RADIO REPORT

FCC 47 CFR Part 15C

Digital transmission systems operating within the 2400.0 MHz - 2483.5 MHz band

Report Reference No	G0M-2009-9279-TFC247BL-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	DAkkS - Registration number : D-PL-12092-01-03 (ISED) ISED Testing Laboratory site: 3470A DAkkS - Registration number : D-PL-12092-01-04 (FCC) FCC Filed Test Laboratory, Reg.-No.: 96970
Applicant	Dräger Safety AG & Co. KGaA
Address	Revalstraße 1 23560 Lübeck GERMANY
Test Specification	47 CFR Part 15C
Non-Standard Test Method	None
Equipment under Test (EUT):	
Product Description	Fixed Gas Detector
Model(s)	Polytron 6100 EC WL
Additional Model(s)	None
Brand Name(s)	None
Hardware Version(s)	RC002
Software Version(s)	Transmitter: P6100 V1.5.7, Centero FW v02.00.08, Bootloader V2.5.0, SW Telit BLT V3.12.002
FCC ID	X6O-RC002
IC	5895F-RC002
Test Result	**PASSED**

Possible test case verdicts:		
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)	
Testing:		
Test Lab Temperature	20 °C - 30 °C	
Test Lab Humidity	25 % - 55 %	
Date of receipt of test item	2022-06-20	
Report:		
Compiled by	Odai Qawasmeh	
Tested by (+ signature) (Responsible for Test)	Odai Qawasmeh	O. Qawasmeh .....
Approved by (+ signature) (Test Lab Engineer)	Wilfried Treffke	W. Treffke .....
Date of Issue	2022-12-12	
Total number of pages	35	
General Remarks:		
The test results presented in this report relate only to the object tested. **The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.** This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.		
Additional Comments:		

ADDITIONAL VARIANTS

Additional Variants (not tested and not evaluated variants)		
Not-tested Variant	**Description**	
1	Product Type Description	Polytron Repeater ISA100
	Model name	Polytron Repeater ISA
	Brand name	-
	Hardware Version	RC002
	Software Version	Polytron Repeater V1.5.7, Centero FW v02.00.08, Bootloader V2.5.0, SW Telit BLT V3.12.002
	HVIN	RC002
	PMN	Polytron Repeater ISA
Comment: This named additional variant above has not been tested. This additional variant of the series has been declared by the manufacturer. The test report explicitly states that this variant was neither tested nor assessed nor evaluated.		

Additional Antennas (not tested and not evaluated variants)		
Not-tested Antenna	**Description**	
1	Type	External
	Model	1399.17.0232
	Manufacturer	Huber+Suhner
	Gain	2 dBi (declared by customer)
2	Type	External
	Model	F9915KW
	Manufacturer	Yokogawa
	Gain	2 dBi (declared by customer)
Comment: Those named additional antennas above have not been tested. Those additional antennas of the series have been declared by the manufacturer. The test report explicitly states that those antennas were neither tested nor assessed nor evaluated.		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2022-12-12	Initial Release	

ABBREVIATIONS AND ACRONYMS

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

REPORT INDEX

1 Equipment (Test Item) Under Test

Description	Fixed Gas Detector		
Model	Polytron 6100 EC WL		
Additional Model(s)	None		
Brand Name(s)	None		
Serial Number(s)	ARB-0024		
Test Sample ID(s)	40425		
Hardware Version(s)	RC002		
Software Version(s)	Transmitter: P6100 V1.5.7, Centero FW v02.00.08, Bootloader V2.5.0, SW Telit BLT V3.12.002		
FCC ID	X6O-RC002		
IC	5895F-RC002		
Equipment type	End Product		
Radio type	Transceiver		
Assigned frequency bands	2400.0 MHz - 2483.5 MHz		
Radio technology	Bluetooth LE 4.2		
Bluetooth Specification	LE 1M PHY		Yes
	LE 2M PHY		Yes
	LE Coded PHY S=8 (125 kbit)		No
	LE Coded PHY S=2 (500 kbit)		No
	Stable Modulation Index - Transmitter		No
	Stable Modulation Index - Receiver		No
Modulation	GFSK		
Number of antenna ports	1		
Radio Module	Type	Bluetooth Module	
	Model	BlueMod + S42 ATEX	
	Manufacturer	Telit Communication	
	HW Version	BE890D2SY3ATAI1	
	SW Version	3.012.0002	
	FCC-ID	RFRMS42	
	IC	4957A-MS42	
Antenna	Type	Integrated ceramic chip antenna	
	Model	Not specified	
	Manufacturer	Not specified	
	Gain	2 dBi	
Supply Voltage 1	V_{NOM}	24 VDC	
Supply Voltage 2	V_{NOM}	14.4 VDC (Battery)	
Operating Temperature	T_{NOM}	20°C	
Manufacturer	Dräger Safety AG & Co. KGaA Revalstraße 1 23560 Lübeck GERMANY		

