



<b>RADIO REPORT</b> <b>FCC 47 CFR Part 15C</b> <b>ISED Canada RSS-247</b> <b>Frequency hopping systems operating within the 2400 – 2483.5 MHz band</b>	
<b>Report Reference No</b>	G0M-1707-6716-TFC247BT-V01
<b>Testing Laboratory</b>	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	 <p>A2LA Accredited Testing Laboratory, Certificate No.: 1983.01                      FCC Test Firm Designation Number: DE0008                      IC Testing Laboratory site: 3470A-2</p>
<b>Applicant</b>	Dräger Safety AG & Co. KGaA
<b>Address</b>	Revalstraße 1 23560 Lübeck GERMANY
<b>Test Specification</b>	According to FCC/ISED rules
Standard	47 CFR Part 15C RSS-247, Issue 2, 2017-02
Non-Standard Test Method	None
Test Scope	partial compliance test
<b>Equipment under Test (EUT):</b>	
Product Description	Gebälsefiltergerät
Model(s)	R59550
Additional Model(s)	None
Brand Name(s)	Dräger X-plore 8700 (Ex)
Hardware Version(s)	04
Software Version(s)	2.01
FCC-ID	X60-XPLORE8700
IC	5895F-XPLORE8700
<b>Test Result</b>	<b>PASSED</b>

<b>Possible test case verdicts:</b>		
required by standard but not tested	N/T	
not required by standard	N/R	
not applicable to EUT	N/A	
test object does meet the requirement	P(PASS)	
test object does not meet the requirement	F(FAIL)	
<b>Testing:</b>		
Test Lab Temperature	20 - 23 °C	
Test Lab Humidity	32 – 38 %	
Date of receipt of test item	2017-11-28	
<b>Report:</b>		
Compiled by	Burkhard Pudell	
Tested by (+ signature) (Responsible for Test)	Burkhard Pudell	
Approved by (+ signature) (Deputy Head of Lab)	Toralf Jahn	
Date of Issue	2018-02-13	
Total number of pages	81	
<b>General Remarks:</b>		
<p>The test results presented in this report relate only to the object tested.</p> <p>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.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p>		
<b>Additional Comments:</b>		

## VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2018-02-13	Initial Release	

## ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
BR	Bluetooth Basic 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 <sub>NOM</sub>	Nominal supply voltage

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## 1 Equipment (Test Item) Under Test

Description	Gebläsefiltergerät	
Model	R59550	
Additional Model(s)	None	
Brand Name(s)	Dräger X-plore 8700 (Ex)	
Serial Number(s)	16218	
Hardware Version(s)	04	
Software Version(s)	2.01	
PMN	Dräger X-plore 8700 (Ex)	
HVIN	R59550	
FVIN	N/A	
HMN	R59550	
FCC-ID	X6O-XPLORE8700	
IC	5895F-XPLORE8700	
Equipment type	End Product	
Radio type	Transceiver	
Assigned frequency bands	2400 - 2483.5 MHz	
Radio technology	Bluetooth	
Modulation	GFSK	
Number of antenna ports	1	
Radio Module	Type	Bluetooth module
	Model	PAN1026
	Manufacturer	Panasonic
	HW Version	none
	SW Version	none
Antenna	Type	Chip Antenna
	Model	BDA212G3110K / ANT2012LL 13R2400A
	Manufacturer	Murata / Yageo
	Gain	+ 0.9 dBi
Supply Voltage	$V_{NOM}$	10.7 VDC
Operating Temperature	$T_{NOM}$	25 °C
AC/DC-Adaptor	Model	none
	Vendor	none
	Input	none
	Output	none
Manufacturer	Dräger Safety AG & Co. KGaA Revalstraße 1 23560 Lübeck GERMANY	

1.1 Photos – Equipment External

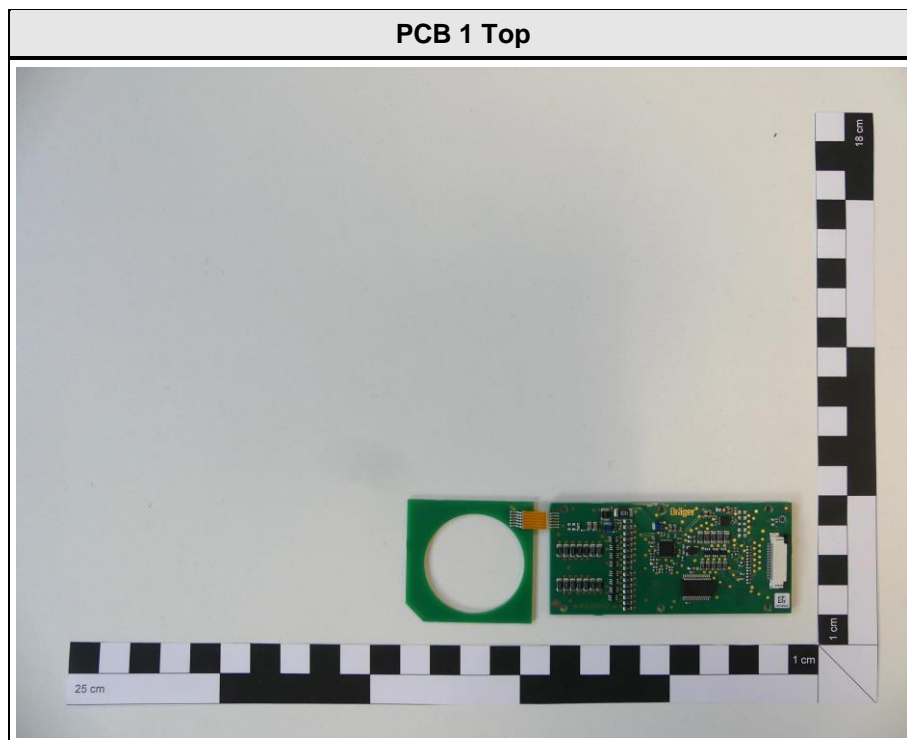
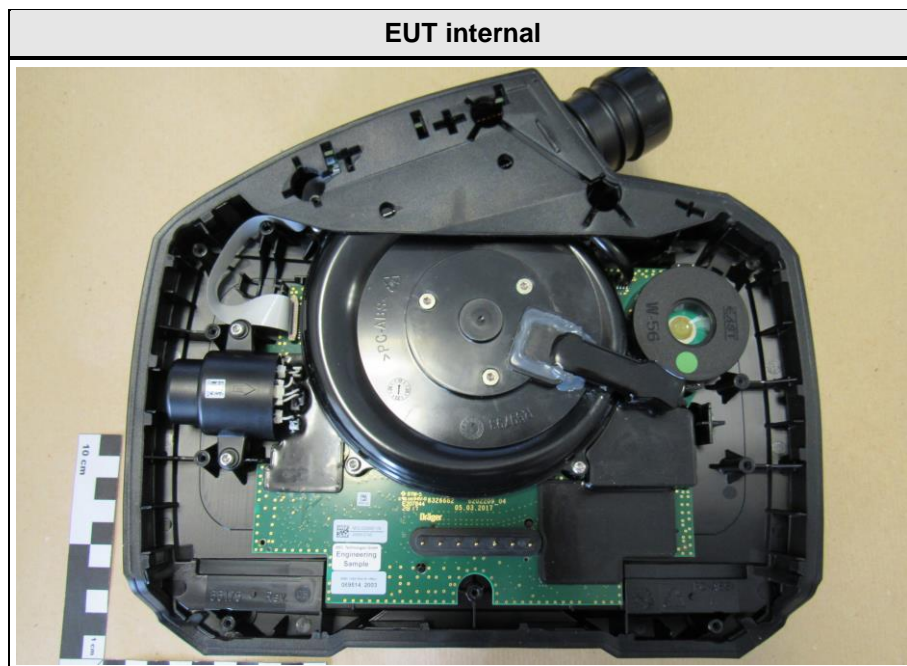


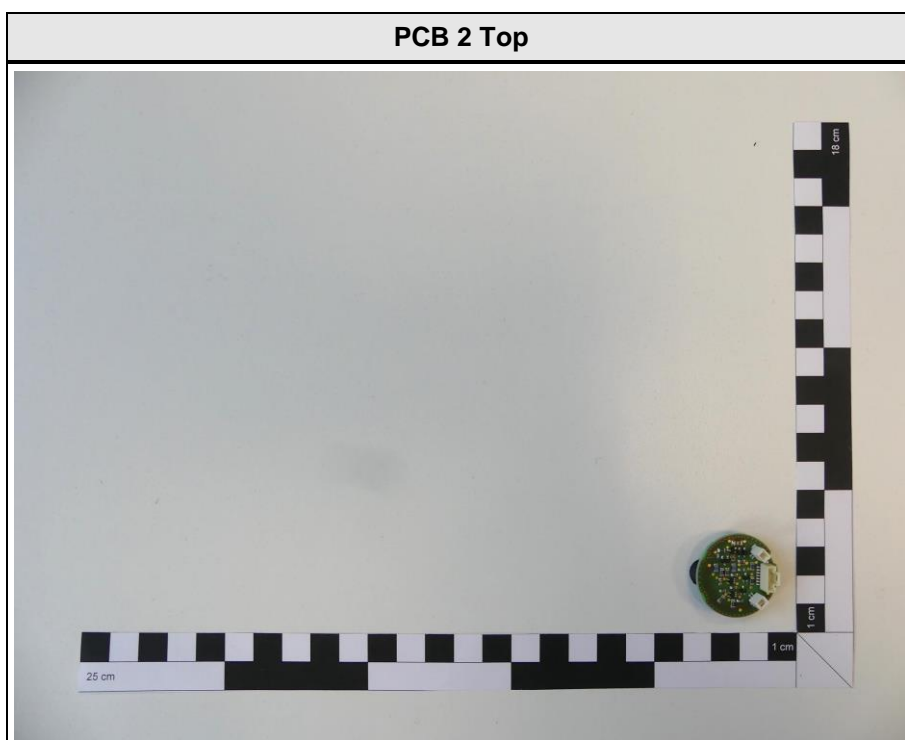
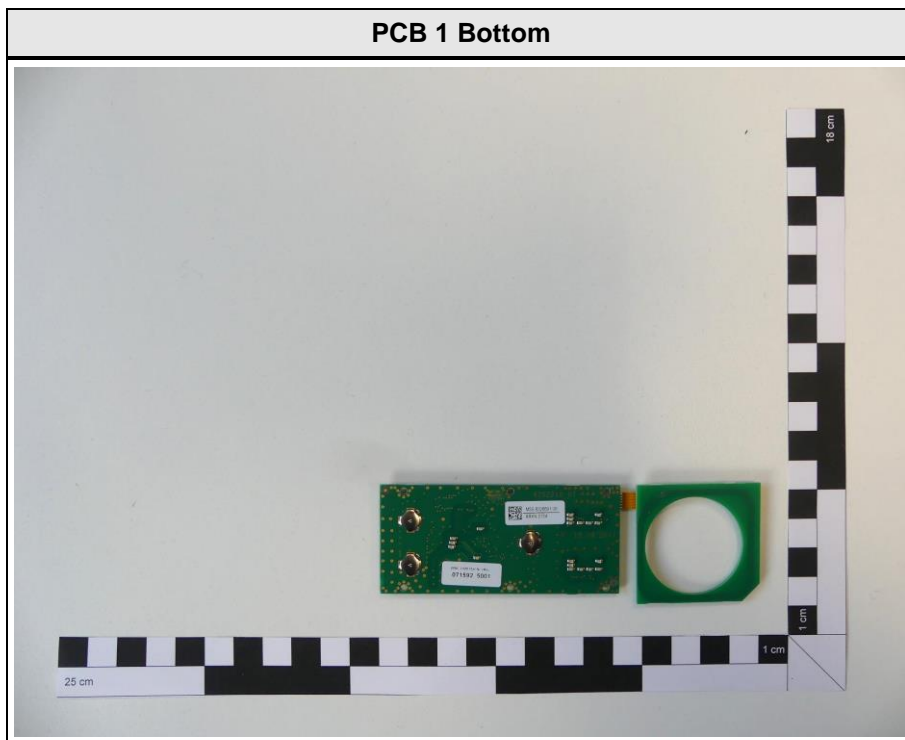


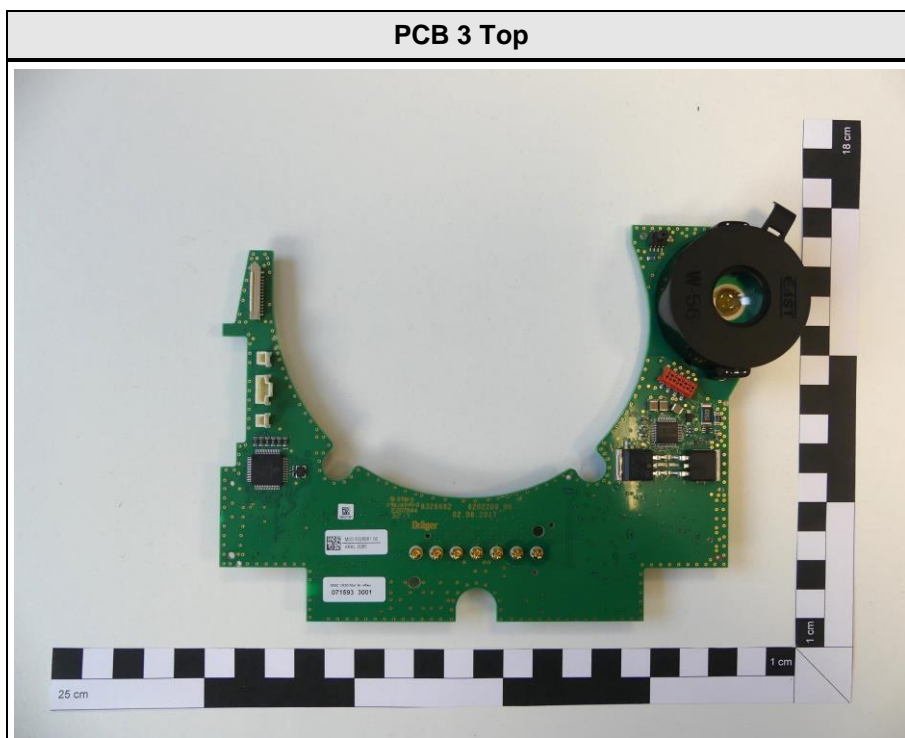
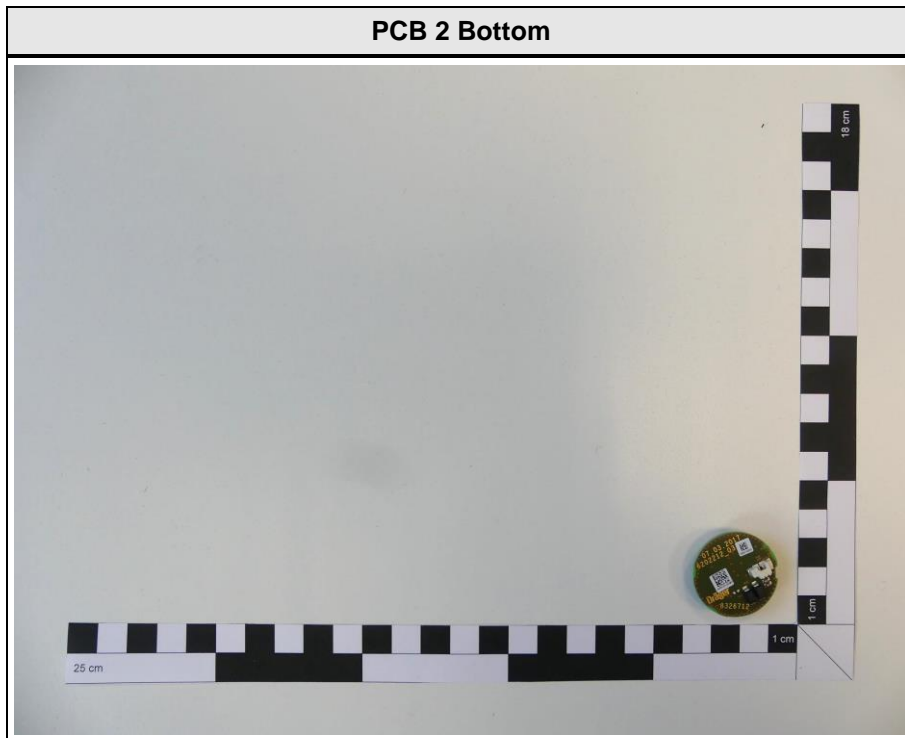


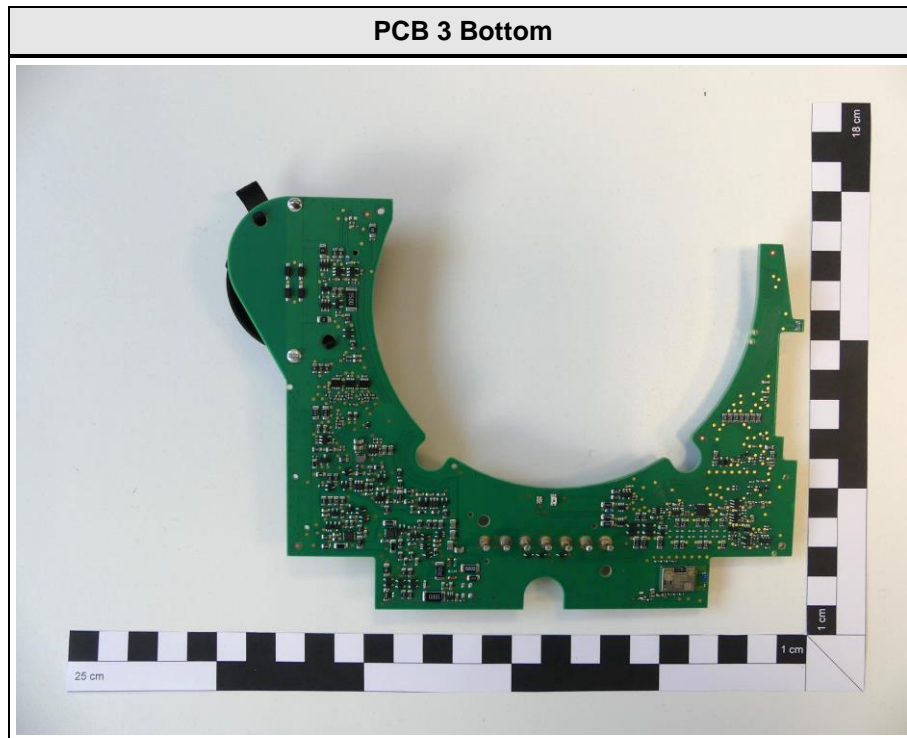


1.2 Photos – Equipment Internal

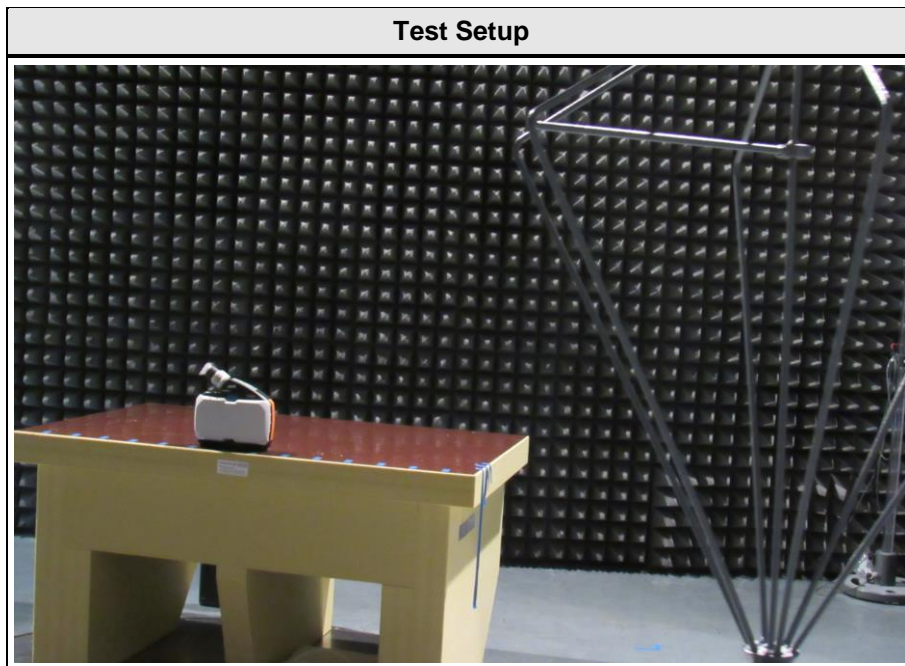








### 1.3 Photos – Test Setup



#### 1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
SIM	Communication Tester	R&S	CBT	BT-DUT mode
Description:				
AE	Auxillary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
Comment:				

**1.5 Test Modes**

Mode	Description
DH5 Single	Mode = Transmit DUT mode Modulation = GFSK Spreading = None Packet type = DH5 Duty cycle = 78%
Receive	Mode = Receive (Scan) Hopping
Comment:	



## 1.6 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx / Rx	0	2402
F2	Tx / Rx	39	2441
F3	Tx / Rx	78	2480

### 1.7 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:

$$\text{Reading on Analyzer (dB}\mu\text{V)} + \text{A.F. (dB)} = \text{Net field strength (dB}\mu\text{V/m)}$$

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:

$$\text{Limit (dB}\mu\text{V/m)} = 20 \cdot \log(\mu\text{V/m})$$

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-247				
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-GEN § 8.9	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

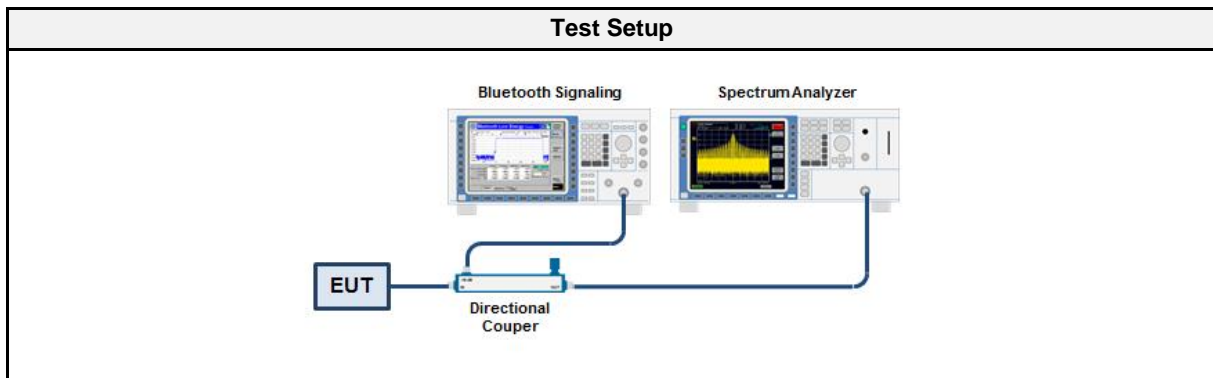
##### 3.1.1 Information

Test Information	
Reference	ISED RSS-Gen 6.6
Measurement Method	ANSI C63.10 6.9.3
Operator	Burkhard Pudell
Date	2017-12-01

##### 3.1.2 Limits

Limits
None (Informational only)

