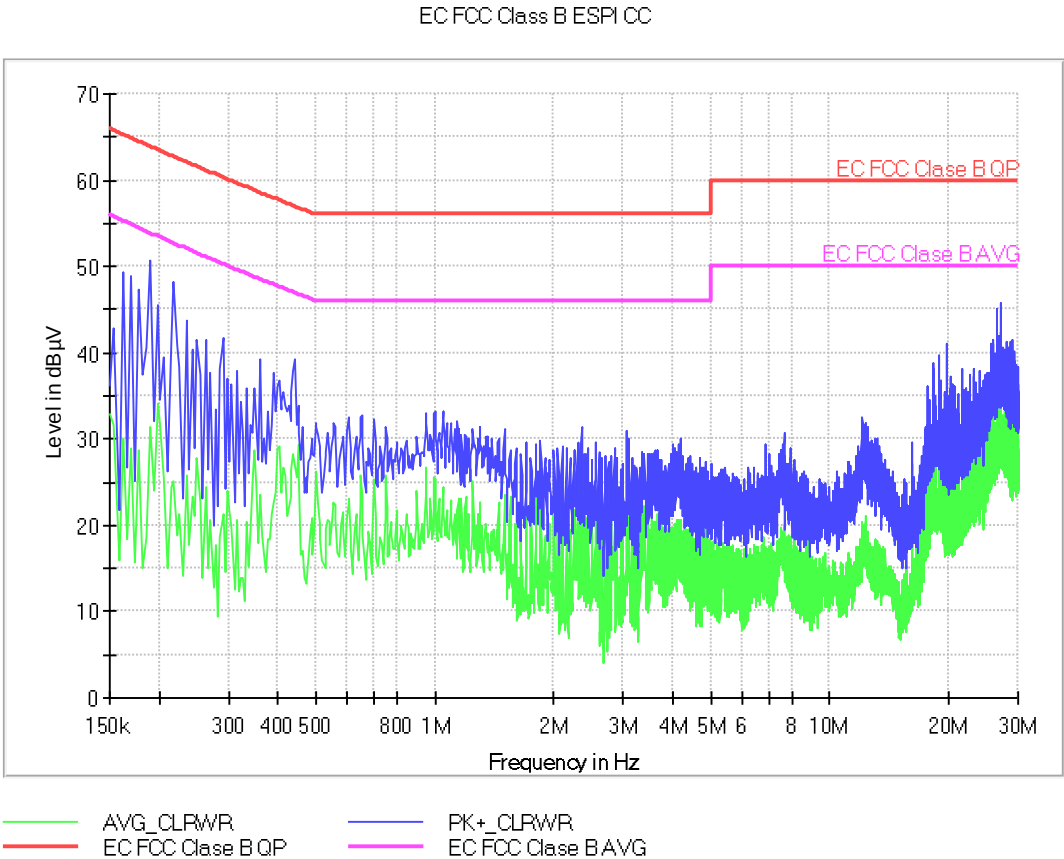
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.166000	54.8	38.3	L1

EMC Test Code = CE0215N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/15. EUT ON. MS in traffic mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 60Hz.

Images:



Tables:

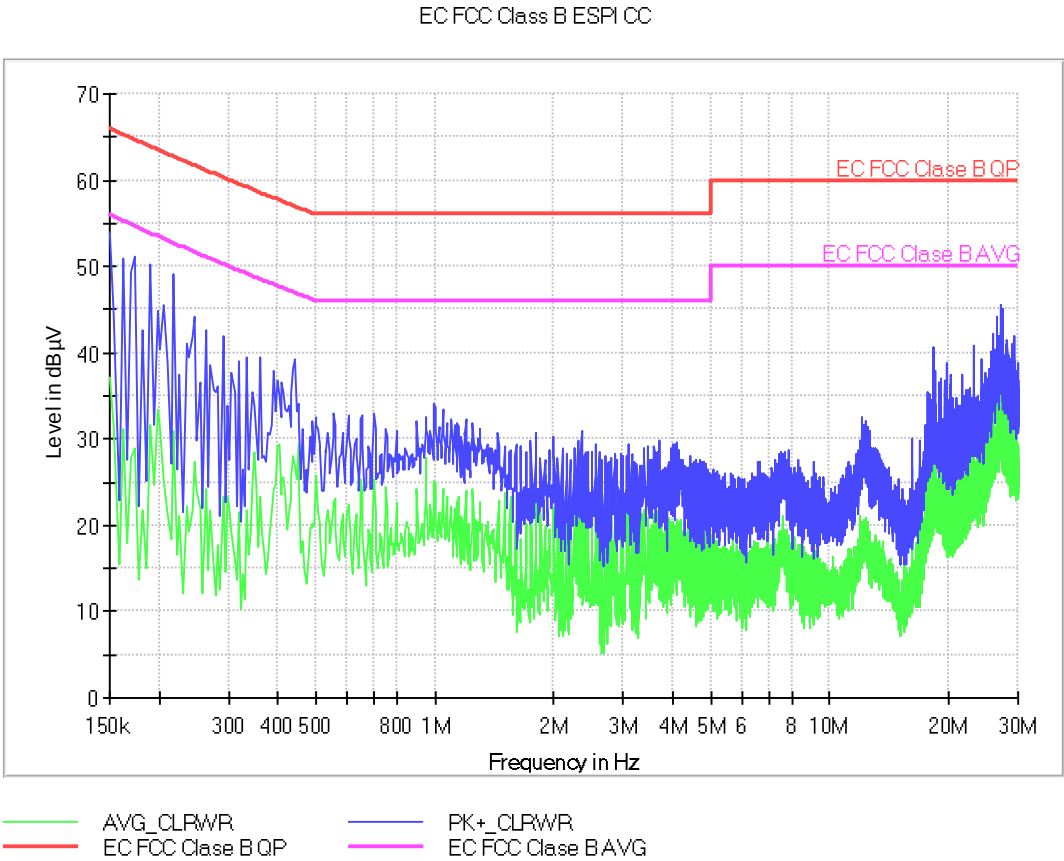
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.190000	50.6	31.4	N

EMC Test Code = CE0215L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/15. EUT ON. MS in traffic mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 60Hz.

Images:



Tables:

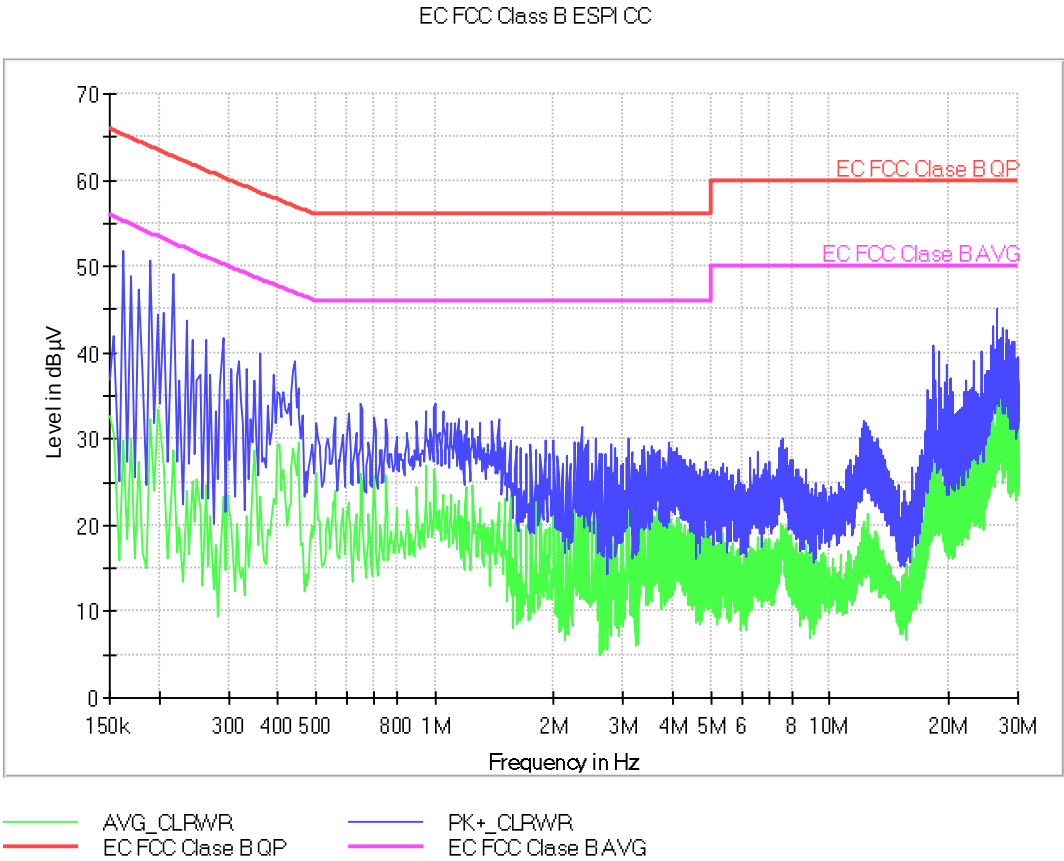
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	54.2	37.4	L1

EMC Test Code = CE0216N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/16. EUT ON. MS in traffic mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 60Hz.

Images:



Tables:

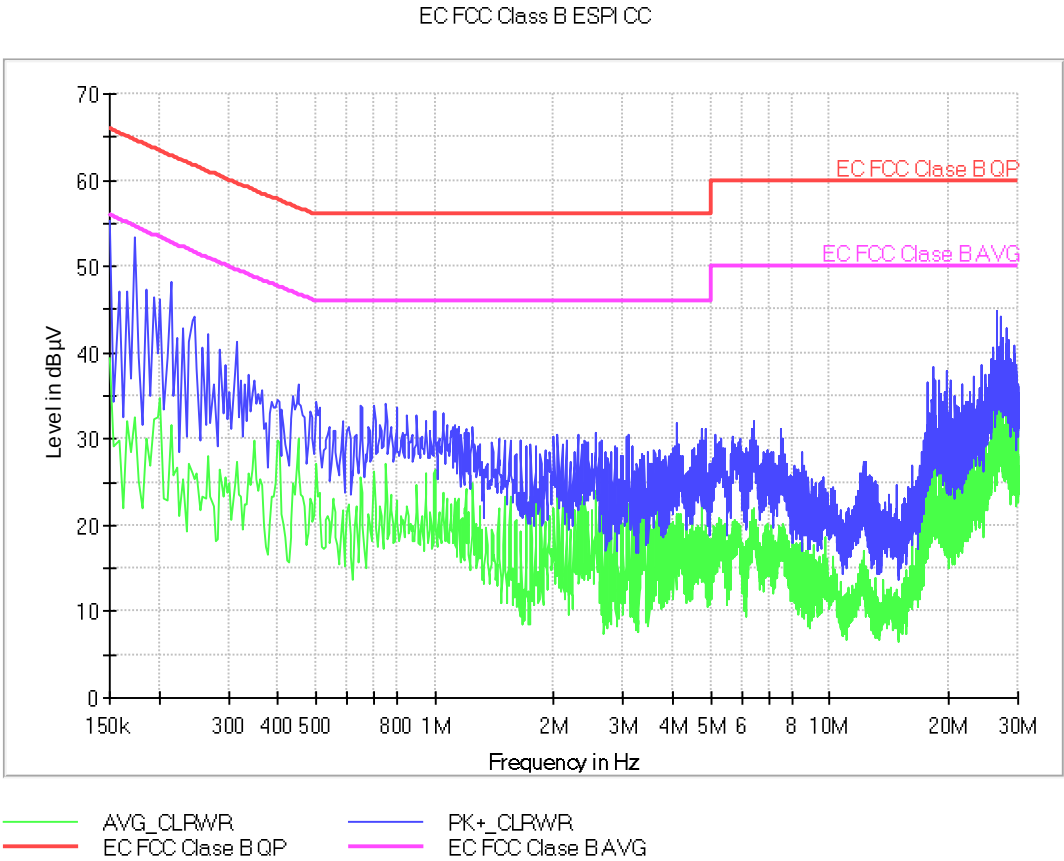
Frequency(MHz)	PK+_CLRWR(dBµV)	AVG_CLRWR(dBµV)	Line
0.162000	51.9	29.8	N

EMC Test Code = CE0216L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/16. EUT ON. MS in traffic mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 60Hz.

Images:



Tables:

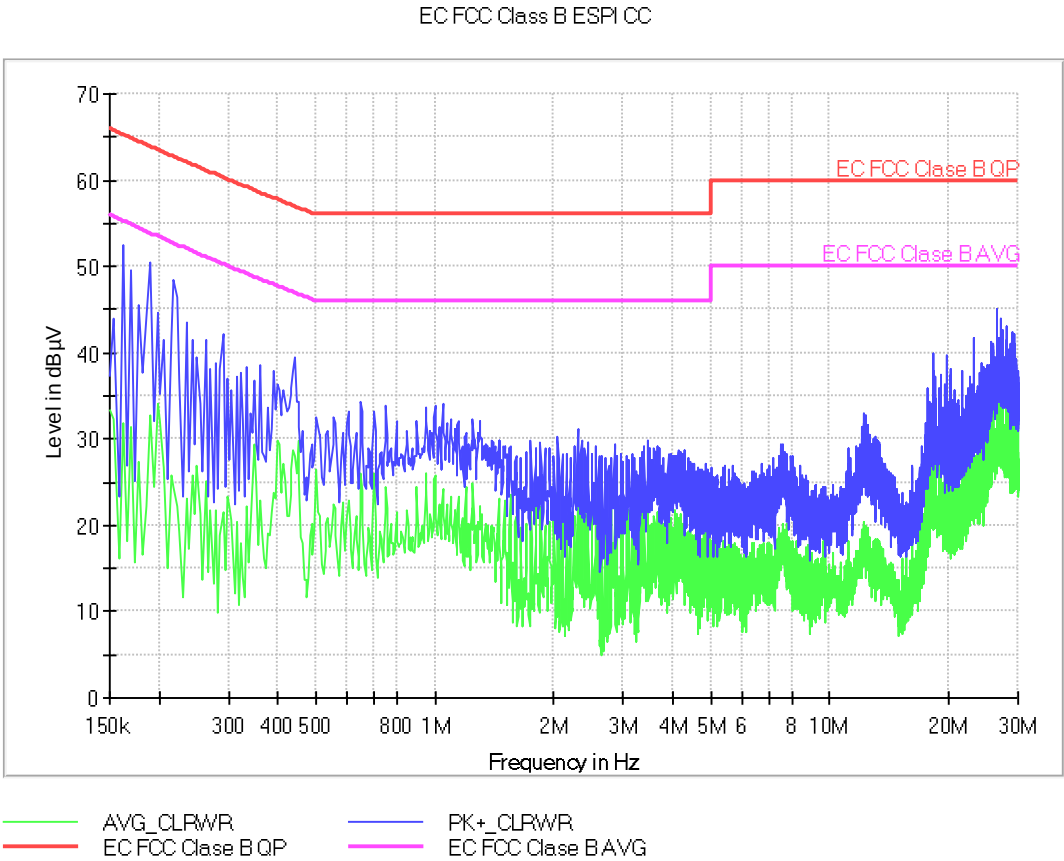
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	55.5	39.5	L1

EMC Test Code = CE0217N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/17. EUT ON. MS in traffic mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 60Hz.

Images:



Tables:

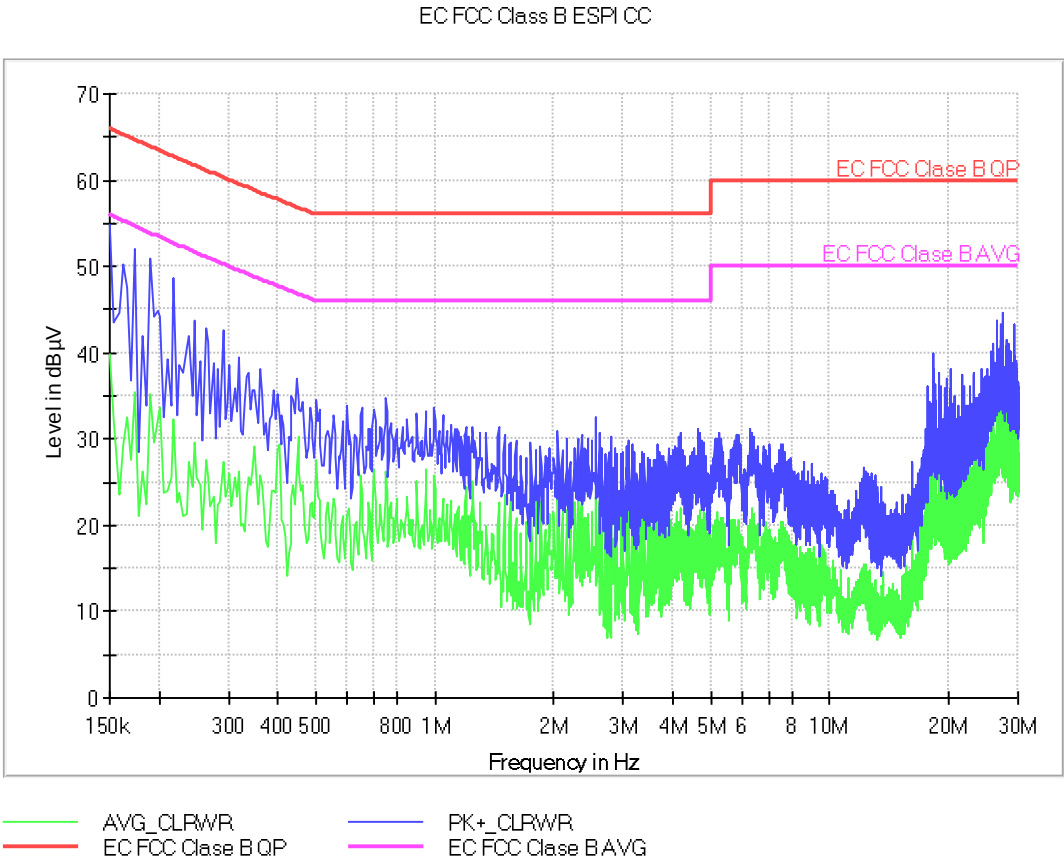
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.162000	52.5	31.9	N

EMC Test Code = CE0217L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/17. EUT ON. MS in traffic mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 60Hz.