1.1 Photos – Equipment External

EUT Top View

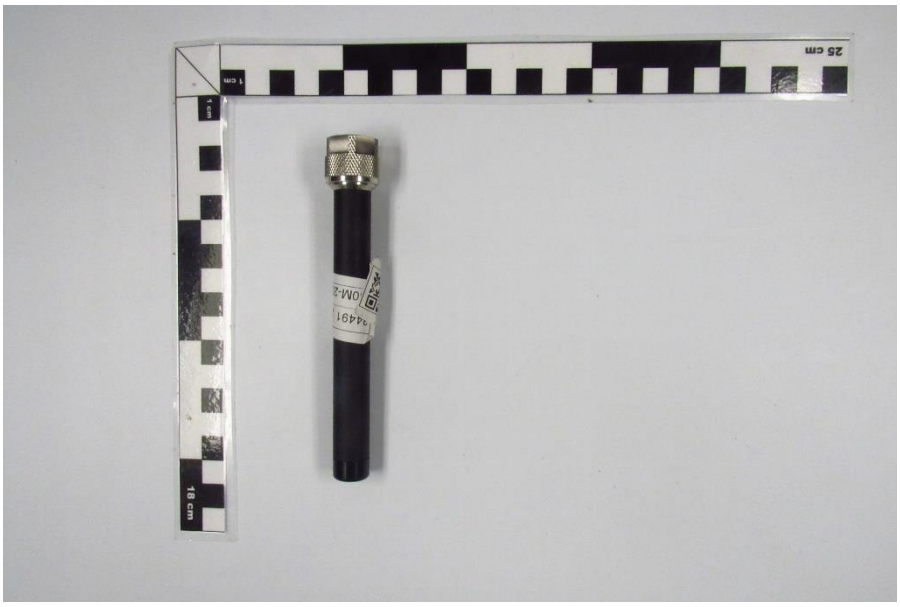

EUT Side View


EUT Bottom View

EUT Battery Slot

EUT Battery

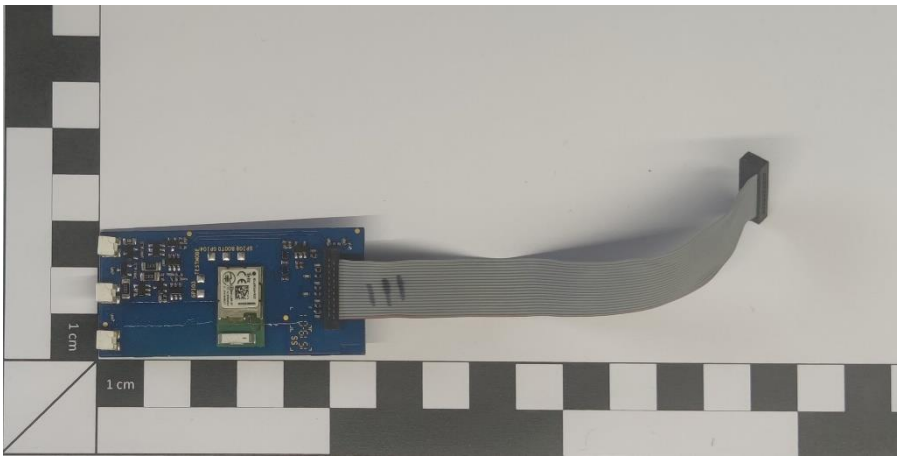
EUT Antenna

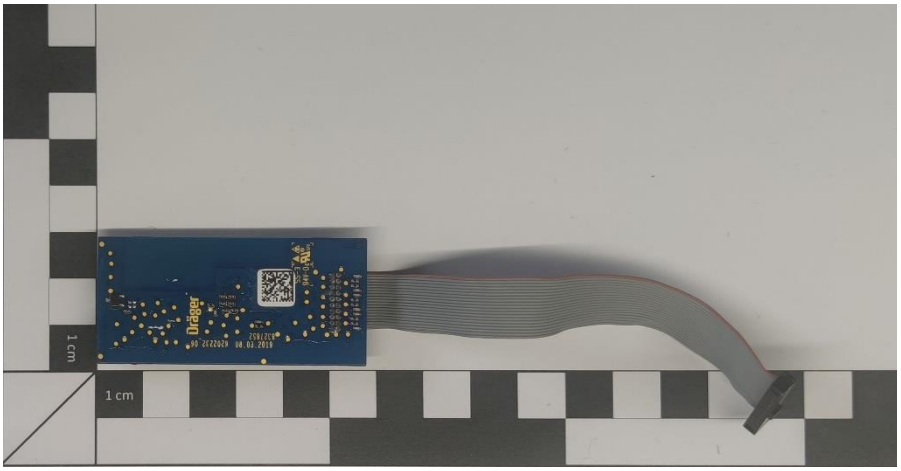


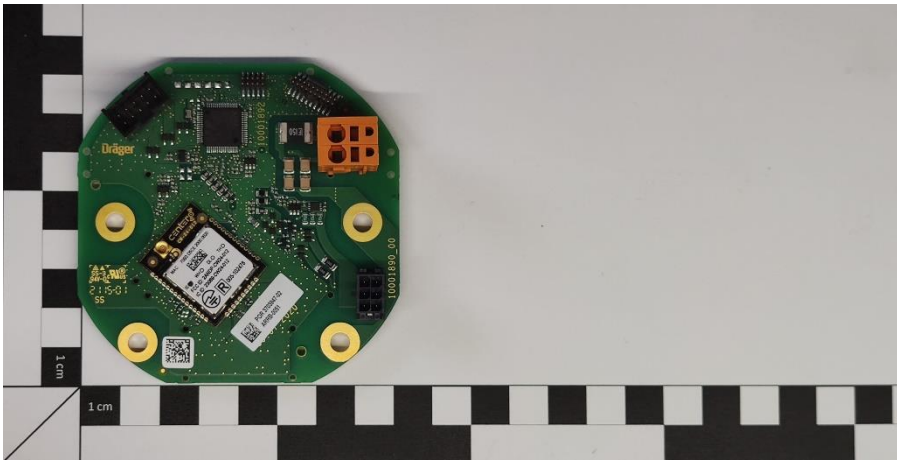
USB Cable for BT Mode

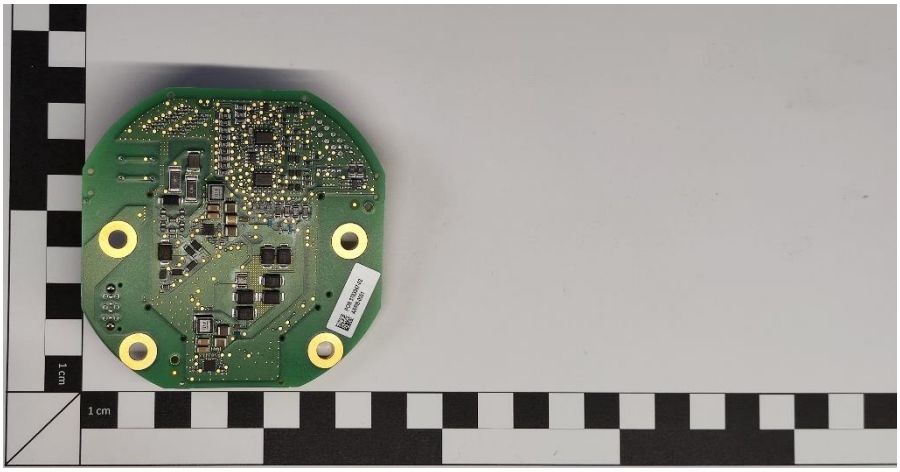

EUT with auxiliary equipment


1.2 Photos – Equipment Internal

HMI Top View (with bluetooth module)


HMI Bottom View (with bluetooth module)


SWEETII Top (main board with ISA100)


SWEETII Bottom (main board with ISA100)


1.3 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
AE	Notebook	Dell	-	-
CBL	USB cable	-	-	for configuring test modes
Description:				
AE	Auxiliary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
SFT	Software			
Comment:				

1.4 Test Modes

Mode	Description
GFSK	Mode = Transmit Modulation = GFSK Channel = 0 (2402 MHz) Spreading = None Data rate = 1 Mbps Duty cycle = 64%
Receive	Mode = Receive
Comment 1: Worst case was found in module test report number 1-2078/16-01-05-A issued by CETECOM ICT Services on 2016-09-07. Comment 2: Packet length, packet type and output power could not be adjusted with provided software tool.	

1.5 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx	0	2402
F2	Tx	39	2480

1.6 Sample emission level calculation

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

Reading:

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

A.F.:

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

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

Net:

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

Limit:

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

Limit (dBµV/m) = 20*log (µV/m)

Margin:

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

Example only:

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

2 Result Summary

FCC 47 CFR Part 15C				
Product Standard Reference	**Requirement**	**Reference Method**	**Result**	**Remarks**
FCC § 15.247(a)(2)	6 dB Bandwidth	ANSI C63.10-2013	N/T	
FCC § 15.247(b)	Maximum peak conducted power	ANSI C63.10-2013	N/T	
FCC § 15.247(e)	Power spectral density	ANSI C63.10-2013	N/T	
FCC § 15.207	AC power line conducted emissions	ANSI C63.10-2013	PASS	
FCC § 15.247(d)	Band edge compliance	ANSI C63.10-2013	N/T	
FCC § 15.247(d)	Conducted spurious emissions	ANSI C63.10-2013	N/T	
FCC § 15.247(d) FCC § 15.209	Transmitter radiated spurious emissions	ANSI C63.10-2013	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 - AC powerline conducted emissions

3.1.1 Information

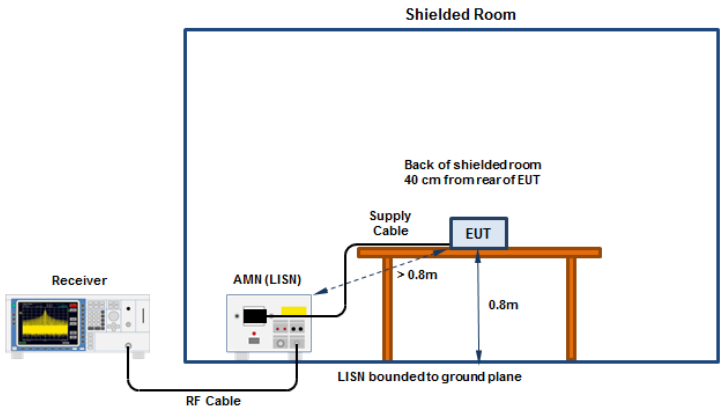
Test Information	
Reference	FCC § 15.207
Measurement Method	ANSI C63.10 6.2
Measurement Uncertainty	± 3.82 dB
Operator	Odai Qawasmeh
Date	2022-06-27