##### 3.1.3 Setup



##### 3.1.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSIQ 26	EF00151	2017-07	2018-07

##### 3.1.5 Procedure

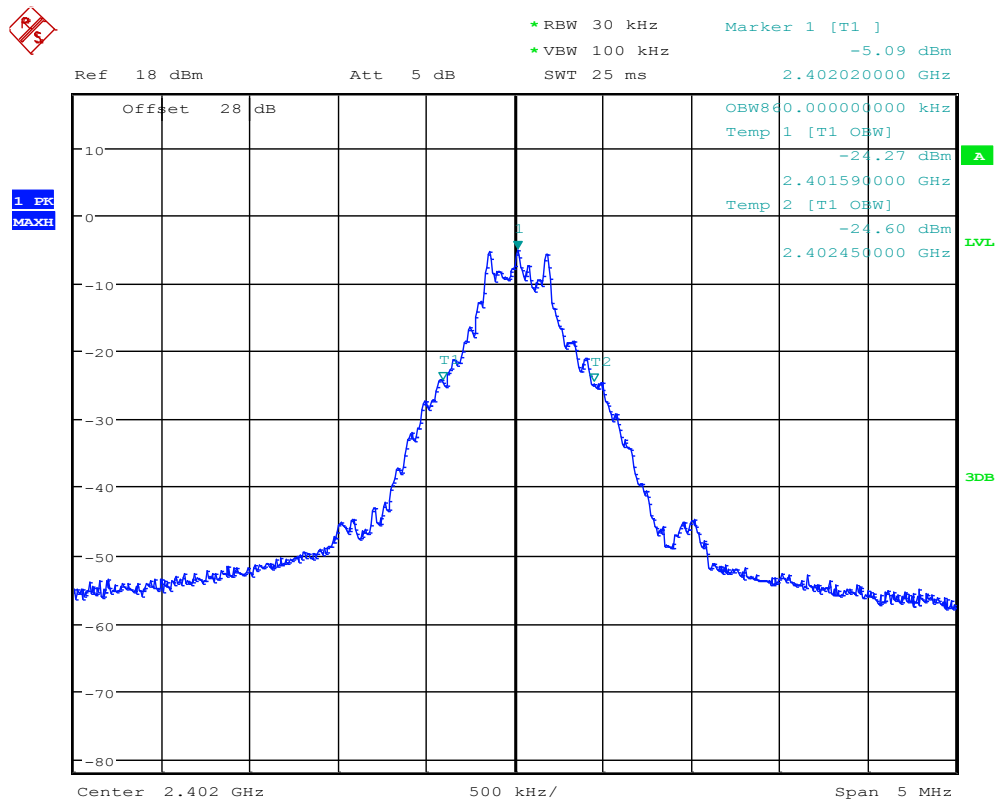
Test Procedure
<ol style="list-style-type: none"> <li>1. EUT transmitter is activated in test mode under normal conditions</li> <li>2. The spectrum analyzer is set to peak detection and maximum hold with a span twice the emission spectrum</li> <li>3. The resolution bandwidth is set to 1 % of the bandwidth</li> <li>4. The occupied bandwidth is measured with the build-in analyzer function</li> </ol>

## 3.1.6 Results

Test Results		
Mode	Frequency [MHz]	Bandwidth [MHz]
DH5	2402	0.860
DH5	2441	0.860
DH5	2480	0.865

**Occupied Bandwidth**

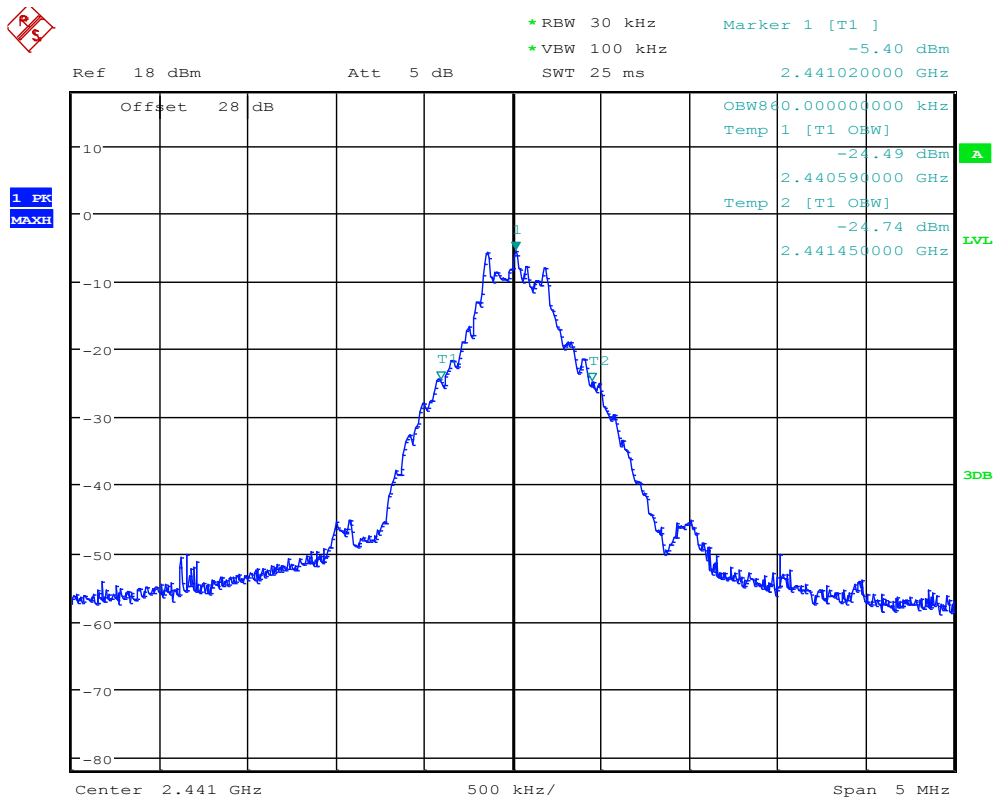
Project Number: G0M-1707-6716  
 Applicant: Dräger Safety AG & Co. KGaA  
 Model Description: Gebläsefiltergerät  
 Model: R59550  
 Test Sample ID: 16222  
 Reference Standards: FCC 15.247, RSS-247  
 Reference Method: ANSI C63.10:2013, Section 6.9.3  
 Operational Mode: DH5, Channel: 0, 2402 MHz  
 Operating Conditions: Tnom/Vnom  
 Operator: B. Pudell  
 Test Site: Eurofins Product Service GmbH  
 Test Date: 2017-12-01  
 Occupied Bandwidth [MHz]: 0.860



Date: 1.DEC.2017 10:17:51

**Occupied Bandwidth**

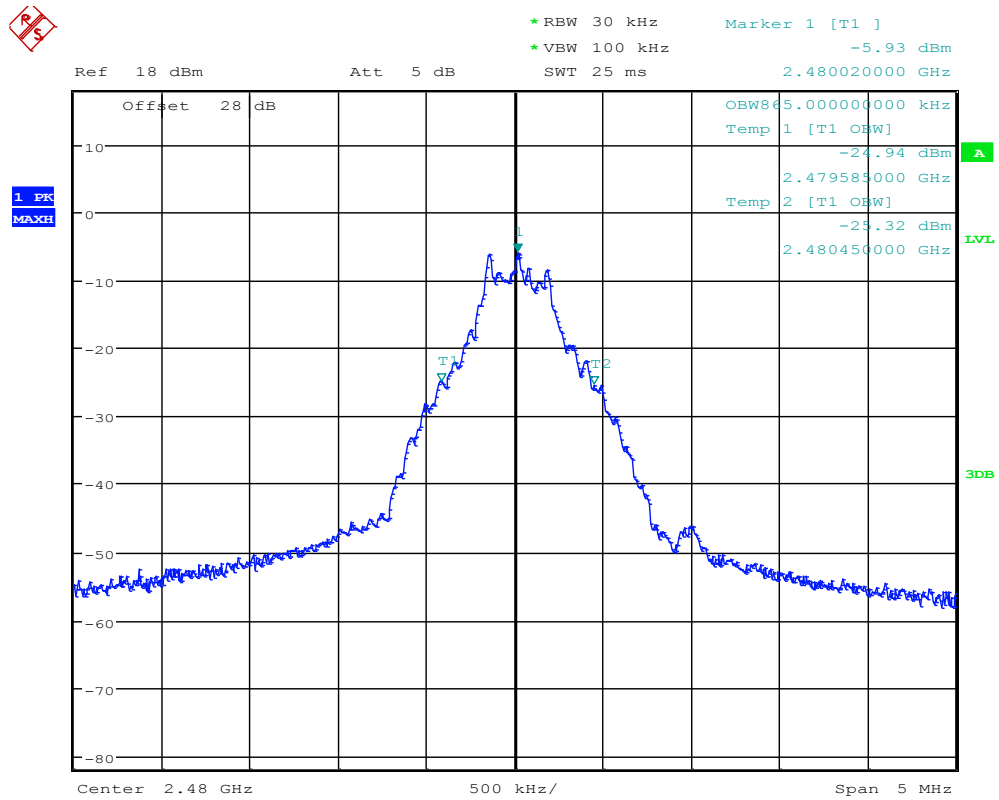
Project Number: G0M-1707-6716  
 Applicant: Dräger Safety AG & Co. KGaA  
 Model Description: Gebläsefiltergerät  
 Model: R59550  
 Test Sample ID: 16222  
 Reference Standards: FCC 15.247, RSS-247  
 Reference Method: ANSI C63.10:2013, Section 6.9.3  
 Operational Mode: DH5, Channel: 39, 2441 MHz  
 Operating Conditions: Tnom/Vnom  
 Operator: B. Pudell  
 Test Site: Eurofins Product Service GmbH  
 Test Date: 2017-12-01  
 Occupied Bandwidth [MHz]: 0.860



Date: 1.DEC.2017 10:22:05

**Occupied Bandwidth**

Project Number: G0M-1707-6716  
 Applicant: Dräger Safety AG & Co. KGaA  
 Model Description: Gebläsefiltergerät  
 Model: R59550  
 Test Sample ID: 16222  
 Reference Standards: FCC 15.247, RSS-247  
 Reference Method: ANSI C63.10:2013, Section 6.9.3  
 Operational Mode: DH5, Channel: 78, 2480 MHz  
 Operating Conditions: Tnom/Vnom  
 Operator: B. Pudell  
 Test Site: Eurofins Product Service GmbH  
 Test Date: 2017-12-01  
 Occupied Bandwidth [MHz]: 0.865



Date: 1.DEC.2017 10:26:48



### 3.2 Test Conditions and Results - Transmitter radiated emissions

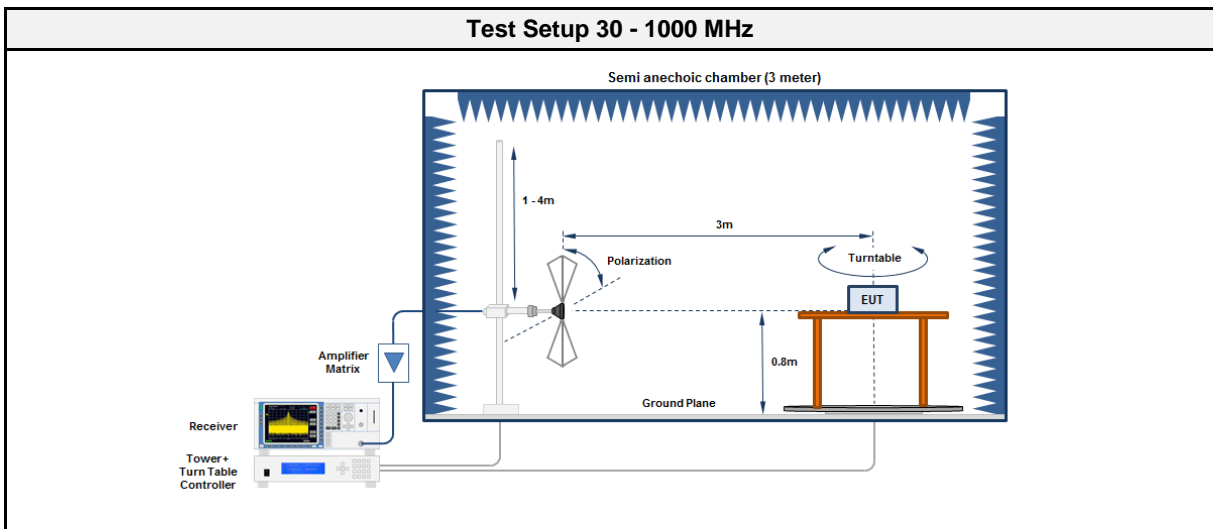
#### 3.2.1 Information

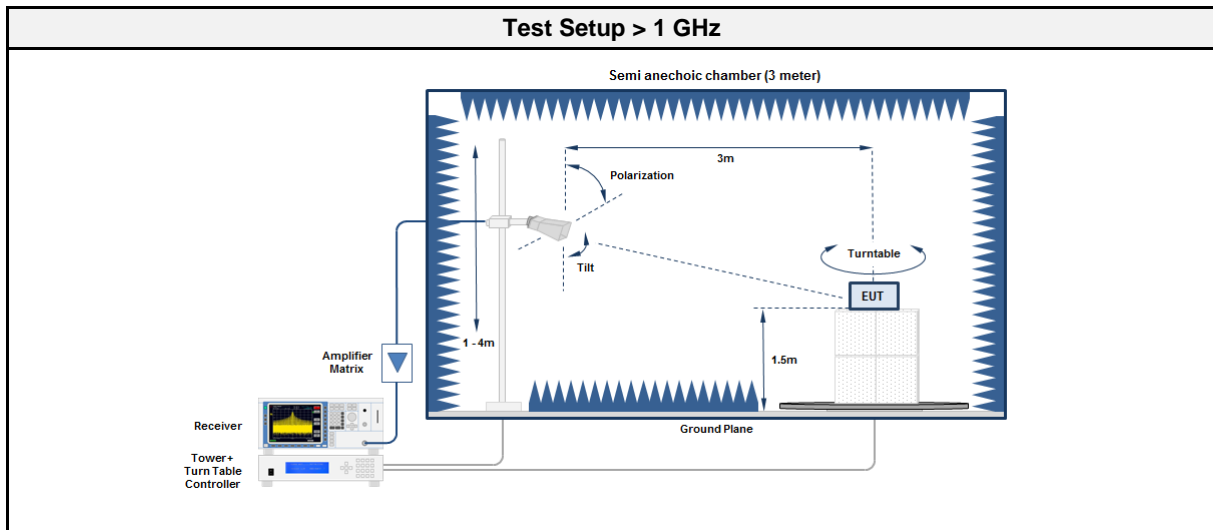
Test Information	
Reference	FCC 15.247(d) / ISED RSS-GEN 8.9
Measurement Method	ANSI C63.10 6.4, 6.5, 6.6
Operator	Burkhard Pudell
Date	2017-11-28

#### 3.2.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [dB $\mu$ V/m]	Measurement distance [m]
0.009 - 0.09	Average	2400/F[kHz]	300
0.09 - 0.110	Quasi-Peak	2400/F[kHz]	300
0.110 - 0.490	Average	2400/F[kHz]	300
0.490 - 1.705	Quasi-Peak	24000/F[kHz]	30
1.705 - 30.0	Quasi-Peak	30	30
30 - 88	Quasi-Peak	100	3
88 - 216	Quasi-Peak	150	3
216 - 960	Quasi-Peak	200	3
960 - 1000	Quasi-Peak	500	3
>1000	Average	500	3

#### 3.2.3 Setup





### 3.2.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	-	-
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2017-08	2018-08
Antenna	R&S	HK 116	EF00012	2016-05	2019-05
Antenna	R&S	HL 223	EF00212	2016-04	2019-04

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	-	-
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2017-08	2018-08
Antenna	R&S	BBHA 9120D	EF00018	2016-09	2019-09
Antenna	Amplifier Research	AT4560	EF01152	2017-10	2018-10

3.2.5 Procedure

<b>Test Procedure &lt; 30 MHz</b>	
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 EUT is rotated through 360°
4.	The emissions are measured with peak detector and max hold
5.	All significant emissions are measured again using the corresponding final detector

<b>Test Procedure 30 - 1000 MHz</b>	
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

<b>Test Procedure &gt; 1 GHz</b>	
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

3.2.6 Results

<b>Test Results - DH5</b>						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2480	2484	64.85	pk	ver	74.00	-09.15
2480	2484	38.03	avg	ver	54.00	-15.97
2480	2484	64.98	pk	hor	74.00	-09.02
2480	2484	37.28	avg	hor	54.00	-16.72
2480	2488	54.77	pk	ver	74.00	-19.23
2480	2488	28.51	avg	ver	54.00	-25.49
2480	2488	54.18	pk	hor	74.00	-19.82
2480	2488	27.99	avg	hor	54.00	-26.01

### 3.3 Test Conditions and Results - Receiver radiated emissions

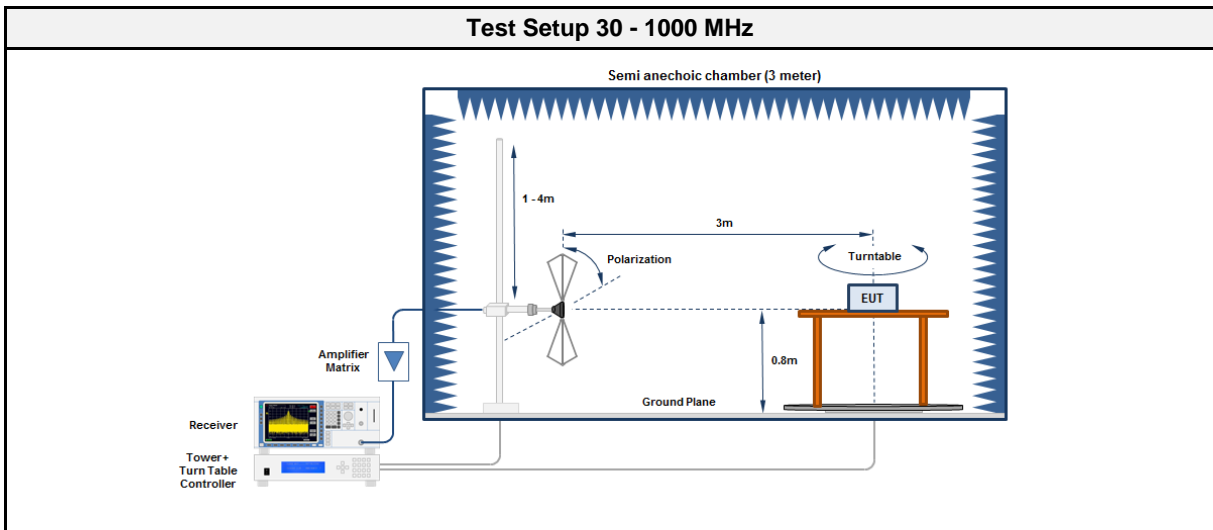
#### 3.3.1 Information

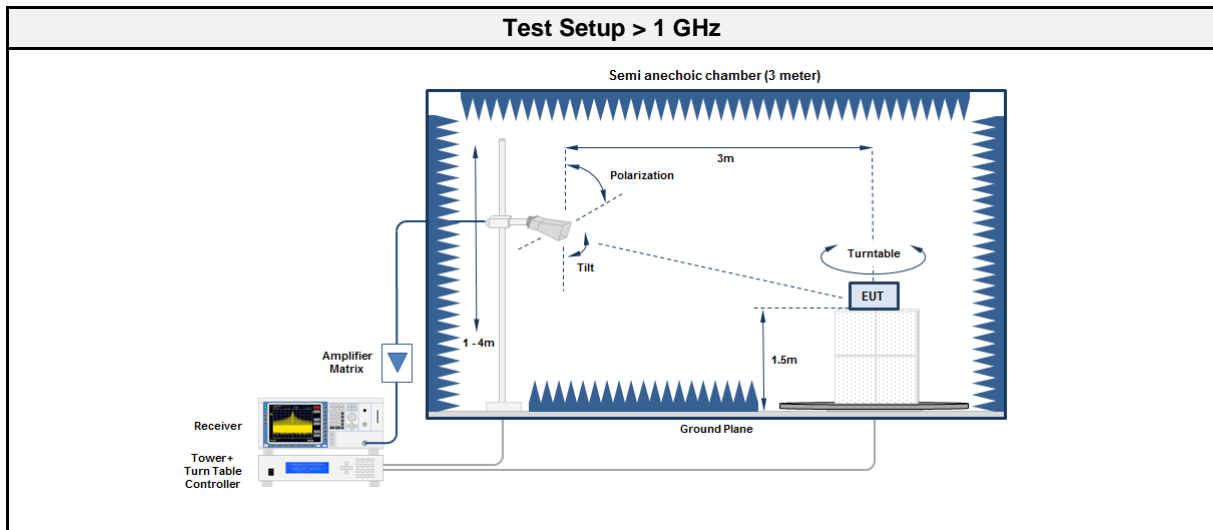
Test Information	
Reference	ISED RSS-247 3.1
Measurement Method	ANSI C63.10 6.5, 6.6
Operator	Burkhard Pudell
Date	2017-11-28

#### 3.3.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [dB $\mu$ V/m]	Measurement distance [m]
30 - 88	Quasi-Peak	100	3
88 - 216	Quasi-Peak	150	3
216 - 960	Quasi-Peak	200	3
960 - 1000	Quasi-Peak	500	3
>1000	Average	500	3

#### 3.3.3 Setup





### 3.3.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	-	-
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2017-08	2018-08
Antenna	R&S	HK 116	EF00012	2016-05	2019-05
Antenna	R&S	HL 223	EF00212	2016-04	2019-04

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	-	-
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2017-08	2018-08
Antenna	R&S	BBHA 9120D	EF00018	2016-09	2019-09
Antenna	Amplifier Research	AT4560	EF01152	2017-10	2018-10

### 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 [dB $\mu$ V/m]	Det.	Pol.	Limit [dB $\mu$ V/m]	Margin [dB]
Hop	11290	44.79	pk	ver	53.98	-09.19
Hop	11300	44.79	pk	hor	53.98	-09.19

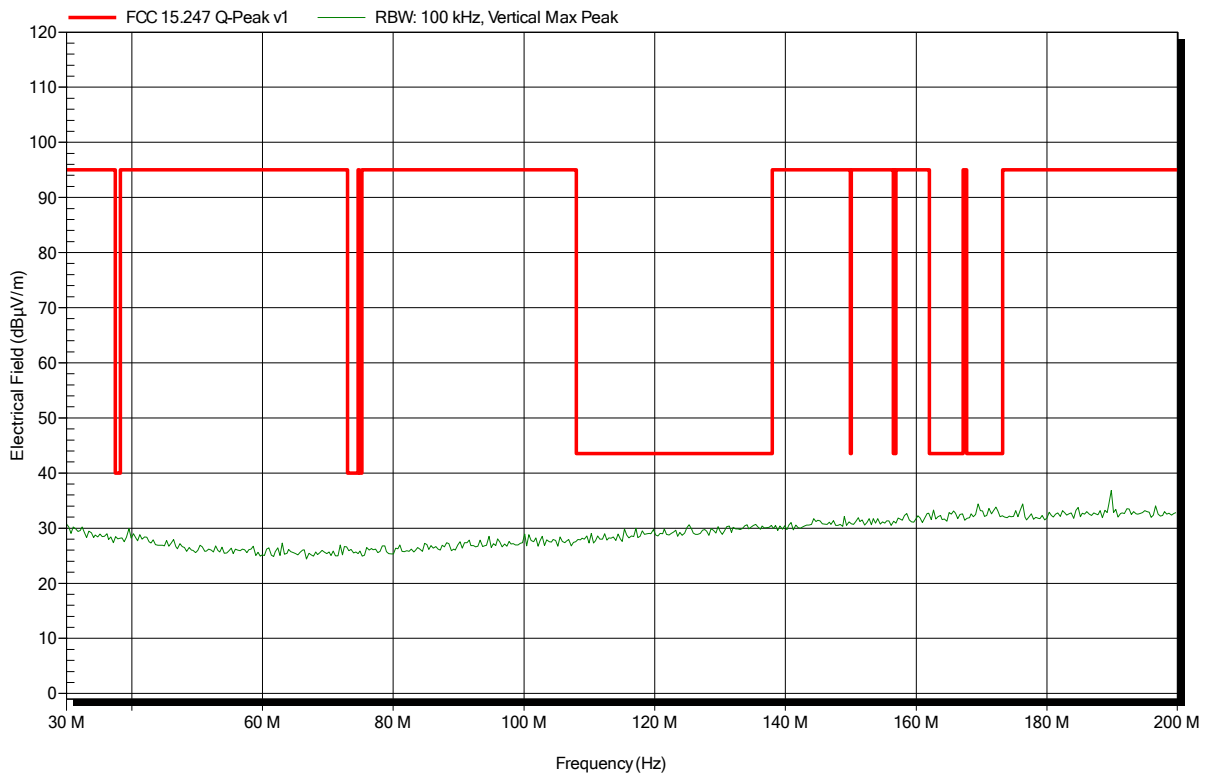
## ANNEX A Transmitter spurious emissions

### Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: HK116, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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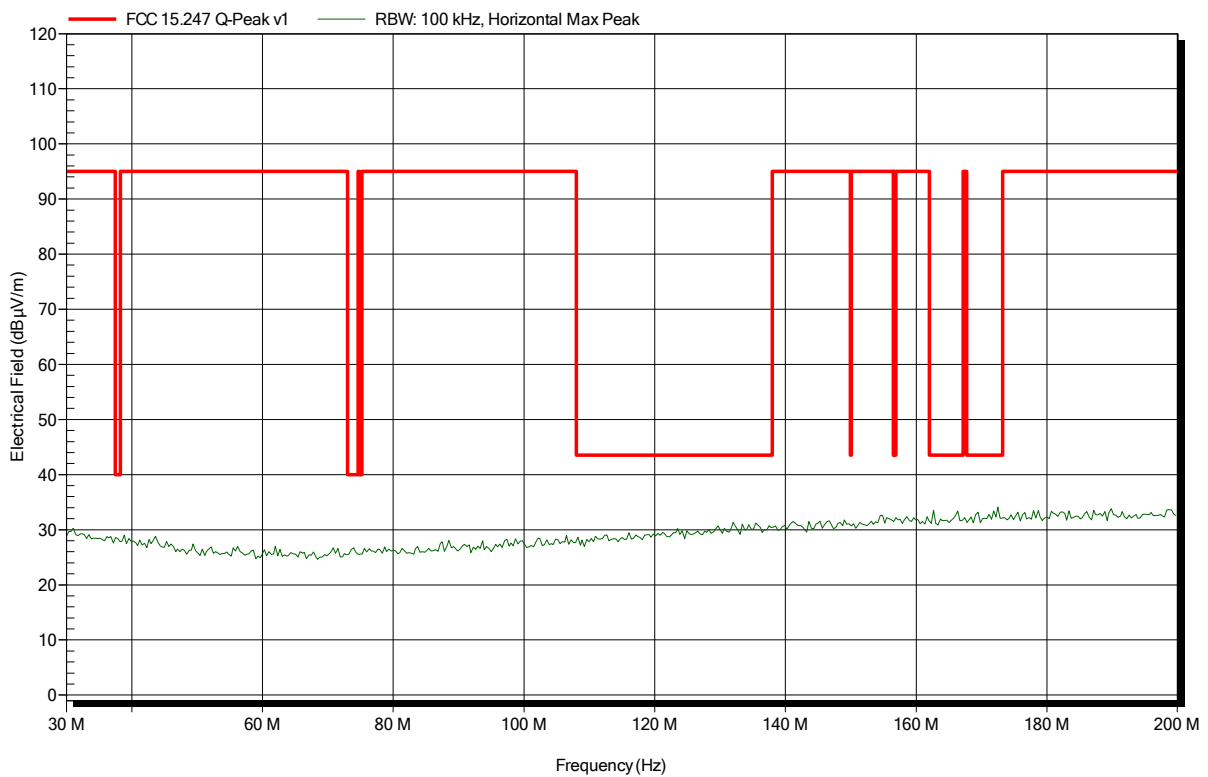


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: HK116, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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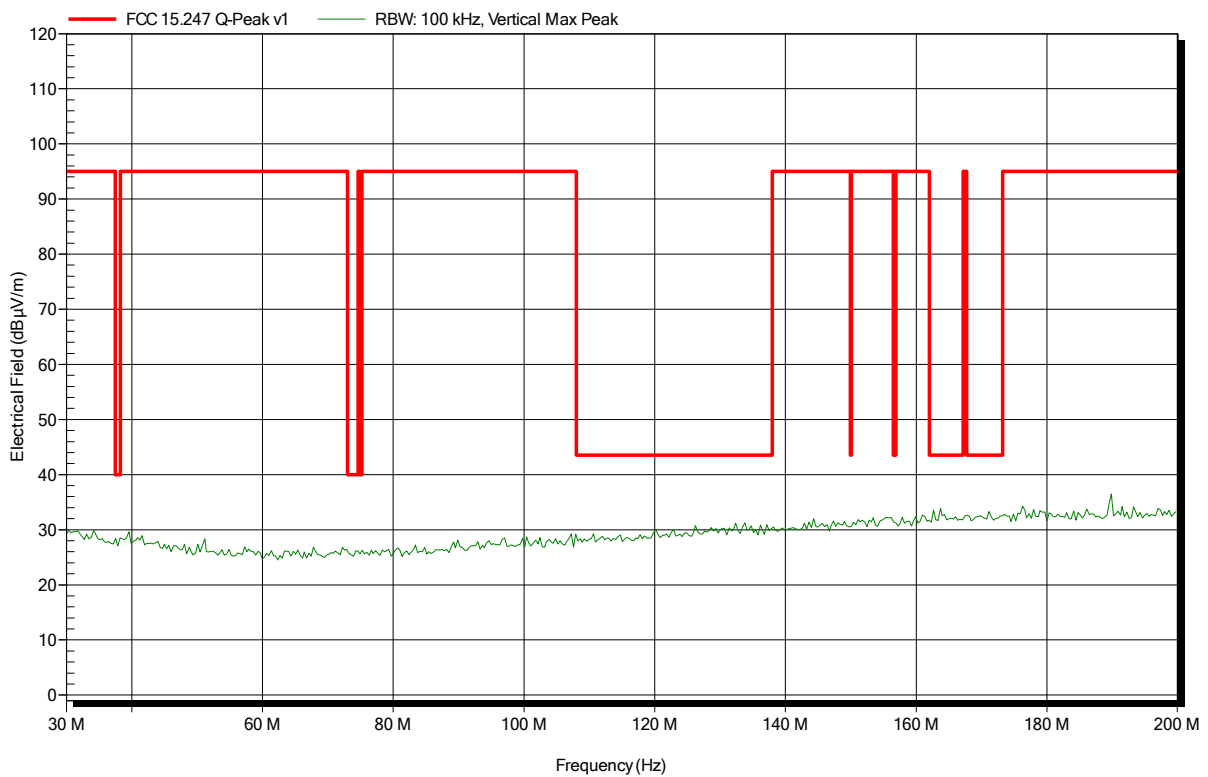


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: HK116, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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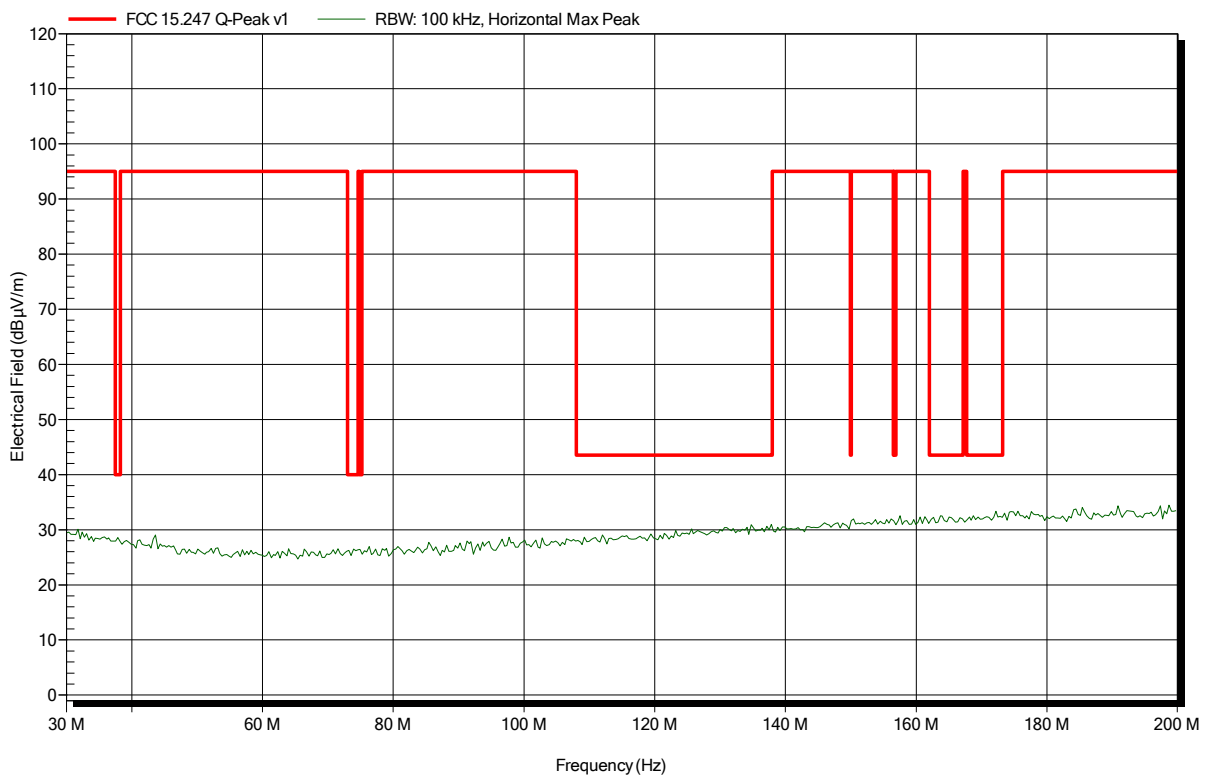


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: HK116, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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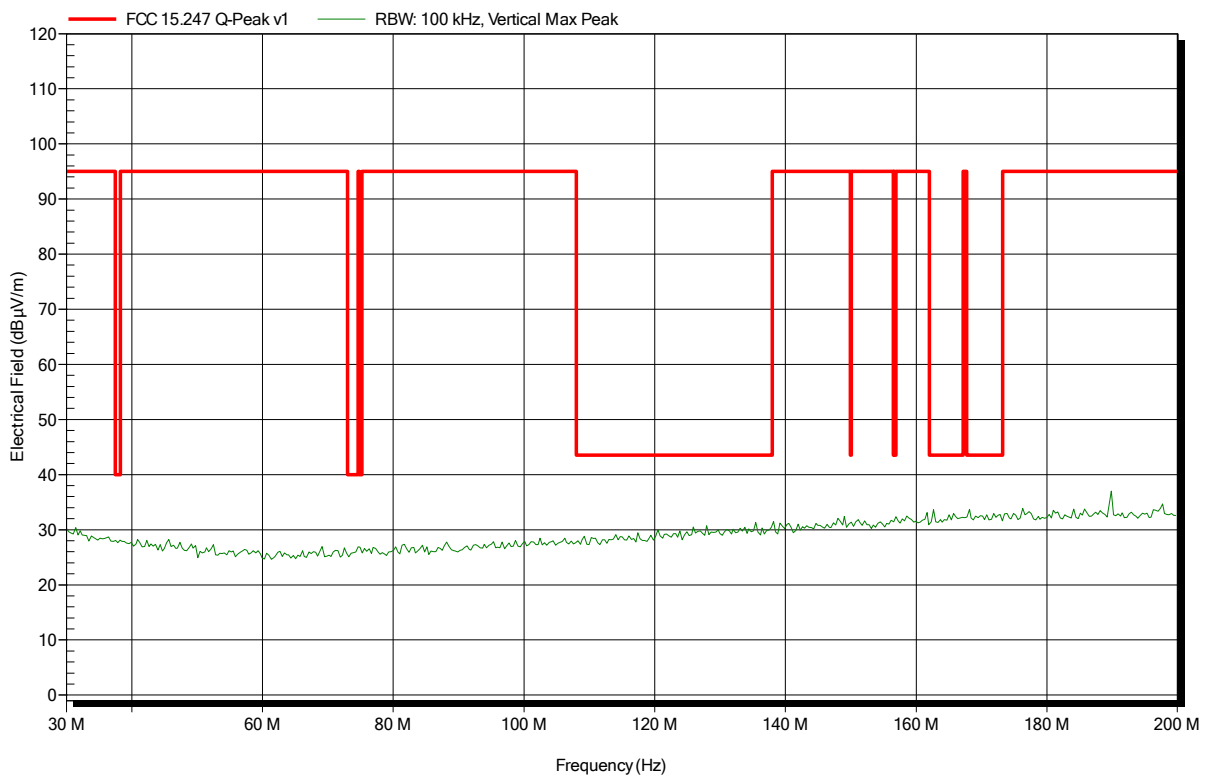


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: HK116, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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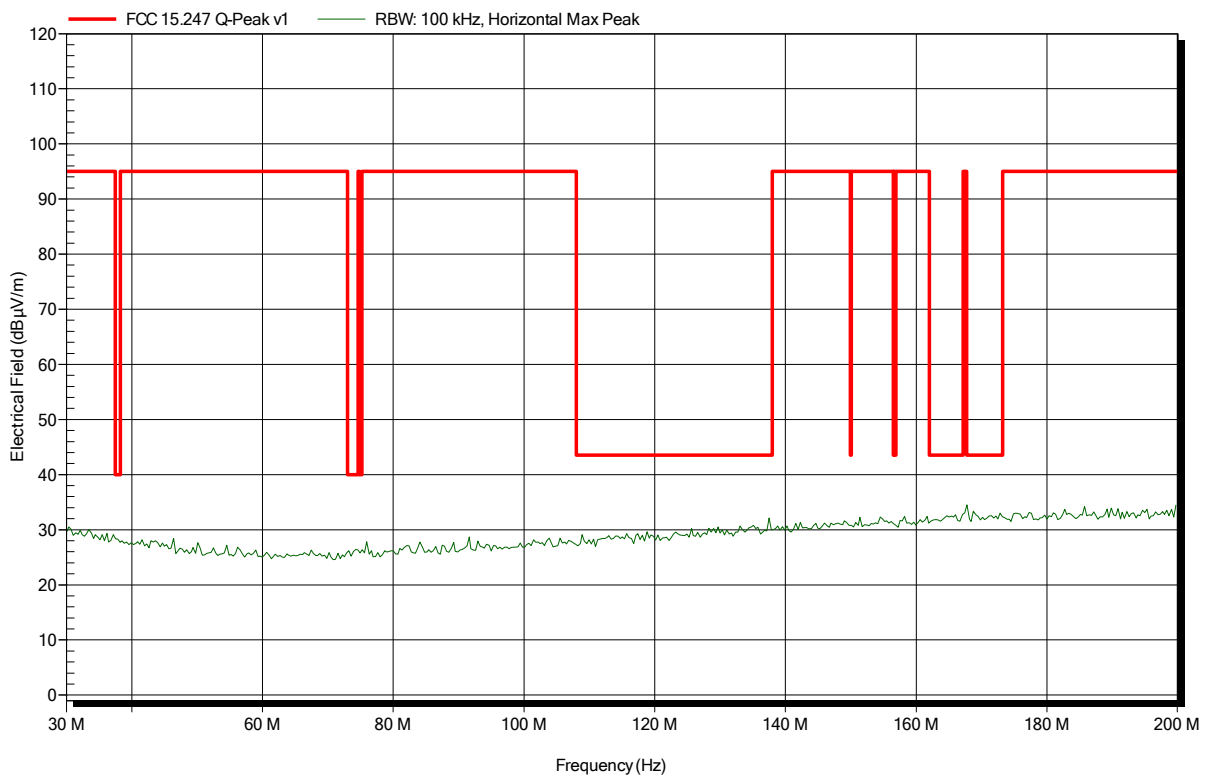


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: HK116, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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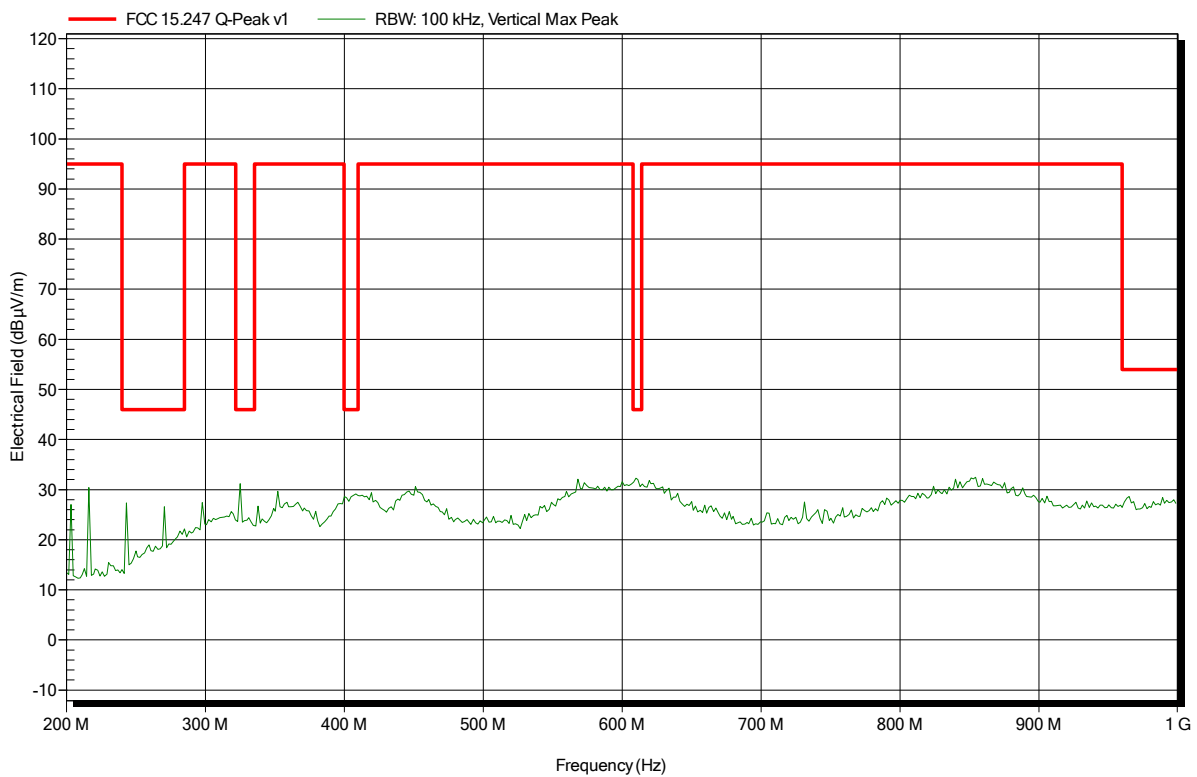


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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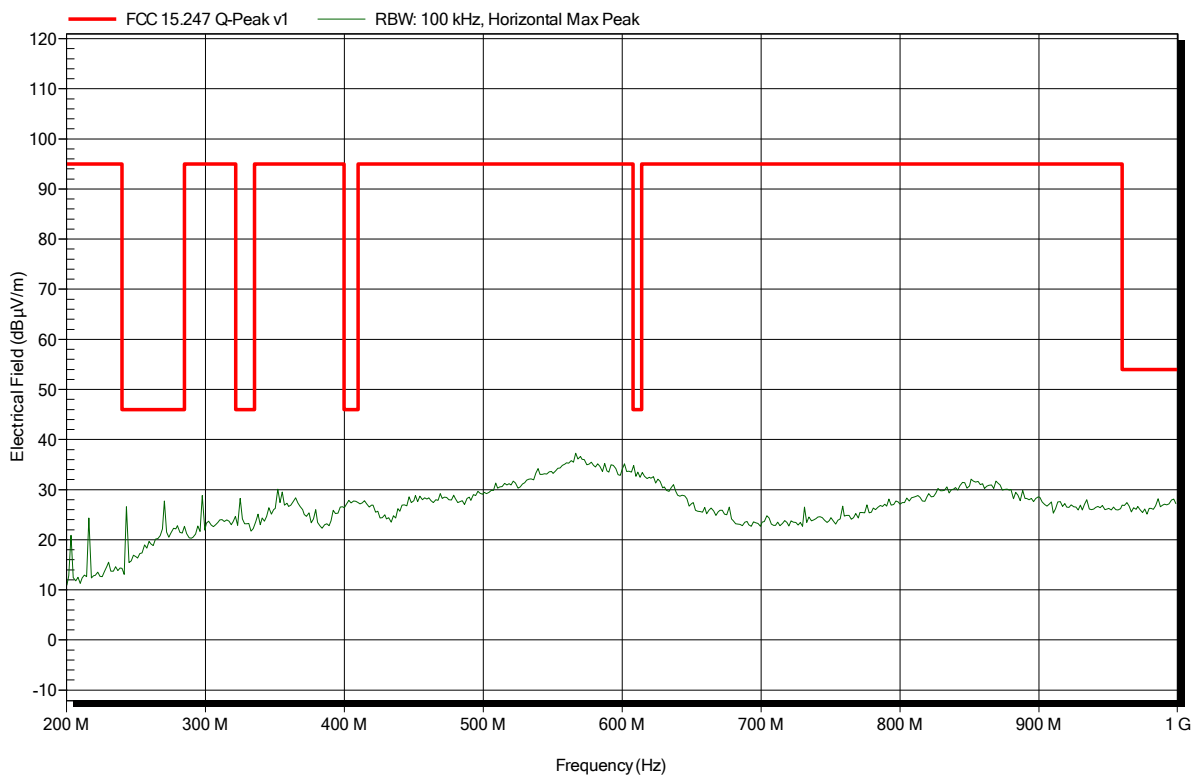


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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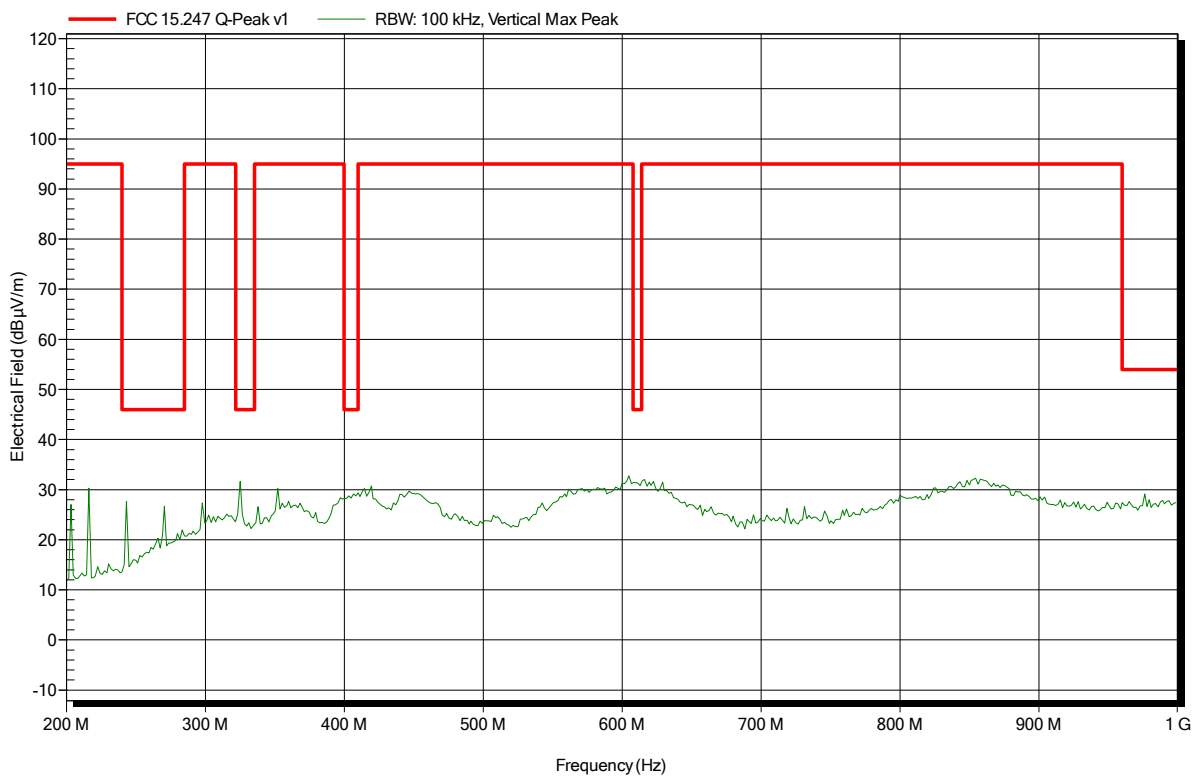


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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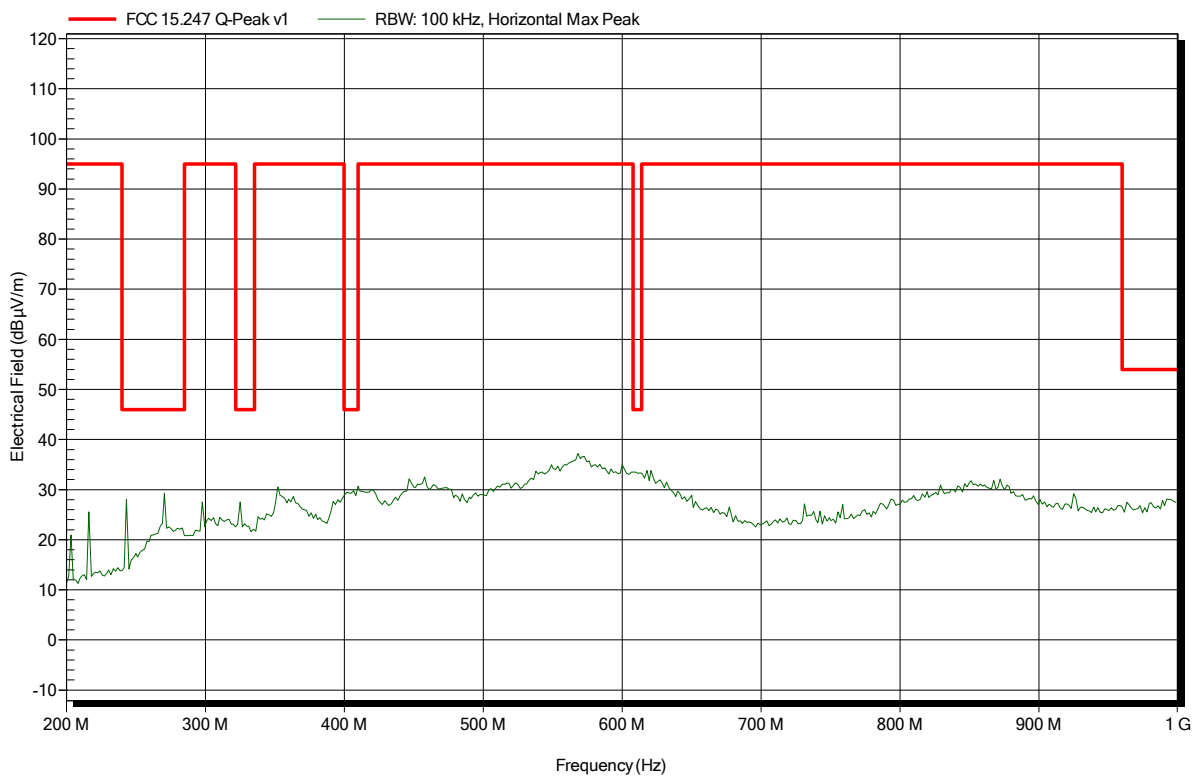


