RADIO REPORT

FCC 47 CFR Part 15C
ISED Canada RSS-247

Digital transmission systems operating within the 2400 – 2483.5 MHz band

Report Reference No	G0M-1708-6775-TFC247BL-V02
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	A2LA Accredited Testing Laboratory, Certificate No.: 1983.01 FCC Test Firm Designation Number: DE0008 IC Testing Laboratory site: 3470A-2
Applicant	Phillips-Medisize A/S
Address	Gimsinglundvej 20 7600 Struer DENMARK
Test Specification	According to FCC/ISED rules
Standard	47 CFR Part 15C RSS-247, Issue 2, 2017-02
Non-Standard Test Method	None
Test Scope	Full compliance test
Equipment under Test (EUT):	
Product Description	SynfuGo, an automated personalized infusion pump
Model(s)	SynfuGo
Additional Model(s)	None
Brand Name(s)	SynfuGo
Hardware Version(s)	HDR ver 3.00
Software Version(s)	01.05.00
FCC-ID	2AAGY-SYNFUGO
IC	N/A
Test Result	**PASSED**

Possibe test case verdicts:		
required by standard but not tested	N/T	
not required by standard	N/R	
test object does meet the requirement	P(PASS)	
test object does not meet the requirement	F(FAIL)	
Testing:		
Test Lab Temperature	20 - 23 °C	
Test Lab Humidity	32 – 38 %	
Date of receipt of test item	2017-08-23	
Report:		
Compiled by	Wilfried Treffke	
Tested by (+ signature) (Responsible for Test)	Wilfried Treffke	W. Treffke .....
Approved by (+ signature) (Deputy Head of Lab)	Toralf Jahn	T. Z .....
Date of Issue	2019-02-26	
Total number of pages	97	
General Remarks:		
The test results presented in this report relate only to the object tested. **The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.** This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.		
Additional Comments:		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2018-09-03	Initial Release	
02	2019-02-26	Applicant and manufacturer corrected.	W. Treffke

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	SynfuGo, an automated personalized infusion pump	
Model	SynfuGo	
Additional Model(s)	None	
Brand Name(s)	SynfuGo	
Serial Number(s)	None	
Hardware Version(s)	HDR ver 3.00	
Software Version(s)	01.05.00	
PMN	N/A	
HVIN	N/A	
FVIN	N/A	
HMN	N/A	
FCC-ID	2AAGY-SYNFUGO	
IC	N/A	
Equipment type	End Product	
Radio type	Transceiver	
Assigned frequency bands	2400 - 2483.5 MHz	
Radio technology	Bluetooth LE	
Modulation	GFSK	
Number of antenna ports	1	
Antenna	Type	Integrated
	Model	2450AT18B100
	Manufacturer	Johanson Technology
	Gain	-0.5
Supply Voltage	V_{NOM}	3.7 VDC
Operating Temperature	T_{NOM}	21 °C
AC/DC-Adaptor	Model	ASSA54e-050100
	Vendor	AQUIL STAR PRECISION INDUSTRIAL
	Input	100 – 240 VAC
	Output	5 VDC
Manufacturer	Phillips-Medisize A/S Gimsinglundvej 20 7600 Struer DENMARK	

1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
None				
Description:				
AE	Auxillary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
Comment:				

1.5 Test Modes

Mode	Description
GFSK	Mode = Transmit Modulation = GFSK Spreading = None Duty cycle = 64%
Receive	Mode = Receive
Comment:	

1.6 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx / Rx	0	2402
F2	Tx / Rx	19	2440
F3	Tx / Rx	39	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:

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

Net:

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

Limit:

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

Limit (dBµV/m) = 20*log (µV/m)

Margin:

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

Example only:

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

2 Result Summary

FCC 47 CFR Part 15C, ISED RSS-247				
Product Standard Reference	**Requirement**	**Reference Method**	**Result**	**Remarks**
RSS-Gen 6.7	Occupied Bandwidth	RSS-Gen 6.7	N/R	Informational only
FCC § 15.247(a)(2) ISED RSS-247 § 5.2	6 dB Bandwidth	ANSI C63.10	PASS	
FCC § 15.247(b)(3) ISED RSS-247 § 5.4	Maximum peak conducted power	ANSI C63.10	PASS	
FCC § 15.247(e) ISED RSS-247 § 5.2	Power spectral density	ANSI C63.10	PASS	
FCC § 15.207 ISED RSS-247 § 3.1	AC power line conducted emissions	ANSI C63.10	PASS	
FCC § 15.247(d) ISED RSS-247 § 5.5	Band edge compliance	ANSI C63.10	PASS	
FCC § 15.247(d) ISED RSS-247 § 5.5	Conducted spurious emissions	ANSI C63.10	PASS	
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

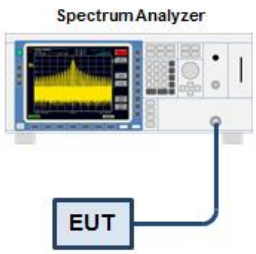
Test Information	
Reference	ISED RSS-Gen 6.6
Measurement Method	ANSI C63.10 6.9.3
Operator	Sebastian Suckow
Date	2017-10-23

3.1.2 Limits

Limits
None (Informational only)

3.1.3 Setup

Test Setup



3.1.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2017-07	2018-07

3.1.5 Procedure

Test Procedure

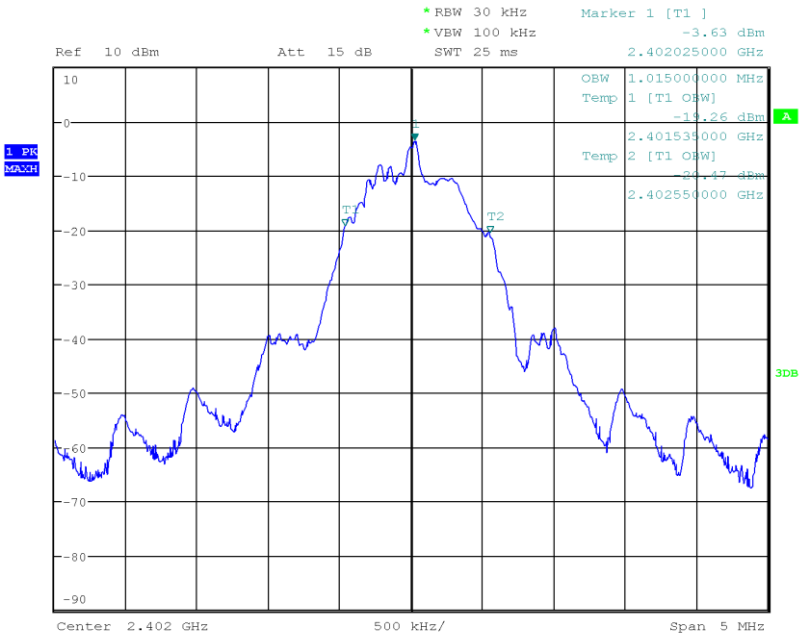
1. EUT transmitter is activated in test mode under normal conditions
2. The spectrum analyzer is set to peak detection and maximum hold with a span twice the emission spectrum
3. The resolution bandwidth is set to 1 % of the bandwidth
4. The occupied bandwidth is measured with the build-in analyzer function

3.1.6 Results

Test Results		
Mode	Frequency [MHz]	Bandwidth [MHz]
GFSK	2402	1.015
GFSK	2440	1.030
GFSK	2480	1.020

