RADIO REPORT

FCC 47 CFR Part 15C
ISED Canada RSS-247

Frequency hopping systems operating within the 2400 – 2483.5 MHz band

Report Reference No	G0M-1701-6190-TFC247BT-V01	
Testing Laboratory	Eurofins Product Service GmbH	
Address	Storkower Str. 38c 15526 Reichenwalde Germany	
Accreditation	A2LA Accredited Testing Laboratory, Certificate No.: 1983.01 FCC Filed Test Laboratory, Reg.-No.: 96970 ISED OATS Filing assigned code: 3470A	
Applicant	Kamstrup A/S	
Address	Industrivej 28 8660 Skanderborg DENMARK	
Test Specification	According to FCC/IC rules	
Standard	47 CFR Part 15C RSS-247, Issue 1, 2015-05 ANSI C63.10:2013	
Non-Standard Test Method	None	
Test scope	partial Radio compliance test	
Equipment under Test (EUT):		
Product Description	READy Converter for US/Canada market	
Model(s)	READy Converter	
Additional Model(s)	None	
Brand Name(s)	READy Converter	
Hardware Version(s)	55501455-D3	
Software Version(s)	50981365-B1 / 55141586-B1	
	FCC-ID: OUY-READYAMR3	IC: 22376-READYAMR3
Test Result	**PASSED**	

Possibe test case verdicts:	
required by standard but not tested	N/T
not required by standard	N/R
test object does meet the requirement	P(PASS)
test object does not meet the requirement	F(FAIL)
Testing:	
Test Lab Temperature	20 - 23 °C
Test Lab Humidity	32 – 38 %
Date of receipt of test item	2017-02-13
Date (s) of performance of tests	2017-02-14 – 2017-02-15
Report:	

Compiled by	Sebastian Suckow	
Tested by (+ signature) (Responsible for Test)	Sebastian Suckow	.....
Approved by (+ signature) (Head of Lab)	Christian Weber	.....
Date of Issue	2017-03-08	
Total number of pages	92	

General Remarks:
The test results presented in this report relate only to the object tested. **The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.** This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
Additional Comments:

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2017-03-08	Initial Release	

ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
BR	Bluetooth Basic Rate mode
EDR	Bluetooth Enhanced Data Rate mode
EUT	Equipment Under Test
FCC	Federal Communications Commission
ISED	Innovation, Science and Economic Development Canada
RBW	Resolution bandwidth
RMS	Root mean square
VBW	Video bandwidth
V_{NOM}	Nominal supply voltage

REPORT INDEX

1 Equipment (Test Item) Under Test

Description	READy Converter for US/Canada market	
Model	READy Converter	
Additional Model(s)	None	
Brand Name(s)	READy Converter	
Serial Number(s)	None	
Hardware Version(s)	55501455-D3	
Software Version(s)	50981365-B1 / 55141586-B1	
Equipment type	End Product	
Radio type	Transceiver	
Assigned frequency bands	2400 - 2483.5 MHz	
Radio technology	Bluetooth	
Modulation	GFSK, PI/4-DQPSK, 8-DPSK	
Number of antenna ports	1	
Radio Module	Type	Bluetooth 2.1+EDR Module
	Model	PAN 1322
	Manufacturer	Panasonic
	HW Version	02
	SW Version	3.1
	FCC-ID	T7VEBMU
	ISED-ID	216QEBMU
Antenna	Type	Integrated
	Model	LDA21K
	Manufacturer	Murata
	Gain	0.9 dBi
Supply Voltage	V_{NOM}	5.0 VDC
Operating Temperature	T_{NOM}	25 °C
Manufacturer	Kamstrup A/S Industrivej 28 8660 Skanderborg DENMARK	

1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
SIM	Communication Tester	R&S	CMW270	Used for signaling
Description:				
AE	Auxillary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
Comment:				

1.5 Test mode duty cycle

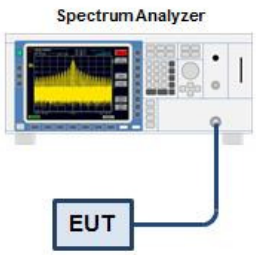
1.5.1 Information

Test Information	
Measurement Method	ANSI C63.10 11.6

1.5.2 Requirements

Requirements	
Duty cycle	Duty cycle correction
≥ 98 %	No correction required
< 98 %	Correction required (10 x Log_{10}(1/DC)

1.5.3 Setup

Test Setup


1.5.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2016-03	2017-03

1.5.5 Procedure

Test Procedure
1. EUT set to test mode 2. Span is set to zero span 3. Detector set to peak 4. Sweep time is set long enough to capture at least 5 bursts 5. Envelope peak value of emission spectrum is selected 6. The maximum burst duration T_{ON} is measured using two markers set to the start and the end of the longest burst 7. The minimum idle duration T_{OFF} is measured using two markers set to the start and the end of the shortest idle period 8. The duty cycle is calculated by DC = T_{ON} / (T_{ON} + T_{OFF}) 9. The duty cycle correction is calculated by DC = 10 x Log_{10}(T_{ON} / (T_{ON} + T_{OFF}))

1.5.6 Results

Duty Cycle Results		
Mode	Duty Cycle	Correction Factor [dB]
BT DH5	100%	N/R
BT 2-DH5	100%	N/R
BT 3-DH5	100%	N/R

1.6 Test Modes

Mode	Description	
DH5 Single	General Conditions:	EUT powered by battery
	Radio Conditions:	Mode = Transmit Modulation = GFSK Spreading = None Packet type = DH5
2-DH5 Single	General Conditions:	EUT powered by battery
	Radio Conditions:	Mode = Transmit Modulation = π/4-DQPSK Packet type = 2DH5 Data rate = 2 Mbps
3-DH5 Single	General Conditions:	EUT powered by battery
	Radio Conditions:	Mode = Transmit Spreading = Hopping stopped (single hopping channel) Modulation = 8-DPSK Packet type = 3DH5 Data rate = 3 Mbps
Receive	General Conditions:	EUT powered EUT powered by battery
	Radio Conditions:	Mode = Receive
Comment:		

1.7 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx / Rx	0	2402
F2	Tx / Rx	39	2441
F4	Tx / Rx	78	2480

1.8 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in dBµV. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

Reading on Analyzer (dBµV) + A.F. (dB) = Net field strength (dBµV/m)

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dBµV/m). The FCC limits are given in units of µV/m. The following formula is used to convert the units of µV/m to dBµV/m:

Limit (dBµV/m) = 20*log (µV/m)

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:

Reading + AF	= Net Reading	:	Net reading	- FCC limit	= Margin
+21.5 dBµV	+ 26 dB = 47.5 dBµV/m	:	47.5 dBµV/m	- 57.0 dBµV/m	= -9.5 dB

2 Result Summary

FCC 47 CFR Part 15C, ISED RSS-210				
Product Standard Reference	**Requirement**	**Reference Method**	**Result**	**Remarks**
RSS-Gen 6.6	Occupied Bandwidth	ANSI C63.10	N/R	Informational only
FCC § 15.247(a)(1) ISED RSS-247 § 5.1	20 dB Bandwidth	ANSI C63.10	N/T	
FCC § 15.247(a)(1)(iii) ISED RSS-247 § 5.1	Number of hopping frequencies	ANSI C63.10	N/T	
FCC § 15.247(a)(1) ISED RSS-247 § 5.1	Frequency hopping channel separation	ANSI C63.10	N/T	
FCC § 15.247(a)(1)(iii) ISED RSS-247 § 5.1	Time of occupancy (Dwell time)	ANSI C63.10	N/T	
FCC § 15.247(b)(1) ISED RSS-247 § 5.4	Maximum peak conducted power	ANSI C63.10	N/T	
FCC § 15.207 ISED RSS-247 § 3.1	AC power line conducted emissions	ANSI C63.10	N/T	
FCC § 15.247(d) ISED RSS-247 § 5.5	Band edge compliance	ANSI C63.10	N/T	
FCC § 15.247(d) ISED RSS-247 § 5.5	Conducted spurious emissions	ANSI C63.10	N/T	
FCC § 15.247(d) FCC § 15.209 ISED RSS-247 § 5.5	Transmitter radiated spurious emissions	ANSI C63.10	PASS	
ISED RSS-247 § 3.1	Receiver radiated spurious emissions	ANSI C63.10	PASS	
Comment:				

Possible Test Case Verdicts	
PASS	Test object does meet the requirements
FAIL	Test object does not meet the requirements
N/T	Required by standard but not tested
N/R	Not required by standard for the test object

3 Test Conditions and Results

3.1 Test Conditions and Results - Occupied bandwidth

3.1.1 Information

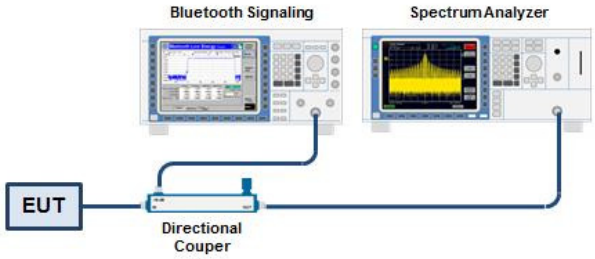
Test Information	
Reference	ISED RSS-Gen 6.6
Measurement Method	ANSI C63.10 6.9.3

3.1.2 Limits

Limits
None (Informational only)

3.1.3 Setup

Test Setup



3.1.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2016-03	2017-03

3.1.5 Procedure

Test Procedure

1. EUT transmitter is activated in test mode under normal conditions
2. The spectrum analyzer is set to peak detection and maximum hold with a span twice the emission spectrum
3. The resolution bandwidth is set to 1 % of the bandwidth
4. The occupied bandwidth is measured with the build-in analyzer function

3.1.6 Results

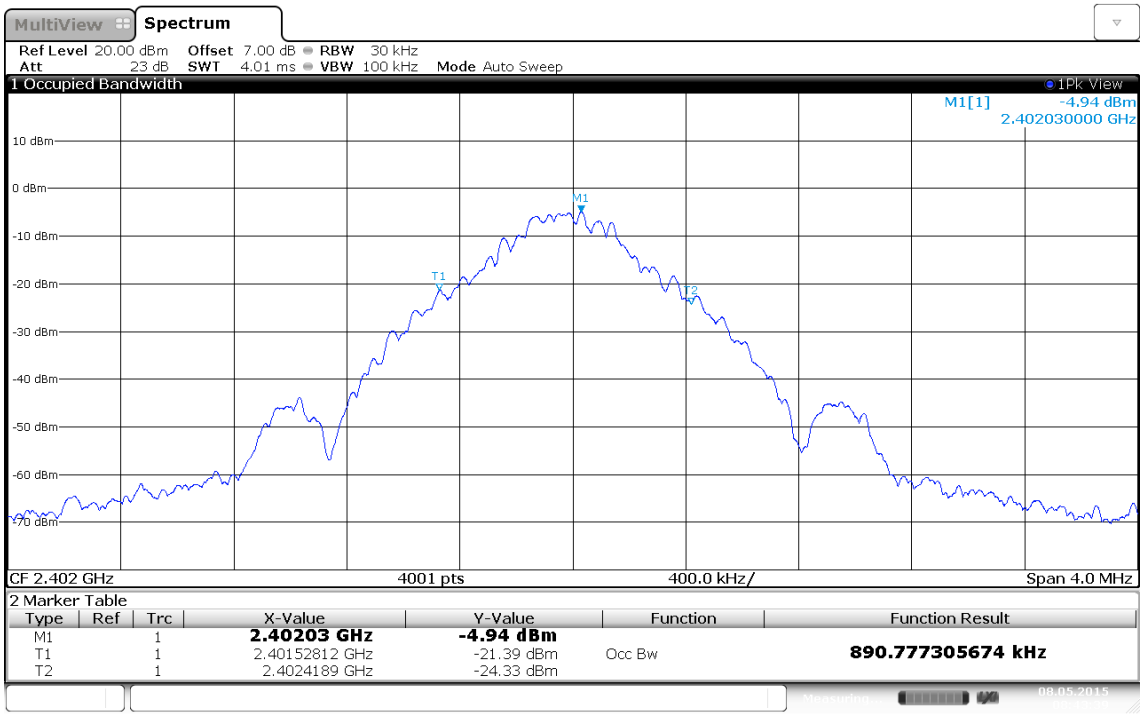
Test Results		
Mode	Frequency [MHz]	Bandwidth [MHz]
DH5	2402	0.890
DH5	2441	0.885
DH5	2480	0.887
2-DH5	2402	1.184
2-DH5	2441	1.191
2-DH5	2480	1.184
3-DH5	2402	1.189
3-DH5	2441	1.184
3-DH5	2480	1.188

Occupied bandwidth – DH5 - 2402 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2402 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)



Occupied bandwidth: 890.8 KHz

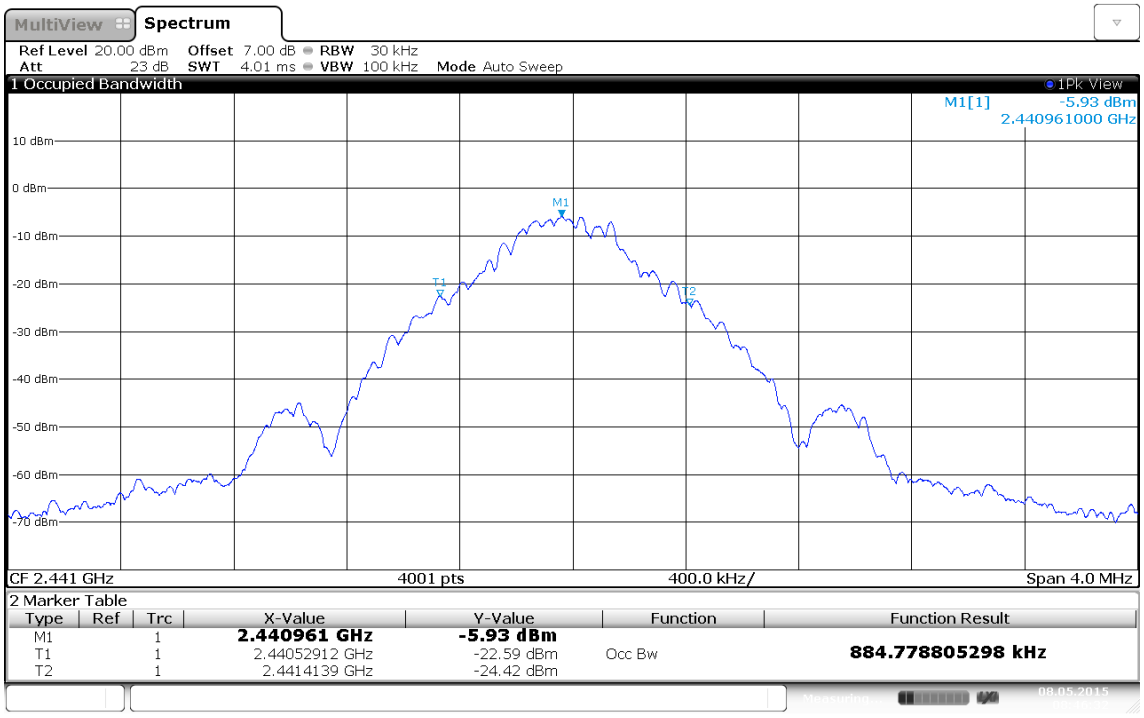
Date: 8.MAY.2015 08:43:39

Occupied bandwidth – DH5 - 2441 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2441 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)



Occupied bandwidth: 884.8 KHz

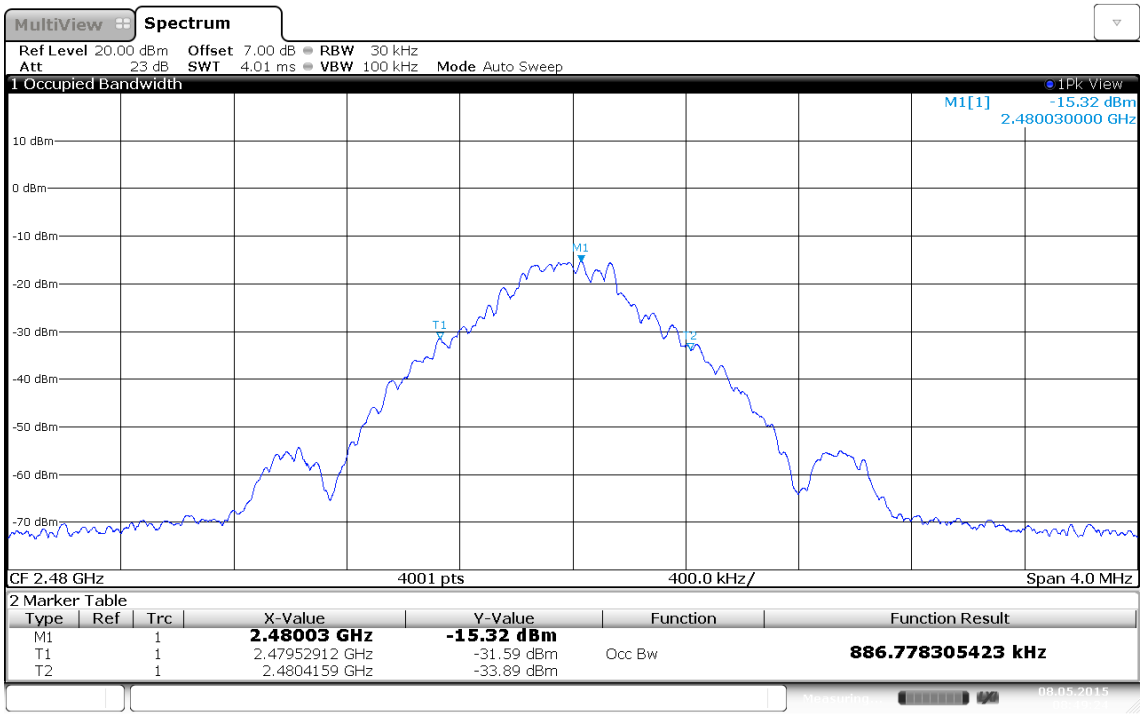
Date: 8.MAY.2015 08:46:32

Occupied bandwidth – DH5 - 2480 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2480 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)



Occupied bandwidth: 886.8 KHz

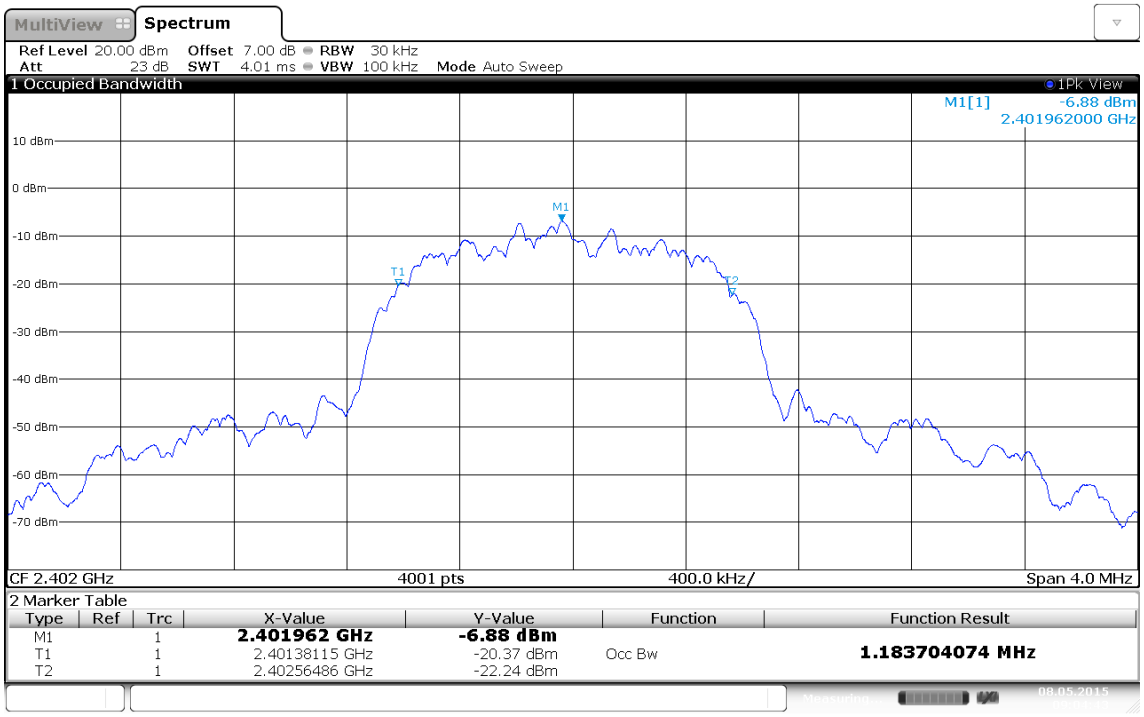
Date: 8.MAY.2015 08:49:24

Occupied bandwidth – 2-DH5 - 2402 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2402 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)



Occupied bandwidth: 1183.7 KHz

Date: 8.MAY.2015 09:04:43

Occupied bandwidth – 2-DH5 - 2441 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2441 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)

Occupied bandwidth: 1190.7 KHz

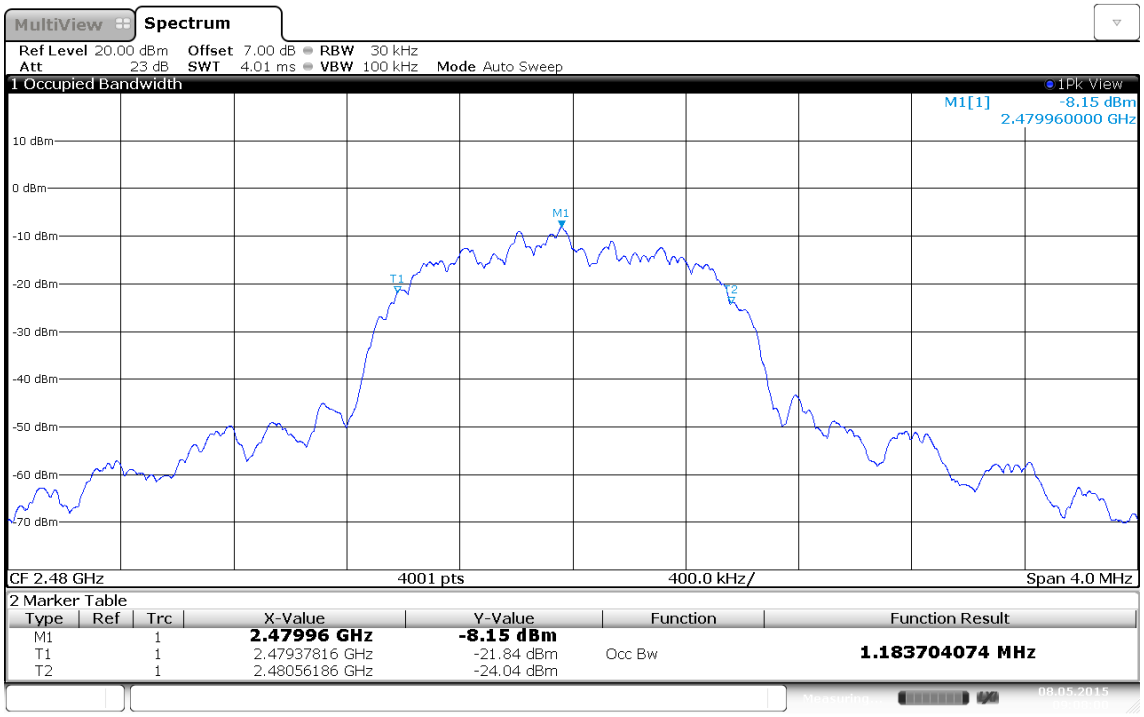
Date: 8.MAY.2015 09:06:22

Occupied bandwidth – 2-DH5 - 2480 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2480 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)



Occupied bandwidth: 1183.7 KHz

Date: 8.MAY.2015 09:08:00

Occupied bandwidth – 3-DH5 - 2402 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2402 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)

Occupied bandwidth: 1188.7 KHz

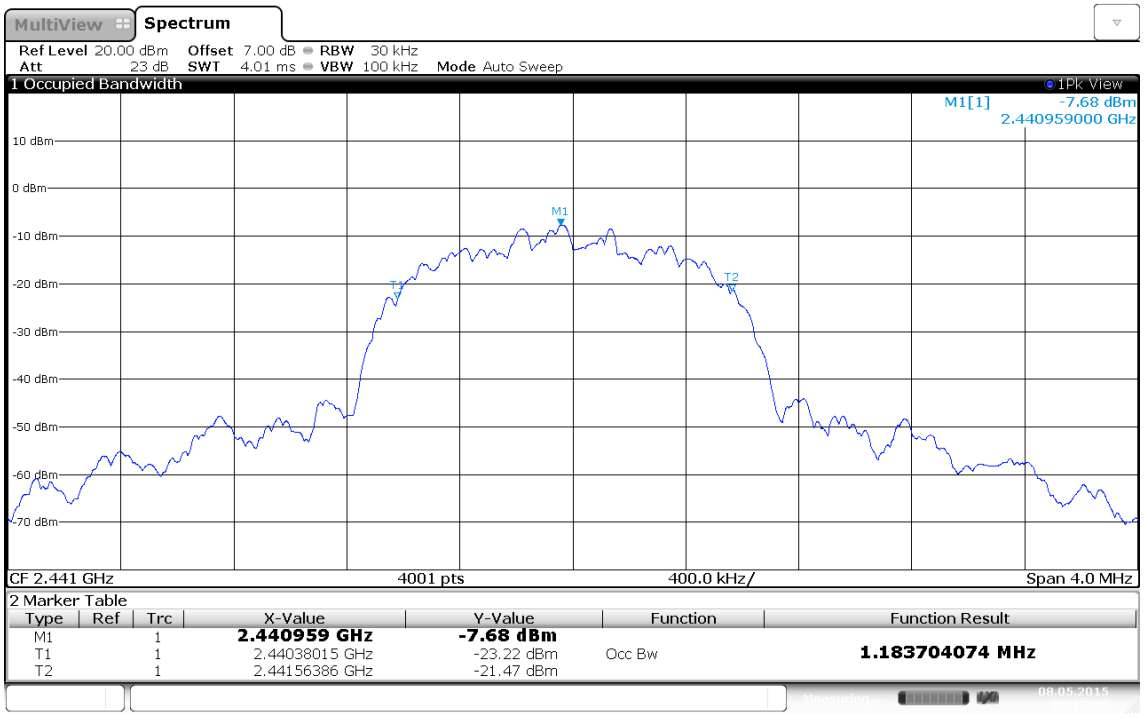
Date: 8.MAY.2015 09:11:09

Occupied bandwidth – 3-DH5 - 2441 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2441 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)



