





<b>FCC TEST REPORT</b> <b>FCC 47 CFR Part 15C</b> <b>Industry Canada RSS-247</b> <b>Digital transmission systems operating within the 902 – 928 MHz band</b>	
<b>Report Reference No.</b> .....	G0M-1611-6036-TFC247DT-V01
<b>Testing Laboratory</b> .....	Eurofins Product Service GmbH
<b>Address</b> .....	Storkower Str. 38c 15526 Reichenwalde Germany
<b>Accreditation</b> .....	  A2LA Accredited Testing Laboratory, Certificate No.: 1983.01 FCC Filed Test Laboratory, Reg.-No.: 96970 IC OATS Filing assigned code: 3470A
<b>Applicant's name</b> .....	Dräger Safety AG & Co. KGaA
<b>Address</b> .....	Revalstraße 1 23560 Lübeck GERMANY
<b>Test specification:</b>	
<b>Standard</b> .....	47 CFR Part 15C RSS-247, Issue 1, 2015-05
<b>Equipment under test (EUT):</b>	
Product description	Portable Alarm Amplifier
Model No.	AAC 00xx
Additional Model(s)	None
Brand Name(s)	Draeger X-zone 5500
Hardware version	8324825
Firmware / Software version	2.24
	FCC-ID: X6O-AAC00XX      IC: 5895F-AAC00XX
<b>Test result</b>	<b>Passed</b>

<b>Possible test case verdicts:</b>	
- neither assessed nor tested .....	N/N
- required by standard but not appl. to test object.....	N/A
- required by standard but not tested.....	N/T
- not required by standard for the test object .....	N/R
- 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 .....	2016-11-23
Date (s) of performance of tests .....	2016-11-23 – 2016-11-24
Compiled by .....	Sebastian Suckow
Tested by (+ signature)..... (Responsible for Test)	Sebastian Suckow 
Approved by (+ signature) .....	Christian Weber 
Date of issue .....	2016-11-29
Total number of pages .....	67
<b>General remarks:</b>	
<p><b>The test results presented in this report relate only to the object tested.</b></p> <p><b>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.</b></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>	

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## Version History

Version	Issue Date	Remarks	Revised by
01	2016-11-29	Initial Release	

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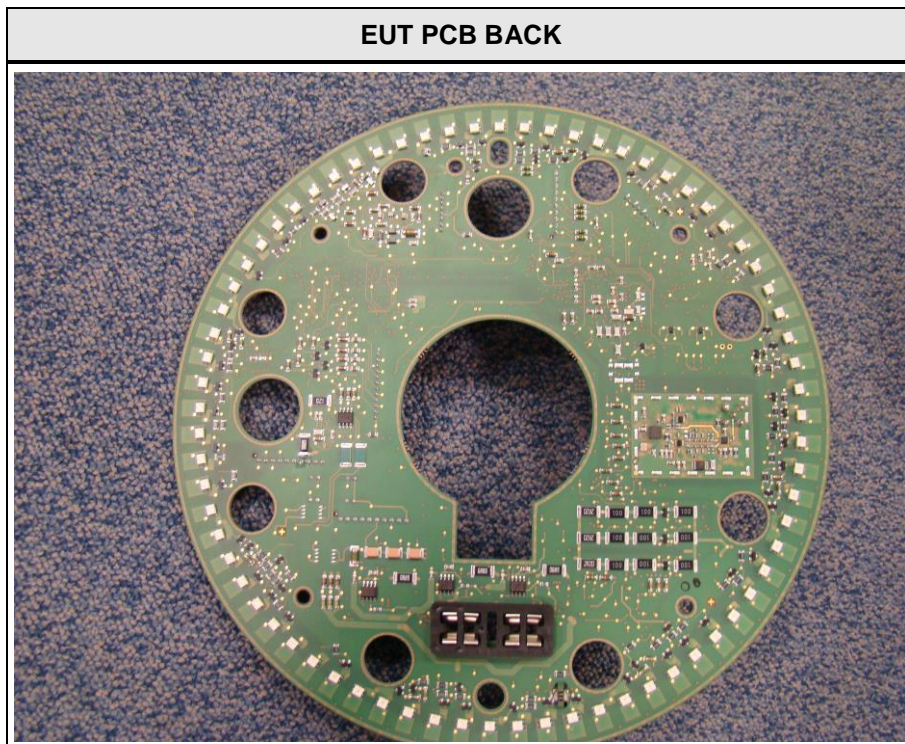
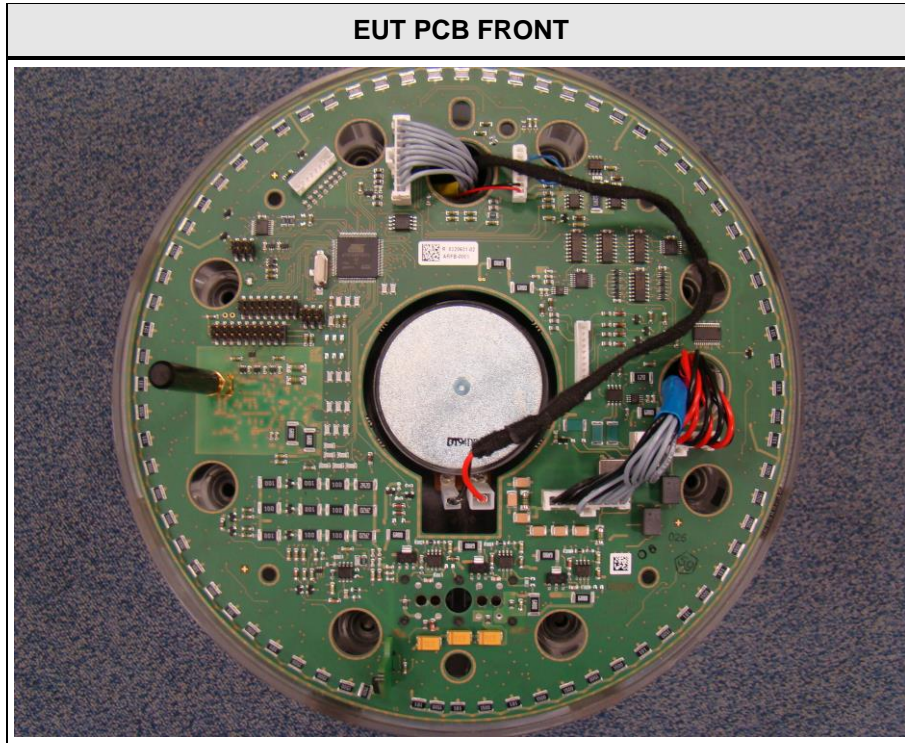
## 1 Equipment (Test item) Description

<b>Description</b>	Portable Alarm Amplifier	
<b>Model</b>	AAC 00xx	
<b>Additional Model(s)</b>	None	
<b>Brand Name(s)</b>	Draeger X-zone 5500	
<b>Serial number</b>	ARFH-0042	
<b>Hardware version</b>	8324825	
<b>Software / Firmware version</b>	2.24	
<b>FCC-ID</b>	X6O-AAC00XX	
<b>IC</b>	5895F-AAC00XX	
<b>Equipment type</b>	End product	
<b>Radio type</b>	Transceiver	
<b>Radio technology</b>	custom	
<b>Operating frequency range</b>	917 - 926 MHz	
<b>Assigned frequency band</b>	902 - 928 MHz	
<b>Frequency range</b>	F <sub>LOW</sub>	917 MHz
	F <sub>MID</sub>	921.5 MHz
	F <sub>HIGH</sub>	926 MHz
<b>Spreading</b>	None	
<b>Modulations</b>	FSK	
<b>Number of antennas</b>	1	
<b>Antenna</b>	Type	integrated
	Gain	+1.0 dBi
<b>Manufacturer</b>	Dräger Safety AG & Co. KGaA Revalstraße 1 23560 Lübeck GERMANY	
<b>Power supply</b>	V <sub>NOM</sub>	6.0 VDC
	V <sub>MIN</sub>	N/A
	V <sub>MIN</sub>	N/A
<b>AC/DC-Adaptor</b>	Model	N/A
	Vendor	N/A
	Input	N/A
	Output	N/A

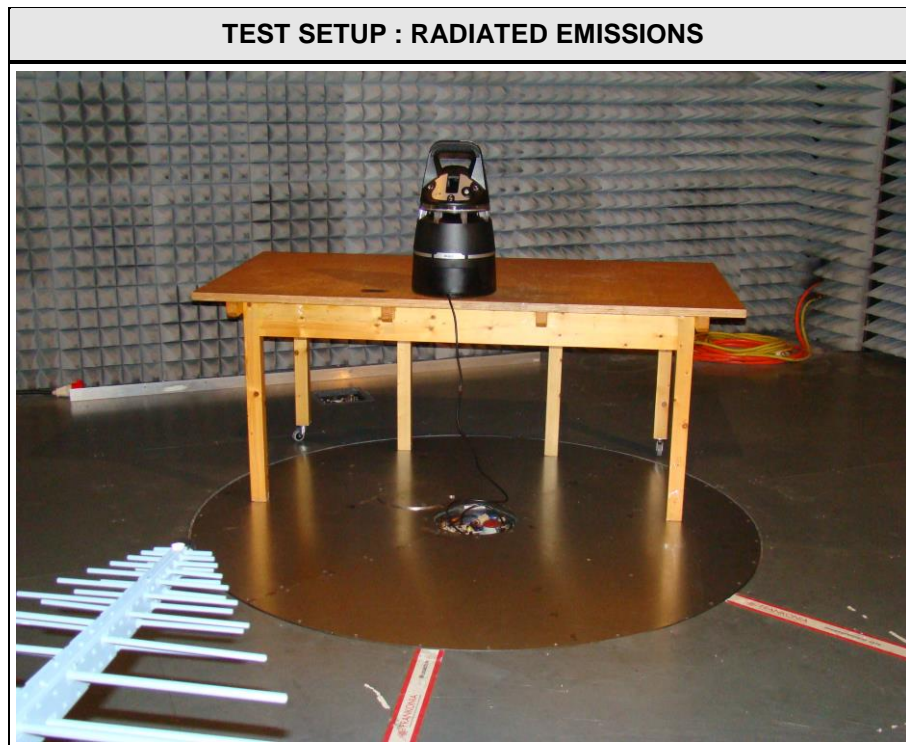
1.1 Photos – Equipment External



1.2 Photos – Equipment internal



1.3 Photos – Test setup





#### 1.4 Supporting Equipment Used During Testing

Product Type*	Device	Manufacturer	Model No.	Comments
None				
<p><b>*Note:</b> Use the following abbreviations:</p> <p style="padding-left: 40px;">AE : Auxiliary/Associated Equipment, or</p> <p style="padding-left: 40px;">SIM : Simulator (Not Subjected to Test)</p> <p style="padding-left: 40px;">CABL : Connecting cables</p>				

**1.5 Test Modes**

Mode #	Description	
Single	General conditions:	EUT powered by laboratory power supply
	Radio conditions:	Mode = standalone transmit Spreading = None Modulation = FSK Duty cycle = 100 % Power level = Maximum
Transmit-Bat	General conditions:	EUT powered by battery
	Radio conditions:	Mode = standalone transmit Spreading = None Modulation = FSK Duty cycle = 100 % Power level = Maximum

**1.6 Test Equipment Used During Testing**

<b>Measurement Software</b>			
Description	Manufacturer	Name	Version
EMC Test Software	Dare Instruments	Radimation	2015.2.4

<b>Occupied Bandwidth</b>					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSP 30	EF00312	2014-02	2015-02

<b>Radiated spurious emissions</b>					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic chamber	Frankonia	AC 4	EF00311	-	-
Spectrum Analyzer	R&S	FSP30	EF00312	2016-02	2017-02
Biconical Antenna	R&S	HK 116	EF00203	2016-06	2018-06
LPD Antenna	R&S	HL 223	EF00013	2016-06	2018-06
Horn Antenna	Schwarzbeck	BBHA9120D	EF00015	2015-07	2017-07

### 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 dB $\mu$ V. 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 dB $\mu$ V/m). The FCC limits are given in units of  $\mu$ V/m. The following formula is used to convert the units of  $\mu$ V/m to dB $\mu$ V/m:

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

#### 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:


$$\begin{array}{rclcl} \text{Reading} & + & \text{AF} & = & \text{Net Reading} & : & \text{Net reading - FCC limit} & = & \text{Margin} \\ 21.5 \text{ dB}\mu\text{V} & + & 26 \text{ dB} & = & 47.5 \text{ dB}\mu\text{V/m} & : & 47.5 \text{ dB}\mu\text{V/m} - 57.0 \text{ dB}\mu\text{V/m} & = & -9.5 \text{ dB} \end{array}$$

## 2 Result Summary

FCC 47 CFR Part 15C, ISED RSS-247				
Product Specific Standard Section	Requirement – Test	Reference Method	Result	Remarks
RSS-Gen 6.6	Occupied Bandwidth	ANSI C63.10	N/R	Informational only
FCC § 15.247(a)(2) ISED RSS-247 § 5.2	6 dB Bandwidth	ANSI C63.10	N/N	
FCC § 15.247(b)(3) ISED RSS-247 § 5.4	Maximum peak conducted power	ANSI C63.10	N/N	
FCC § 15.247(e) ISED RSS-247 § 5.2	Power spectral density	ANSI C63.10	N/N	
47 CFR 15.207 ISED RSS-247 § 3.1	AC power line conducted emissions	ANSI C63.4	N/N	
FCC § 15.247(d) ISED RSS-247 § 5.5	Band edge compliance	ANSI C63.10	N/N	
FCC § 15.247(d) ISED RSS-247 § 5.5	Conducted spurious emissions	ANSI C63.10	N/N	
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	
<b>Remarks:</b>				
The test scope corresponds to a reassessment (class II permissive change) of the given EUT. Test selection is based on the following changes given by the customer. All non-tested requirements are considered unaffected and given in the documents of the original filing.				

### 3 Test Conditions and Results

#### 3.1 Test Conditions and Results – Occupied Bandwidth

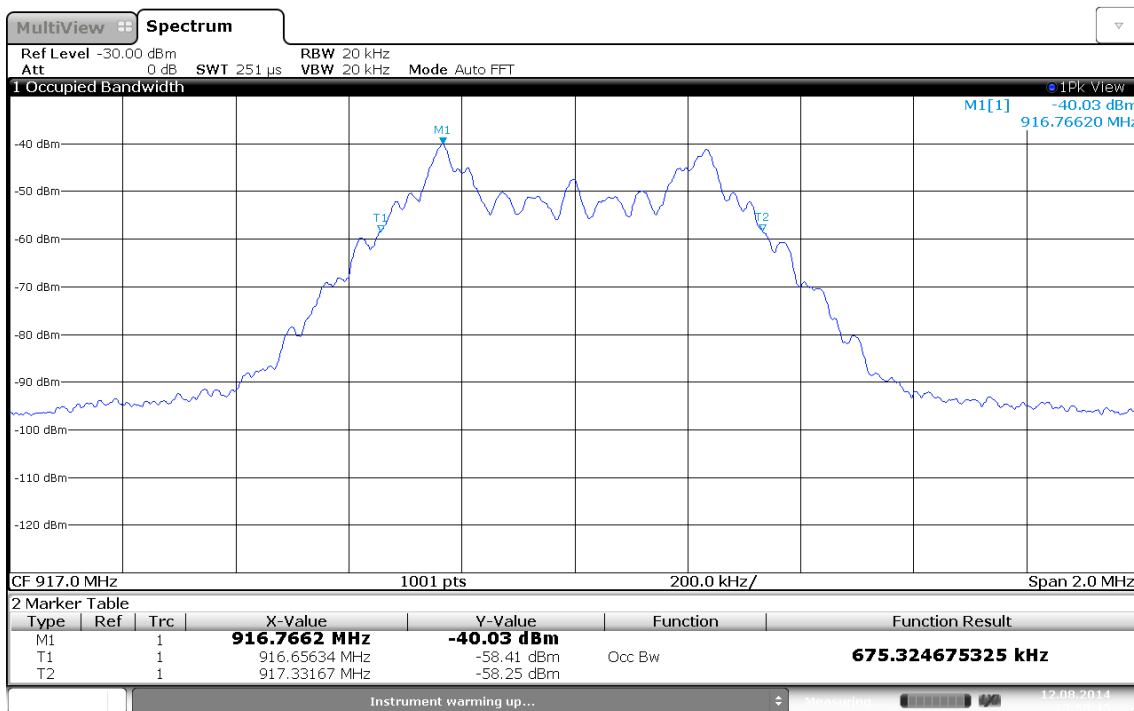
Occupied Bandwidth acc. ISED RSS-Gen		Verdict: PASS
Test according to measurement reference	Reference Method	
	ANSI C63.10	
Test frequency range	Tested frequencies	
	$F_{LOW} / F_{MID} / F_{HIGH}$	
EUT test mode	Single	
Limits		
None (Informational only)		
Test setup		
 <pre> graph LR     SA[Spectrum Analyzer] --- EUT[EUT]             </pre>		
Test procedure		
<ol style="list-style-type: none"> <li>EUT set to test mode (Communication tester is used if needed)</li> <li>Span set to at least twice the emission spectrum</li> <li>Resolution bandwidth set to 1 % of span</li> <li>Occupied Bandwidth (99 %) measurement with spectrum analyzer built in measurement function</li> </ol>		
Test results		
Channel	Frequency [MHz]	Occupied Bandwidth [kHz]
$F_{LOW}$	917	675.33
$F_{MID}$	921.5	655.35
$F_{HIGH}$	926	671.33
Comments:		

Occupied Bandwidth – F<sub>Low</sub>

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1407-3996

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: AAC 00XX  
 Test Site: Eurofins Product Service GmbH  
 Operator: Christian Weber  
 Test Conditions: Tnom / Vnom  
 Mode: Tx, FSK, 917 MHz, 125 kbps  
 Test Date: 2014-08-12  
 Verdict: NONE (INFORMATION ONLY)  
 Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used  
 Note 2: OBW= 675.33 kHz

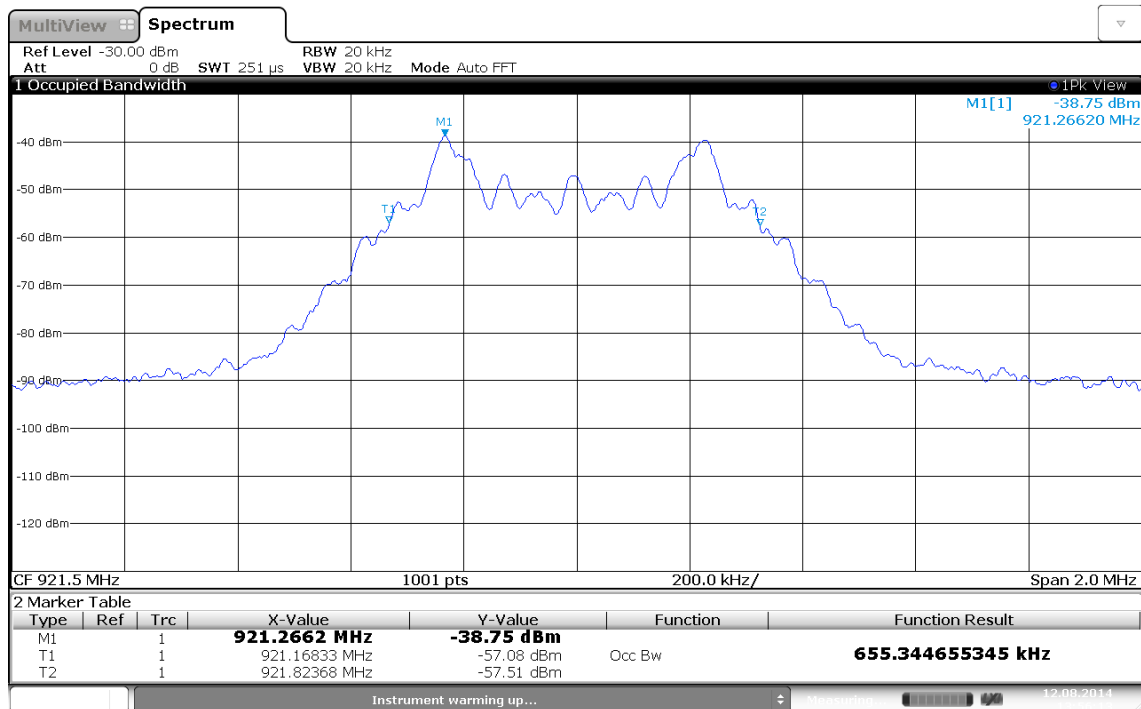


Occupied Bandwidth – F<sub>MID</sub>

Occupied Bandwidth acc. to RSS-Gen

Project Number: G0M-1407-3996

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: AAC 00XX  
 Test Site: Eurofins Product Service GmbH  
 Operator: Christian Weber  
 Test Conditions: Tnom / Vnom  
 Mode: Tx, FSK, 921.5 MHz, 125 kbps  
 Test Date: 2014-08-12  
 Verdict: NONE (INFORMATION ONLY)  
 Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used  
 Note 2: OBW= 655.35 kHz