3.1.2 Limits

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

3.1.3 Setup

Test Setup



3.1.4 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	RadiMation	2020.1.8

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
EMI Test Receiver	R&S	ESR7	EF00943	2021-08	2022-08
Pulse Limiter	R&S	ESH3-Z2	EF01222	2021-07	2022-07
LISN	Schwarzbeck	NSLK 8127 RC	EF01592	2021-07	2022-07

3.1.5 Setup Photos

Setup for measurement 150 kHz – 30 MHz


Conducted emissions at the mains power port according to 47 CFR Part FCC 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40294
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Neuner
Test Date:	2022-06-27
Operating Conditions:	ambient temperature: 24.6 °Celsius
LISN:	Schwarzbeck NSLK 8127
Operational Mode:	BT-LE, Channel 0, 1 Mbps
EUT Configuration:	
Applied to Port:	120V AC, 60Hz
Note 1:	

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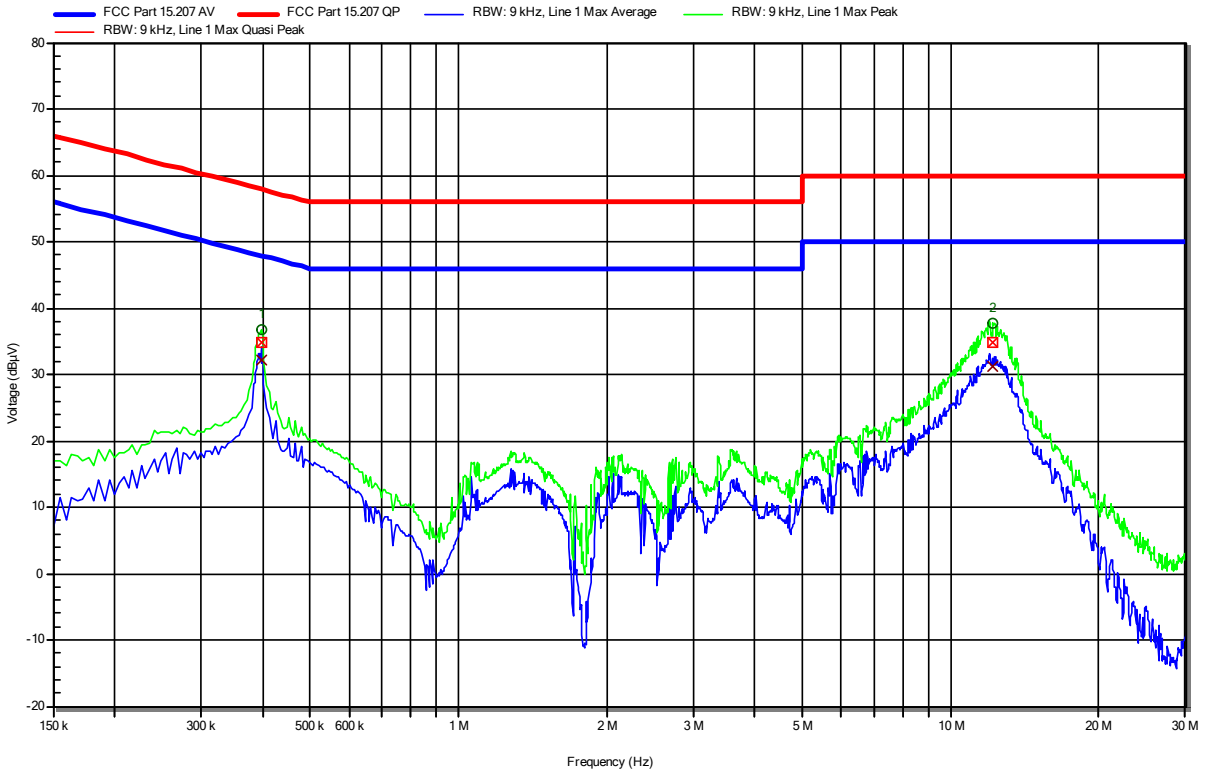
RadiMation



Peak Number	Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	LISN
1	397.05 kHz	34.71 dBµV	57.91 dBµV	-23.21 dB	Pass	Line 1
2	12.201 MHz	34.75 dBµV	60 dBµV	-25.25 dB	Pass	Line 1

Peak Number	Frequency	Average	Average Limit	Average Difference	Average Status	LISN
1	397.05 kHz	32.26 dBµV	47.91 dBµV	-15.66 dB	Pass	Line 1
2	12.201 MHz	31.22 dBµV	50 dBµV	-18.78 dB	Pass	Line 1

Conducted emissions at the mains power port according to 47 CFR Part FCC 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40294
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Neuner
Test Date:	2022-06-27
Operating Conditions:	ambient temperature: 24.6 °Celsius
LISN:	Schwarzbeck NSLK 8127
Operational Mode:	BT-LE, Channel 0, 1 Mbps
EUT Configuration:	
Applied to Port:	120V AC, 60Hz
Note 1:	

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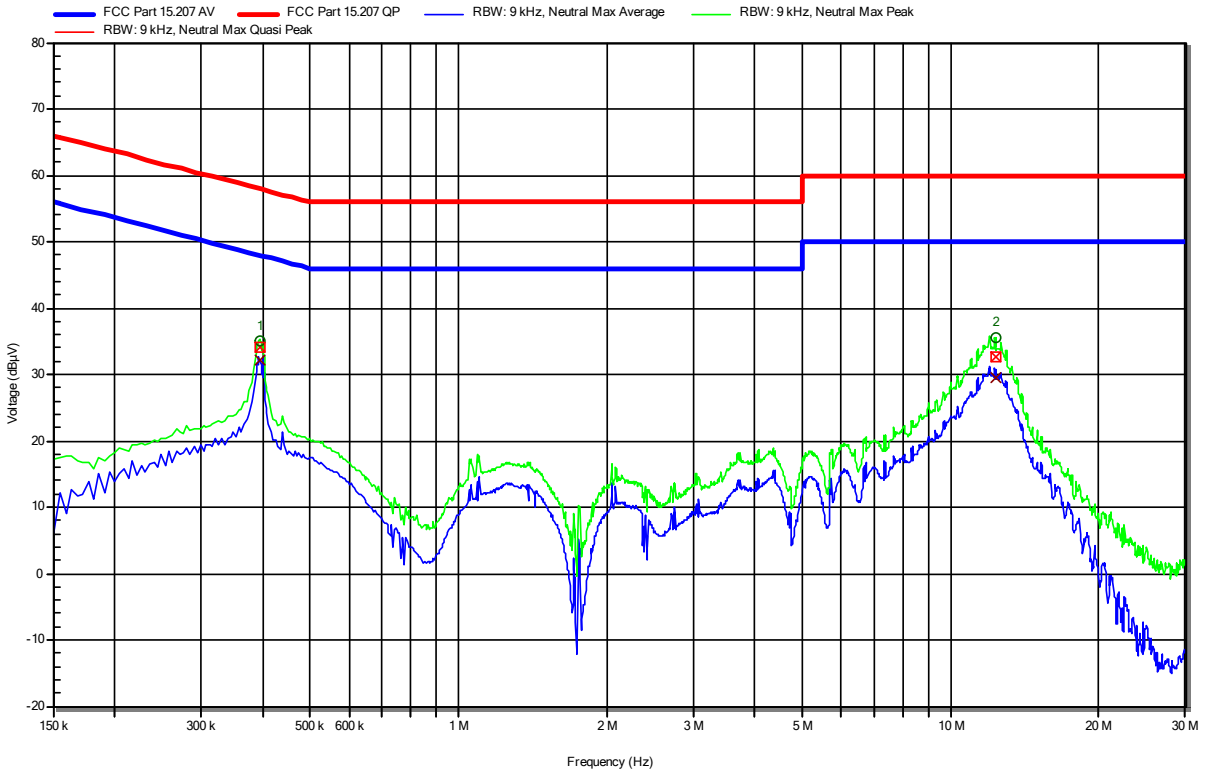
RadiMation