Occupied bandwidth: 1183.7 KHz

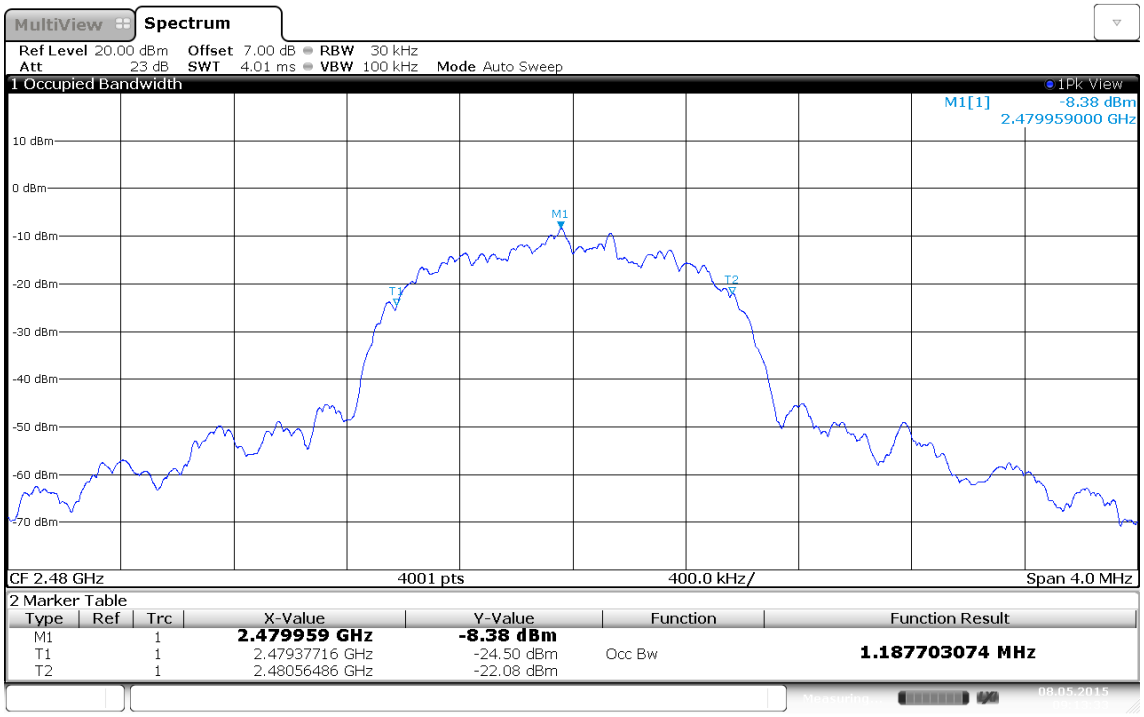
Date: 8.MAY.2015 09:12:35

Occupied bandwidth – 3-DH5 - 2480 MHz

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, GFSK, 2480 MHz, modulated
Test Date:	2017-02-15
Verdict:	NONE (INFORMATION ONLY)



Occupied bandwidth: 1187.7 KHz

Date: 8.MAY.2015 09:13:33

3.2 Test Conditions and Results - AC powerline conducted emissions

3.2.1 Information

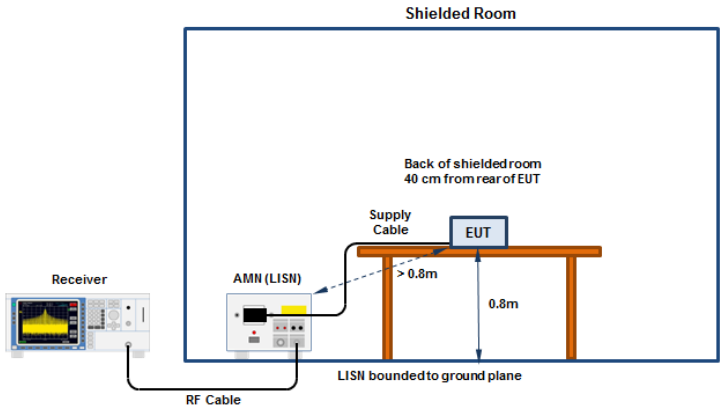
Test Information	
Reference	FCC 15.207
Measurement Method	ANSI C63.10 6.2

3.2.2 Limits

Limits		
Frequency [MHz]	Quasi-Peak [dBµV]	Average [dBµV]
0.15 - 0.5	66 - 56*	56 - 46*
0.5 - 5	56	46
5 - 30	60	50
* Limit decreases linearly with the logarithm of the frequency		

3.2.3 Setup

Test Setup



3.2.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
EMI Receiver	R&S	ESR7	EF00943	2016-10	2017-10
LISN	R&S	ESH2-Z5	EF00182	2017-01	2019-01
LISN	R&S	ESH3-Z5	EF00036	2017-01	2019-01

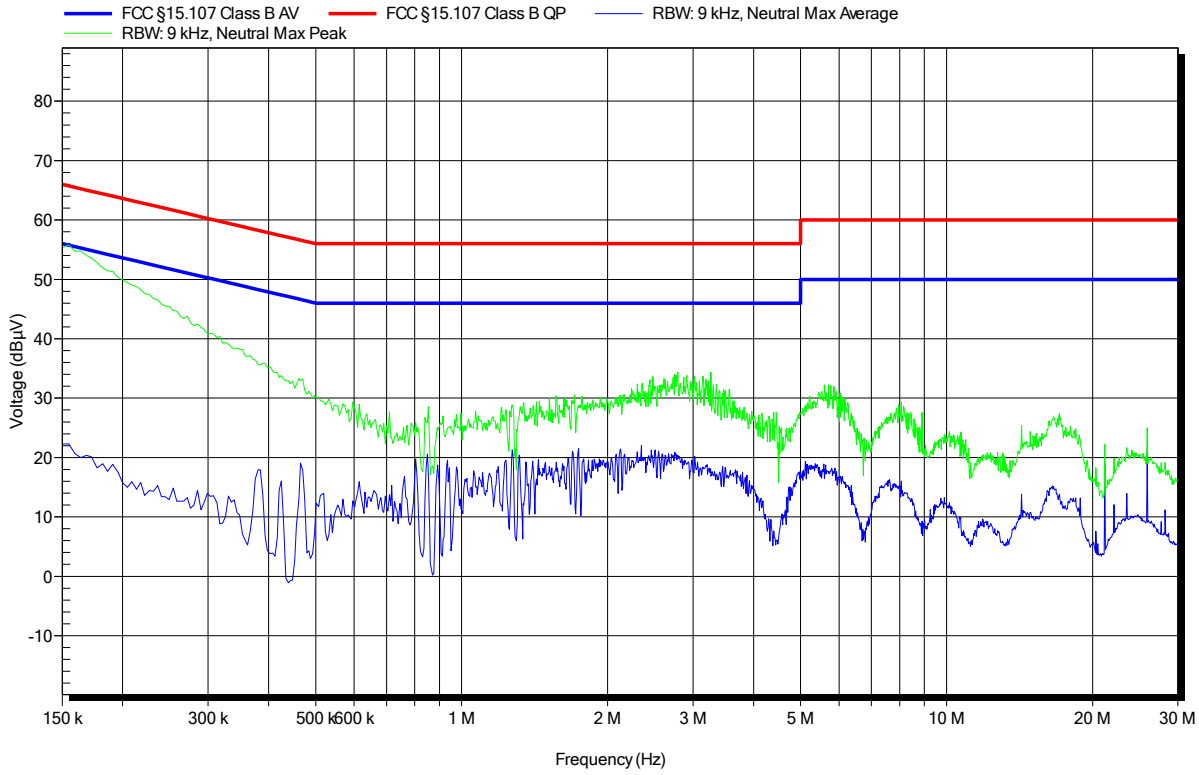
Conducted Emissions A

EMI voltage test in the ac-mains according to FCC 15B

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Unom: 120V AC
LISN:	ESH2-Z5 N
Mode:	Mode# 2
Test Date:	2017-02-15
Note:	

Index 78



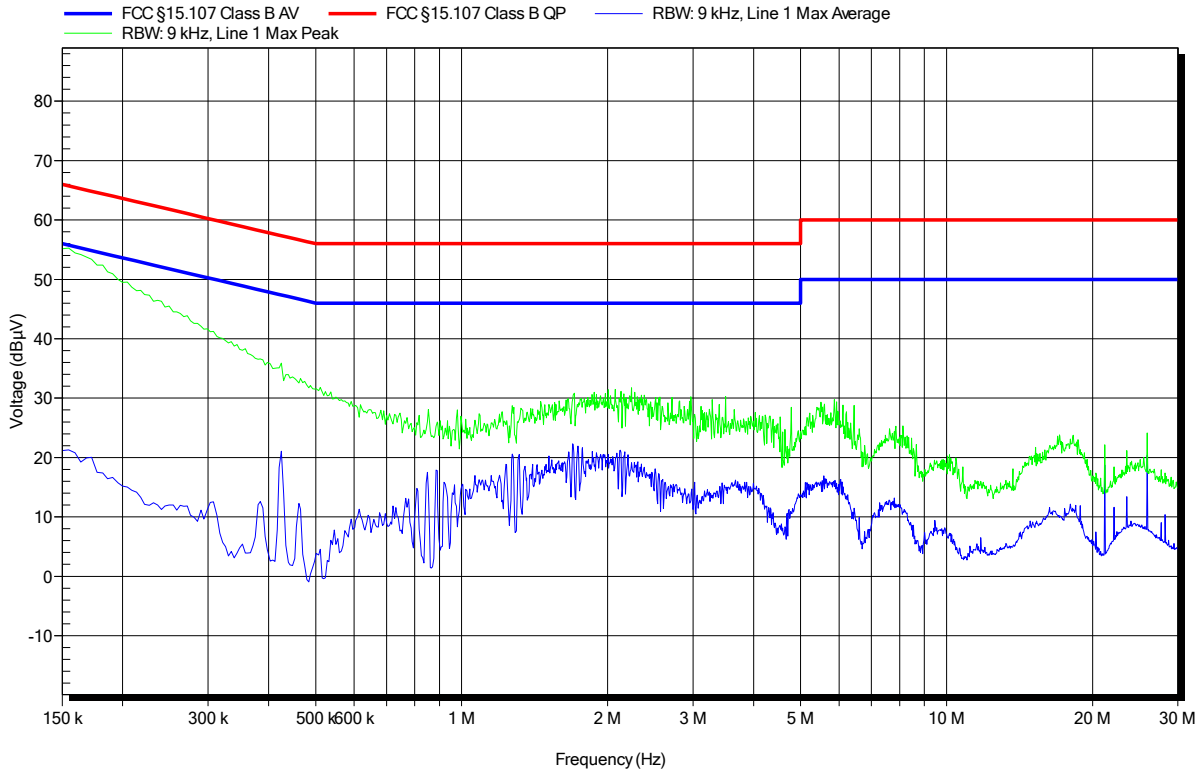
Conducted Emissions B

EMI voltage test in the ac-mains according to FCC 15B

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Unom: 120V AC
LISN:	ESH2-Z5 L
Mode:	Mode# 2
Test Date:	2017-02-15
Note:	

Index 79



3.3 Test Conditions and Results - Transmitter radiated emissions

3.3.1 Information

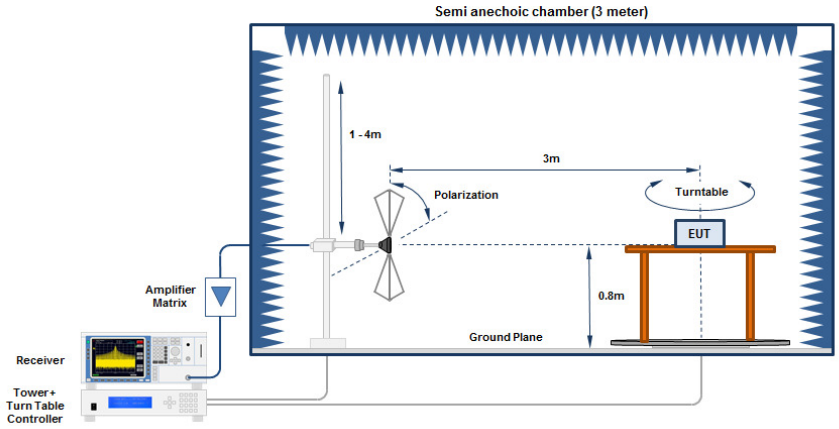
Test Information	
Reference	FCC 15.247(d) / ISED RSS-247 5.5
Measurement Method	ANSI C63.10 6.4, 6.5, 6.6

3.3.2 Limits

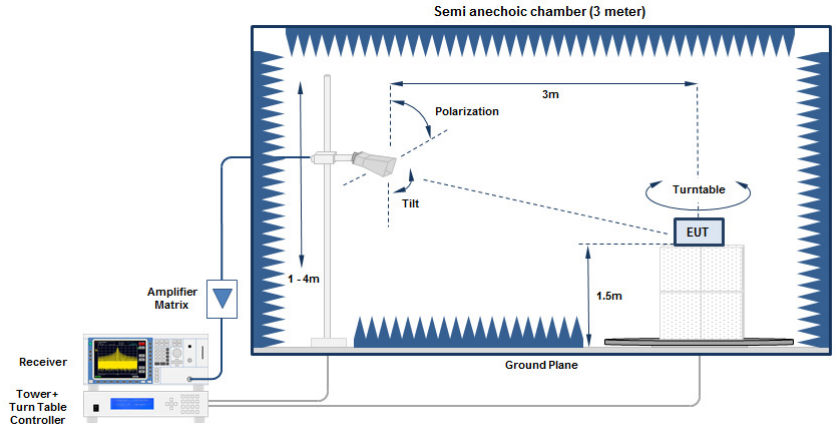
Limits		
Frequency [MHz]	Field strength [dBµV/m]	Measurement distance [m]
0.009 - 0.490	2400/F[kHz]	300
0.490 - 1.705	24000/F[kHz]	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
> 960	500	3

3.3.3 Setup

Test Setup 30 - 1000 MHz



Test Setup > 1 GHz



3.3.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2016-01	2019-01
Measurement Receiver	R&S	MXE EMI Receiver	EF01070	2016-08	2017-08
Biconical Antenna	R&S	HK116	EF00203	2016-06	2018-06
LPD antenna	R&S	HL223	EF00187	2016-05	2019-05
Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2016-01	2019-01
Measurement Receiver	R&S	MXE EMI Receiver	EF01070	2016-08	2017-08
Horn antenna	Schwarzbeck	BBHA9120D	EF00019	2016-09	2018-09
Horn antenna	Amplifier Research	ATH18G40	EF01152	2016-09	2017-09

3.3.5 Procedure

Test Procedure 30 - 1000 MHz
1. EUT is placed on a non-conducting support at the center of a turn table 0.8 m above the ground 2. EUT set to test mode 3. The receiver is set to peak detection with max hold 4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m 5. All significant emissions are measured again using the corresponding final detector
Test Procedure > 1 GHz
1. EUT is placed on a non-conducting support at the center of a turn table 1.5 m above the ground 2. EUT set to test mode 3. The receiver is set to peak detection with max hold 4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m 5. All significant emissions are measured again using the corresponding final detector

3.3.6 Results

Test Results						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2402	No significant spurious emissions					
2441	No significant spurious emissions					
2480	4952	41.39	pk	ver	74.00	-32.61

3.4 Test Conditions and Results - Receiver radiated emissions

3.4.1 Information

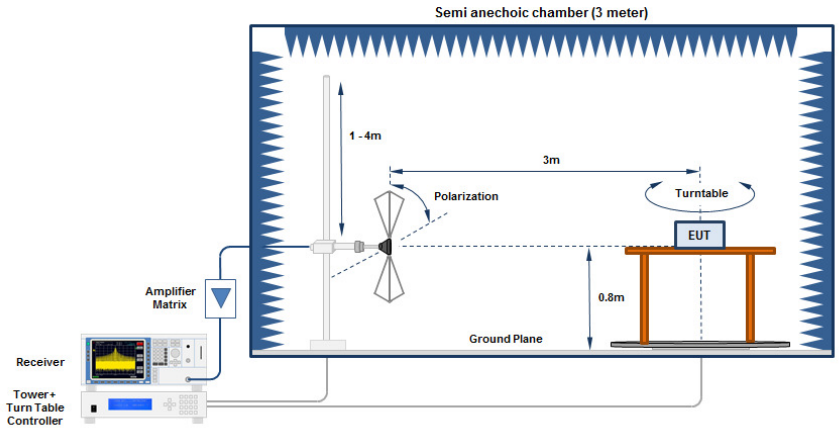
Test Information	
Reference	ISED RSS-247 3.1
Measurement Method	ANSI C63.10 6.5, 6.6

3.4.2 Limits

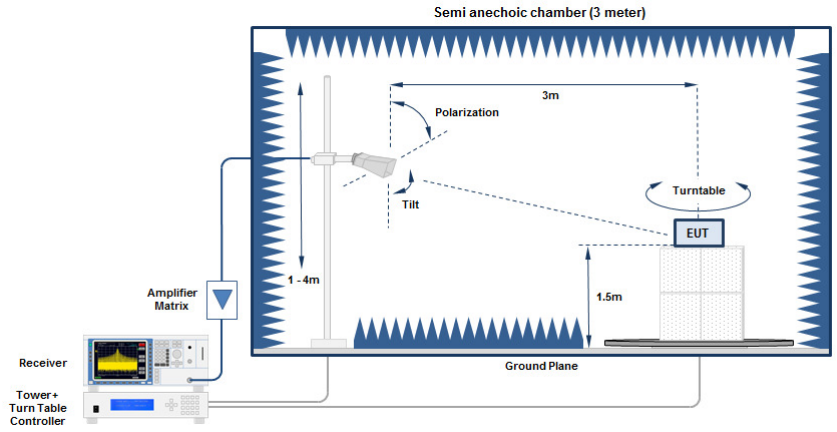
Limits		
Frequency [MHz]	Field strength [dBµV/m]	Measurement distance [m]
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
> 960	500	3

3.4.3 Setup

Test Setup 30 - 1000 MHz



Test Setup > 1 GHz



3.4.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2016-01	2019-01
Measurement Receiver	R&S	MXE EMI Receiver	EF01070	2016-08	2017-08
Biconical Antenna	R&S	HK116	EF00203	2016-06	2018-06
LPD antenna	R&S	HL223	EF00187	2016-05	2019-05
Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2016-01	2019-01
Measurement Receiver	R&S	MXE EMI Receiver	EF01070	2016-08	2017-08
Horn antenna	Schwarzbeck	BBHA9120D	EF00019	2016-09	2018-09
Horn antenna	Amplifier Research	ATH18G40	EF01152	2016-09	2017-09

3.4.5 Procedure

Test Procedure 30 - 1000 MHz
1. EUT is placed on a non-conducting support at the center of a turn table 0.8 m above the ground
2. EUT set to test mode
3. The receiver is set to peak detection with max hold
4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5. All significant emissions are measured again using the corresponding final detector

Test Procedure > 1 GHz
1. EUT is placed on a non-conducting support at the center of a turn table 1.5 m above the ground
2. EUT set to test mode
3. The receiver is set to peak detection with max hold
4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5. All significant emissions are measured again using the corresponding final detector

3.4.6 Results

Test Results						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2441	2398	44.54	pk	ver	53.98	-09.44

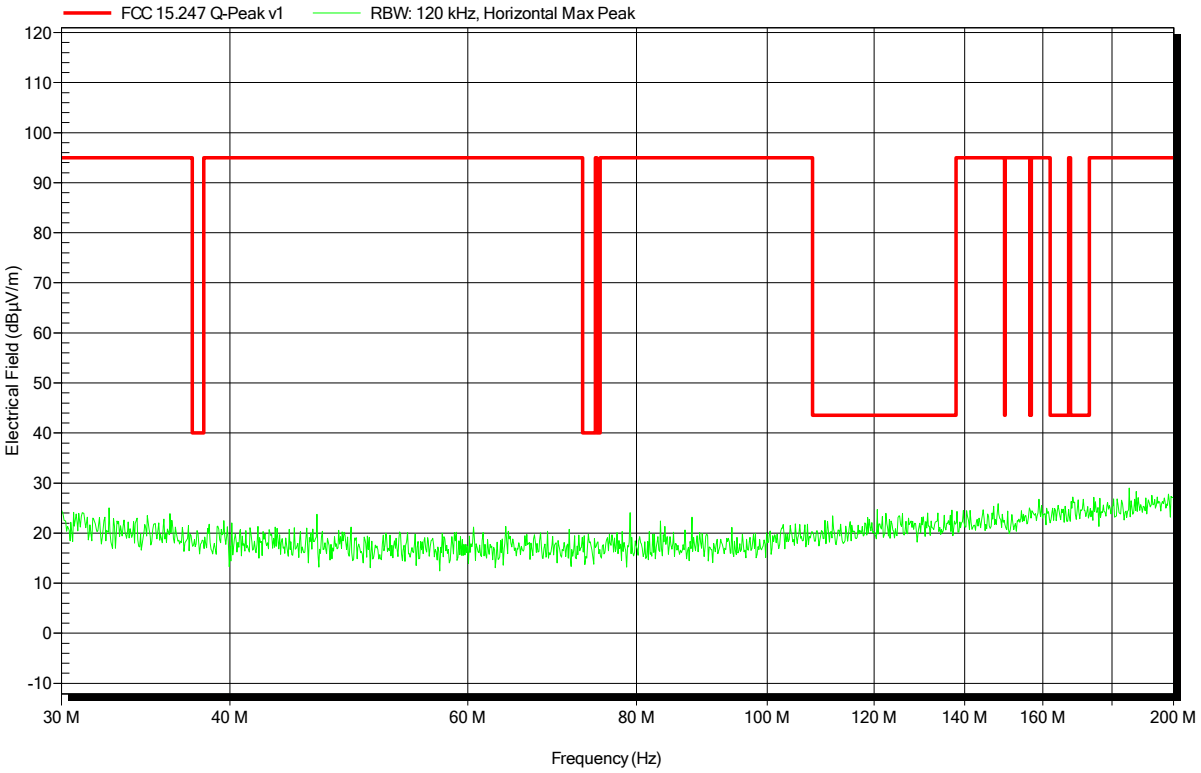
ANNEX A Transmitter sprurious emissions

Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; TX 2402 MHz, DH5
Test Date:	2017-02-14
Note:	

Index 31

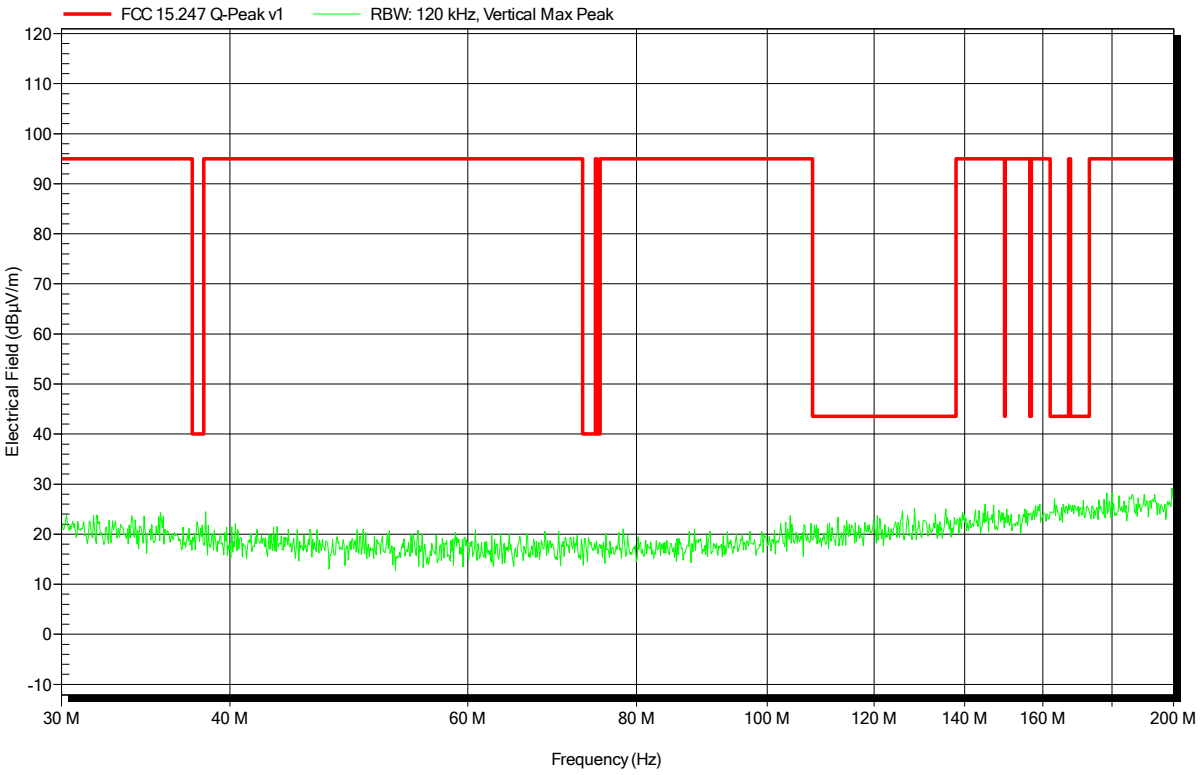


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; TX 2402 MHz, DH5
Test Date:	2017-02-14
Note:	