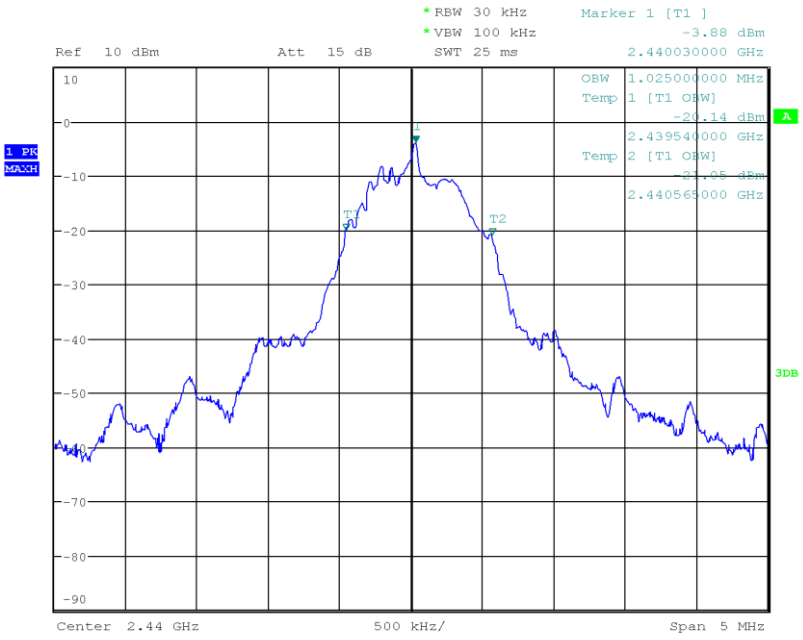
Occupied Bandwidth

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	GFSK, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	C. Weber
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Occupied Bandwidth [MHz]:	1.015



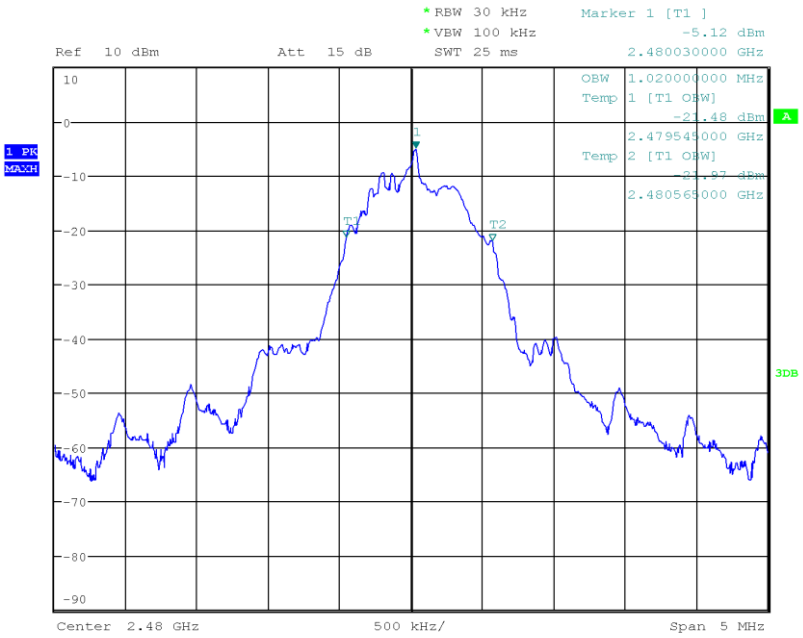
Occupied Bandwidth

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	GFSK, Channel: 19, 2440 MHz
Operating Conditions:	Tnom/Vnom
Operator:	C. Weber
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Occupied Bandwidth [MHz]:	1.030



Occupied Bandwidth

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	GFSK, Channel: 39, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	C. Weber
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Occupied Bandwidth [MHz]:	1.020



3.2 Test Conditions and Results - 6 dB bandwidth

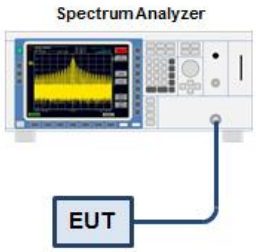
3.2.1 Information

Test Information	
Reference	FCC 15.247(a)(2) / ISED RSS-247 5.2
Measurement Method	ANSI C63.10 11.8
Operator	Sebastian Suckow
Date	2017-10-23