Peak Number	Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	LISN
1	393.9 kHz	34.21 dBµV	57.98 dBµV	-23.77 dB	Pass	Neutral
2	12.332 MHz	32.75 dBµV	60 dBµV	-27.25 dB	Pass	Neutral

Peak Number	Frequency	Average	Average Limit	Average Difference	Average Status	LISN
1	393.9 kHz	32.09 dBµV	47.98 dBµV	-15.89 dB	Pass	Neutral
2	12.332 MHz	29.46 dBµV	50 dBµV	-20.54 dB	Pass	Neutral

3.2 Test Conditions and Results - Transmitter radiated emissions

3.2.1 Information

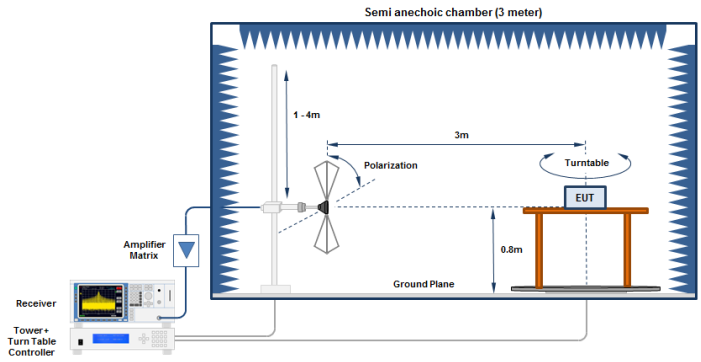
Test Information	
Reference	FCC § 15.247(d); FCC § 15.209
Measurement Uncertainty	± 5.95 dB
Measurement Method	ANSI C63.10 6.4, 6.5, 6.6, 11.12
Operator	Odai Qawasmeh
Date	2022-06-24

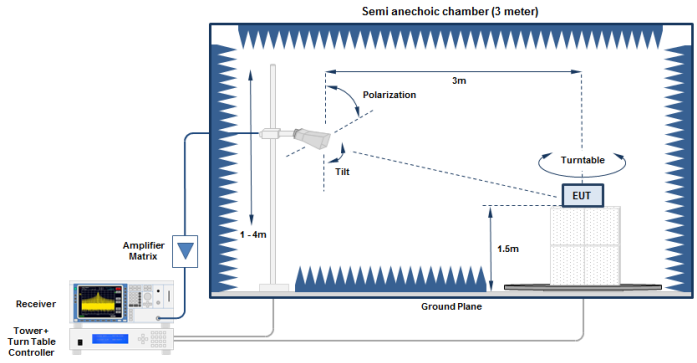
3.2.2 Limits

Limits			
Frequency range [MHz]	Detector	Field strength [µV/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

Test Setup 30 MHz - 1000 MHz



Test Setup > 1 GHz


3.2.4 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	RadiMation	2020.1.8

Test Equipment 30 MHz - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2021-02	2024-02
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2021-07	2022-07
Antenna	R&S	HK 116	EF00030	2021-05	2024-05
Antenna	R&S	HL 223	EF00187	2022-06	2025-06

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic chamber	Frankonia	AC 2	EF01616	2021-09	2022-09
Spectrum analyzer	R&S	FSU43	EF01631	2021-07	2022-07
Horn antenna	Schwarzbeck	BBHA 9120B	EF01678	2021-03	2024-03
Horn Antenna	Schwarzbeck	HWRD 650	EF01679	2021-03	2024-03
Antenna	Amplifier Research	AT4560	EF00302	2021-06	2023-06

3.2.5 Procedure

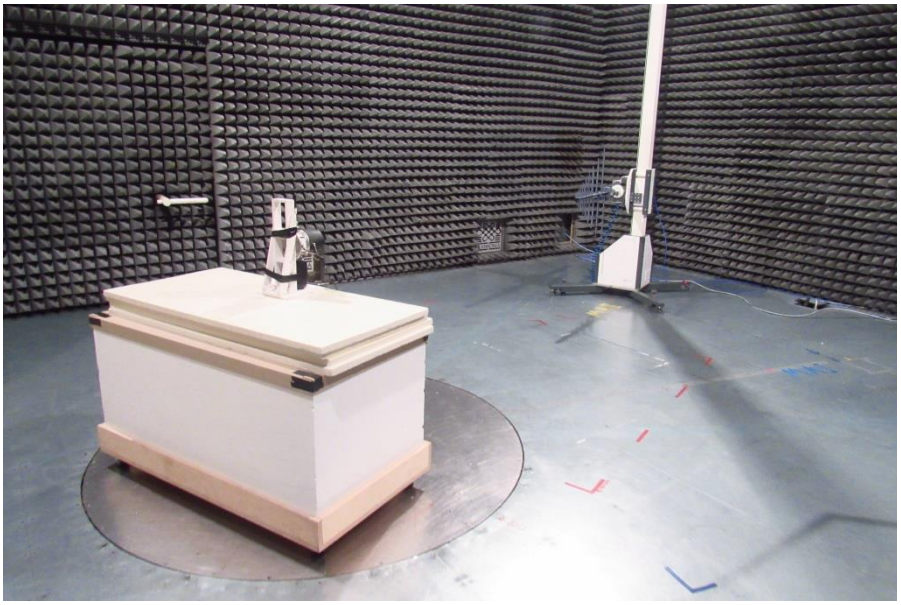
Test Procedure 30 MHz - 1000 MHz
1. EUT is placed on a non conducting support at the center of a turn table 0.8 m above the ground 2. EUT set to test mode 3. The receiver is set to peak detection with max hold 4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m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

3.2.6 Results

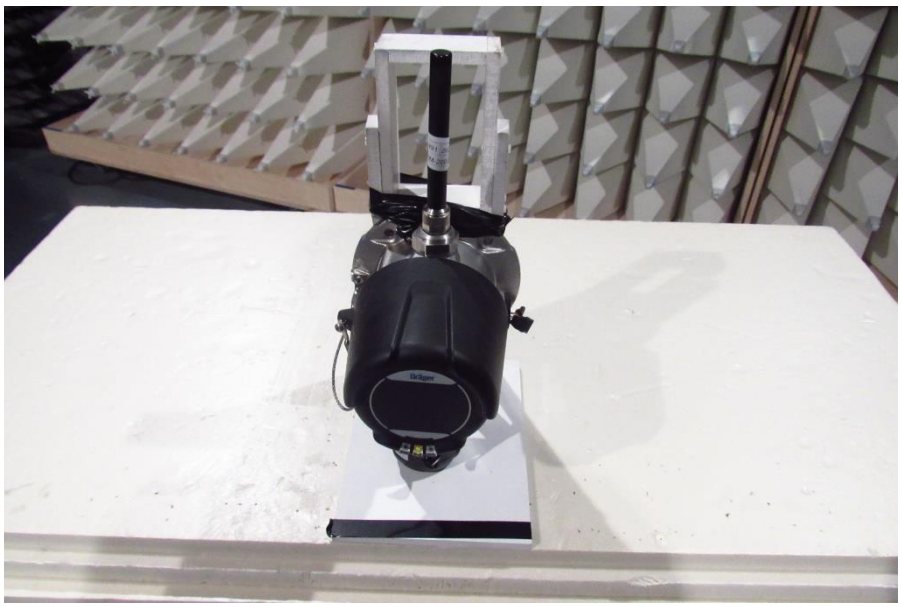
Test Results						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2402	2286.8	43.12	pk	ver	74.00	-30.88
2402	2286.8	40.89	avg	ver	54.00	-13.11
2402	2312.9	58.34	pk	hor	74.00	-15.66
2402	2312.9	45.64	avg	hor	54.00	-08.36
2402	17819	44.44	pk	ver	74.00	-29.56
2402	17819	32.00	avg	ver	54.00	-22.00
2402	18466	48.50	pk	ver	74.00	-25.50
2402	18466	36.30	avg	ver	54.00	-17.70
2480	2491.2	59.34	pk	ver	74.00	-14.66
2480	2491.2	45.75	avg	ver	54.00	-08.25