Index 36

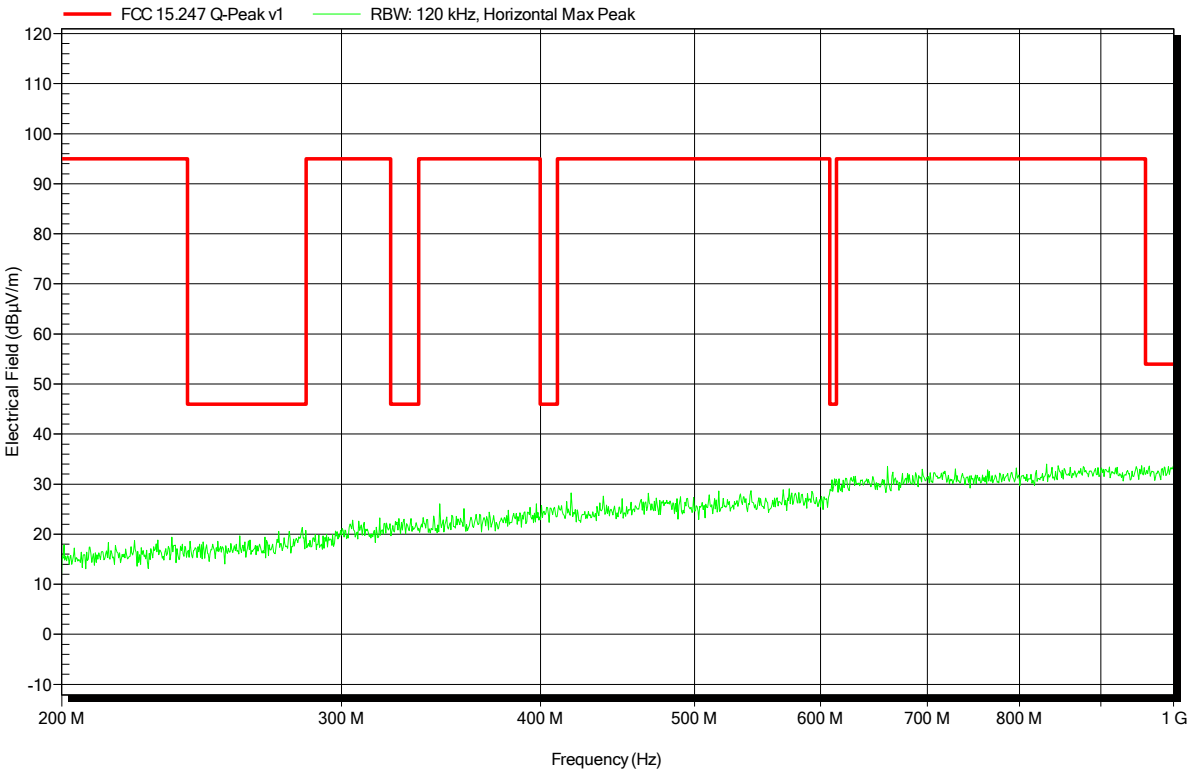


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; TX: 2402MHz
Test Date:	2017-02-14
Note:	

Index 62

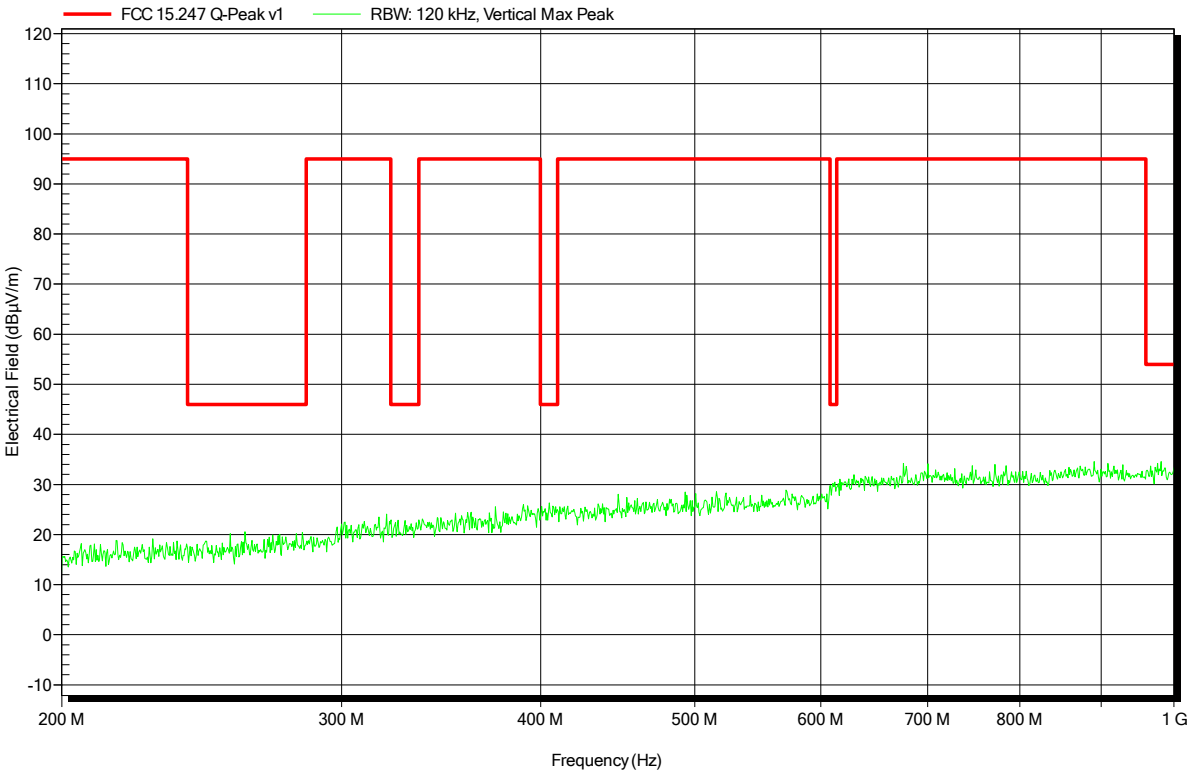


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; TX: 2402MHz
Test Date:	2017-02-14
Note:	