Images:



Tables:

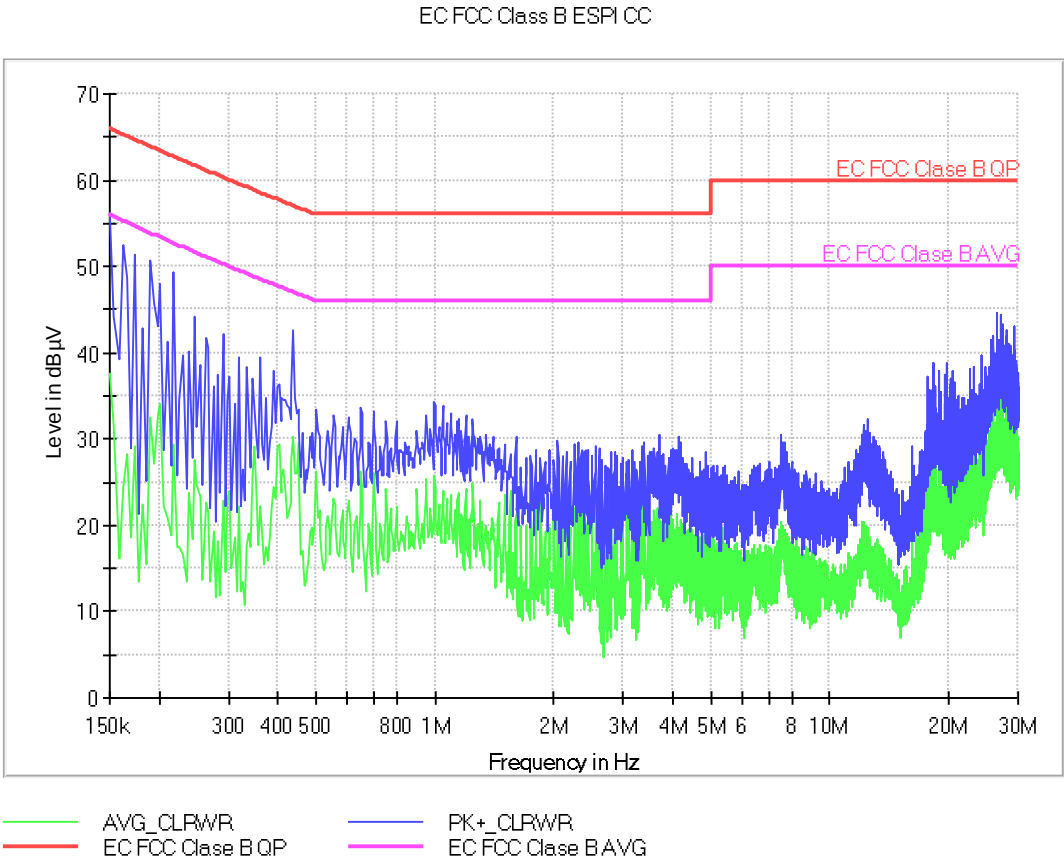
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	55.1	40.0	L1

EMC Test Code = CE0218N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/18. EUT ON. Bluetooth in communication mode. Power supply: 115 Vac, 60 Hz

Images:



Tables:

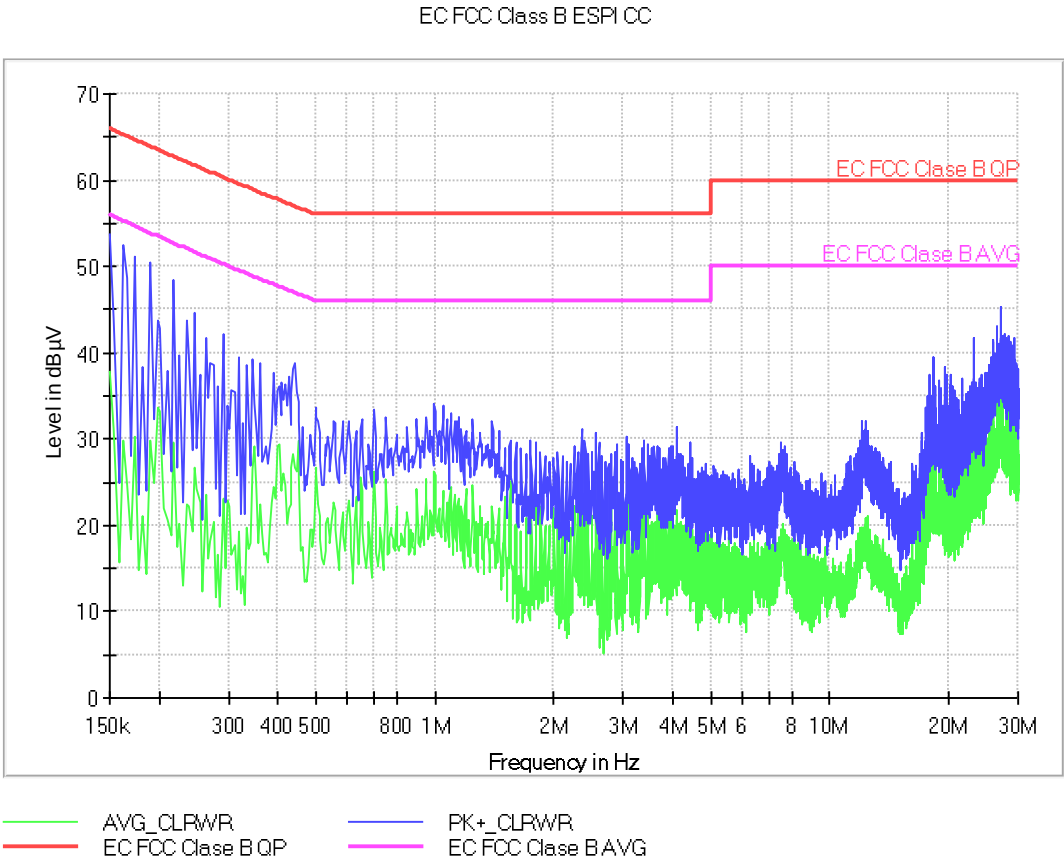
Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	56.4	37.7	N

EMC Test Code = CE0218L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/18. EUT ON. Bluetooth in communication mode. Power supply: 115 Vac, 60 Hz

Images:



Tables:

Frequency(MHz)	PK+_CLRWPR(dBµV)	AVG_CLRWPR(dBµV)	Line
0.150000	53.8	37.9	L1

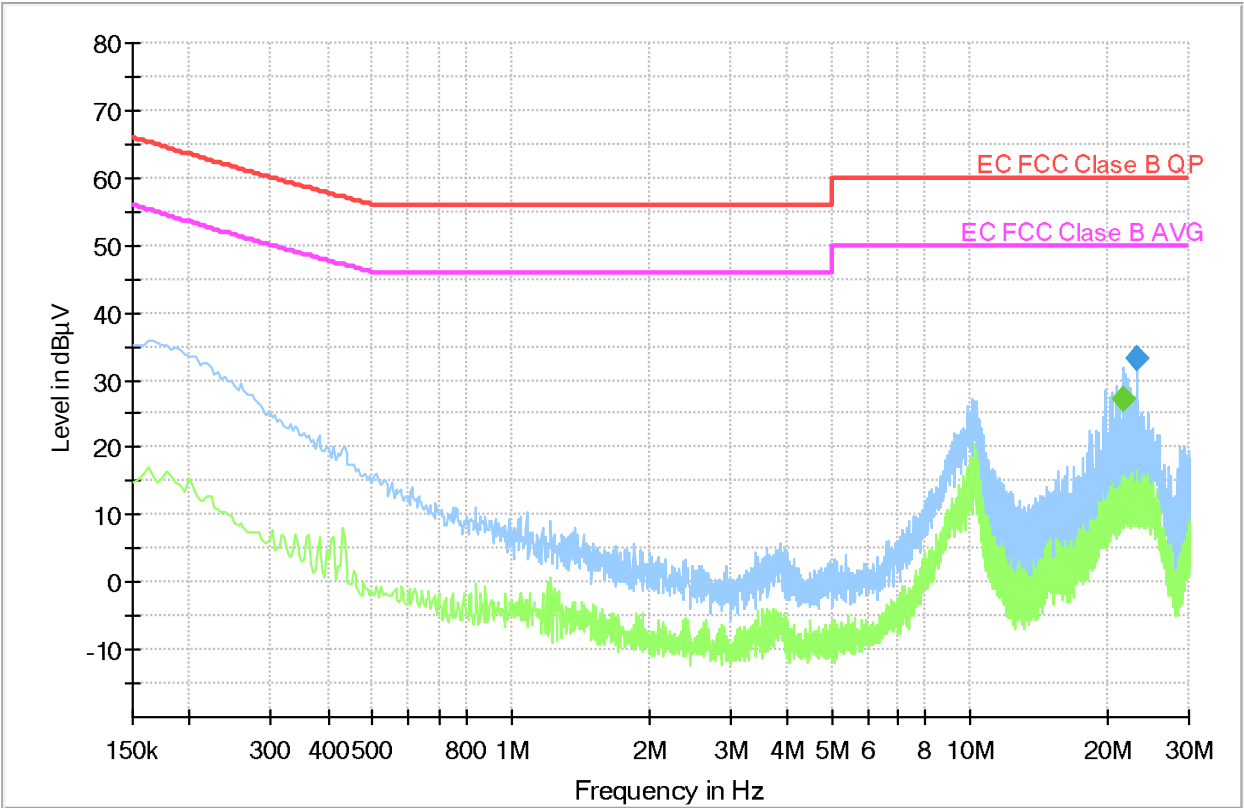
EMC Test Code = CE0219N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/19. EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular searching network. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG

Critical_Freqs PK+

Final_Result PK+
- Preview Result 1-PK+

EC FCC Clase B QP

Final_Result AVG
- Critical_Freqs AVG

EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.13
23.130000	33.07	---

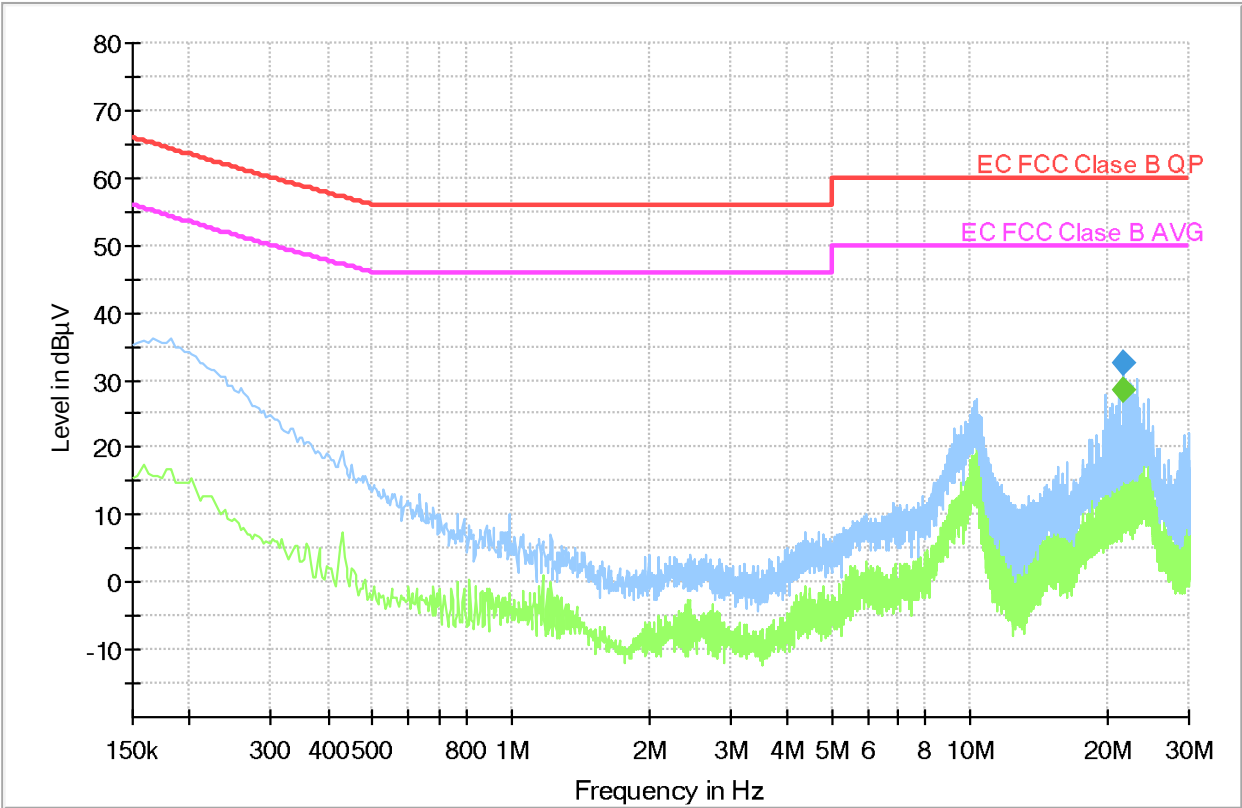
EMC Test Code = CE0219L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/19. EUT ON. Bluetooth in advertising mode. Respirator activated. Cellular searching network. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG
- Critical_Freqs PK+
- Final_Result PK+
- Preview Result 1-PK+
- EC FCC Clase B QP
- Final_Result AVG
- Critical_Freqs AVG
- EC FCC Clase B AVG

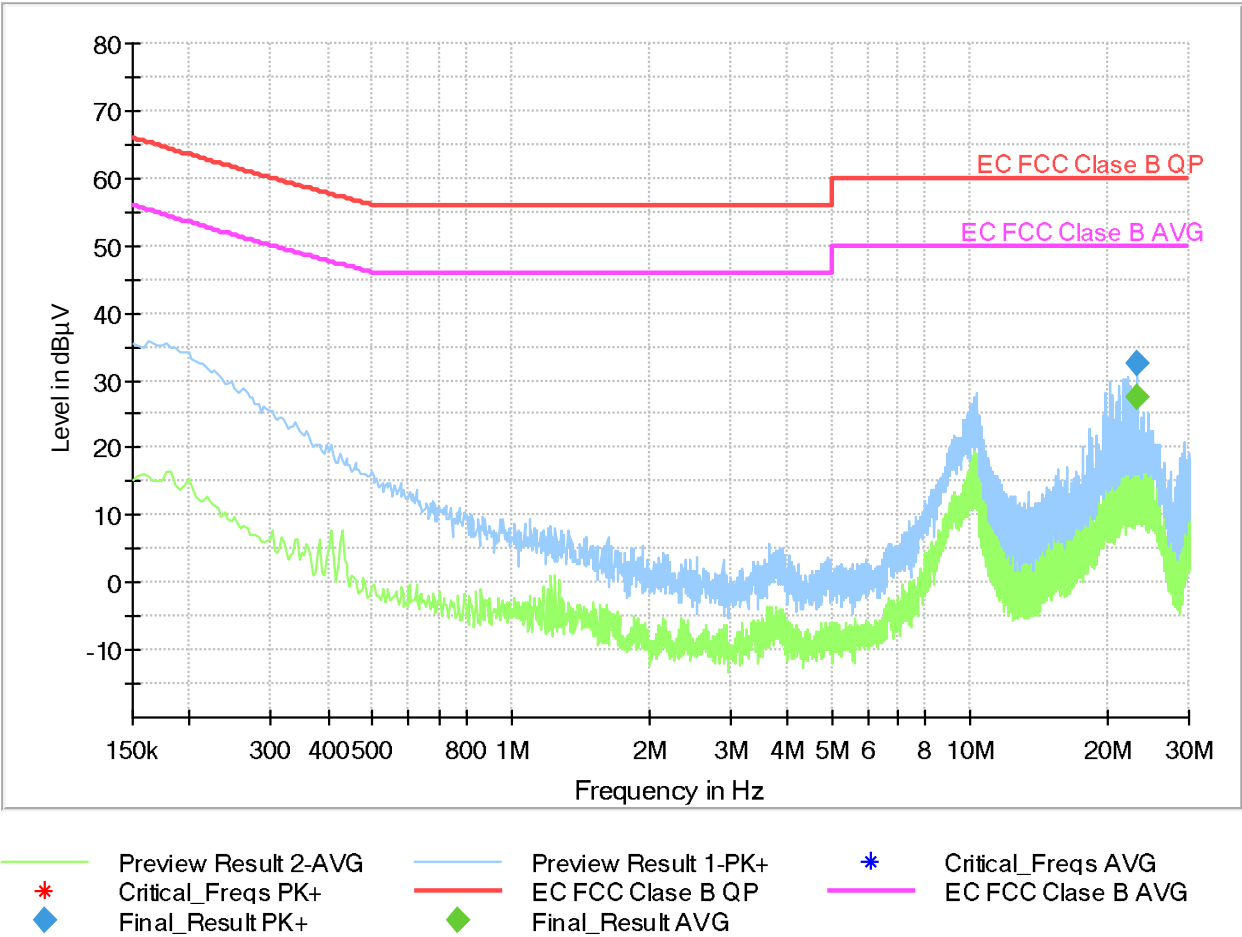
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	28.42
21.662000	32.37	---

EMC Test Code = CE0220N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02
Operation Mode: OM/20. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
23.130000	---	27.35
23.130000	32.64	---