3.2.2 Limits

Limits
≥ 500kHz

3.2.3 Setup

Test Setup


3.2.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2017-07	2018-07

3.2.5 Procedure

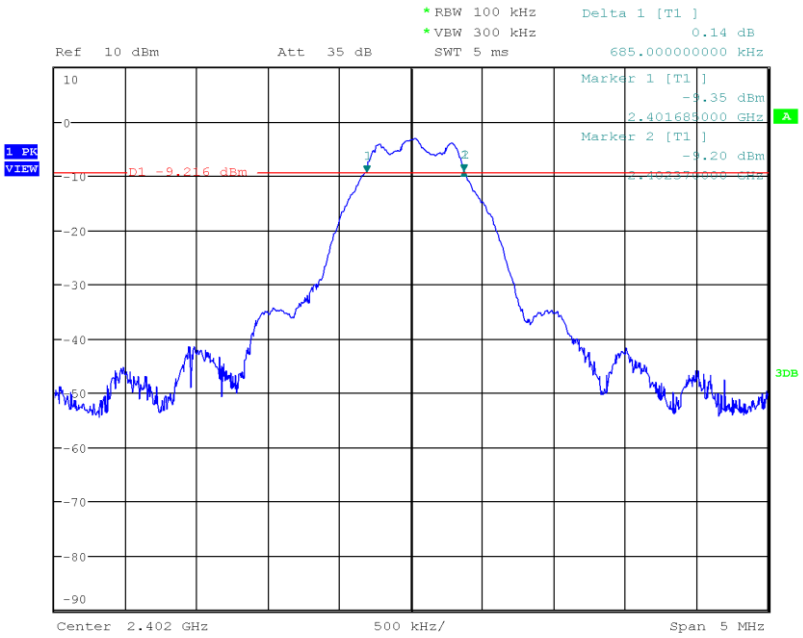
Test Procedure
1. EUT set to test mode 2. Span set to at least twice the emission spectrum 3. Detector set to peak and max hold and RBW is set to 100 kHz 4. Envelope peak value of emission spectrum is selected 5. Marker on envelope of spectrum is set to level of -6 dB to the left of the peak 6. Marker on envelope of spectrum is set to level of -6 dB to the right of the peak 7. 6 dB Bandwidth is determined by marker frequency separation

3.2.6 Results

Test Results				
Mode	Frequency [MHz]	Bandwidth [kHz]	Limit [kHz]	Verdict
GFSK	2402	685	500	PASS
GFSK	2440	690	500	PASS
GFSK	2480	680	500	PASS

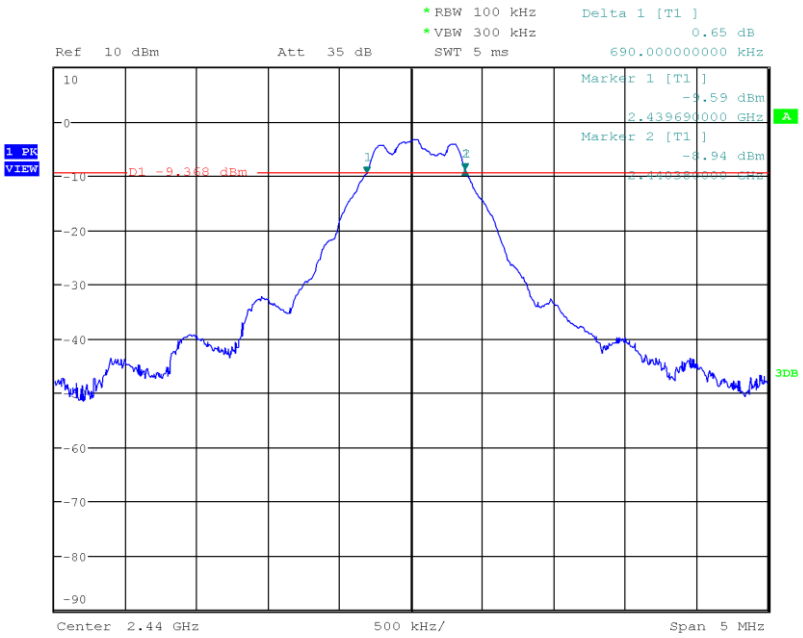
DTS (6 dB) Bandwidth

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.8.1 Option 1
Operational Mode:	GFSK, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Lower Frequency [MHz]:	2401.685
Upper Frequency [MHz]:	2402.370
6 dB Bandwidth [kHz]:	685