Index 67

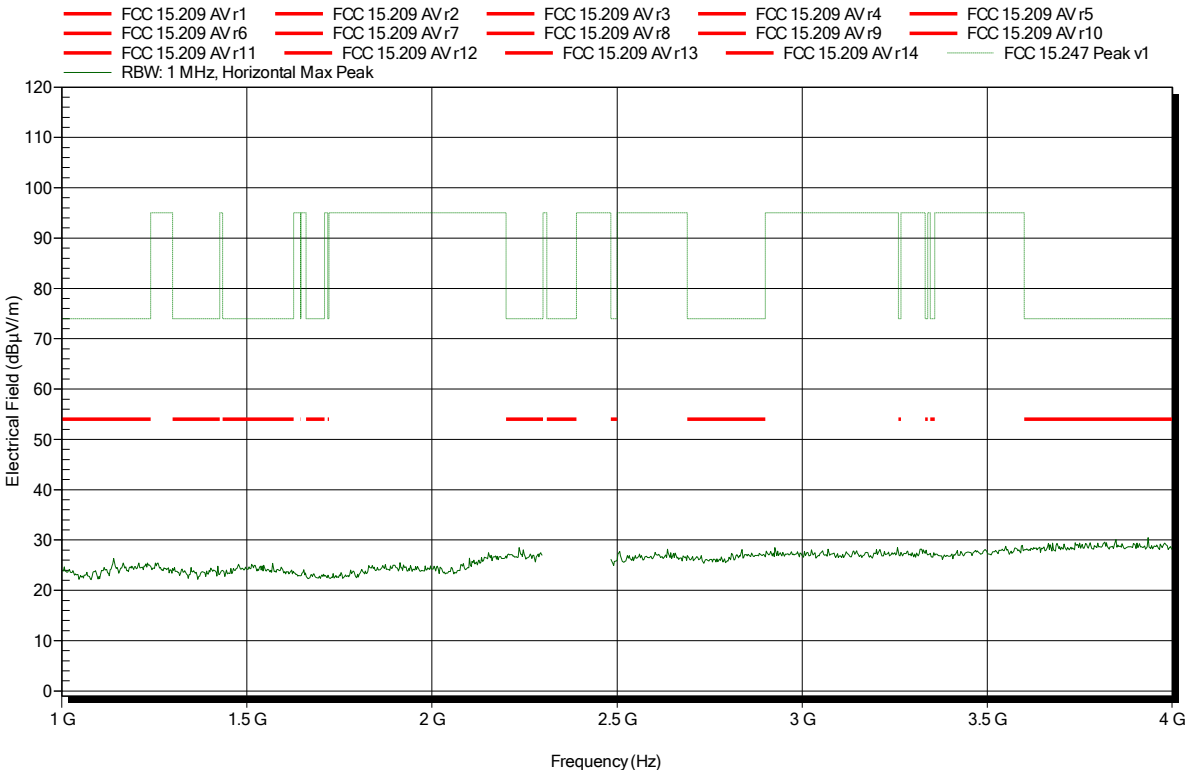


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	

Index 109

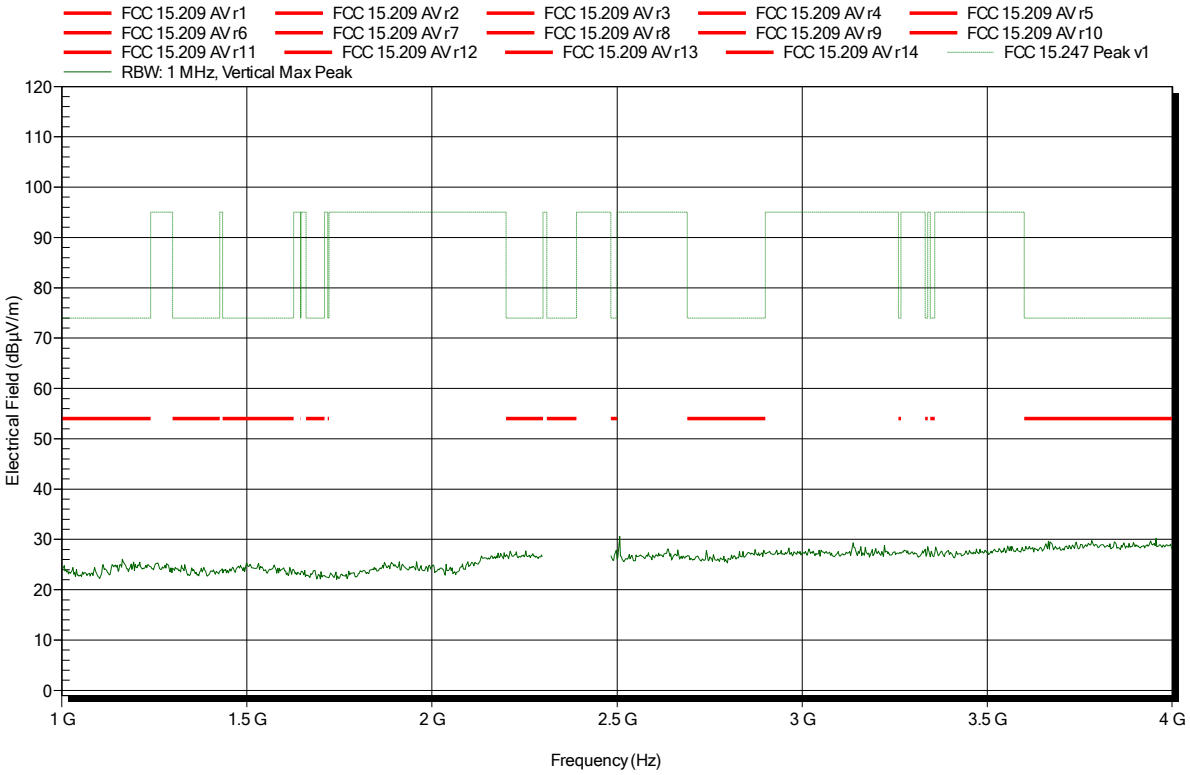


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	

Index 113

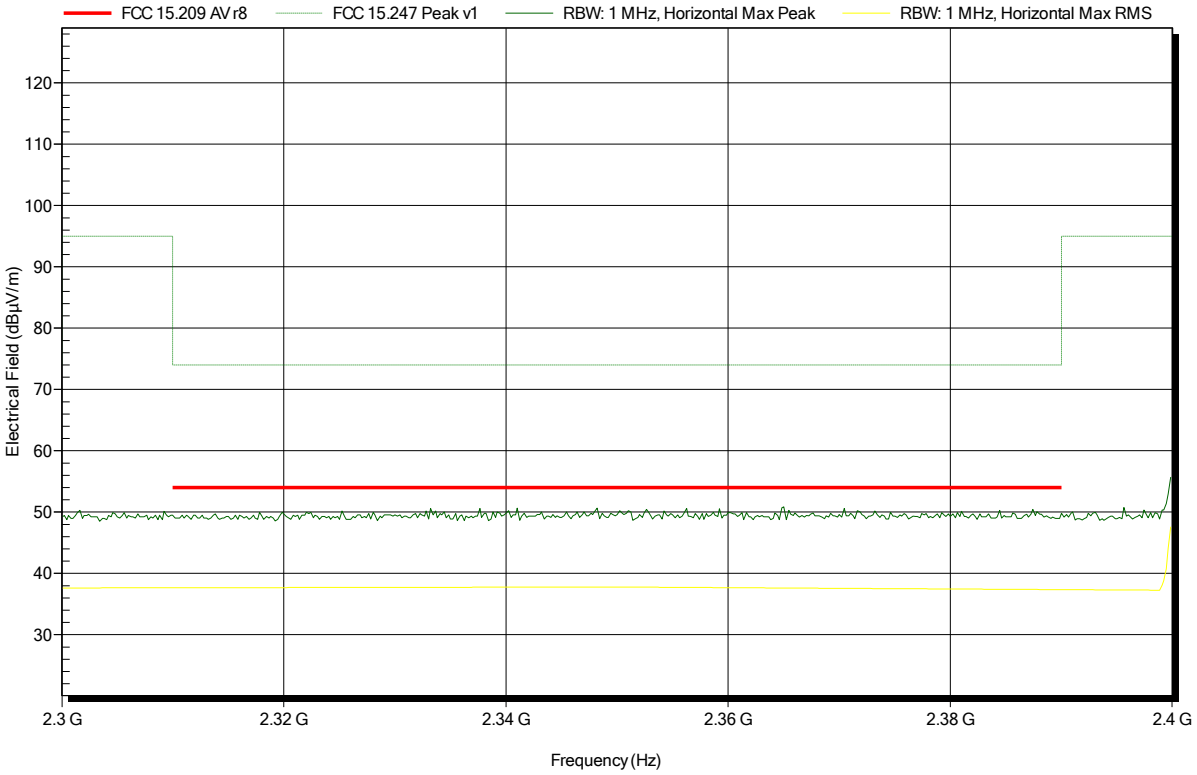


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	lower bandedge

Index 110

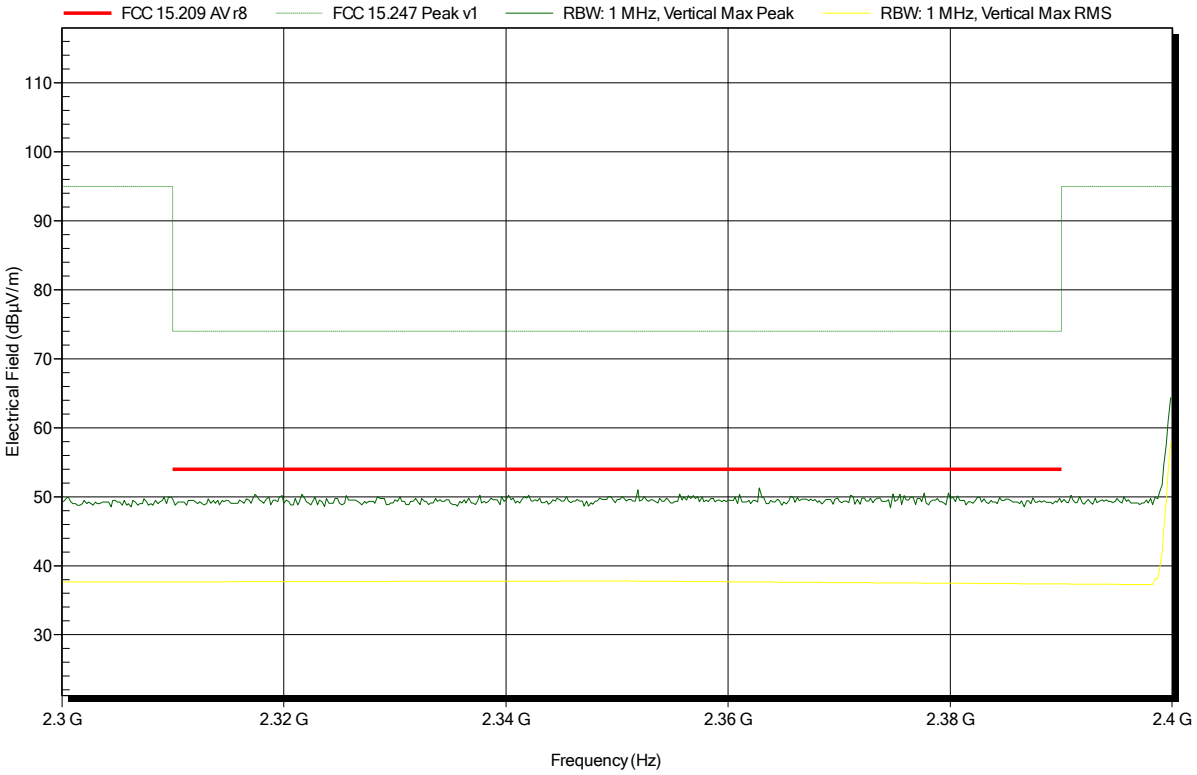


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	lower bandedge

Index 112

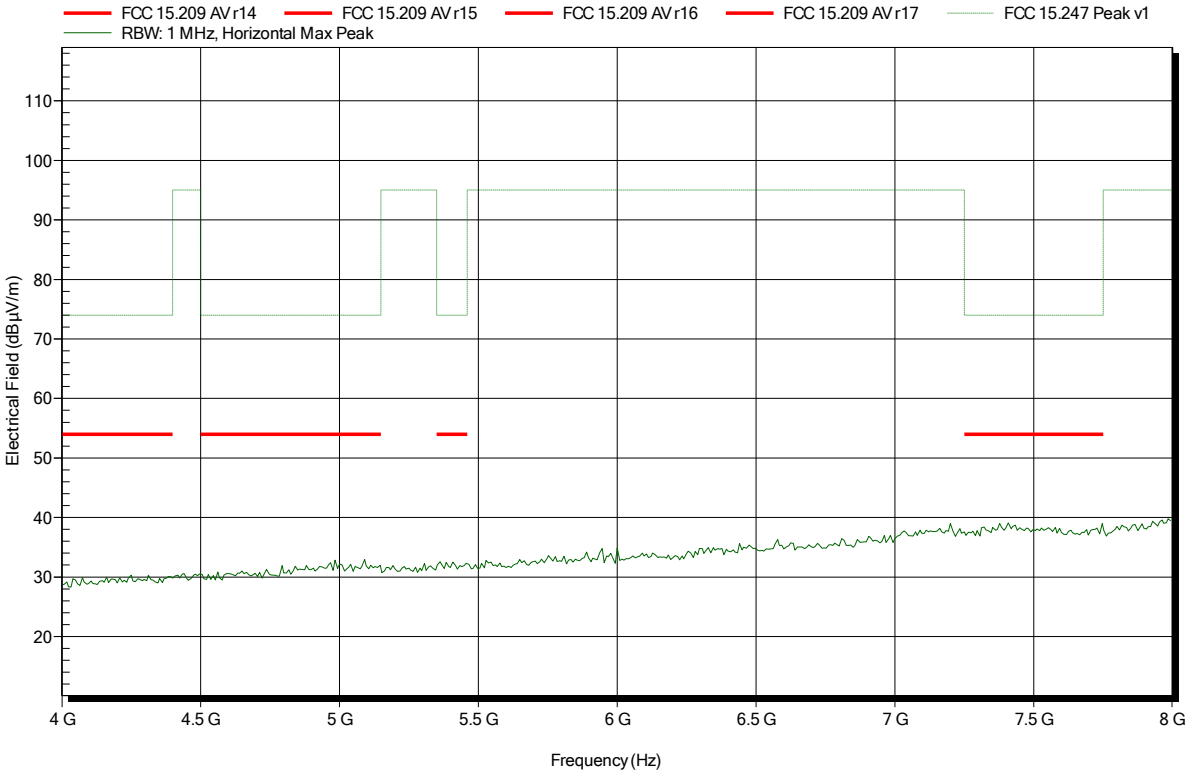


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	

Index 108

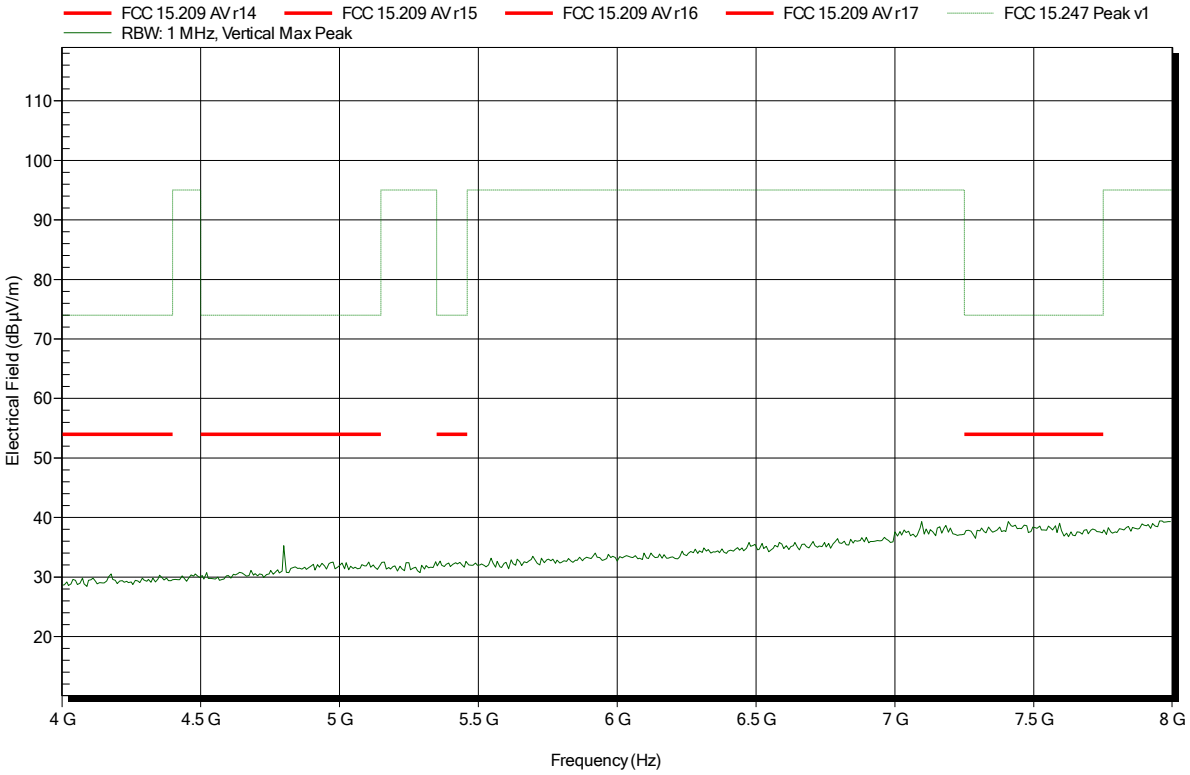


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	

Index 114

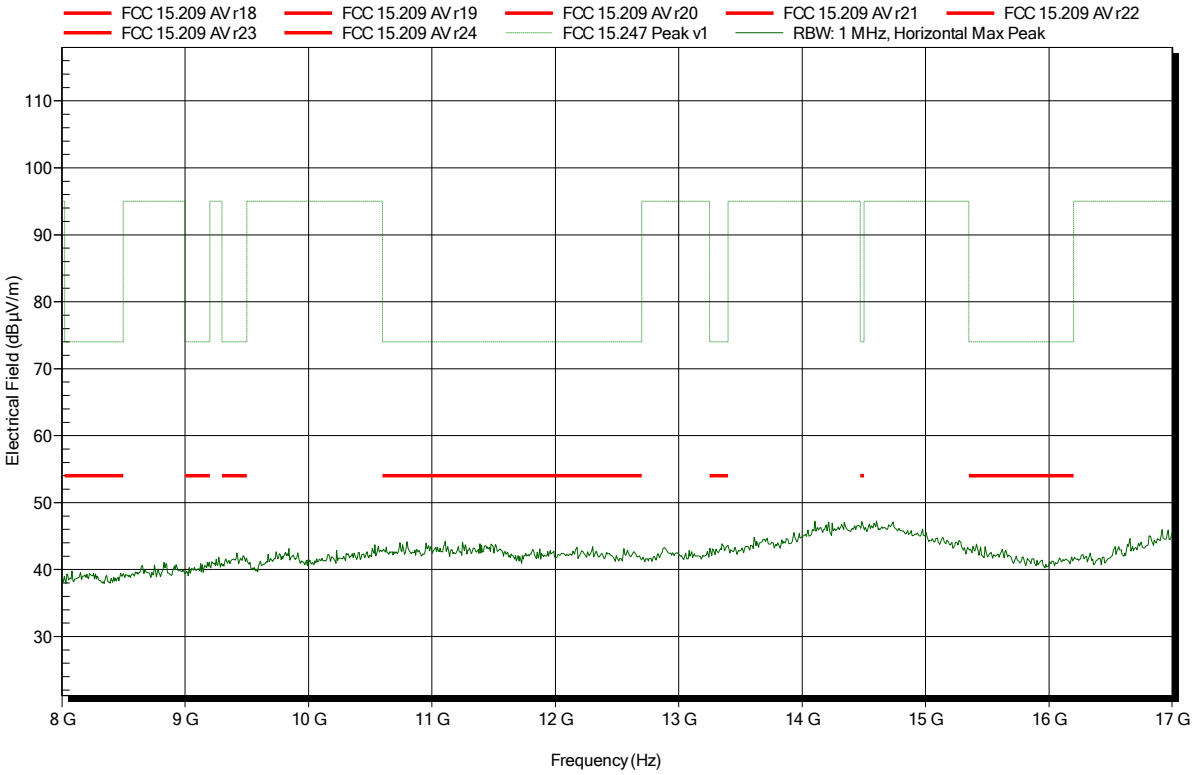


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	

Index 107

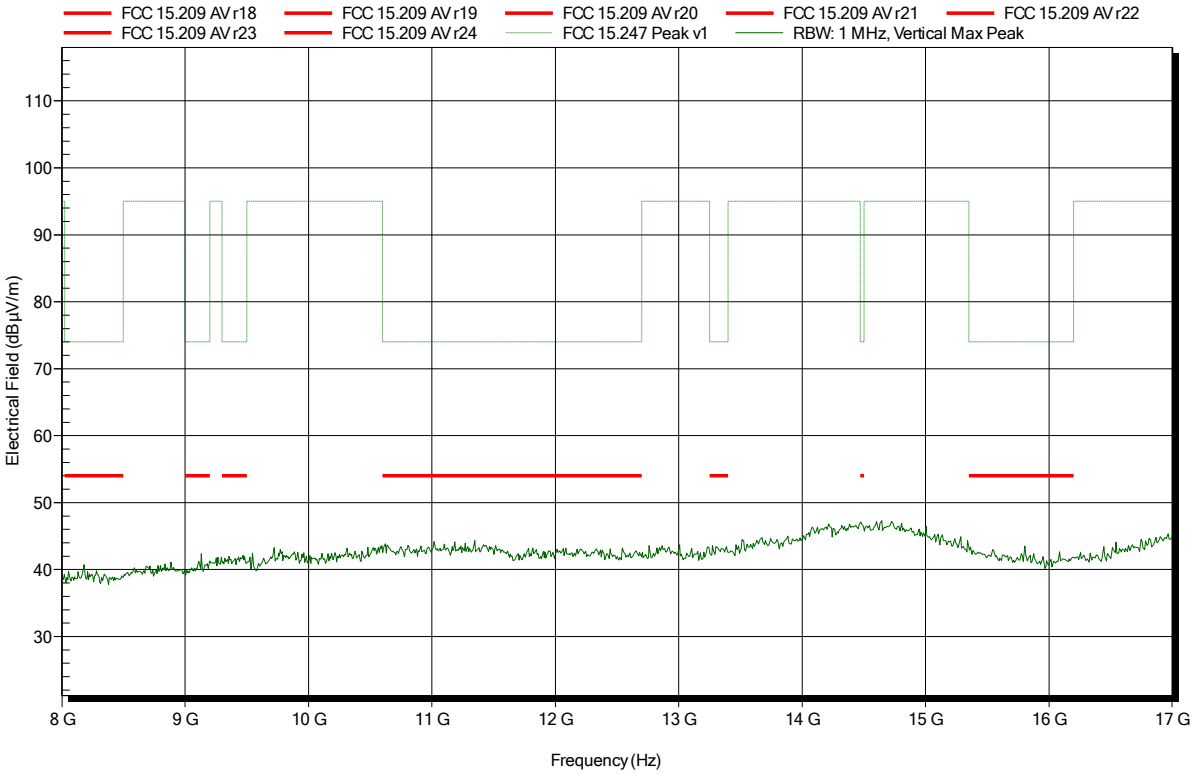


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	

Index 115

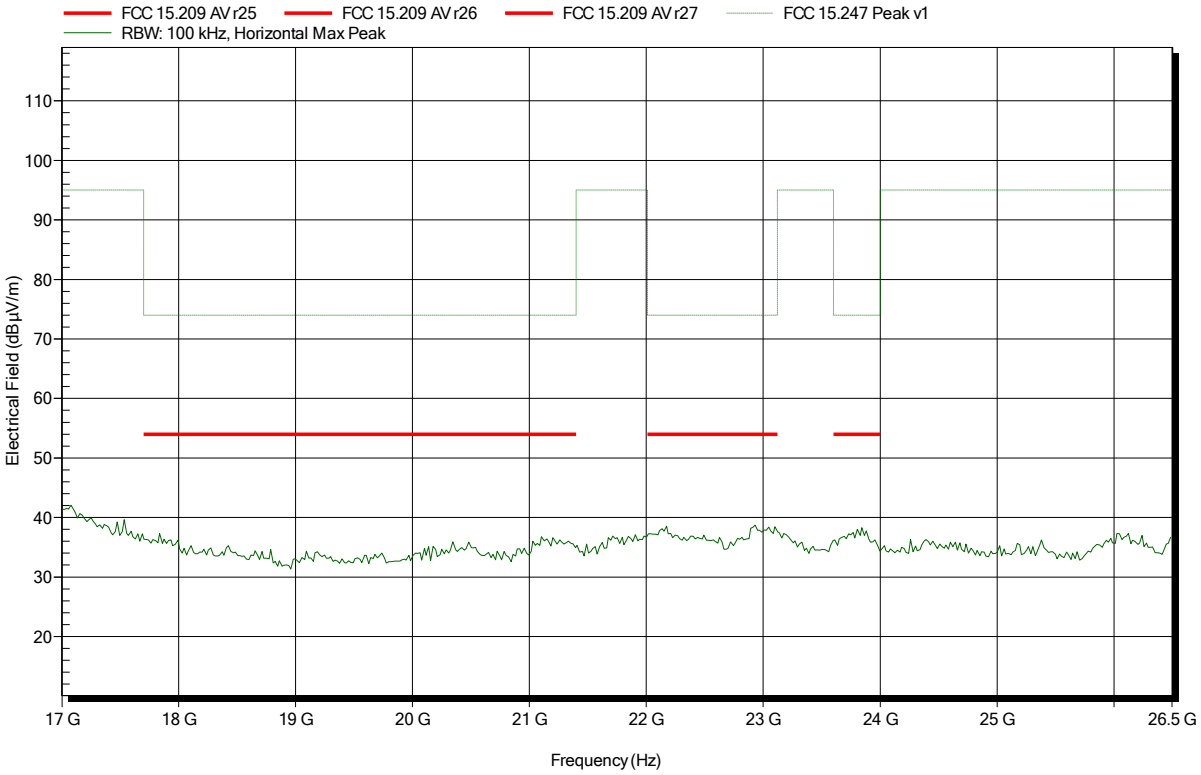


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	

Index 130

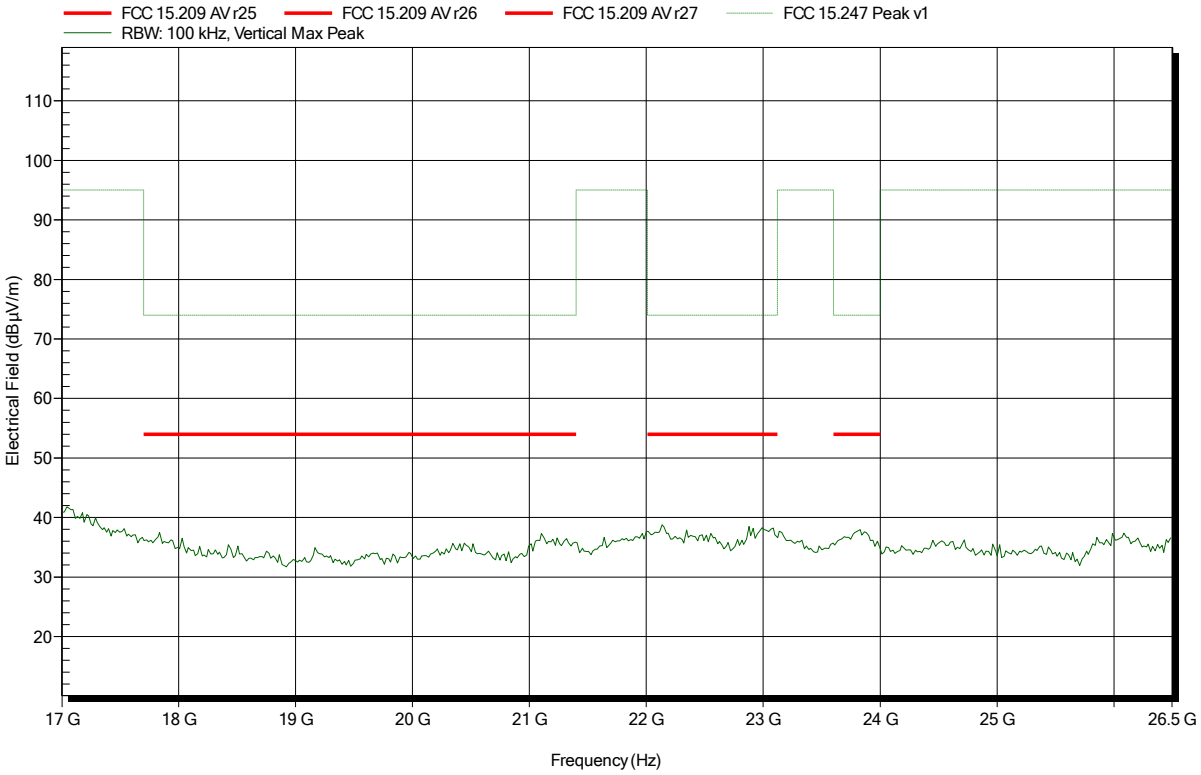


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2402 MHz
Test Date:	2017-02-15
Note:	

Index 129

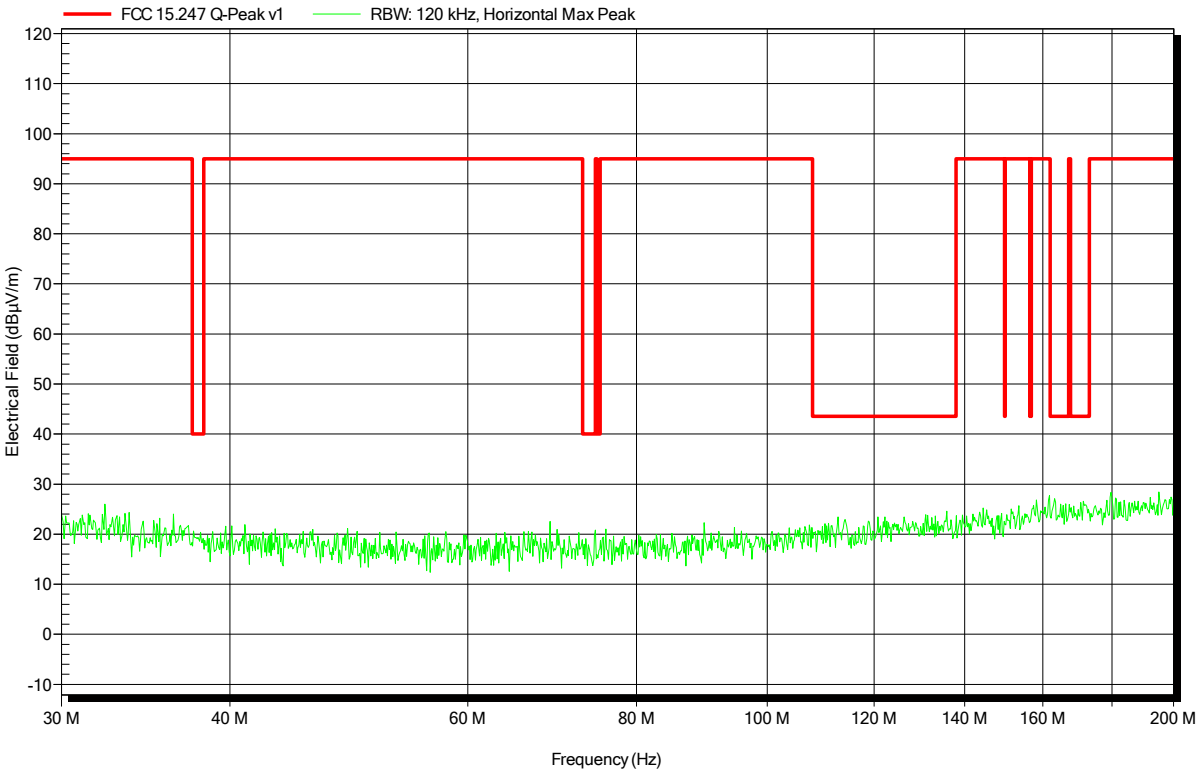


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; TX 2441 MHz, DH5
Test Date:	2017-02-14
Note:	

Index 32

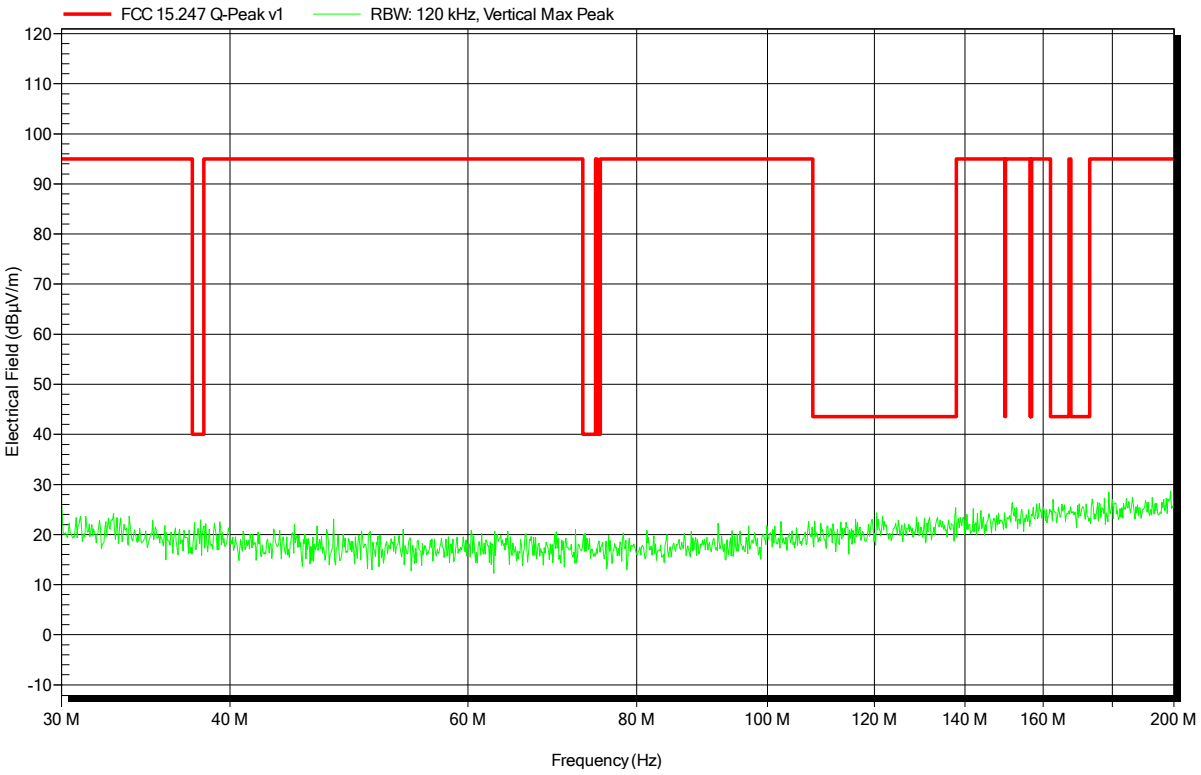


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; TX 2441 MHz, DH5
Test Date:	2017-02-14
Note:	

Index 35

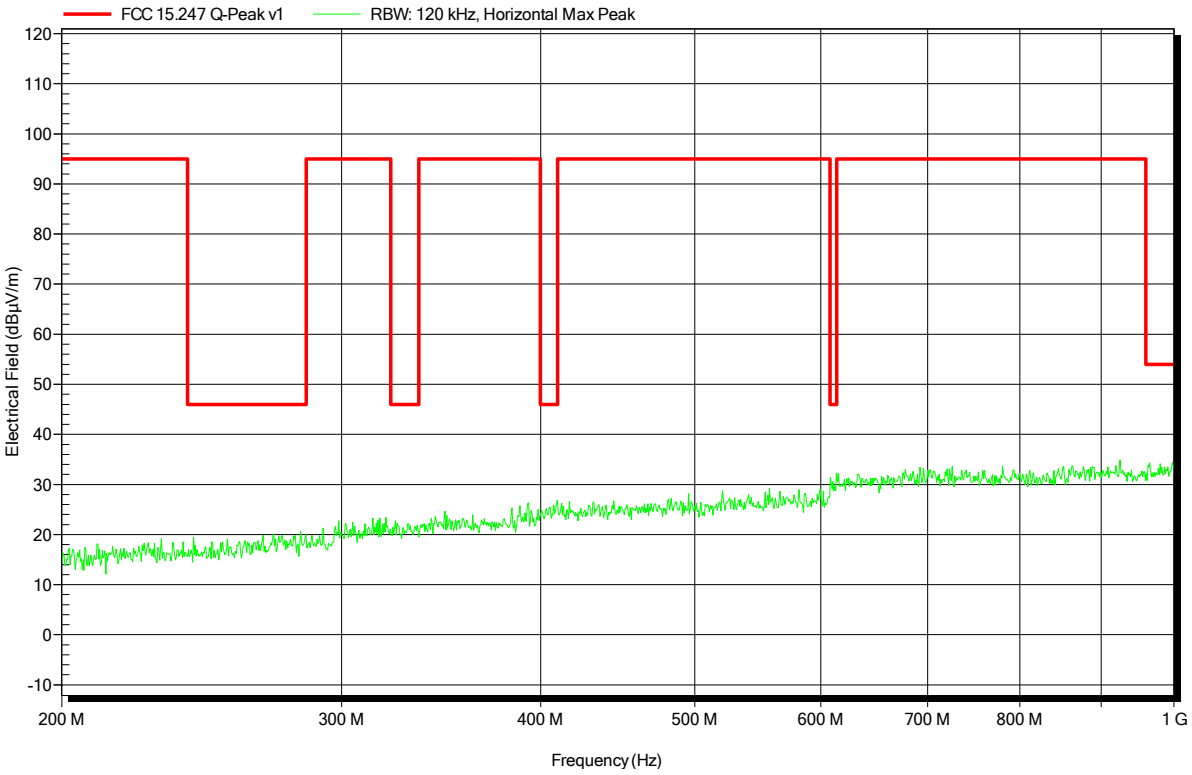


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; TX: 2441MHz
Test Date:	2017-02-14
Note:	

Index 63

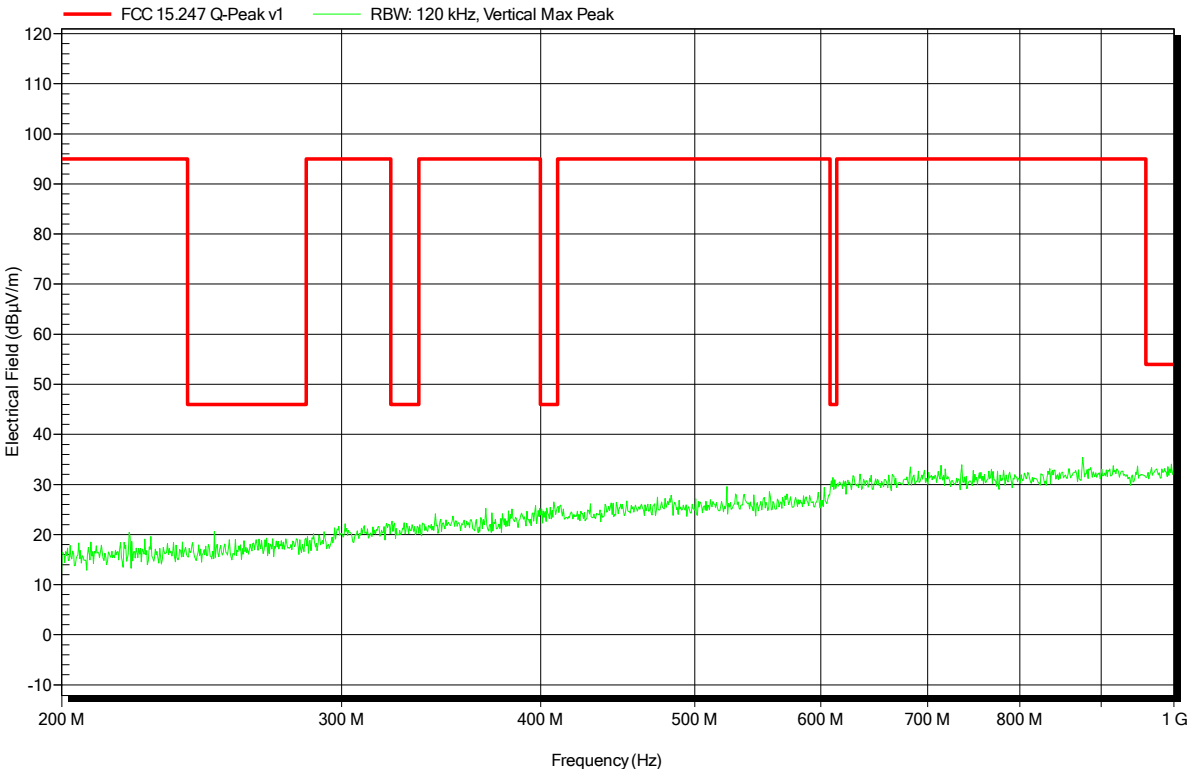


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; TX: 2441MHz
Test Date:	2017-02-14
Note:	

Index 66

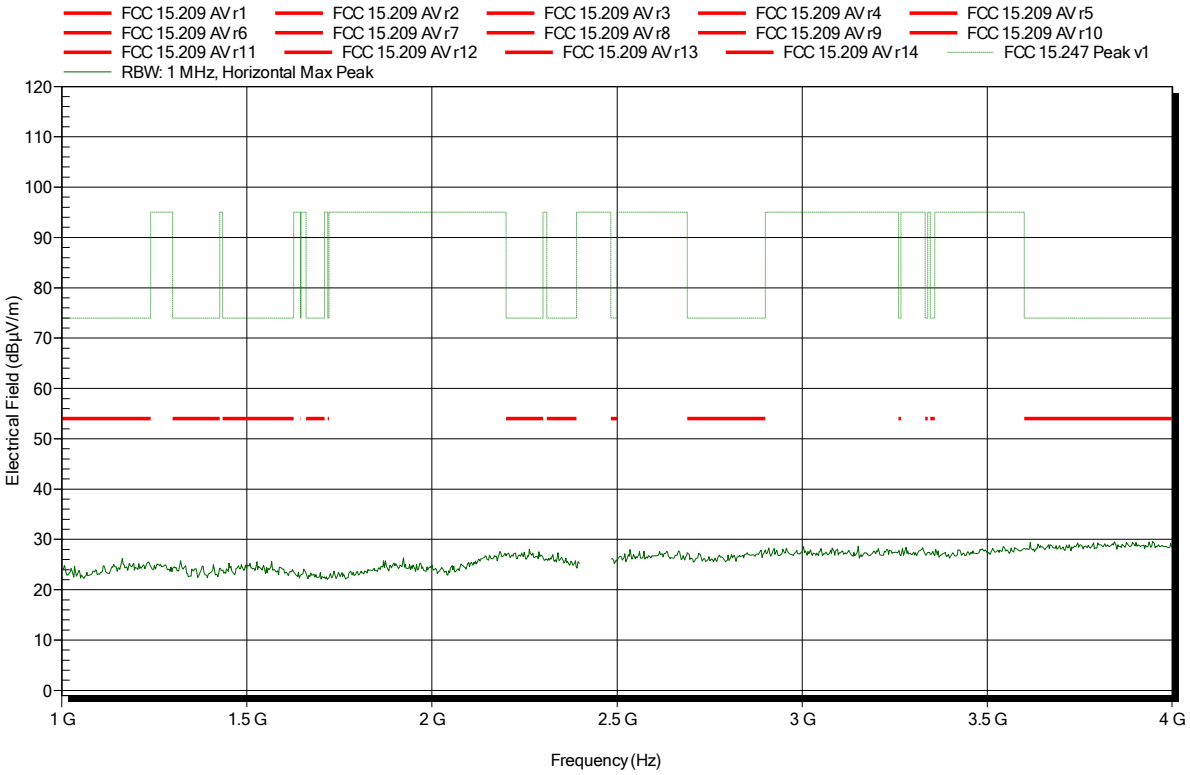


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2441 MHz
Test Date:	2017-02-15
Note:	