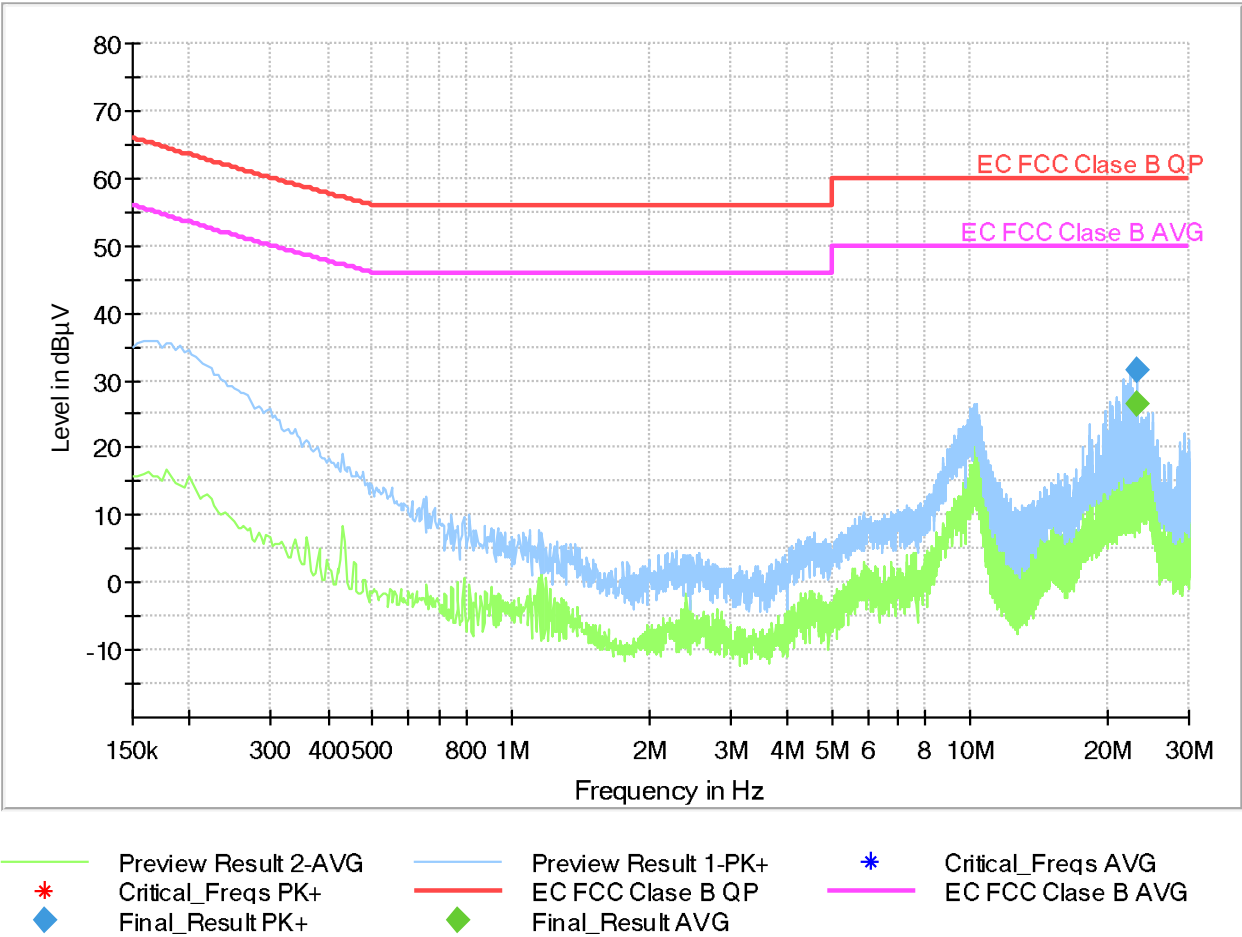
EMC Test Code = CE0220L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/20 EUT ON. MS in IDLE mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
23.130000	---	26.59
23.130000	31.40	---

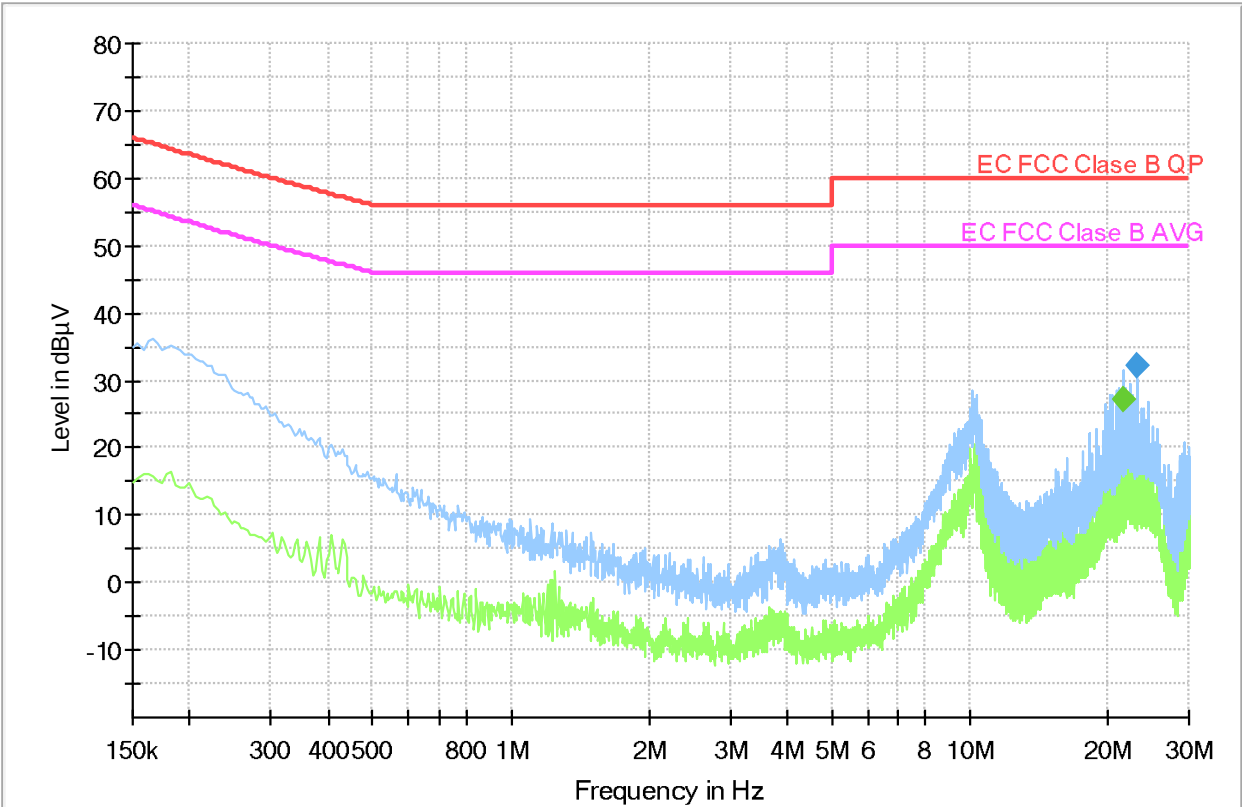
EMC Test Code = CE0221N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/21. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.12
23.130000	32.26	---

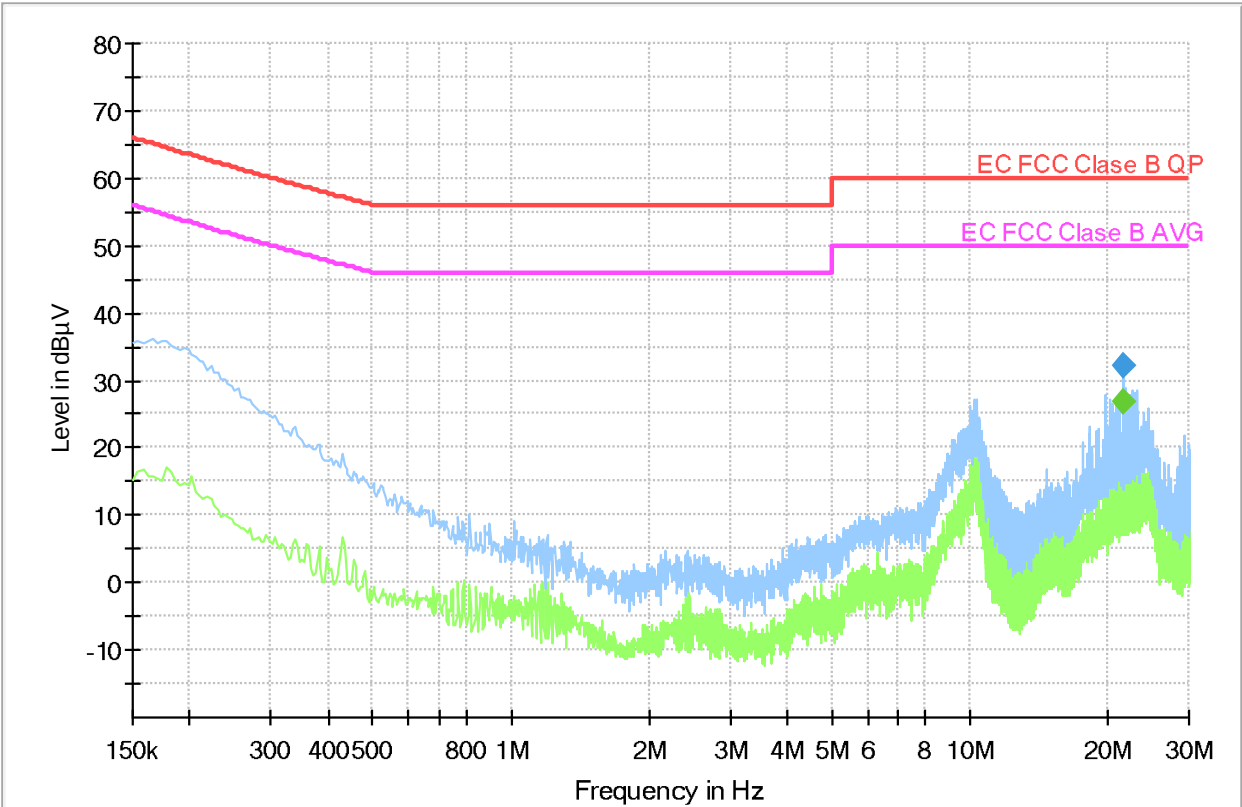
EMC Test Code = CE0221L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/21. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG
- *

Critical_Freqs PK+
- *

Critical_Freqs AVG
- *

EC FCC Clase B QP
- *

EC FCC Clase B AVG

◆

Final_Result PK+

◆

Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	26.67
21.662000	32.25	---

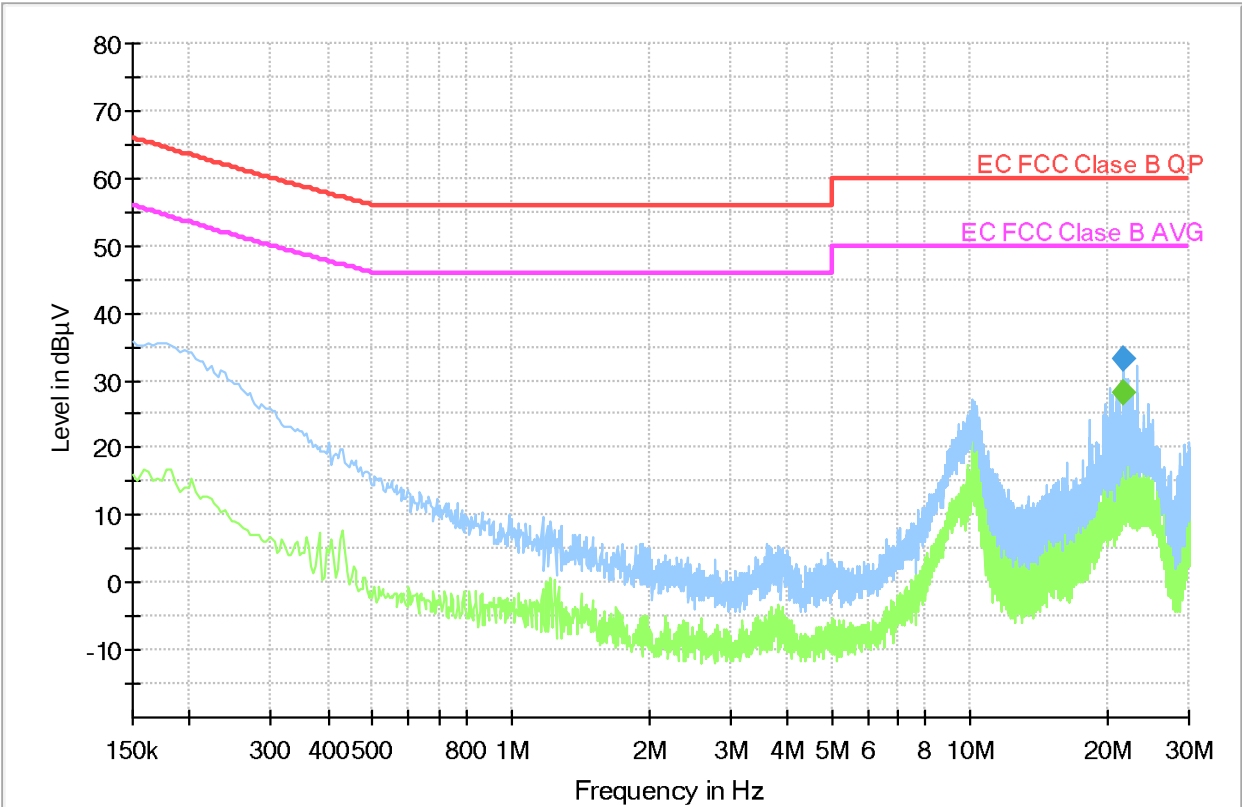
EMC Test Code = CE0222N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/22. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	28.31
21.662000	33.03	---

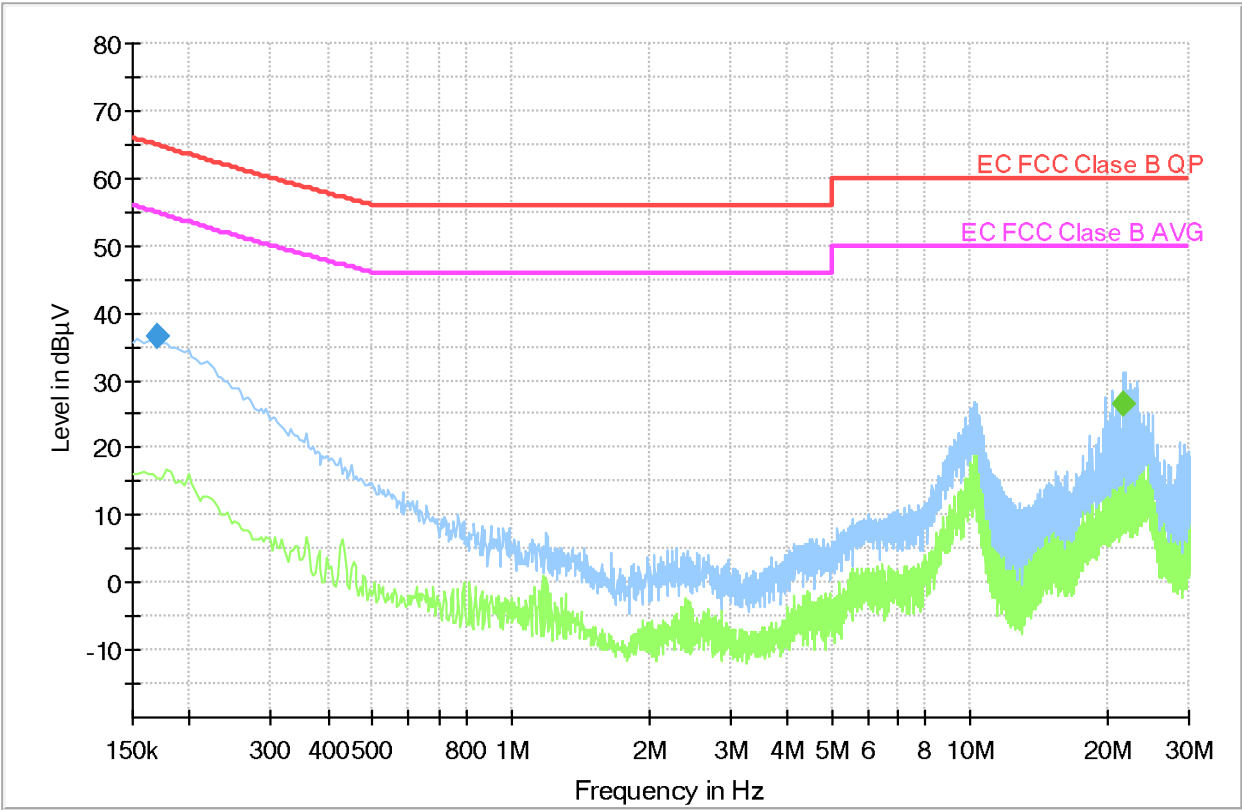
EMC Test Code = CE0222L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/22. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
0.170000	36.40	---
21.666000	---	26.60

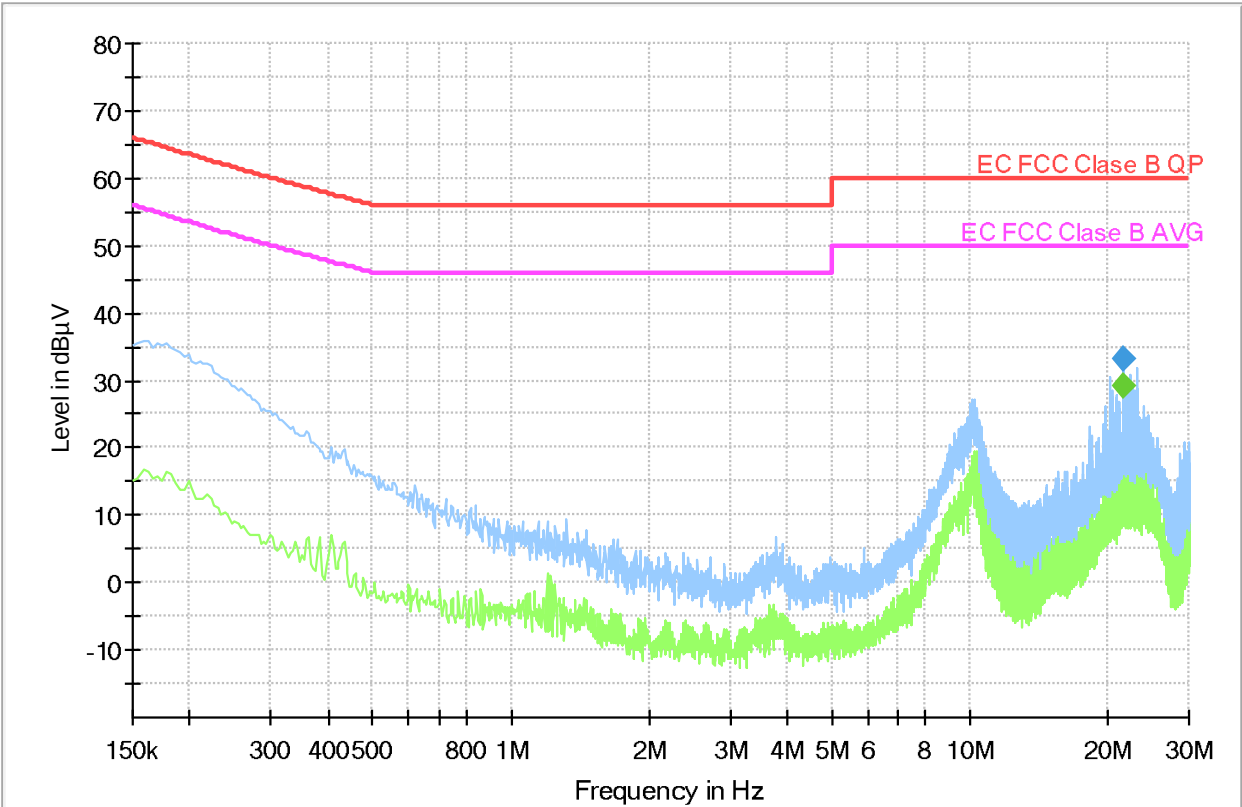
EMC Test Code = CE0223N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/23. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG

Critical_Freqs PK+

Final_Result PK+
- Preview Result 1-PK+

EC FCC Clase B QP

Final_Result AVG
- Critical_Freqs AVG

EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	29.09
21.662000	33.23	---

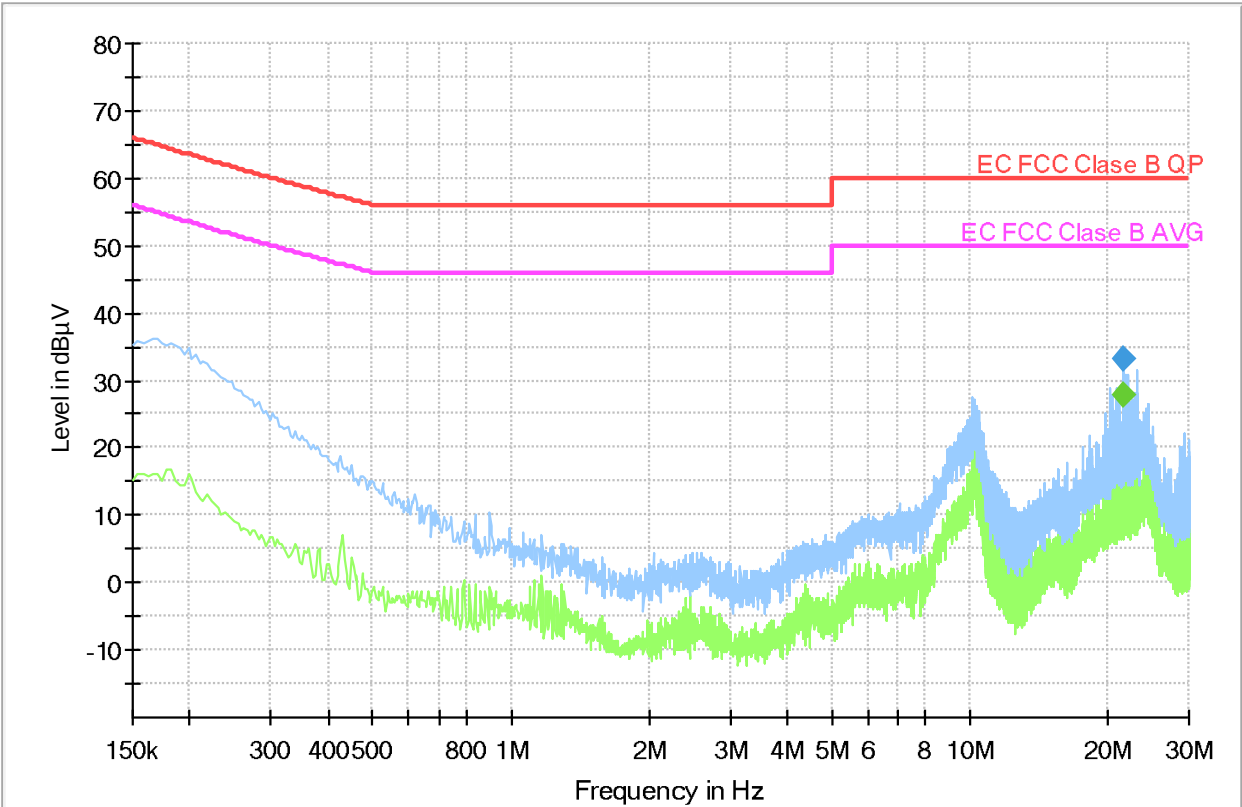
EMC Test Code = CE0223L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/23. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.99
21.662000	33.20	---

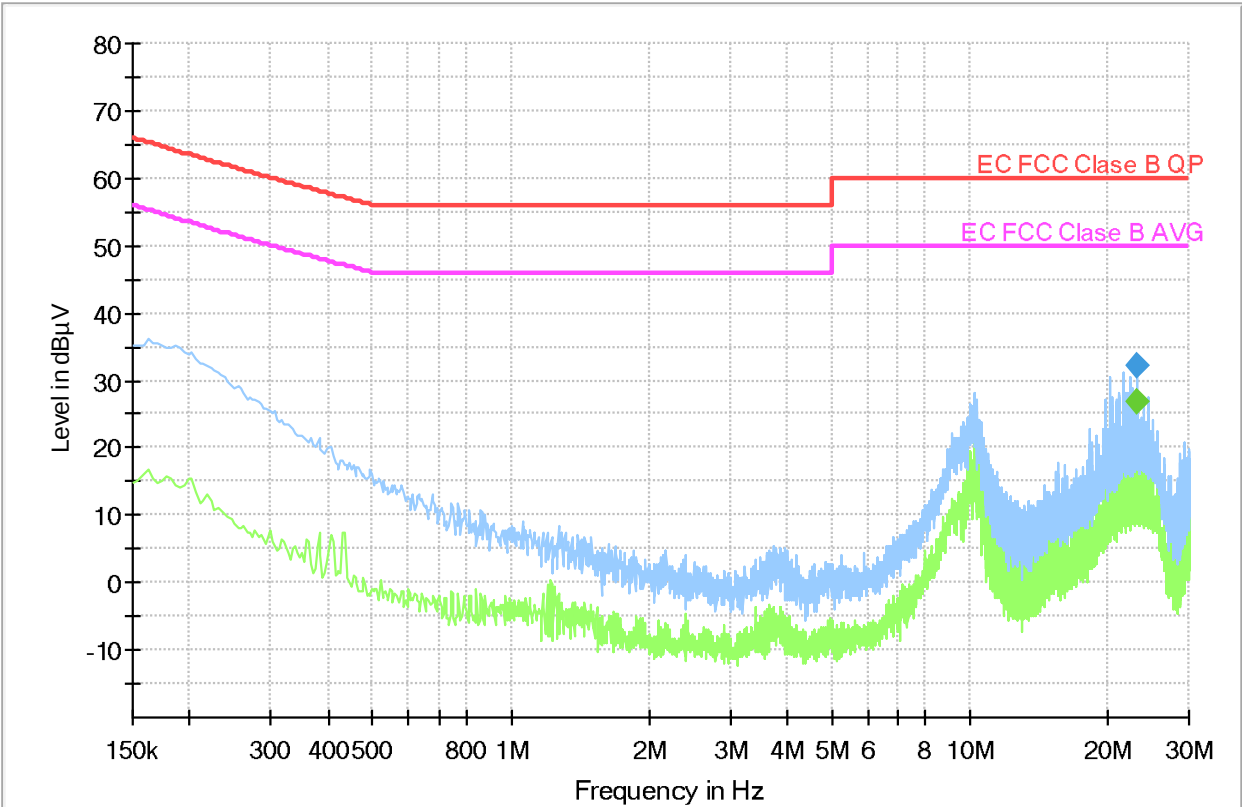
EMC Test Code = CE0224N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/24. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG
Critical_Freqs PK+
Final_Result PK+

Preview Result 1-PK+
EC FCC Clase B QP
Final_Result AVG

Critical_Freqs AVG
EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
23.130000	---	26.87
23.130000	32.15	---

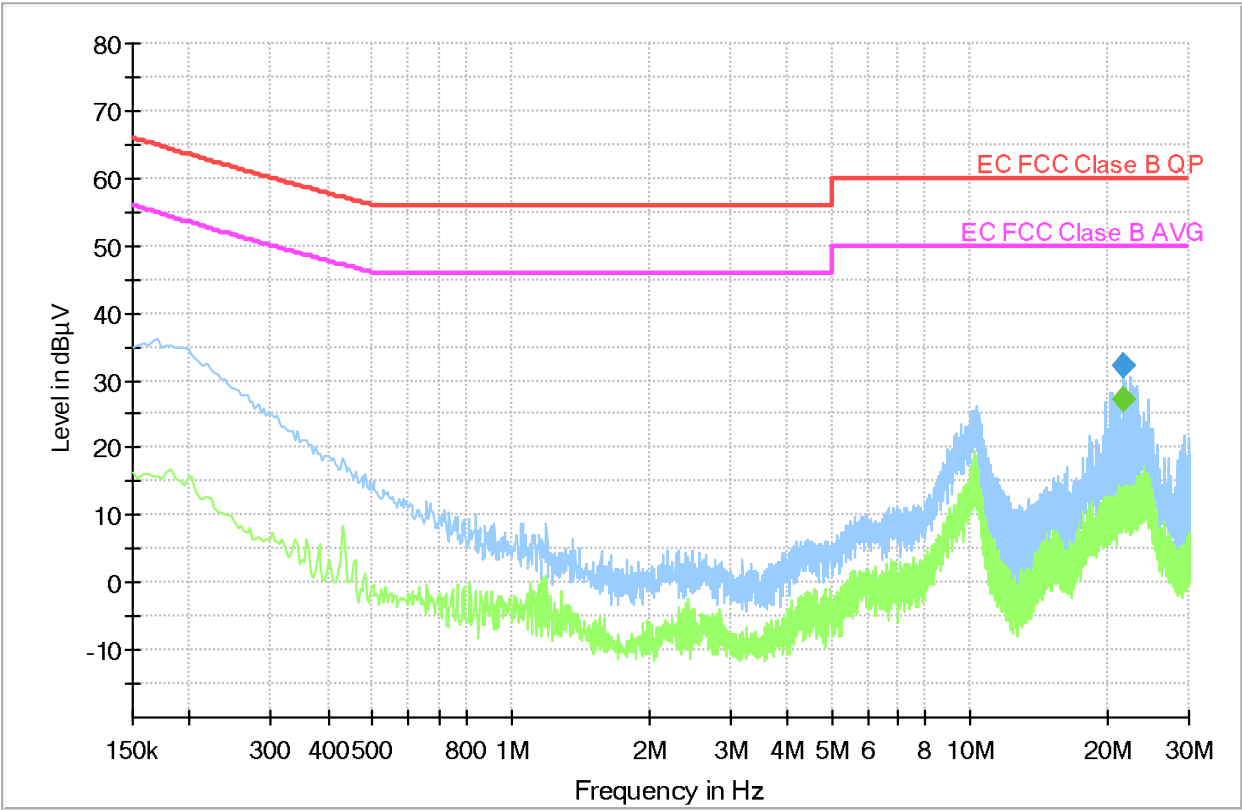
EMC Test Code = CE0224L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/24. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.22
21.662000	32.06	---

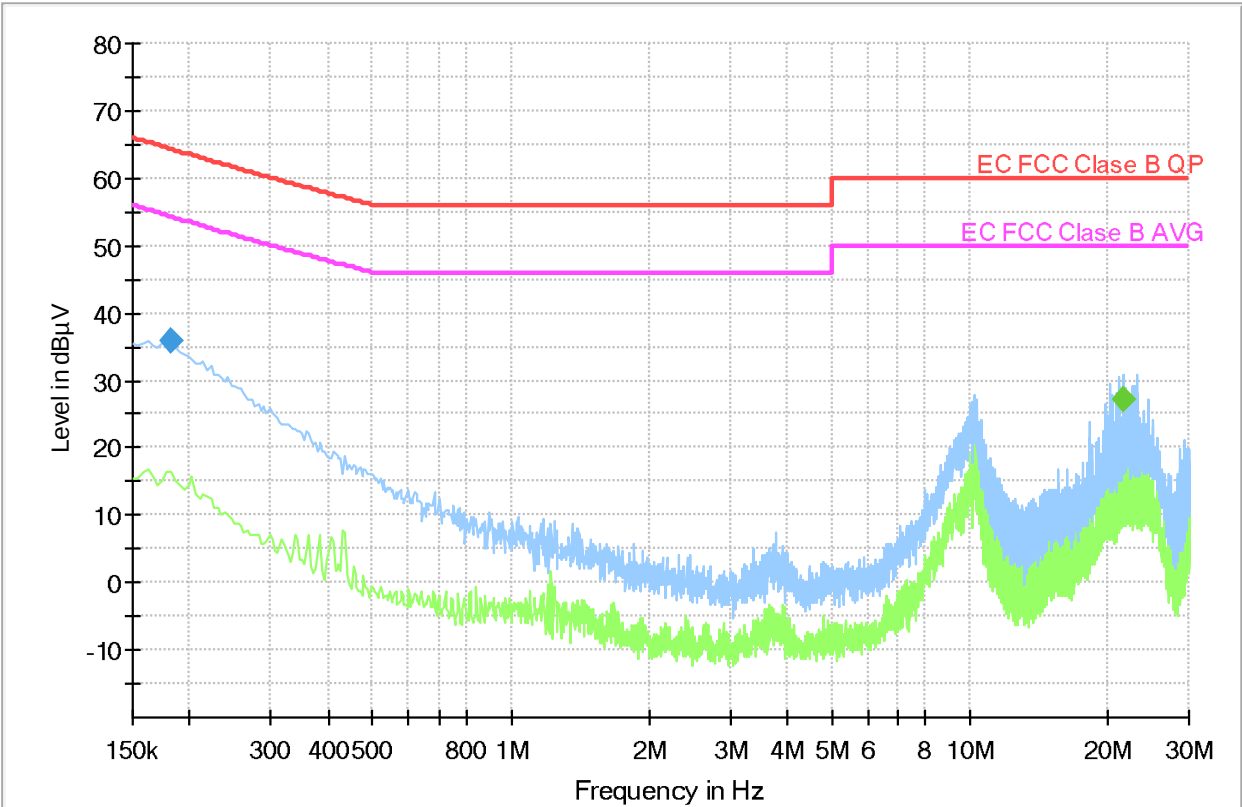
EMC Test Code = CE0225N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/25. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
0.182000	35.71	---
21.662000	---	27.01

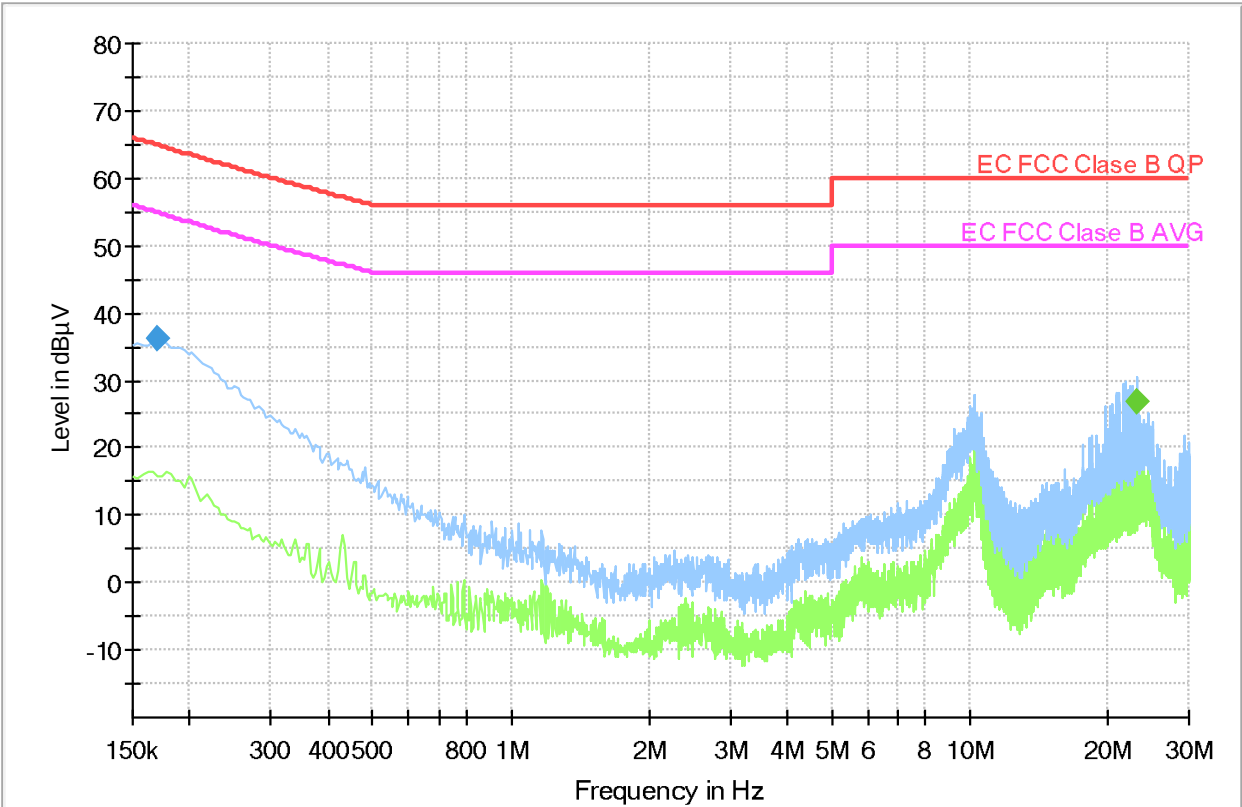
EMC Test Code = CE0225L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/25. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
0.170000	36.24	---
23.130000	---	26.66

