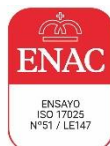


Test report No:
 NIE: 72146REM.001A1

Test report

**FCC Rules and Regulations CFR 47, Part 15, Subpart B and C
 (10-1-20 Edition) & ICES-003 Issue 7 (October 2020)**

(*) Identification of item tested	CPAP Device
(*) Trademark	ResMed
(*) Model and /or type reference	37089
(*) Derived model not tested	See Declaration of equivalence (Page 5).
Other identification of the product	HW version: R379-7135 SW version: SX558 FCC ID: 2ACHL-AIR104GU IC: 9103A-AIR104GU
(*) Features	4G, 3G, 2G
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 and C (10-1-20 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	2022-10-18
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
Line	Conducted Emissions - Tested Line
OM	Operation Mode
S/	Sample
V	Verdict

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 CPAP device with integrated cellular connectivity.
3. Derived models not tested. These models have been declared by the supplier of the sample as being the same as the model under test.



Date: 13-May-2022

DECLARATION OF EQUIVALENCE

This document declares that the following designated products are equivalent to the unit under test **37089**.

Model Name / Product Code	Marketing Name
37158	AirSense 10 CPAP
37159	AirSense 10 Elite
37160	AirSense 10 AutoSet
37161	AirSense 10 AutoSet FH
37162	AirCurve 10 ASV
37163	AirCurve 10 S
37164	AirCurve 10 VAuto
37165	AirCurve 10 ST

All the above stated products 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: Associate 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 & S/02	72146_1.1	CPAP Device	37089	22221362833	2022-05-09	Element Under Test
S/01 & S/02	72146_2.1	Water tub	---	---	2022-05-09	Element Under Test
S/01 & S/02	72146_3.1	Air tube	---	---	2022-05-09	Element Under Test
S/01	72146_4.1	AC//DC adapter	370006	---	2022-05-09	Element Under Test
S/01	72146_5.1	Power cord	---	---	2022-05-09	Element Under Test
S/02	72146_20.1	DC/DC adapter	370003	YMGT521919000057800	2022-05-09	Element Under Test
S/02	72146_21.1	Battery adapter cable	---	---	2022-05-09	Element Under Test

Notes referenced to samples during the project:

- S/01: Sample used for AC supply operation modes.
- S/02: Sample used for DC supply operation modes.

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, 50–60Hz 1.0–1.5A	[X]	[]	[]	[X]	[]
	[X]	AC: 115V, 400Hz 1.5A, (aircraft)	[X]	[]	[]	[X]	[]
[X]	DC: 24V, 90W (DC-DC Converter)						
Rated Power	53W (57VA) - Typical, 104W (108VA) - Peak						
Clock frequencies..... :	N/A						
Other parameters	---						
Software version	SX558						
Hardware version	R379-7135						
Dimensions in cm (W x H x D)	255 mm X 116 mm X 150 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			
	Cellular Module (4G, 3G, 2G)		LARA-R6001	u-blox			
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)	2021-12-01
Date (finish)	2022-01-27

Document history

Report number	Date	Description
72146REM.001	2022-07-05	First release
72146REM.001A1	2022-10-18	First modification: update of typos. This modification test report cancels and replaces the test report 72146RRF.001s.

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: Antonio Ruiz Sanchez and Salvador Cuellar Guerrero.

Testing verdicts

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

List of equipment used during the test

Control No.	Equipment	Model	Manufacturer	Next Calibration
8866	EMI TEST RECEIVER 2Hz-44GHz	ESW44	ROHDE AND SCHWARZ	2023-09-21
6126	ETHERNET TEMPERATURE AND HUMIDITY LOGGER	HWg-STE	HW GROUP	2022-04-05
6132	ETHERNET TEMPERATURE AND HUMIDITY LOGGER	HWg-STE	HW GROUP	2022-04-05
6129	ETHERNET TEMPERATURE AND HUMIDITY LOGGER	--	--	2022-04-07
4612	HORN ANTENNA 1-18GHz	BBHA 9120 D	SCHWARZBECK MESS-ELEKTRONIK	2024-07-13
8788	PREAMPLIFIER 30dB 500MHz-18GHz	BBV 9718 C	SCHWARZBECK	2022-06-07
6064	SEMIANECHOIC ABSORBER LINED CHAMBER	SAC-3	FRANKONIA	--
6329	SHIELDED ROOM	---	FRANKONIA	--
4679	THREE-PHASE ARTIFICIAL NETWORK 32A	--	--	2023-01-11
5152	TRANSIENT LIMITER 10DB N CONNECTOR	VTSD 9561-F	SCHWARZBECK	2022-10-20
5641	HYBRID BILOG ANTENNA 30MHz-6GHz	3142E	ETS LINDGREN	2024-09-15
2942	EMI TEST RECEIVER 20Hz-40GHz	ESU40	ROHDE AND SCHWARZ	2023-11-22

Summary

Test Specification.	Requirement – Test case	Verdict	Remark
FCC CFR 47, Part 15, Subpart B (10-1-20 Edition) & ICES-003 Issue 7 (October 2020)	RE Radiated emission. Electromagnetic field measure	P	---
FCC CFR 47, Part 15, Subpart B and C (10-1-20 Edition) & ICES-003 Issue 7 (October 2020)	CE Continuous conducted emission	P	(1)
<u>Supplementary information and remarks:</u> 1. This test is not applicable to device powered in DC.			

Appendix A: Test results

Appendix A content

DESCRIPTION OF THE OPERATION MODES	14
TEST STANDARDS VERSION APPLIED	15
TEST CASES DETAILS	16
<i>RE Radiated emission. Electromagnetic field measure</i>	16
<i>CE Continuous conducted emission</i>	22

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. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. Searching cell network. Power supply: 115Vac, 60Hz
OM/02	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. Searching cell network. Power supply: 12Vdc
OM/03	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 2. Power supply: 115Vac, 60Hz
OM/04	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 4. Power supply: 115Vac, 60Hz
OM/05	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 5. Power supply: 115Vac, 60Hz
OM/06	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 7. Power supply: 115Vac, 60Hz
OM/07	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 12. Power supply: 115Vac, 60Hz
OM/08	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 13. Power supply: 115Vac, 60Hz
OM/09	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 41. Power supply: 115Vac, 60Hz
OM/10	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 2. Power supply: 115Vac, 60Hz
OM/11	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 4. Power supply: 115Vac, 60Hz
OM/12	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 5. Power supply: 115Vac, 60Hz
OM/13	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 7. Power supply: 115Vac, 60Hz
OM/14	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 12. Power supply: 115Vac, 60Hz
OM/15	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 13. Power supply: 115Vac, 60Hz
OM/16	EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 41. Power supply: 115Vac, 60Hz

According to Pre-scan for each power supply mode configuration with device transmitting in the lower and higher Frequency Bands:

- AC power supply worst case: 115 Vac / 60 Hz.
- DC power supply worst case: 12 Vdc.

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 (10-1-20 Edition) & ICES-003 Issue 7 (October 2020)	ANSI C63.4 (2014)	RE Radiated emission.
FCC CFR 47, Part 15, Subpart B and C (10-1-20 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 (10-1-20 Edition), Secs. 15.109 & ICES-003 Issue 7 (October 2020) RE Radiated emission. Electromagnetic field measure

Limits

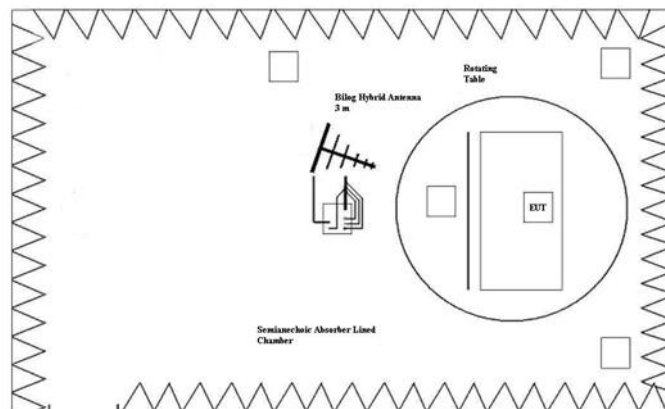
Limits of interference Class B

The applied limit for radiated emissions, 3 m distance, according to the requirements of FCC Rules and Regulations 47 CFR Part 15, Subpart B (10-1-20 Edition), Secs. 15.109 & ICES-003 Issue 7 (October 2020)

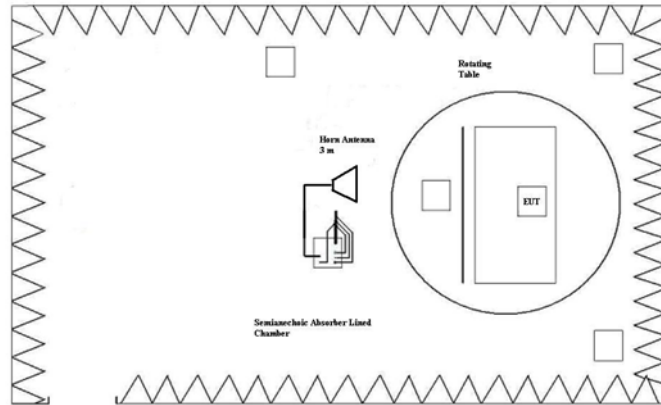
Frequency range (MHz)	FCC Part 15B		ICES-003 Issue 7		FCC Part 15B & ICES-003 Issue 7	
	QP Limit for 3 m		QP Limit for 3 m		PK Limit for 3 m	AVG Limit for 3 m
	($\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)	($\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)	($\text{dB}\mu\text{V/m}$)
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 or 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
02	OM/02	RE0202LR	[30, 1000]	P
02	OM/02	RE0202HR	[1000, 12750]	P

Verdict

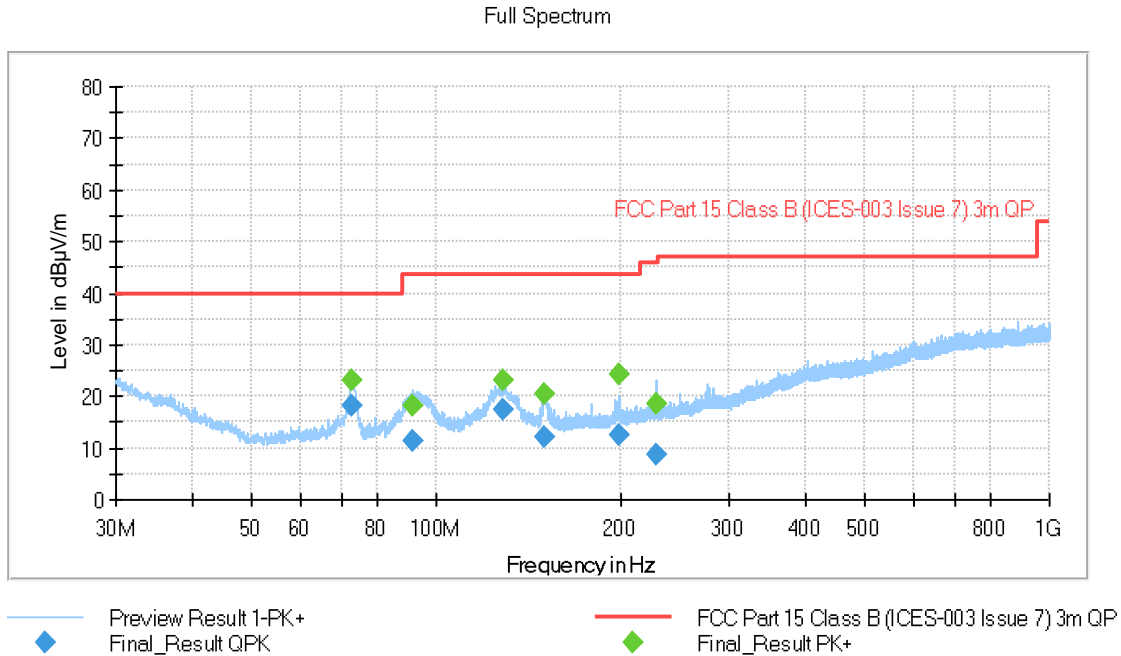
Pass

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

Sample ID: S/01

Operation Mode: OM/01. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. Searching cell network. Power supply: 115Vac, 60Hz

Images:



Documents:

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
72.941000	18.13	---	40.00	21.87	231.0	V	67.0
72.941000	---	22.97	---	---	231.0	V	67.0
91.368000	11.42	---	43.52	32.10	201.0	V	106.0
91.368000	---	18.36	---	---	201.0	V	106.0
128.749000	---	23.00	---	---	125.0	V	105.0
128.749000	17.28	---	43.52	26.24	125.0	V	105.0
149.898000	12.08	---	43.52	31.44	144.0	H	-28.0
149.898000	---	20.38	---	---	144.0	H	-28.0
197.995000	12.40	---	43.52	31.12	114.0	H	-4.0
197.995000	---	24.28	---	---	114.0	H	-4.0
227.927000	---	18.45	---	---	159.0	H	-86.0
227.927000	8.57	---	46.00	37.43	159.0	H	-86.0

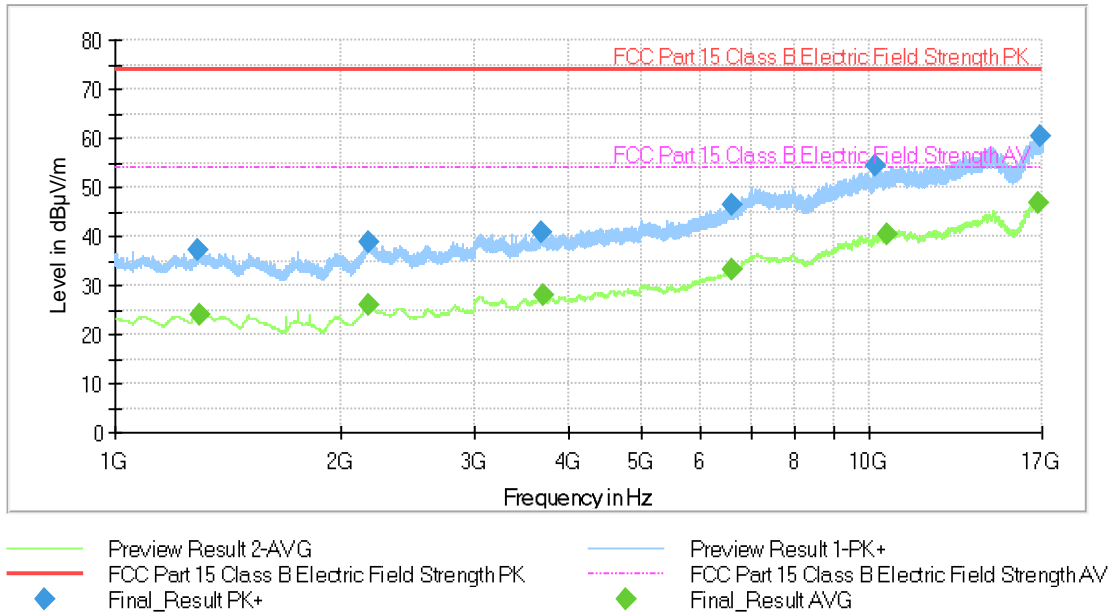
EMC Test Code = RE0101HR, Frequency Range MHz = [1000, 12750]

Sample ID: S/01

Operation Mode: OM/01. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. Searching cell network. Power supply: 115Vac, 60Hz

Images:

Full Spectrum



Documents:

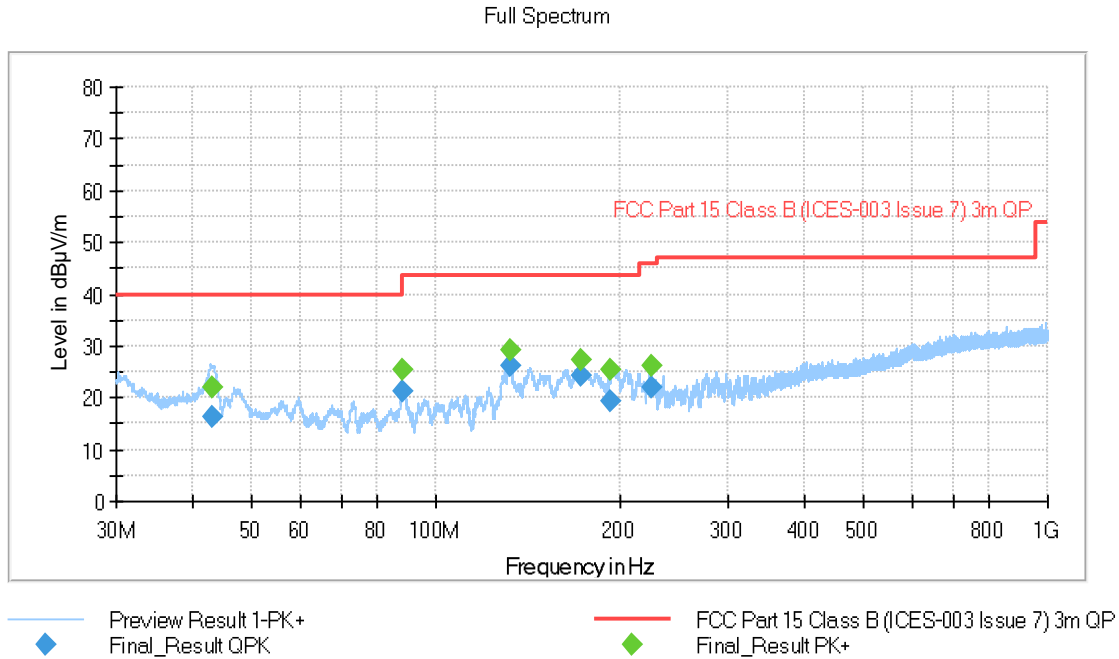
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1288.750000	37.10	---	73.97	36.87
1297.500000	---	24.18	53.97	29.79
2168.250000	---	26.17	53.97	27.80
2169.000000	38.97	---	73.97	35.00
3681.250000	40.92	---	73.97	33.05
3692.500000	---	28.12	53.97	25.85
6593.750000	46.46	---	73.97	27.51
6595.500000	---	33.15	53.97	20.82
10208.500000	54.22	---	73.97	19.75
10558.250000	---	40.26	53.97	13.71
16780.500000	---	46.86	53.97	7.11
16941.750000	60.47	---	73.97	13.50

EMC Test Code = RE0202LR, Frequency Range MHz = [30, 1000]

Sample ID: S/02

Operation Mode: OM/02. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. Searching cell network. Power supply: 12Vdc

Images:



Documents:

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
43.017000	---	22.18	---	---	167.0	V	-17.0
43.017000	16.27	---	40.00	23.73	167.0	V	-17.0
88.310000	---	25.59	---	---	121.0	V	-123.0
88.310000	21.23	---	43.52	22.29	121.0	V	-123.0
132.300000	---	29.05	---	---	114.0	V	177.0
132.300000	26.19	---	43.52	17.33	114.0	V	177.0
172.509000	24.13	---	43.52	19.39	117.0	V	174.0
172.509000	---	27.43	---	---	117.0	V	174.0
193.406000	19.45	---	43.52	24.07	163.0	H	13.0
193.406000	---	25.25	---	---	163.0	H	13.0
225.077000	---	26.25	---	---	146.0	H	180.0
225.077000	21.81	---	46.00	24.19	146.0	H	180.0

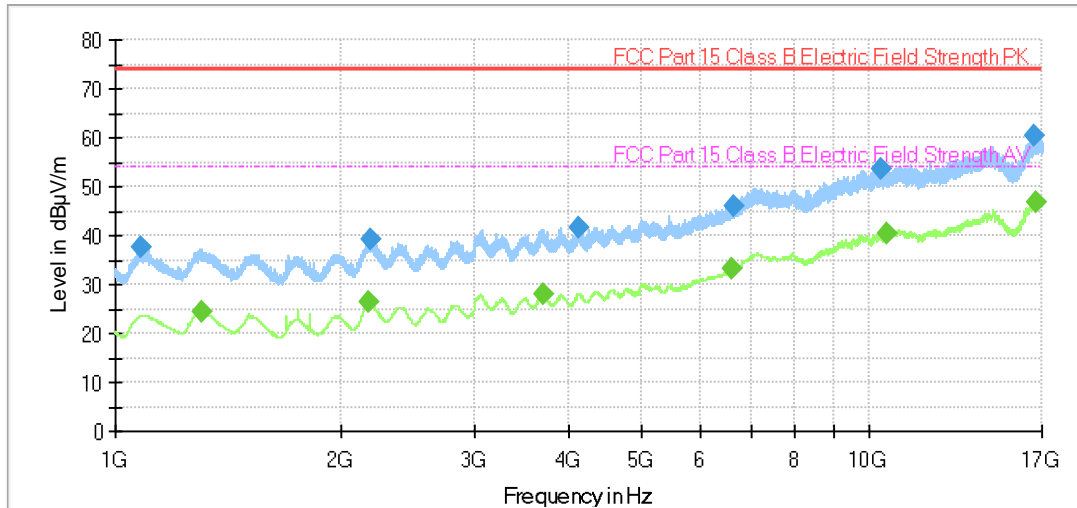
EMC Test Code = RE0202HR, Frequency Range MHz = [1000, 12750]

Sample ID: S/02

Operation Mode: OM/02. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. Searching cell network. Power supply: 12Vdc

Images:

Full Spectrum



- Preview Result 2-AVG
- FCC Part 15 Class B Electric Field Strength PK
- ◆ Final_Result PK+
- FCC Part 15 Class B Electric Field Strength AV
- ◆ Final_Result AVG

Documents:

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1081.500000	37.57	---	73.97	36.40
1298.500000	---	24.29	53.97	29.68
2171.250000	---	26.21	53.97	27.76
2187.000000	39.04	---	73.97	34.93
3693.250000	---	28.08	53.97	25.89
4117.000000	41.75	---	73.97	32.22
6595.000000	---	33.12	53.97	20.85
6606.000000	46.17	---	73.97	27.80
10366.000000	53.43	---	73.97	20.54
10558.000000	---	40.31	53.97	13.66
16554.000000	60.32	---	73.97	13.65
16701.500000	---	46.88	53.97	7.09

FCC CFR 47, Part 15, Subpart B and C; Secs. 15.107 and 15.207
 (10-1-20 Edition) & ICES-003 Issue 7 (October 2020)
 CE Continuous conducted emission

Limits

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 (10-1-20 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

Results

S/	OM	Code	Freq Rng (MHz)	Line	V
01	OM/03	CE0103N	[0.15, 30]	N	P
01	OM/03	CE0103L1	[0.15, 30]	L1	P
01	OM/04	CE0104N	[0.15, 30]	N	P
01	OM/04	CE0104L1	[0.15, 30]	L1	P
01	OM/05	CE0105N	[0.15, 30]	N	P
01	OM/05	CE0105L1	[0.15, 30]	L1	P
01	OM/06	CE0106N	[0.15, 30]	N	P
01	OM/06	CE0106L1	[0.15, 30]	L1	P
01	OM/07	CE0107N	[0.15, 30]	N	P
01	OM/07	CE0107L1	[0.15, 30]	L1	P
01	OM/08	CE0108N	[0.15, 30]	N	P
01	OM/08	CE0108L1	[0.15, 30]	L1	P
01	OM/09	CE0109N	[0.15, 30]	N	P
01	OM/09	CE0109L1	[0.15, 30]	L1	P
01	OM/10	CE0110N	[0.15, 30]	N	P
01	OM/10	CE0110L1	[0.15, 30]	L1	P
01	OM/11	CE0111N	[0.15, 30]	N	P
01	OM/11	CE0111L1	[0.15, 30]	L1	P
01	OM/12	CE0112N	[0.15, 30]	N	P
01	OM/12	CE0112L1	[0.15, 30]	L1	P
01	OM/13	CE0113N	[0.15, 30]	N	P
01	OM/13	CE0113L1	[0.15, 30]	L1	P

Results (cont.)