Index 104

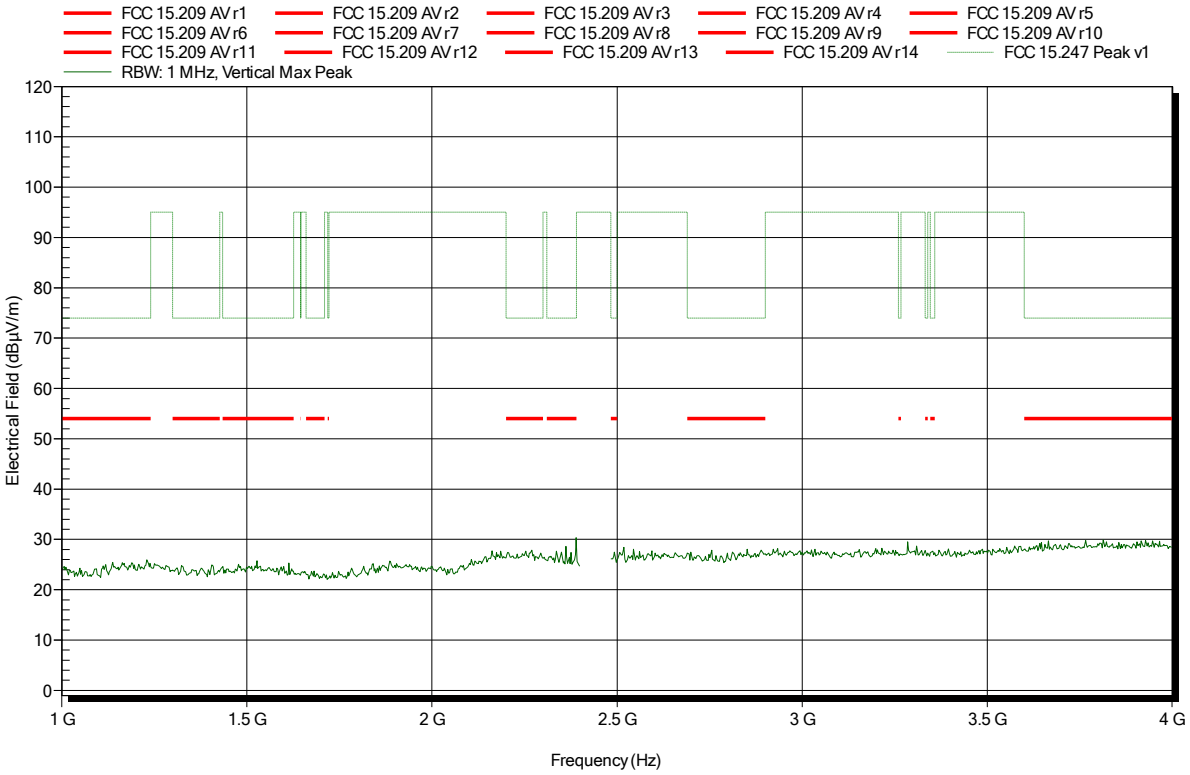


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2441 MHz
Test Date:	2017-02-15
Note:	

Index 102

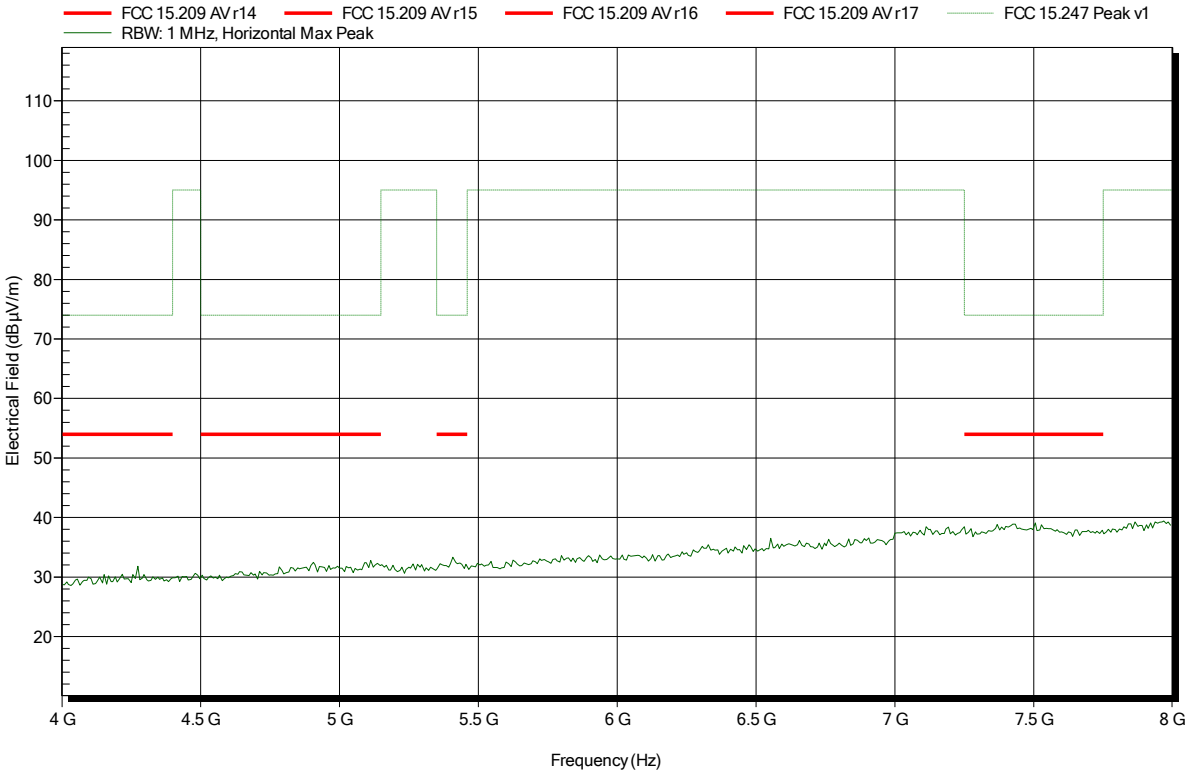


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2441 MHz
Test Date:	2017-02-15
Note:	

Index 105

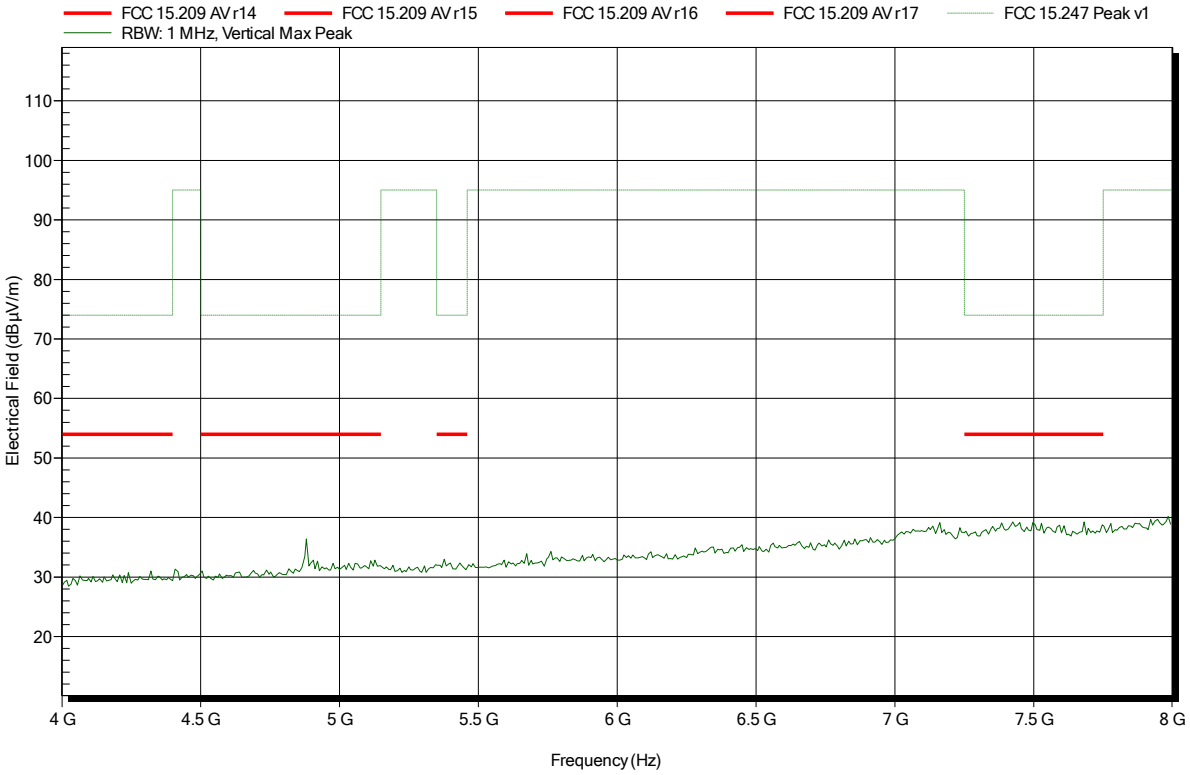


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2441 MHz
Test Date:	2017-02-15
Note:	

Index 100

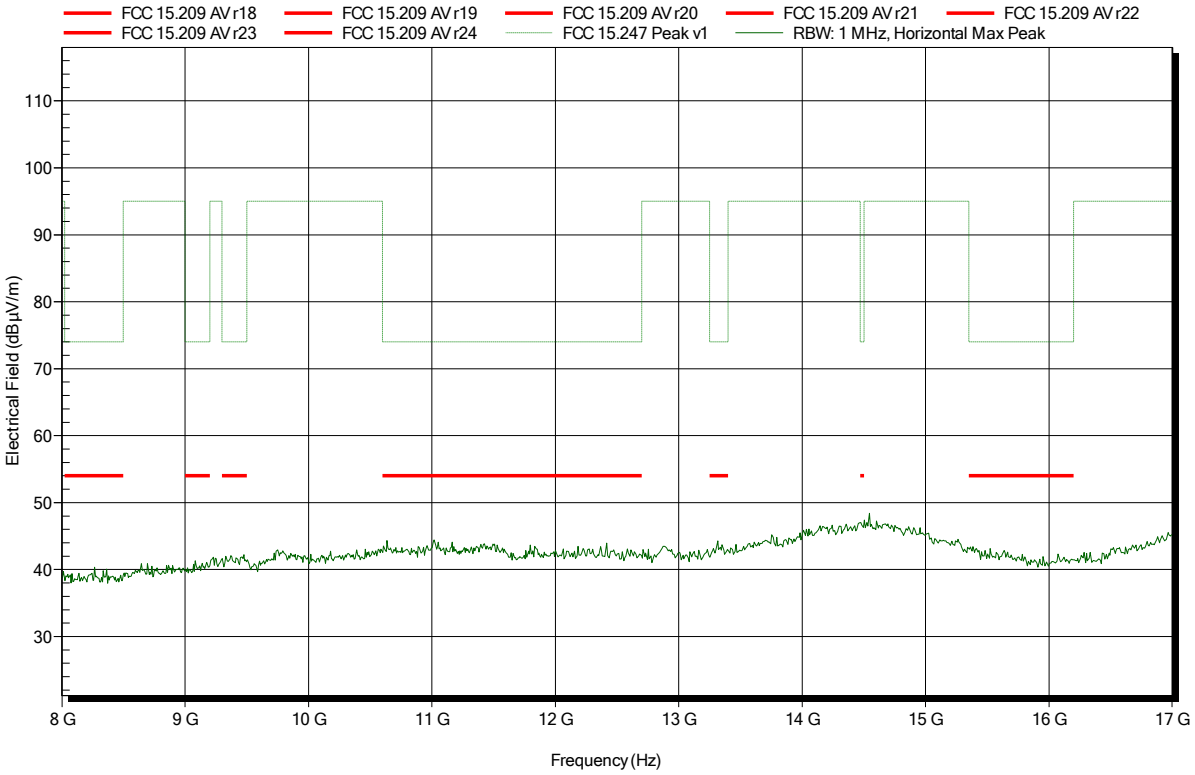


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2441 MHz
Test Date:	2017-02-15
Note:	

Index 106

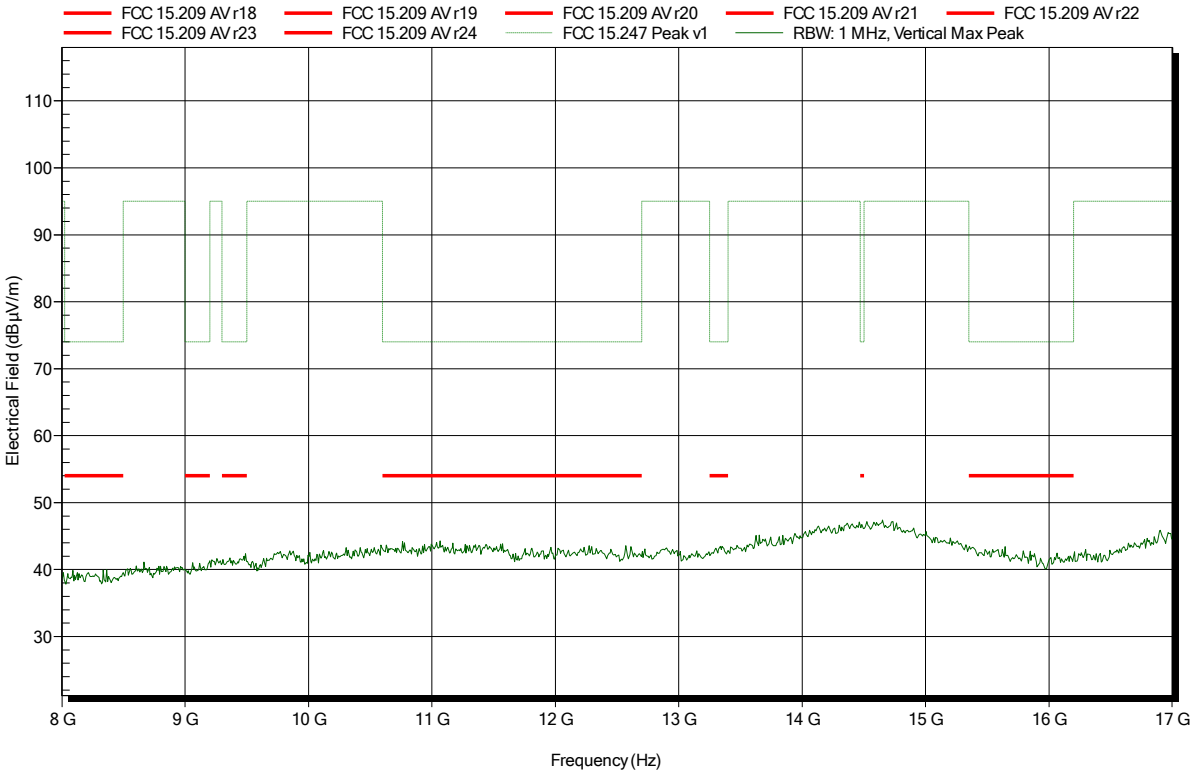


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2441 MHz
Test Date:	2017-02-15
Note:	

Index 101

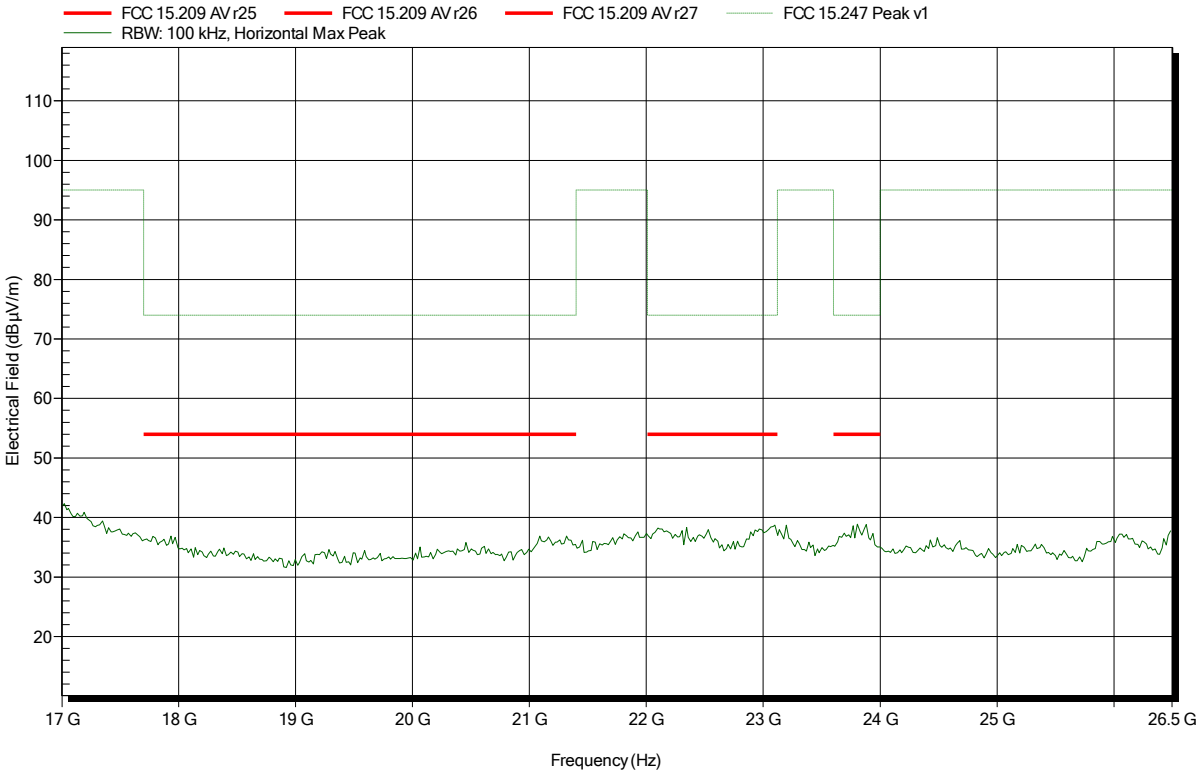


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2441 MHz
Test Date:	2017-02-15
Note:	

Index 127

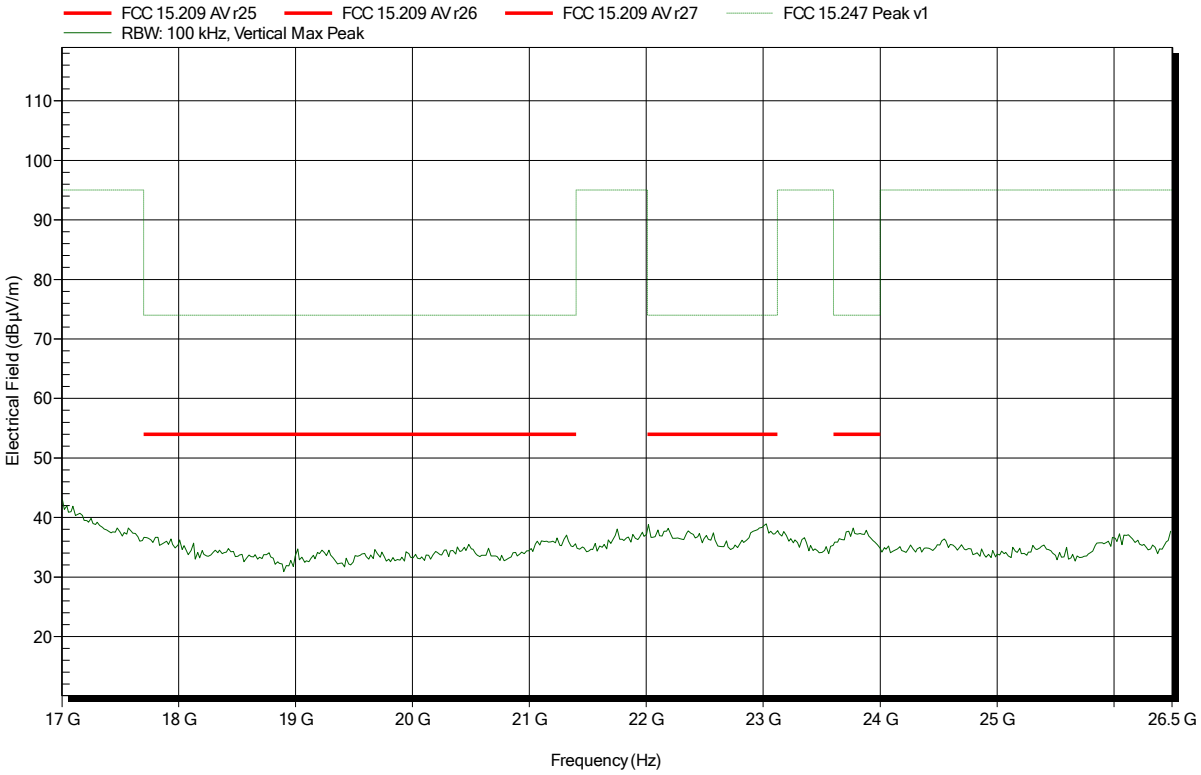


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2441 MHz
Test Date:	2017-02-15
Note:	

Index 128

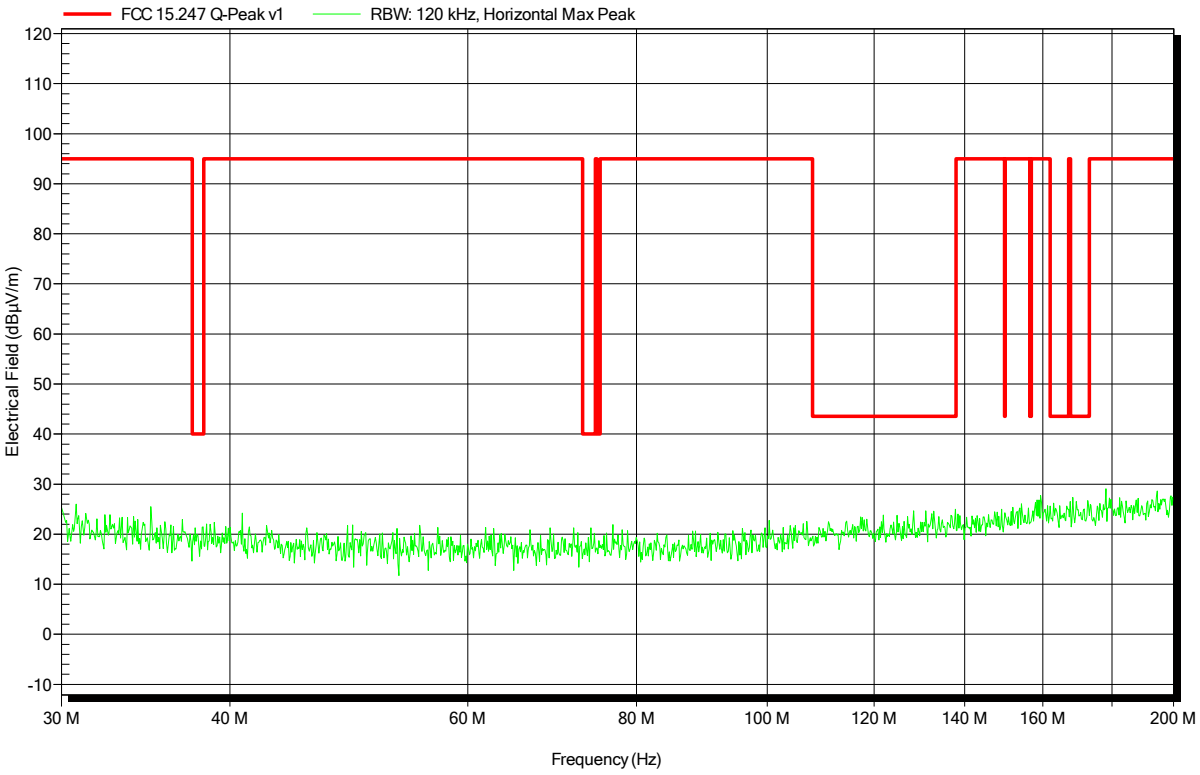


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; TX 2480 MHz, DH5
Test Date:	2017-02-14
Note:	