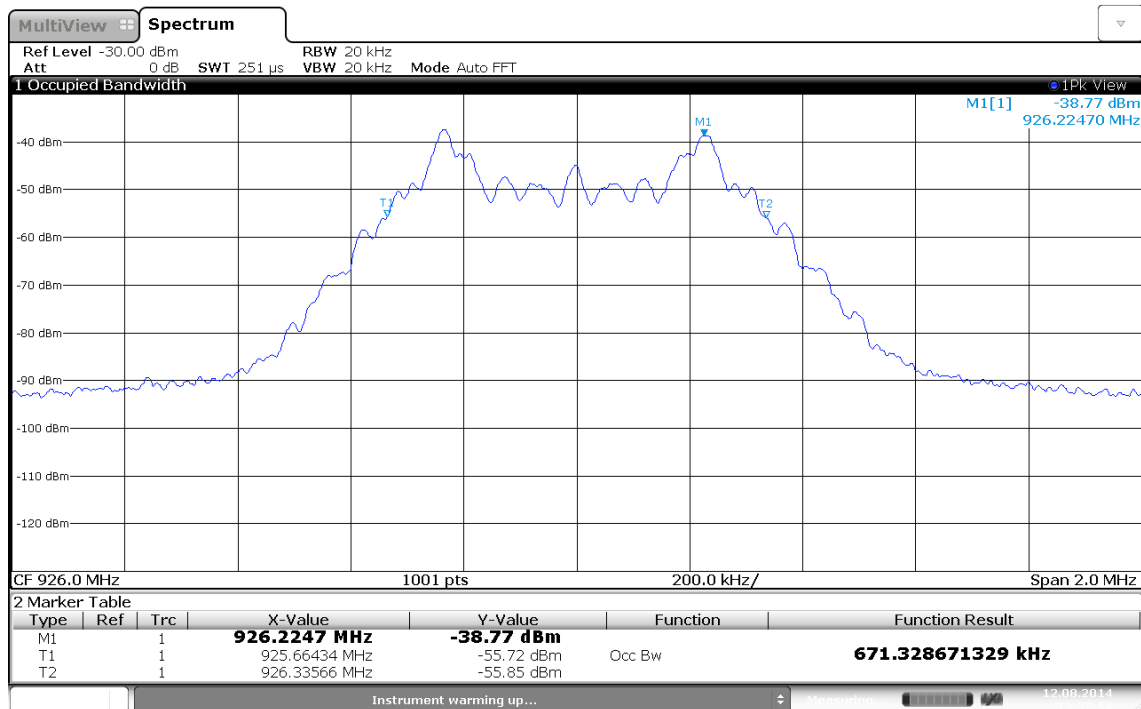




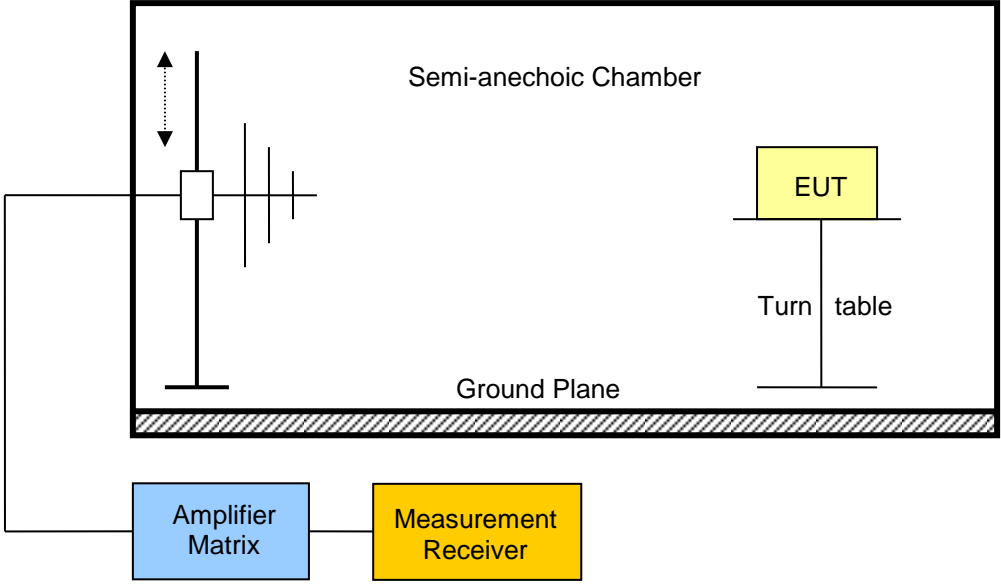
**Occupied Bandwidth – F<sub>HIGH</sub>**
**Occupied Bandwidth acc. to RSS-Gen**

Project Number: G0M-1407-3996

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: AAC 00XX  
 Test Site: Eurofins Product Service GmbH  
 Operator: Christian Weber  
 Test Conditions: Tnom / Vnom  
 Mode: Tx, FSK, 926 MHz, 125 kbps  
 Test Date: 2014-08-12  
 Verdict: NONE (INFORMATION ONLY)  
 Note 1: A spectrum analyzer with an integrated 99% power bandwidth function is used  
 Note 2: OBW= 671.33 kHz

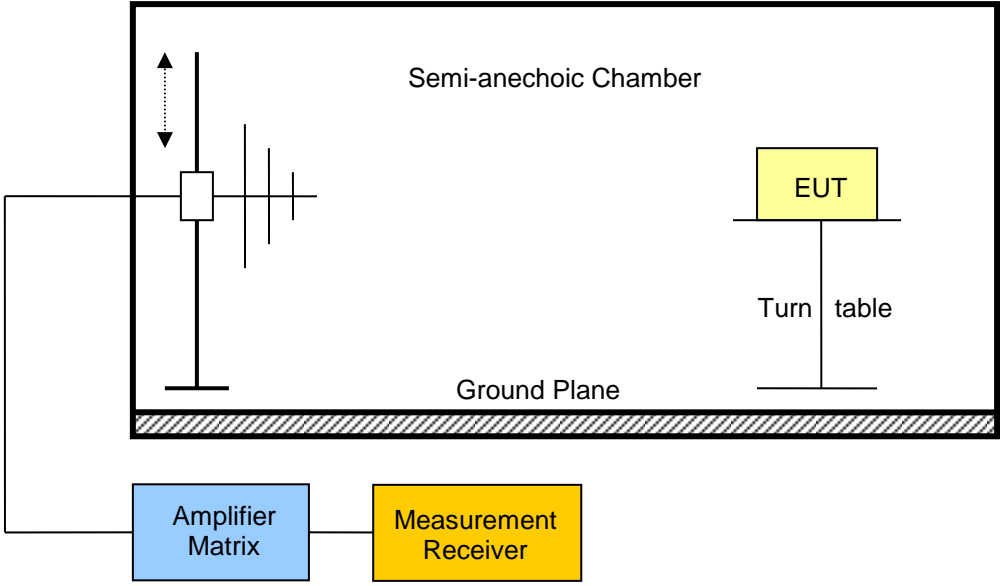


3.2 Test Conditions and Results – Transmitter radiated emissions

Transmitter radiated emissions acc. FCC 47 CFR 15.247 / ISED RSS-210				Verdict: PASS
Test according referenced standards	Reference Method			
	FCC 15.247(d) / ISED RSS-247 5.5			
Test according to measurement reference	Reference Method			
	ANSI C63.10			
Test frequency range	Tested frequencies			
	30 MHz – 10 <sup>th</sup> Harmonic			
EUT test mode	Single			
Limits				
Frequency range [MHz]	Detector	Limit [ $\mu$ V/m]	Limit [dB $\mu$ V/m]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3
<p>Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).</p> <p>When average radiated emission measurements are specified, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.</p>				
Test setup				
 <p>The diagram illustrates the test setup within a Semi-anechoic Chamber. A Ground Plane is at the base. The Equipment Under Test (EUT) is placed on a Turn table. A probe is positioned above the EUT, with a vertical double-headed arrow indicating its height. The chamber is connected to an Amplifier Matrix and a Measurement Receiver.</p>				

Test procedure								
1. EUT set to test mode (Communication tester is used if needed) 2. Span it set according to measurement range 3. Resolution bandwidth below 1 GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1 MHz with peak/average detector is used above 1 GHz 4. Markers are set to peak emission levels within restricted bands								
Test results								
Channel	Frequency [MHz]	Emission [MHz]	Level [dB $\mu$ V/m]	Detector	Pol.	Limit [dB $\mu$ V/m]	Limit distance [m]*	Margin [dB]
F <sub>LOW</sub>	917	1832	51.02	pk	hor	95.00	3	-43.98
F <sub>LOW</sub>	917	1832	59.18	pk	ver	95.00	3	-35.82
F <sub>LOW</sub>	917	2749	44.41	pk	hor	74.00	3	-29.59
F <sub>LOW</sub>	917	2749	52.08	pk	ver	74.00	3	-21.92
F <sub>LOW</sub>	917	3665	40.61	pk	hor	74.00	3	-33.39
F <sub>LOW</sub>	917	3665	47.21	pk	ver	74.00	3	-26.79
F <sub>MID</sub>	921.5	1838	51.78	pk	hor	95.00	3	-43.22
F <sub>MID</sub>	921.5	1838	59.90	pk	ver	95.00	3	-35.10
F <sub>MID</sub>	921.5	2760	45.25	pk	hor	74.00	3	-28.75
F <sub>MID</sub>	921.5	2760	52.18	pk	ver	74.00	3	-21.82
F <sub>MID</sub>	921.5	3683	39.74	pk	hor	74.00	3	-34.26
F <sub>MID</sub>	921.5	3683	46.61	pk	ver	74.00	3	-27.39
F <sub>MID</sub>	921.5	4607	42.45	pk	ver	74.00	3	-31.55
F <sub>HIGH</sub>	926	1850	52.56	pk	hor	95.00	3	-42.44
F <sub>HIGH</sub>	926	2605	44.15	pk	ver	95.00	3	-50.85
F <sub>HIGH</sub>	926	2772	44.98	pk	hor	74.00	3	-29.02
F <sub>HIGH</sub>	926	3701	38.84	pk	hor	74.00	3	-35.16
F <sub>HIGH</sub>	926	4623	40.21	pk	hor	74.00	3	-33.79
F <sub>HIGH</sub>	926	4623	41.66	pk	ver	74.00	3	-32.34
Comments: * Physical distance between EUT and measurement antenna.								

**3.3 Test Conditions and Results – Receiver radiated emissions**

<b>Receiver radiated emissions acc. to ISED RSS-247</b>				<b>Verdict: PASS</b>
Test according referenced standards	Reference Method			
	ISED RSS-247 3.1			
Test according to measurement reference	Reference Method			
	ANSI C63.10			
Test frequency range	Tested frequencies			
	30 MHz – 5 <sup>th</sup> Harmonic			
EUT test mode	Receive			
<b>Limits</b>				
Frequency range [MHz]	Detector	Limit [ $\mu\text{V}/\text{m}$ ]	Limit [ $\text{dB}\mu\text{V}/\text{m}$ ]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3
<b>Test setup</b>				
				

Test procedure							
<ol style="list-style-type: none"> <li>1. EUT set to receive mode (Communication tester is used if needed)</li> <li>2. Span it set according to measurement range</li> <li>3. Resolution bandwidth below 1 GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1 MHz with peak/average detector is used above 1 GHz</li> <li>4. Markers are set to peak emission levels</li> </ol>							
Test results							
Channel	Frequency [MHz]	Emission [MHz]	Emission Level [dB $\mu$ V/m]	Pol.	Det.	Limit [ $\mu$ V/m]	Margin
F <sub>MID</sub>	921.5	55.26	22.70	ver	pk	40	-17.31 dB
F <sub>MID</sub>	921.5	73.74	25.50	ver	pk	40	-14.47 dB
F <sub>MID</sub>	921.5	92.16	19.90	ver	pk	43.5	-23.61 dB
F <sub>MID</sub>	921.5	635.84	36.80	ver	pk	46	-9.17 dB
F <sub>MID</sub>	921.5	709.52	36.30	hor	pk	46	-9.68 dB
Comments: * Physical distance between EUT and measurement antenna.							

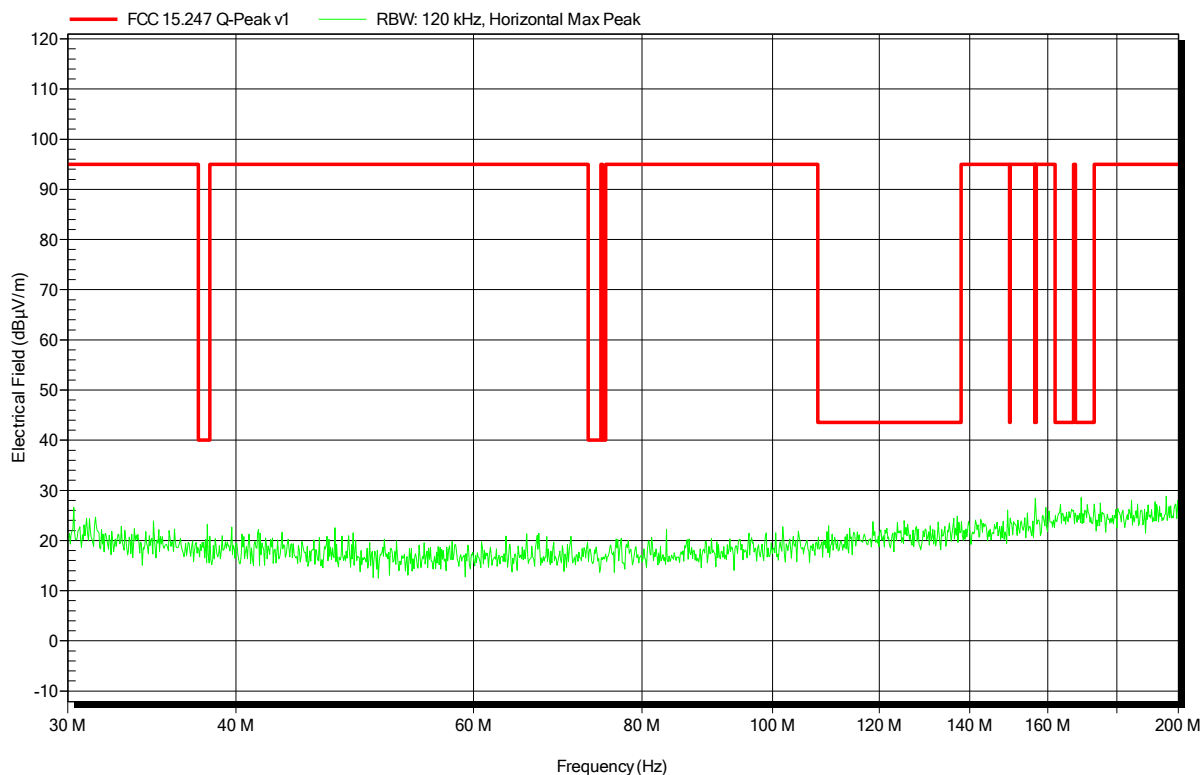
## ANNEX A Transmitter radiated spurious emissions

### Spurious emissions according to FCC 15.247

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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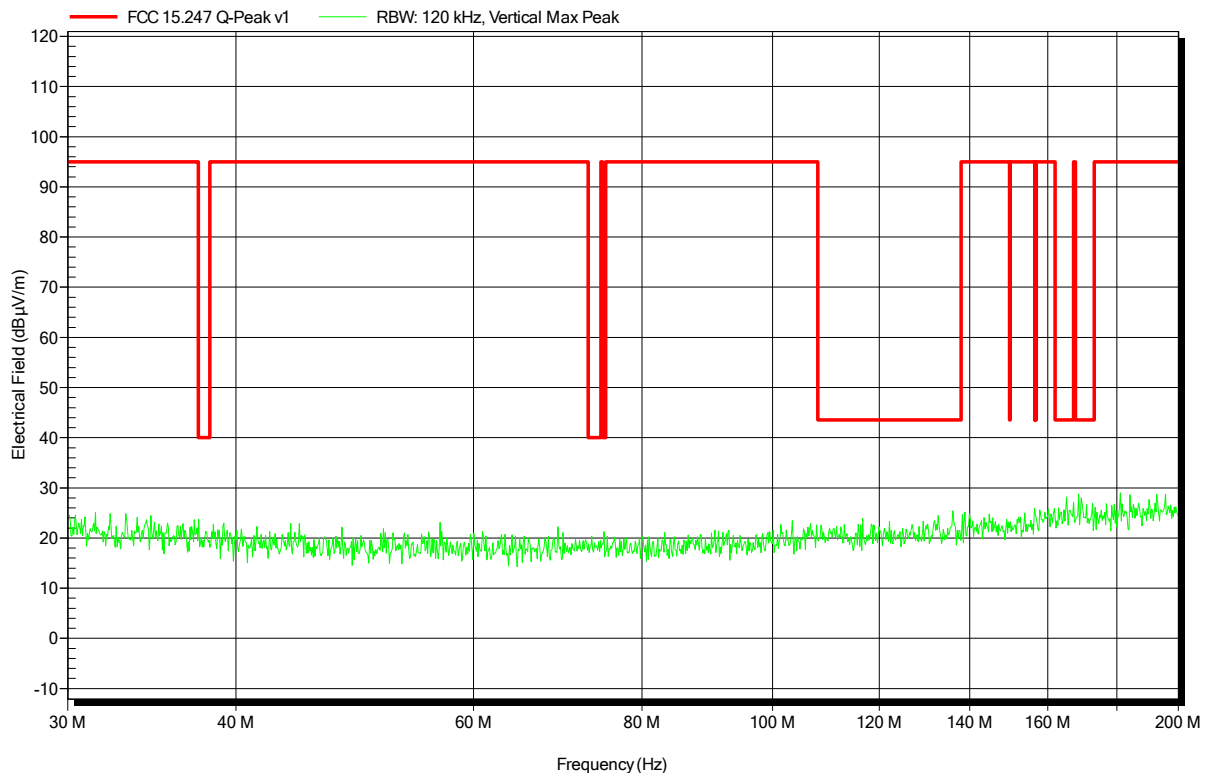


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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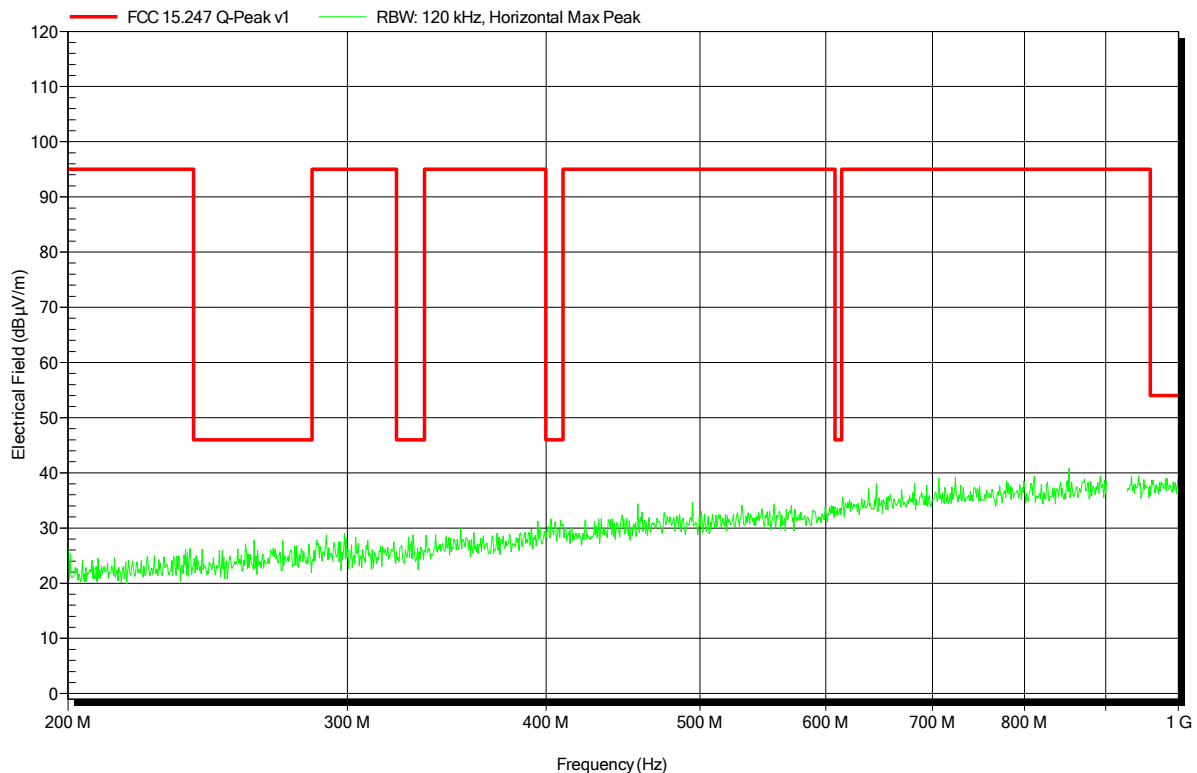