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
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 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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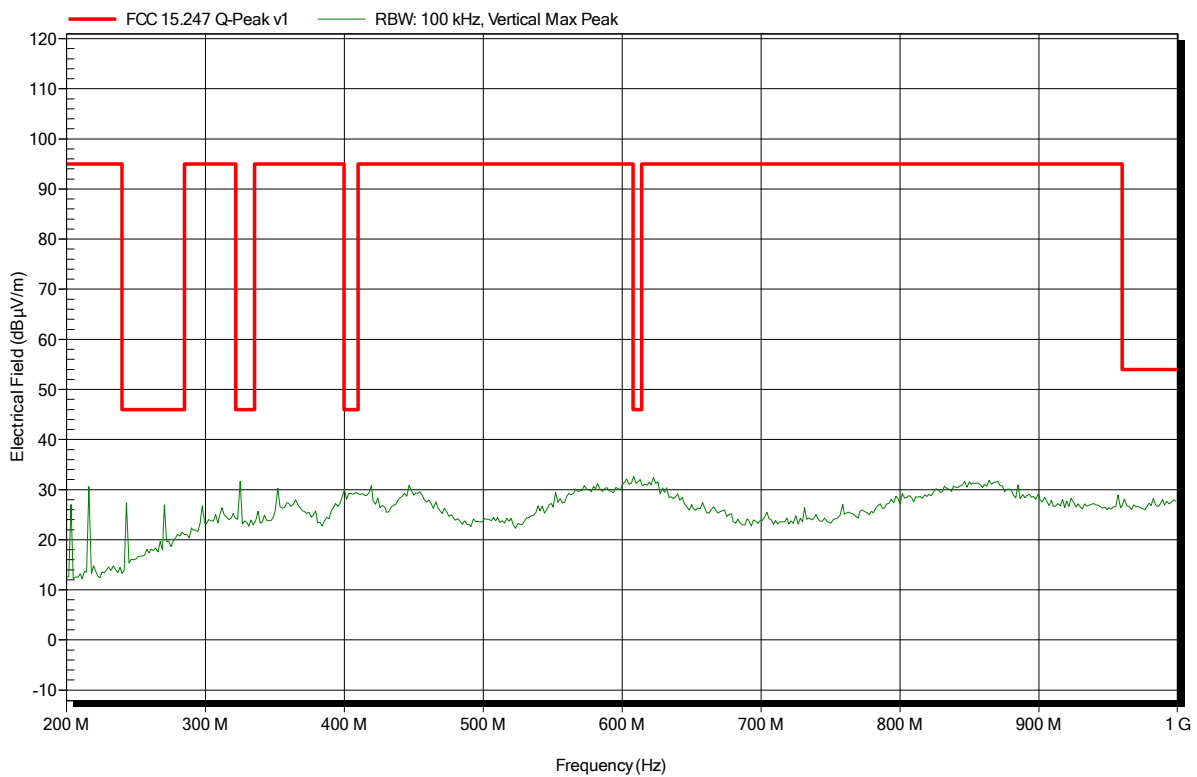


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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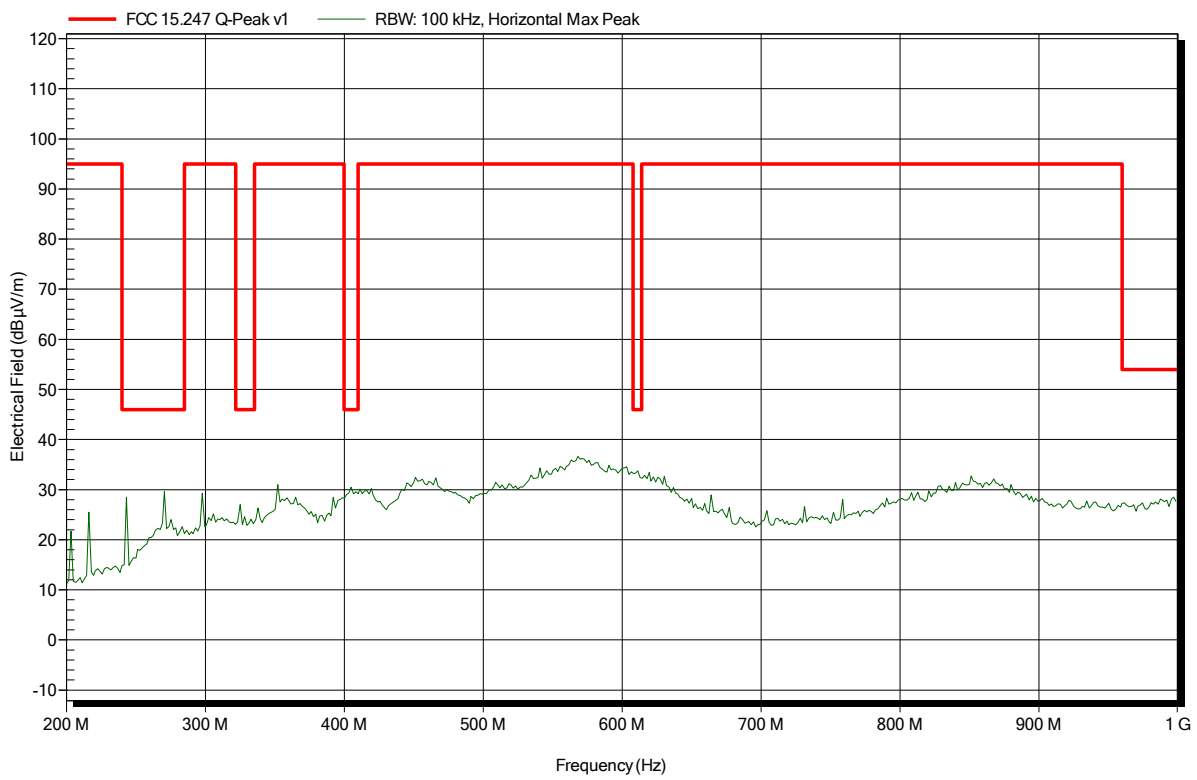


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
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 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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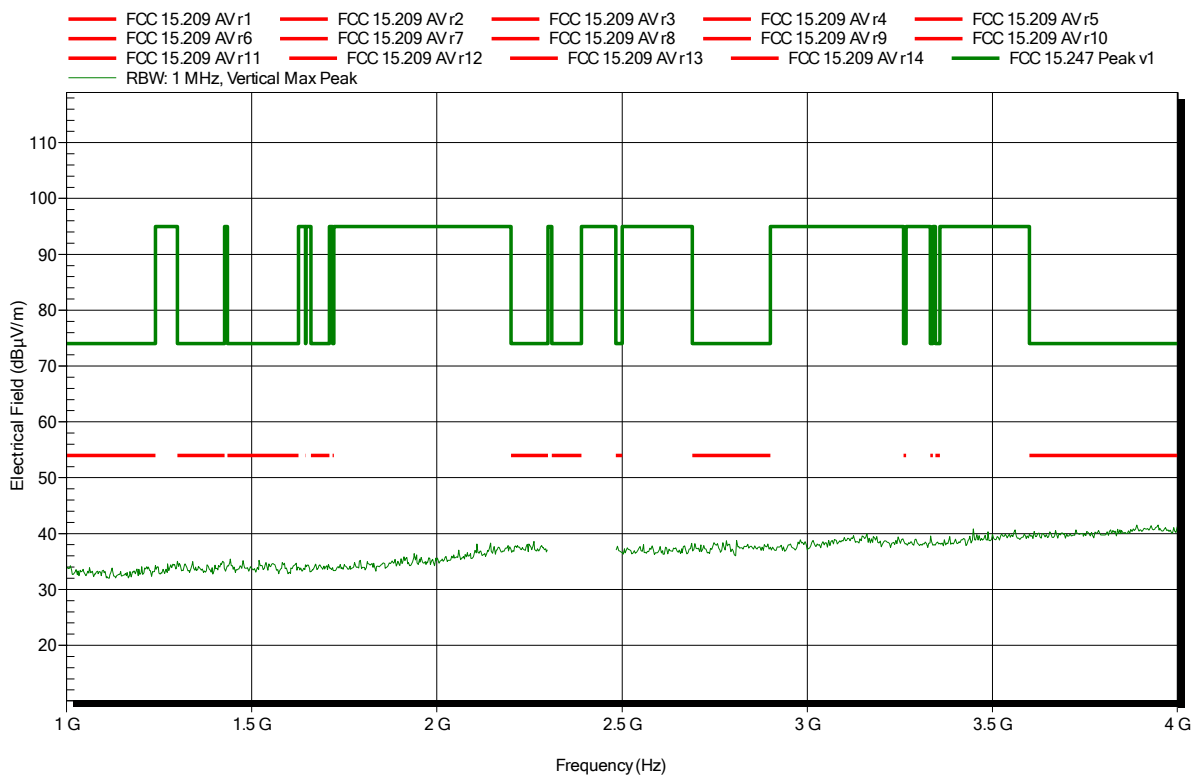


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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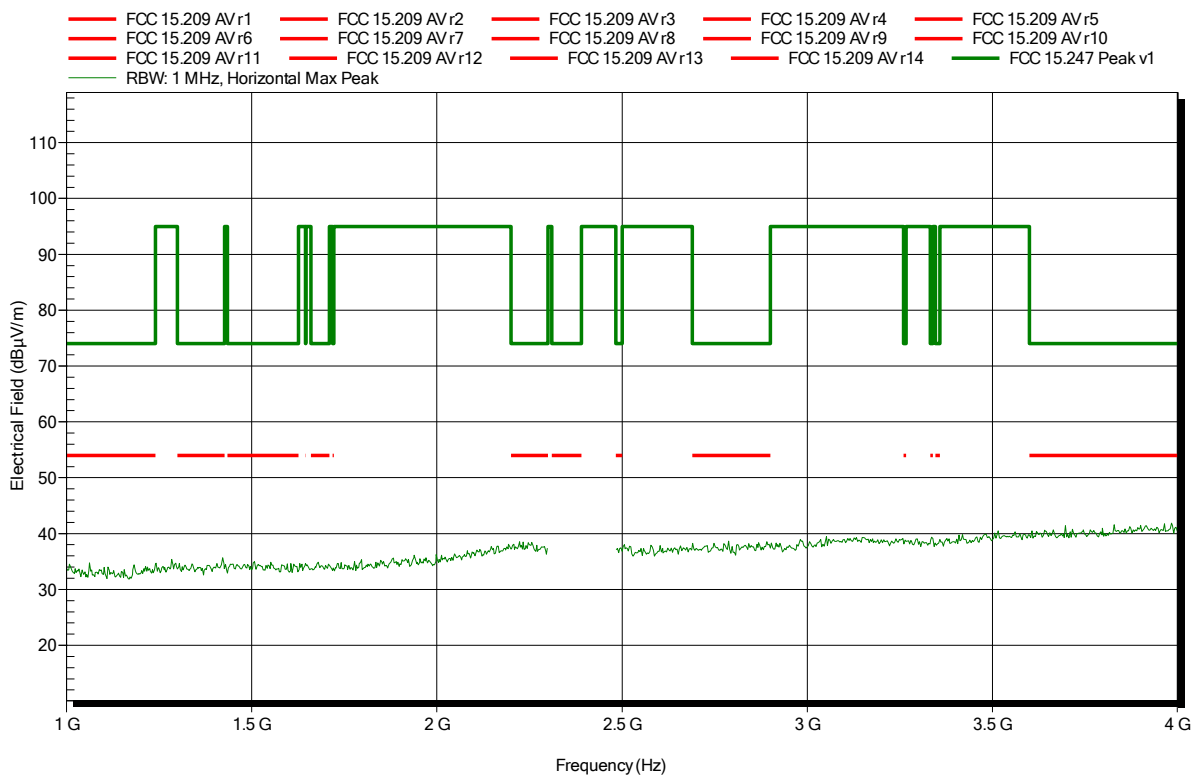


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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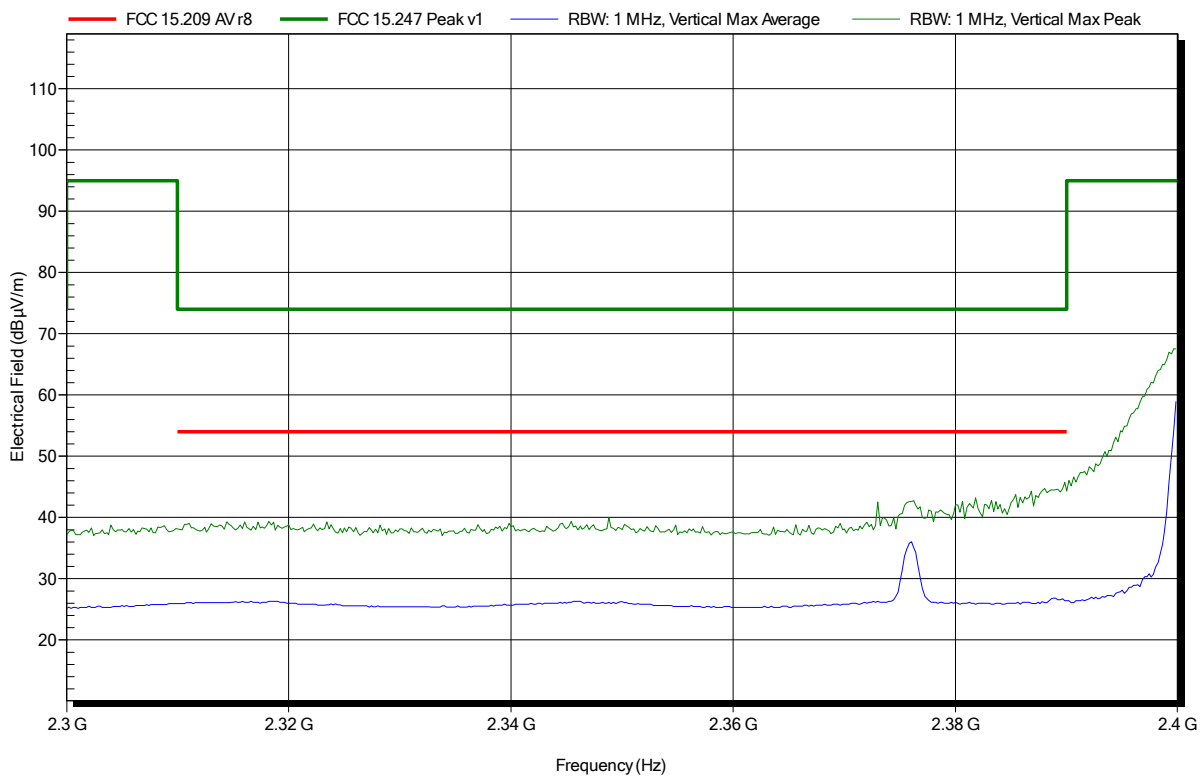


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral; lower bandedge

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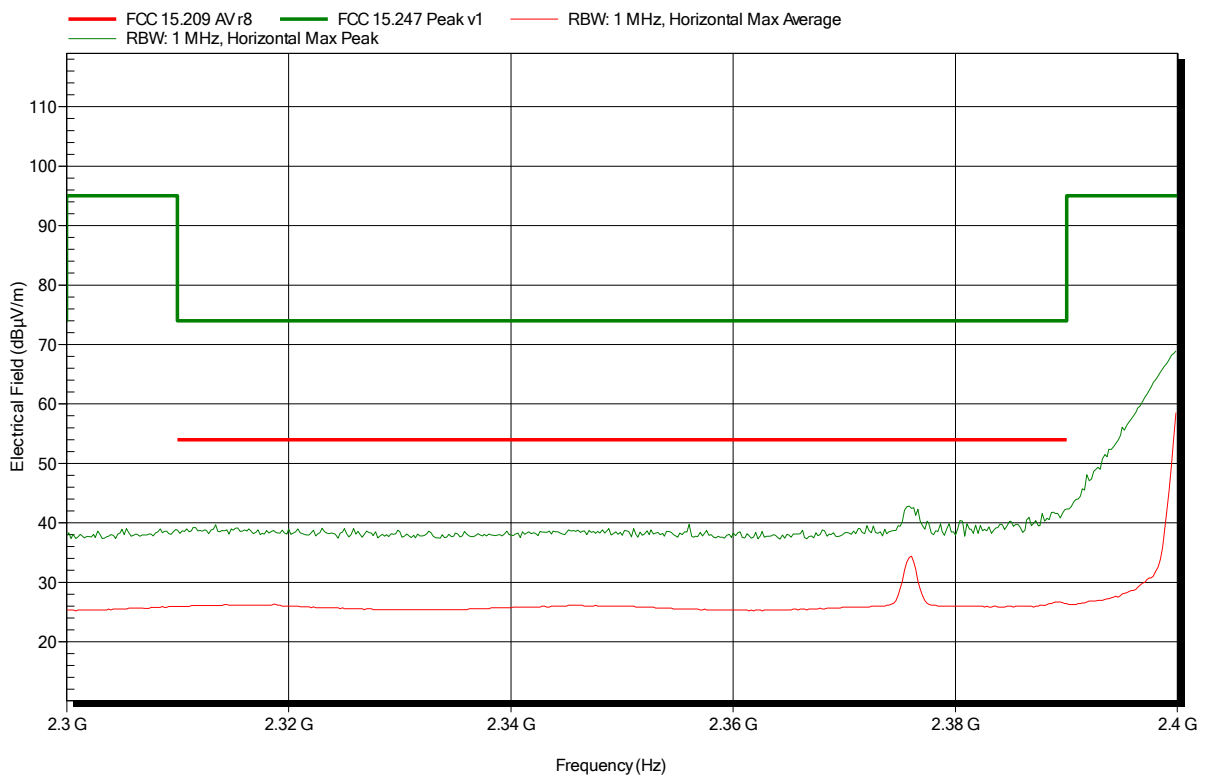


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
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 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral; lower bandedge

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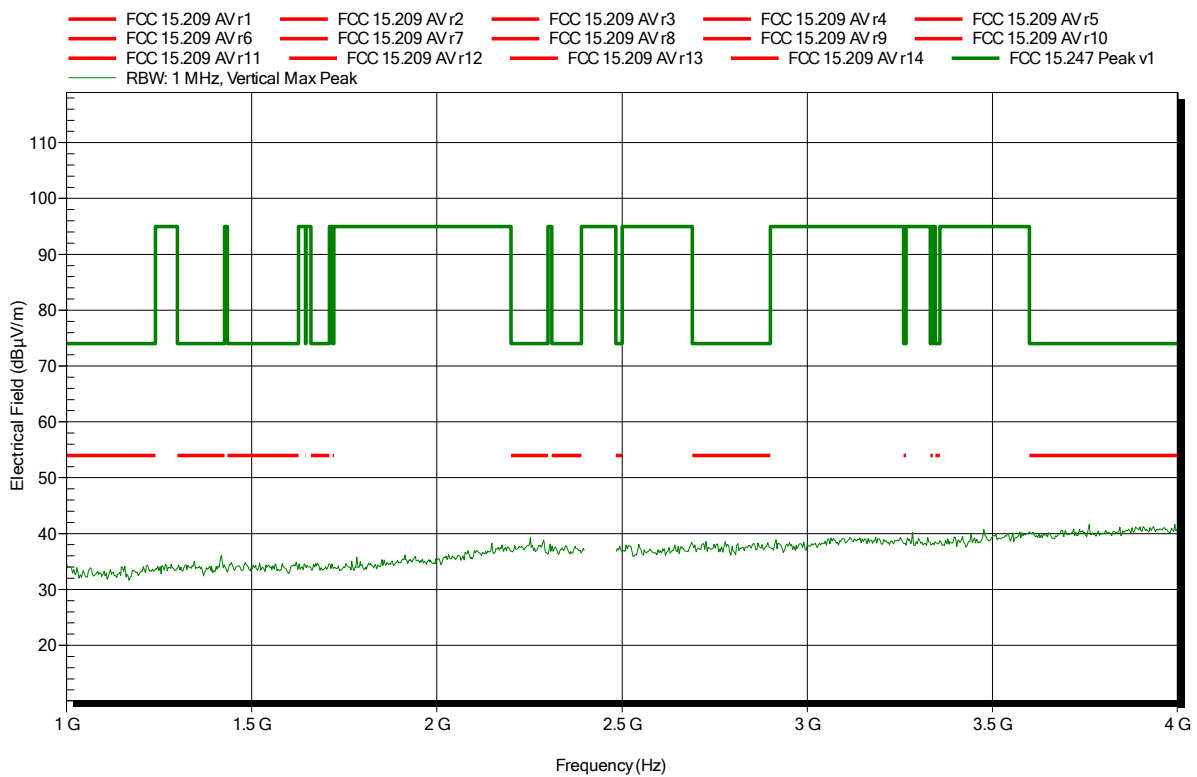


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
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 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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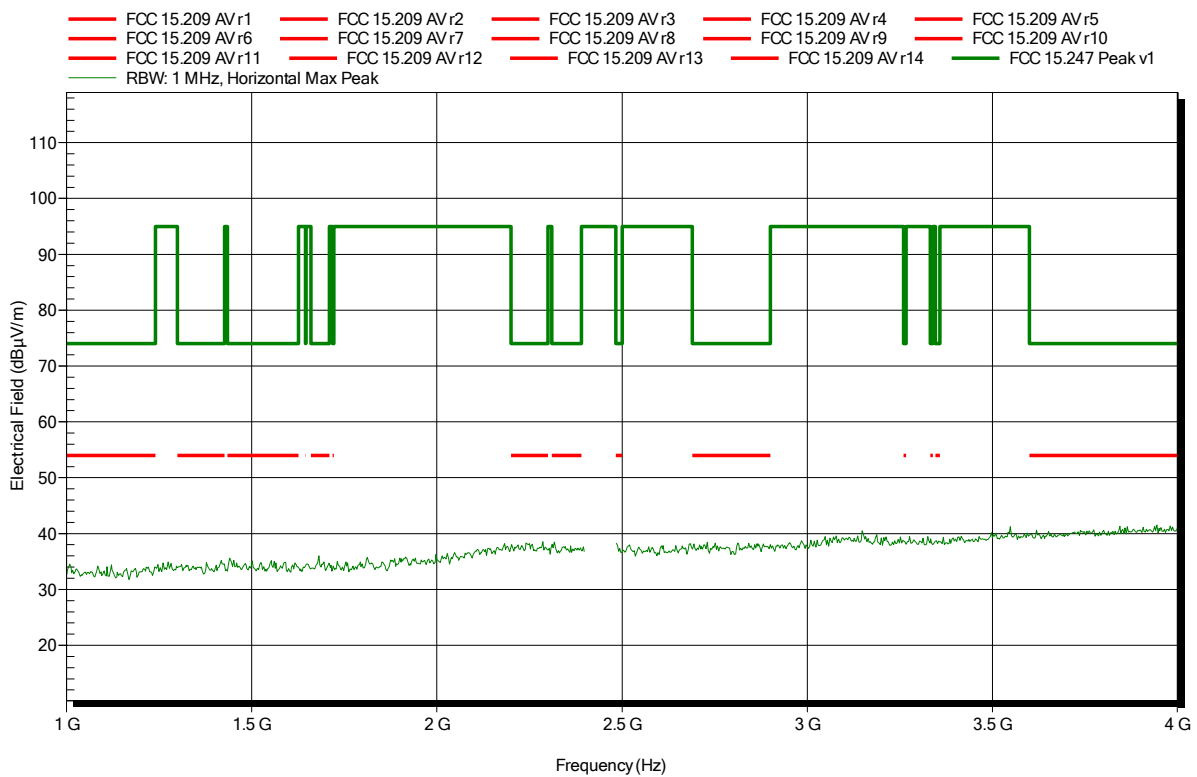