Index 33

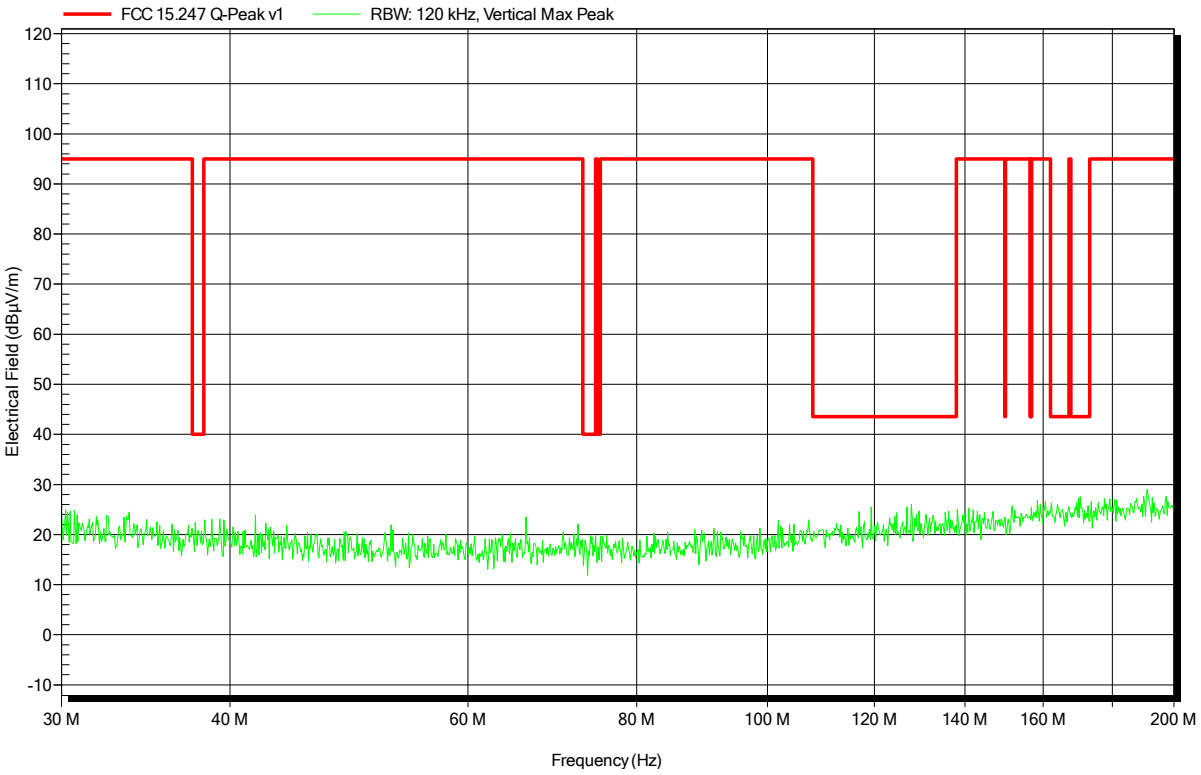


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; TX 2480 MHz, DH5
Test Date:	2017-02-14
Note:	

Index 34

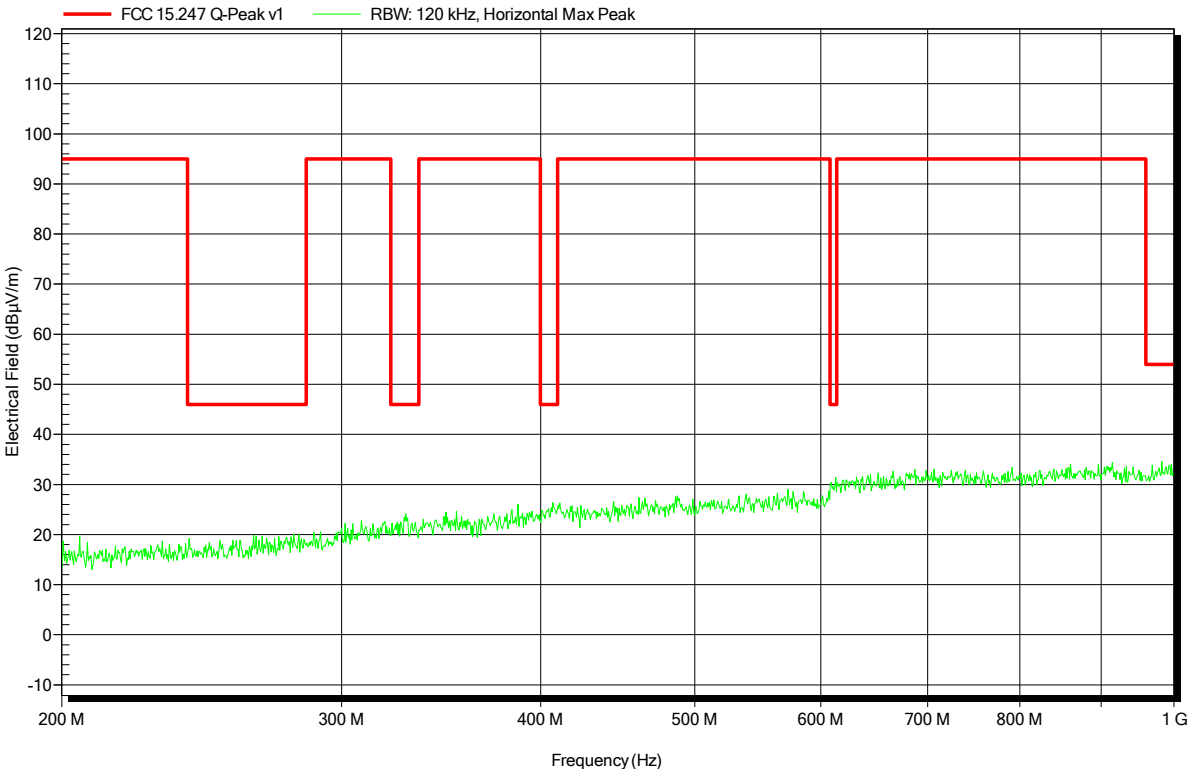


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; TX: 2480MHz
Test Date:	2017-02-14
Note:	

Index 64

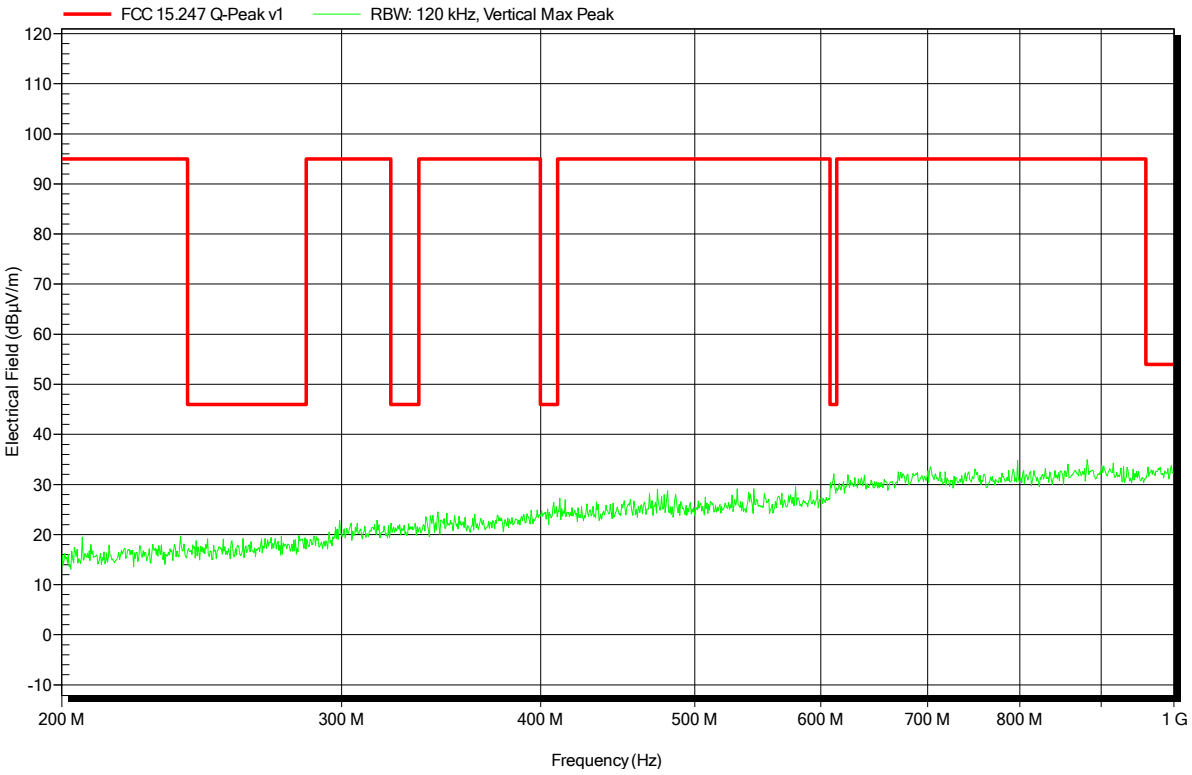


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; TX: 2480MHz
Test Date:	2017-02-14
Note:	

Index 65

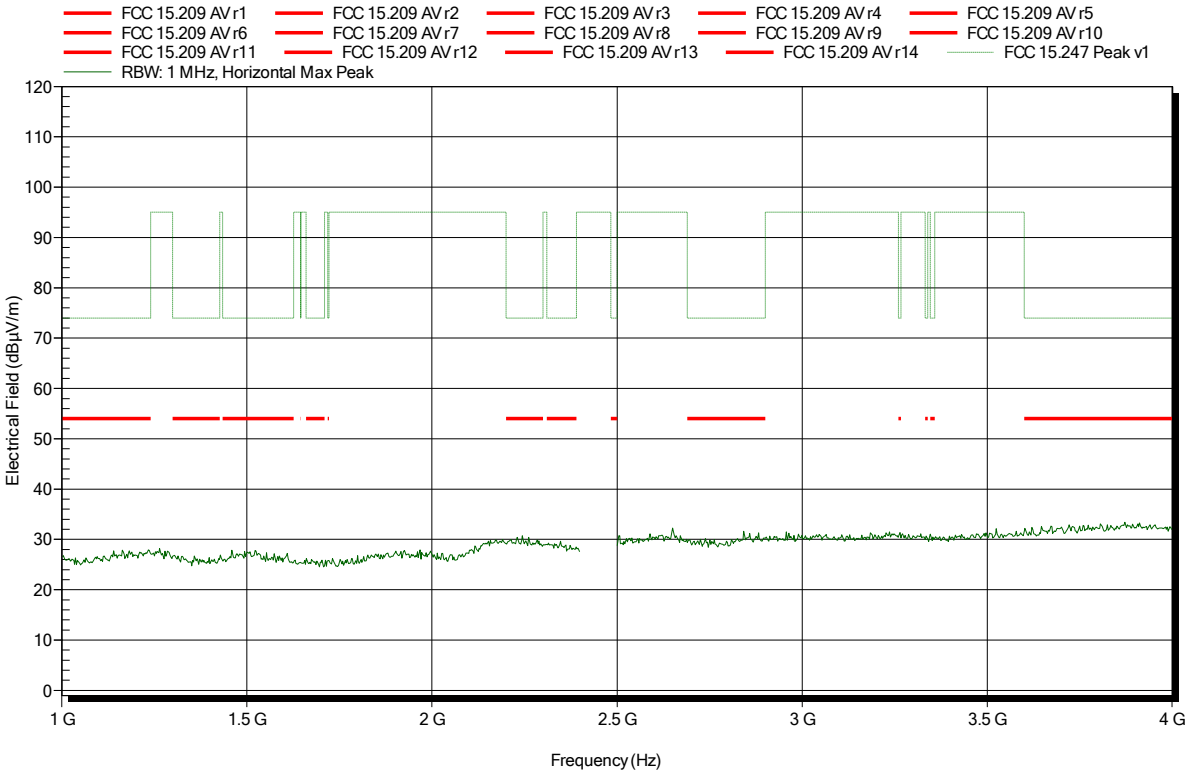


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	

Index 119

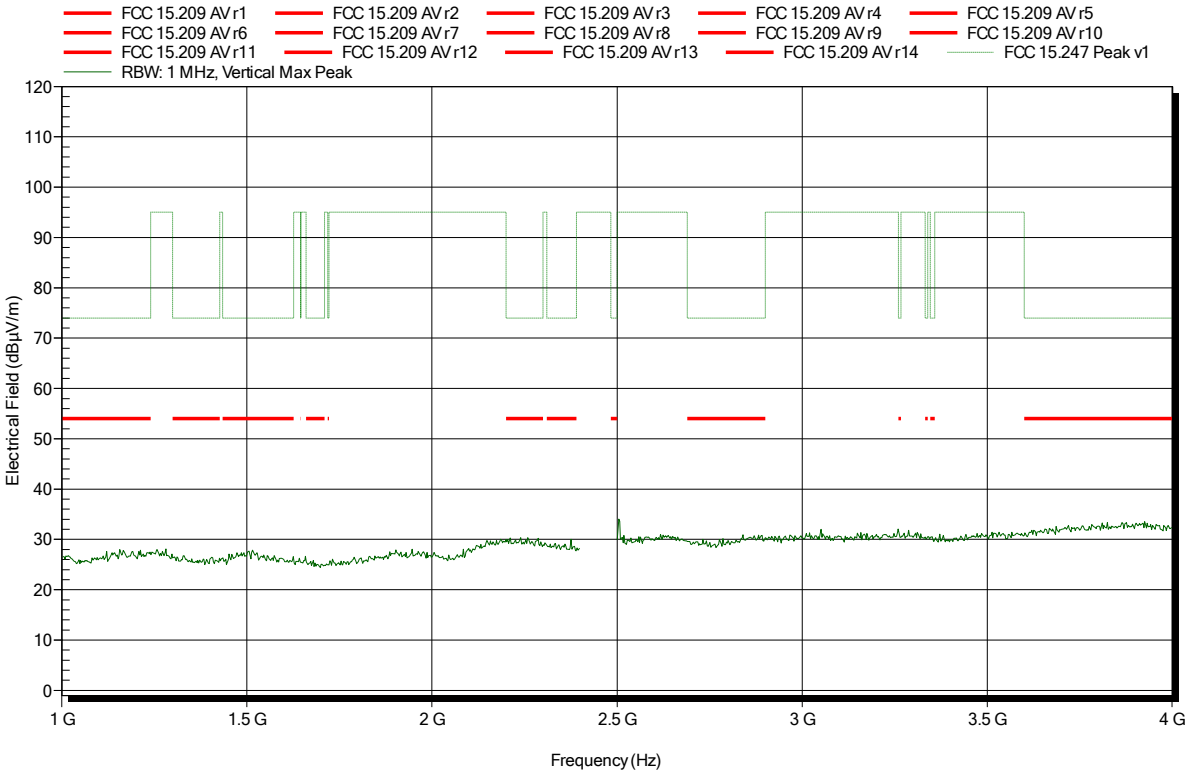


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	

Index 118

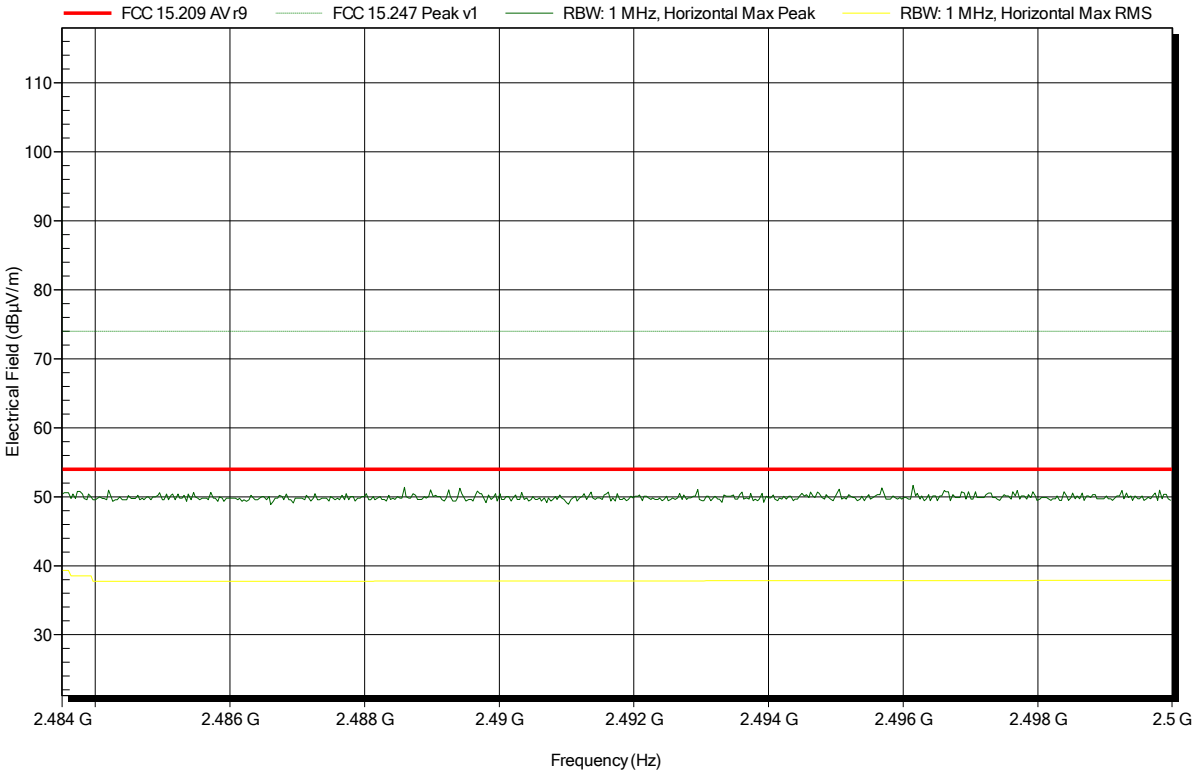


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	upper bandedge

Index 120

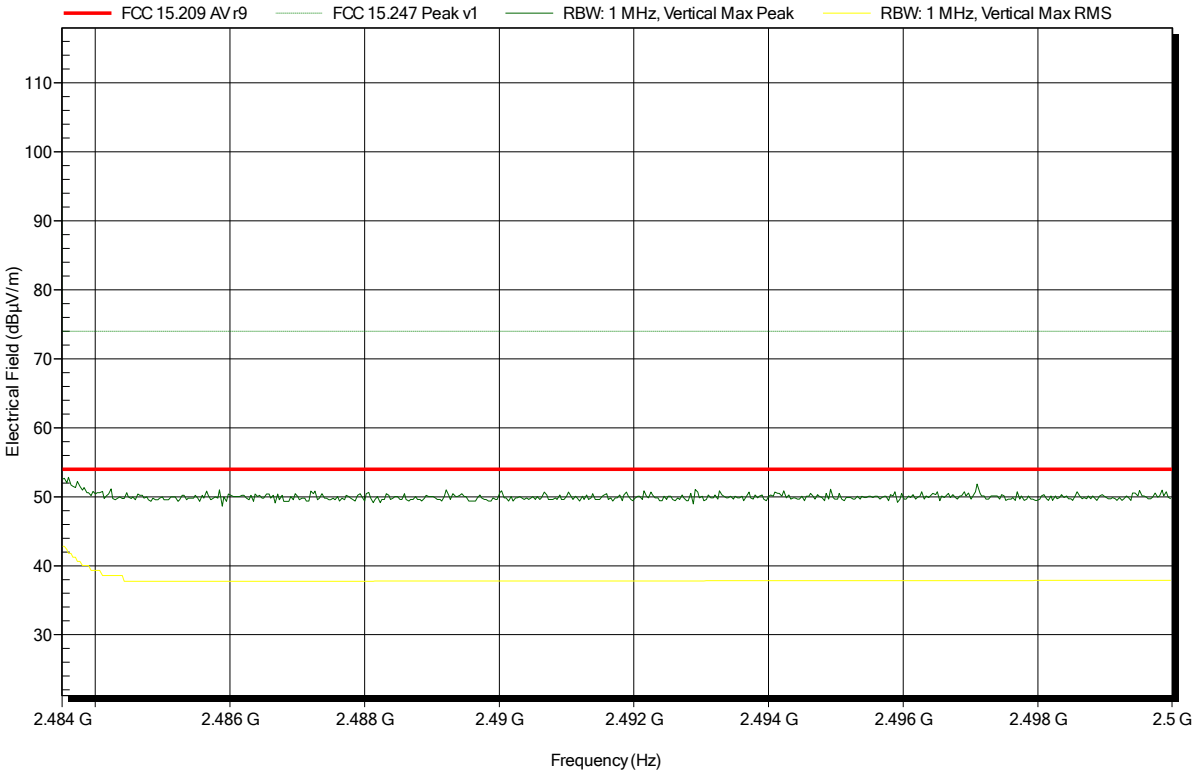


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	upper bandedge

Index 121

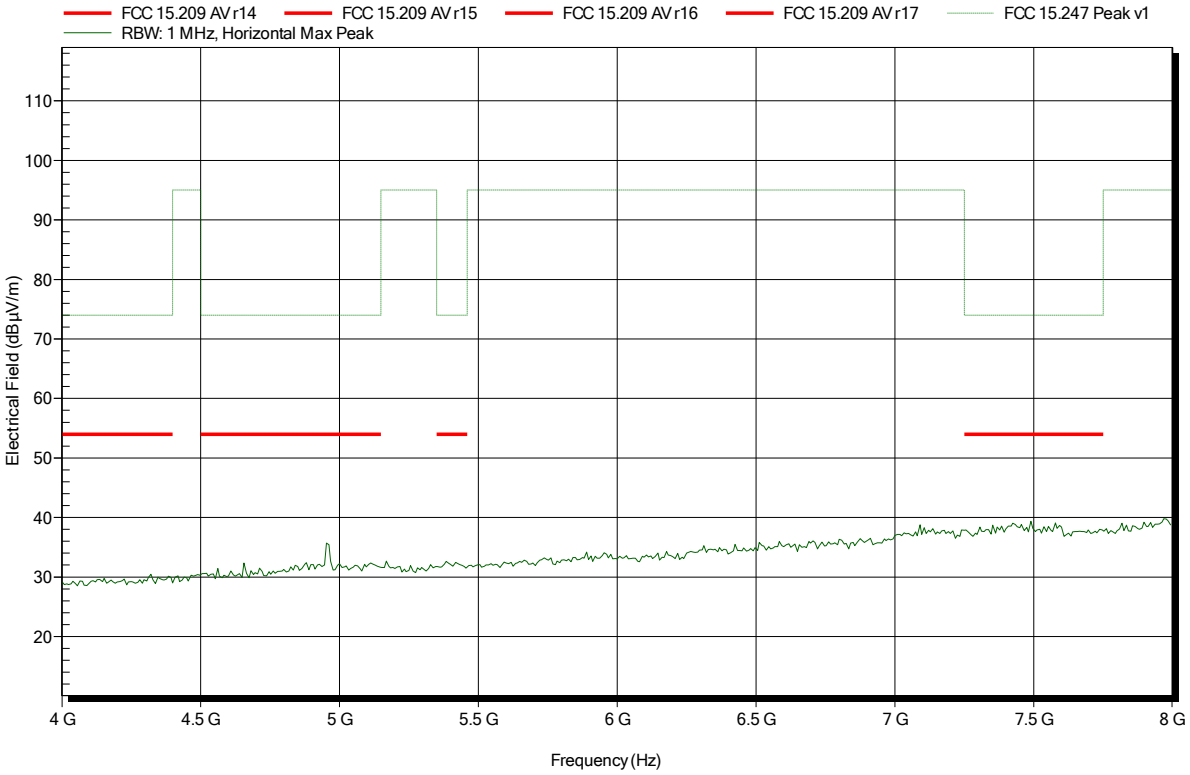


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	

Index 122

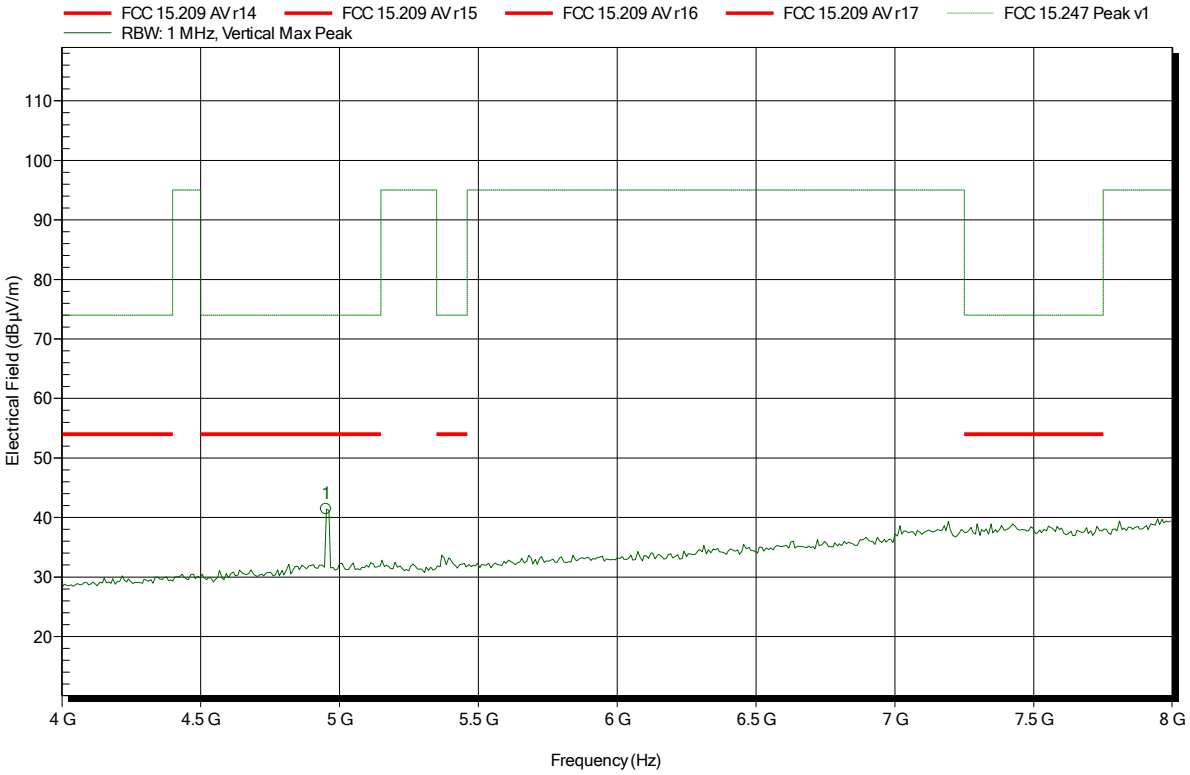


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	

Index 117



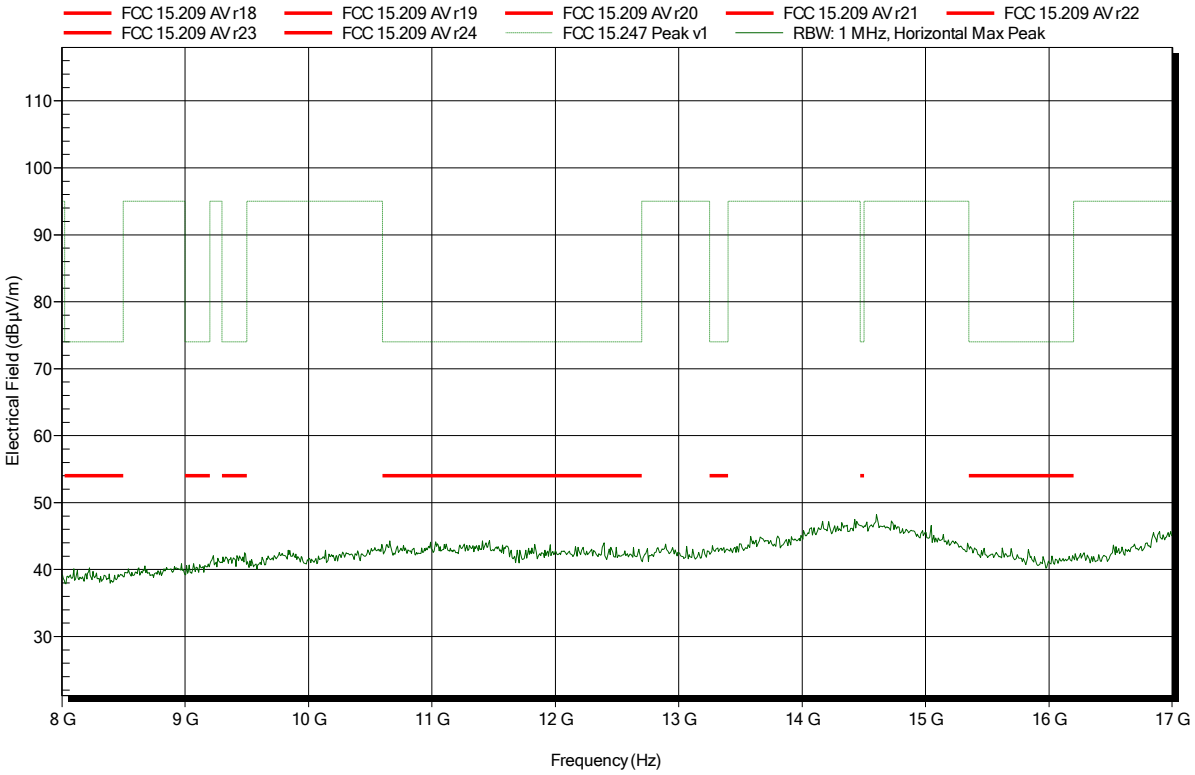
Frequency	Peak	Peak Limit	Peak Difference	Status
4.952 GHz	41.39 dBµV/m	74 dBµV/m	-32.61 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	