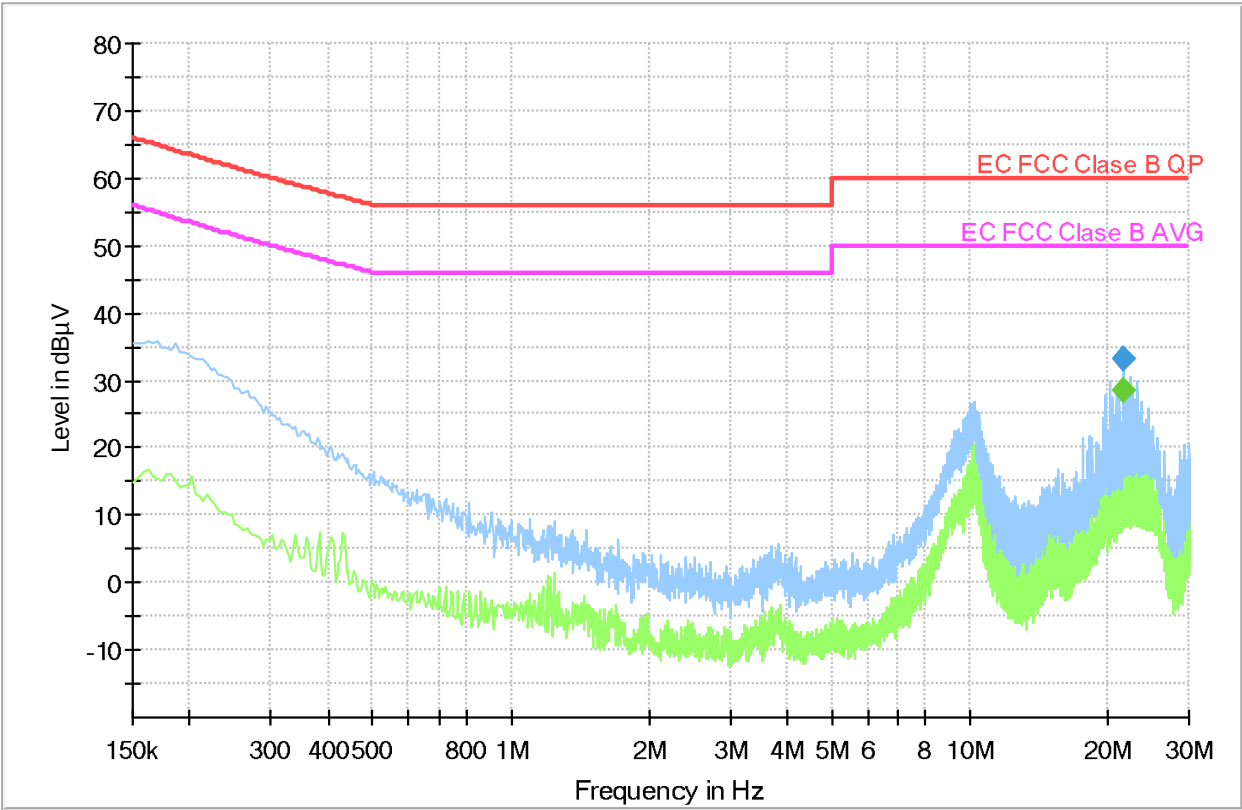
EMC Test Code = CE0226N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/26. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG
- *

Critical_Freqs PK+
- *

Critical_Freqs AVG
- Preview Result 1-PK+
- EC FCC Clase B QP
- *

EC FCC Clase B AVG
- Final_Result PK+
- Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	28.55
21.662000	33.29	---

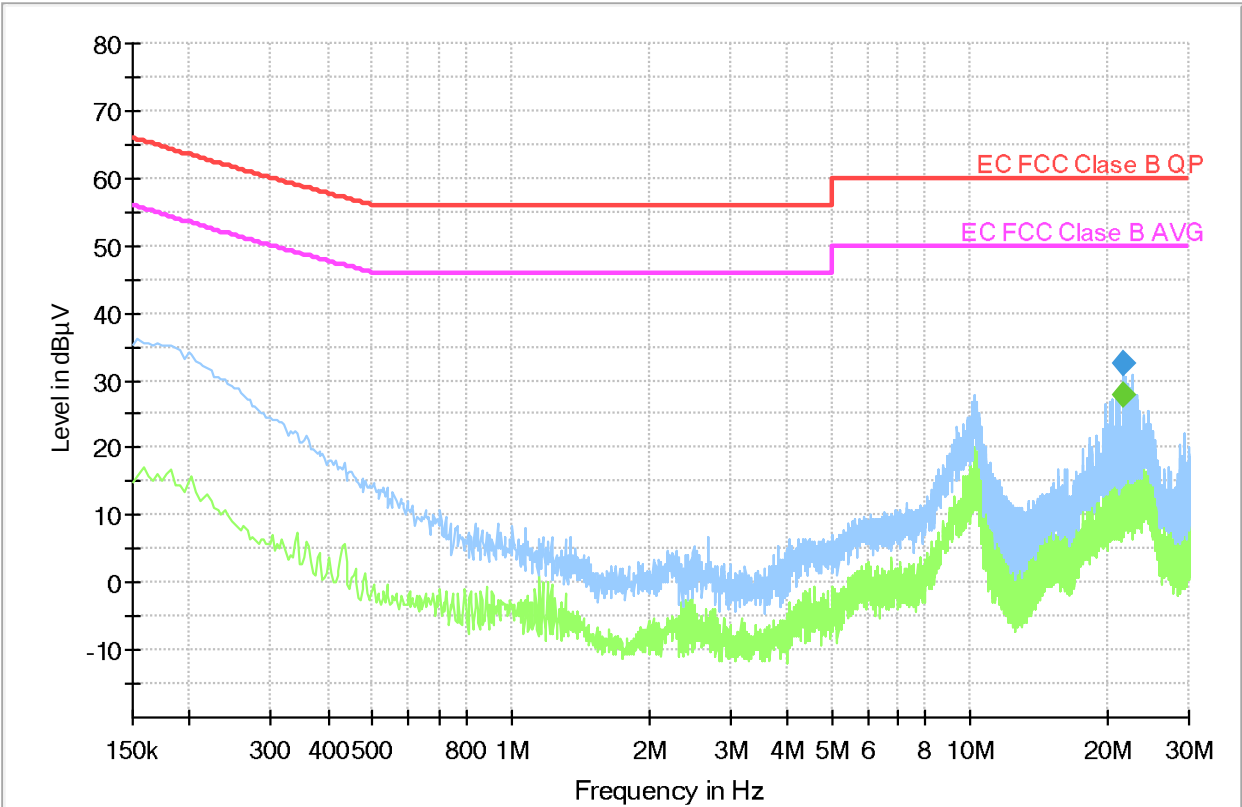
EMC Test Code = CE0226L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/26. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.69
21.662000	32.49	---

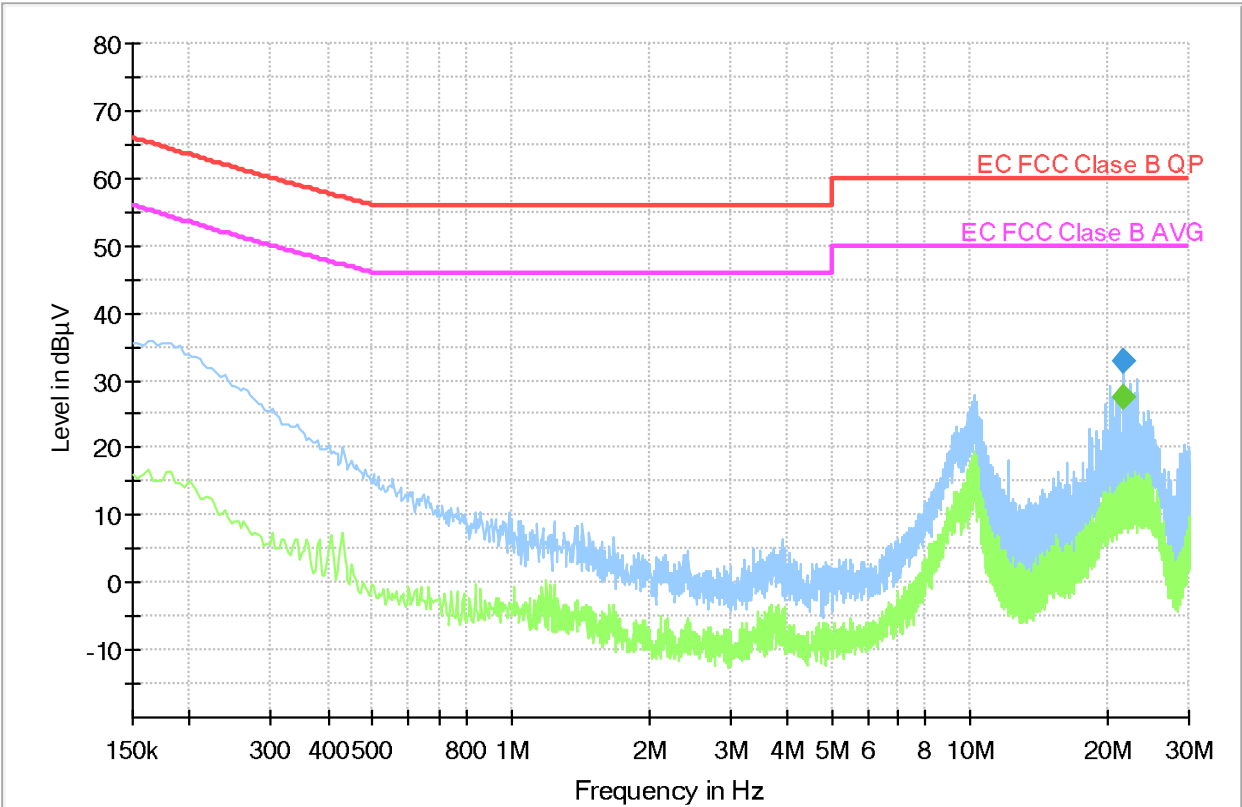
EMC Test Code = CE0227N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/27. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.59
21.662000	32.72	---

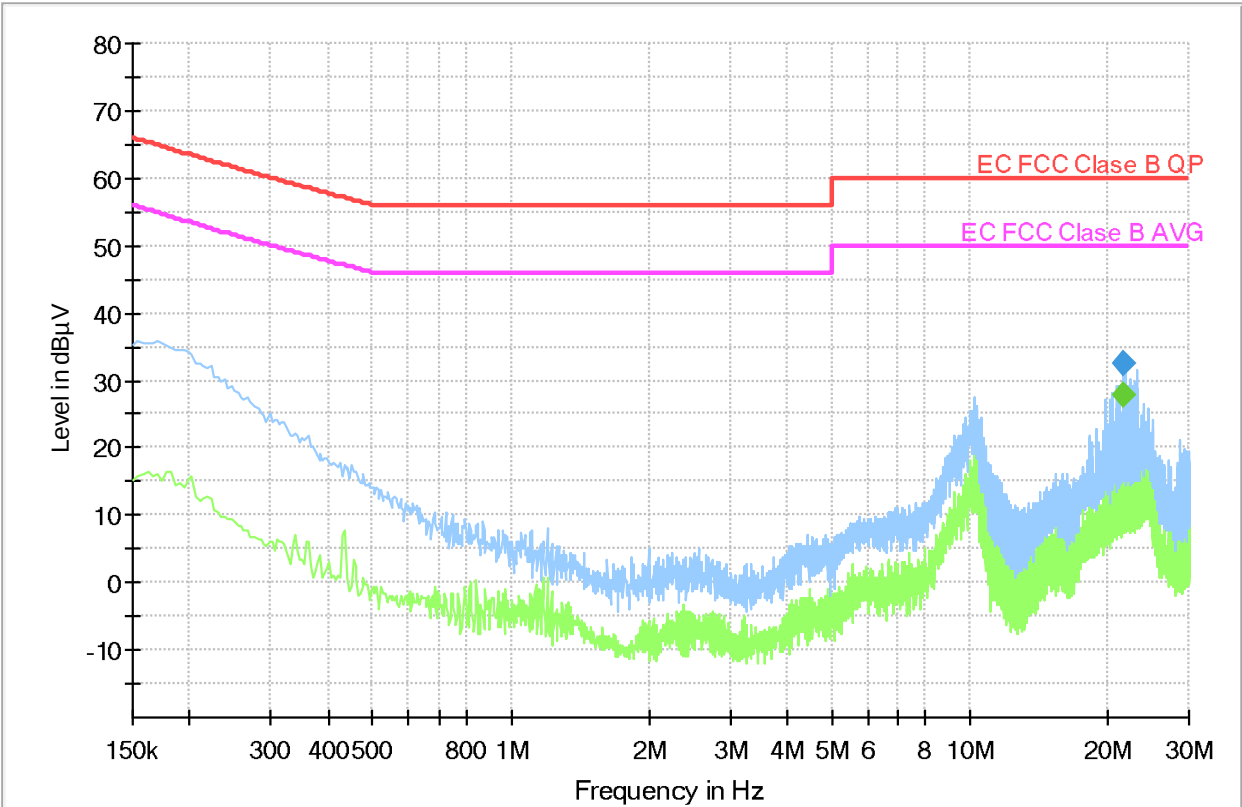
EMC Test Code = CE0227L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/27. EUT ON. MS in IDLE mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG

Critical_Freqs PK+

Final_Result PK+
- Preview Result 1-PK+

EC FCC Clase B QP

Final_Result AVG
- Critical_Freqs AVG

EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.92
21.662000	32.36	---

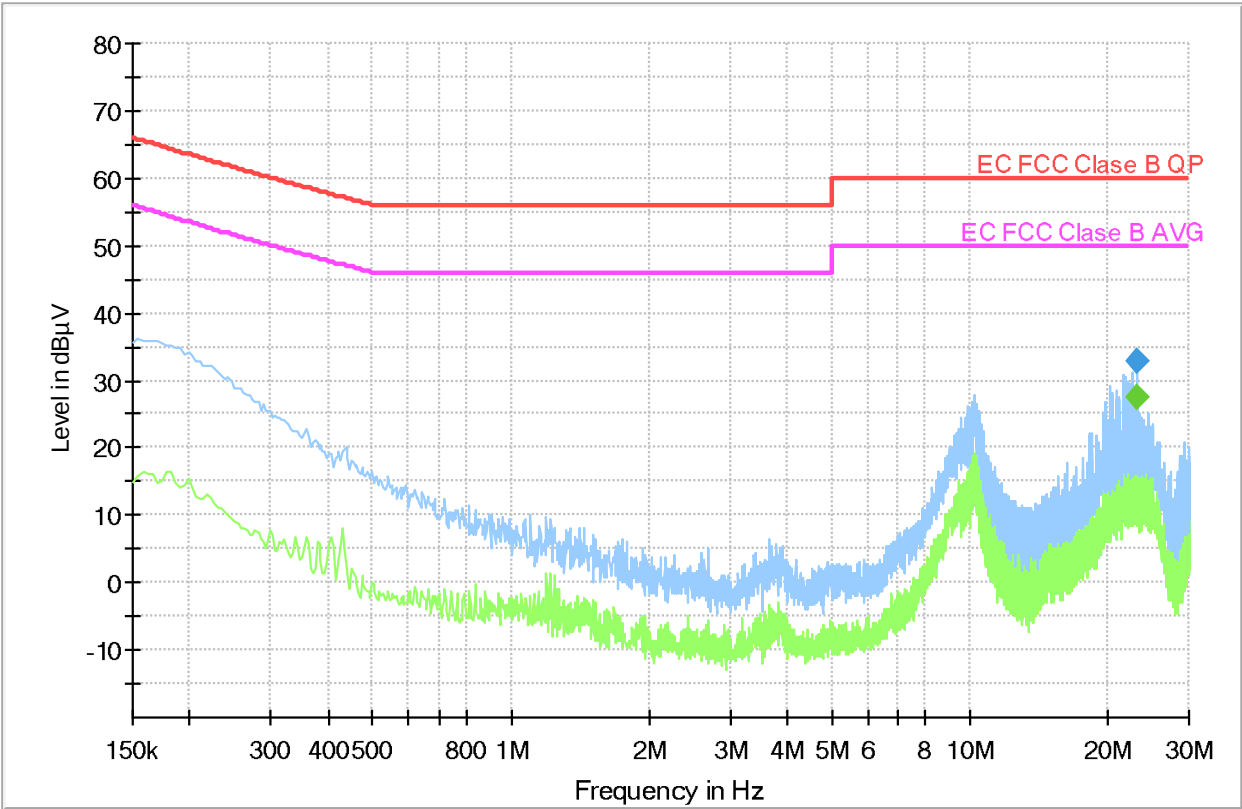
EMC Test Code = CE0228N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/28. EUT ON. MS in traffic mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
23.130000	---	27.45
23.130000	32.91	---

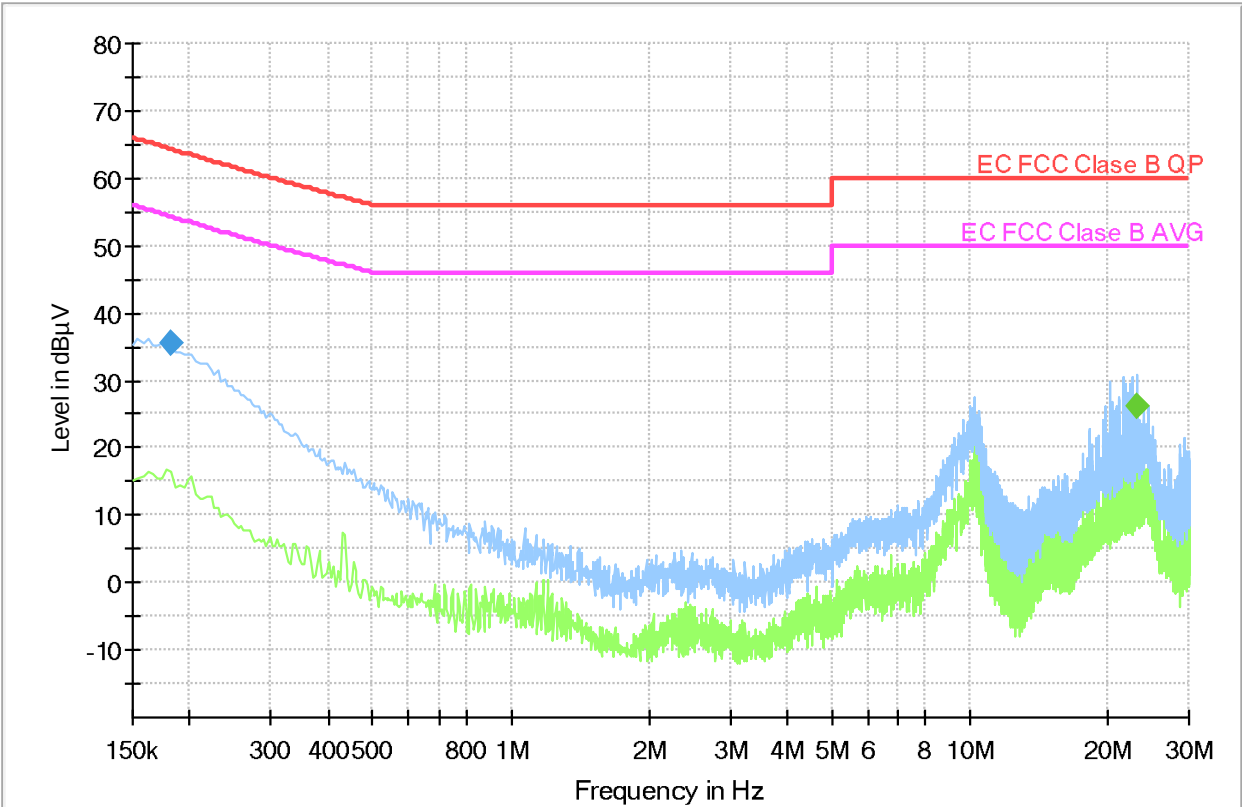
EMC Test Code = CE0228L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/28. EUT ON. MS in traffic mode. LTE Cat. M1 Band 2. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- Critical_Freqs PK+
- EC FCC Clase B QP
- Final_Result PK+
- Final_Result AVG
- Critical_Freqs AVG
- EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
0.182000	35.36	---
23.130000	---	26.08