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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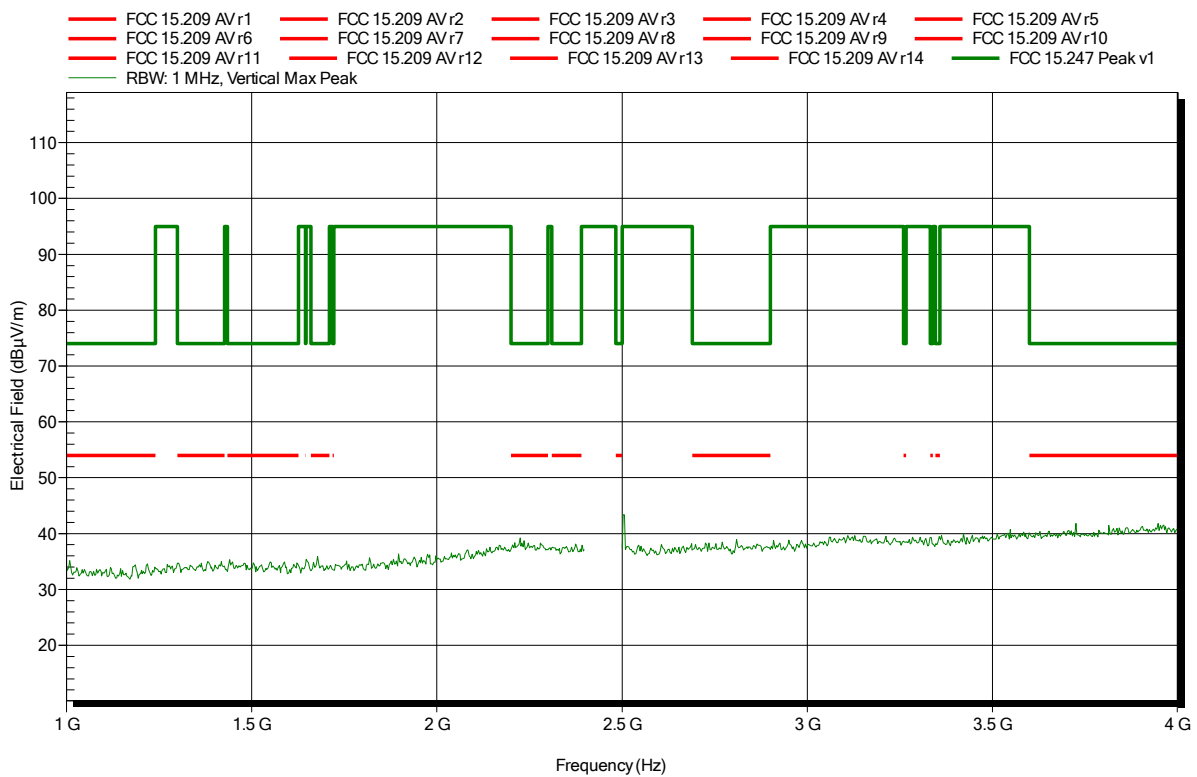


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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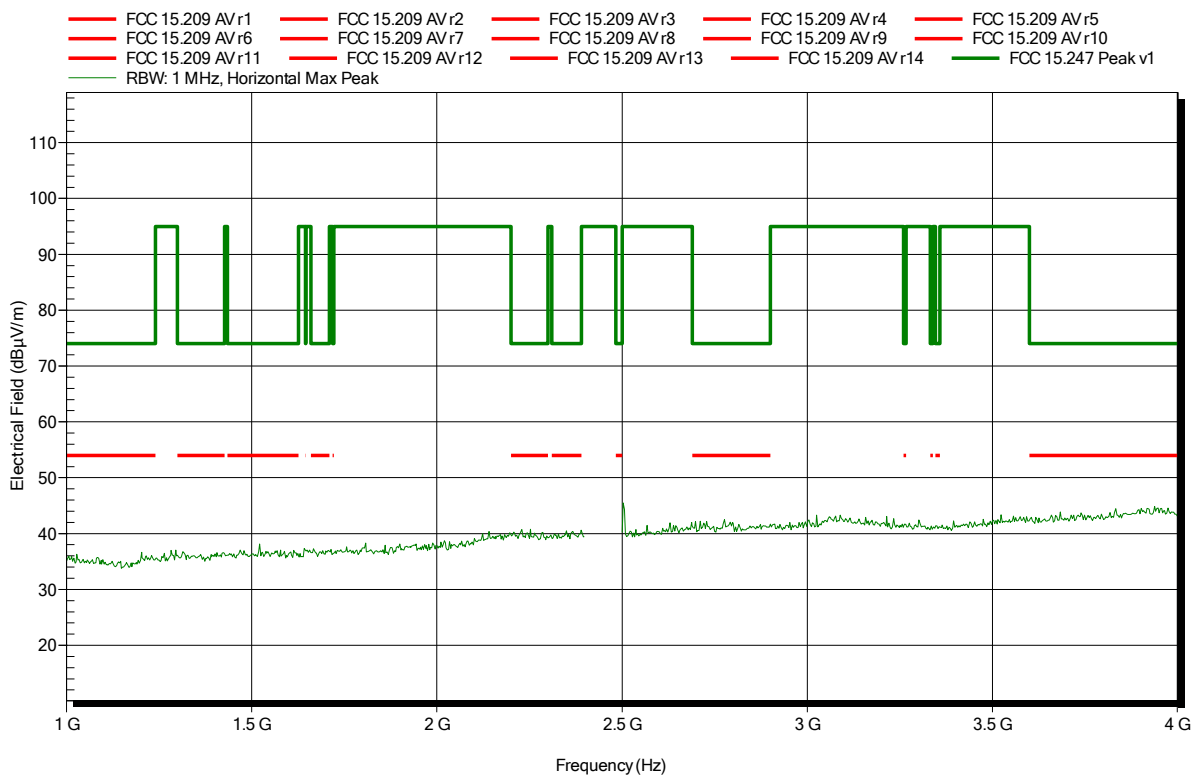


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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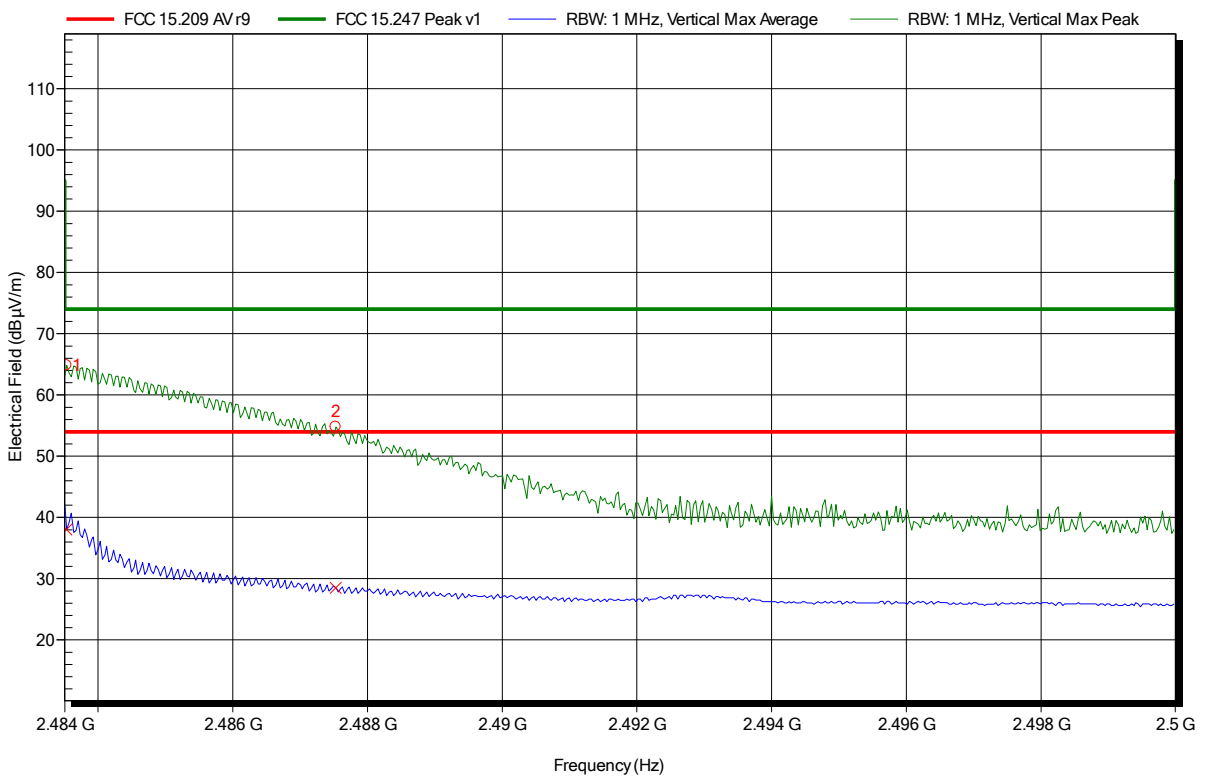


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral; higher bandedge

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	64.85 dBµV/m	74 dBµV/m	-9.15 dB	Pass
2.488 GHz	54.77 dBµV/m	74 dBµV/m	-19.23 dB	Pass

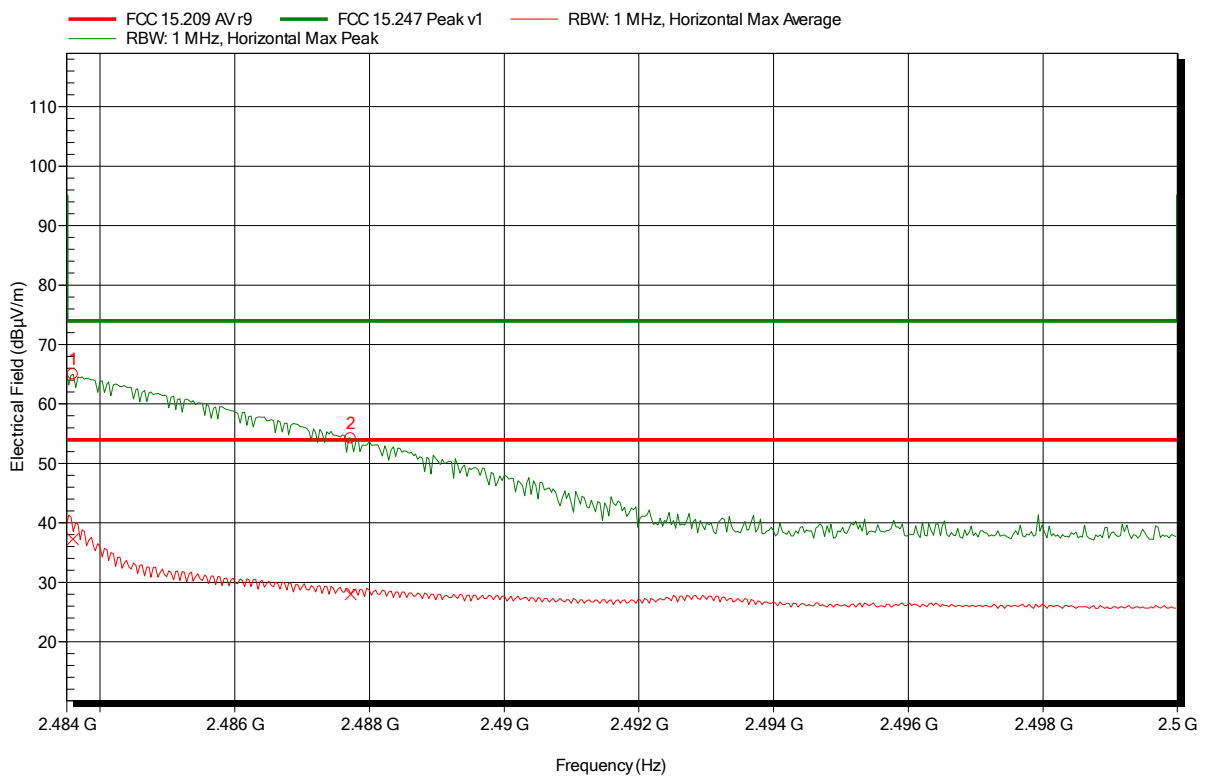
Frequency	Average	Average Limit	Average Difference	Average Status
2.484 GHz	38.03 dBµV/m	54 dBµV/m	-15.97 dB	Pass
2.488 GHz	28.51 dBµV/m	54 dBµV/m	-25.49 dB	Pass

**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral; higher bandedge

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	64.98 dBµV/m	74 dBµV/m	-9.02 dB	Pass
2.488 GHz	54.18 dBµV/m	74 dBµV/m	-19.82 dB	Pass

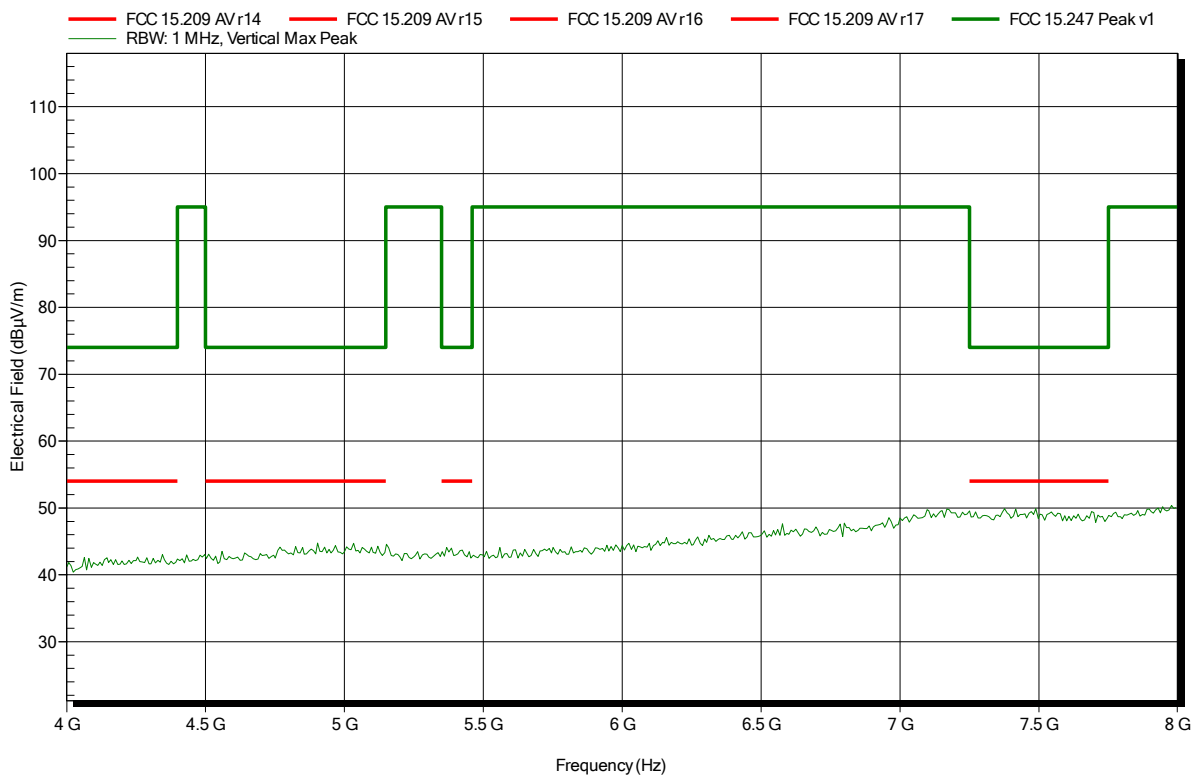
Frequency	Average	Average Limit	Average Difference	Average Status
2.484 GHz	37.28 dBµV/m	54 dBµV/m	-16.72 dB	Pass
2.488 GHz	27.99 dBµV/m	54 dBµV/m	-26.01 dB	Pass

**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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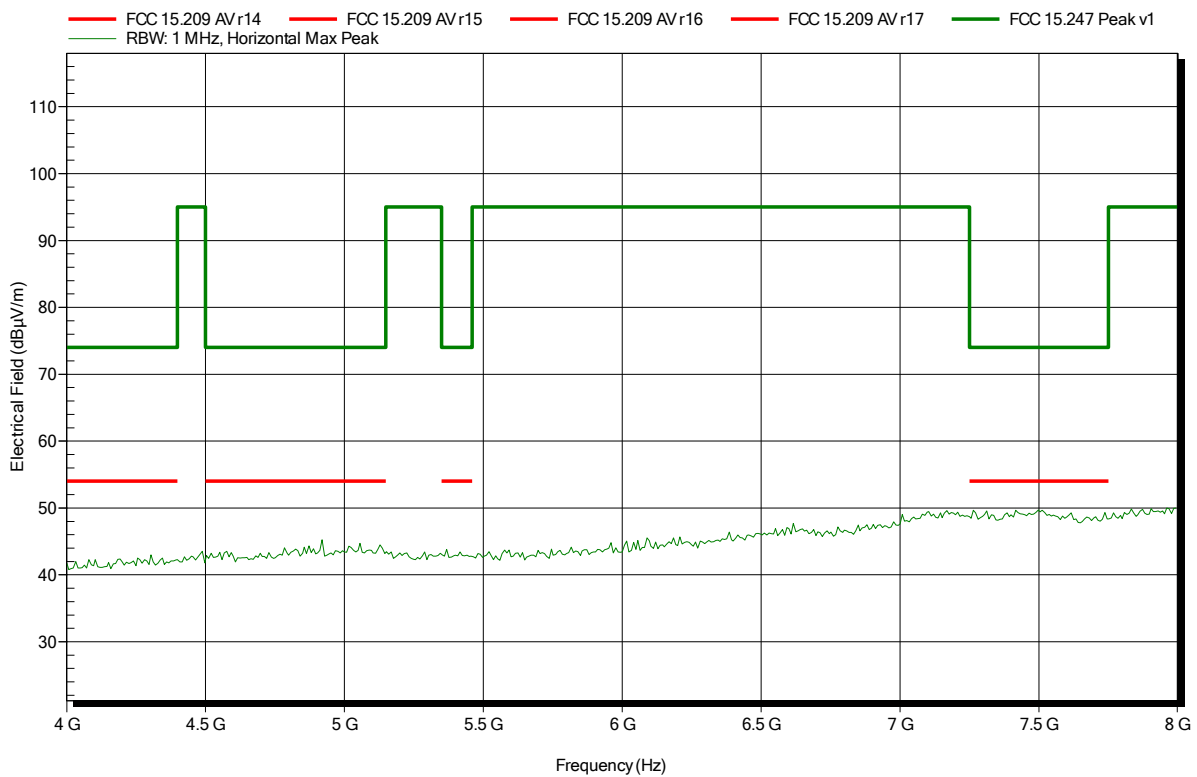


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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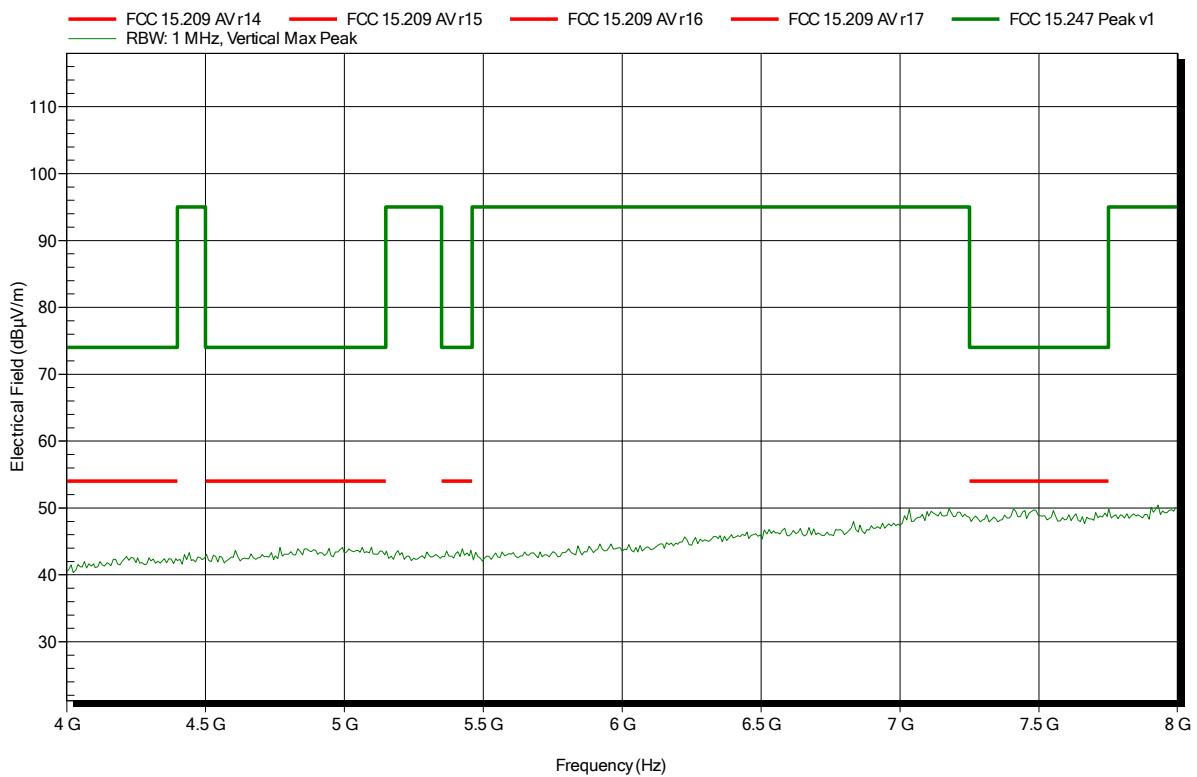


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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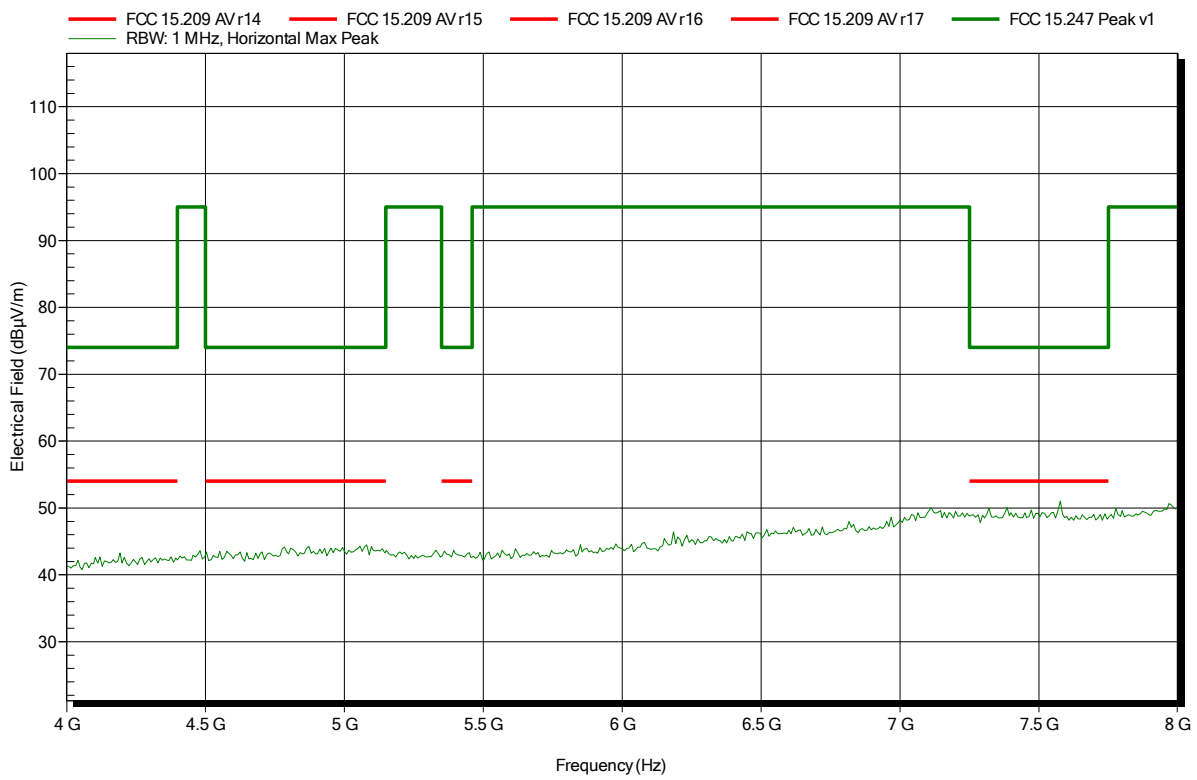