Index 123

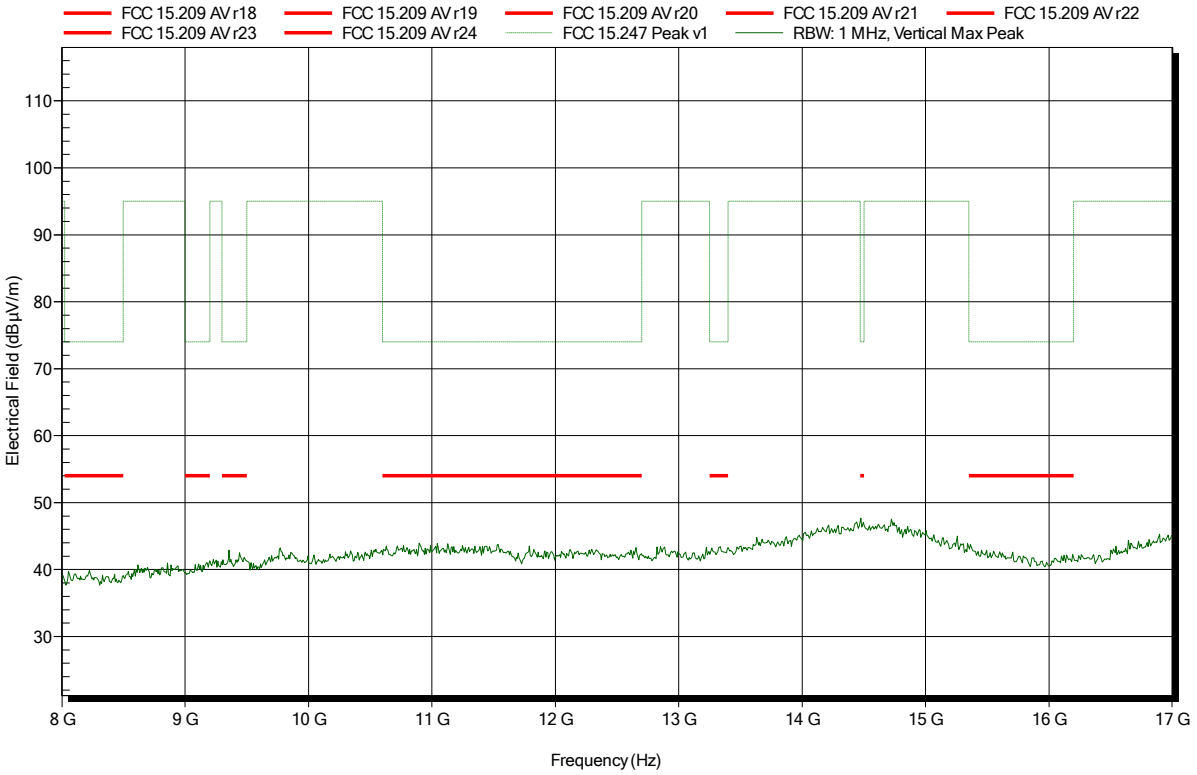


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	

Index 116

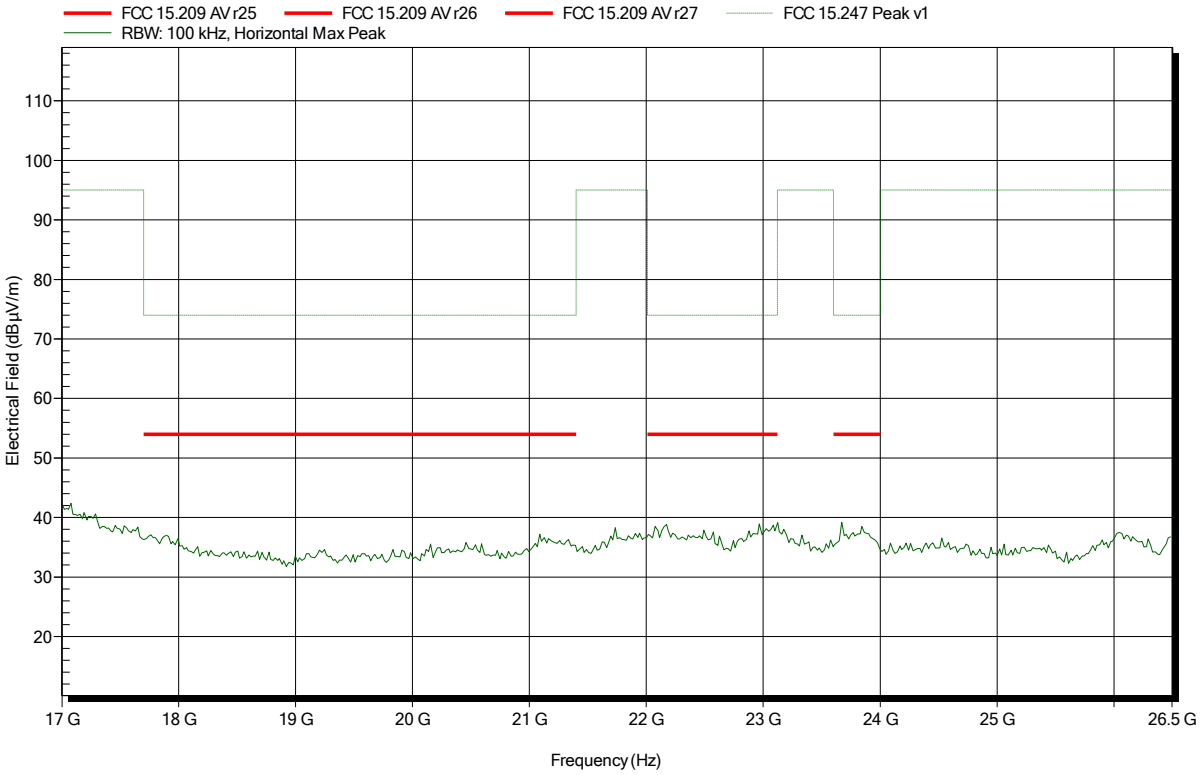


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	

Index 124

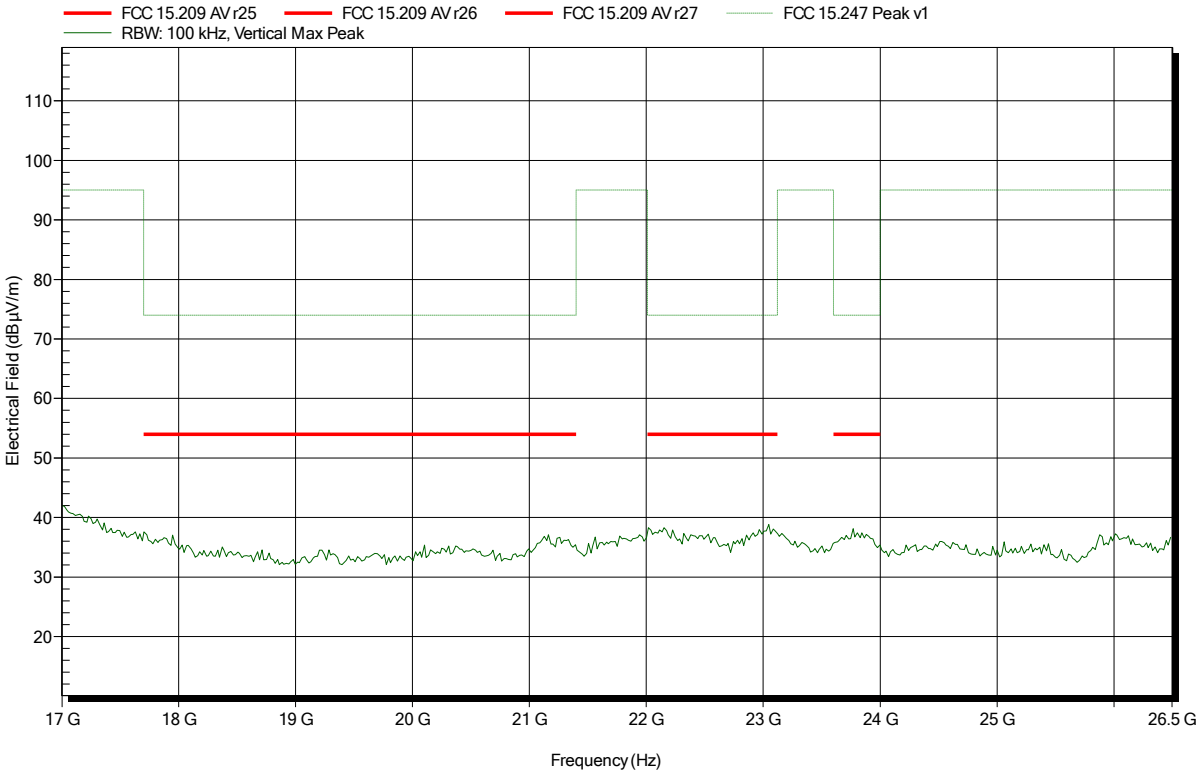


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT DH5 2480 MHz
Test Date:	2017-02-15
Note:	

Index 125



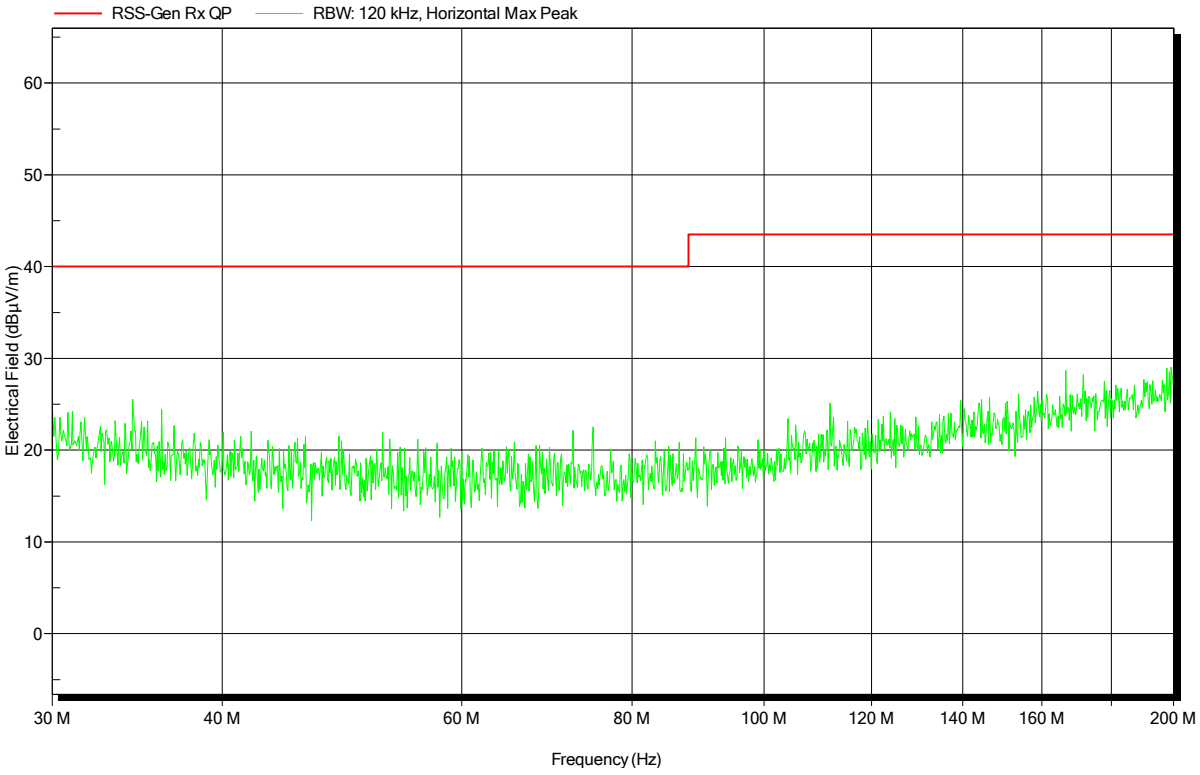
ANNEX B Receiver sprurious emissions

Spurious emissions according to RSS-Gen

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	RX; scan mode
Test Date:	2017-02-14
Note:	

Index 46

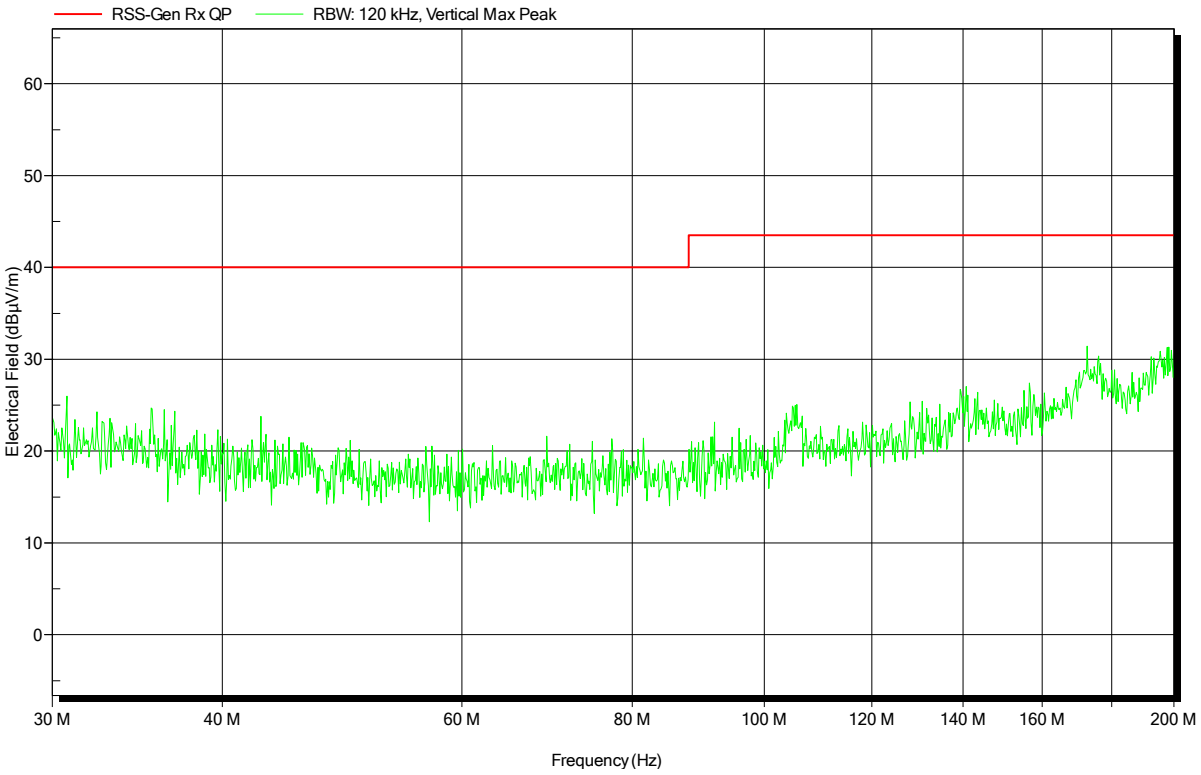


Spurious emissions according to RSS-Gen

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	RX; scan mode
Test Date:	2017-02-14
Note:	

Index 45

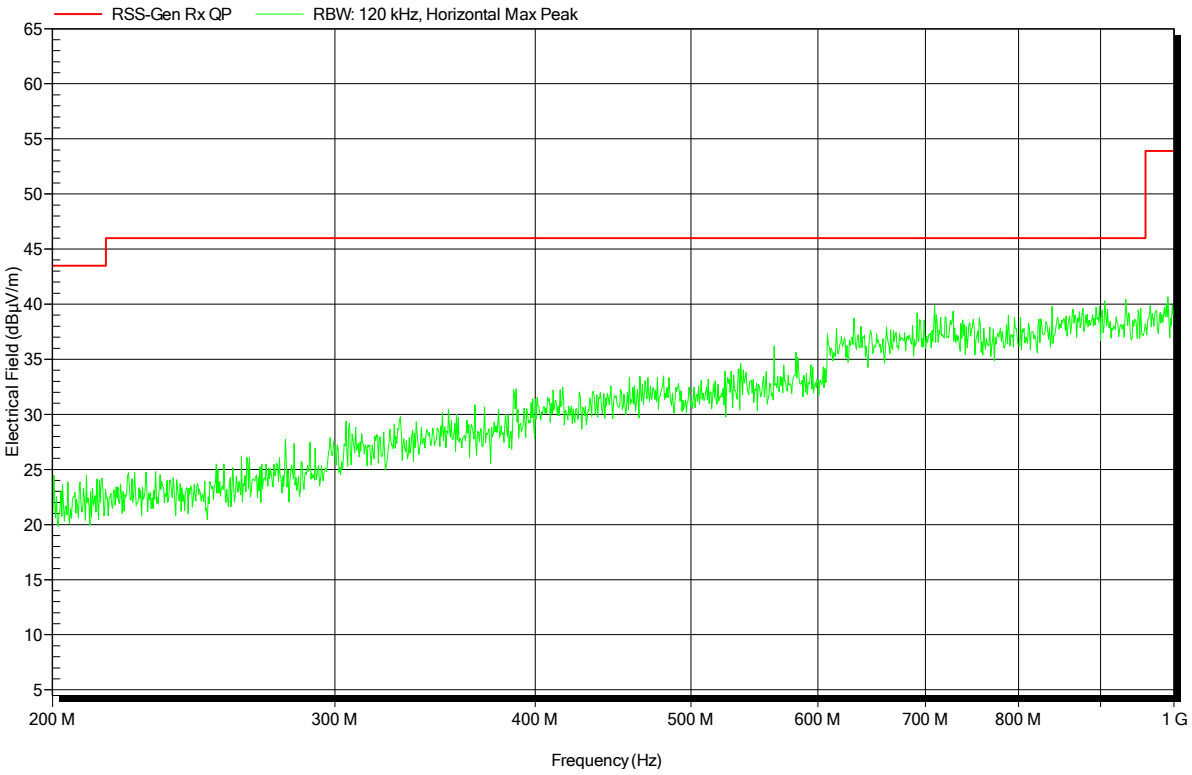


Spurious emissions according to RSS-Gen

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	RX; Scan mode
Test Date:	2017-02-14
Note:	

Index 69

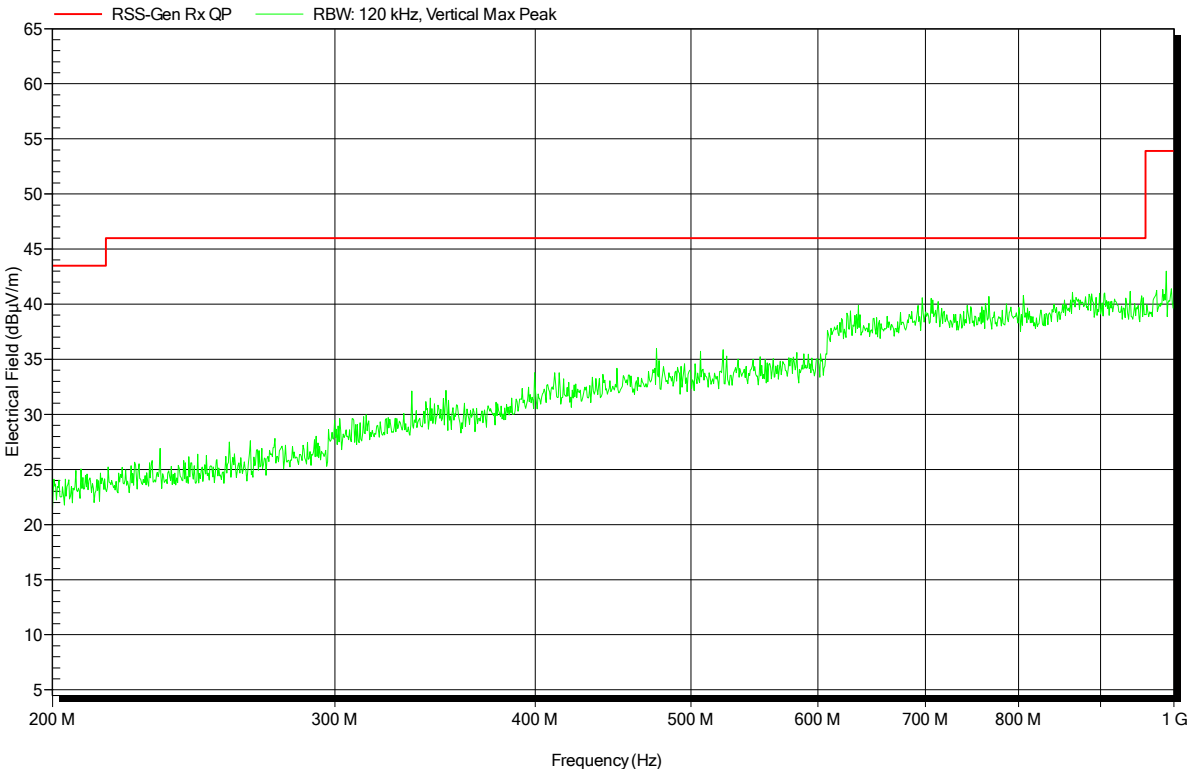


Spurious emissions according to RSS-Gen

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Handrik
Test Conditions:	Tnom: 21°C, Vnom: 5V DC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	RX; Scan mode
Test Date:	2017-02-14
Note:	