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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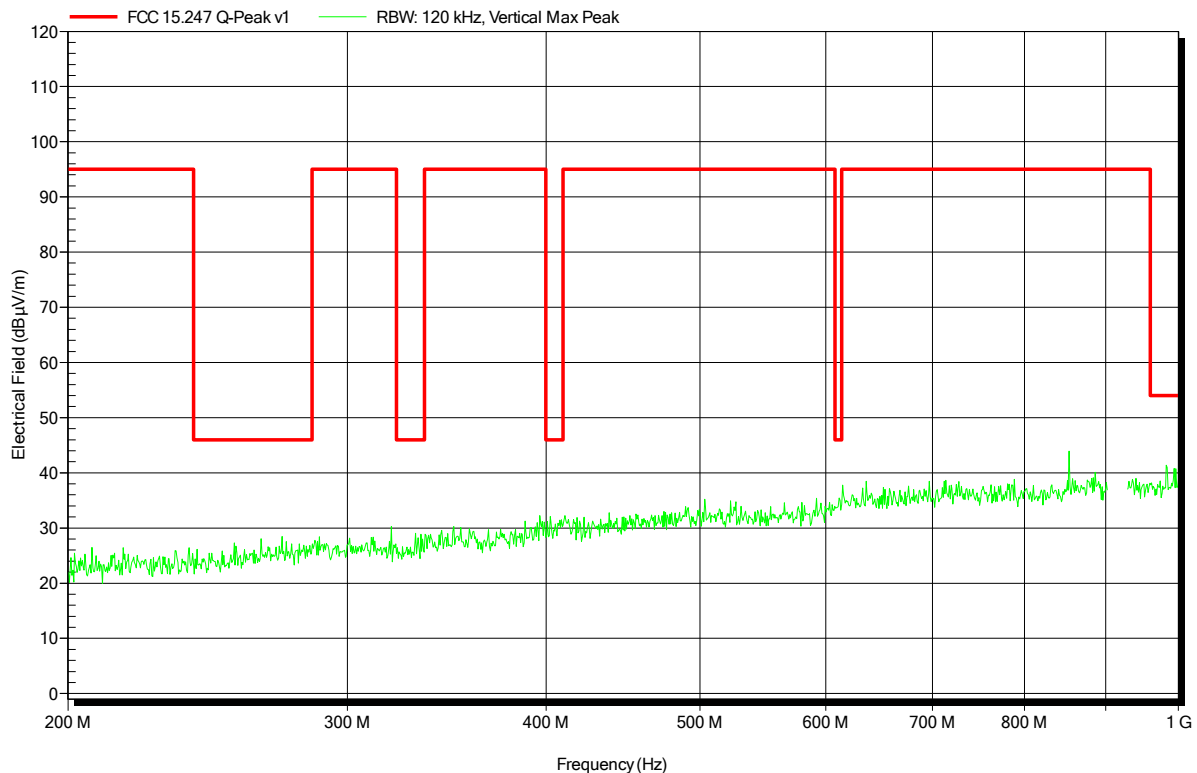


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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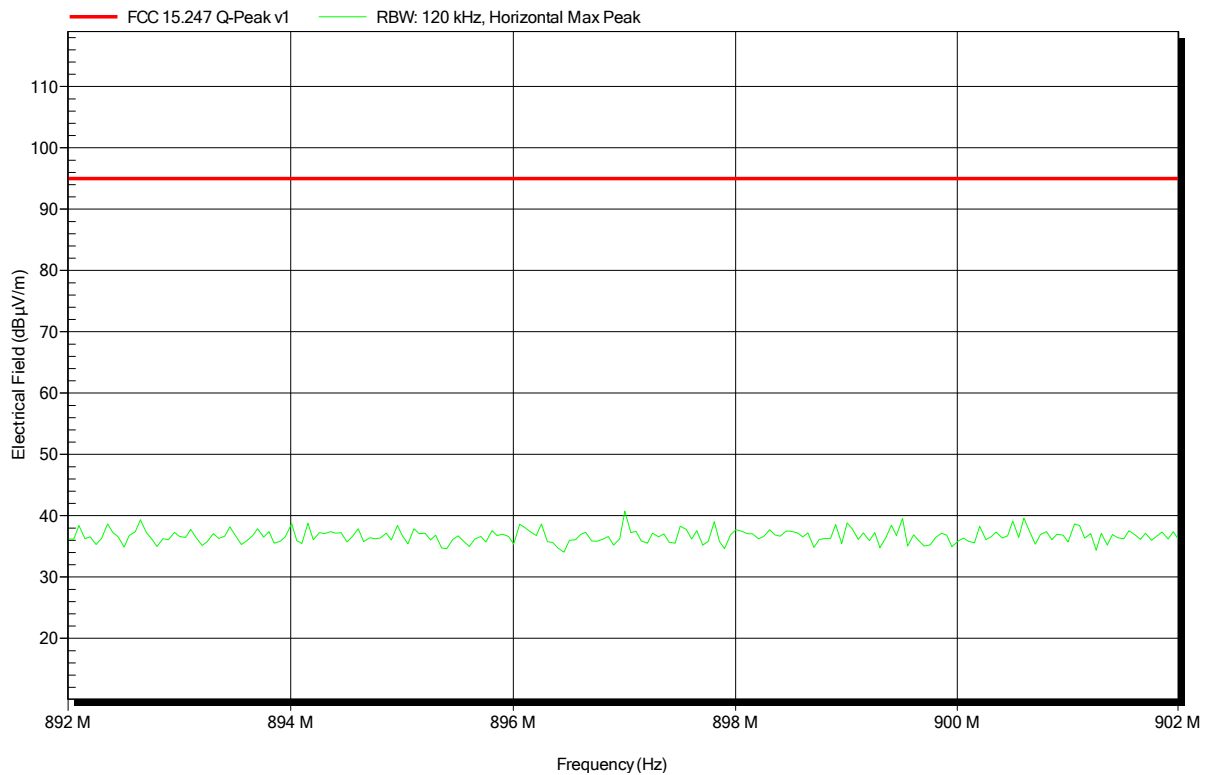


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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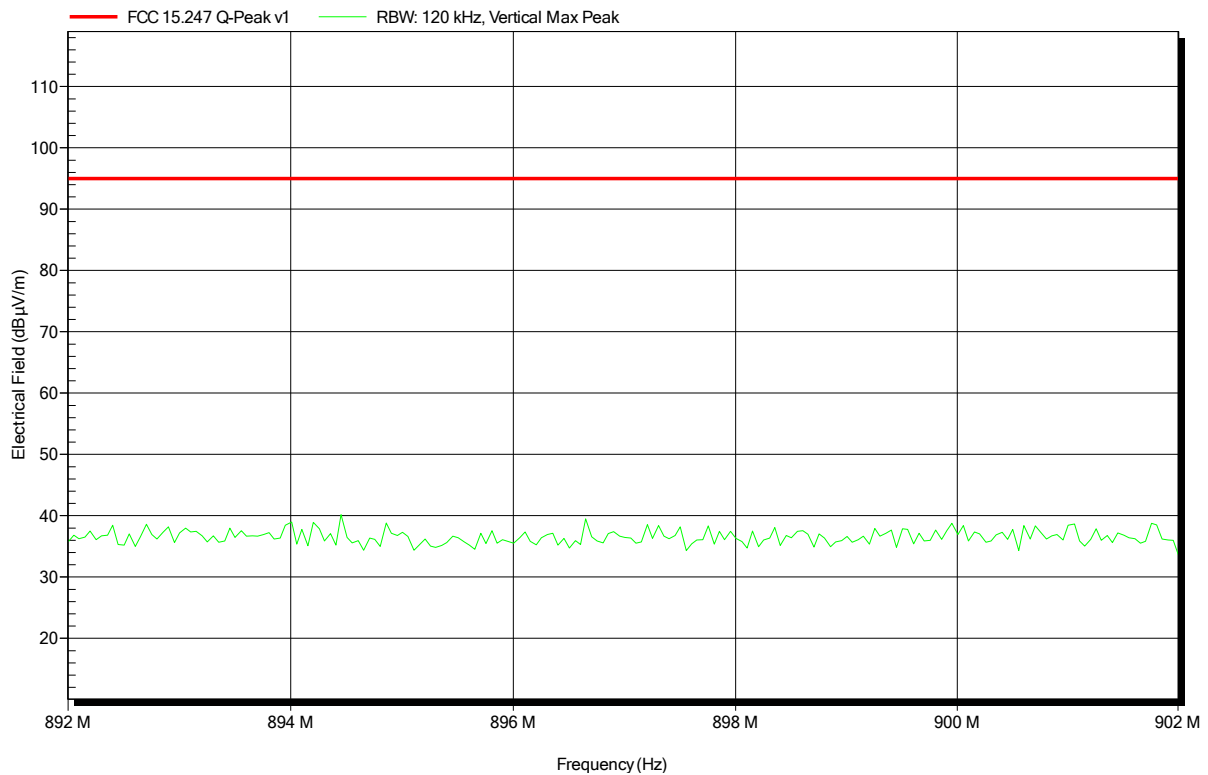


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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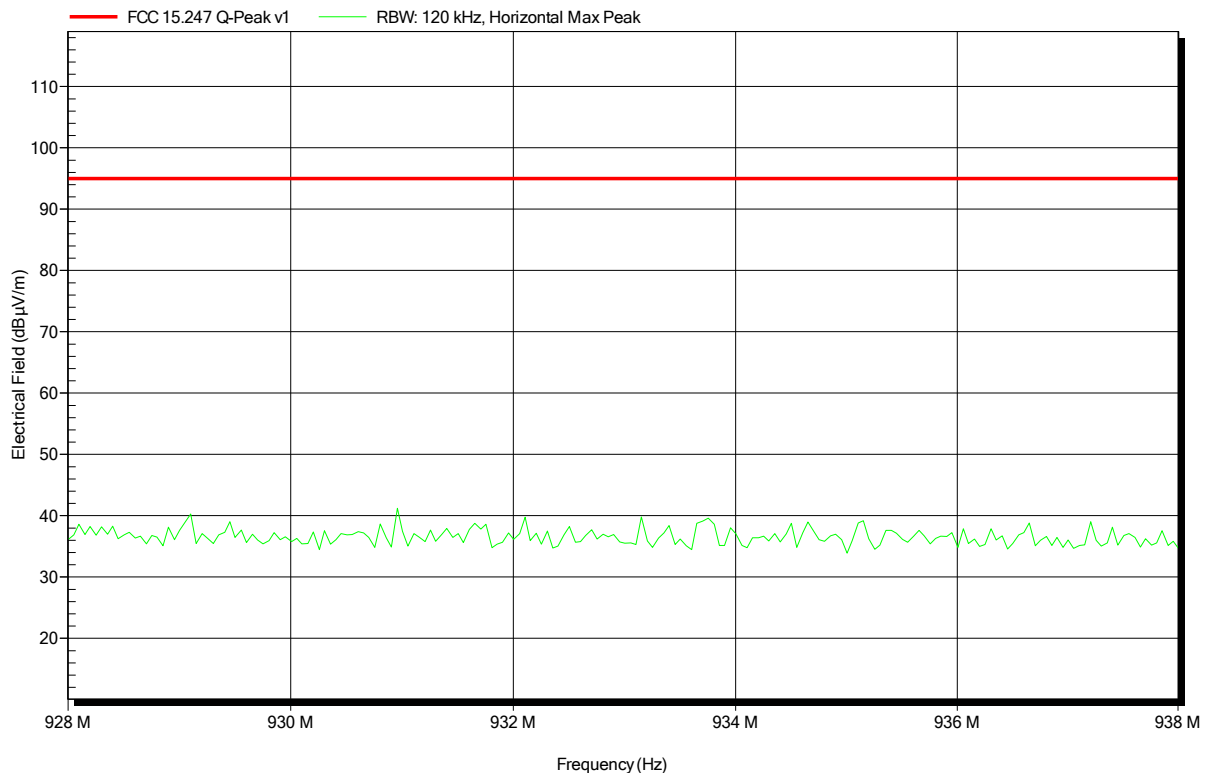


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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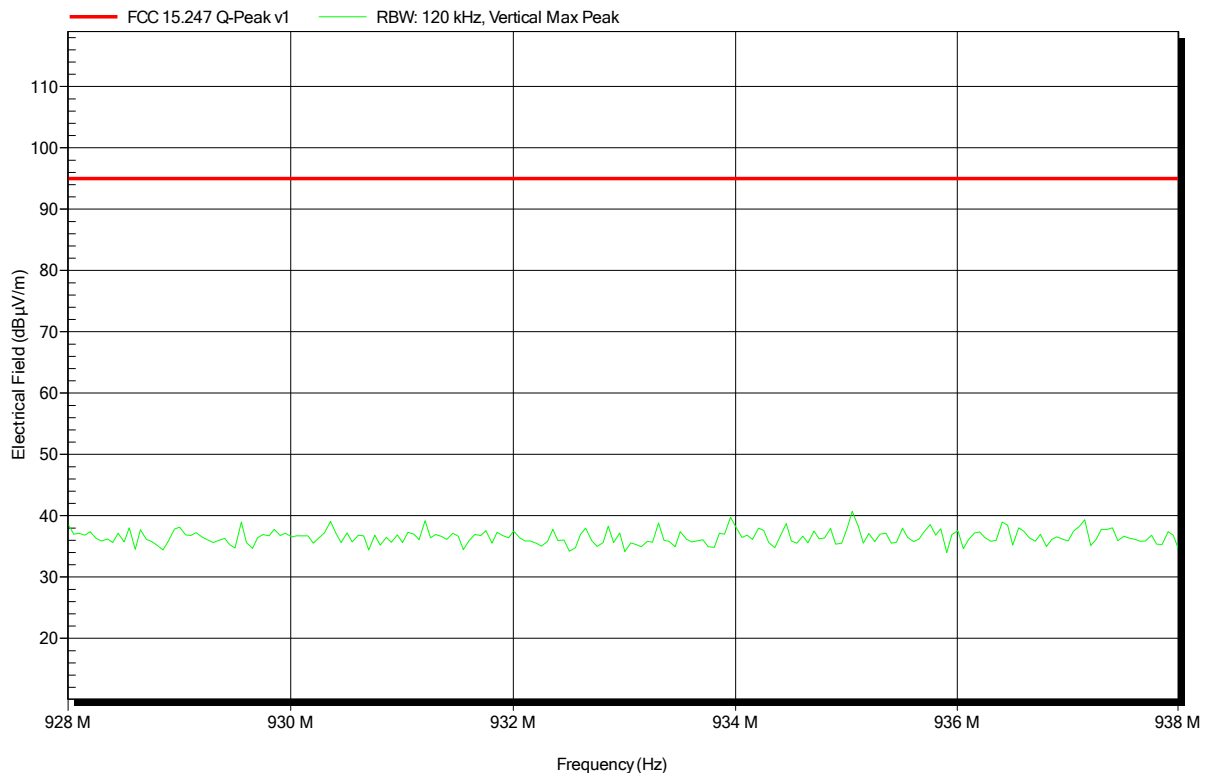


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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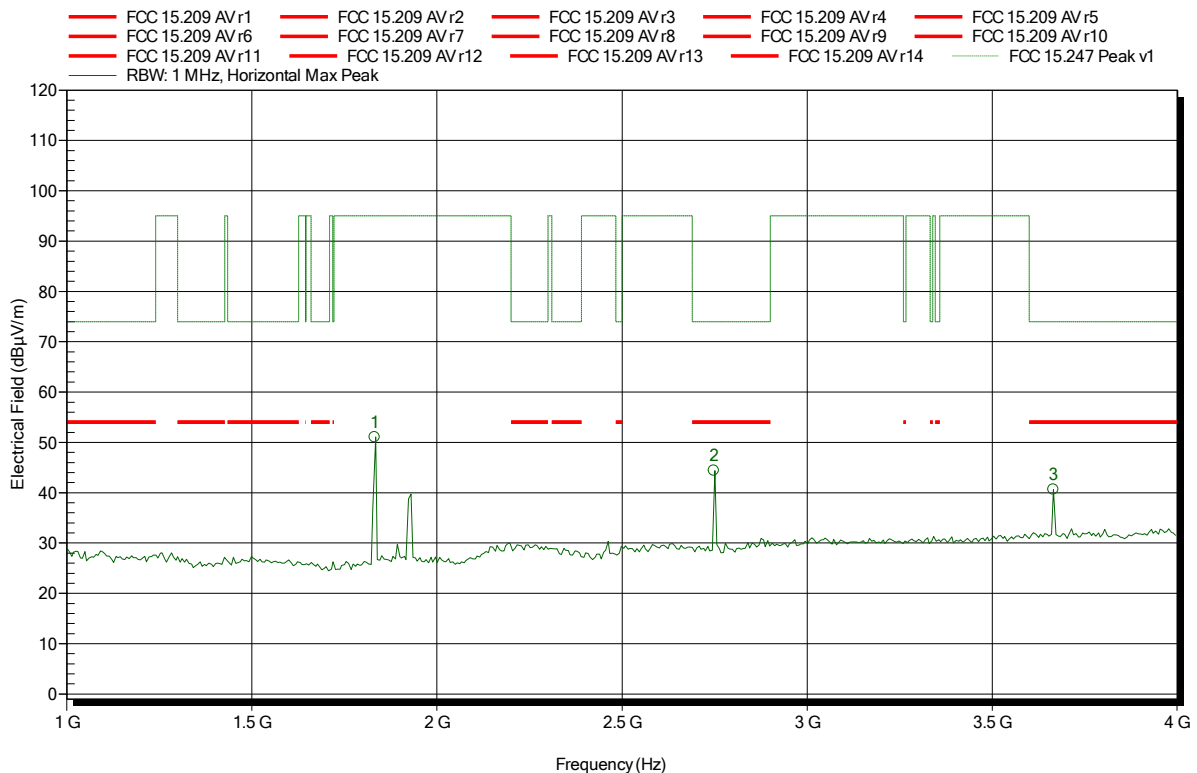


**Spurious emissions according to FCC 15.247**

Project number: GOM-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; SRD 917 MHz  
 Test Date: 2016-11-23  
 Note:

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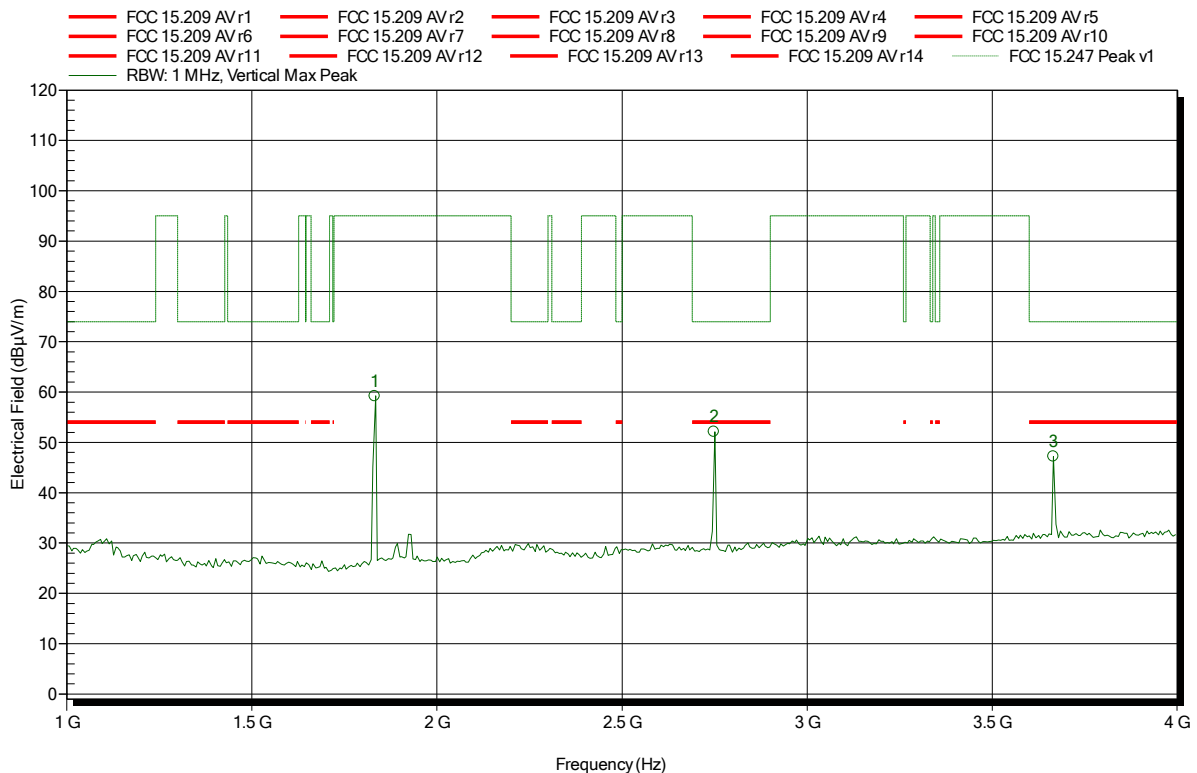
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.832 GHz	51.02 dBµV/m	95 dBµV/m	-43.98 dB	Pass
2.749 GHz	44.41 dBµV/m	74 dBµV/m	-29.59 dB	Pass
3.665 GHz	40.61 dBµV/m	74 dBµV/m	-33.39 dB	Pass

**Spurious emissions according to FCC 15.247**

Project number: GOM-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; SRD 917 MHz  
 Test Date: 2016-11-23  
 Note:

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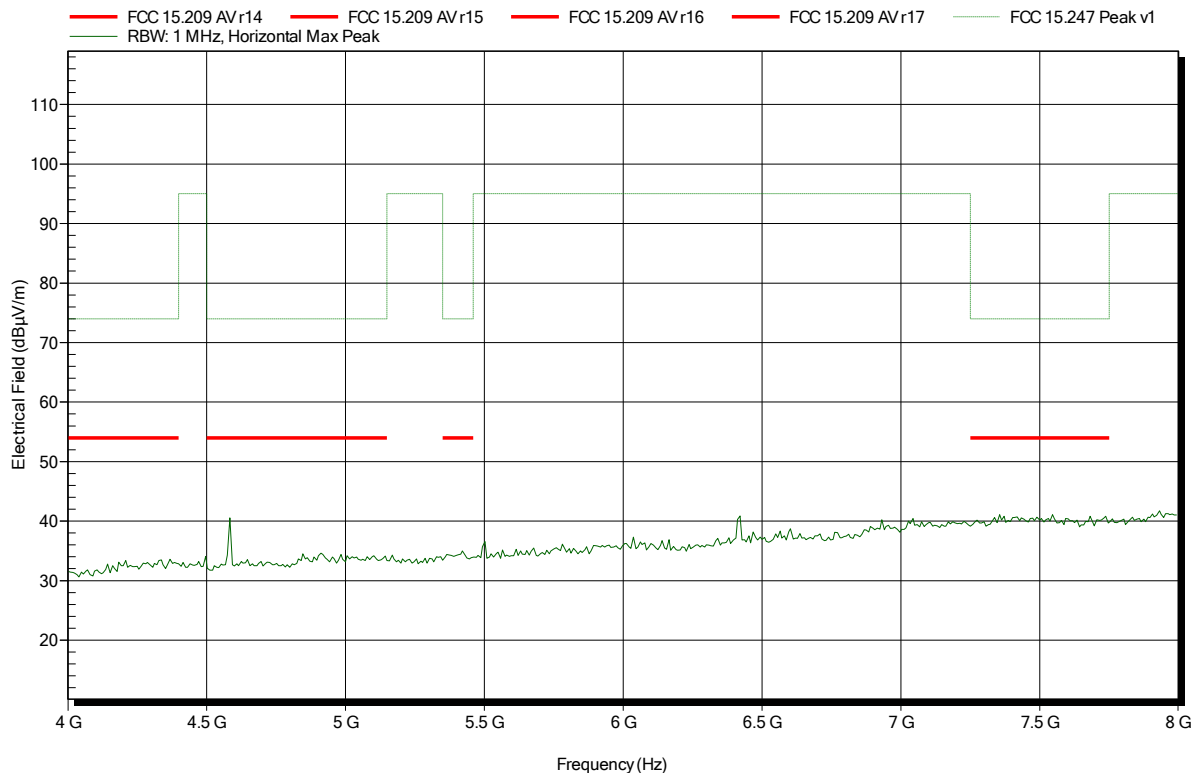
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.832 GHz	59.18 dBµV/m	95 dBµV/m	-35.82 dB	Pass
2.749 GHz	52.08 dBµV/m	74 dBµV/m	-21.92 dB	Pass
3.665 GHz	47.21 dBµV/m	74 dBµV/m	-26.79 dB	Pass

**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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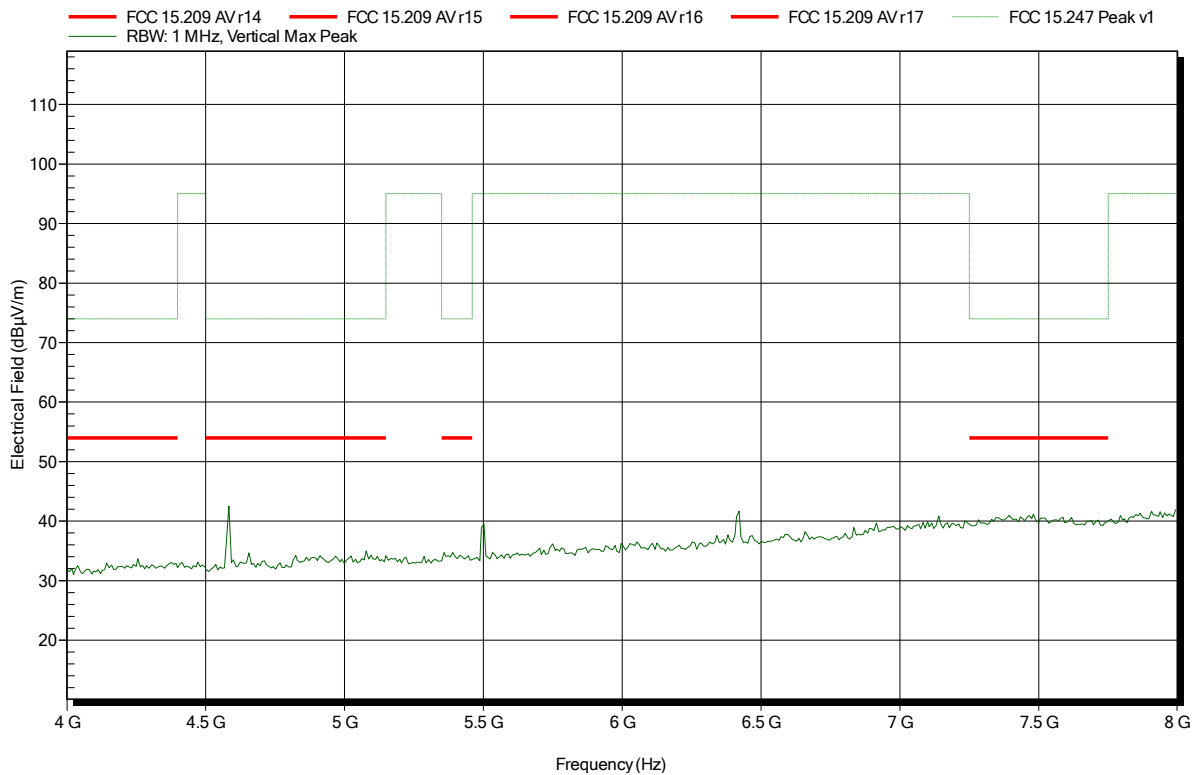


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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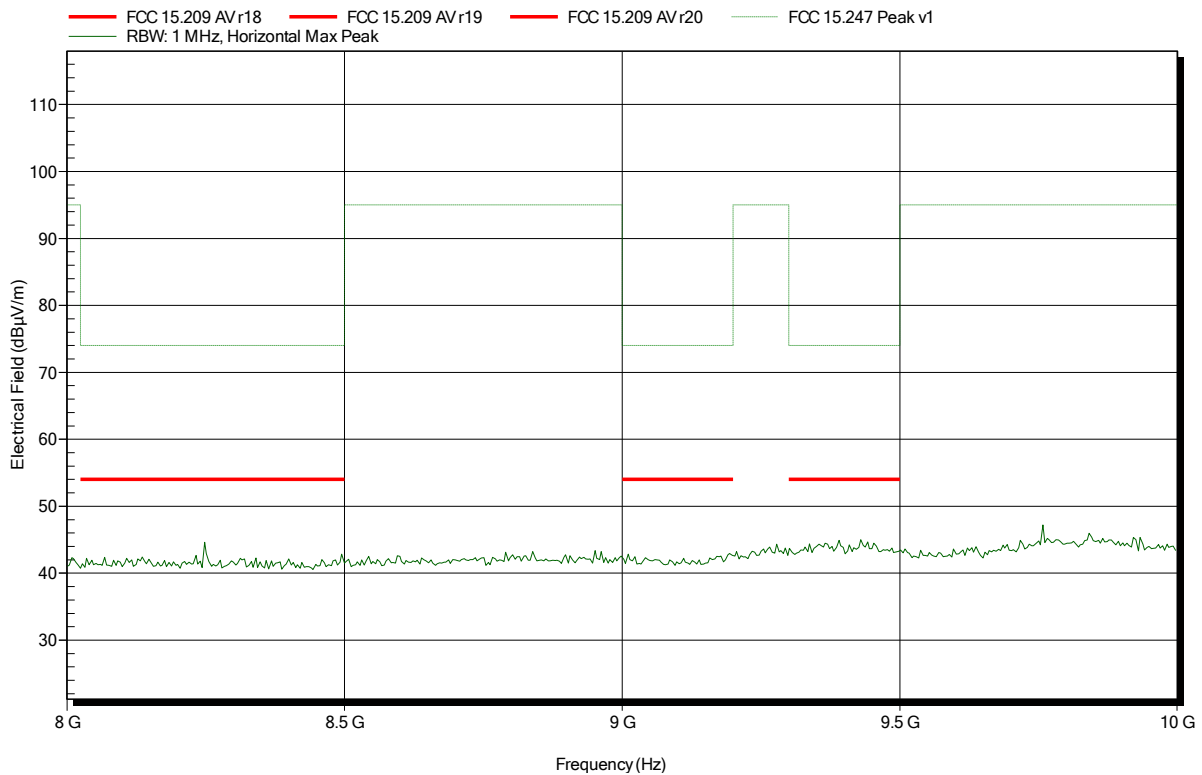


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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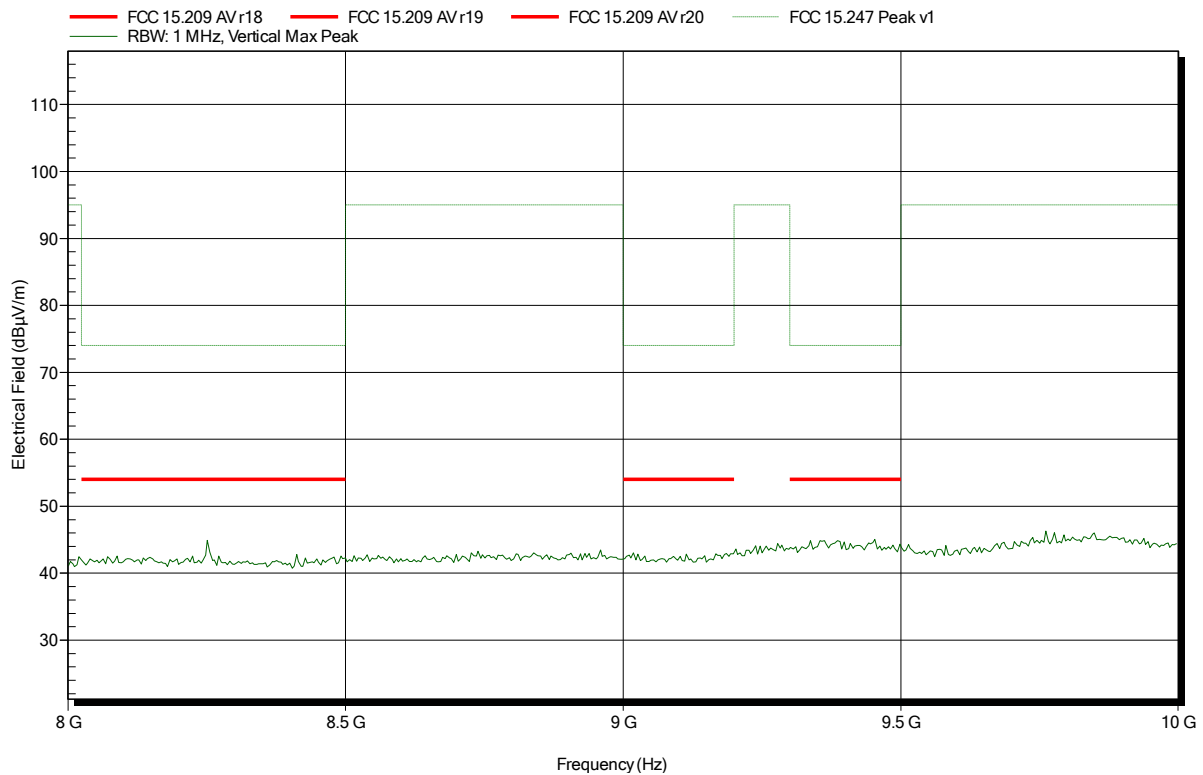


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; SRD 917 MHz
Test Date:	2016-11-23
Note:	

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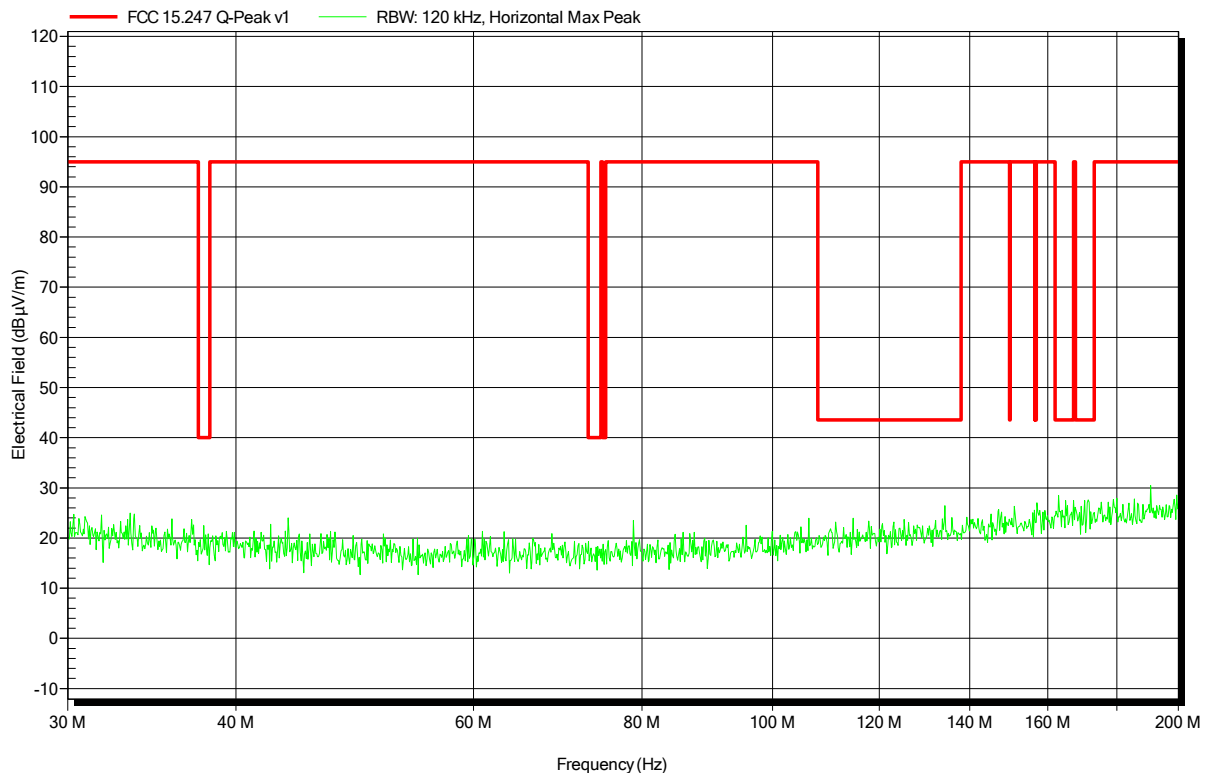


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 921.5 MHz
Test Date:	2016-11-23
Note:	

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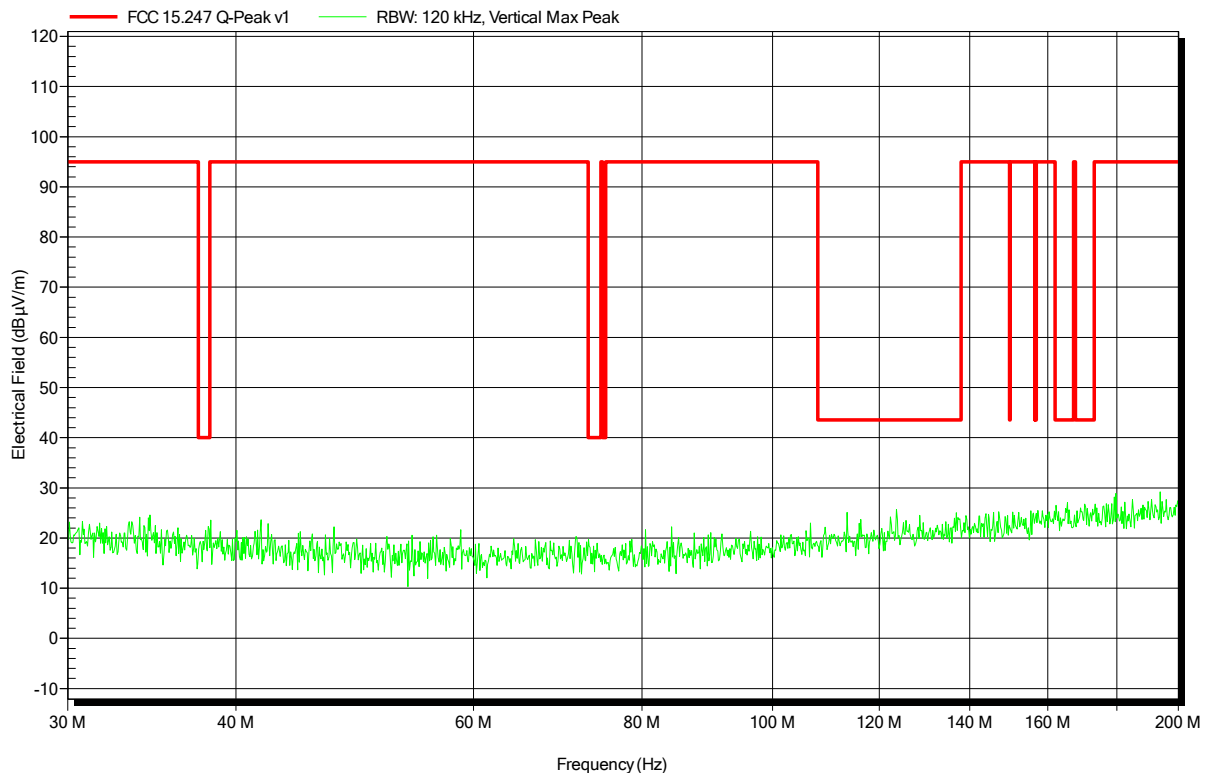


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 921.5 MHz
Test Date:	2016-11-23
Note:	

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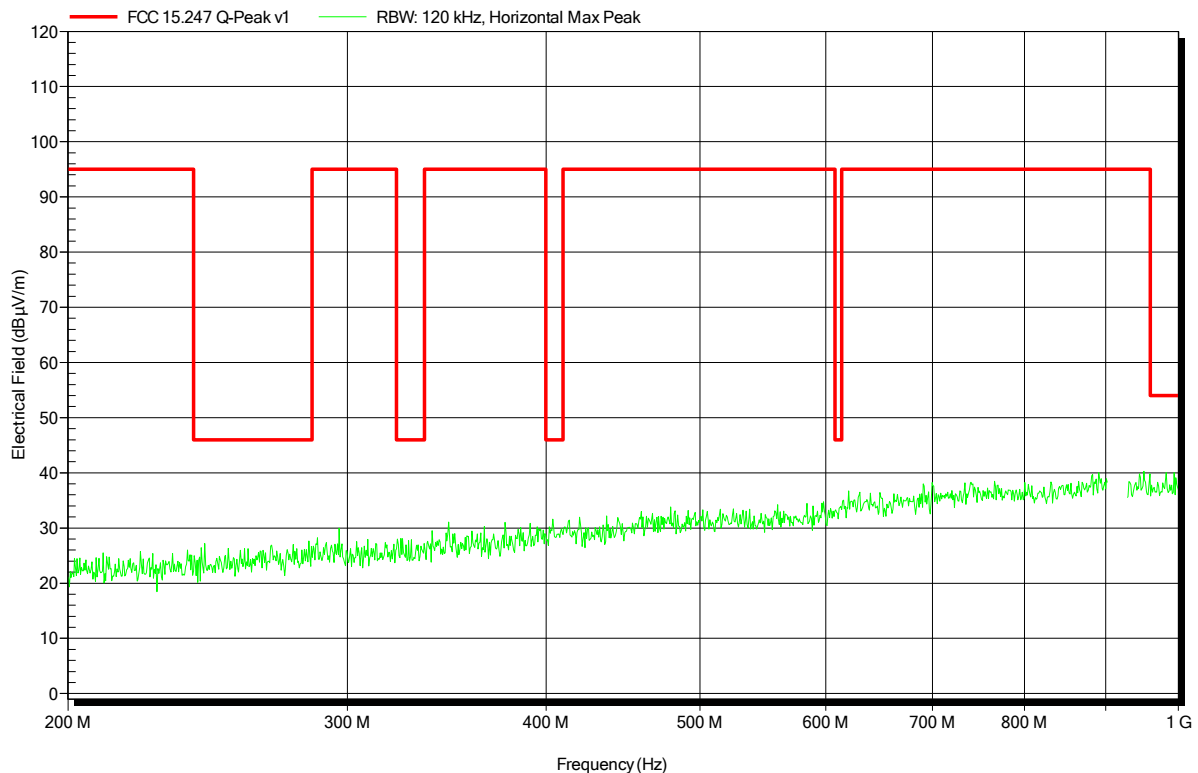


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 921.5 MHz
Test Date:	2016-11-23
Note:	