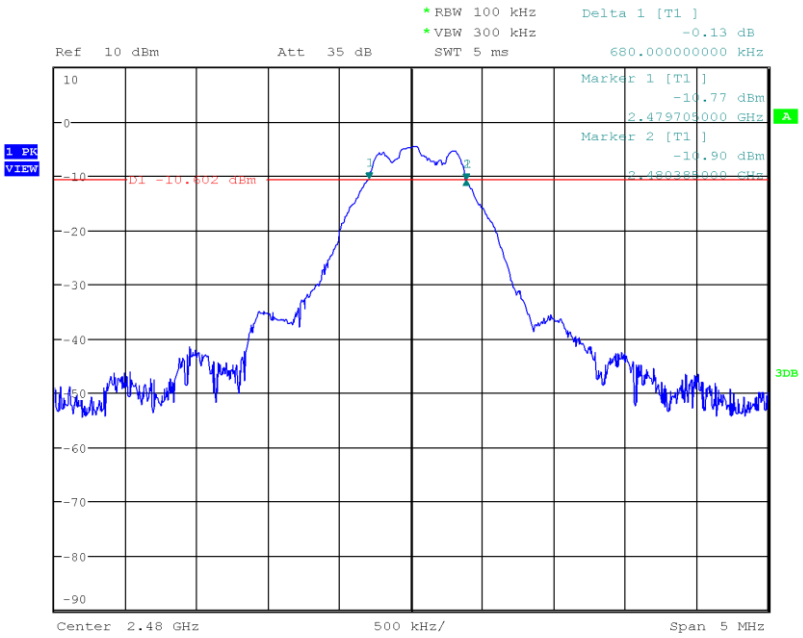
DTS (6 dB) Bandwidth

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.8.1 Option 1
Operational Mode:	GFSK, Channel: 19, 2440 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Lower Frequency [MHz]:	2439.690
Upper Frequency [MHz]:	2440.380
6 dB Bandwidth [kHz]:	690



DTS (6 dB) Bandwidth

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.8.1 Option 1
Operational Mode:	GFSK, Channel: 39, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Lower Frequency [MHz]:	2479.705
Upper Frequency [MHz]:	2480.385
6 dB Bandwidth [kHz]:	680



3.3 Test Conditions and Results - Maximum peak conducted output power

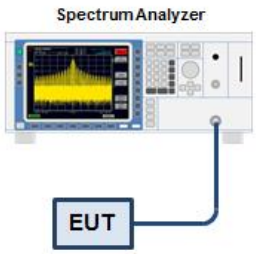
3.3.1 Information

Test Information	
Reference	FCC 15.247(b)(1) / ISED RSS-247 5.4
Measurement Method	ANSI C63.10 11.9.1
Operator	Sebastian Suckow
Date	2017-10-23

3.3.2 Limits

Limits
1 W (30 dBm)
The conducted output power limit specified above is based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in the table, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.3 Setup

Test Setup


3.3.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2017-07	2018-07

3.3.5 Procedure

Test Procedure
1. EUT set to test hopping mode (Communication tester is used if needed) 2. Analyzer resolution bandwidth is set ≥ DTS bandwidth 3. Detector set to peak and max hold 4. Sweep time is set to auto 5. After the trace has stabilized a marker is set to peak of envelope

3.3.6 Results

Test Results				
Channel [MHz]	Power [dBm]	Power [W]	Limit [W]	Verdict
2402	-1.844	0.0007	1.0	PASS
2440	-1.991	0.0006	1.0	PASS
2480	-3.237	0.0005	1.0	PASS

3.4 Test Conditions and Results - Power spectral density

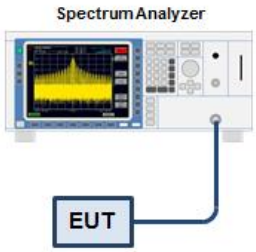
3.4.1 Information

Test Information	
Reference	FCC 15.247(e) / ISED RSS-247 5.2
Measurement Method	ANSI C63.10 11.10.2, 14.3.2
Operator	Sebastian Suckow
Date	2017-10-23