3.2.7 Setup Photos

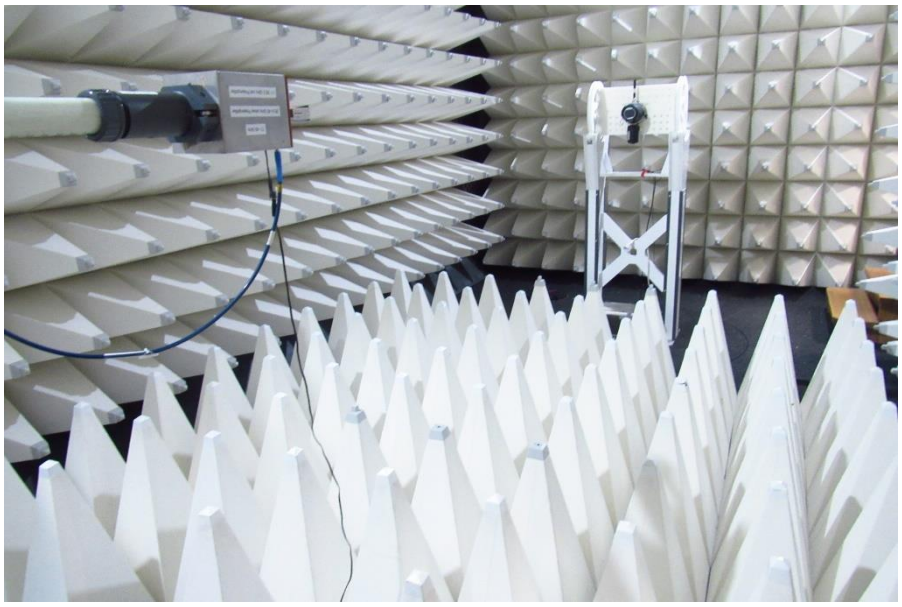
Setup for measurements below 1 GHz


Setup for measurements below 1 GHz

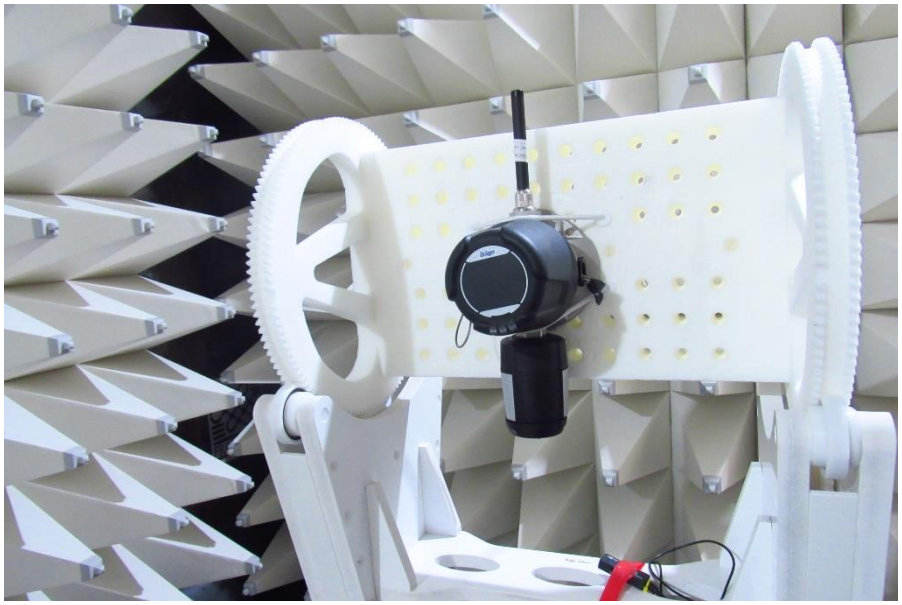

EUT Test Setup



Setup for measurements above 1 GHz



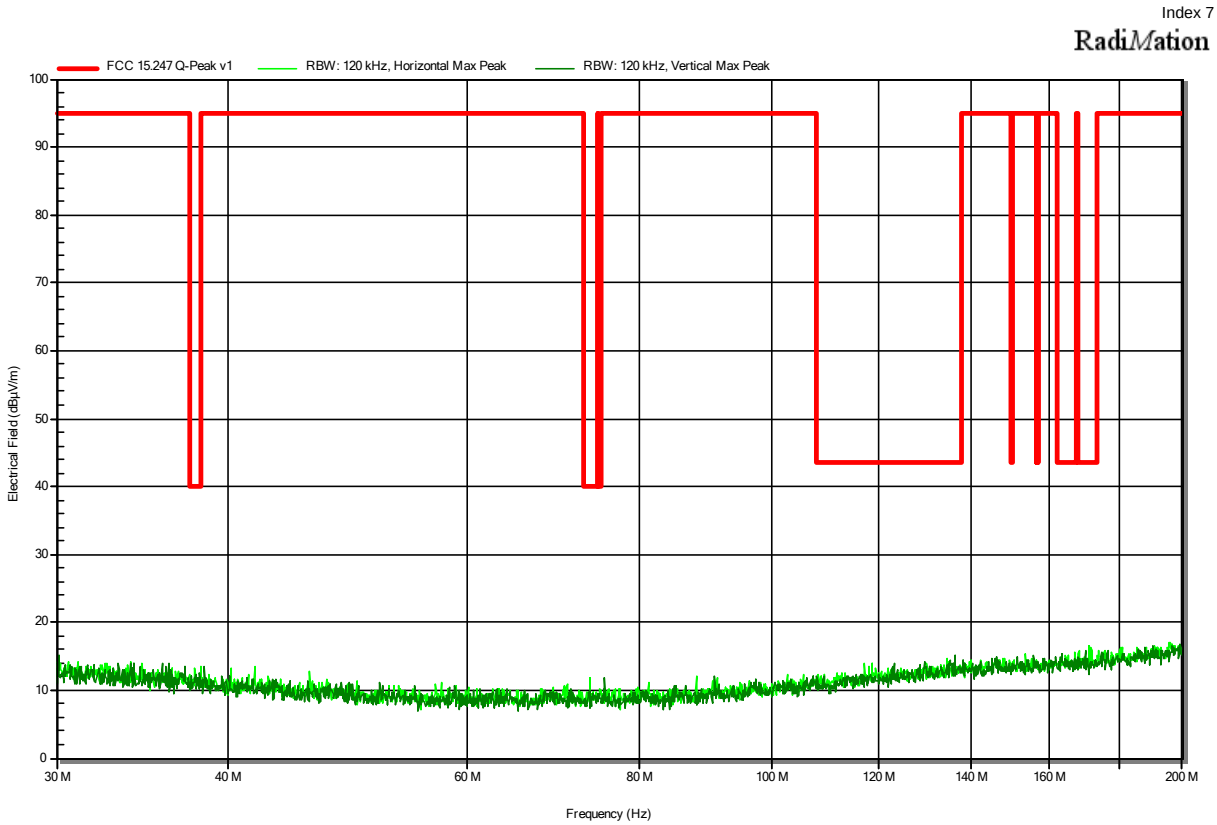
EUT Test Setup



ANNEX A Transmitter spurious emissions

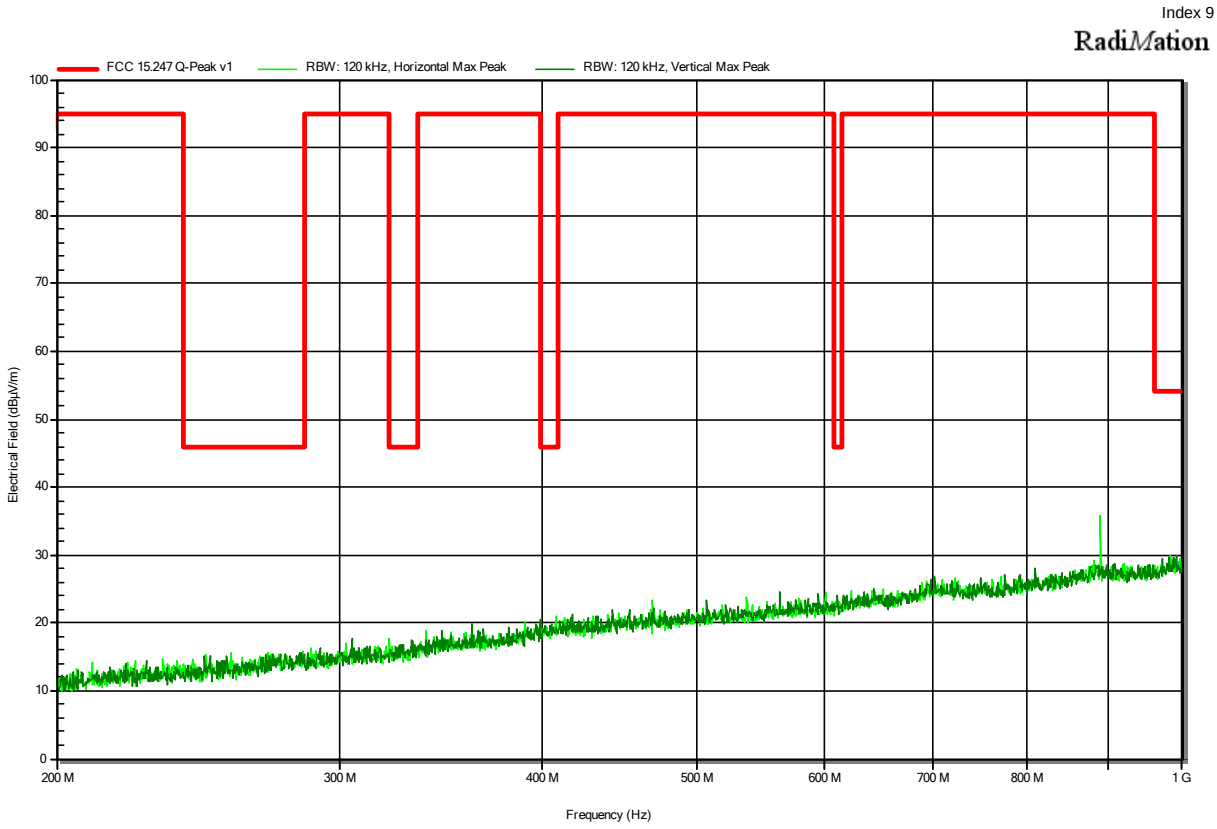
Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40425
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Qawasmeh
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 14.4 VDC (Lithium battery)
Antenna:	Rohde & Schwarz HK 116
Measurement distance:	3 m
Mode:	Tx; BLE 4.2; Ch 0; 1 Mbps
Test Date:	2022-06-27
Note:	