Index 68

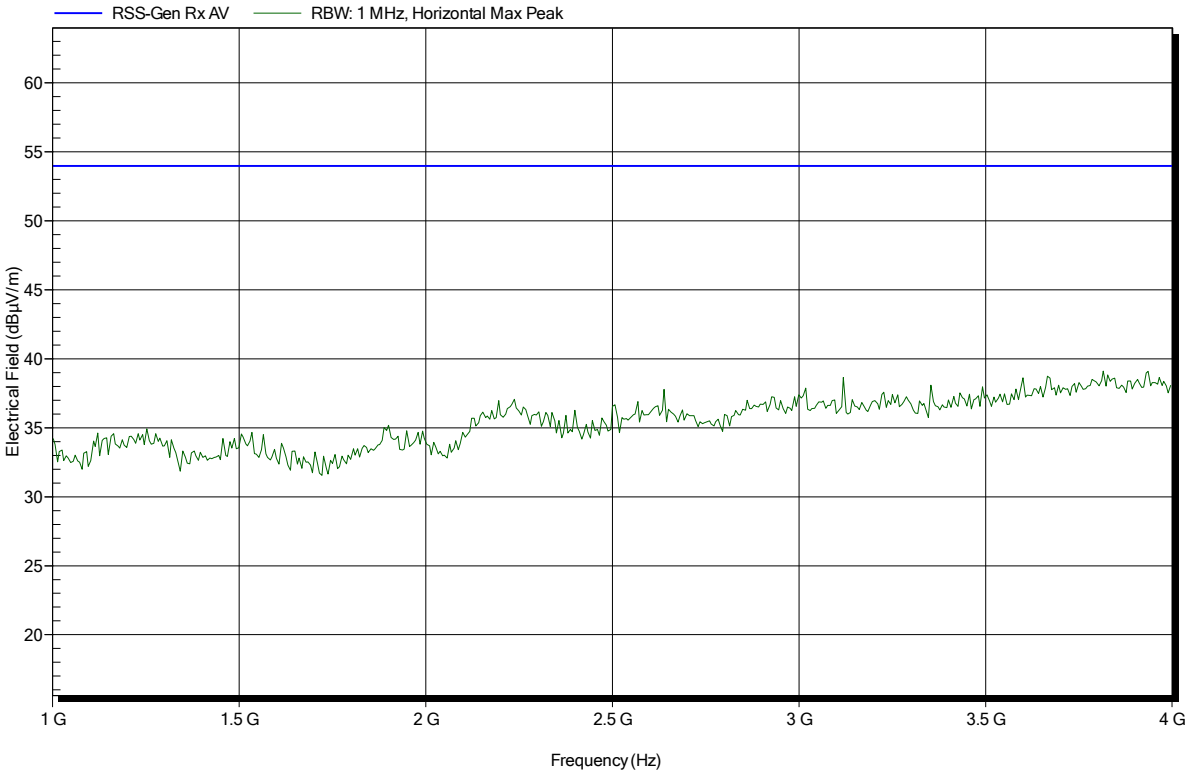


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 140

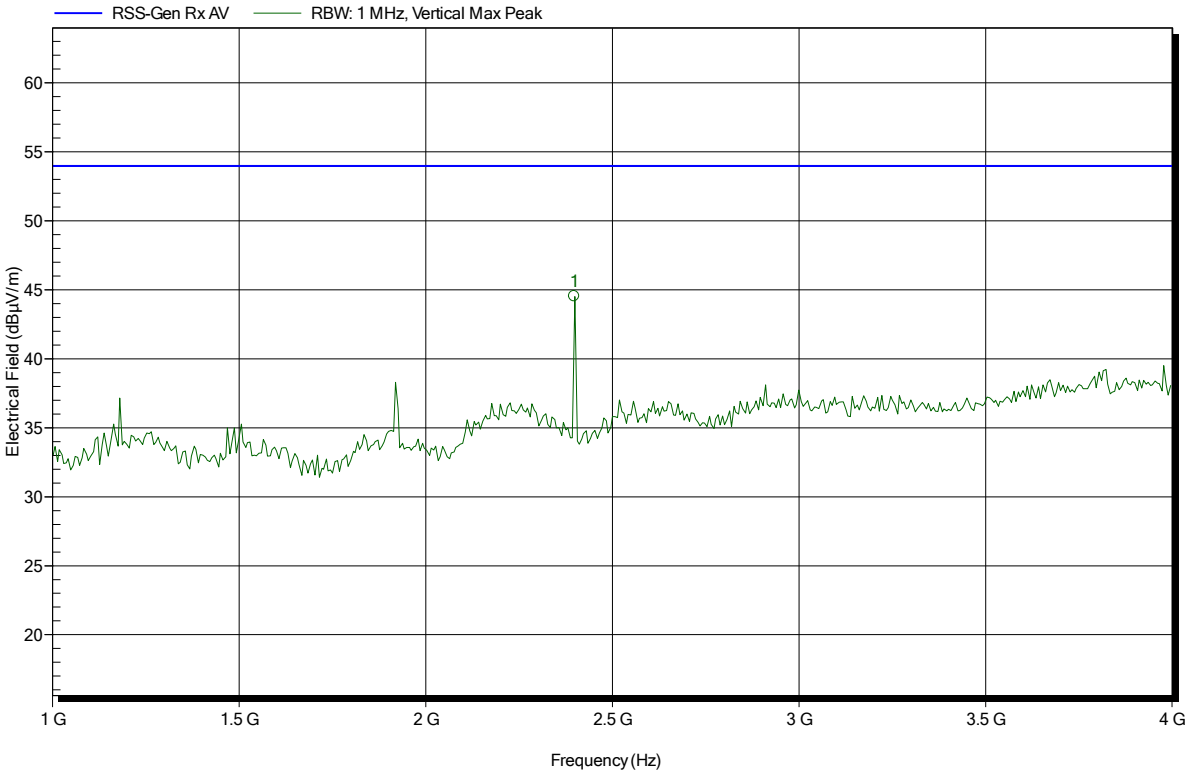


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 139



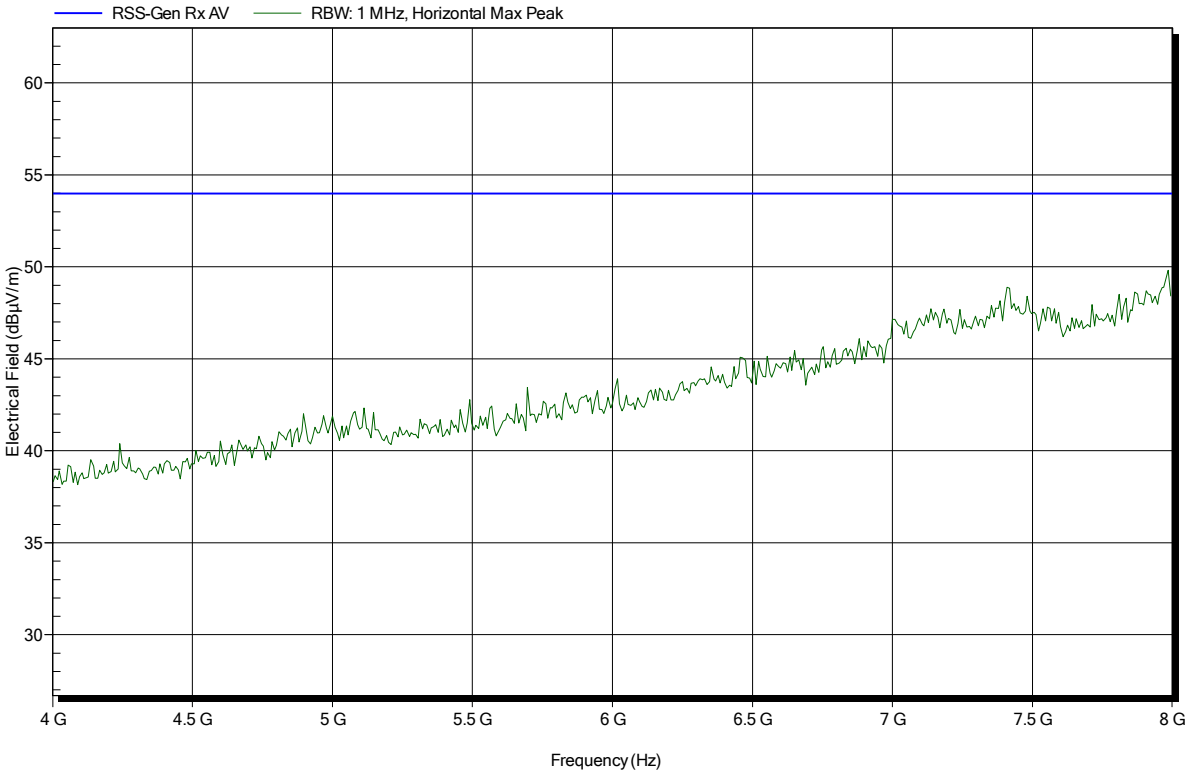
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.398 GHz	44.54 dBµV/m	53.98 dBµV/m	-9.44 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 141

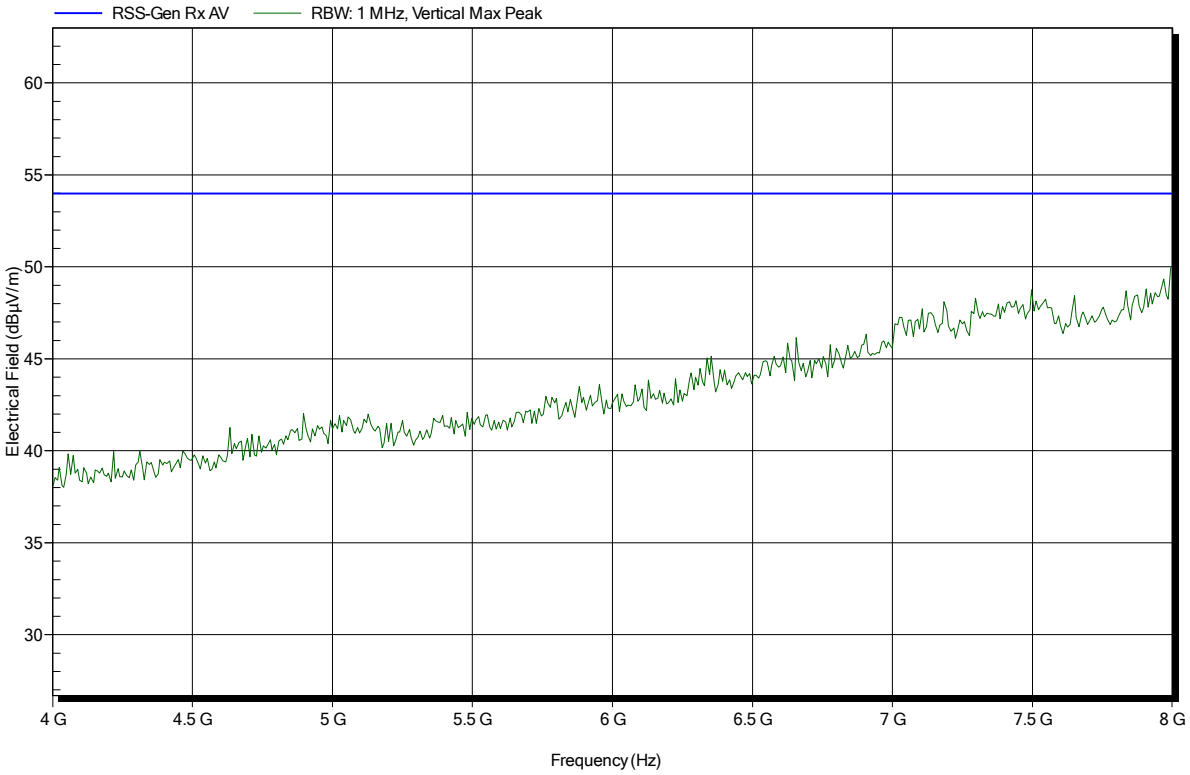


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 138

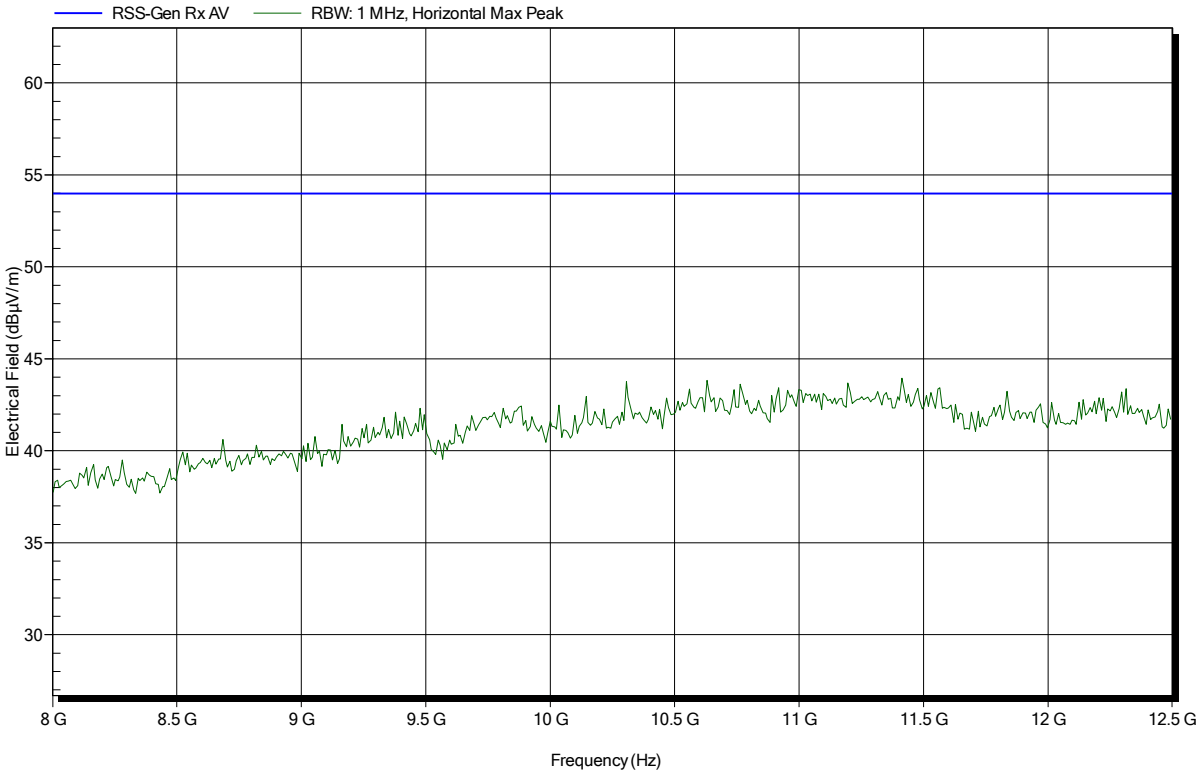


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 134

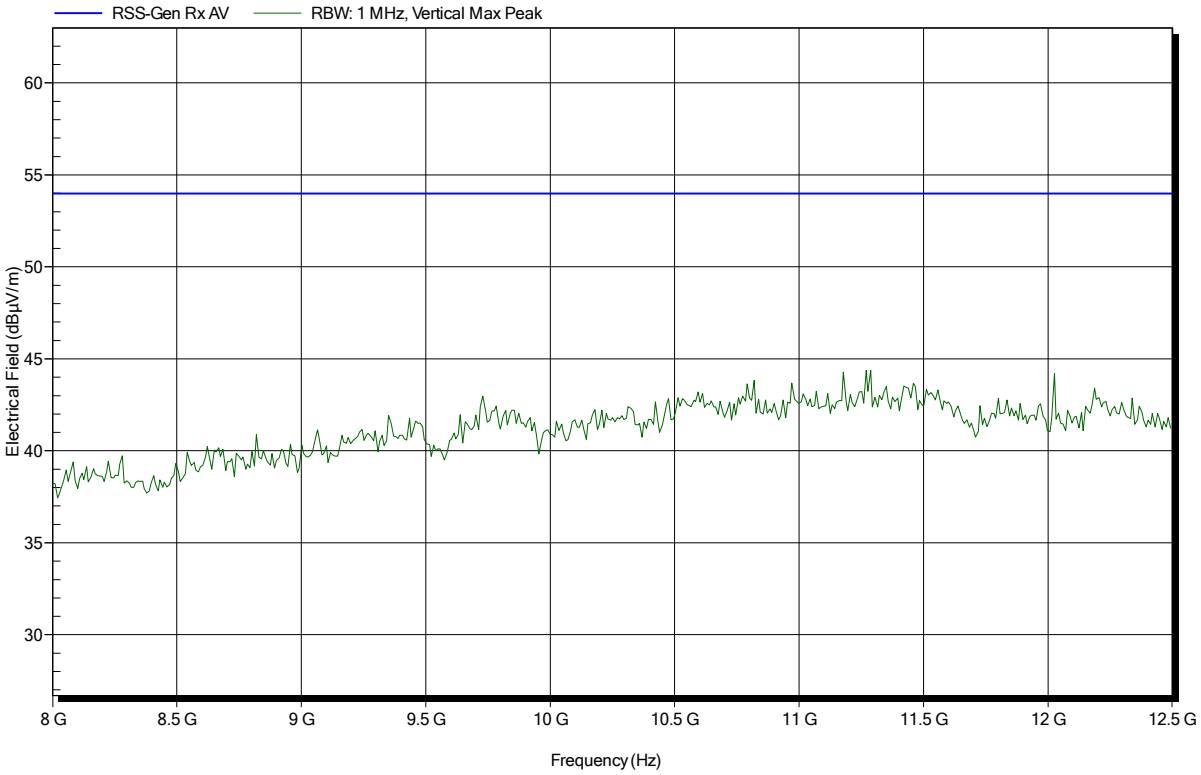


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 135

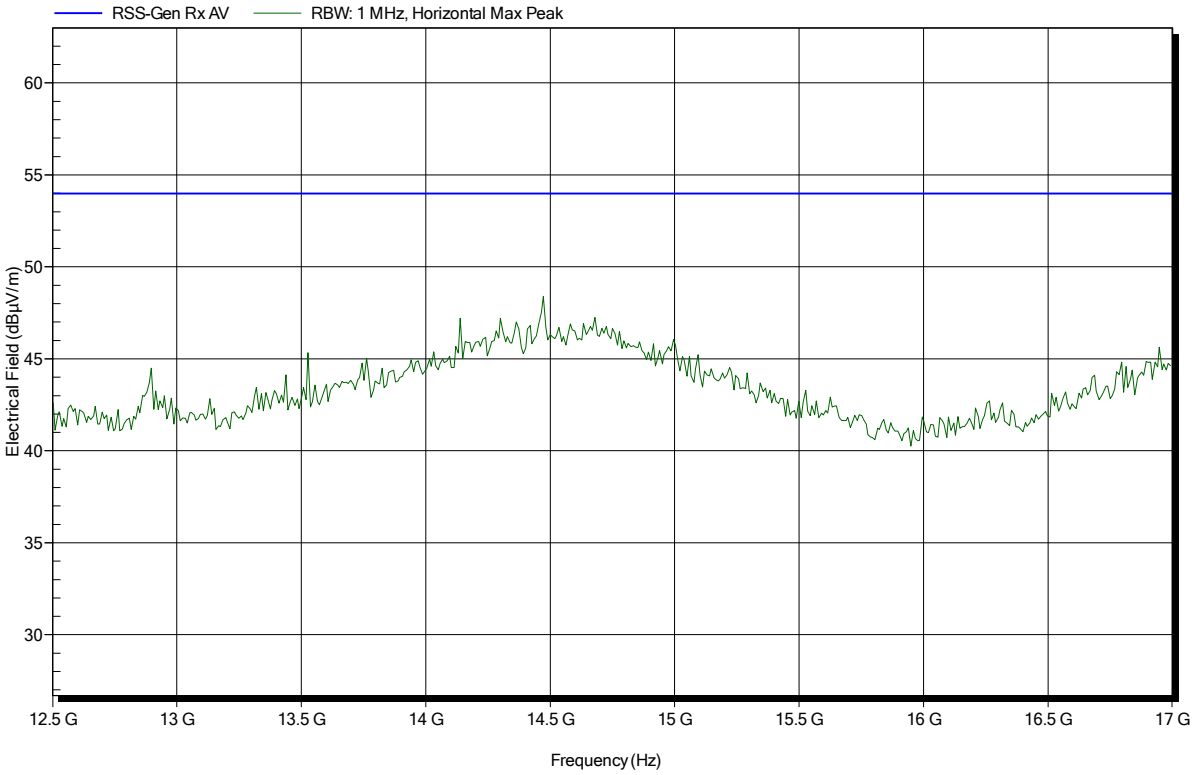


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 133

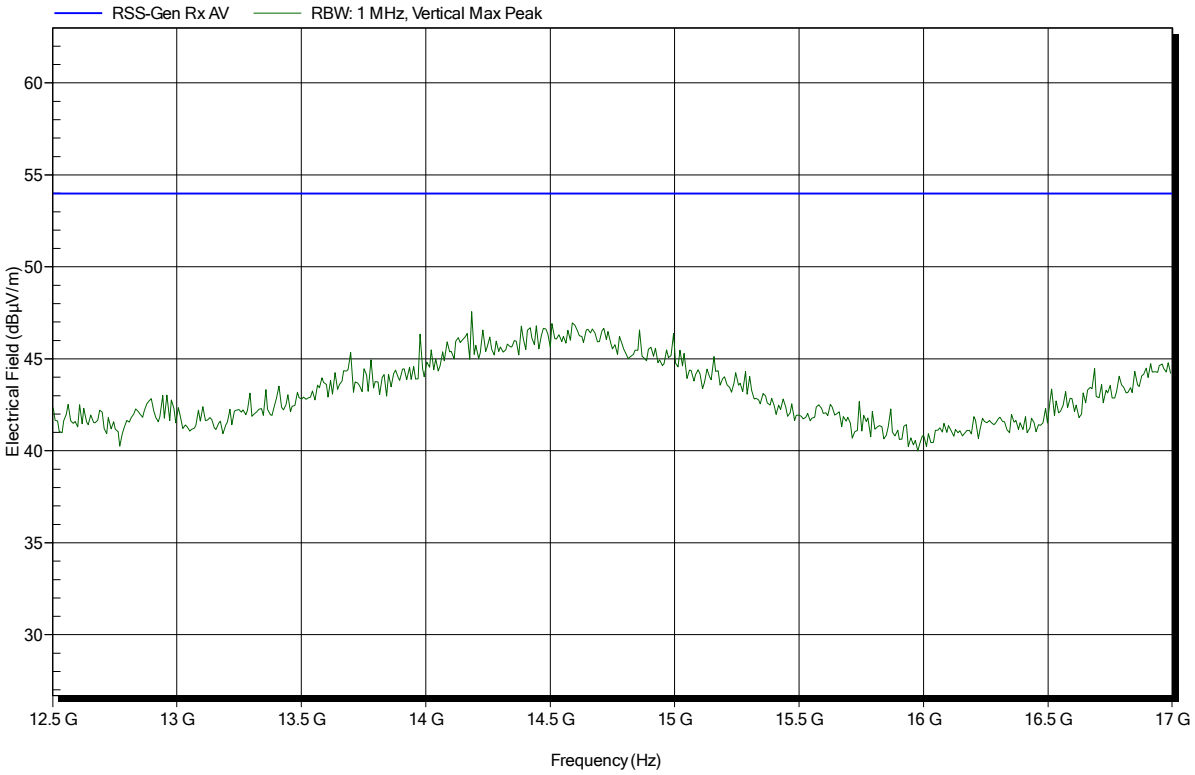


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 136

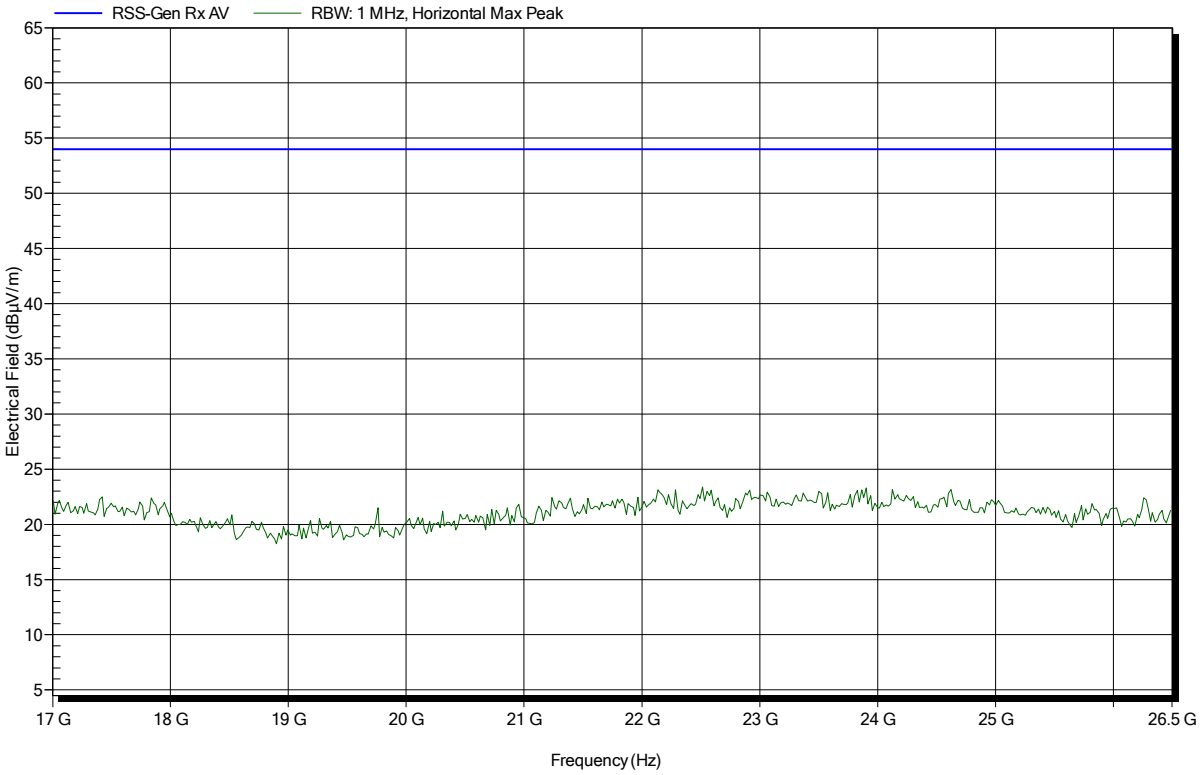


Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 131



Spurious emissions according to FCC 15.247

Project number: G0M-1701-6190

Applicant:	Kamstrup A/S
EUT Name:	READy Converter for US/Canada market
Model:	READy Converter
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; BT Scan Mode
Test Date:	2017-02-15
Note:	

Index 132