S/	OM	Code	Freq Rng (MHz)	Line	V
01	OM/14	CE0114N	[0.15, 30]	N	P
01	OM/14	CE0114L1	[0.15, 30]	L1	P
01	OM/15	CE0115N	[0.15, 30]	N	P
01	OM/15	CE0115L1	[0.15, 30]	L1	P
01	OM/16	CE0116N	[0.15, 30]	N	P
01	OM/16	CE0116L1	[0.15, 30]	L1	P

Verdict

Pass

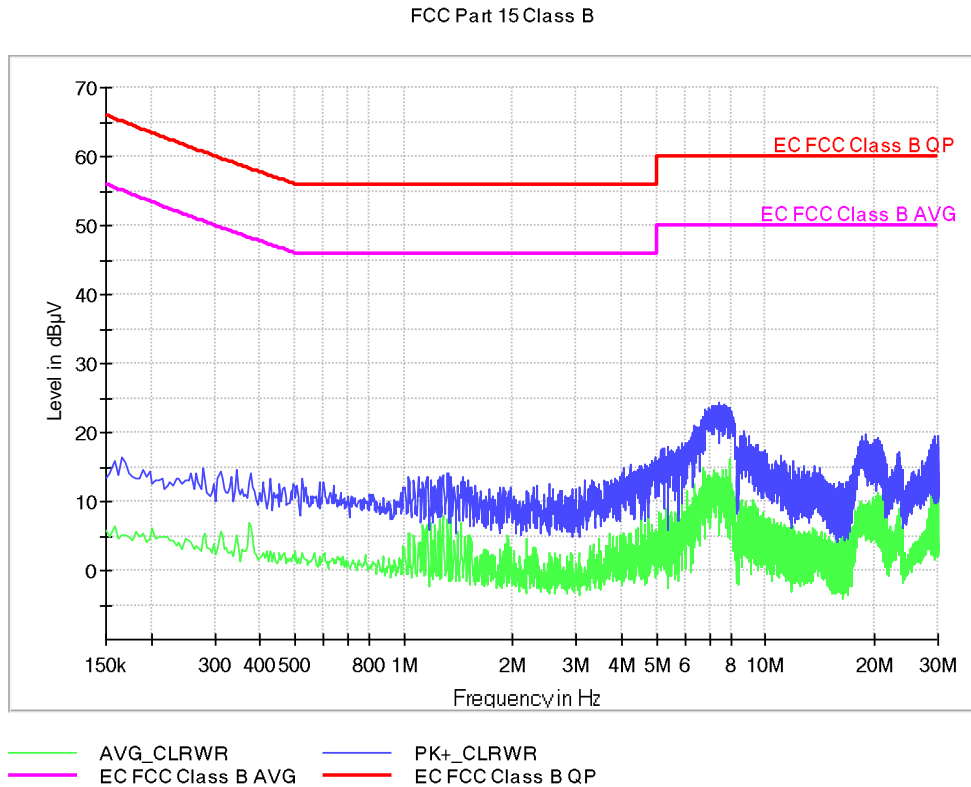
Attachments

EMC Test Code = CE0103N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/03. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 2. Power supply: 115Vac, 60Hz

Images:



Documents:

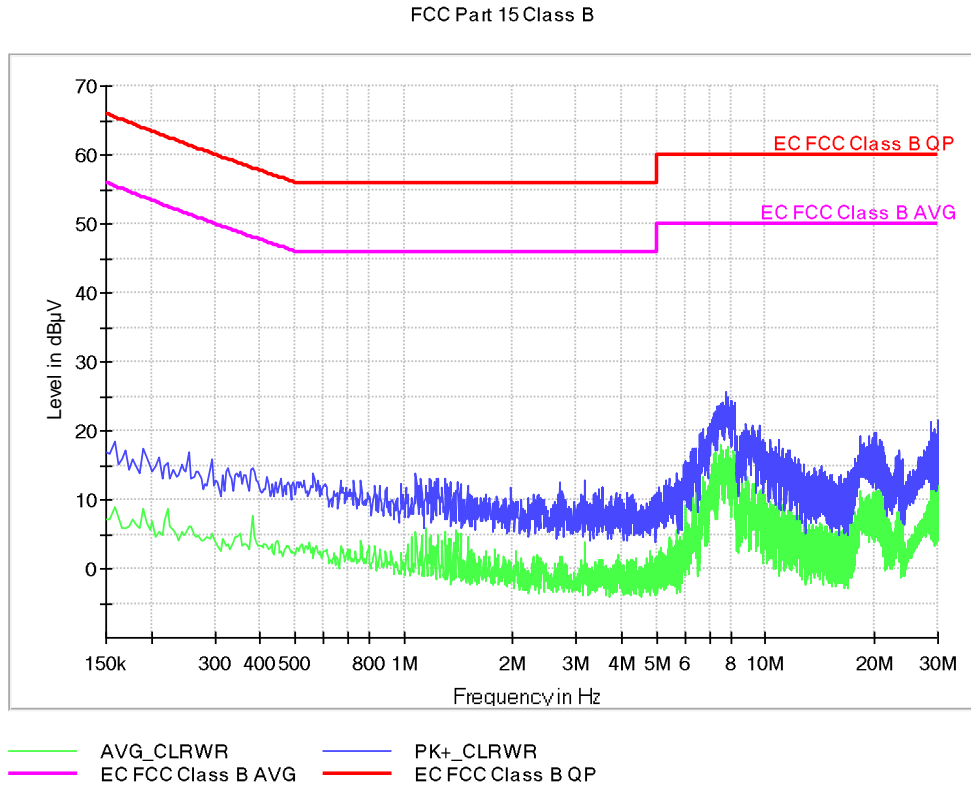
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.446000	24.4	12.6	N

EMC Test Code = CE0103L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/03. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 2. Power supply: 115Vac, 60Hz

Images:



Documents:

Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.750000	25.7	16.2	L1

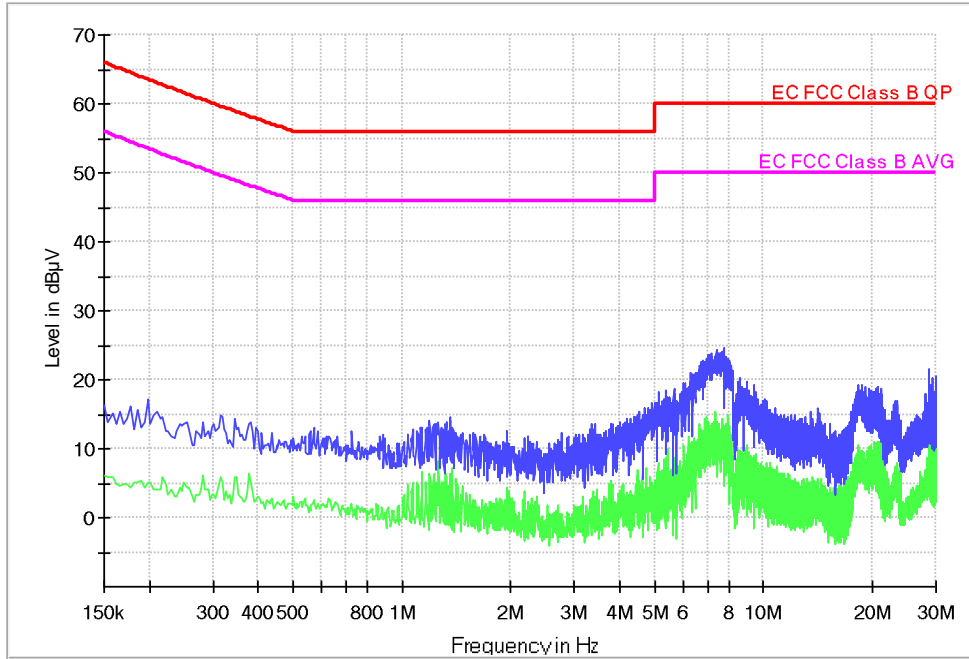
EMC Test Code = CE0104N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/04. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 4. Power supply: 115Vac, 60Hz

Images:

FCC Part 15 Class B



— AVG_CLRWR — PK+_CLRWR
— EC FCC Class B AVG — EC FCC Class B QP

Documents:

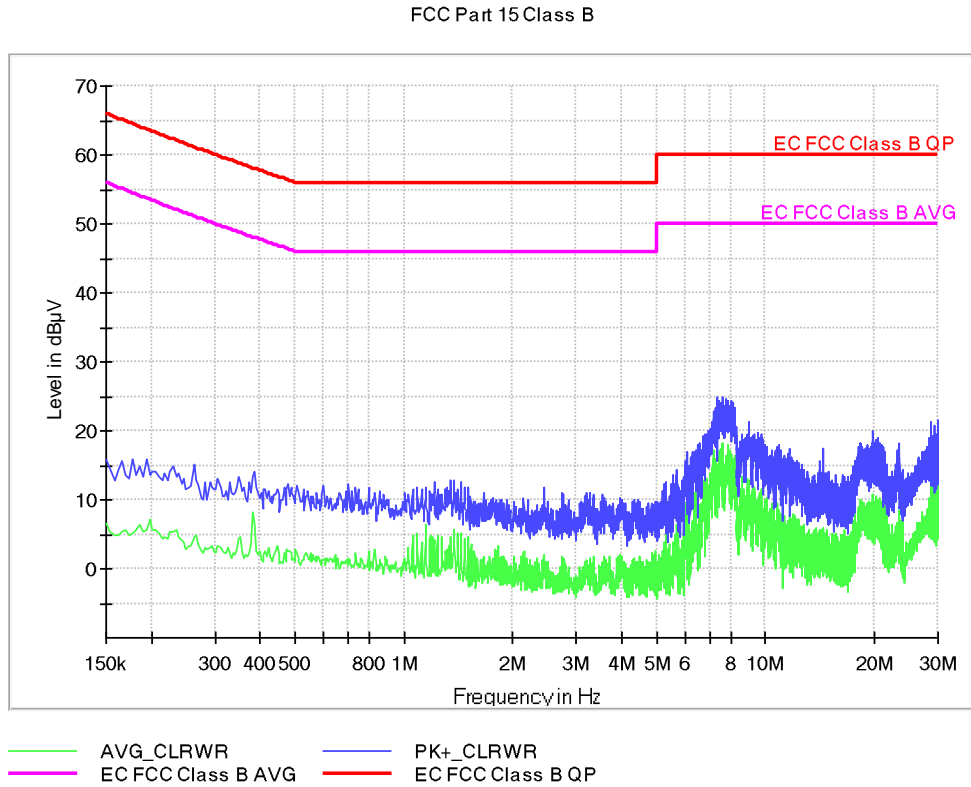
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.746000	24.6	11.2	N

EMC Test Code = CE0104L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/04. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 4. Power supply: 115Vac, 60Hz

Images:



Documents:

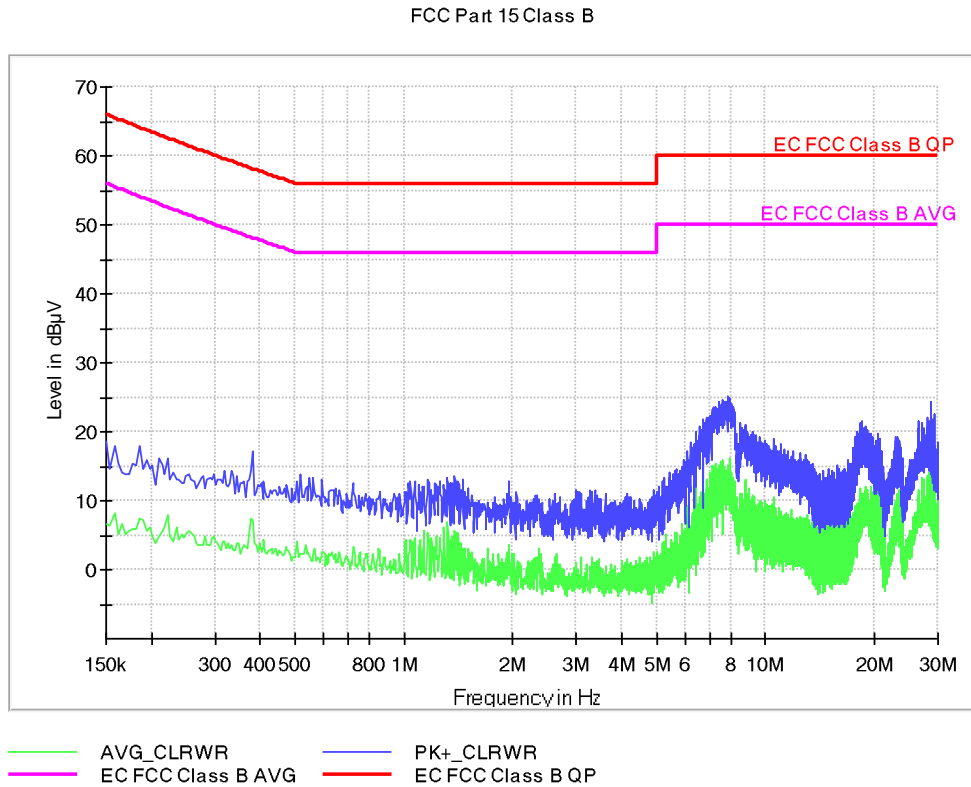
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.598000	24.9	18.1	L1