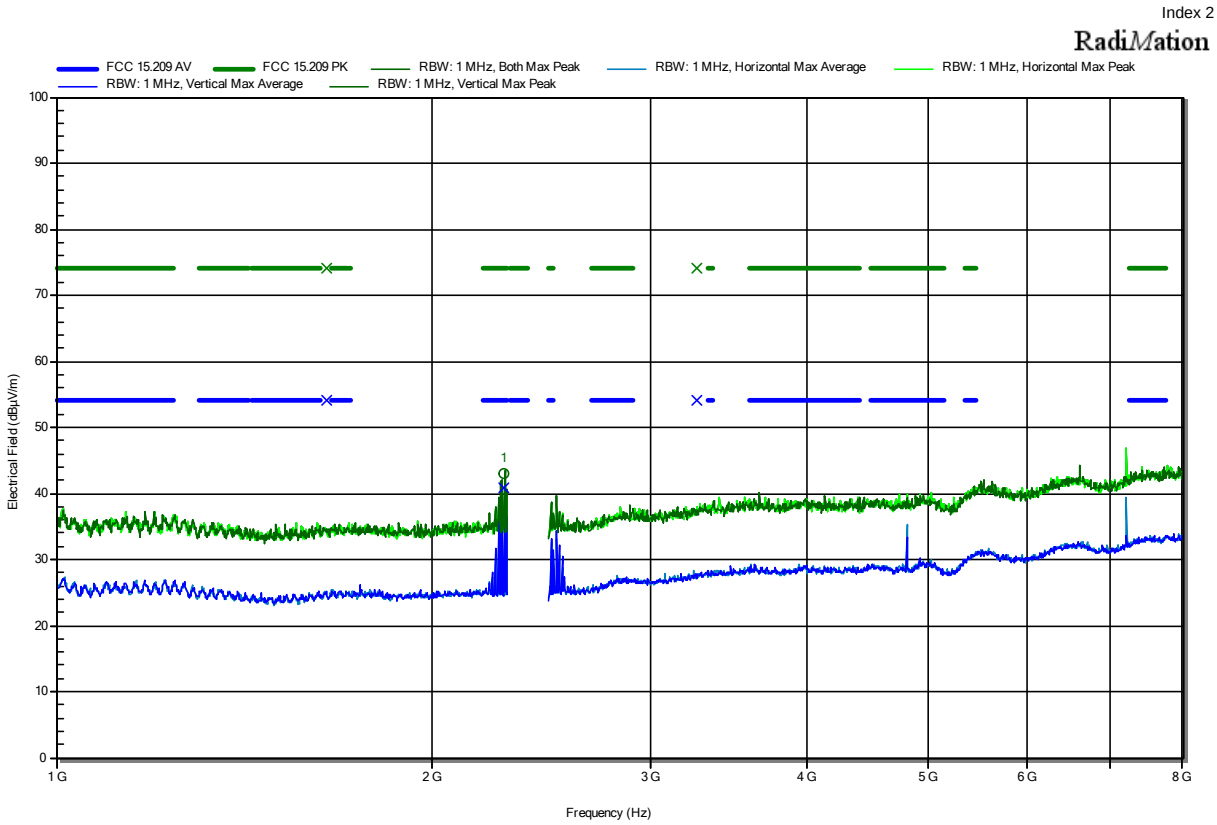
Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40425
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Qawasmeh
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 14.4 VDC (Lithium battery)
Antenna:	Rohde & Schwarz HL 223
Measurement distance:	3 m
Mode:	Tx; BLE 4.2; Ch 0; 1 Mbps
Test Date:	2022-06-27
Note:	



Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40425
Test Site:	Eurofins Product Service GmbH
Operator:	Mrs Hoang
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 14.4 VDC (Lithium battery)
Antenna:	Schwarzbeck BBHA 9120B
Measurement distance:	3 m
Mode:	Tx; BLE 4.2; Ch 0; 1 Mbps
Test Date:	2022-06-24
Note:	EUT horizontal