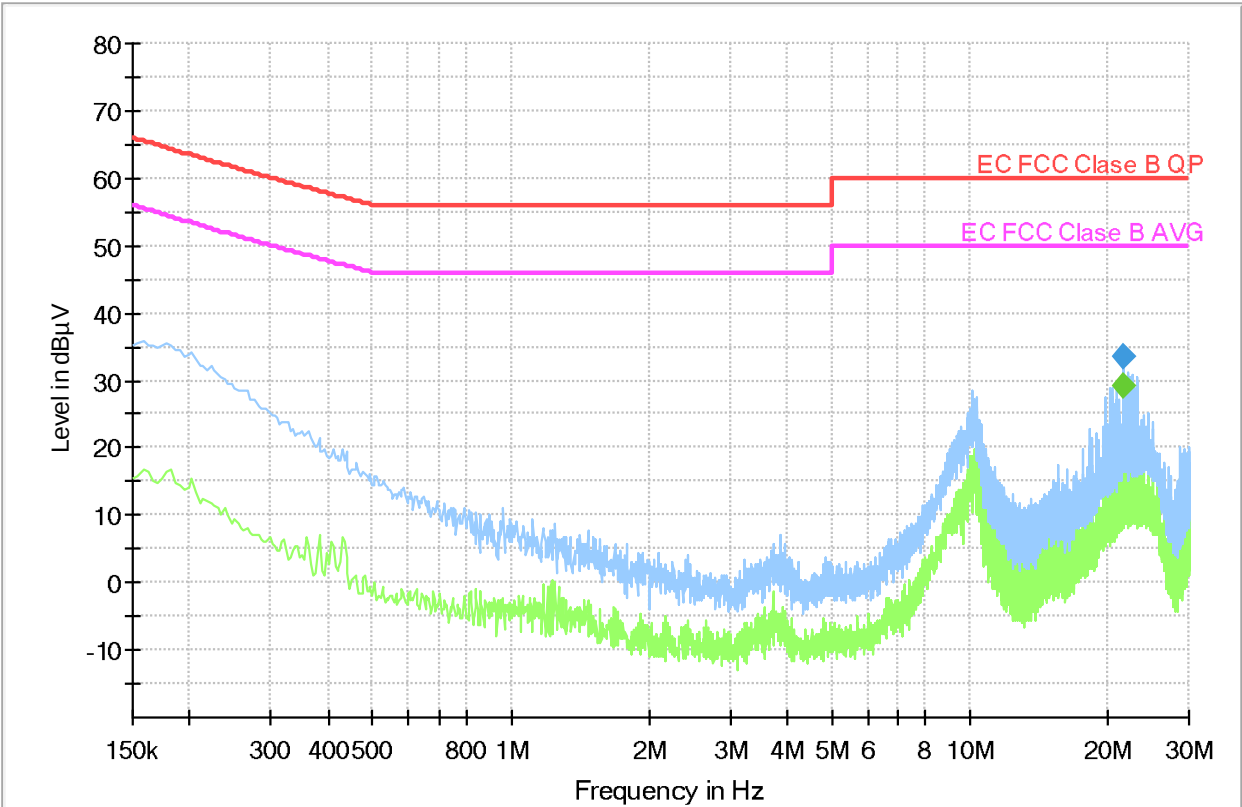
EMC Test Code = CE0229N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/29. EUT ON. MS in traffic mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG

Critical_Freqs PK+

Final_Result PK+
- Preview Result 1-PK+

EC FCC Clase B QP

Final_Result AVG
- Critical_Freqs AVG

EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	29.09
21.662000	33.43	---

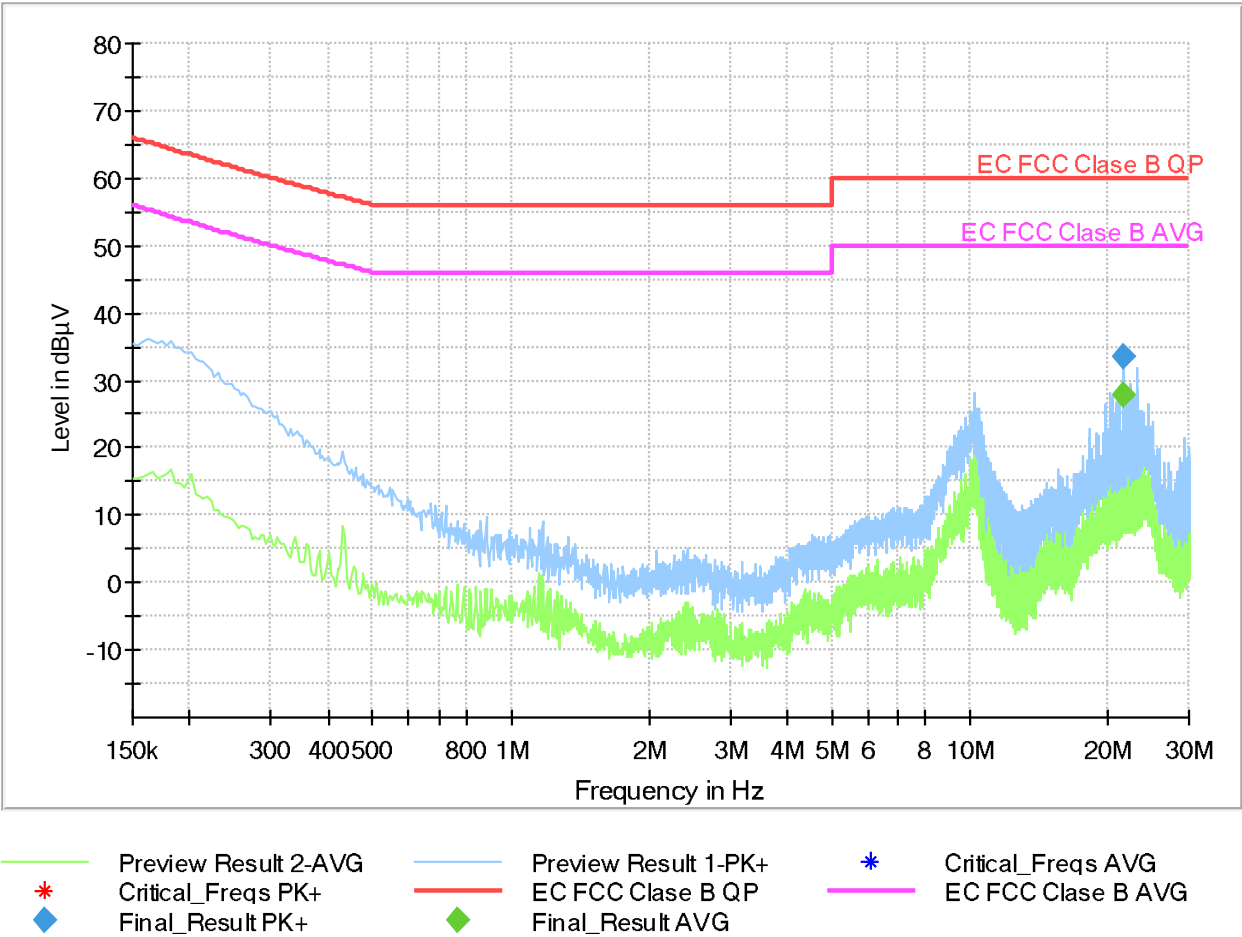
EMC Test Code = CE0229L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/29. EUT ON. MS in traffic mode. LTE Cat. M1 Band 4. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.82
21.662000	33.57	---

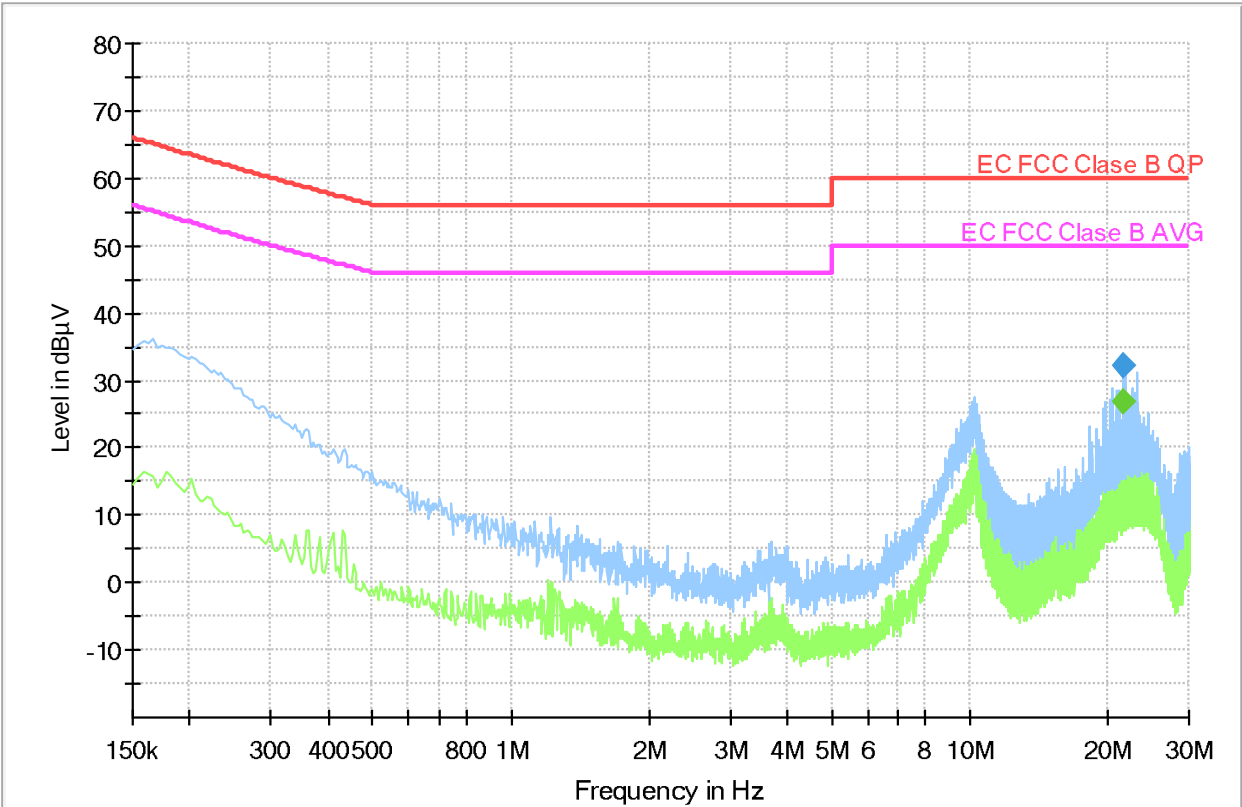
EMC Test Code = CE0230N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/30. EUT ON. MS in traffic mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	26.87
21.662000	32.24	---

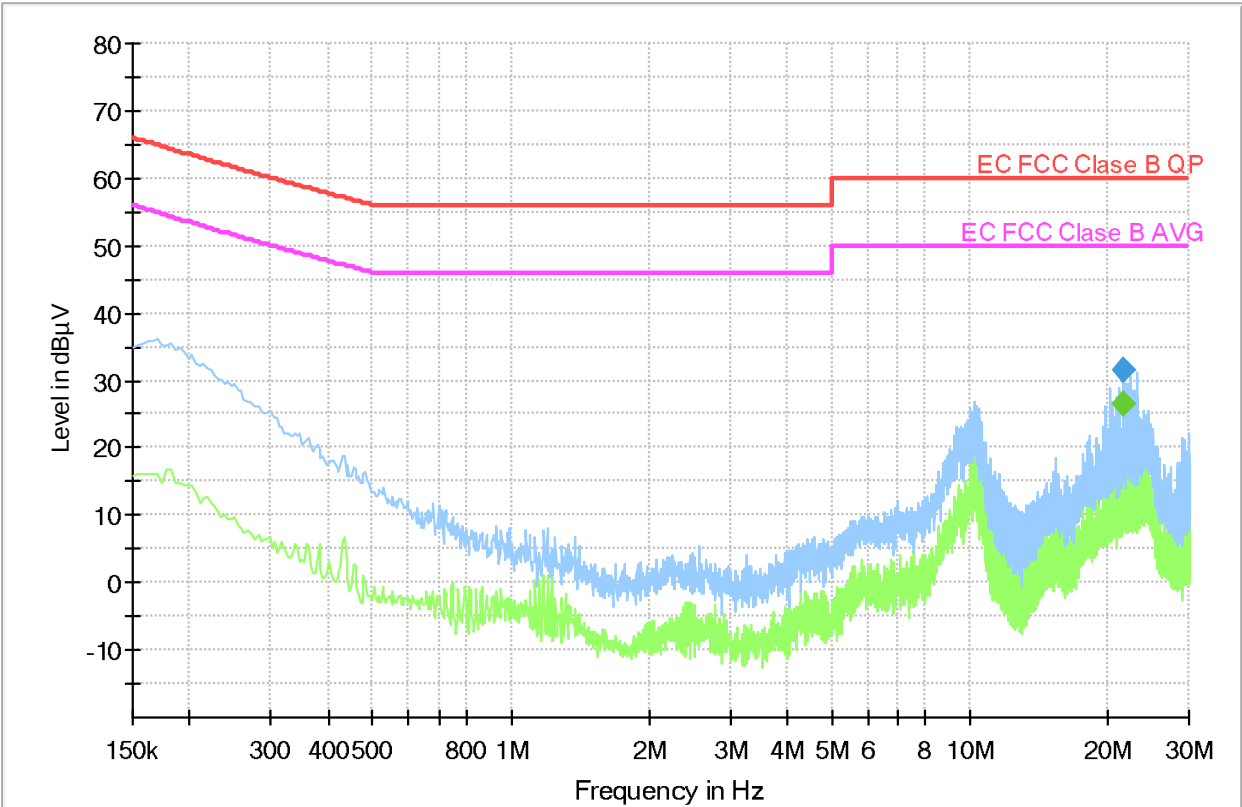
EMC Test Code = CE0230L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/30. EUT ON. MS in traffic mode. LTE Cat. M1 Band 5. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	26.48
21.662000	31.65	---

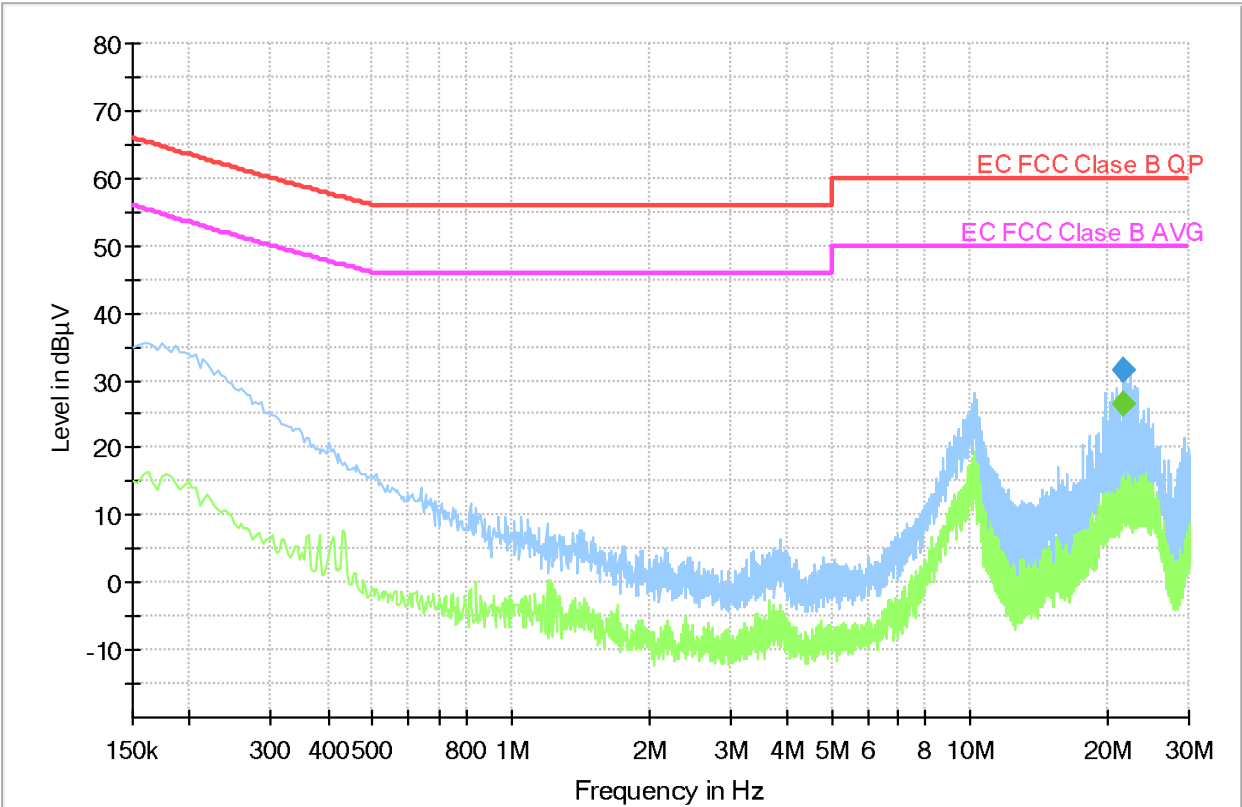
EMC Test Code = CE0231N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/31. EUT ON. MS in traffic mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.666000	---	26.59
21.666000	31.47	---