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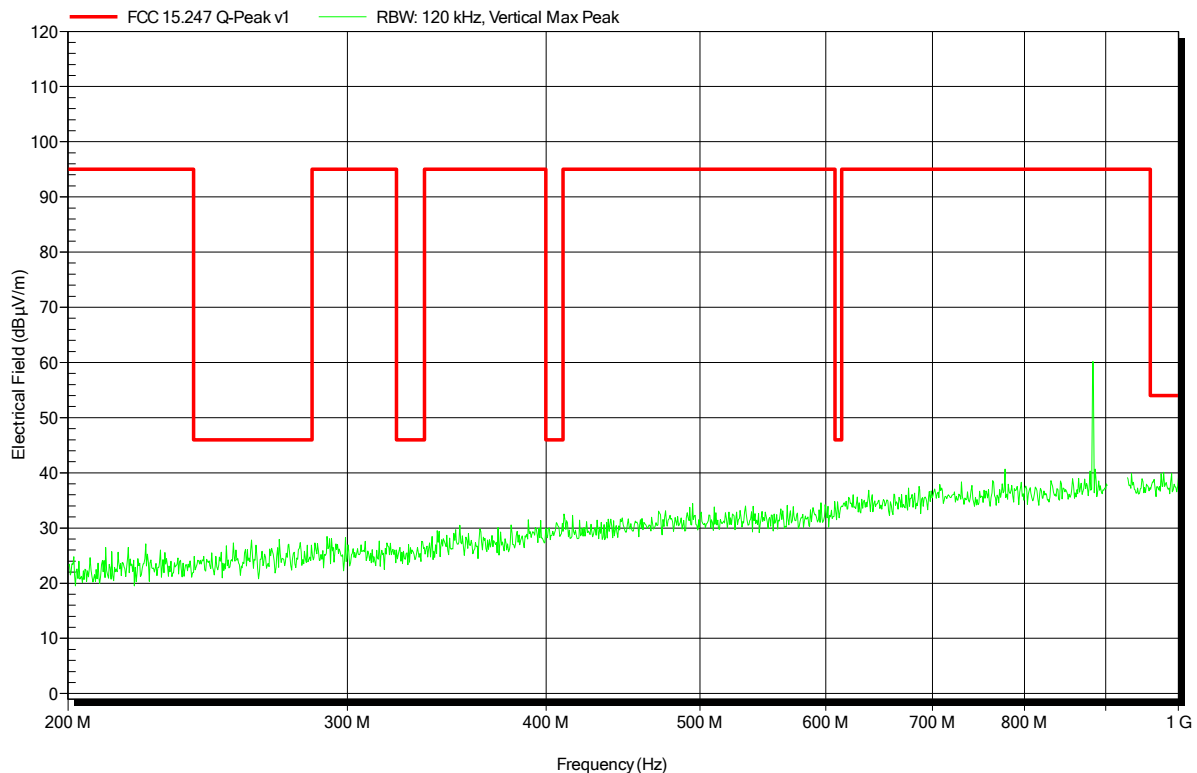


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 921.5 MHz
Test Date:	2016-11-23
Note:	

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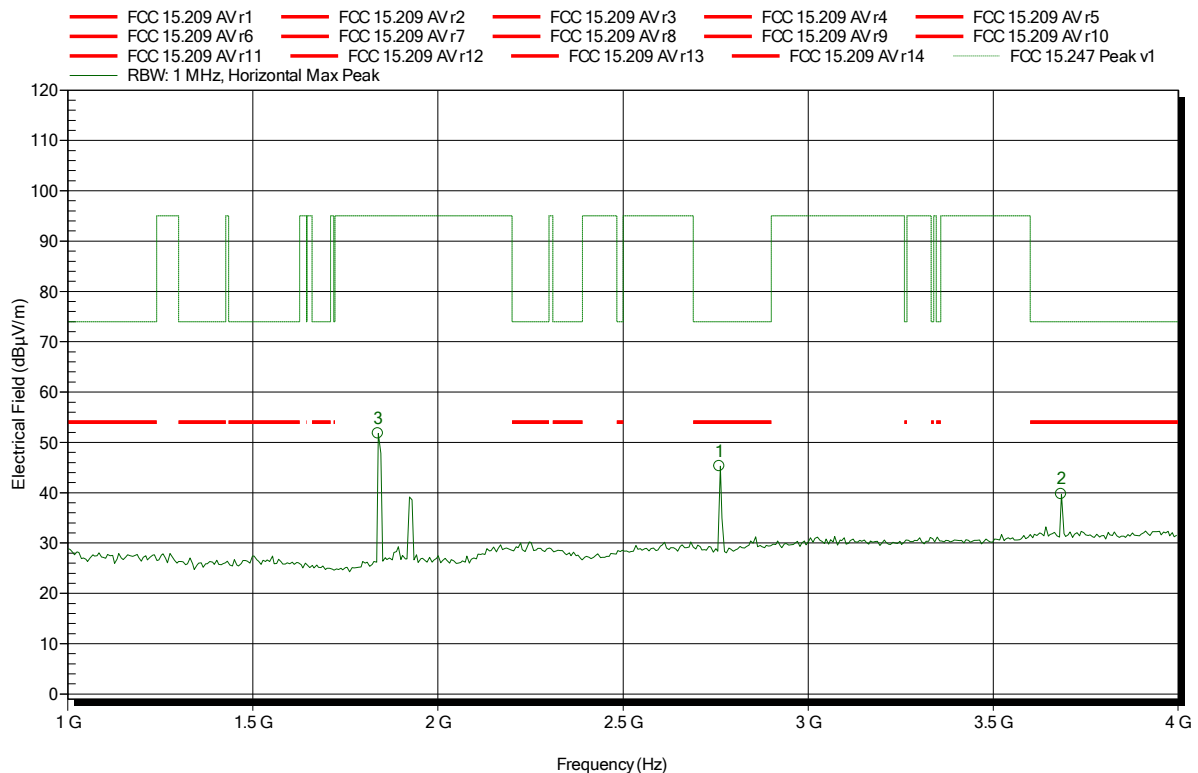


**Spurious emissions according to FCC 15.247**

Project number: GOM-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; SRD 921.5 MHz  
 Test Date: 2016-11-23  
 Note:

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.838 GHz	51.78 dBµV/m	95 dBµV/m	-43.22 dB	Pass
2.76 GHz	45.25 dBµV/m	74 dBµV/m	-28.75 dB	Pass
3.683 GHz	39.74 dBµV/m	74 dBµV/m	-34.26 dB	Pass

**Test Report No.: GOM-1611-6036-TFC247DT-V01**

 Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

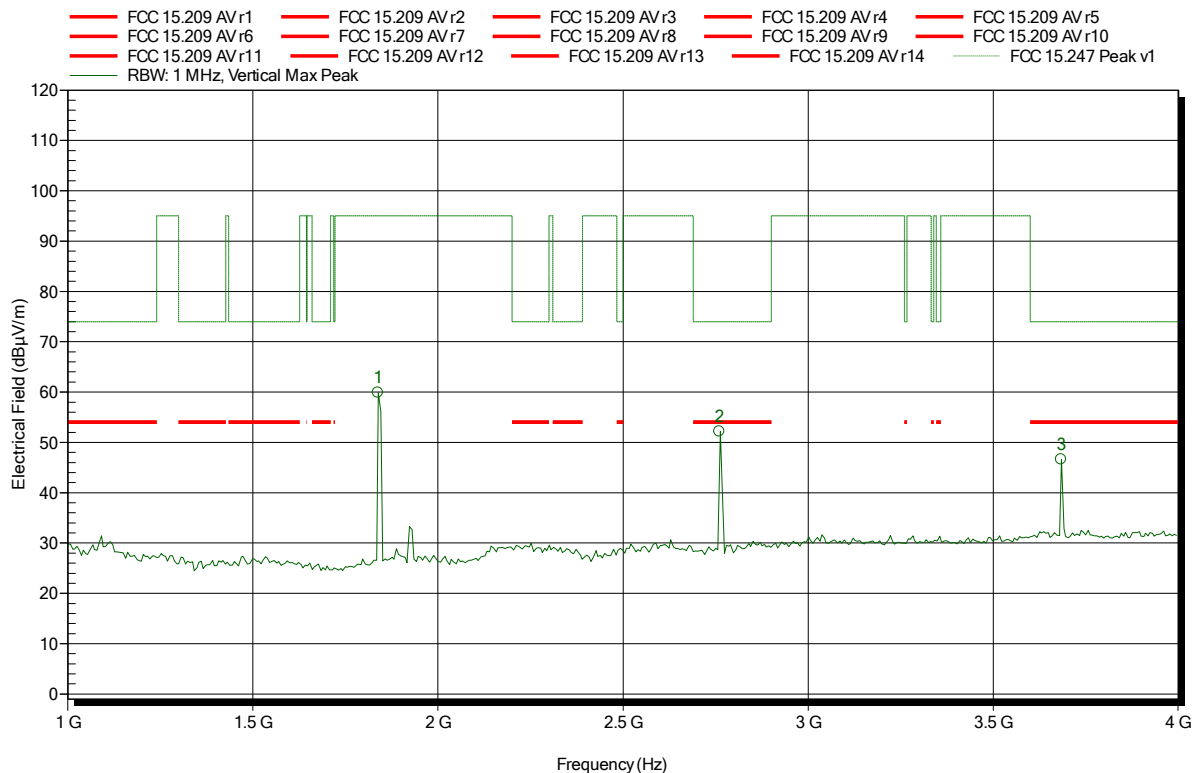


**Spurious emissions according to FCC 15.247**

Project number: GOM-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; SRD 921.5 MHz  
 Test Date: 2016-11-23  
 Note:

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.838 GHz	59.9 dBµV/m	95 dBµV/m	-35.1 dB	Pass
2.76 GHz	52.18 dBµV/m	74 dBµV/m	-21.82 dB	Pass
3.683 GHz	46.61 dBµV/m	74 dBµV/m	-27.39 dB	Pass

**Test Report No.: GOM-1611-6036-TFC247DT-V01**

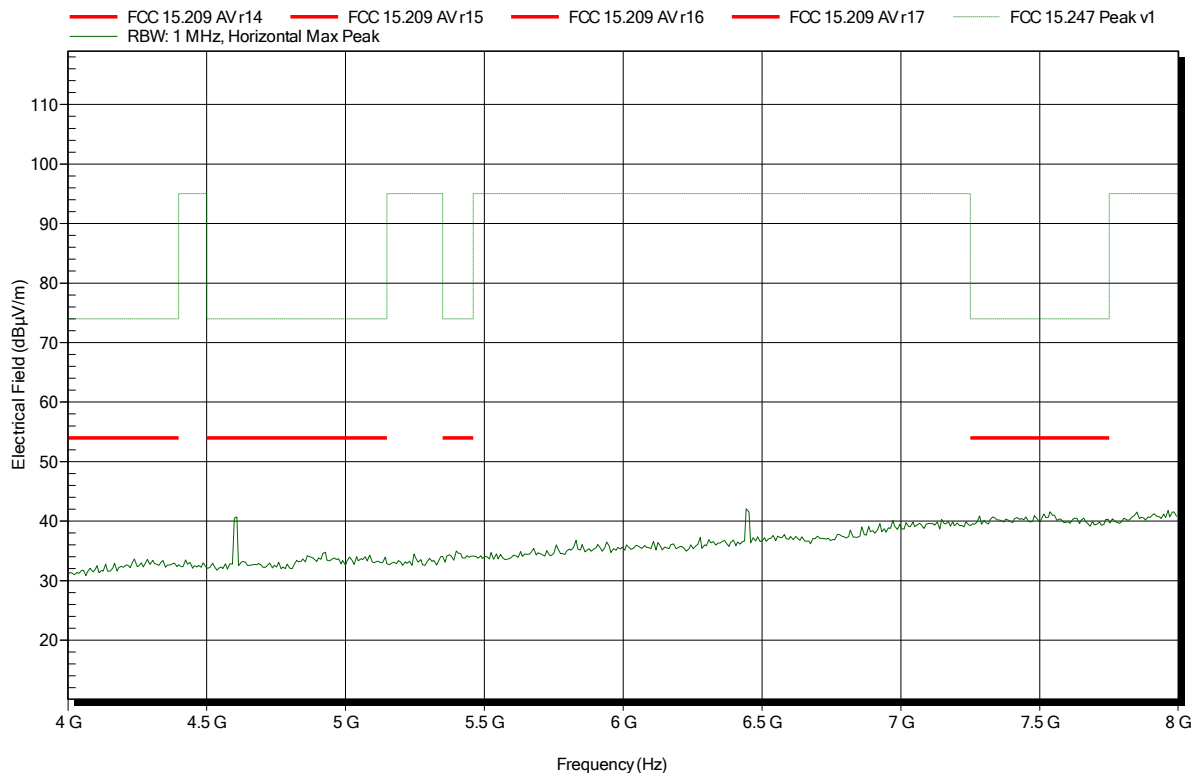
 Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 921.5 MHz
Test Date:	2016-11-23
Note:	

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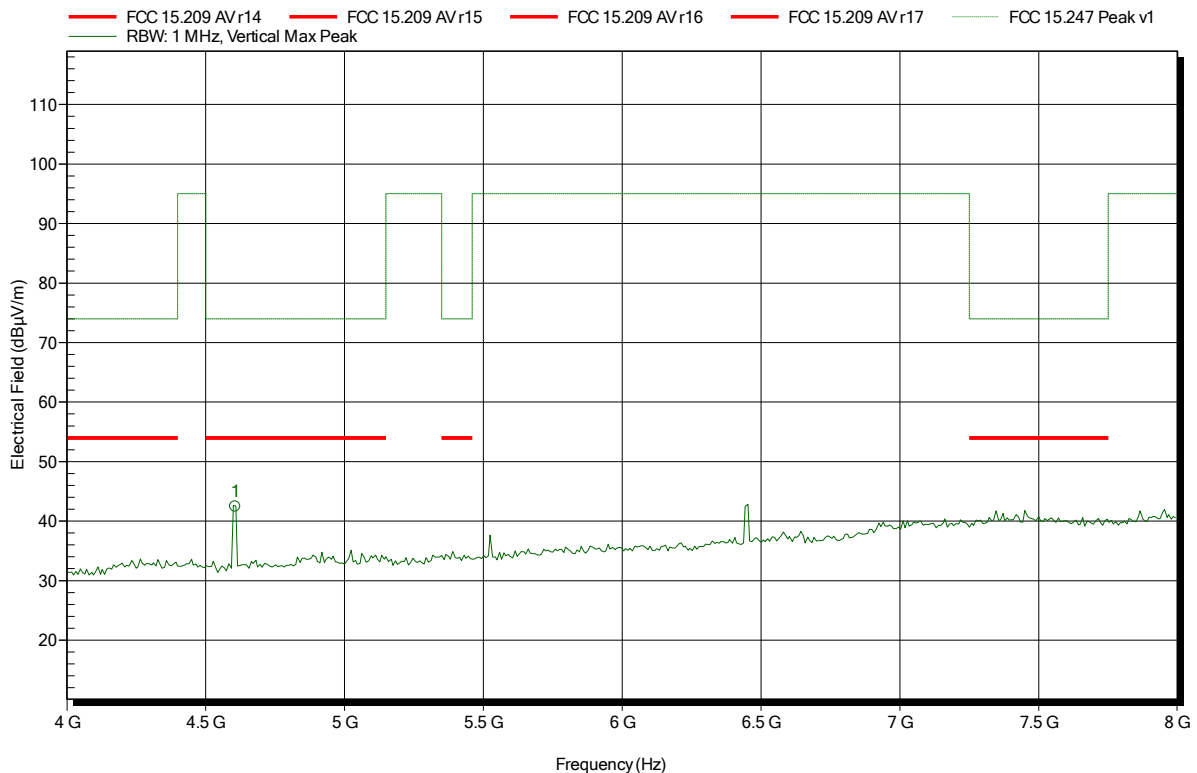


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; SRD 921.5 MHz  
 Test Date: 2016-11-23  
 Note:

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.607 GHz	42.45 dBµV/m	74 dBµV/m	-31.55 dB	Pass

**Test Report No.: G0M-1611-6036-TFC247DT-V01**

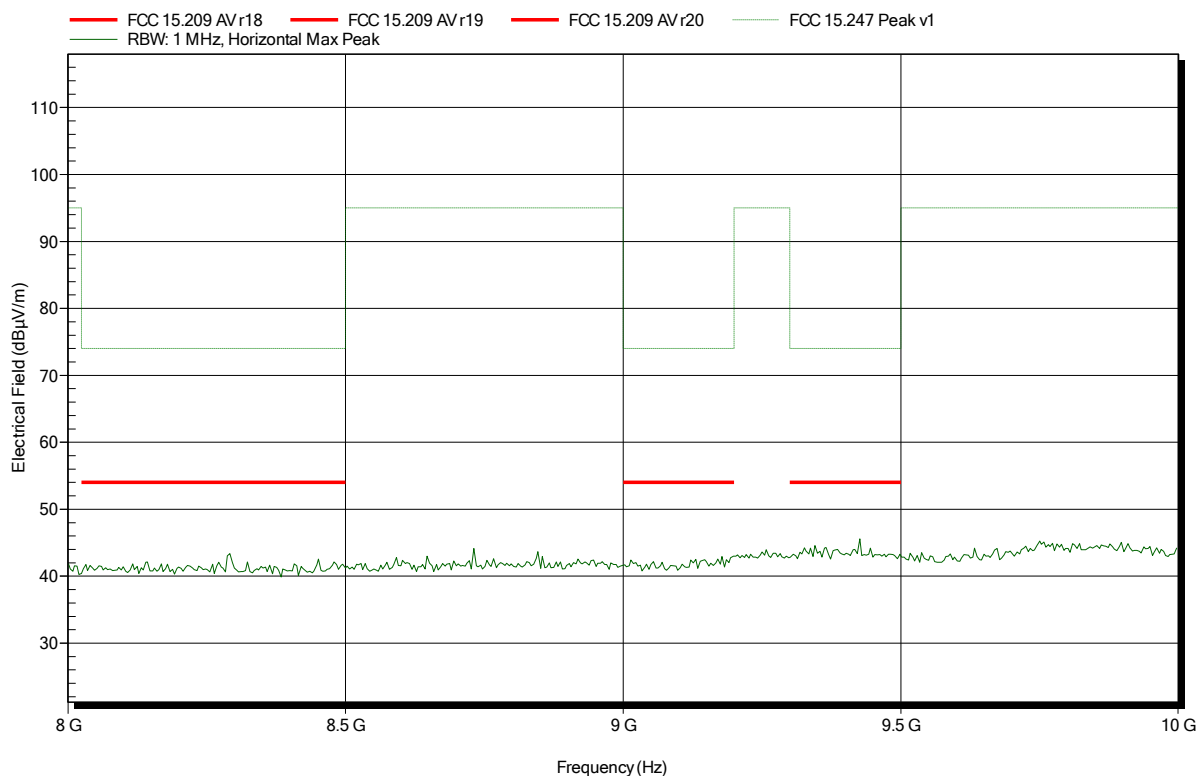
 Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; SRD 921.5 MHz
Test Date:	2016-11-23
Note:	

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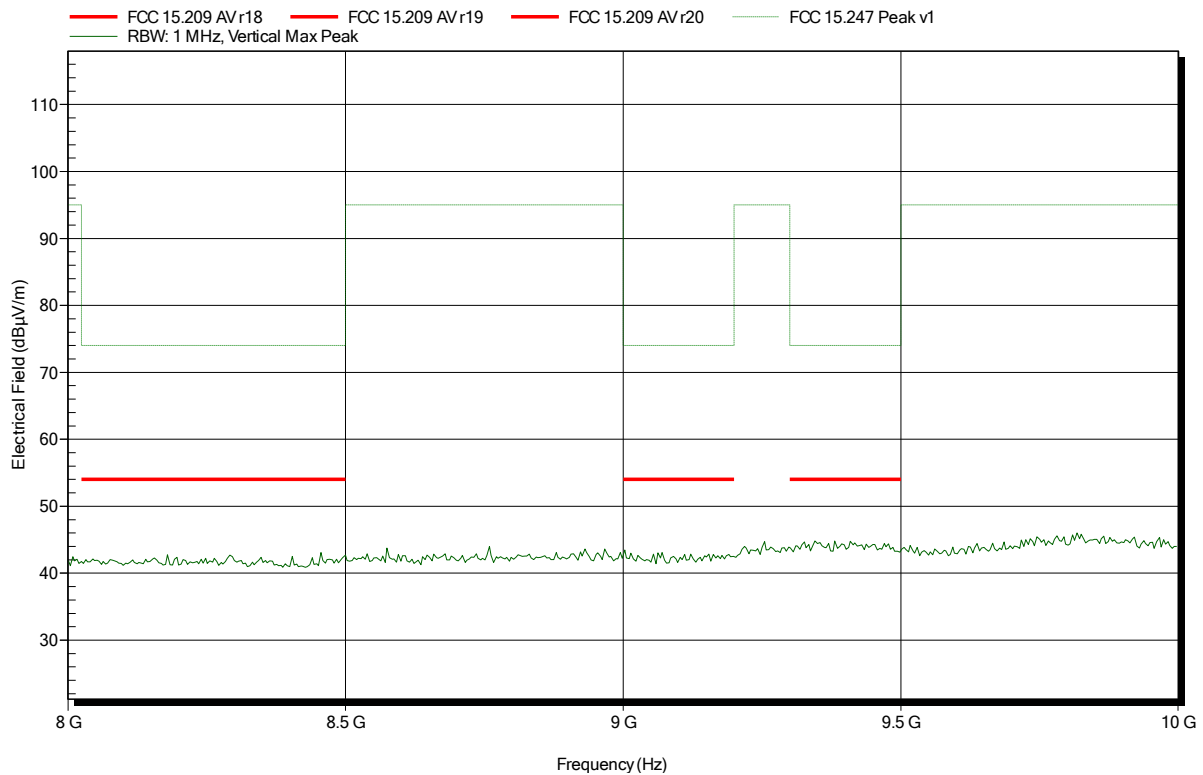