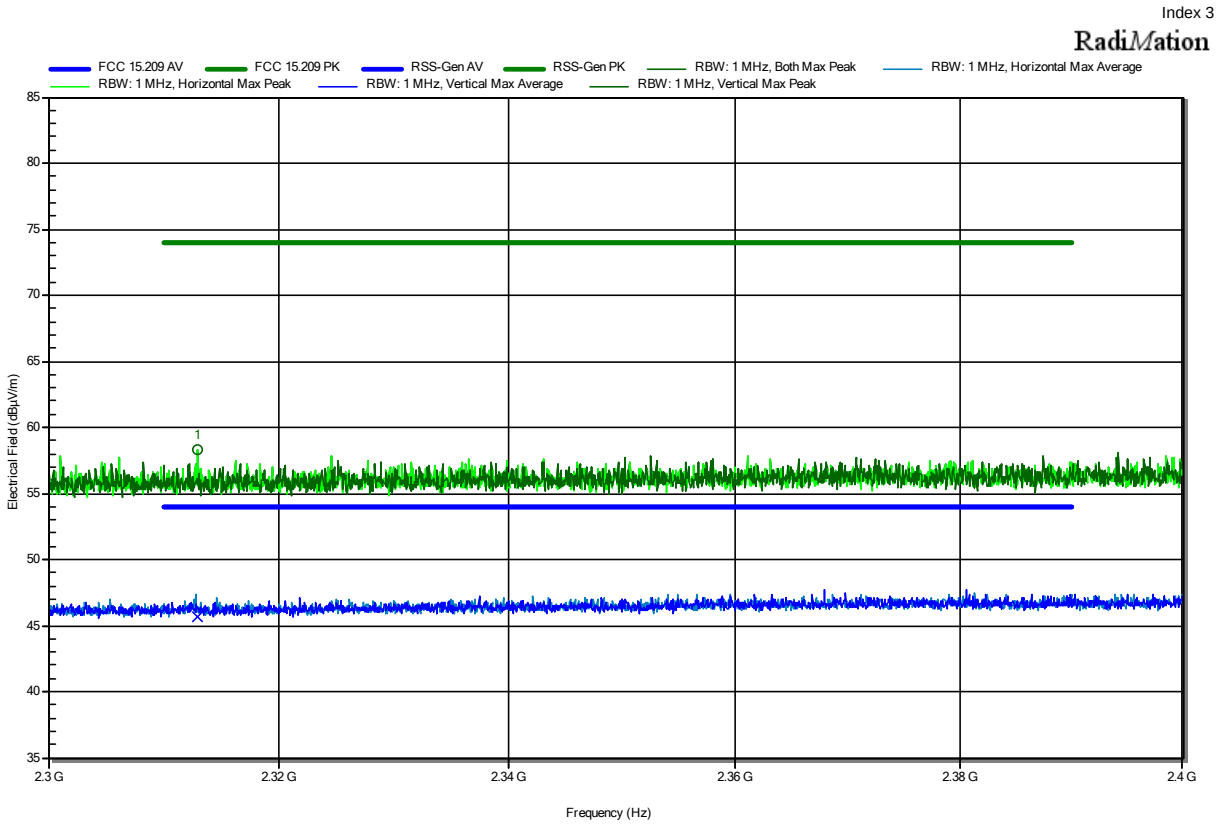


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.2868 GHz	43.12 dBµV/m	74 dBµV/m	-30.88 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
2.2868 GHz	40.89 dBµV/m	54 dBµV/m	-13.11 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40425
Test Site:	Eurofins Product Service GmbH
Operator:	Mrs Hoang
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 14.4 VDC (Lithium battery)
Antenna:	Schwarzbeck BBHA 9120B
Measurement distance:	3 m
Mode:	Tx; BLE 4.2; Ch 0; 1 Mbps
Test Date:	2022-06-24
Note:	lower bandedge

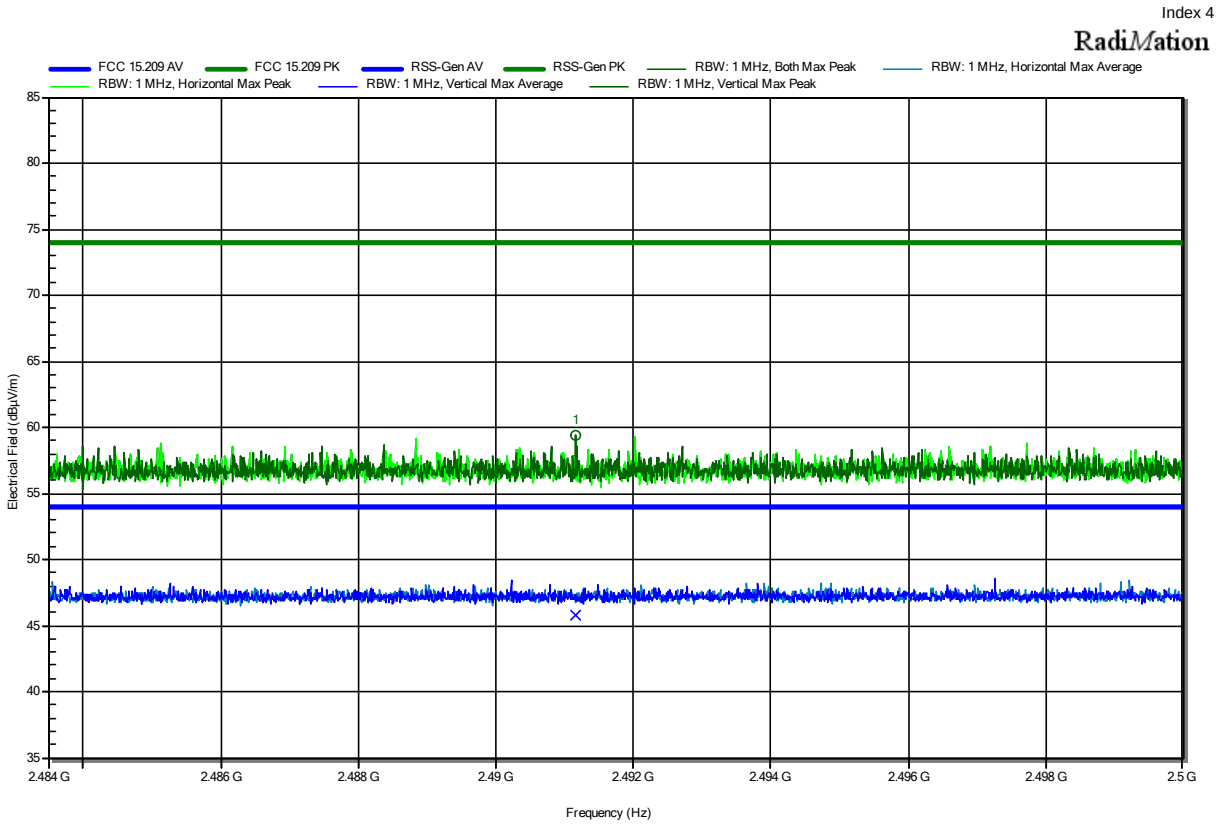


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.3129 GHz	58.34 dBµV/m	74 dBµV/m	-15.66 dB	Pass	Horizontal

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
2.3129 GHz	45.64 dBµV/m	54 dBµV/m	-8.36 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40425
Test Site:	Eurofins Product Service GmbH
Operator:	Mrs Hoang
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 14.4 VDC (Lithium battery)
Antenna:	Schwarzbeck BBHA 9120B
Measurement distance:	3 m
Mode:	Tx; BLE 4.2; Ch 0; 1 Mbps
Test Date:	2022-06-24
Note:	upper bandedge