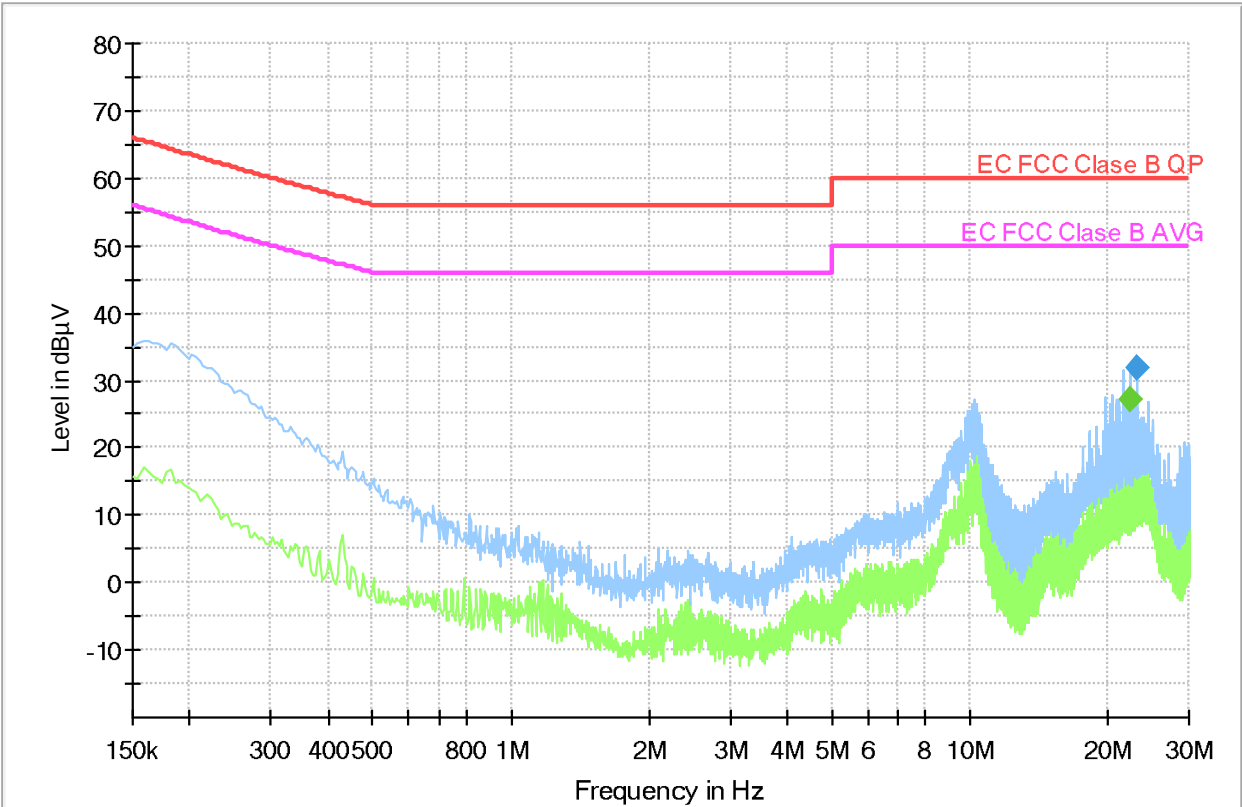
EMC Test Code = CE0231L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/31. EUT ON. MS in traffic mode. LTE Cat. M1 Band 12. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- Critical_Freqs AVG
- EC FCC Clase B QP
- EC FCC Clase B AVG
- Final_Result PK+
- Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
22.458000	---	27.02
23.130000	31.68	---

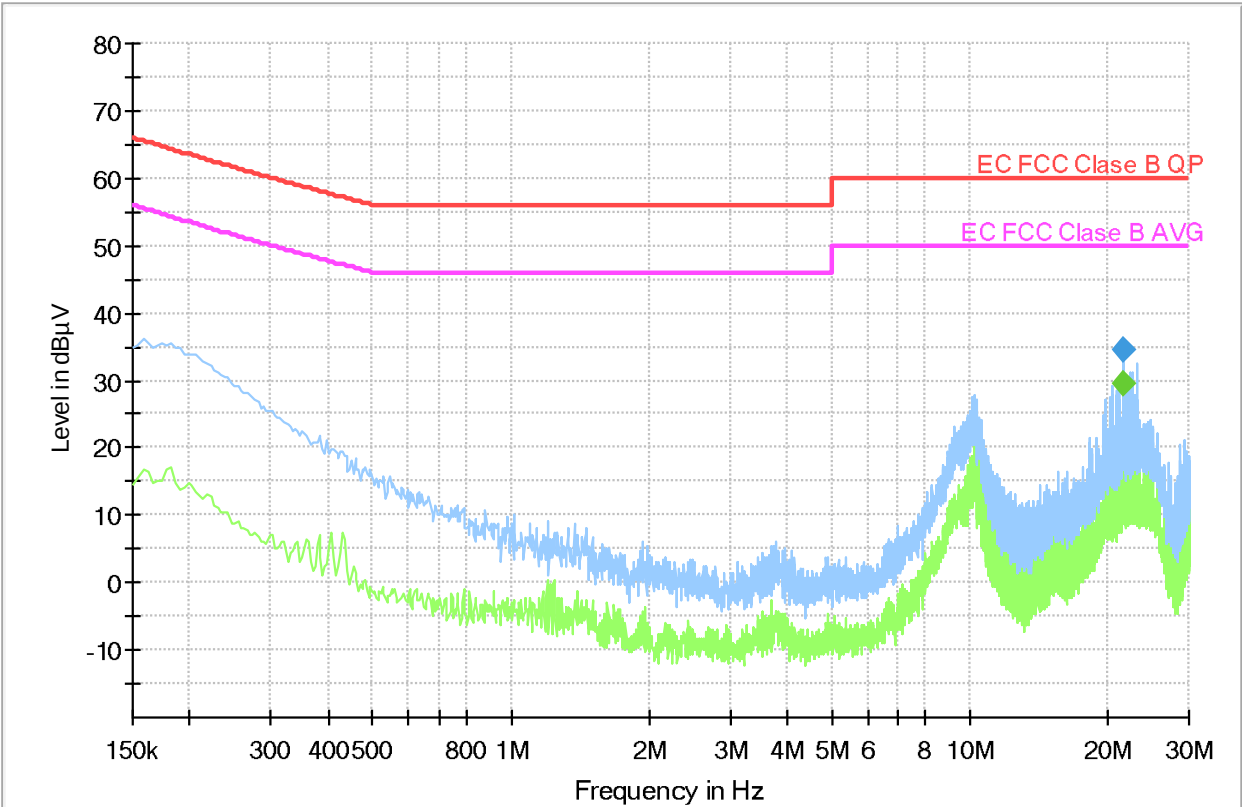
EMC Test Code = CE0232N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/32. EUT ON. MS in traffic mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	29.43
21.662000	34.38	---

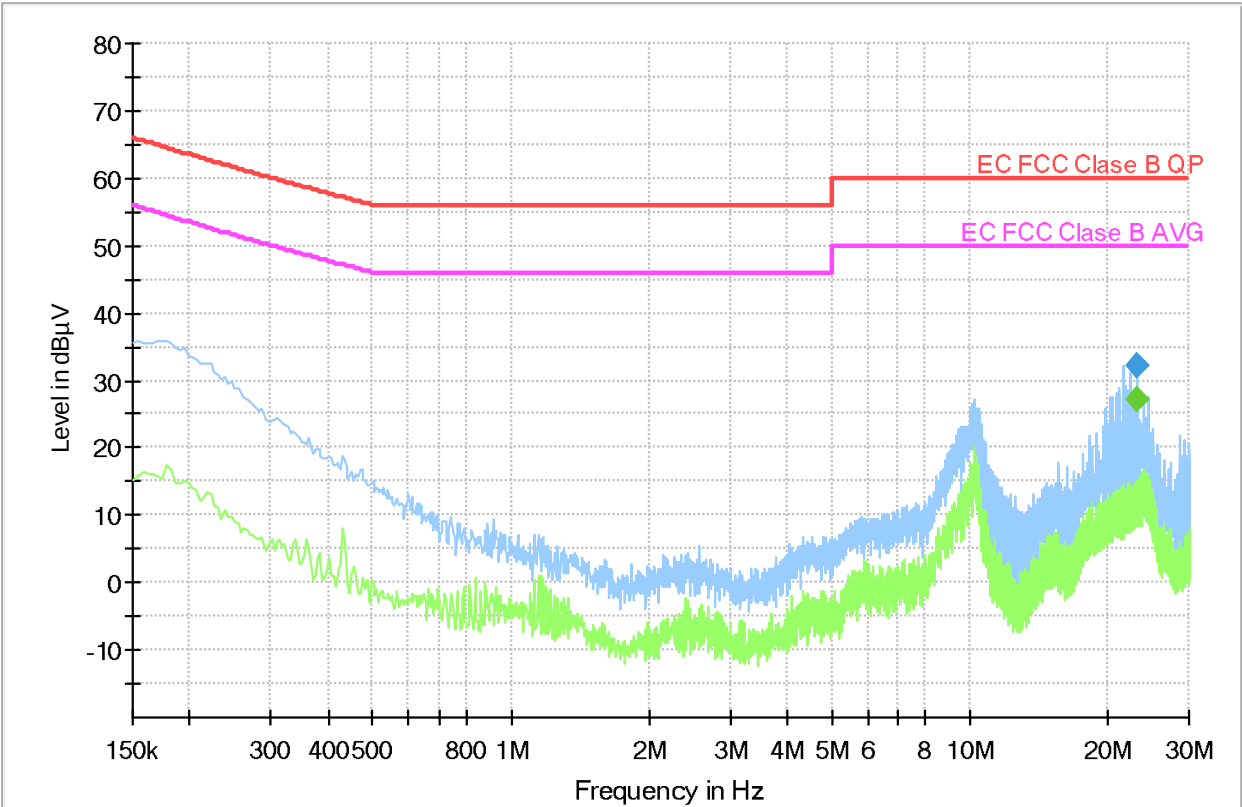
EMC Test Code = CE0232L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/32. EUT ON. MS in traffic mode. LTE Cat. M1 Band 13. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
23.130000	---	27.26
23.130000	32.30	---

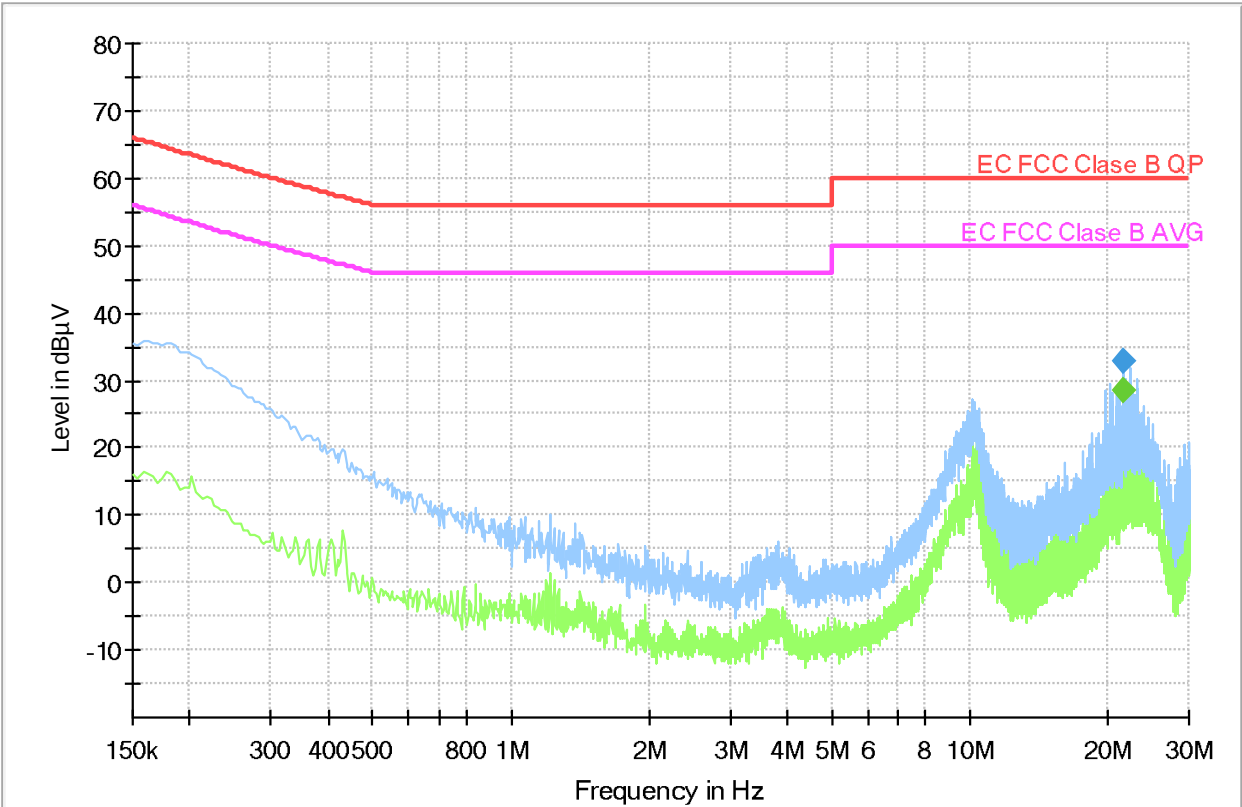
EMC Test Code = CE0233N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/33. EUT ON. MS in traffic mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG
- *

Critical_Freqs PK+
- *

Critical_Freqs AVG
- Preview Result 1-PK+
- EC FCC Clase B QP
- EC FCC Clase B AVG
- Final_Result PK+
- Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	28.42
21.662000	33.00	---

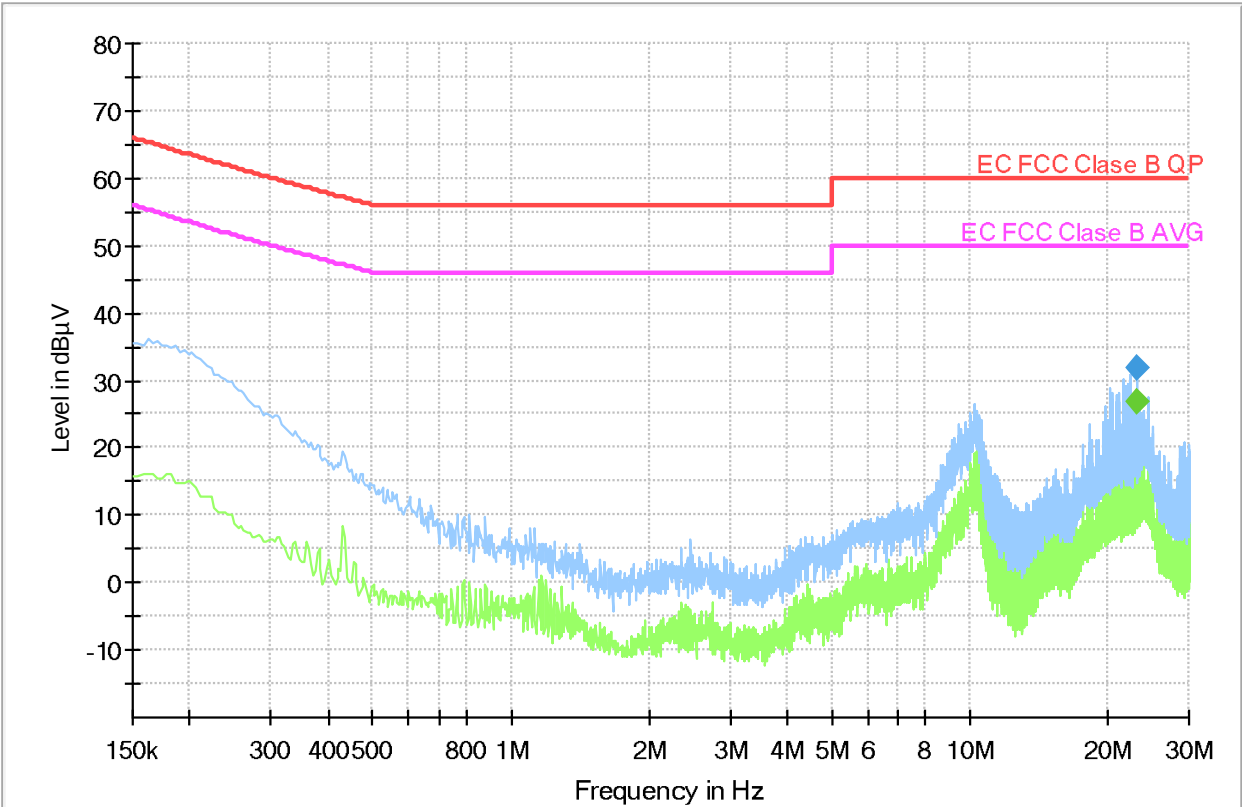
EMC Test Code = CE0233L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/33. EUT ON. MS in traffic mode. LTE Cat. M1 Band 25. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
23.130000	---	26.81
23.130000	31.73	---

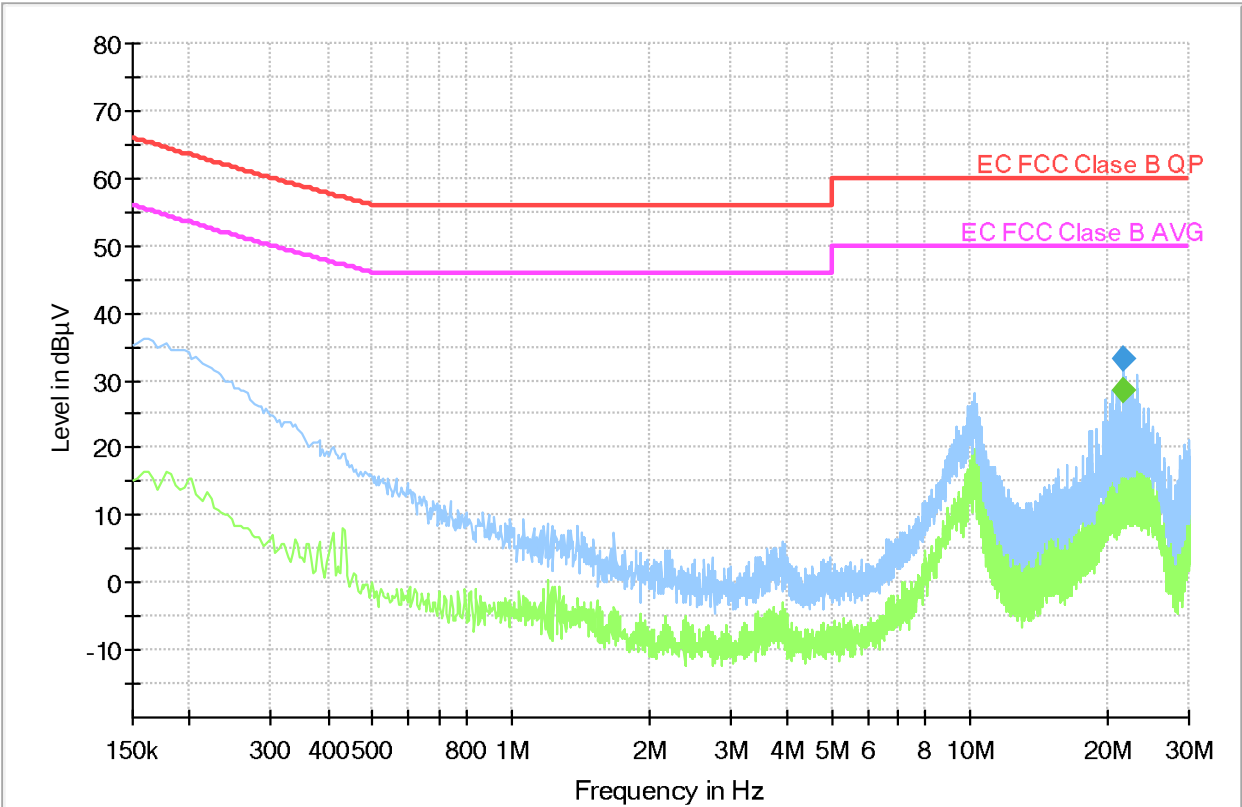
EMC Test Code = CE0234N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/34. EUT ON. MS in traffic mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	28.64
21.662000	33.32	---