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; SRD 921.5 MHz
Test Date:	2016-11-23
Note:	

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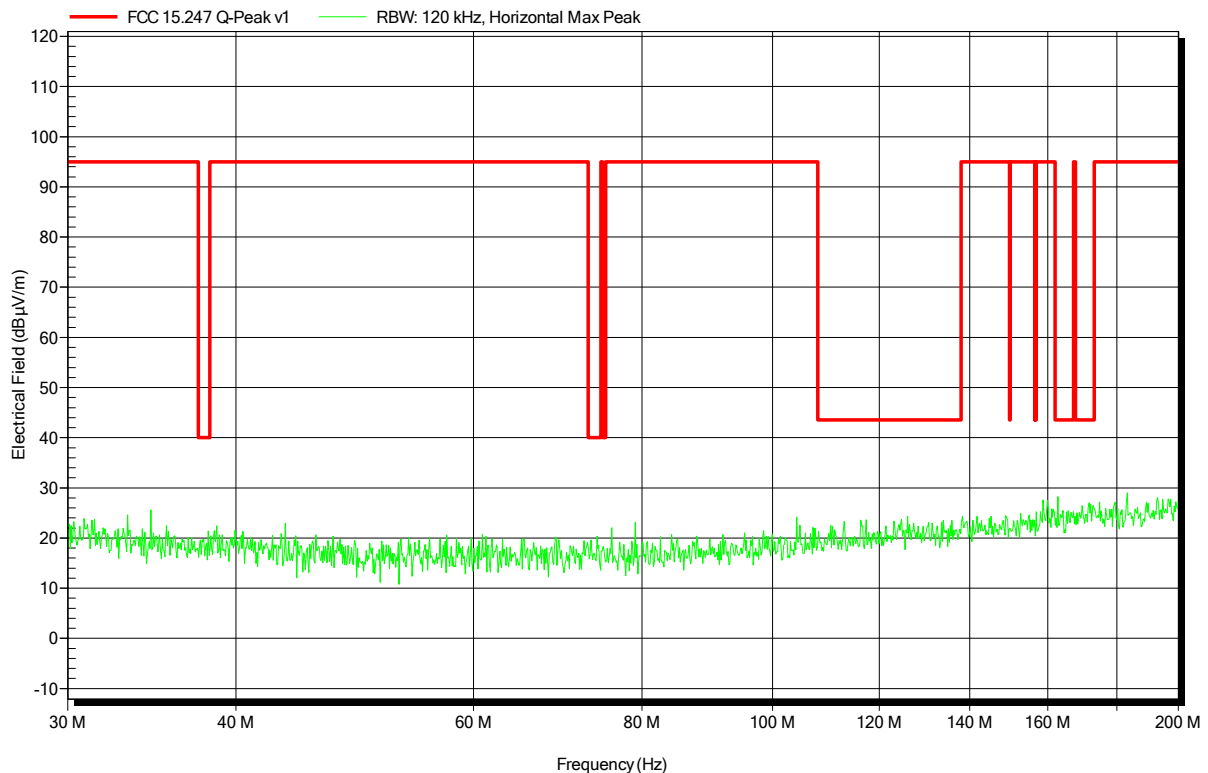


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-23
Note:	

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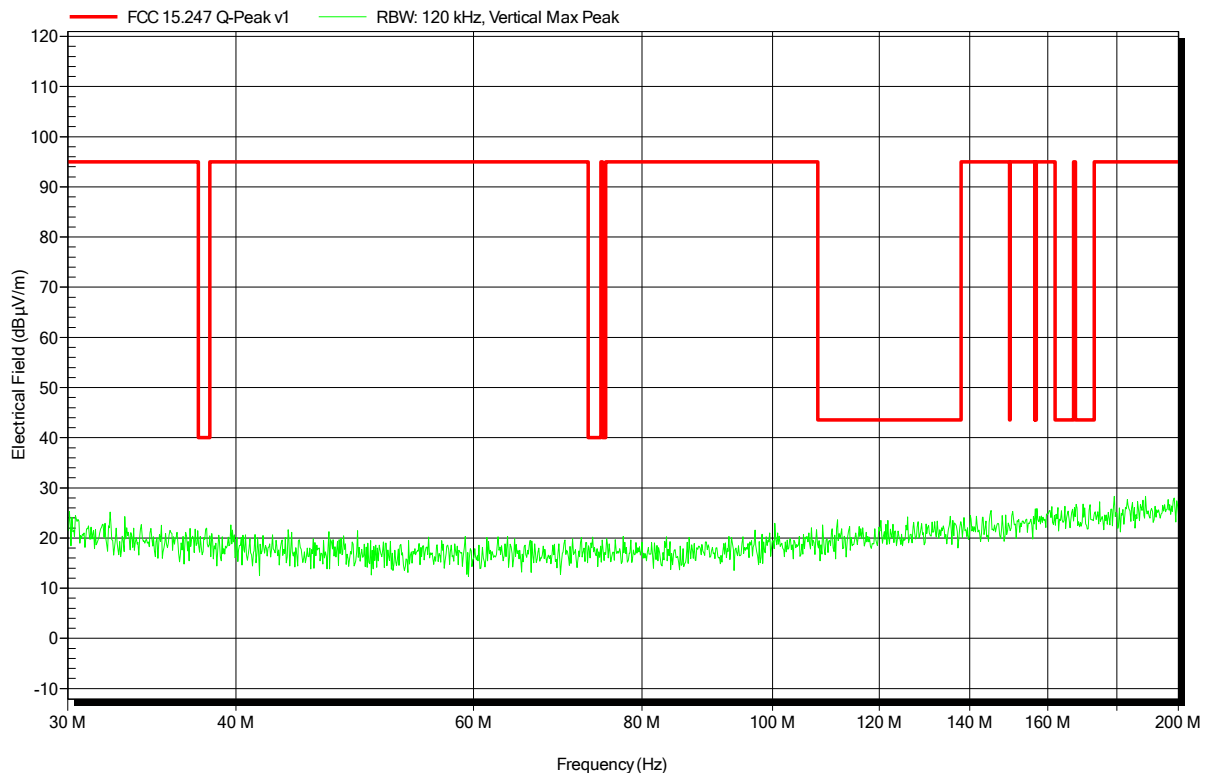


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-23
Note:	

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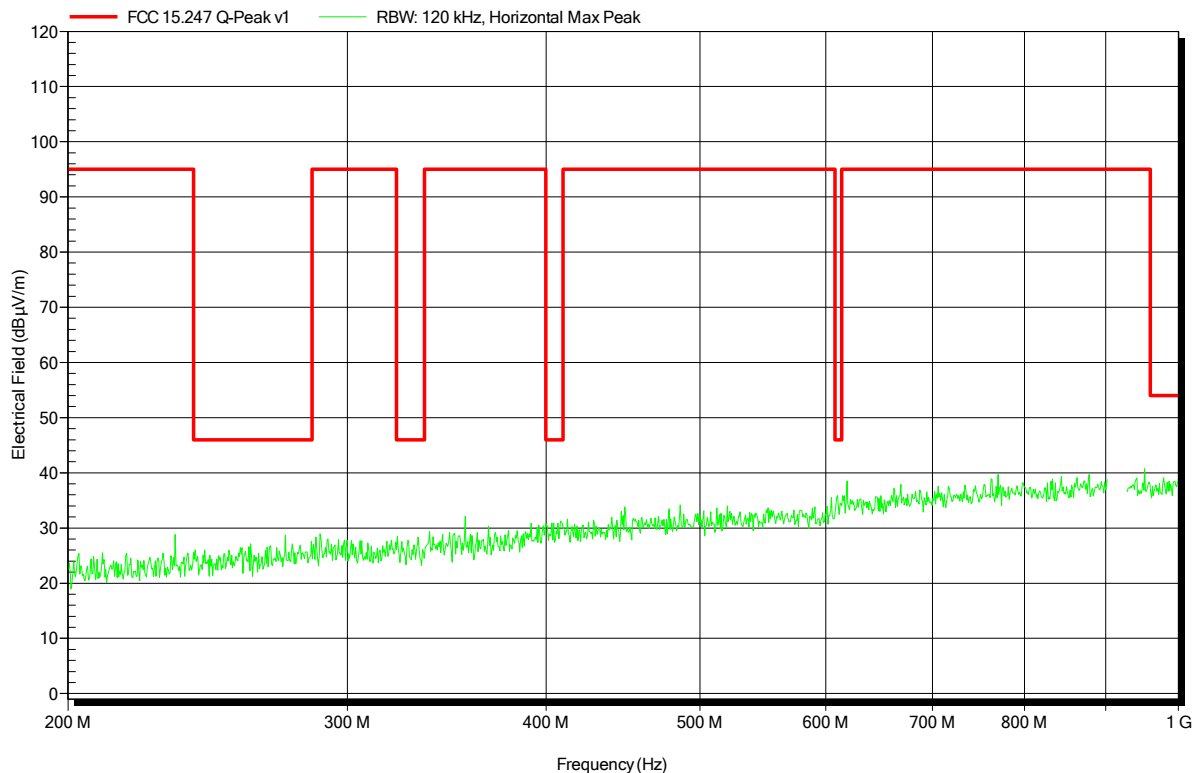


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-23
Note:	

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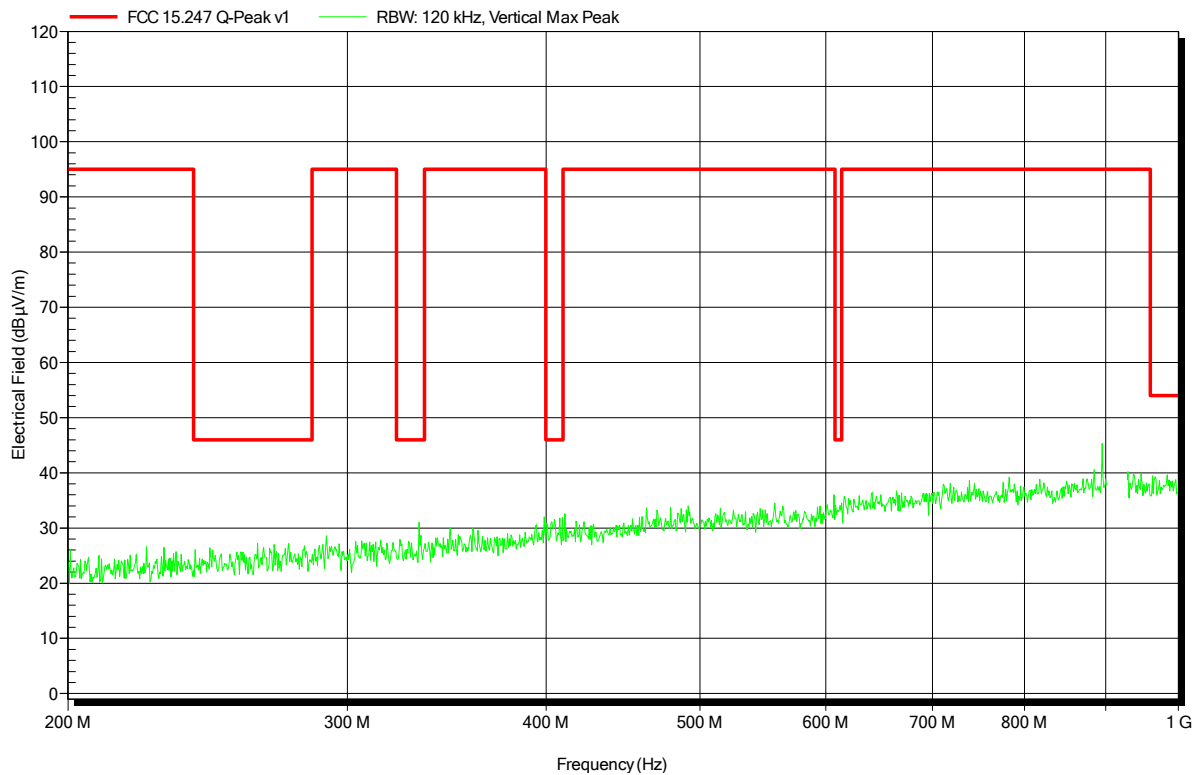


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-23
Note:	

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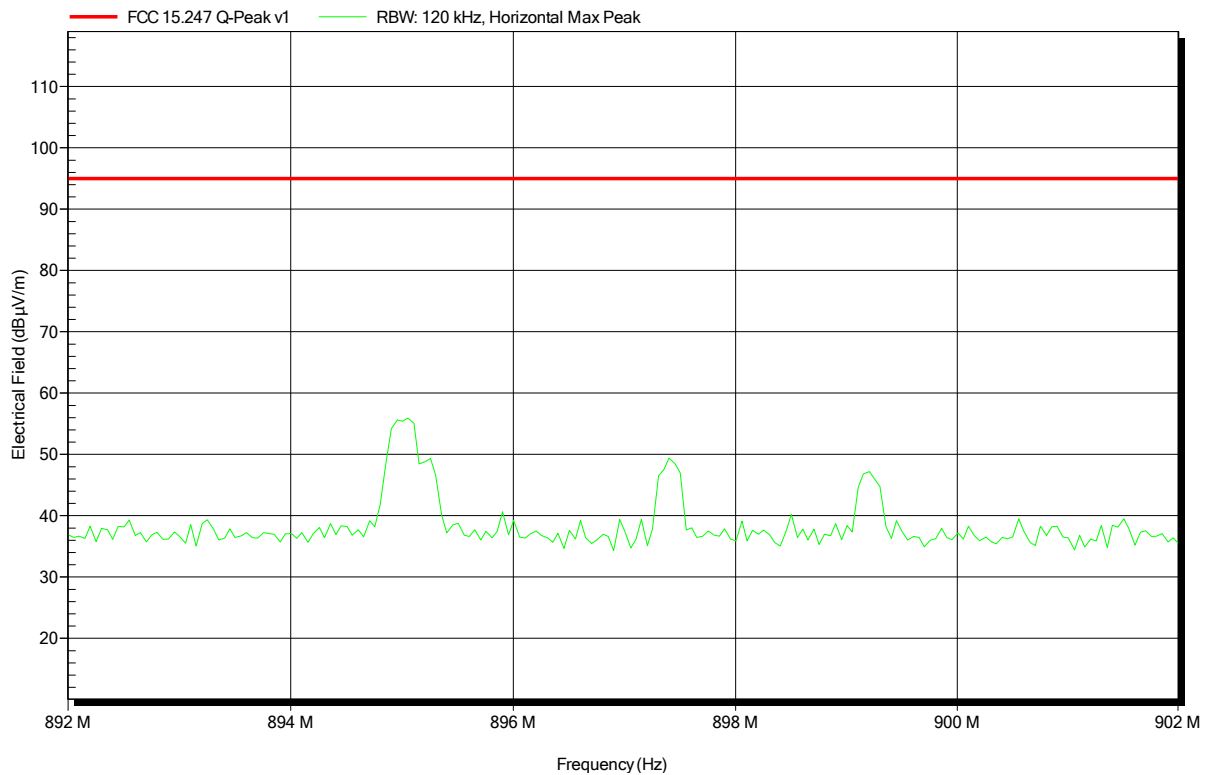


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-23
Note:	

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**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-23
Note:	

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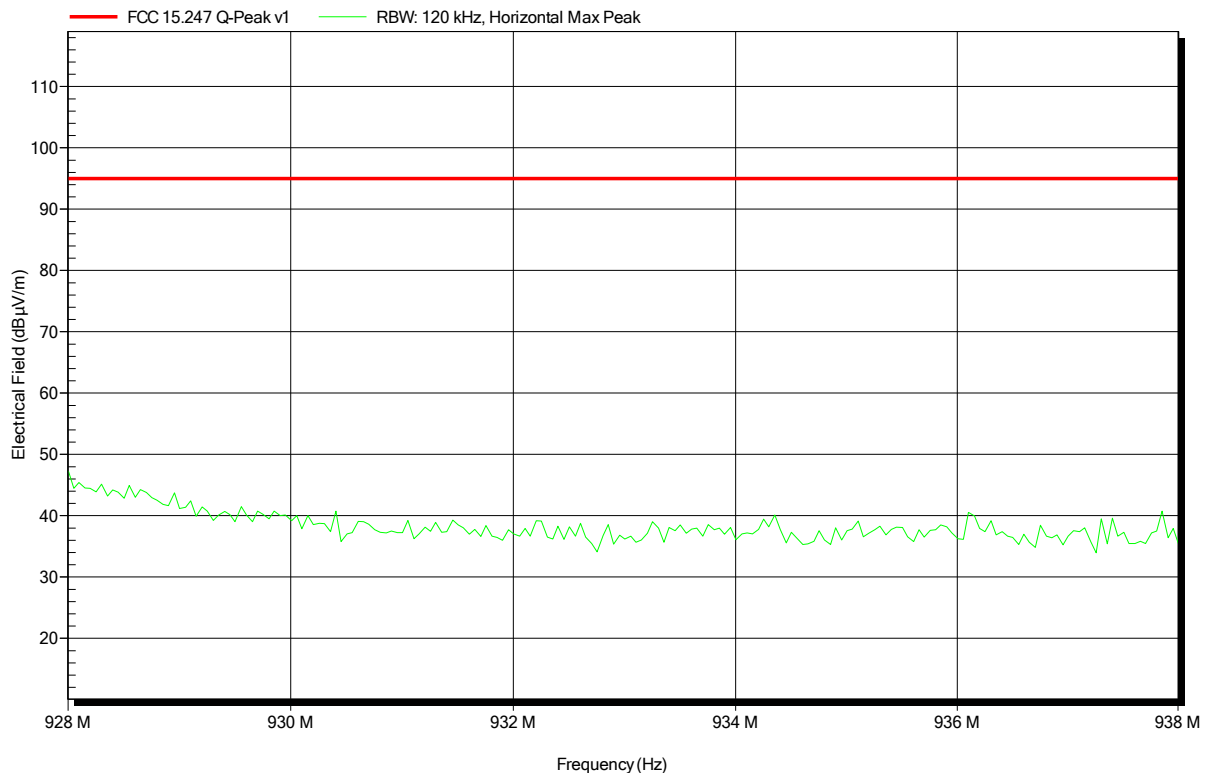


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-23
Note:	

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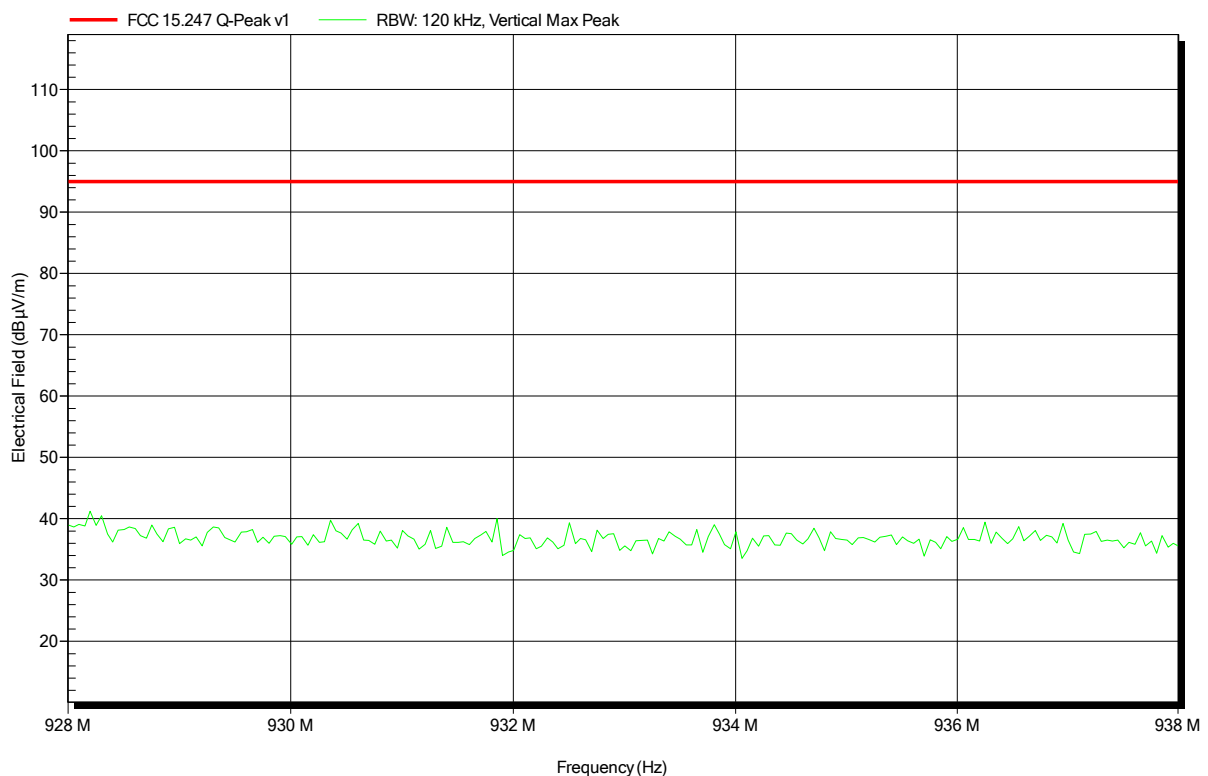