EMC Test Code = CE0105N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/05. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 5. Power supply: 115Vac, 60Hz

Images:



Documents:

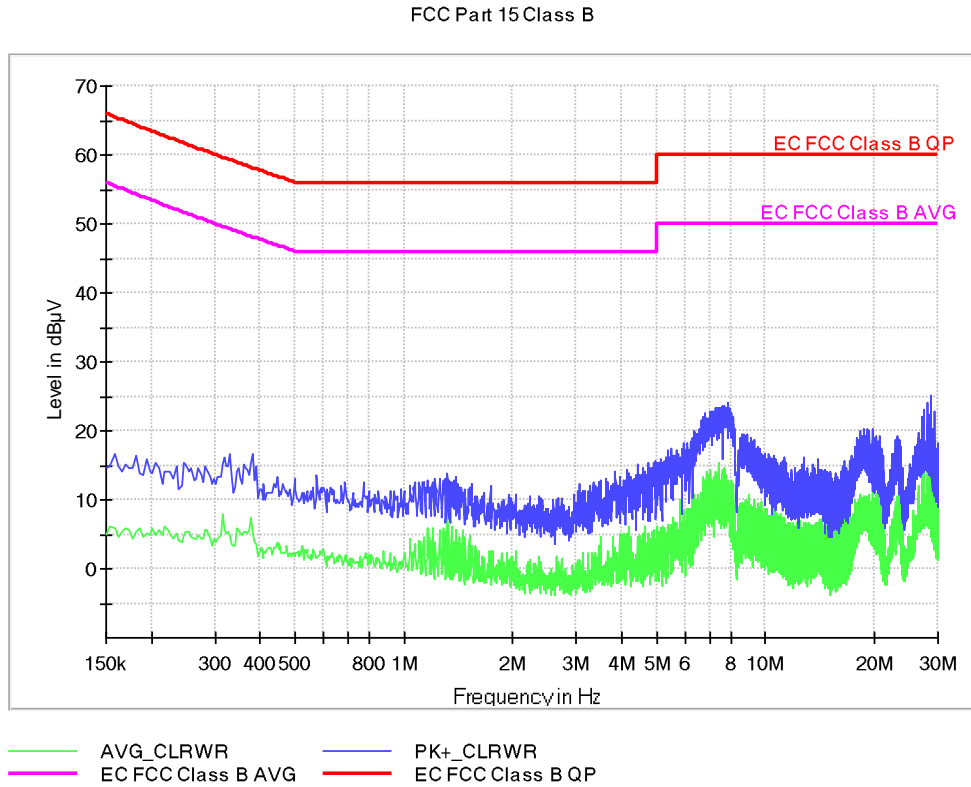
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.898000	25.1	15.2	N

EMC Test Code = CE0105L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/05. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 5. Power supply: 115Vac, 60Hz

Images:



Documents:

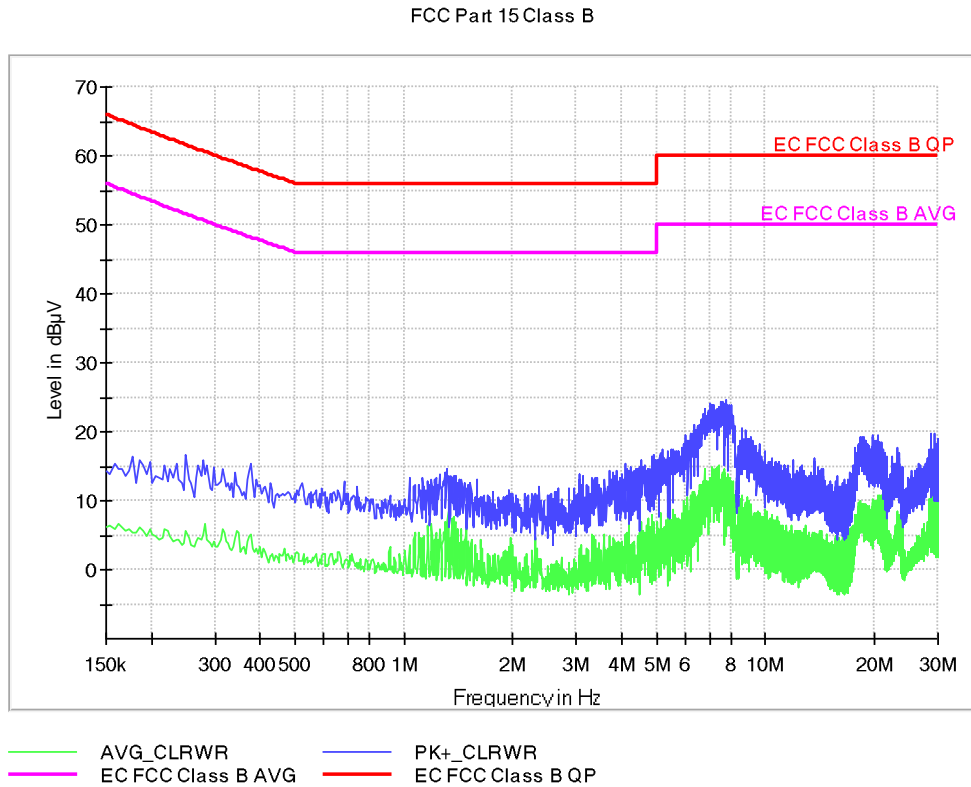
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
28.686000	25.0	18.0	L1

EMC Test Code = CE0106N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/06. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 7. Power supply: 115Vac, 60Hz

Images:



Documents:

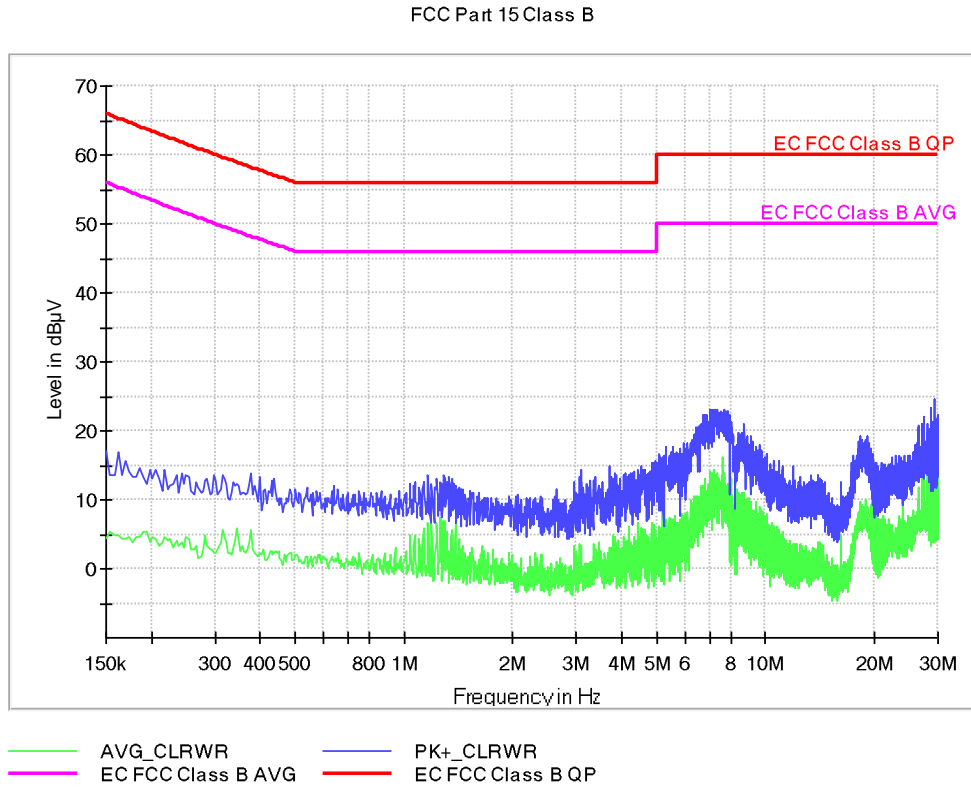
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.746000	24.6	13.1	N

EMC Test Code = CE0106L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/06. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 7. Power supply: 115Vac, 60Hz

Images:



Documents:

Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
29.234000	24.5	18.5	L1

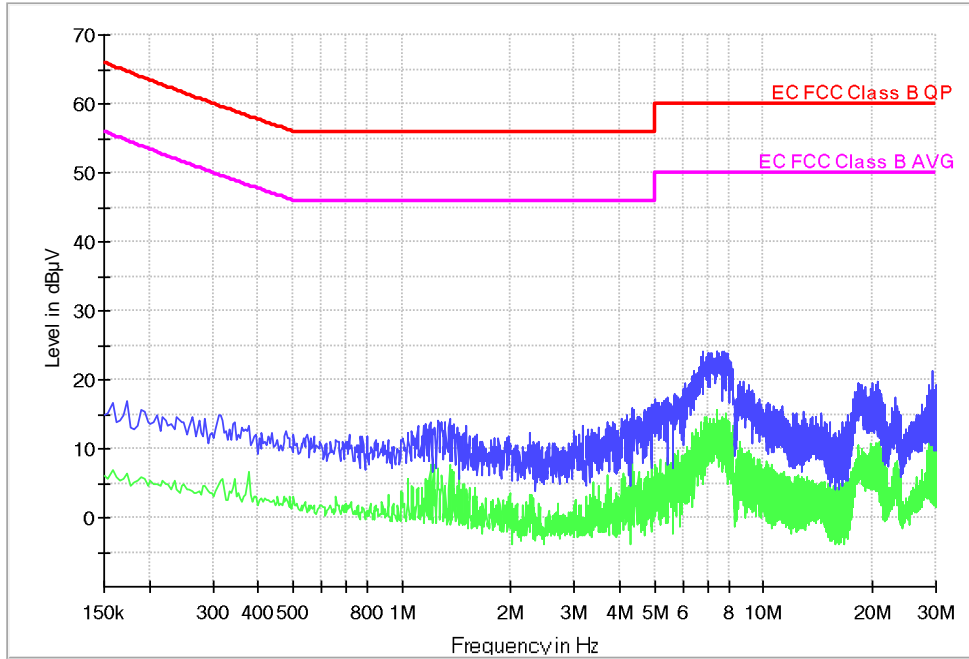
EMC Test Code = CE0107N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/07. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 12. Power supply: 115Vac, 60Hz

Images:

FCC Part 15 Class B



— AVG_CLRWR — PK+_CLRWR
— EC FCC Class B AVG — EC FCC Class B QP

Documents:

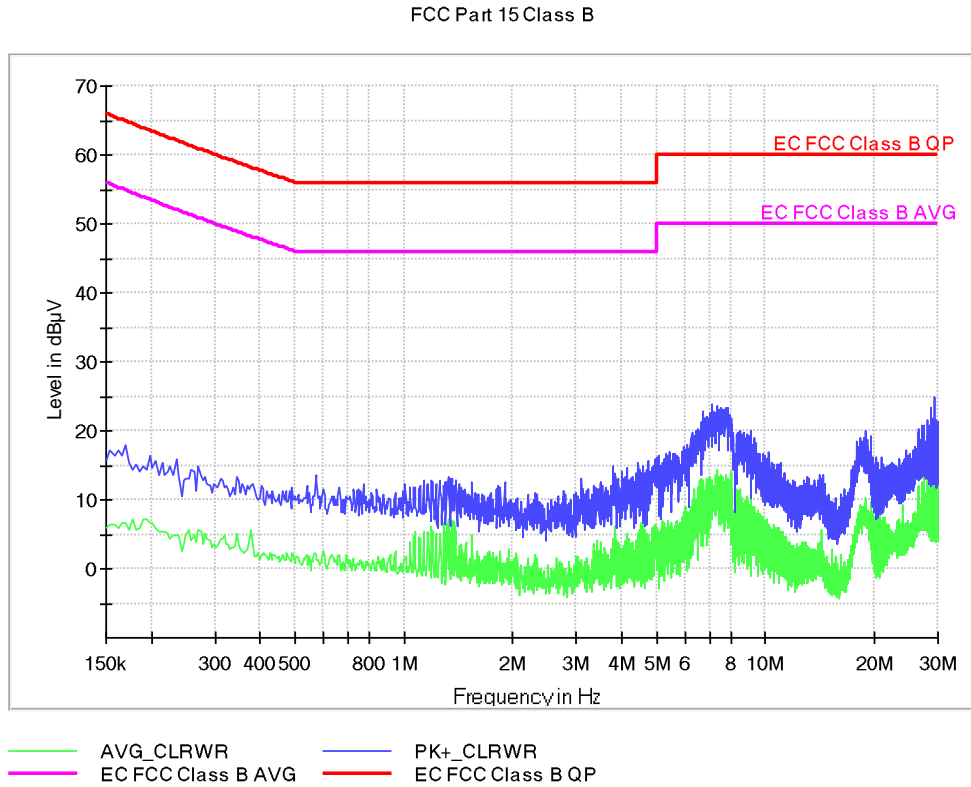
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
6.798000	24.2	12.7	N

EMC Test Code = CE0107L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/07. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 12. Power supply: 115Vac, 60Hz

Images:



Documents:

Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
29.234000	24.8	18.2	L1

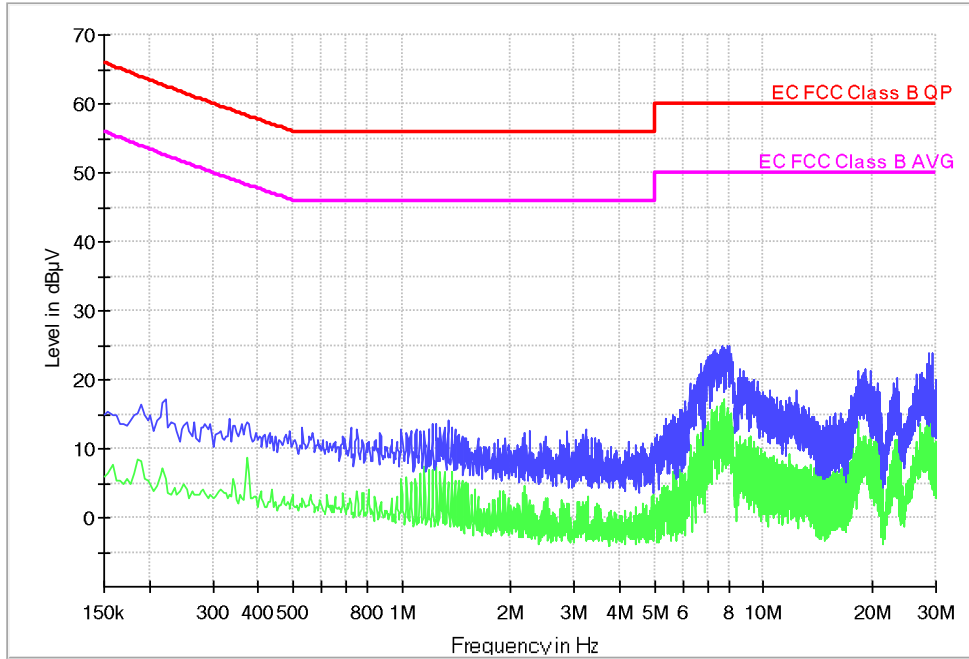
EMC Test Code = CE0108N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/08. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 13. Power supply: 115Vac, 60Hz

Images:

FCC Part 15 Class B



— AVG_CLRWR — PK+_CLRWR
— EC FCC Class B AVG — EC FCC Class B QP

Documents:

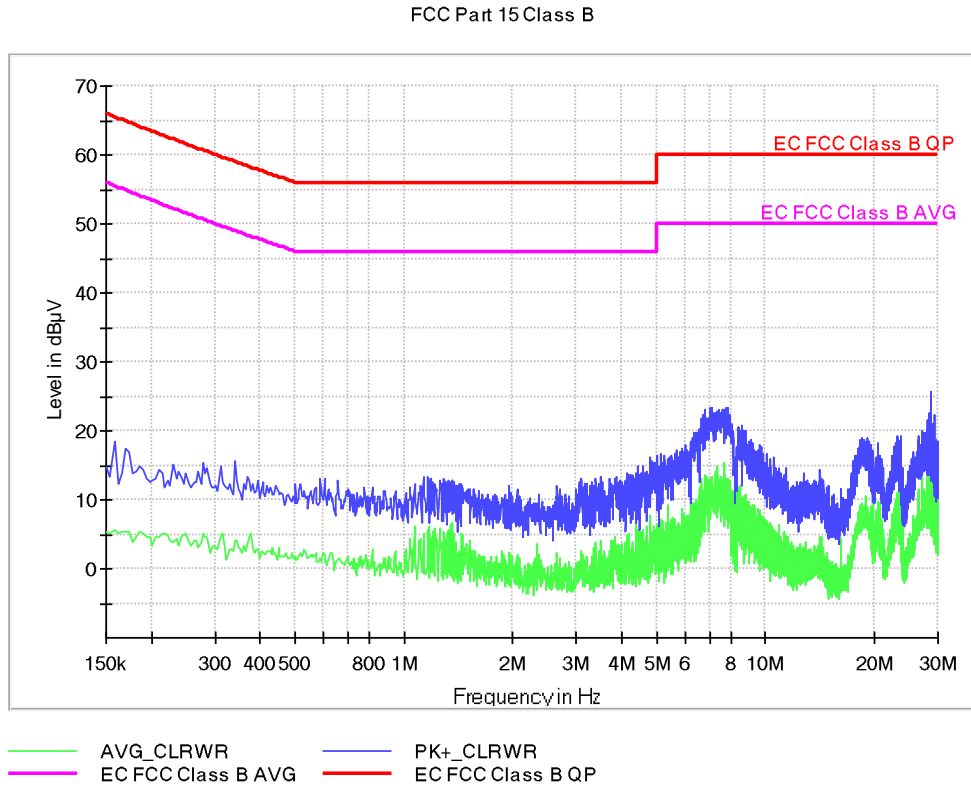
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.946000	25.0	12.4	N

EMC Test Code = CE0108L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/08. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 13. Power supply: 115Vac, 60Hz

Images:



Documents:

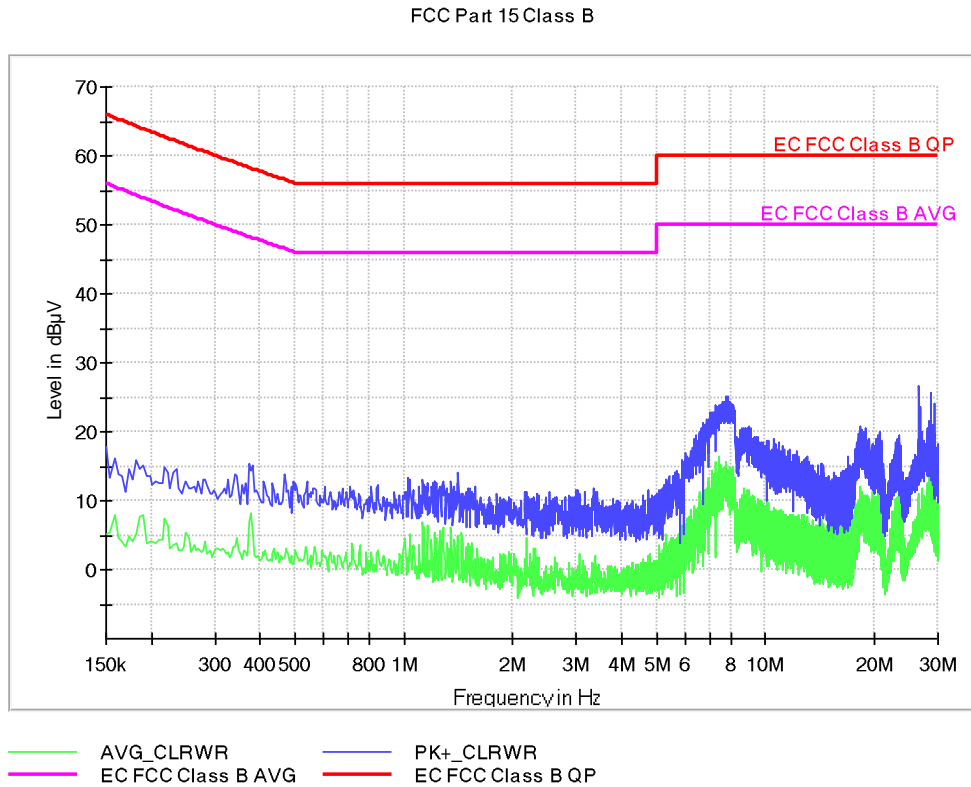
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
28.686000	25.8	19.0	L1

EMC Test Code = CE0109N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/09. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 41. Power supply: 115Vac, 60Hz

Images:



Documents:

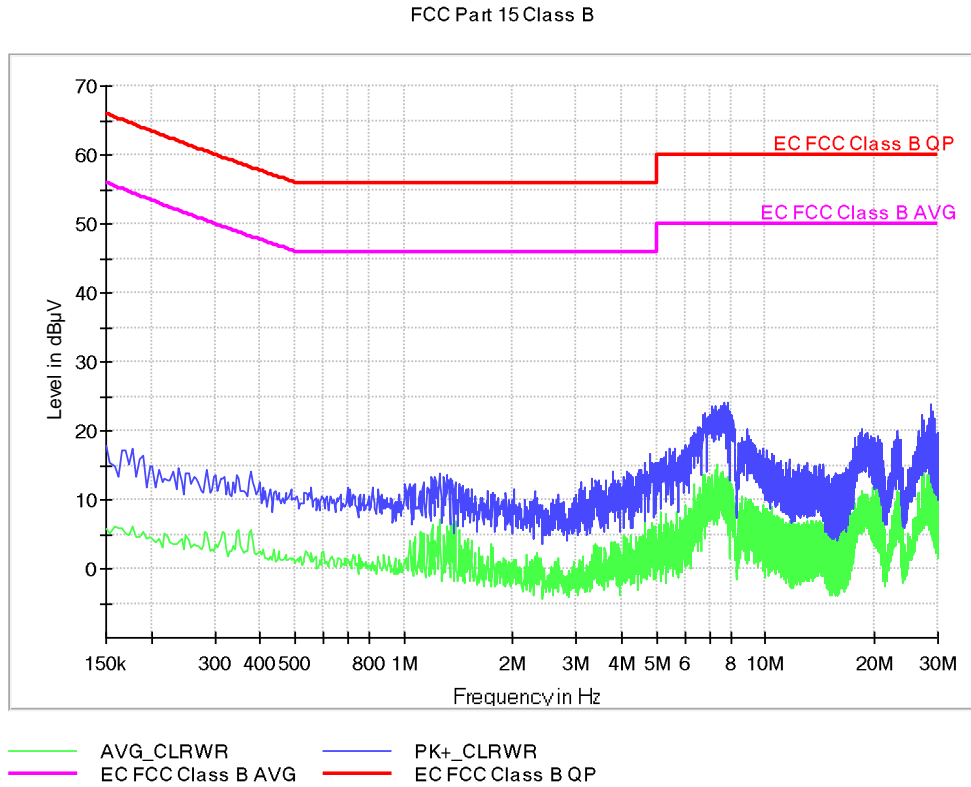
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
26.654000	26.7	7.3	N

EMC Test Code = CE0109L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/09. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in IDLE mode. LTE Band 41. Power supply: 115Vac, 60Hz

Images:



Documents:

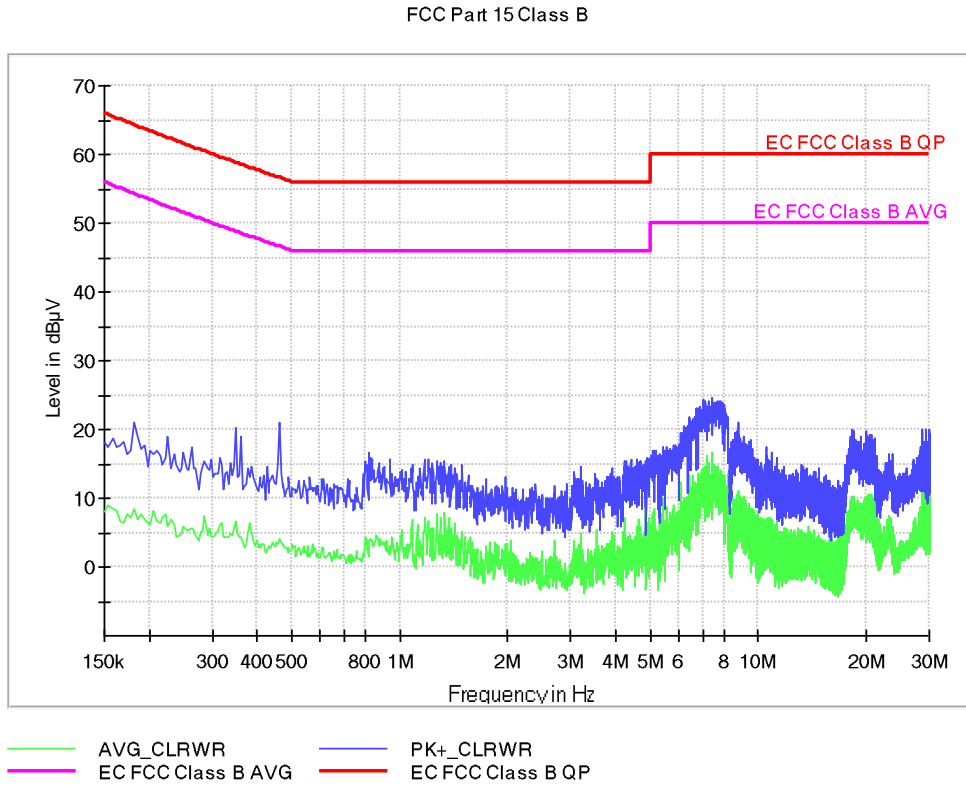
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.698000	24.2	11.0	L1

EMC Test Code = CE0110N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/10. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 2. Power supply: 115Vac, 60Hz

Images:



Documents:

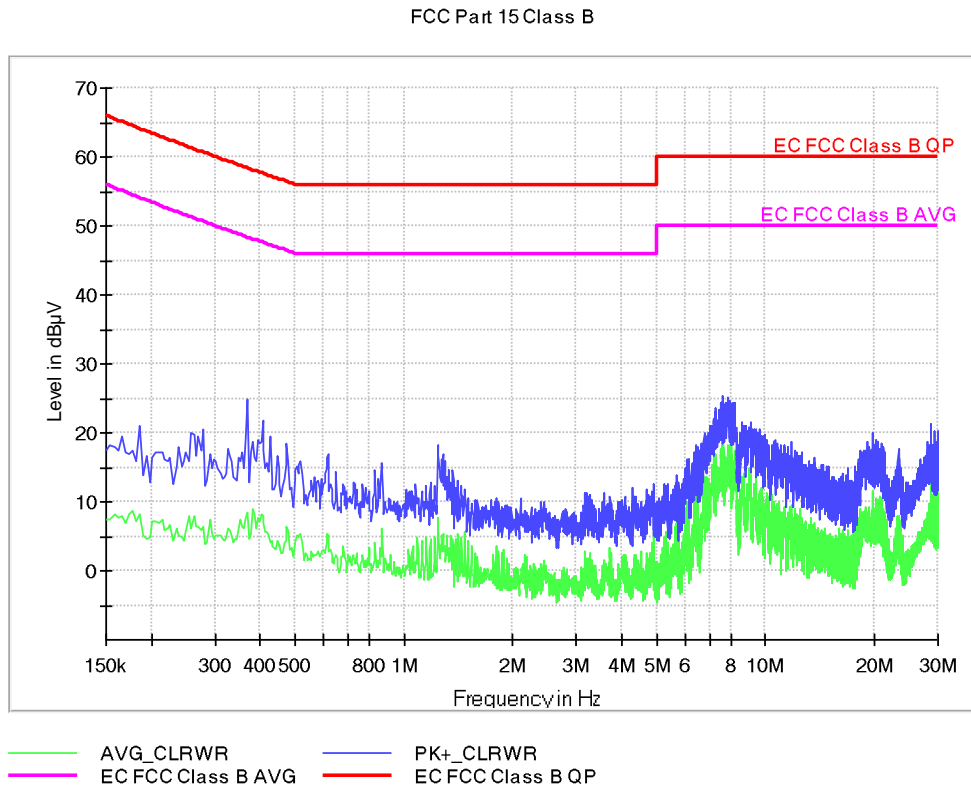
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.450000	24.5	14.3	N

EMC Test Code = CE0110L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/10. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 2. Power supply: 115Vac, 60Hz

Images:



Documents:

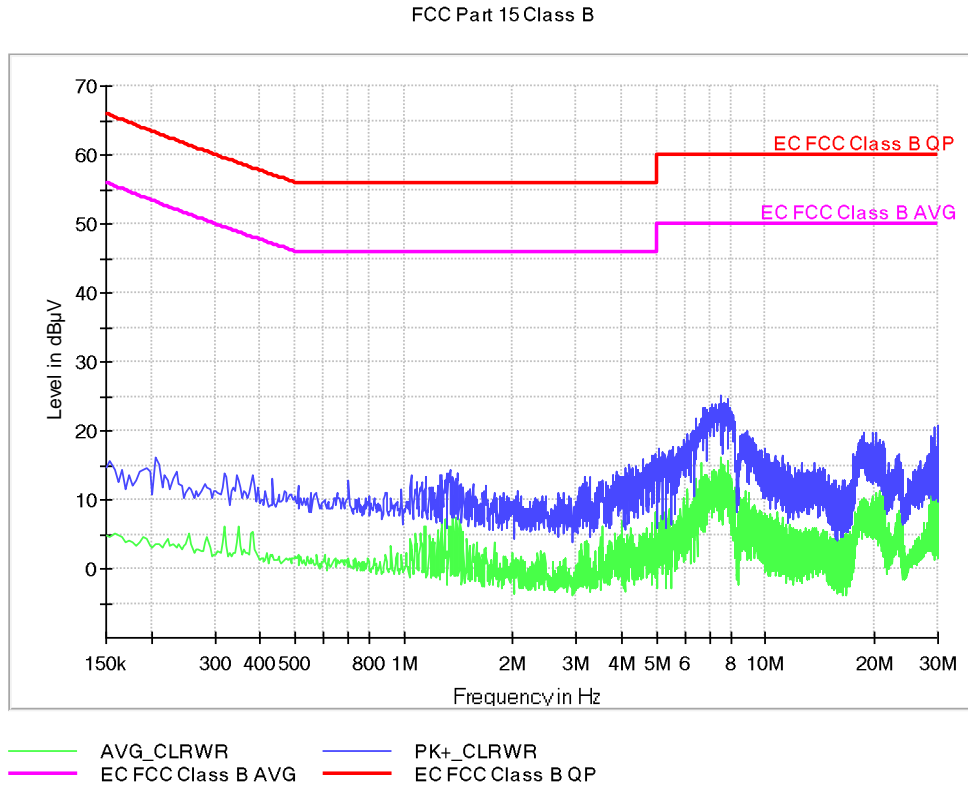
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.646000	25.3	19.4	L1

EMC Test Code = CE0111N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/11. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 4. Power supply: 115Vac, 60Hz

Images:



Documents:

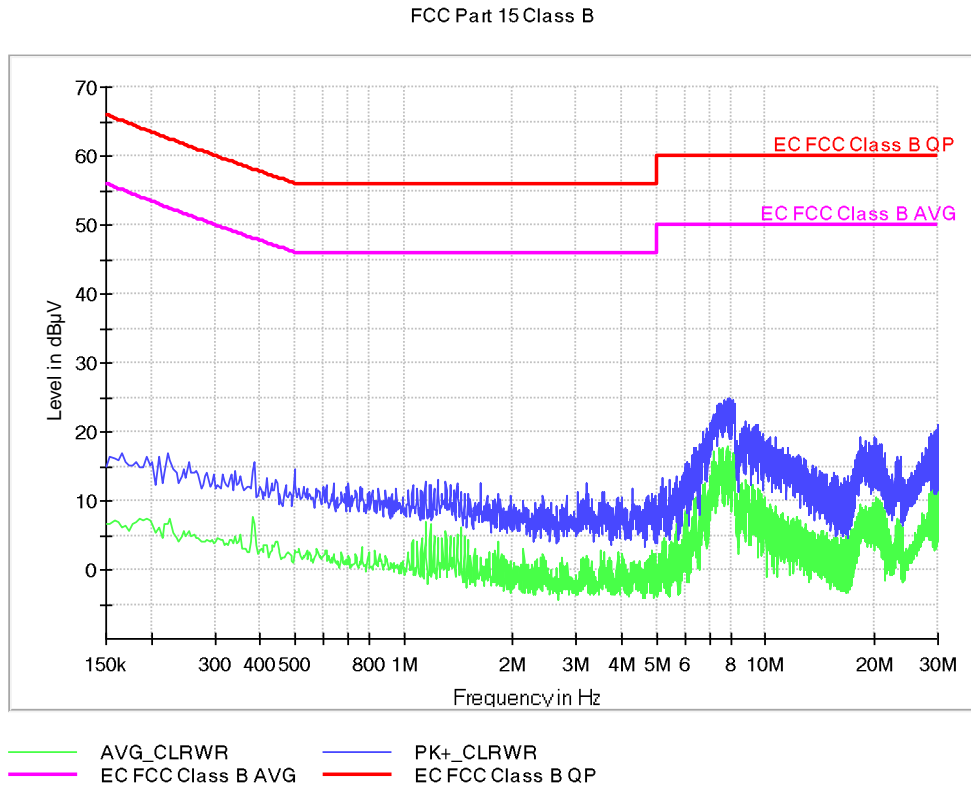
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.498000	25.1	16.2	N

EMC Test Code = CE0111L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/11. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 4. Power supply: 115Vac, 60Hz

Images:



Documents:

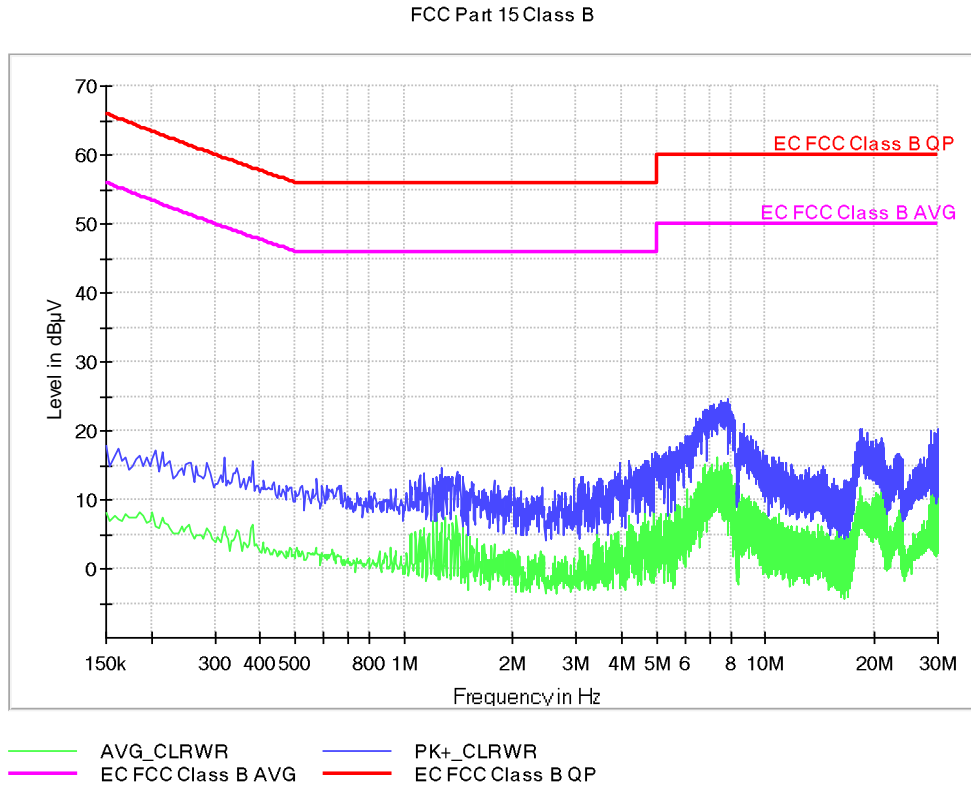
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.982000	24.8	14.7	L1