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
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 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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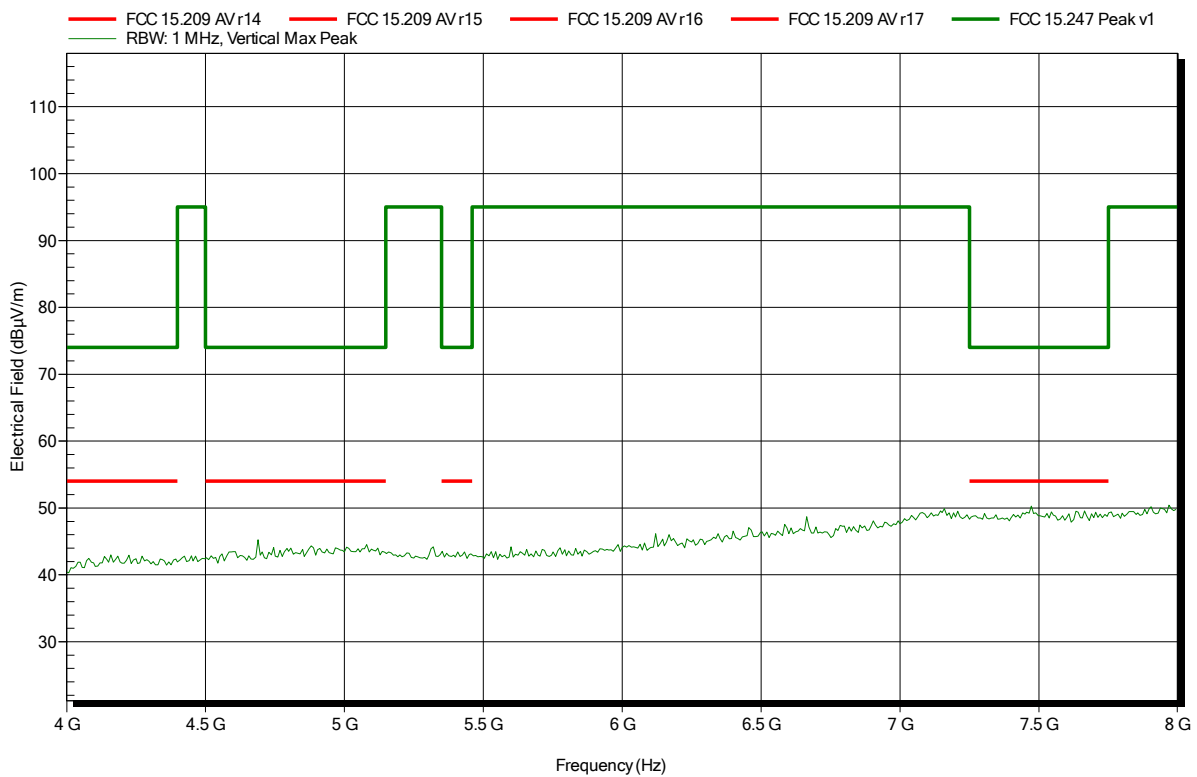


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
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 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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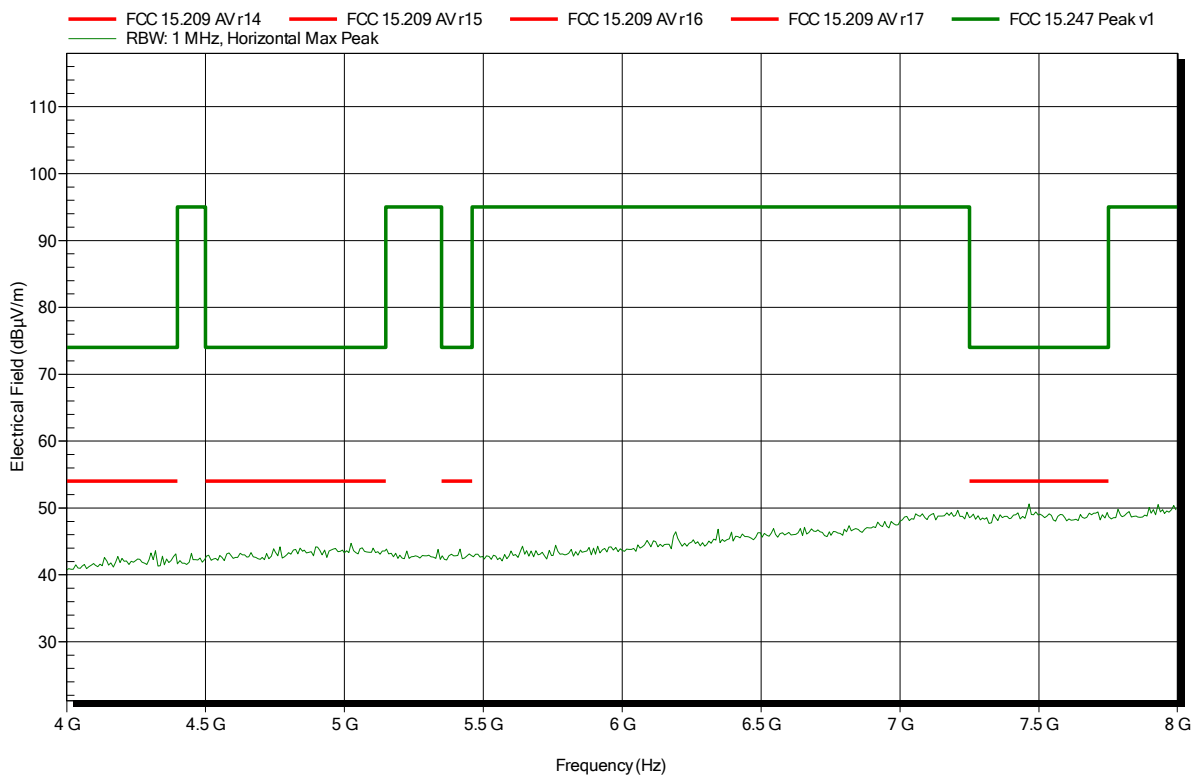


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
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 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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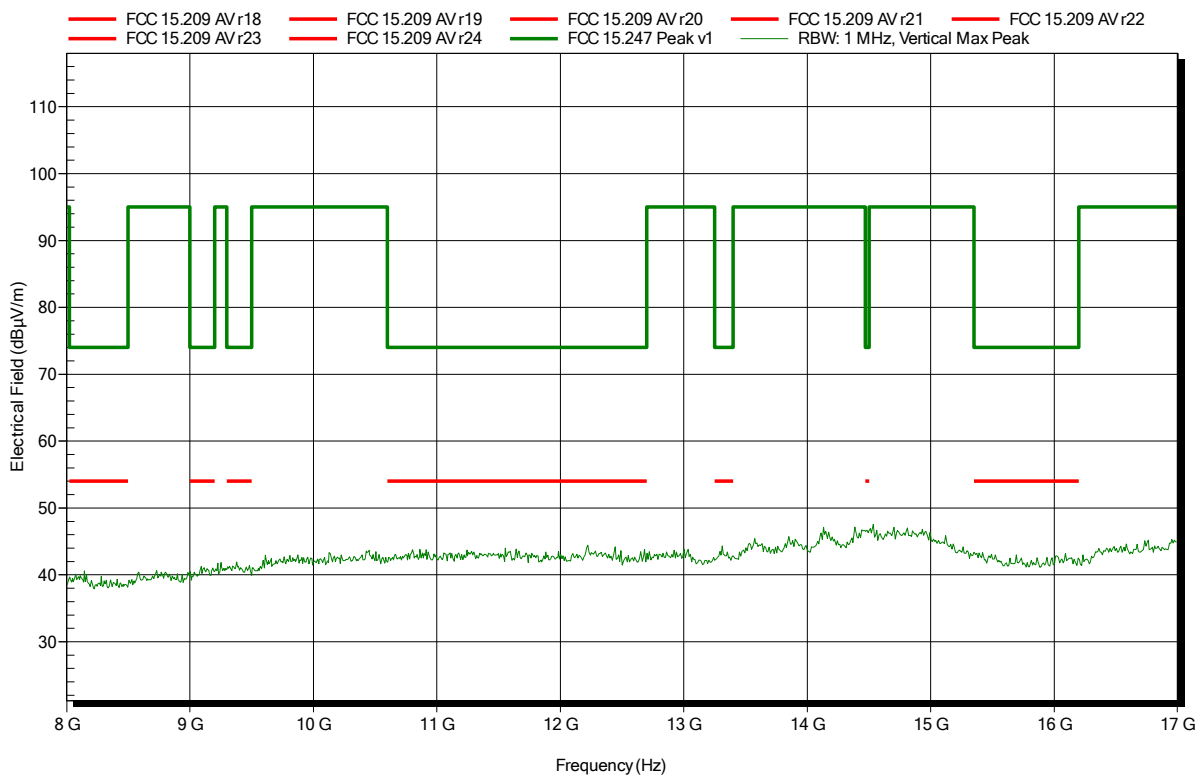


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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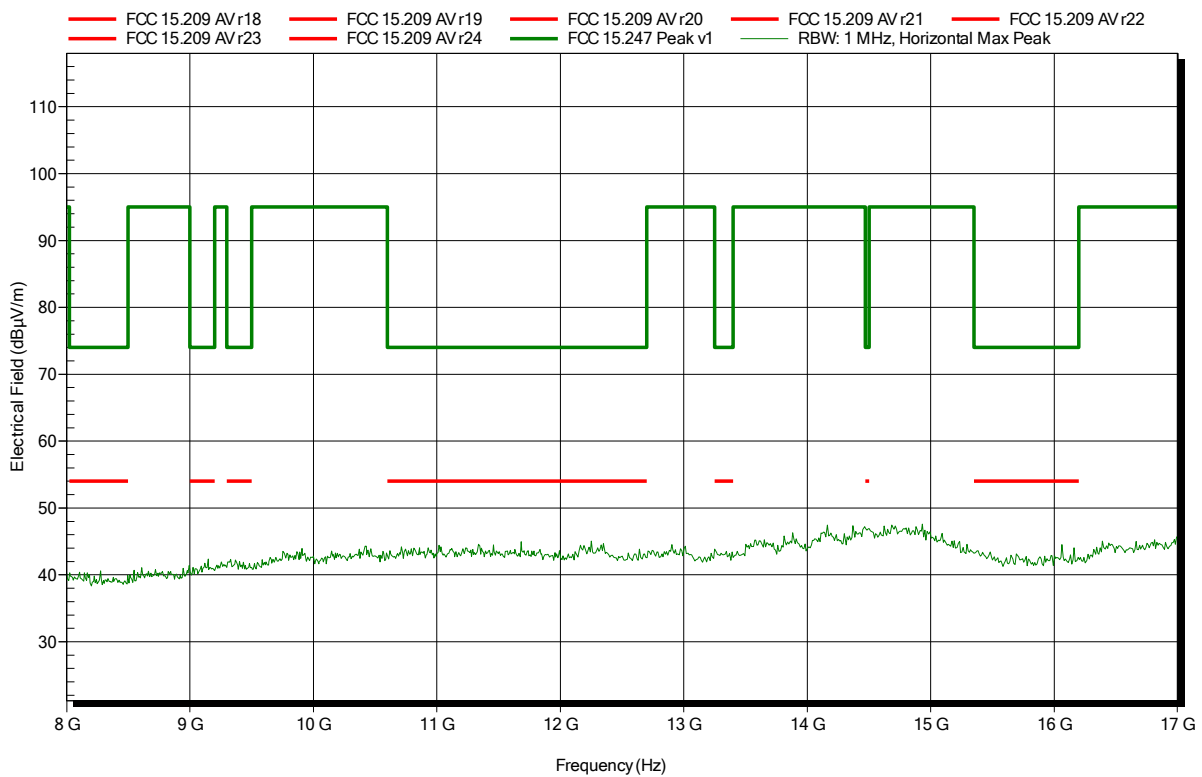


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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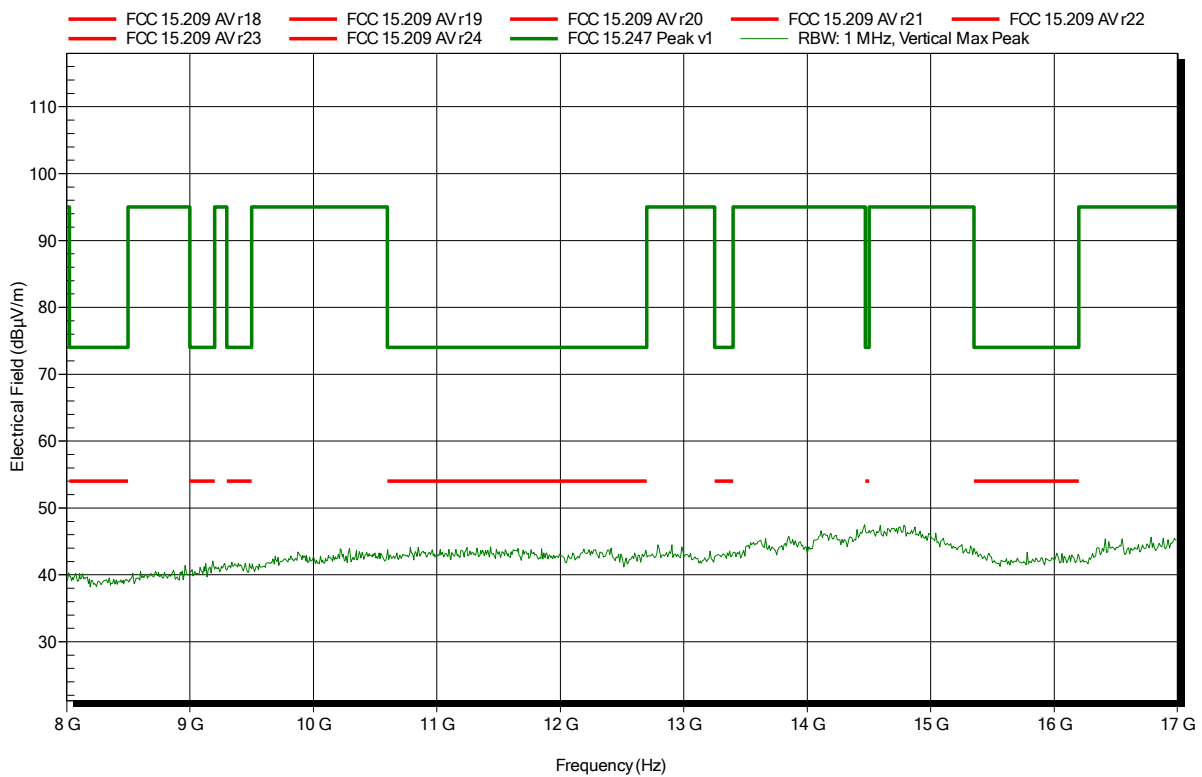


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

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Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
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 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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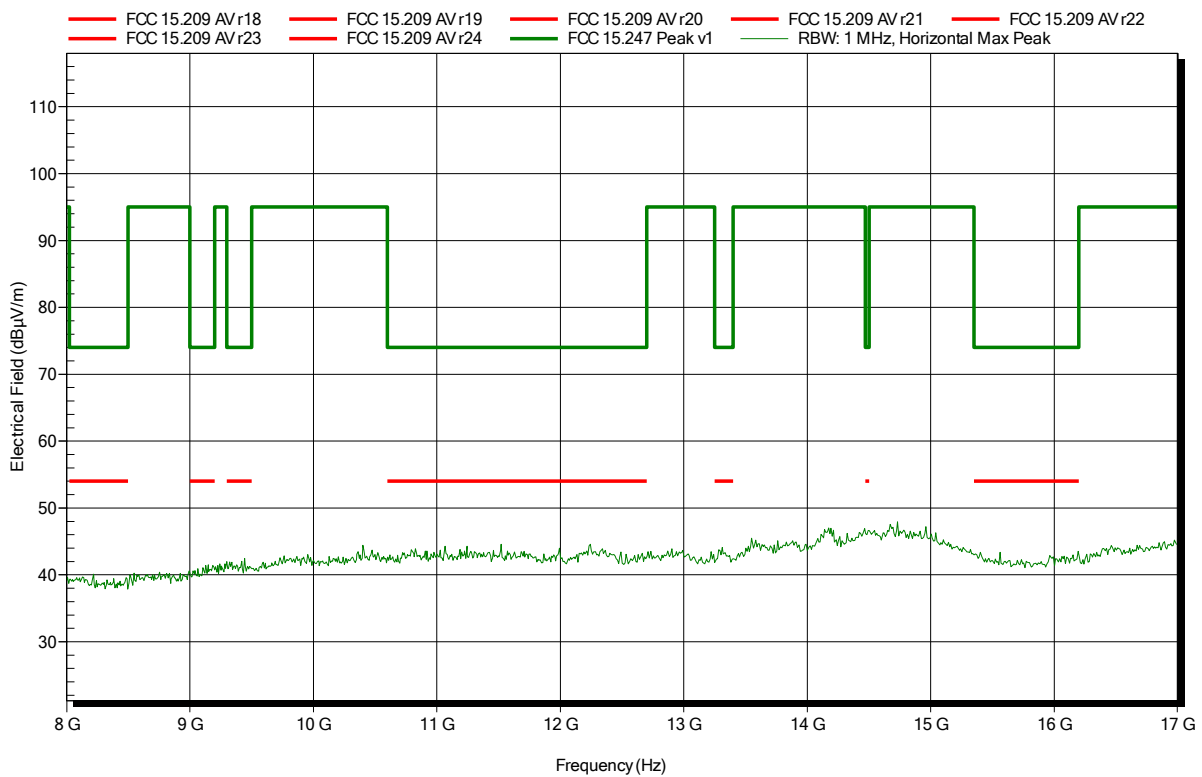


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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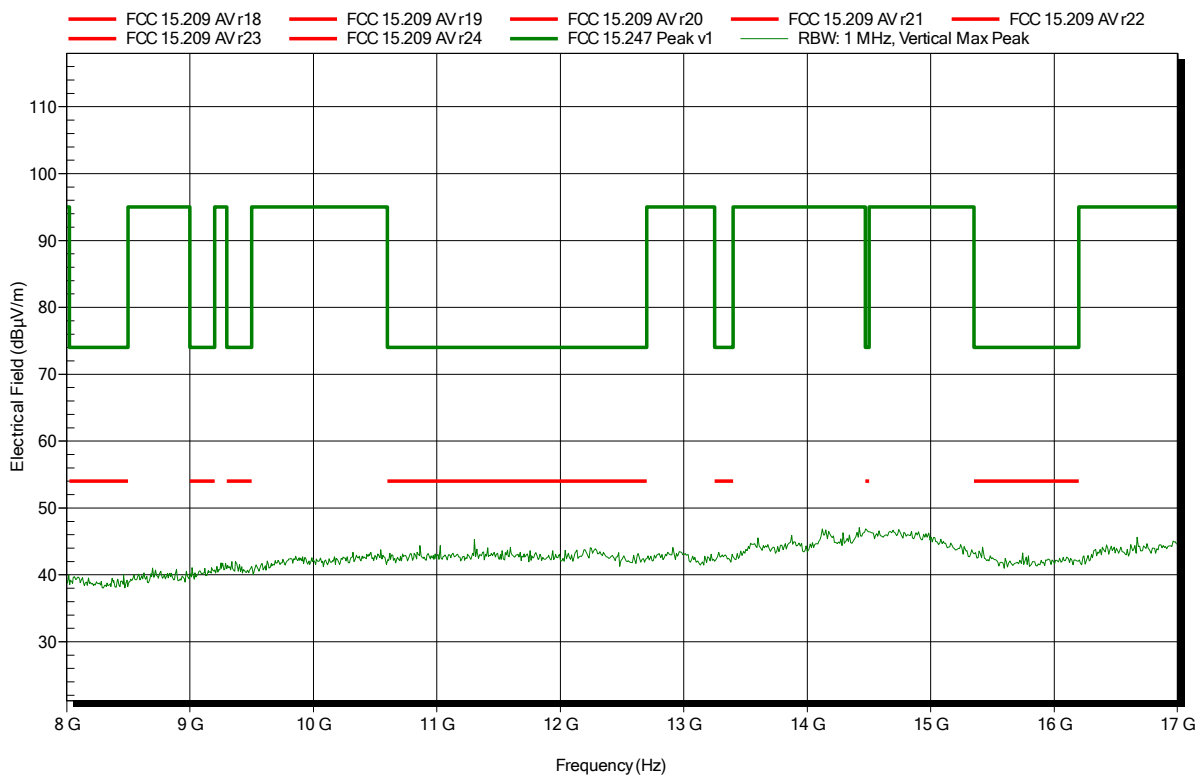


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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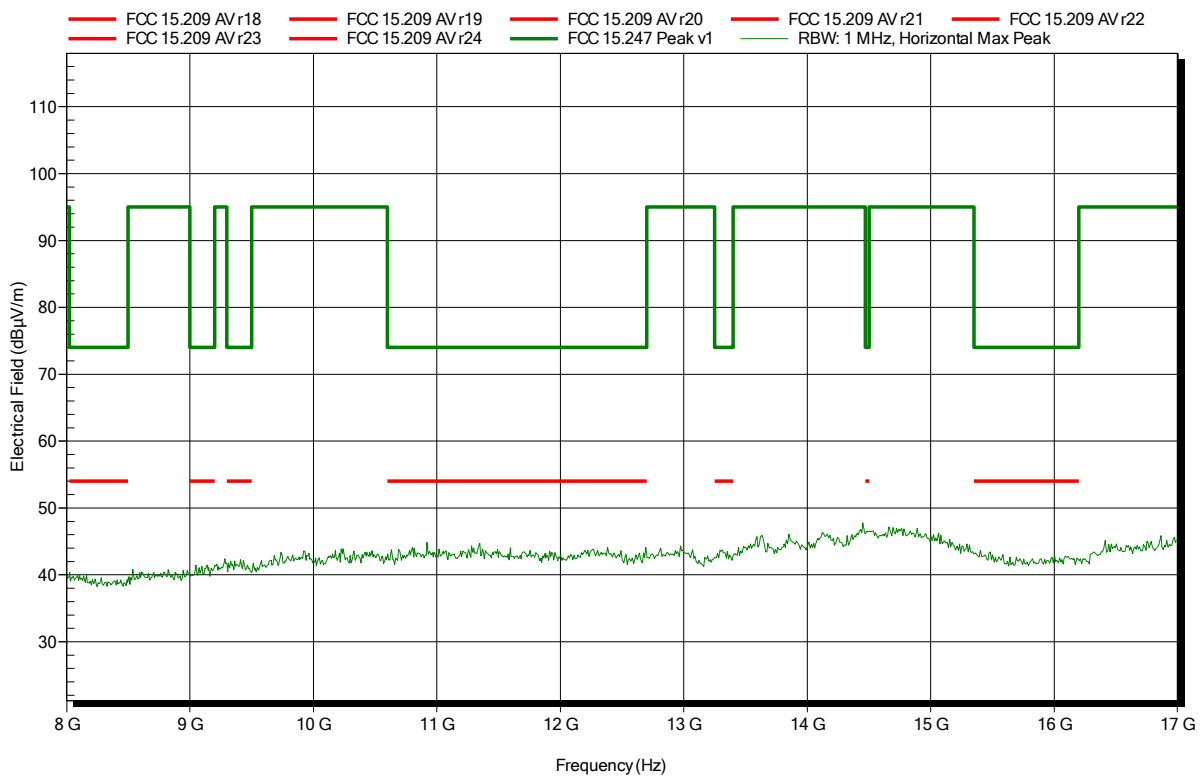