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-23
Note:	

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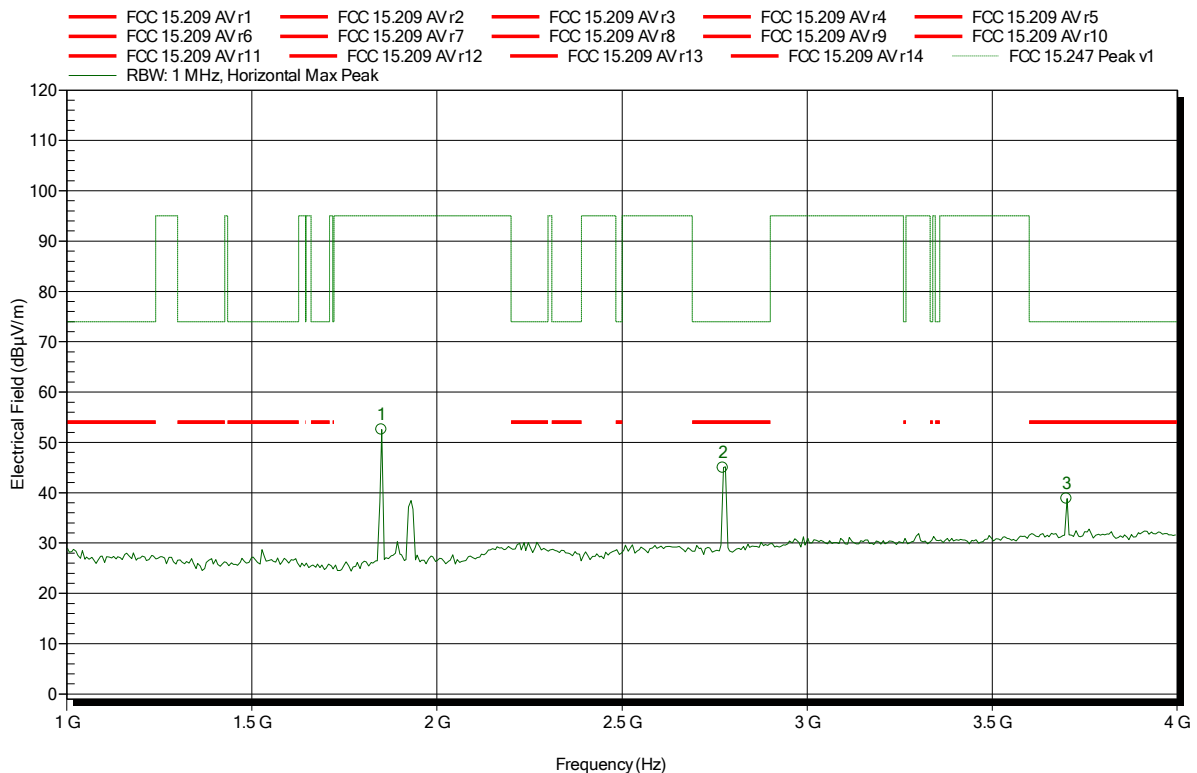


**Spurious emissions according to FCC 15.247**

Project number: GOM-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; SRD 926 MHz  
 Test Date: 2016-11-23  
 Note:

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.85 GHz	52.56 dBµV/m	95 dBµV/m	-42.44 dB	Pass
2.772 GHz	44.98 dBµV/m	74 dBµV/m	-29.02 dB	Pass
3.701 GHz	38.84 dBµV/m	74 dBµV/m	-35.16 dB	Pass

Test Report No.: GOM-1611-6036-TFC247DT-V01

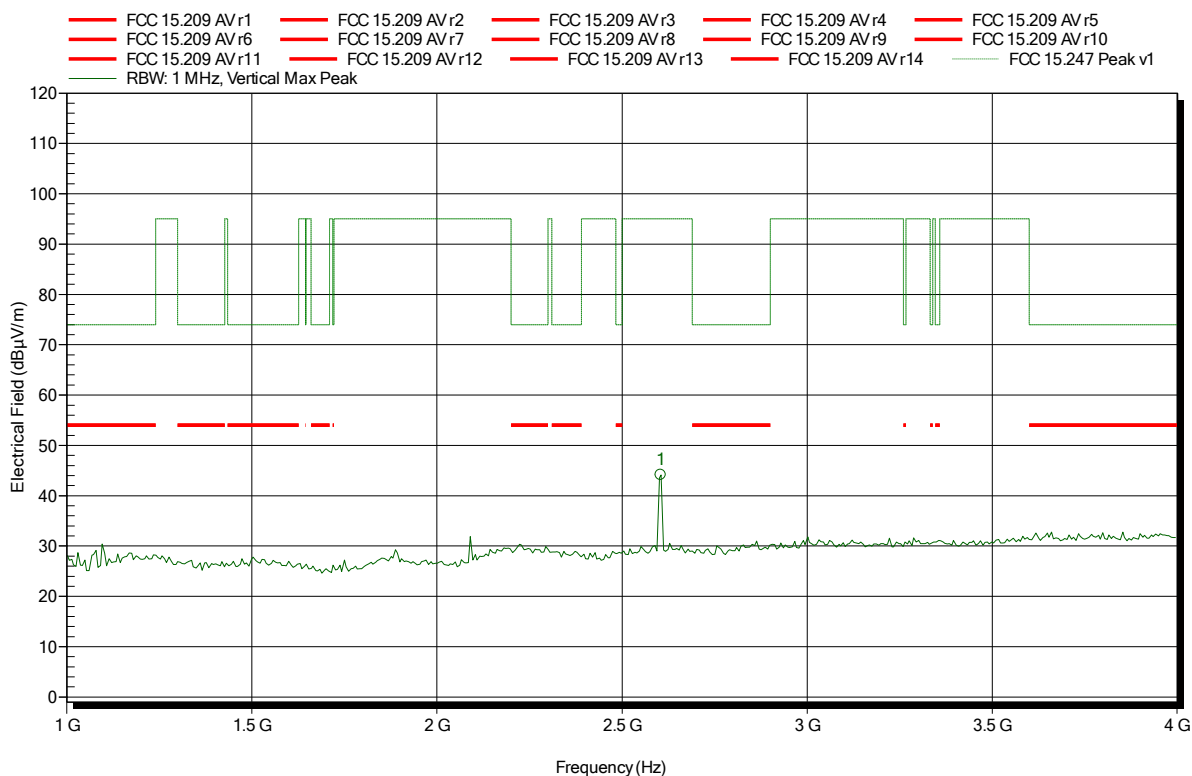
 Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Spurious emissions according to FCC 15.247**

Project number: GOM-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; SRD 926 MHz  
 Test Date: 2016-11-24  
 Note:

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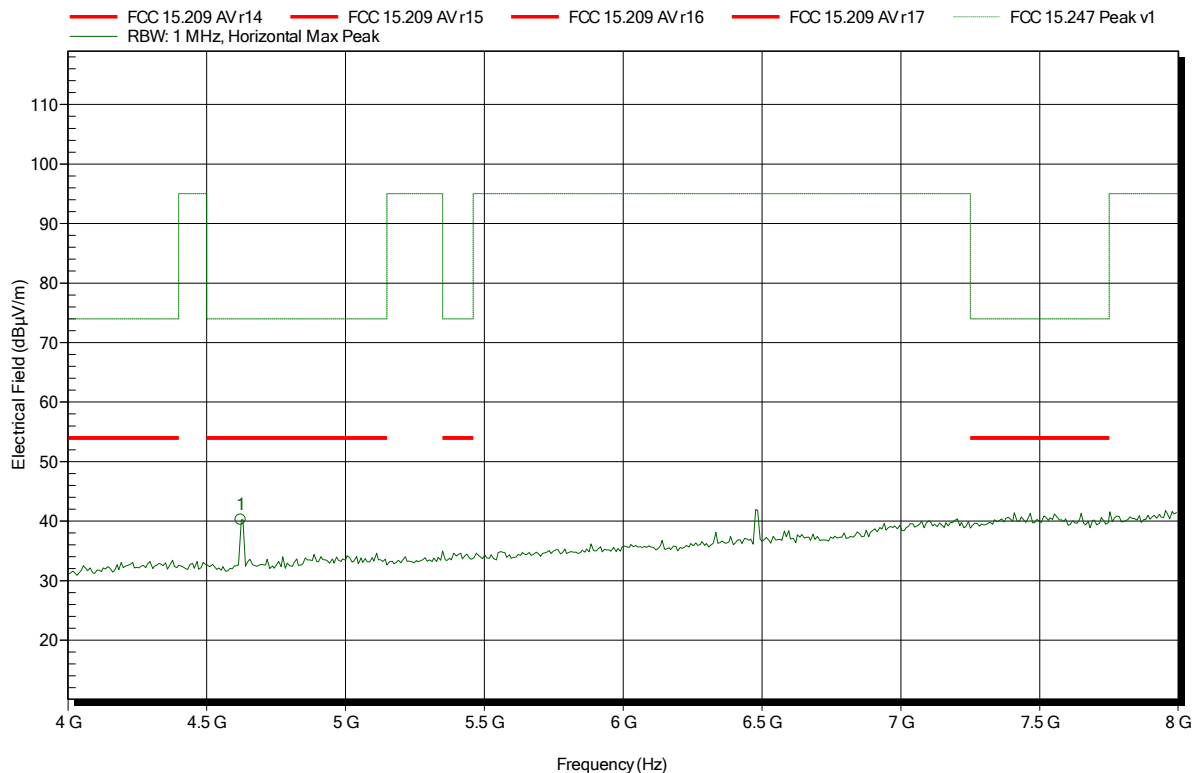
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.605 GHz	44.15 dBµV/m	95 dBµV/m	-50.85 dB	Pass

**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement distance: 3 m  
 Mode: TX; SRD 926 MHz  
 Test Date: 2016-11-23  
 Note:

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.623 GHz	40.21 dBµV/m	74 dBµV/m	-33.79 dB	Pass

**Test Report No.: G0M-1611-6036-TFC247DT-V01**

 Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

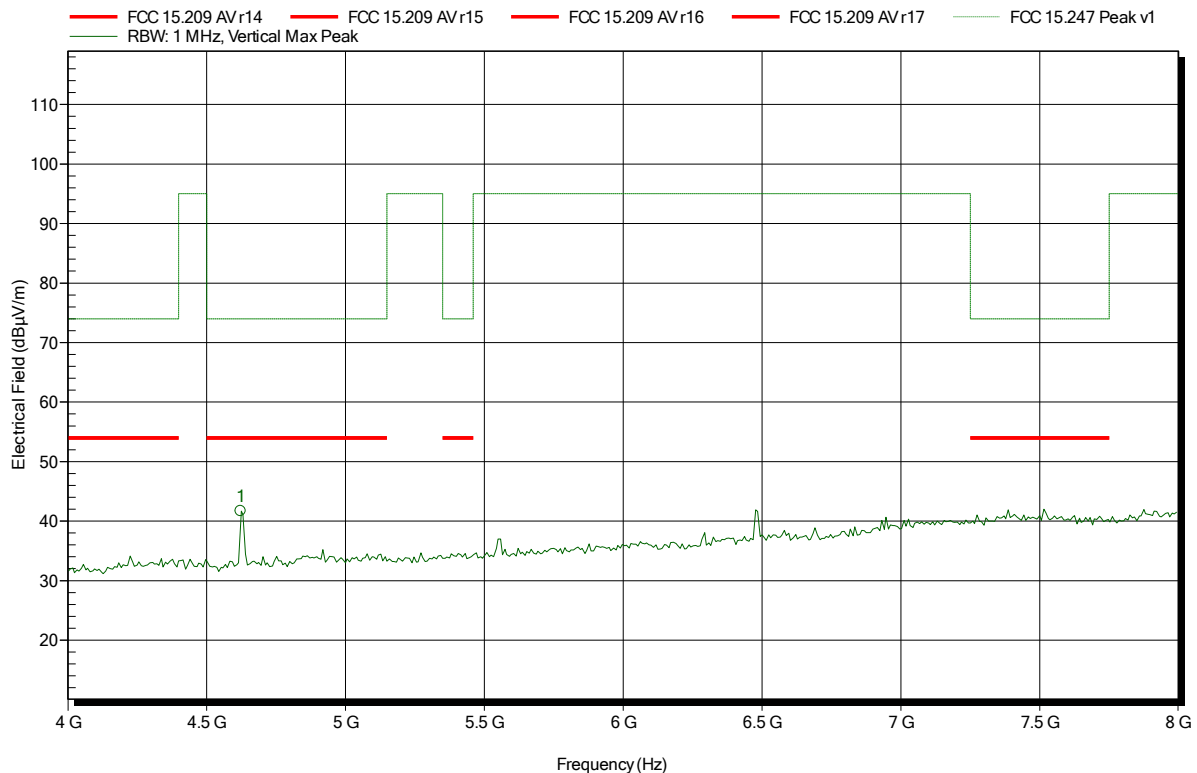


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement distance: 3 m  
 Mode: TX; SRD 926 MHz  
 Test Date: 2016-11-24  
 Note:

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.623 GHz	41.66 dBµV/m	74 dBµV/m	-32.34 dB	Pass

**Test Report No.: G0M-1611-6036-TFC247DT-V01**

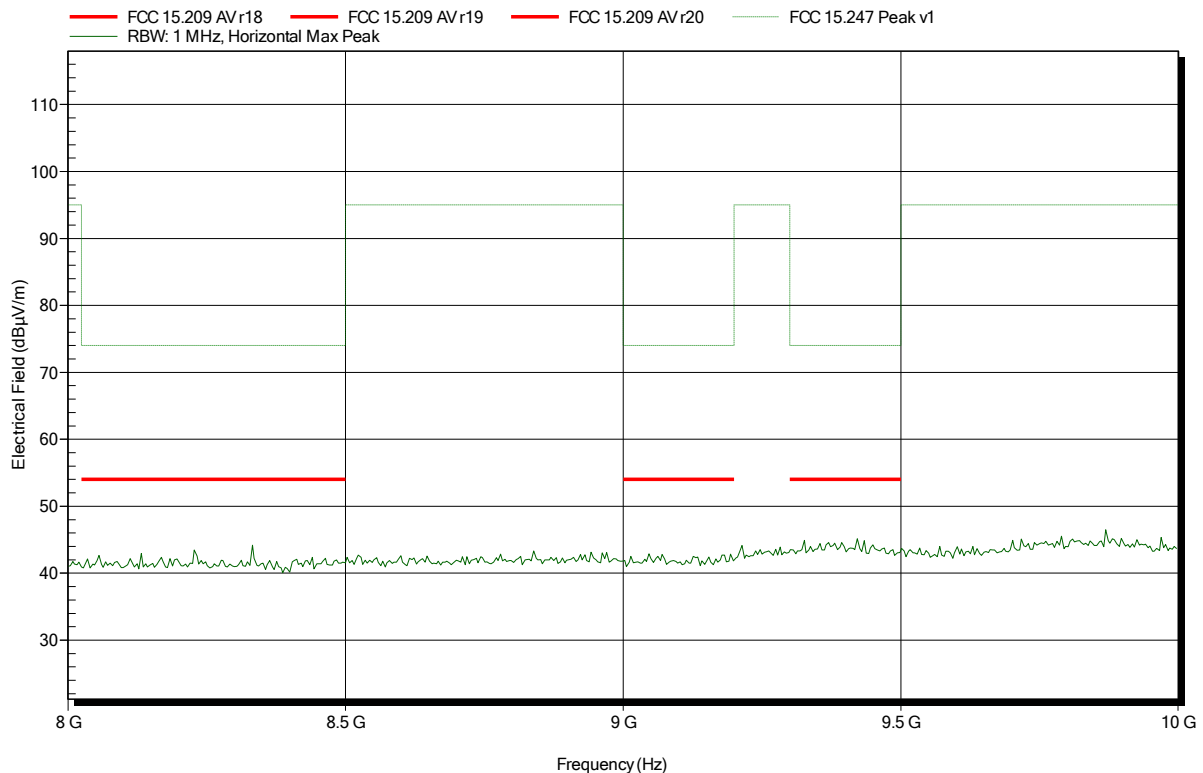
 Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-24
Note:	

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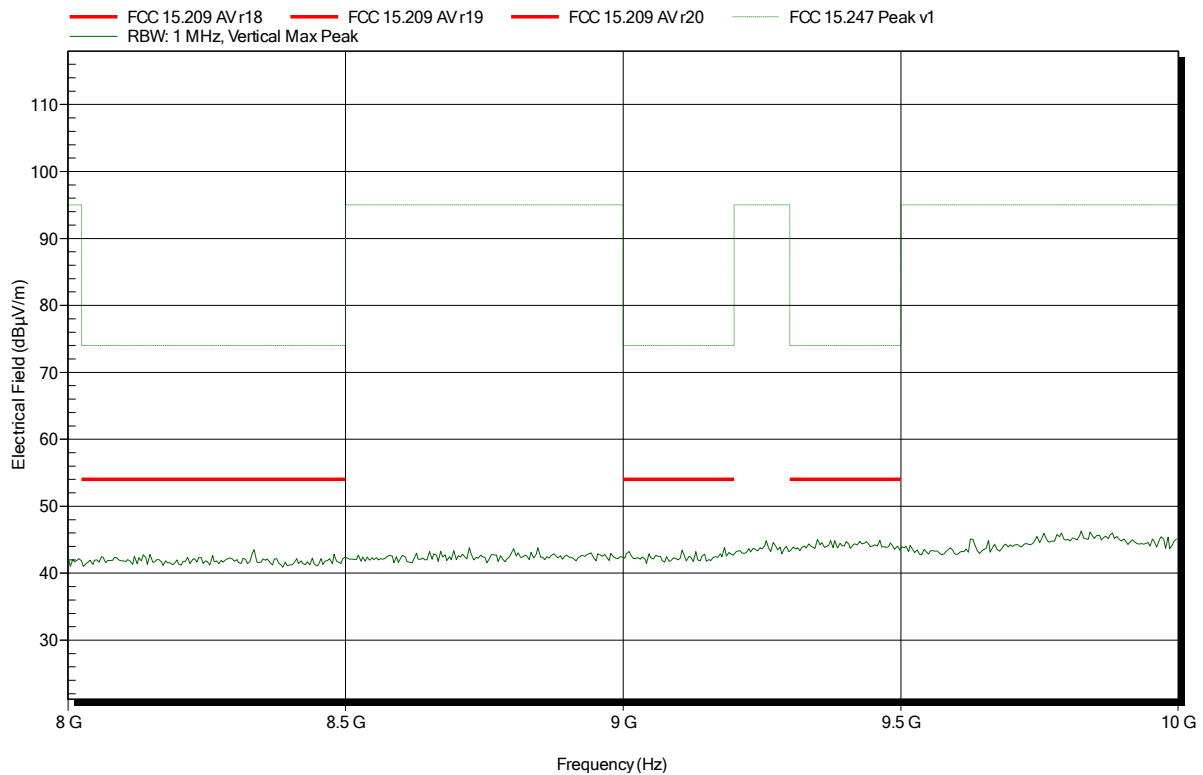


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; SRD 926 MHz
Test Date:	2016-11-24
Note:	

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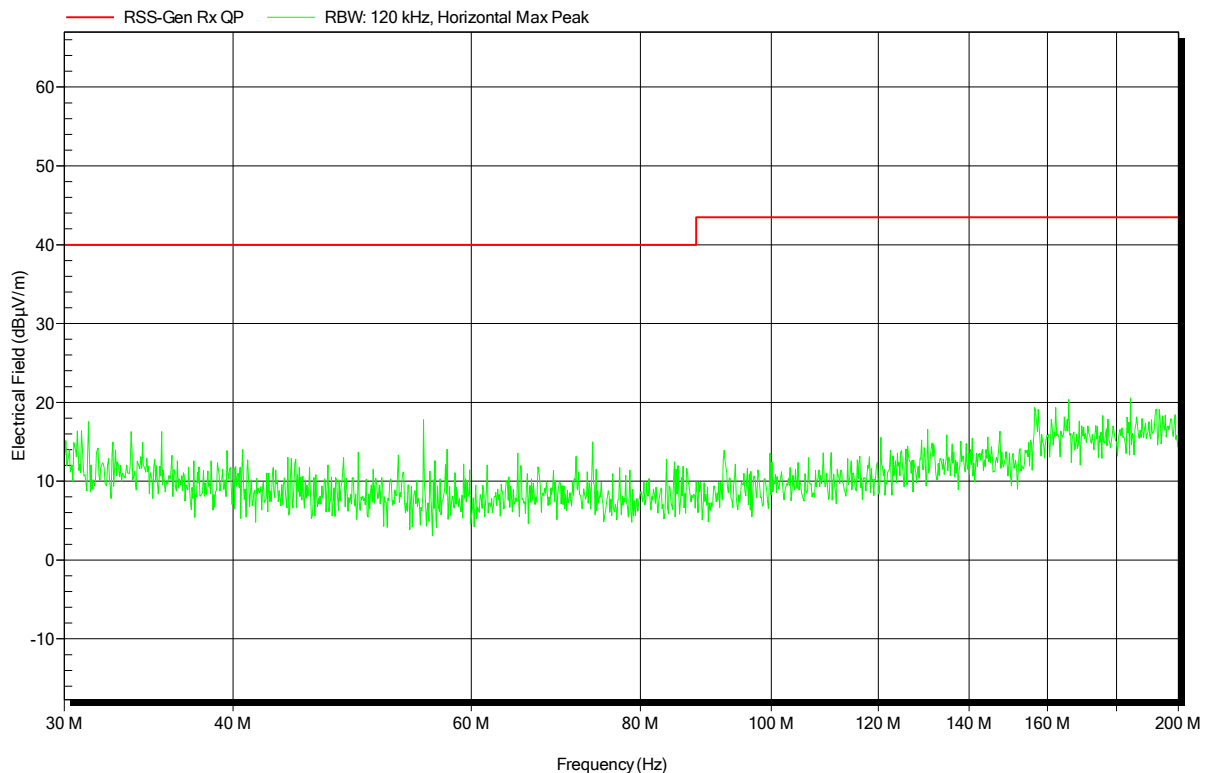
## ANNEX B Receiver radiated spurious emissions