EMC Test Code = CE0112N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/12. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 5. Power supply: 115Vac, 60Hz

Images:



Documents:

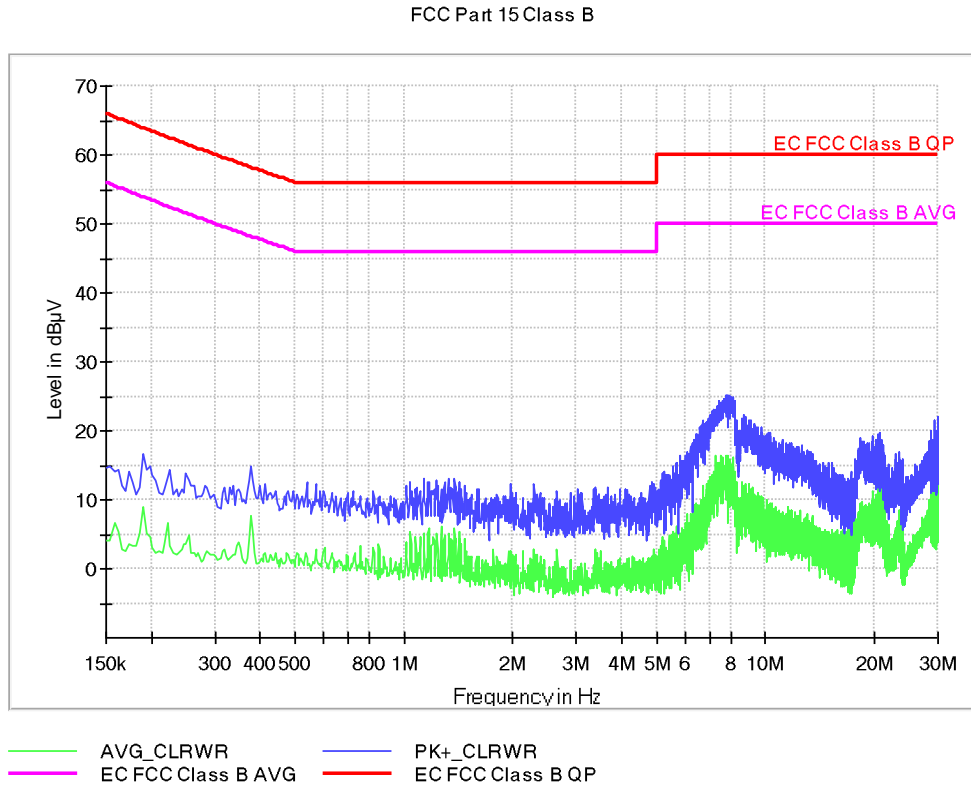
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.850000	24.7	14.3	N

EMC Test Code = CE0112L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/12. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 5. Power supply: 115Vac, 60Hz

Images:



Documents:

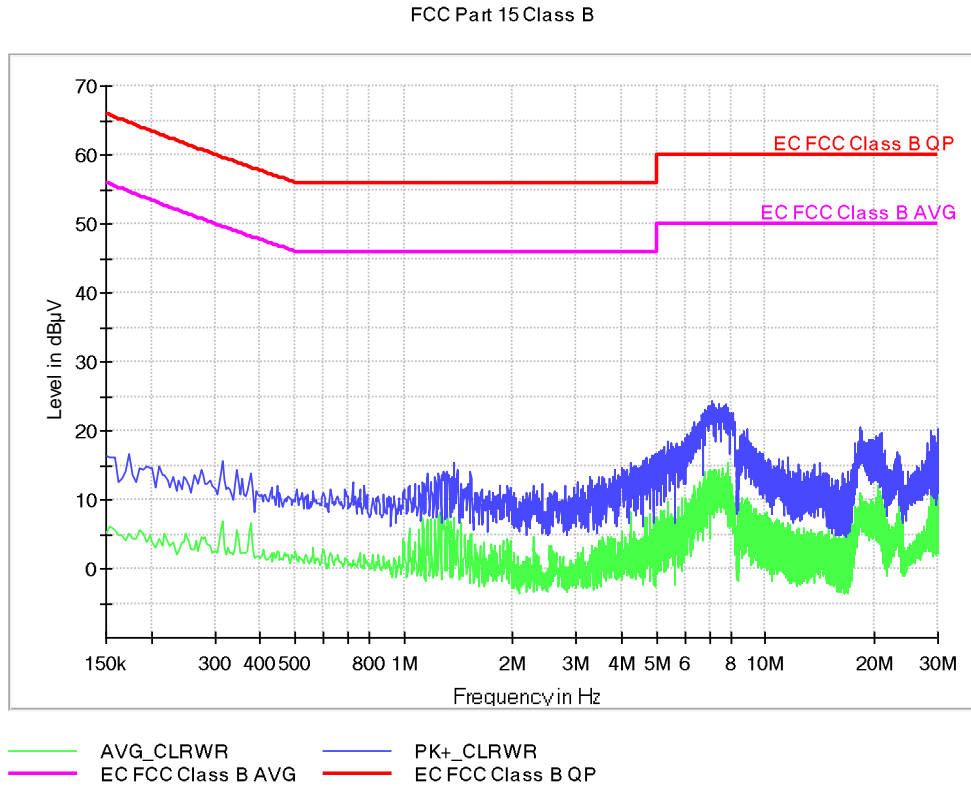
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.914000	25.2	15.9	L1

EMC Test Code = CE0113N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/13. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 7. Power supply: 115Vac, 60Hz

Images:



Documents:

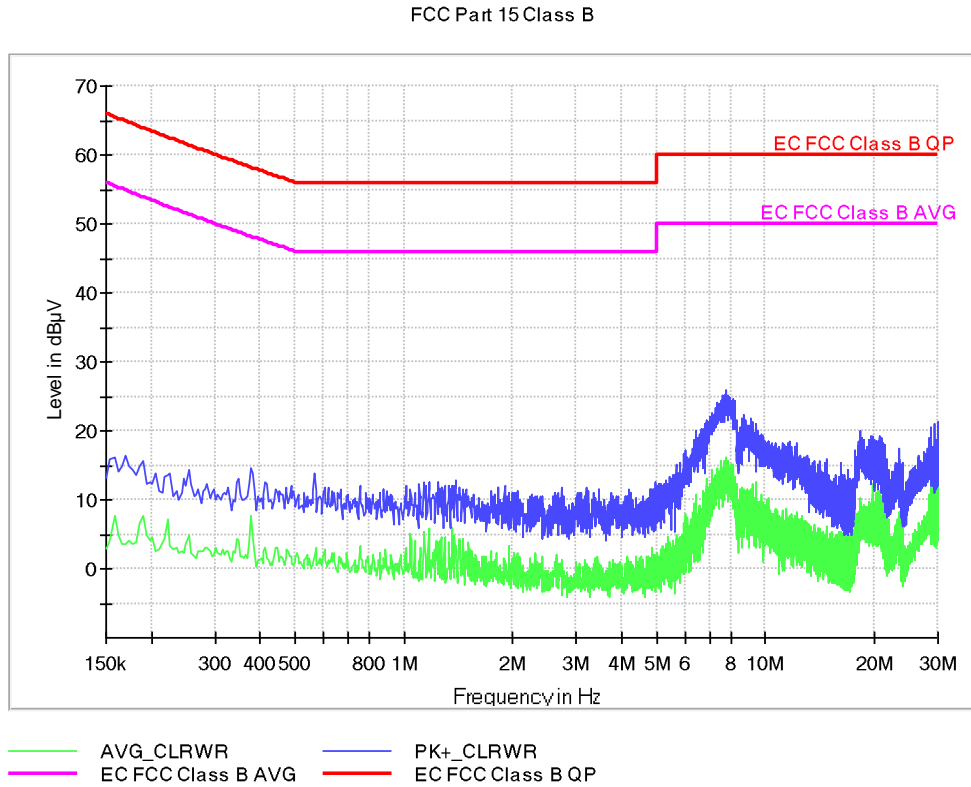
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.146000	24.3	13.4	N

EMC Test Code = CE0113L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/13. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 7. Power supply: 115Vac, 60Hz

Images:



Documents:

Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.746000	26.0	14.3	L1

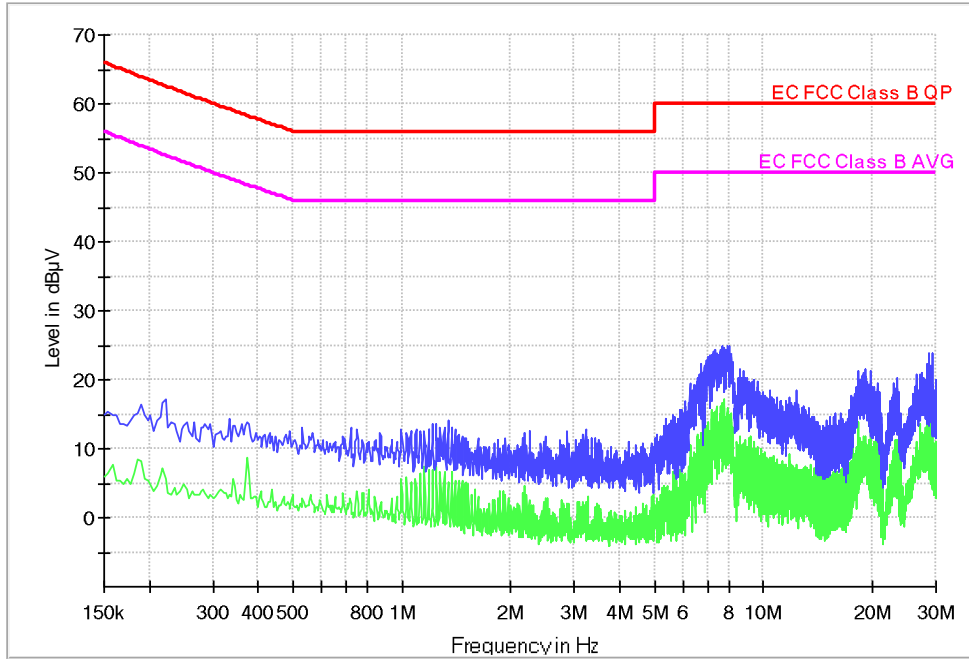
EMC Test Code = CE0114N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/14. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 12. Power supply: 115Vac, 60Hz

Images:

FCC Part 15 Class B



— AVG_CLRWR — PK+_CLRWR
— EC FCC Class B AVG — EC FCC Class B QP

Documents:

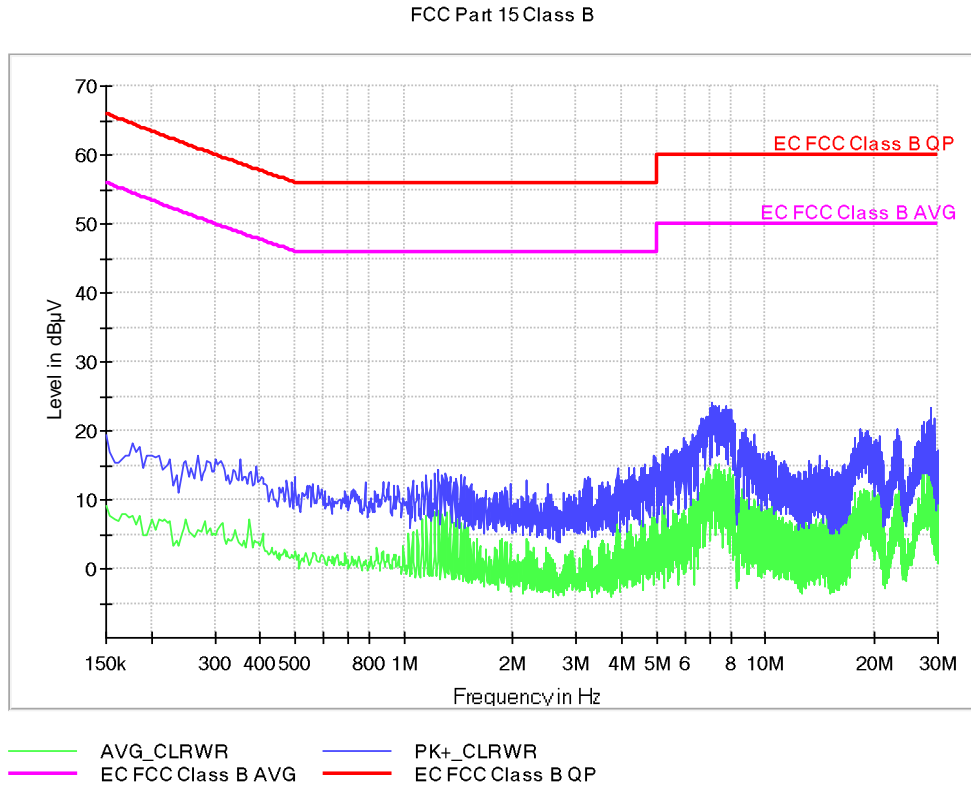
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.946000	25.0	12.4	N