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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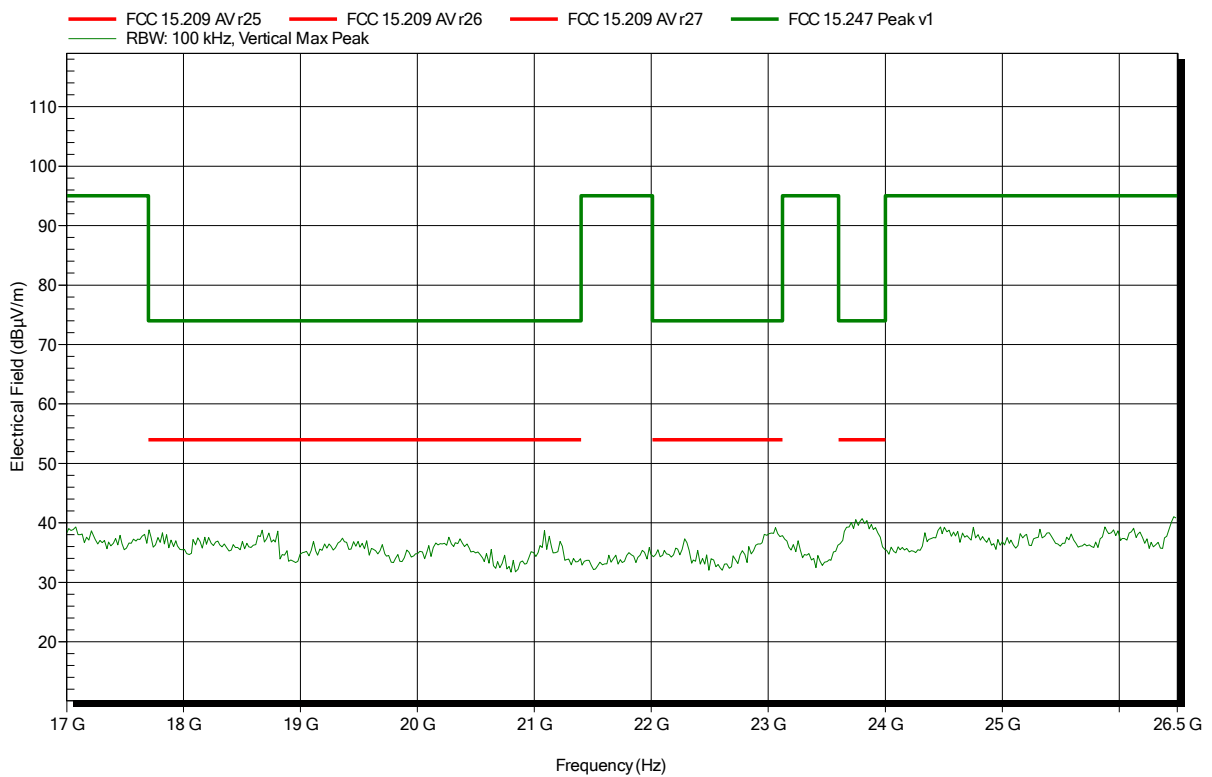


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: ATH18G40, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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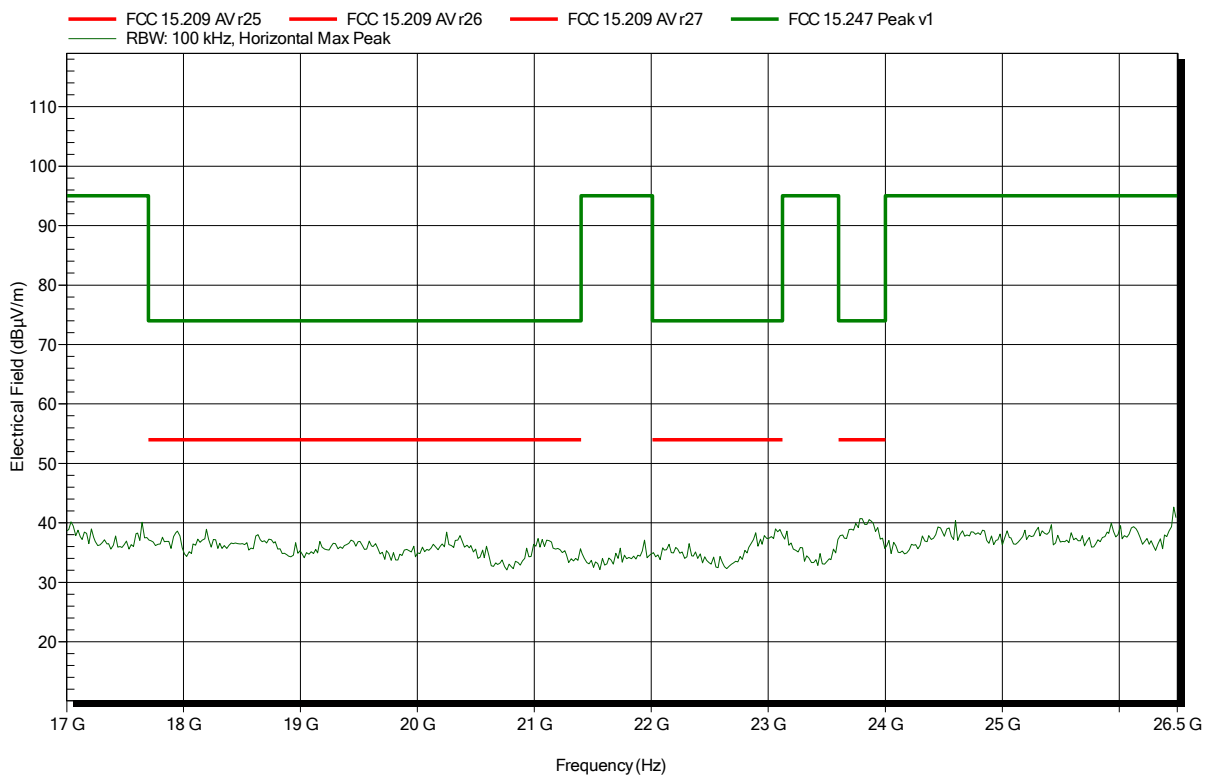


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: ATH18G40, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 0; 2402 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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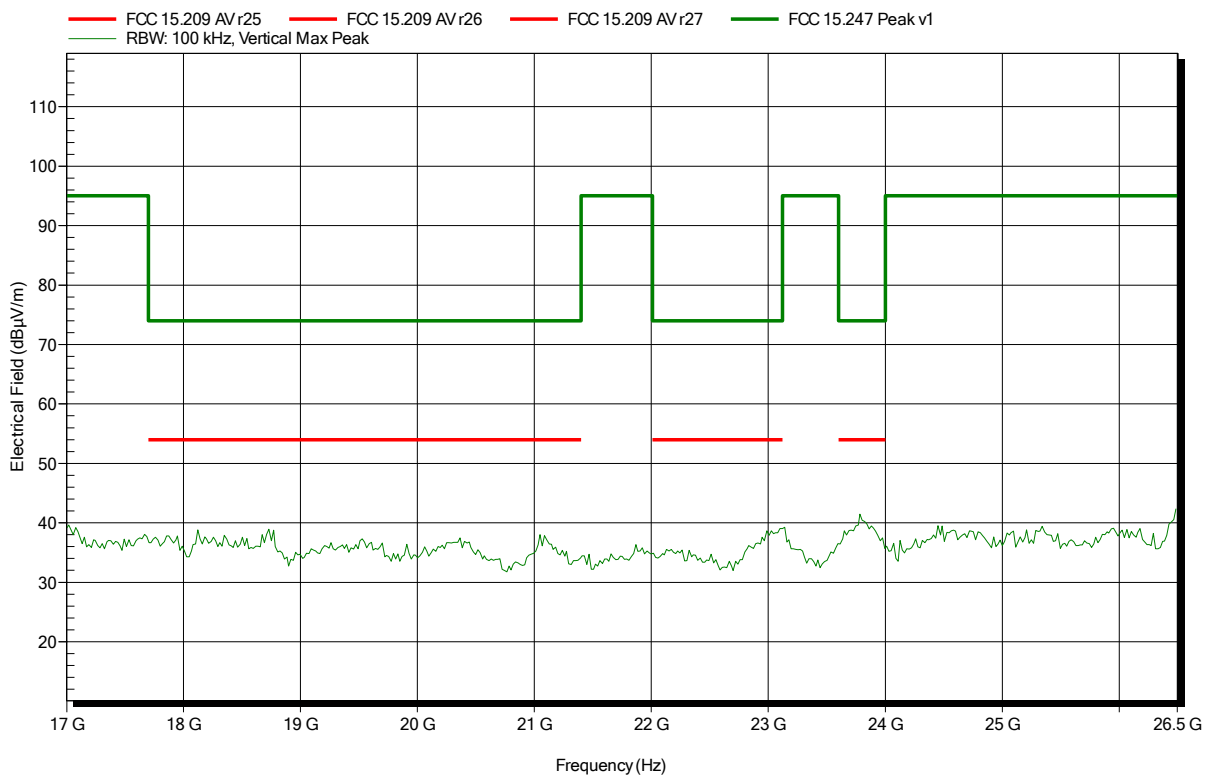


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: ATH18G40, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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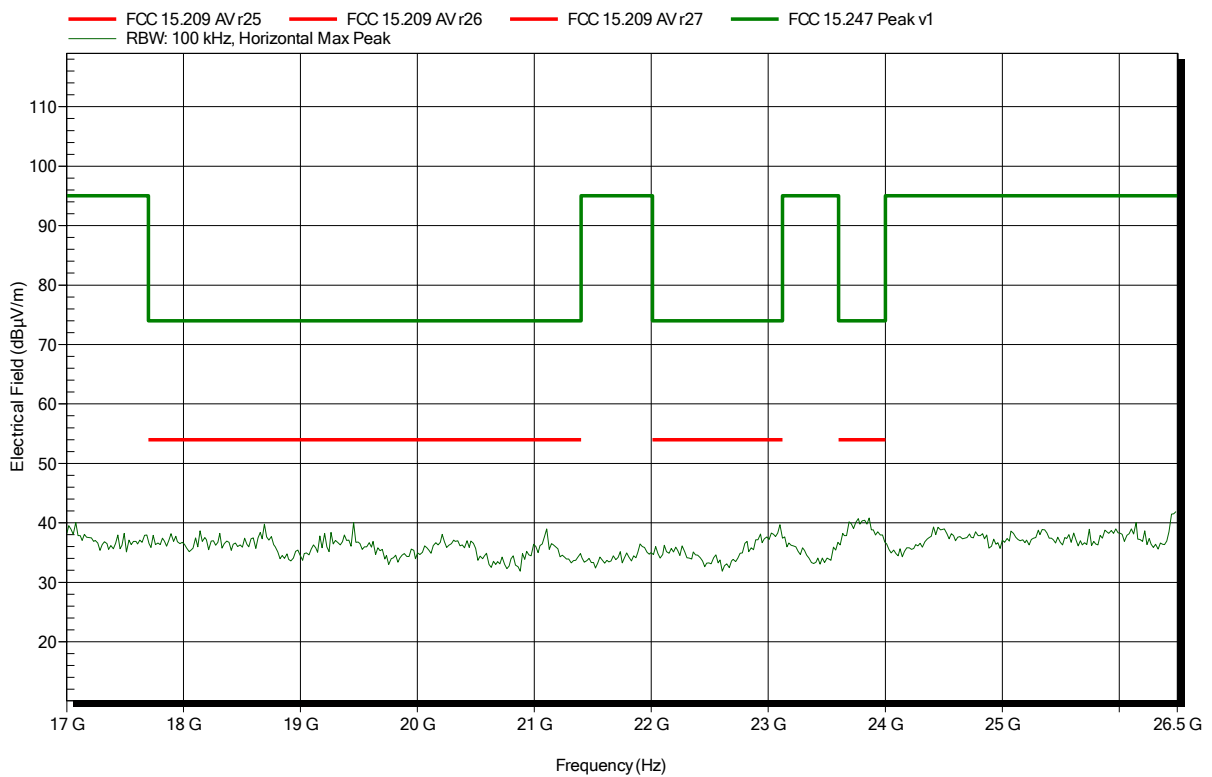


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: ATH18G40, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 39; 2441 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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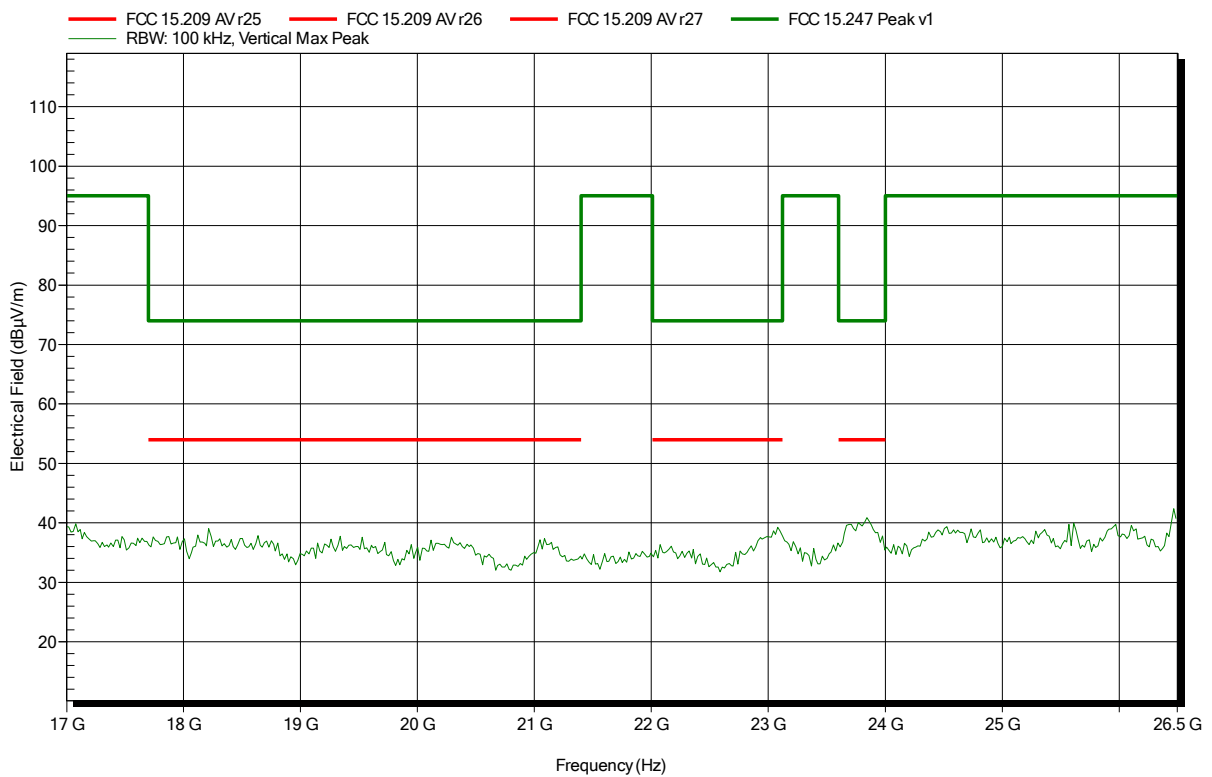


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: ATH18G40, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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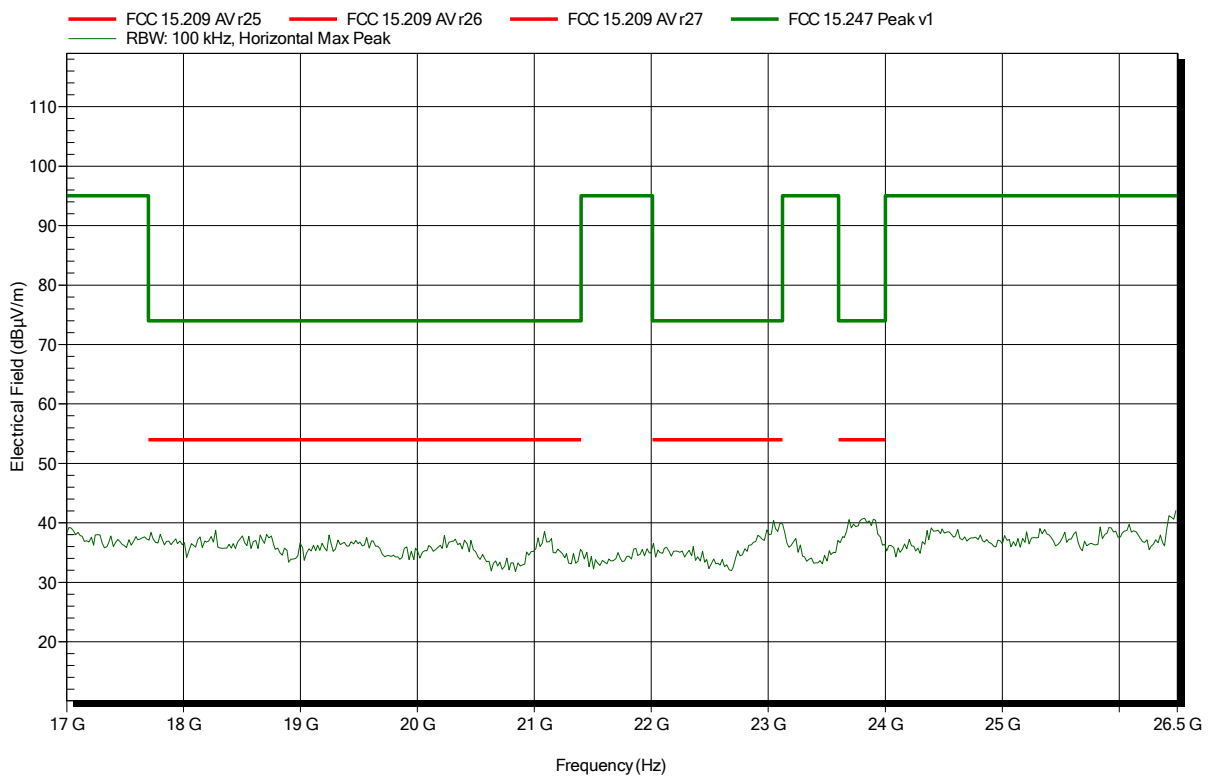


**Spurious emissions according to FCC part 15 Subpart C § 15.247**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: ATH18G40, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: TX; BT-BR; CH 78; 2480 MHz; DH5; Pmax  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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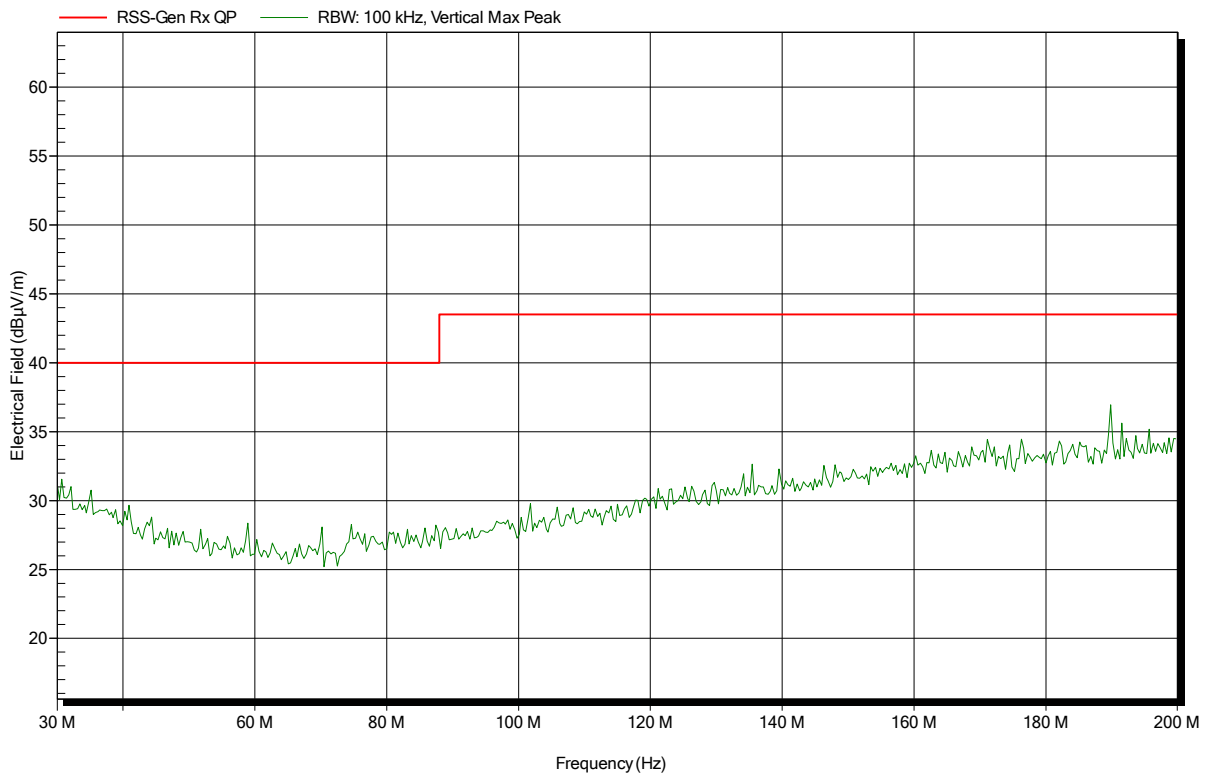
## ANNEX B Receiver spurious emissions

### Spurious emissions according to IC RSS-247, I1

Project number: G0M-1707-6716

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Gebläsefiltergerät
Model:	R59550 (Dräger X-plore 8700 (Ex))
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Pudell
Test Conditions:	Tnom: 24°C, Vnom: 10.8 VDC
Antenna:	HK116, Vertical
Measurement distance:	3 m
Mode:	RX; BT-BR; CH Hopping; Listener mode
Test Date:	2017-11-28
Note:	EUT vertical; ANT integral

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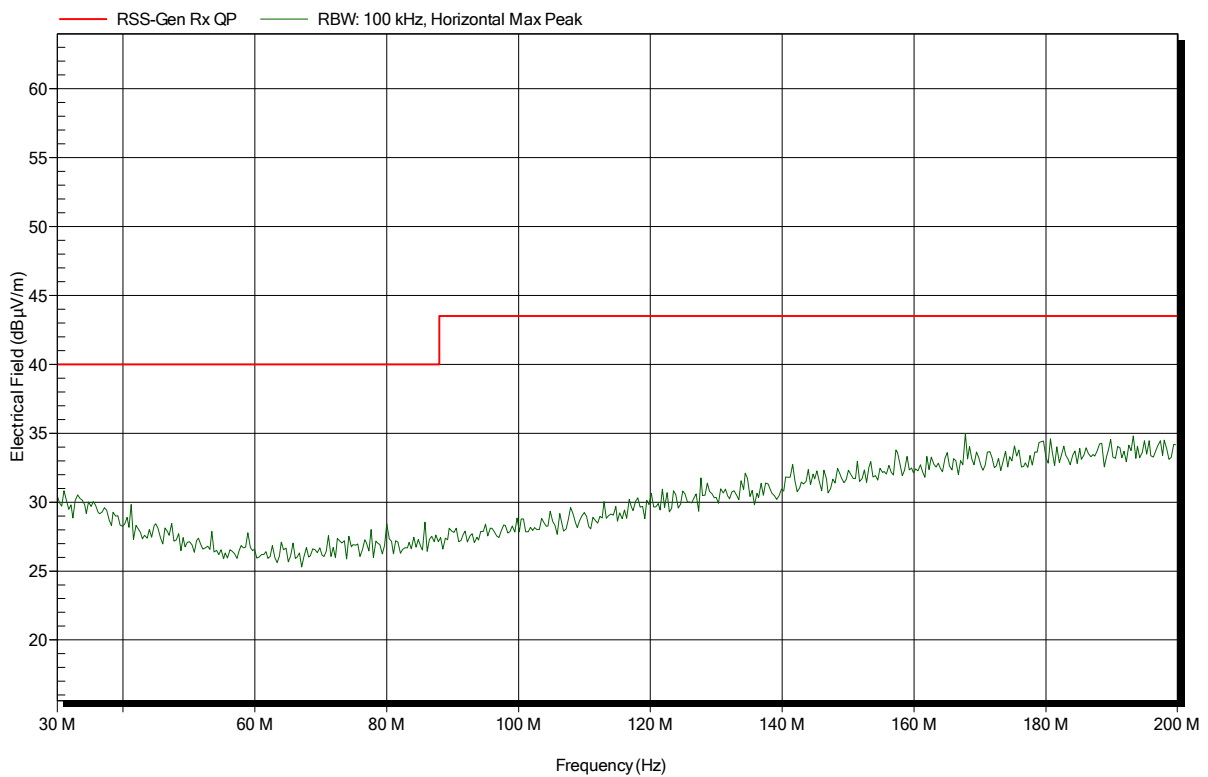