### Spurious emissions according to FCC 15.247

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	RX; SRD 921.5 MHz
Test Date:	2016-11-24
Note:	

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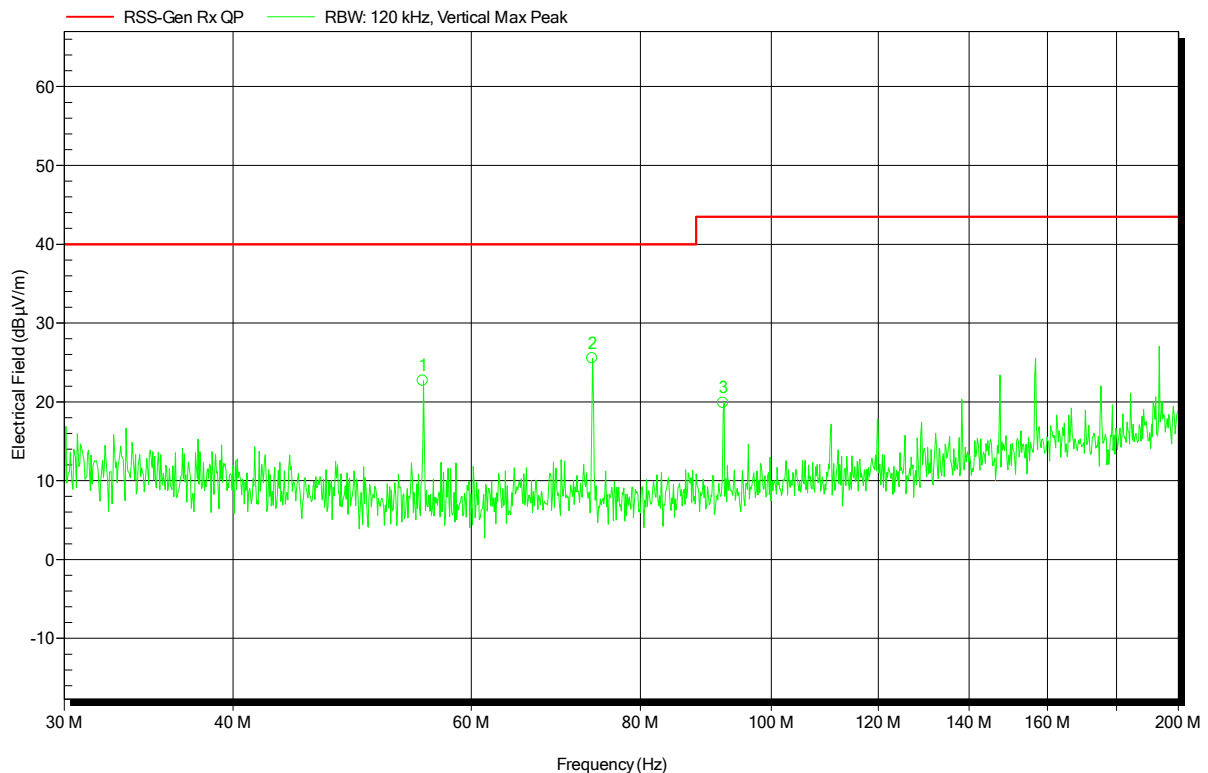


**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	RX; SRD 921.5 MHz
Test Date:	2016-11-24
Note:	MA 103 TT 153

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Frequency	Peak	Peak Limit	Peak Difference	Status
55.26 MHz	22.7 dBµV/m	40 dBµV/m	-17.31 dB	Pass
73.74 MHz	25.5 dBµV/m	40 dBµV/m	-14.47 dB	Pass
92.16 MHz	19.9 dBµV/m	43.5 dBµV/m	-23.61 dB	Pass

**Test Report No.: G0M-1611-6036-TFC247DT-V01**

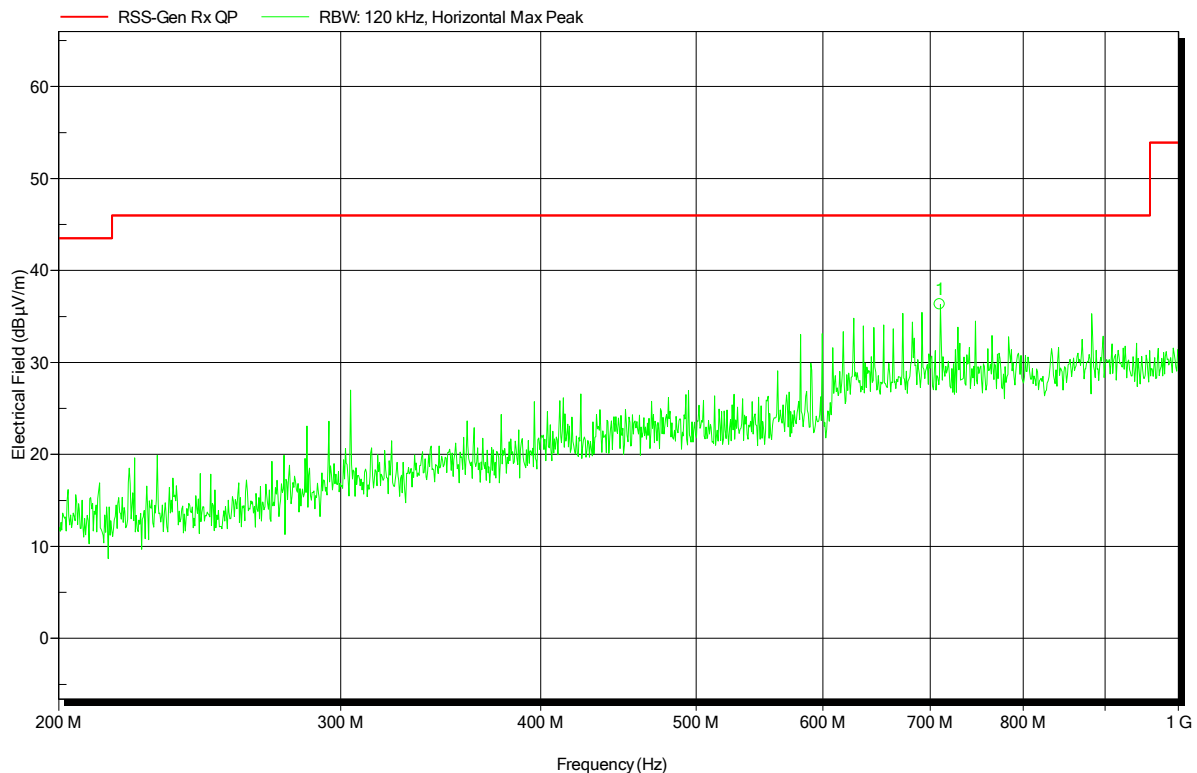
 Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement distance: 3 m  
 Mode: RX; SRD 921.5 MHz  
 Test Date: 2016-11-24  
 Note:

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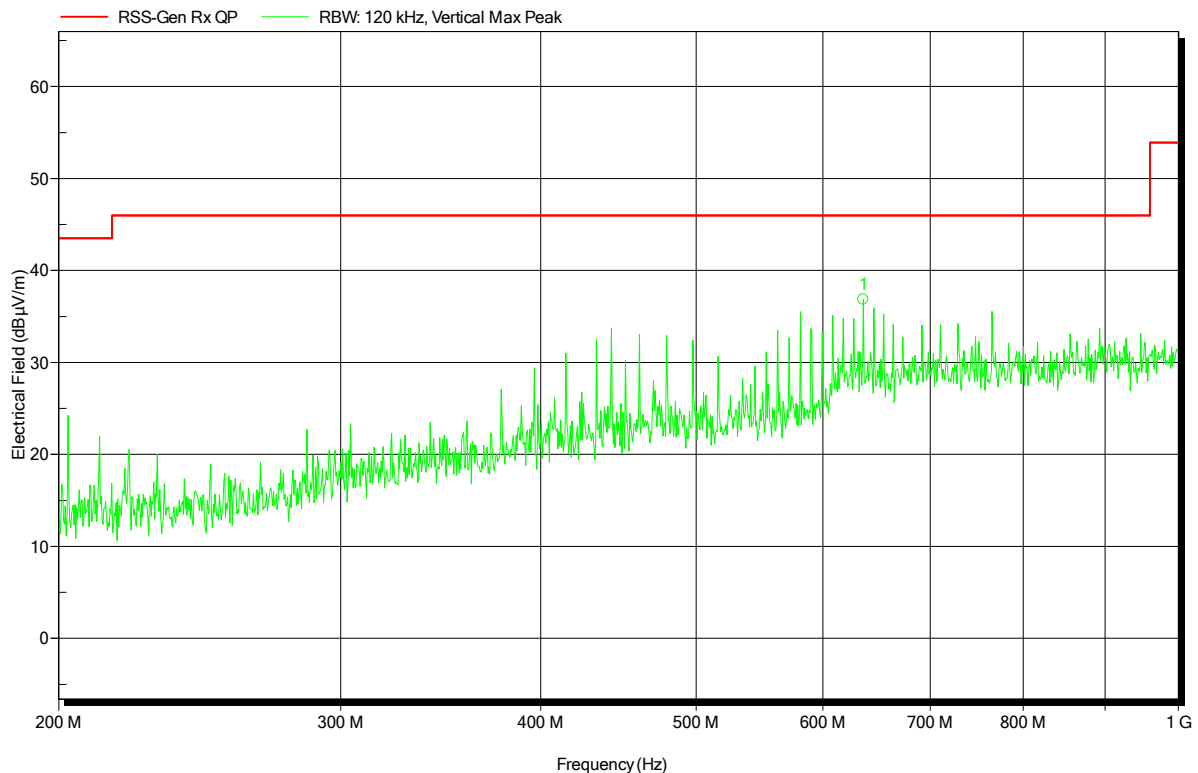
Frequency	Peak	Peak Limit	Peak Difference	Status
709.52 MHz	36.3 dBµV/m	46 dBµV/m	-9.68 dB	Pass

**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant: Dräger Safety AG & Co. KGaA  
 EUT Name: Portable Alarm Amplifier  
 Model: Dräger X-zone 5500  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Suckow  
 Test Conditions: Tnom: 20°C, Vnom: 6 VDC via battery  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement distance: 3 m  
 Mode: RX; SRD 921.5 MHz  
 Test Date: 2016-11-24  
 Note:

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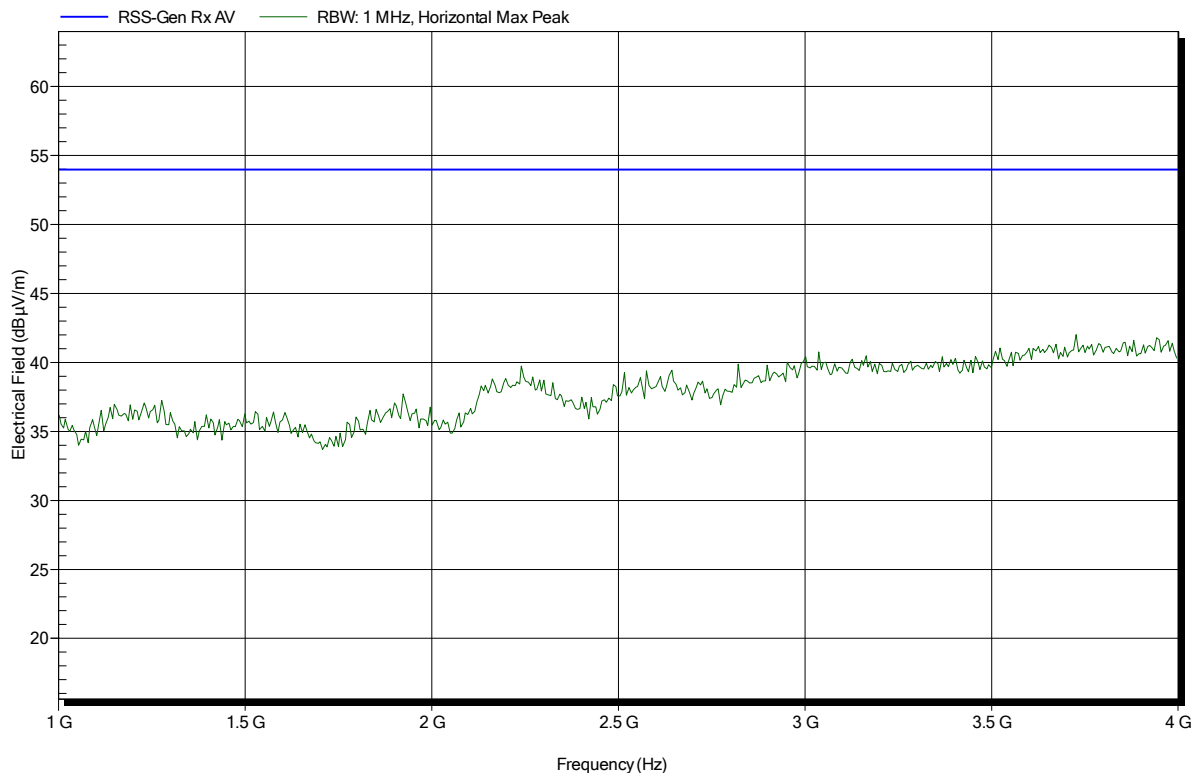
Frequency	Peak	Peak Limit	Peak Difference	Status
635.84 MHz	36.8 dBµV/m	46 dBµV/m	-9.17 dB	Pass

**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; SRD 921.5 MHz
Test Date:	2016-11-24
Note:	

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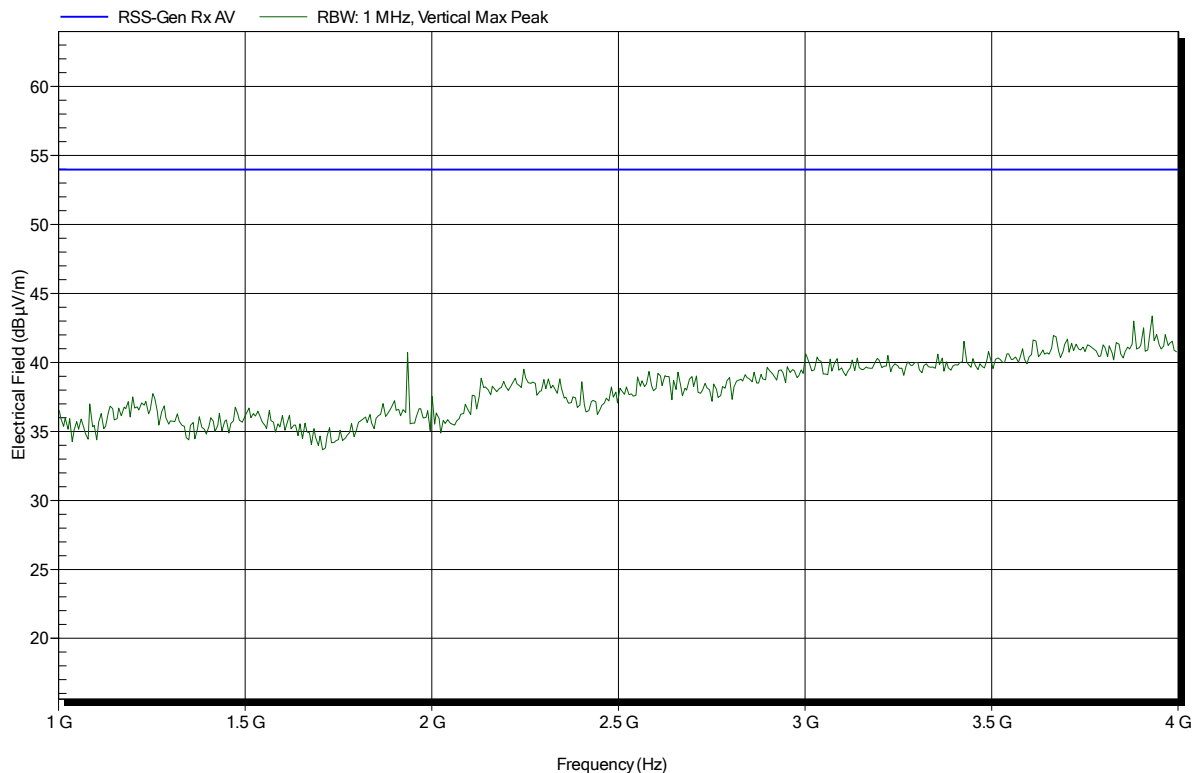


**Spurious emissions according to FCC 15.247**

Project number: GOM-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; SRD 921.5 MHz
Test Date:	2016-11-24
Note:	

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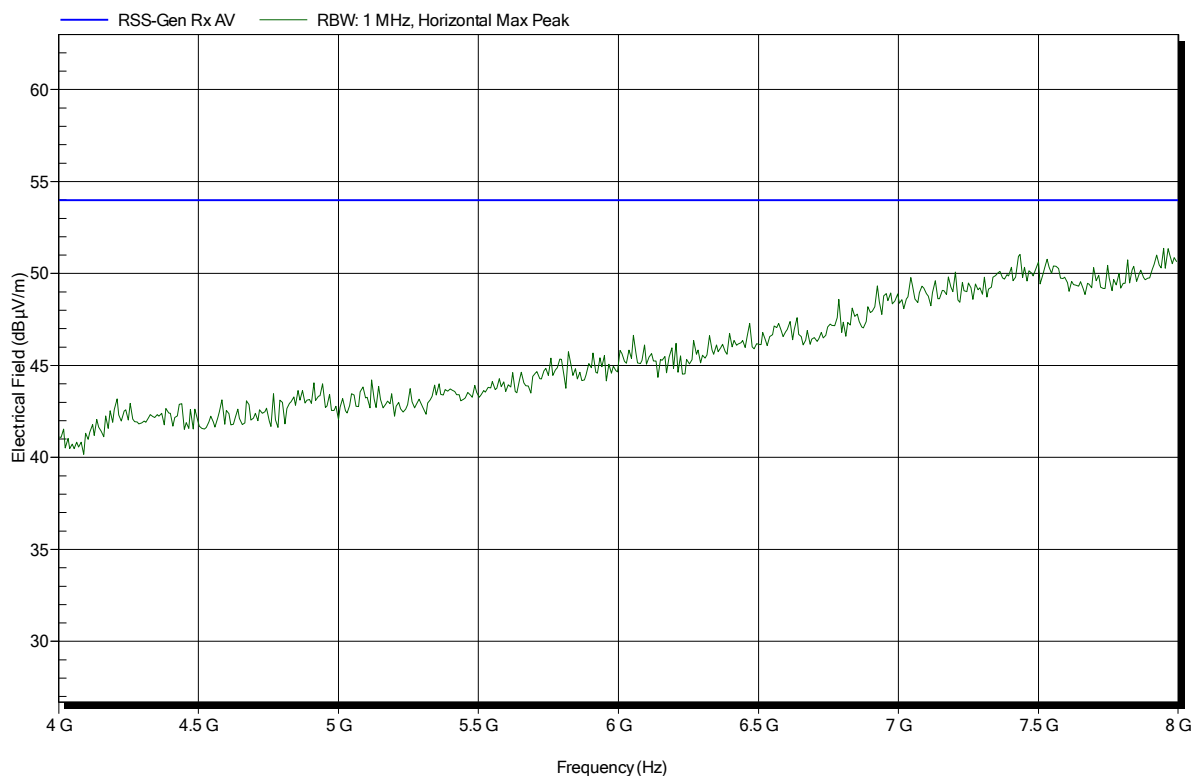


**Spurious emissions according to FCC 15.247**

Project number: GOM-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; SRD 921.5 MHz
Test Date:	2016-11-24
Note:	

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**Spurious emissions according to FCC 15.247**

Project number: G0M-1611-6036

Applicant:	Dräger Safety AG & Co. KGaA
EUT Name:	Portable Alarm Amplifier
Model:	Dräger X-zone 5500
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 6 VDC via battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; SRD 921.5 MHz
Test Date:	2016-11-24
Note:	

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