EMC Test Code = CE0114L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/14. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 12. Power supply: 115Vac, 60Hz

Images:



Documents:

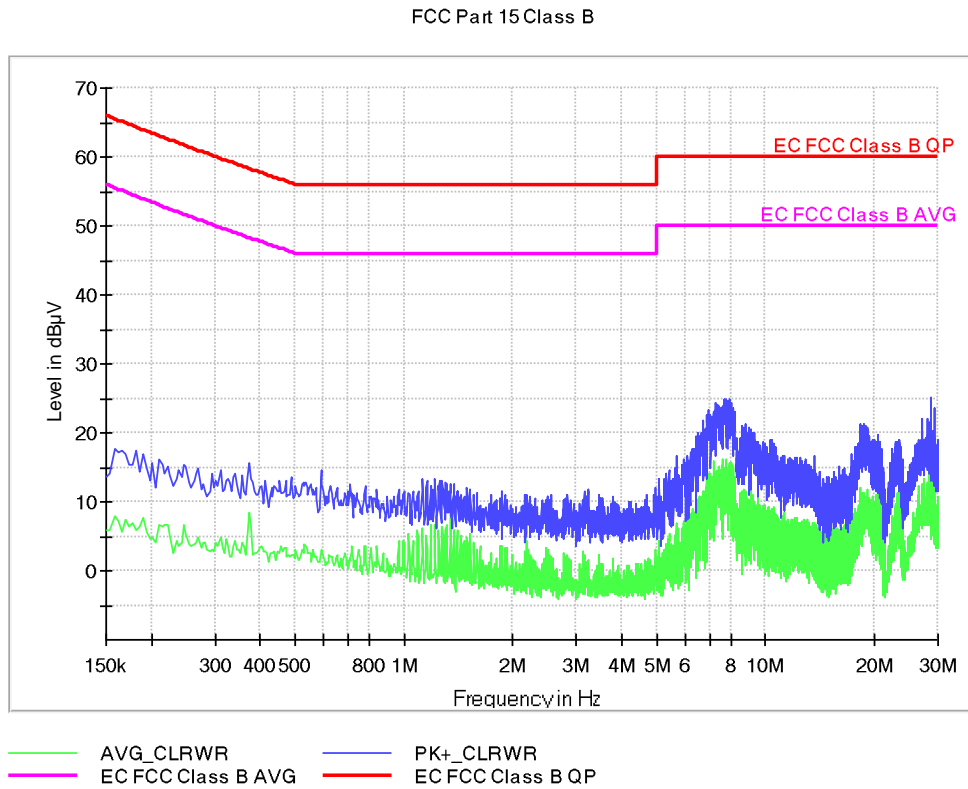
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
7.098000	24.0	11.2	L1

EMC Test Code = CE0115N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/15. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 13. Power supply: 115Vac, 60Hz

Images:



Documents:

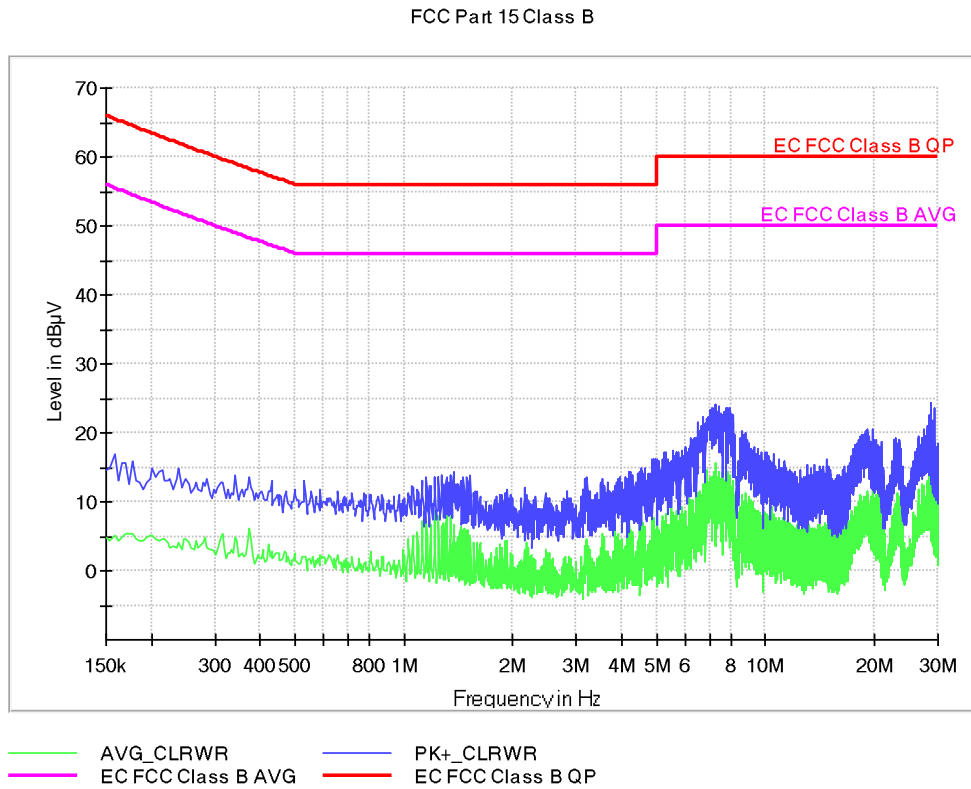
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
28.686000	25.1	19.0	N

EMC Test Code = CE0115L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/15. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 13. Power supply: 115Vac, 60Hz

Images:



Documents:

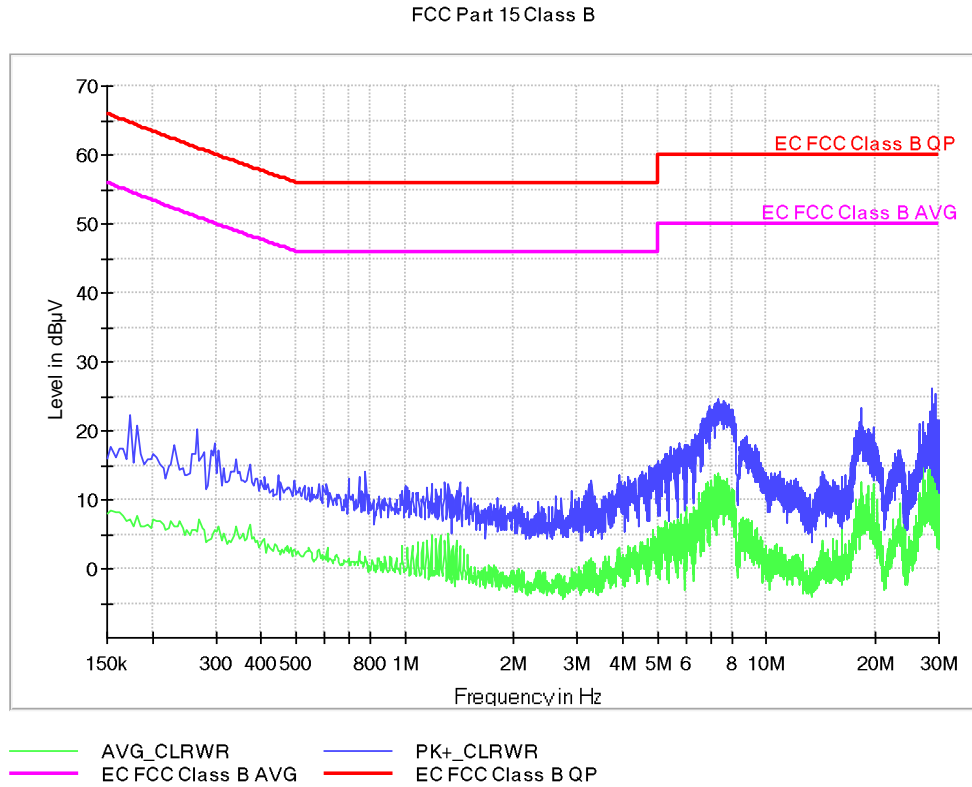
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
28.686000	24.4	18.5	L1

EMC Test Code = CE0116N, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = N

Sample ID: S/01

Operation Mode: OM/16. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 41. Power supply: 115Vac, 60Hz

Images:



Documents:

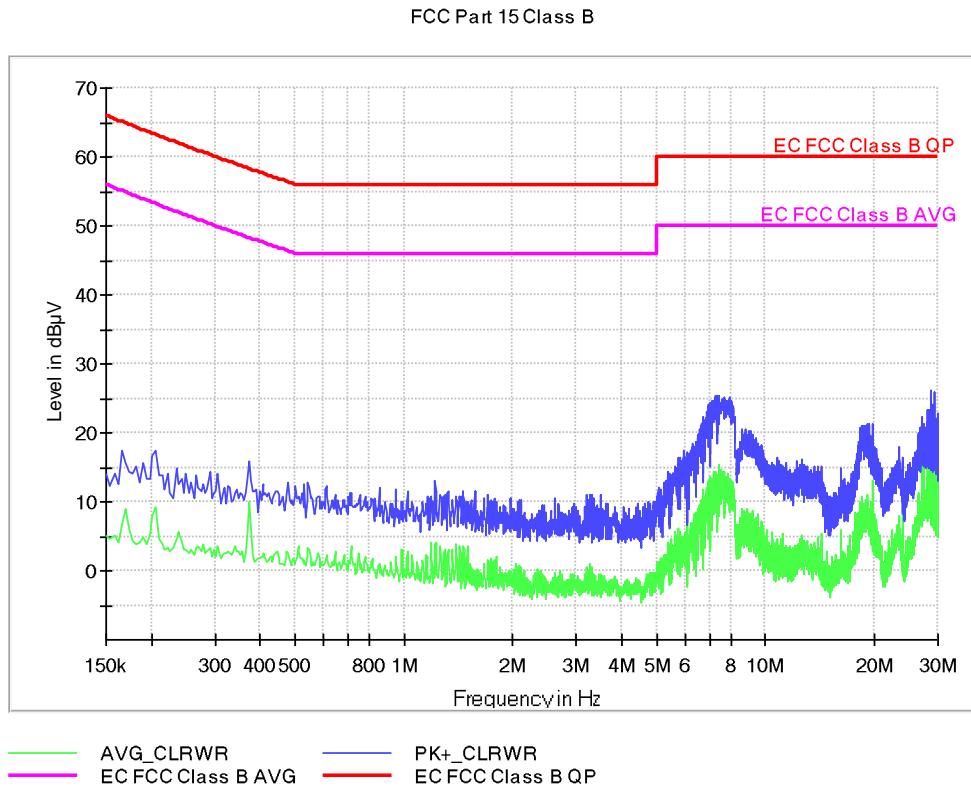
Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
28.686000	26.2	19.8	N

EMC Test Code = CE0116L1, Frequency Range MHz = [0.15, 30], Conducted Emissions - Tested Line = L1

Sample ID: S/01

Operation Mode: OM/16. EUT ON. Active treatment, set to maximum power and applicator air tube at maximum tube temperature. MS in traffic mode. LTE Band 41. Power supply: 115Vac, 60Hz

Images:



Documents:

Frequency (MHz)	PK+_CLRWR (dBµV)	AVG_CLRWR (dBµV)	Line
28.686000	26.1	20.1	L1