**Spurious emissions according to IC RSS-247, I1**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: HK116, Horizontal  
 Measurement distance: 3 m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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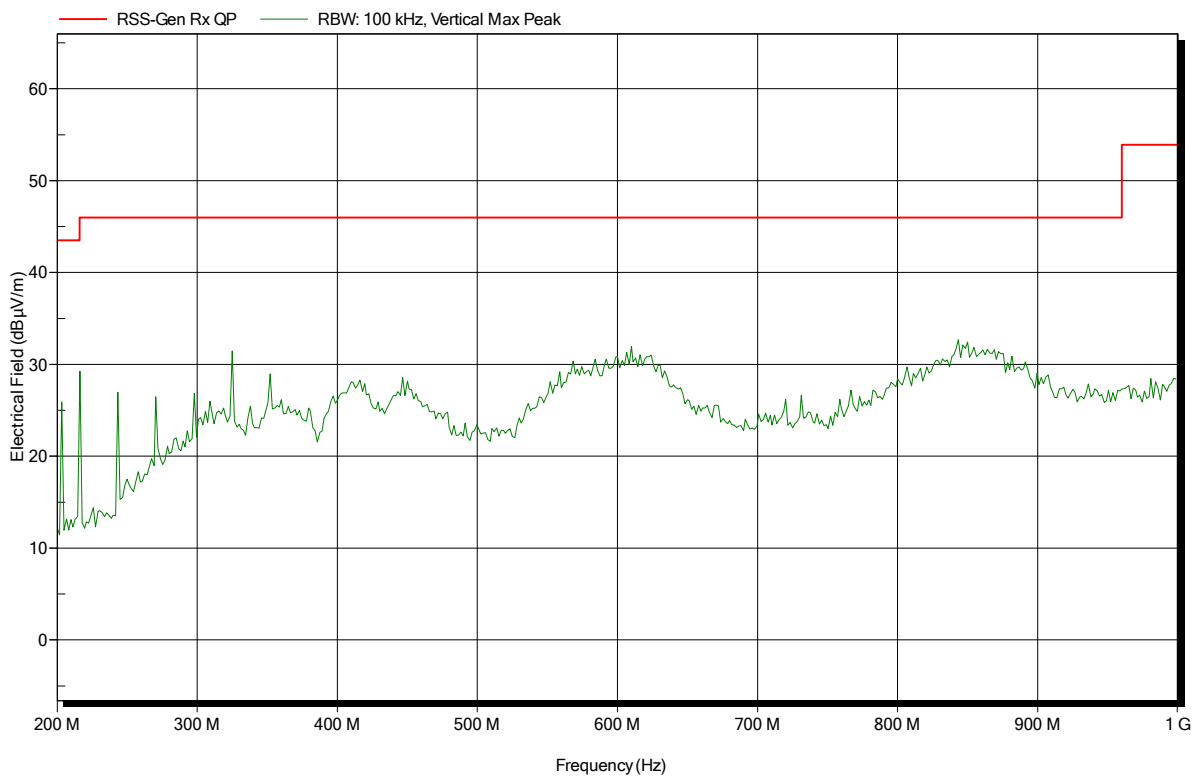


### Spurious emissions according to IC RSS-247, I1

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement distance: 3 m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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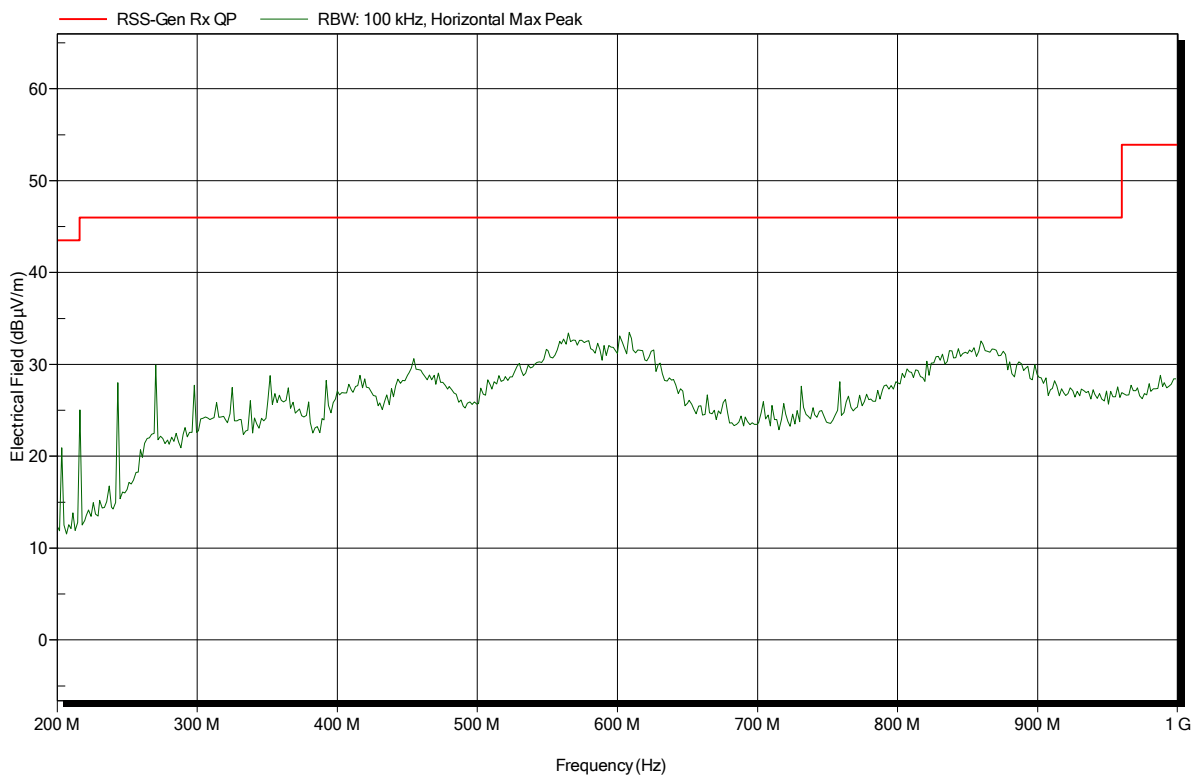


### Spurious emissions according to IC RSS-247, 11

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement distance: 3 m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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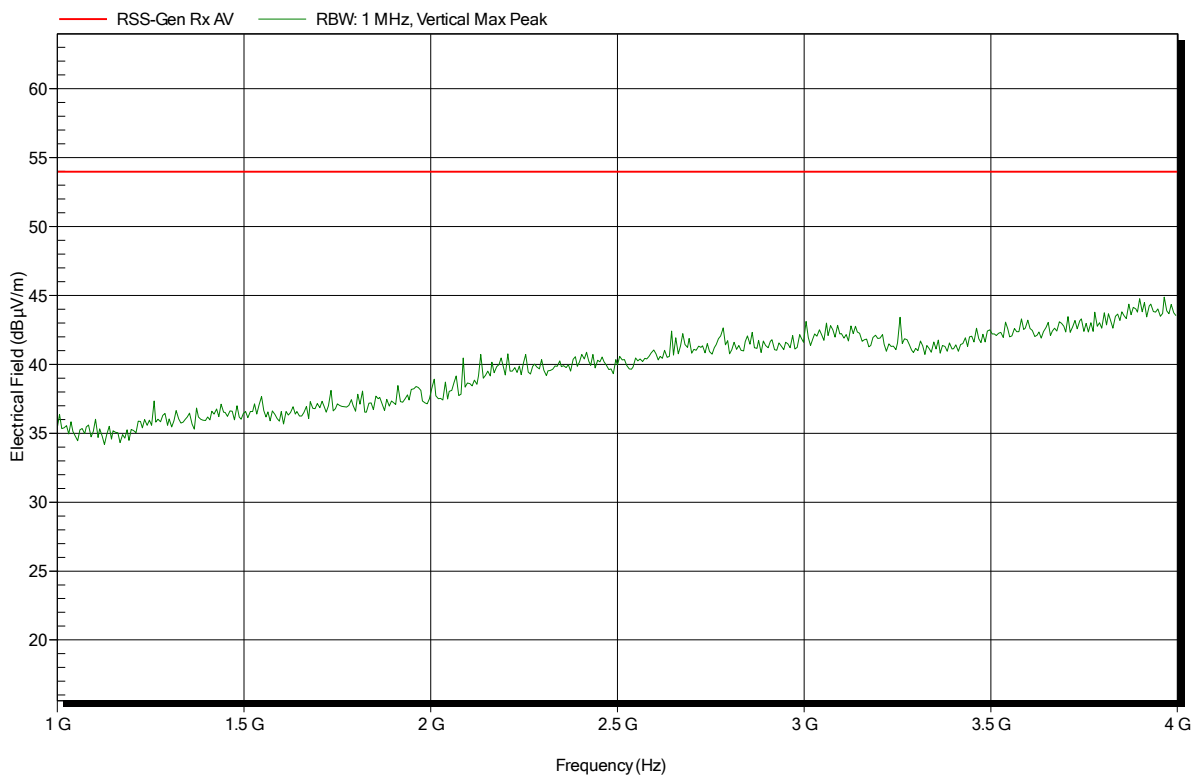


### Spurious emissions according to IC RSS-247, I1

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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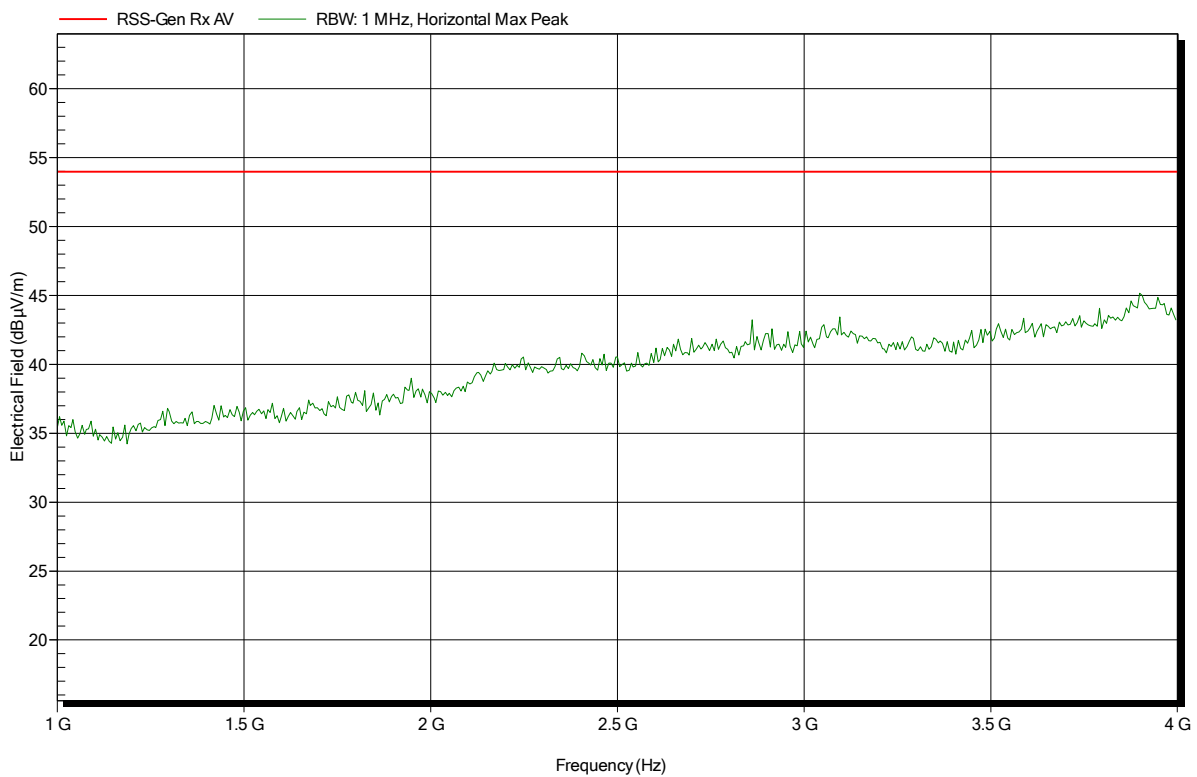


### Spurious emissions according to IC RSS-247, I1

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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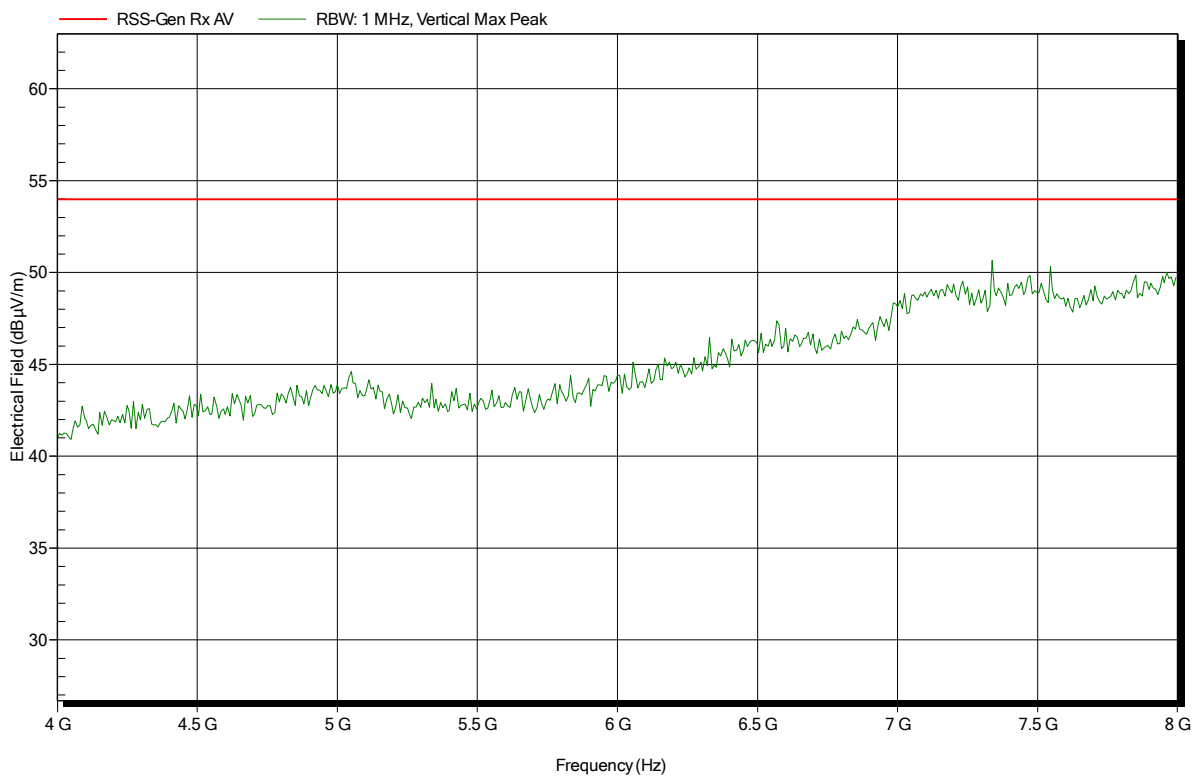


### Spurious emissions according to IC RSS-247, I1

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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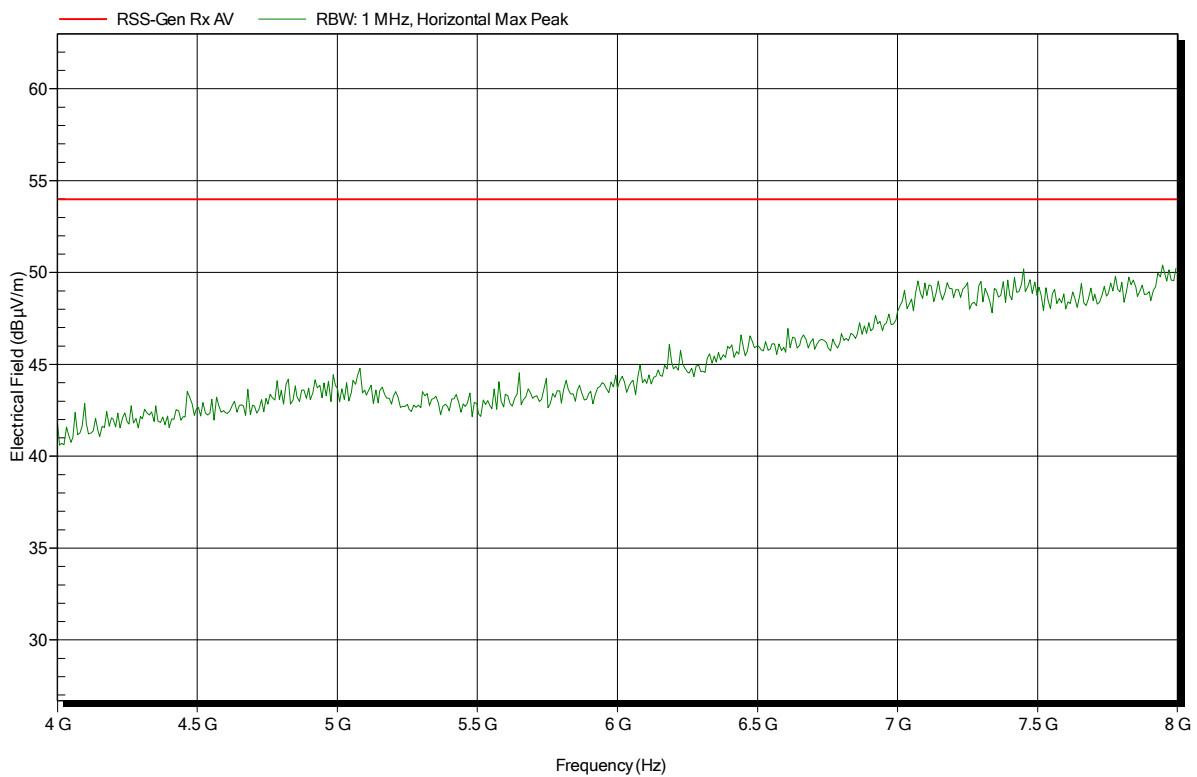


### Spurious emissions according to IC RSS-247, I1

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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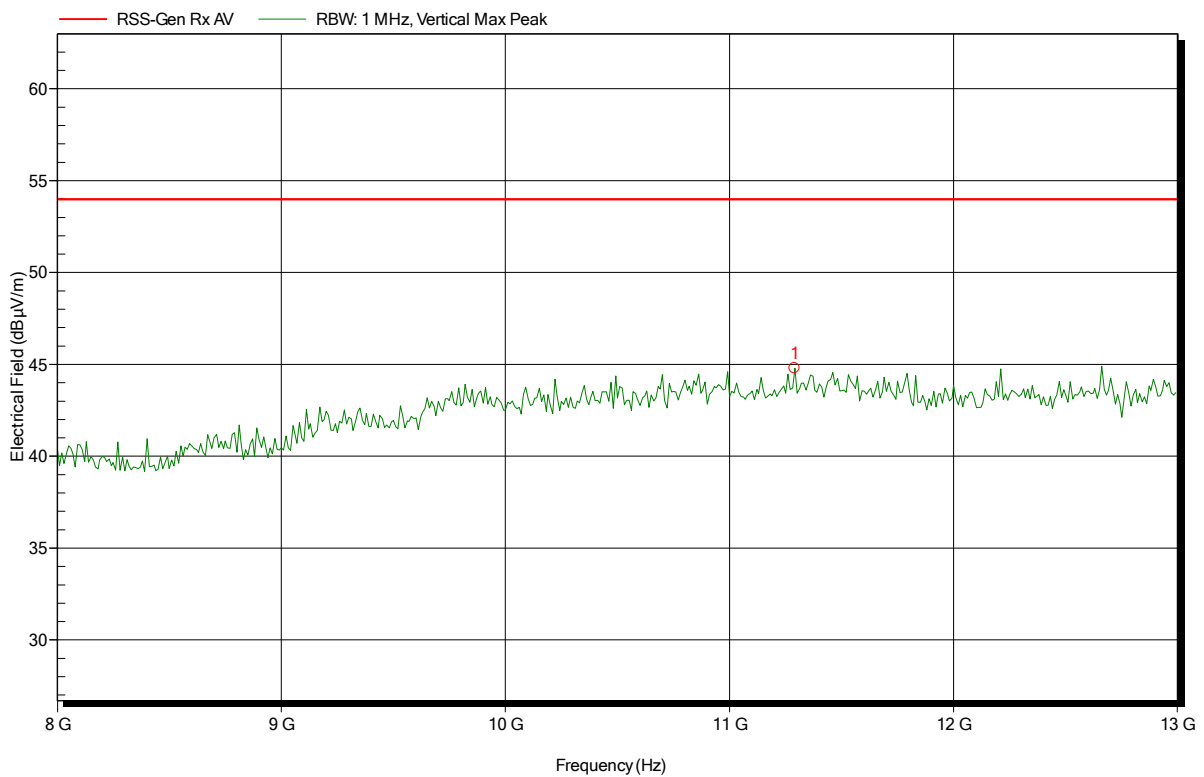


### Spurious emissions according to IC RSS-247, 11

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 1 m converted to 3m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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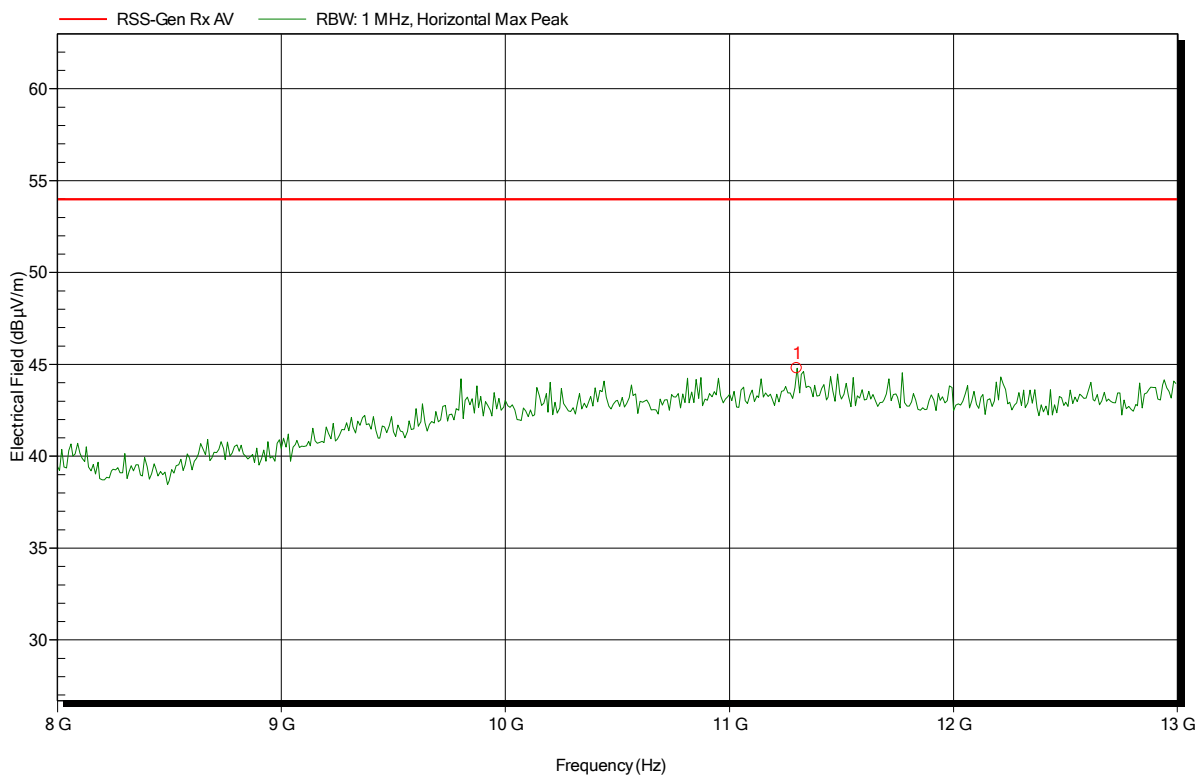
Frequency	Peak	Peak Limit	Peak Difference	Status
11.29 GHz	44.79 dBµV/m	53.98 dBµV/m	-9.19 dB	Pass

**Spurious emissions according to IC RSS-247, I1**

Project number: G0M-1707-6716

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Gebläsefiltergerät  
 Model: R59550 (Dräger X-plore 8700 (Ex))  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Pudell  
 Test Conditions: Tnom: 24°C, Vnom: 10.8 VDC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 1 m converted to 3m  
 Mode: RX; BT-BR; CH Hopping; Listener mode  
 Test Date: 2017-11-28  
 Note: EUT vertical; ANT integral

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Frequency	Peak	Peak Limit	Peak Difference	Status
11.3 GHz	44.79 dBµV/m	53.98 dBµV/m	-9.19 dB	Pass