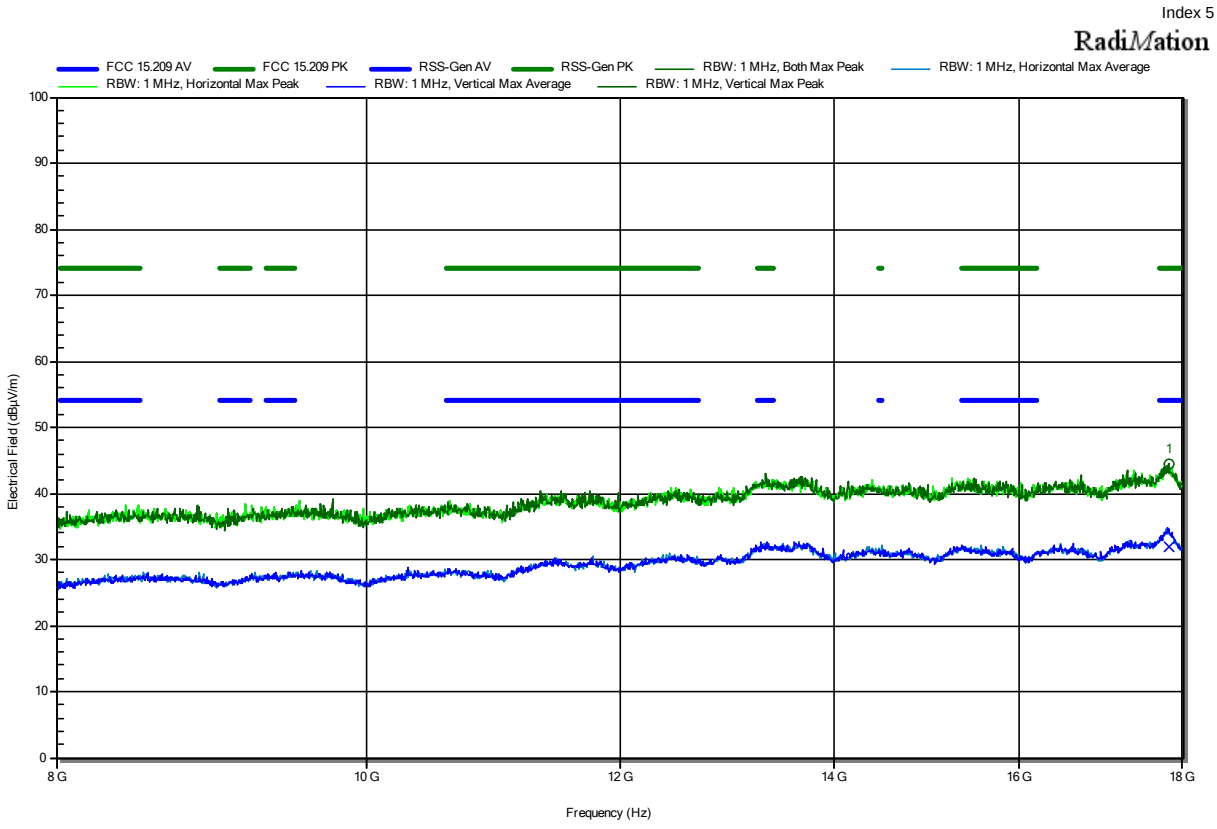


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.4912 GHz	59.34 dBµV/m	74 dBµV/m	-14.66 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
2.4912 GHz	45.75 dBµV/m	54 dBµV/m	-8.25 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40425
Test Site:	Eurofins Product Service GmbH
Operator:	Mrs Hoang
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 14.4 VDC (Lithium battery)
Antenna:	Schwarzbeck HWRD 650
Measurement distance:	3 m
Mode:	Tx; BLE 4.2; Ch 0; 1 Mbps
Test Date:	2022-06-24
Note:	



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
17.819 GHz	44.44 dBµV/m	74 dBµV/m	-29.56 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
17.819 GHz	32 dBµV/m	54 dBµV/m	-22 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number:	G0M-2009-9279
Applicant:	Dräger Safety AG & Co. KGaA
Model Description:	Fixed Gas Detector
Model:	Polytron 6100 EC WL
Test Sample ID:	40425
Test Site:	Eurofins Product Service GmbH
Operator:	Mrs Hoang
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 14.4 VDC (Lithium battery)
Antenna:	Amplifier Research AT4560
Measurement distance:	3 m
Mode:	Tx; BLE 4.2; Ch 0; 1 Mbps
Test Date:	2022-06-24
Note:	

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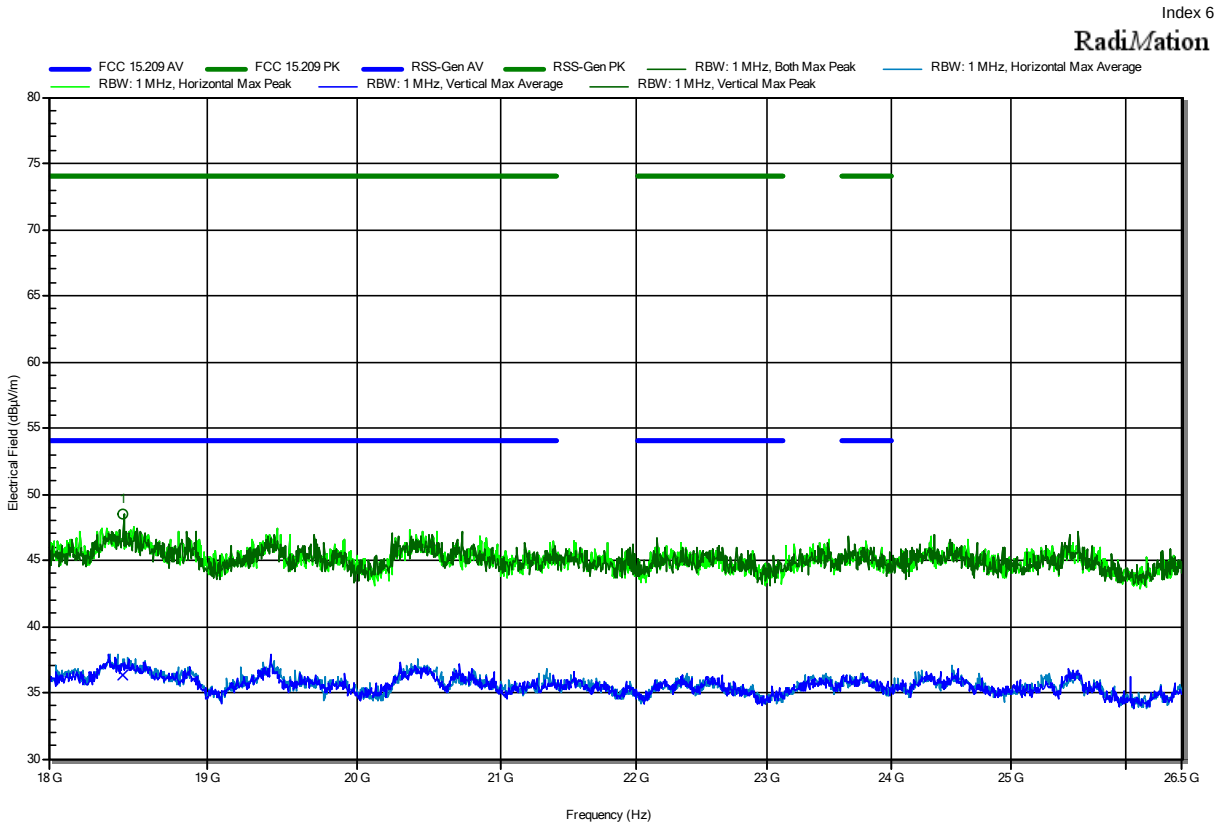

Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
18.466 GHz	48.5 dBµV/m	74 dBµV/m	-25.5 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
18.466 GHz	36.3 dBµV/m	54 dBµV/m	-17.7 dB	Pass	Vertical

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