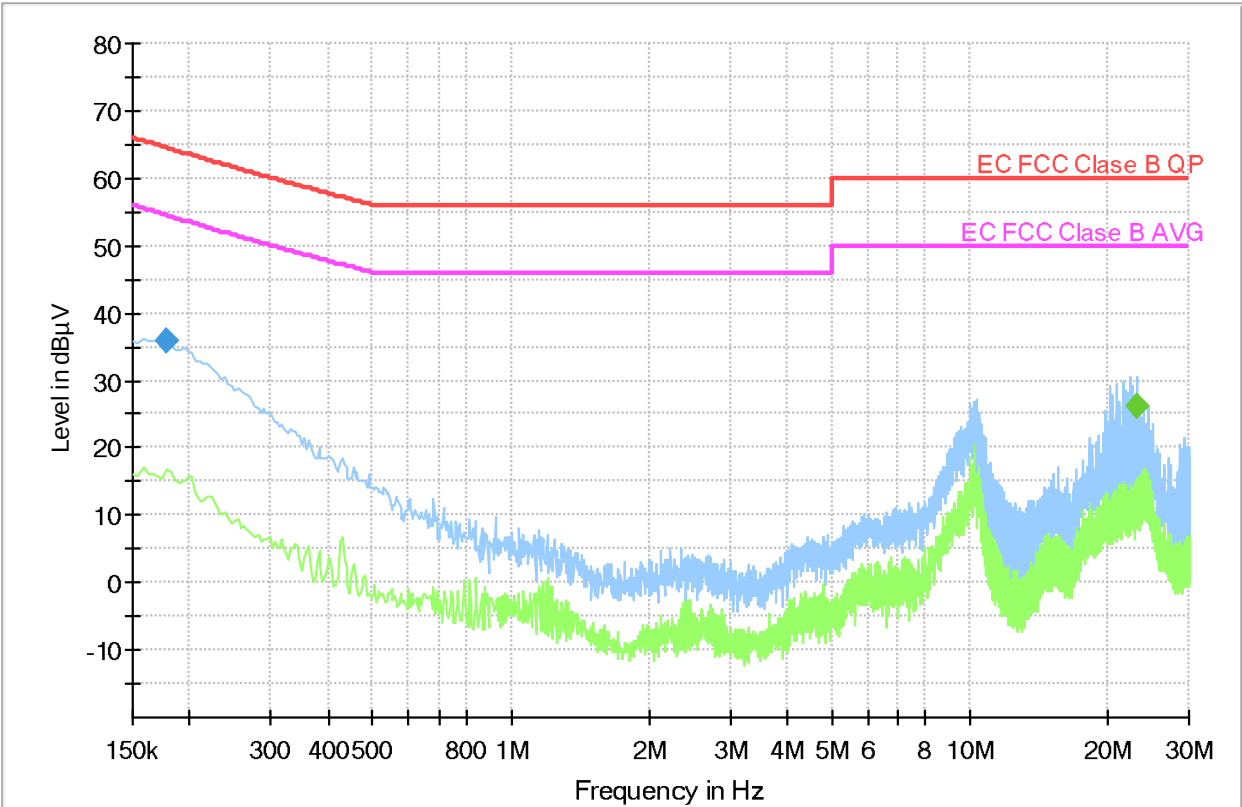
EMC Test Code = CE0234L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/34. EUT ON. MS in traffic mode. LTE Cat. M1 Band 26. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG

Critical_Freqs PK+

Final_Result PK+
- Preview Result 1-PK+

EC FCC Clase B QP

Final_Result AVG
- Critical_Freqs AVG

EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
0.178000	35.92	---
23.130000	---	26.13

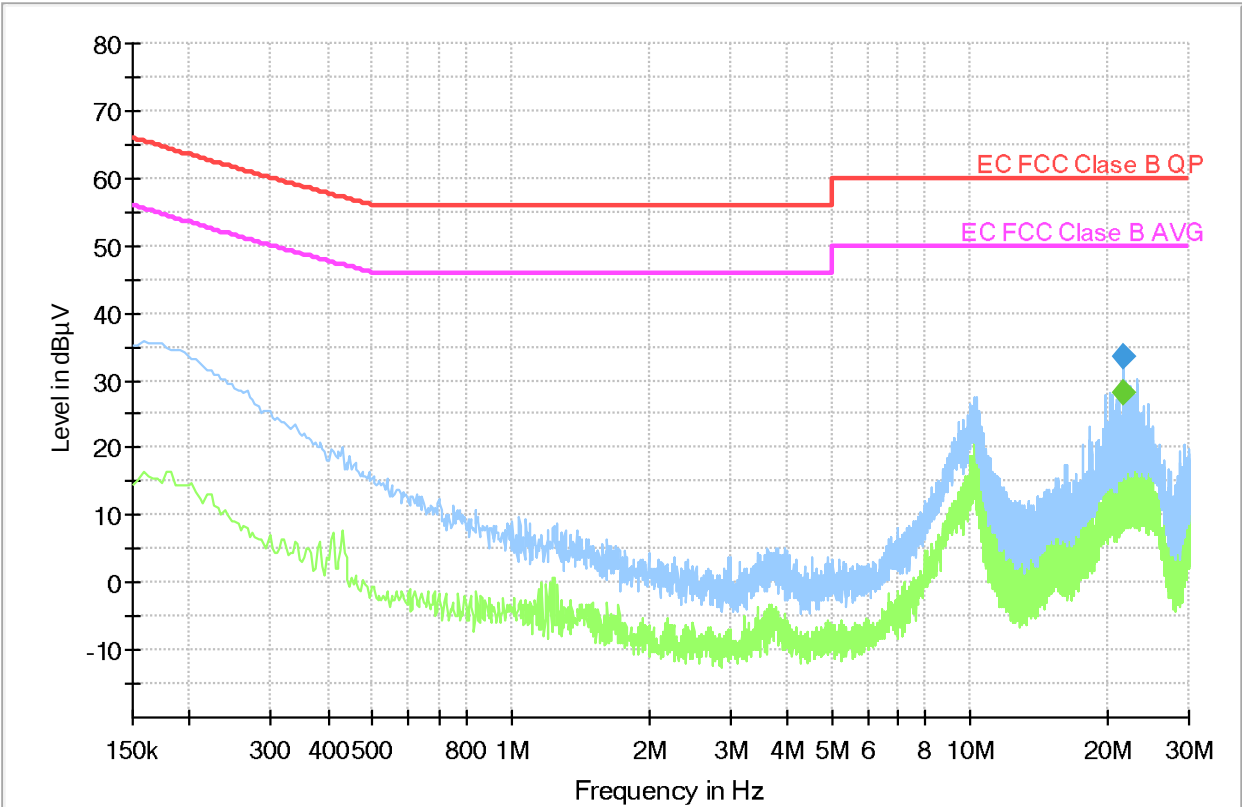
EMC Test Code = CE0235N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/35. EUT ON. MS in traffic mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	28.15
21.662000	33.62	---

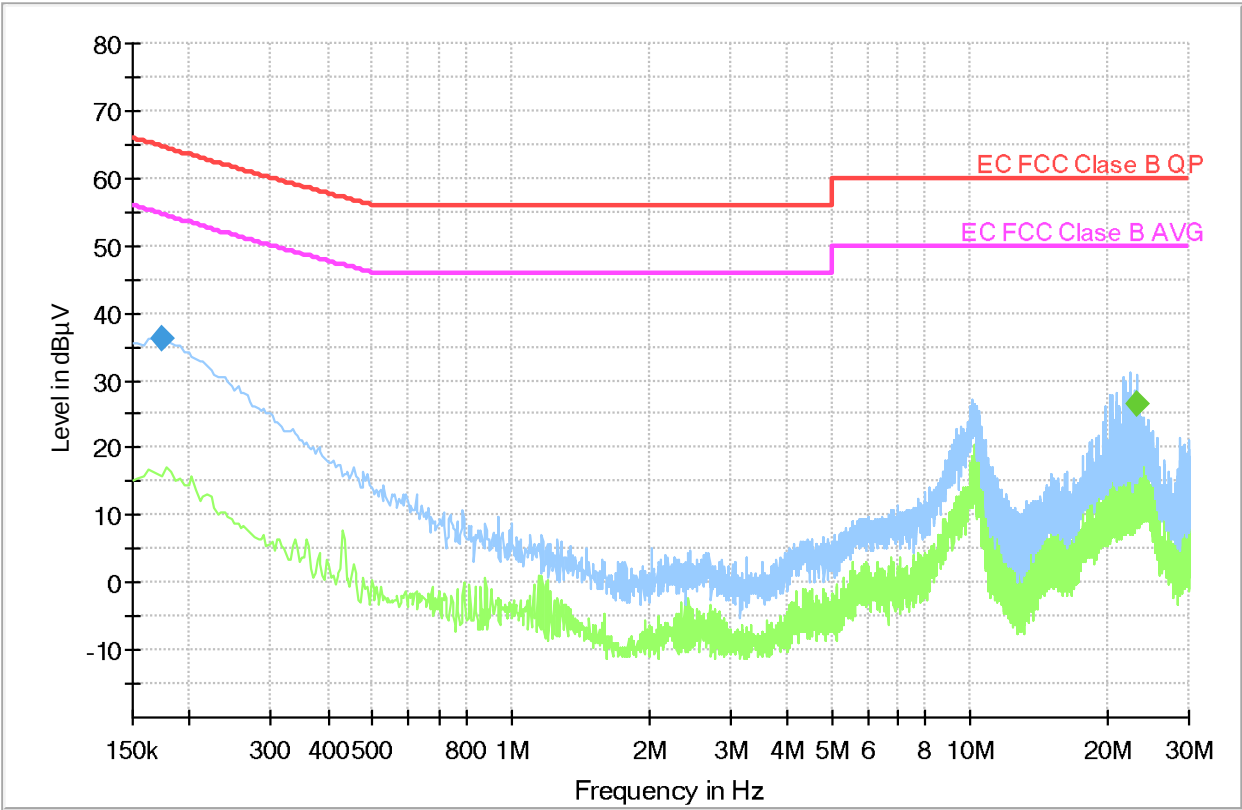
EMC Test Code = CE0235L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/35. EUT ON. MS in traffic mode. LTE Cat. M1 Band 66. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG
- *

 Critical_Freqs PK+
- ◆

 Final_Result PK+
- Preview Result 1-PK+
- EC FCC Clase B QP
- ◆

 Final_Result AVG
- *

 Critical_Freqs AVG
- EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
0.174000	36.13	---
23.130000	---	26.37

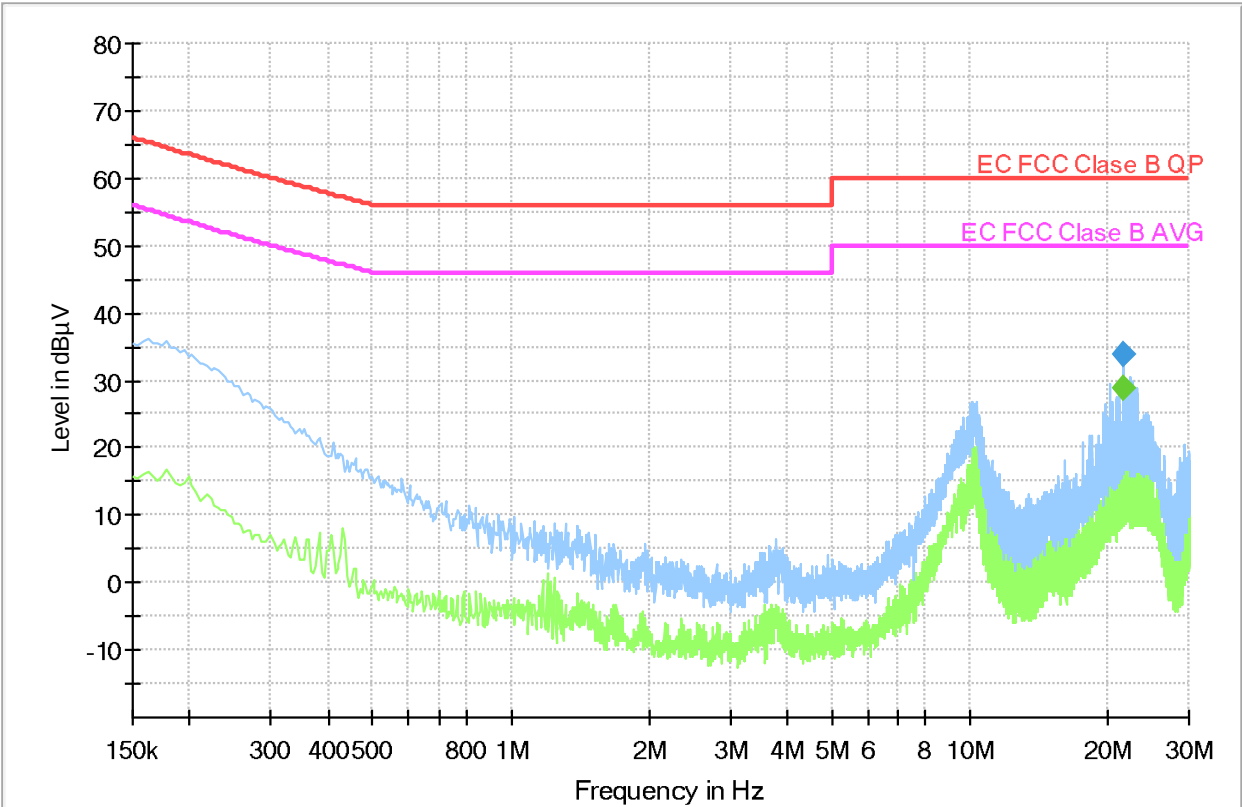
EMC Test Code = CE0236N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/02

Operation Mode: OM/36. EUT ON. Bluetooth in communication mode. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ EC FCC Clase B QP EC FCC Clase B AVG
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	28.68
21.662000	33.85	---

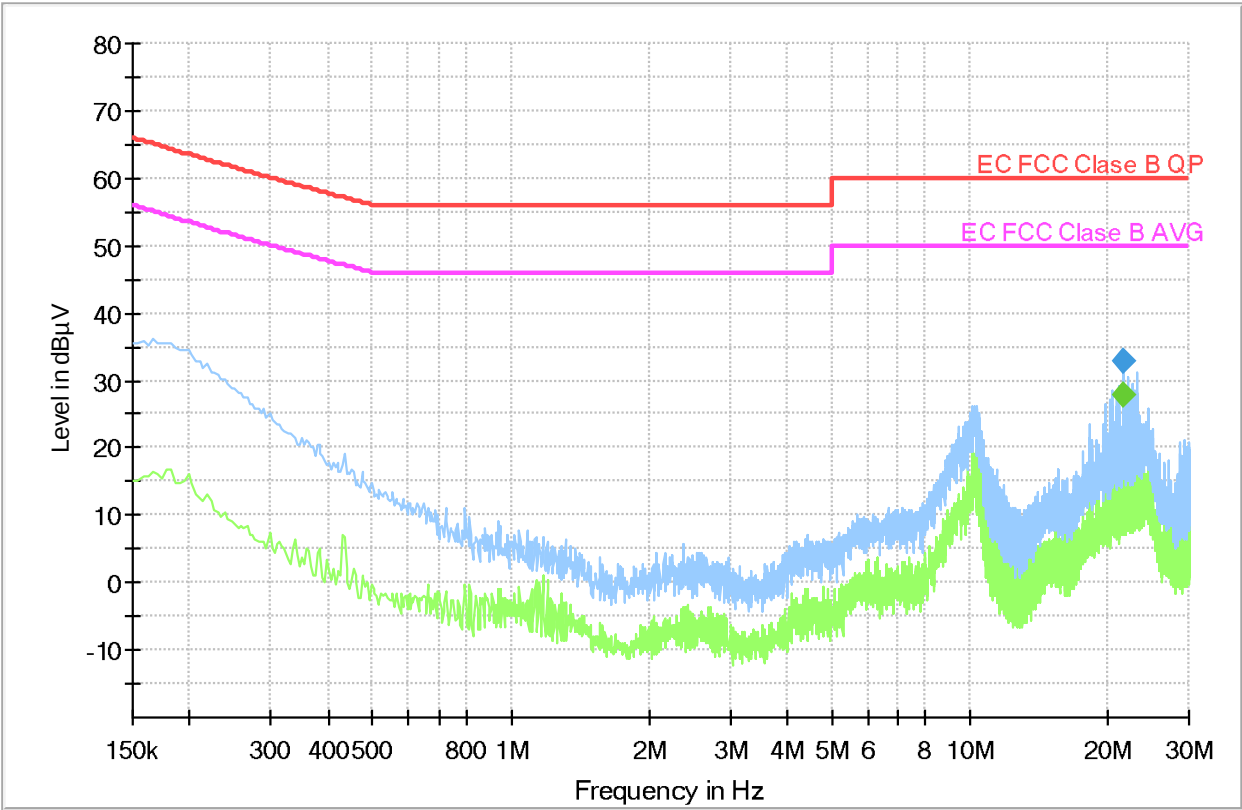
EMC Test Code = CE0236L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/02

Operation Mode: OM/36. EUT ON. Bluetooth in communication mode. Power supply: 115Vac, 400Hz

Images:

Full Spectrum



- Preview Result 2-AVG

Critical_Freqs PK+

Final_Result PK+
- Preview Result 1-PK+

EC FCC Clase B QP

Final_Result AVG
- Critical_Freqs AVG

EC FCC Clase B AVG

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)
21.662000	---	27.83
21.662000	32.68	---