3.4.2 Limits

Limits
8 dBm / 3 kHz

3.4.3 Setup

Test Setup


3.4.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2017-07	2018-07

3.4.5 Procedure

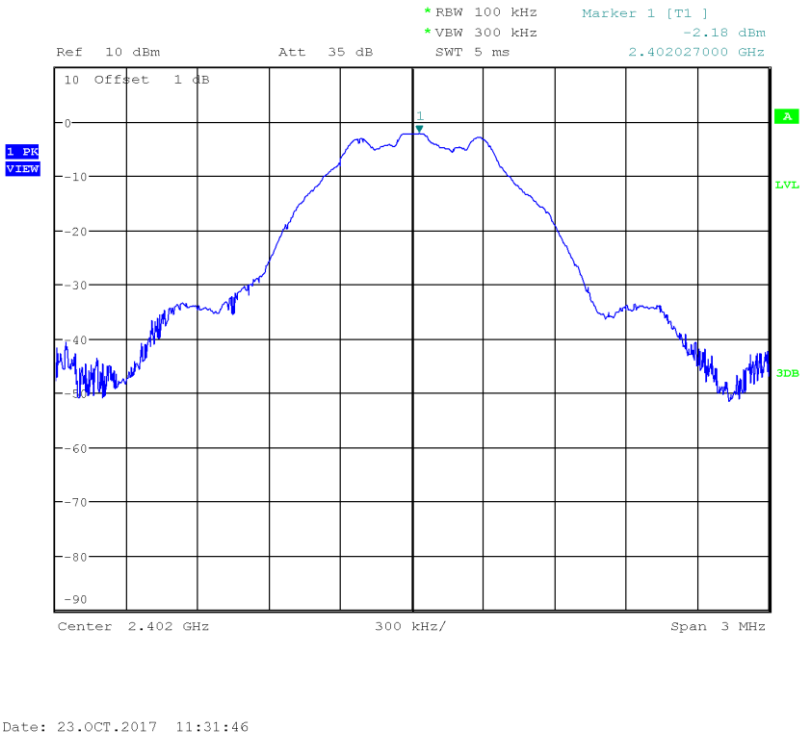
Test Procedure
1. EUT set to test mode 2. The analyzer is set to DTS channel center frequency with a span of 1.5 times the DTS bandwidth 3. The RBW is set to 100 kHz with VBW ≥ RBW and the detector is set to peak with max hold 4. After the trace has stabilized a marker is set to the envelope maximum 5. If the power spectral density is above the limit the RBW is reduced (not lower than 3 kHz) and the measurement is repeated 6. If the EUT has more than one transmit chain the procedure is repeated for each transmit chain

3.4.6 Results

Test Results			
Channel [MHz]	PSD [dBm/RBW]	Limit [dBm/3kHz]	Verdict
2402	-2.180	8.0	PASS
2440	-2.327	8.0	PASS
2480	-3.577	8.0	PASS
RBW = 100 kHz			

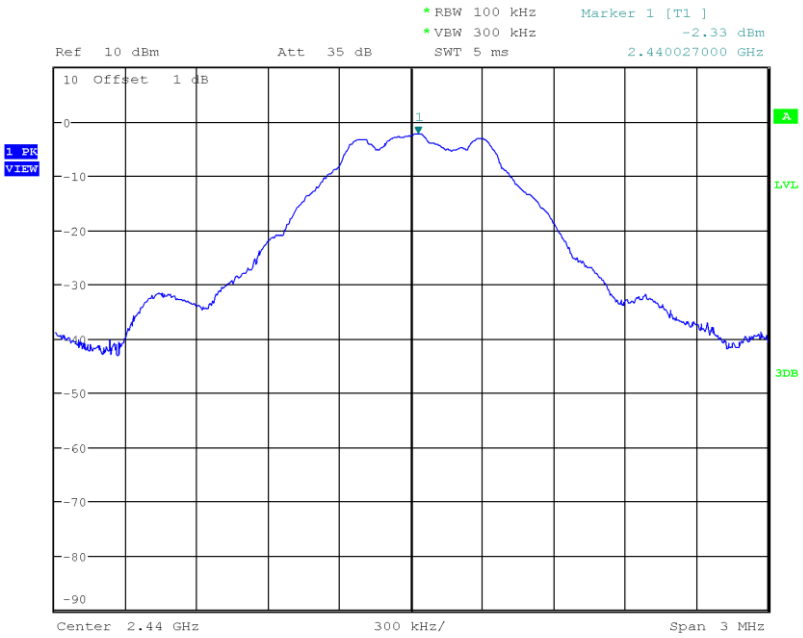
Peak Power Spectral Density

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.10.2
Operational Mode:	GFSK, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Peak Frequency [MHz]:	2402.027
Spectral Density [dBm/RBW]:	-2.180
Resolution Bandwidth [kHz]:	100 kHz



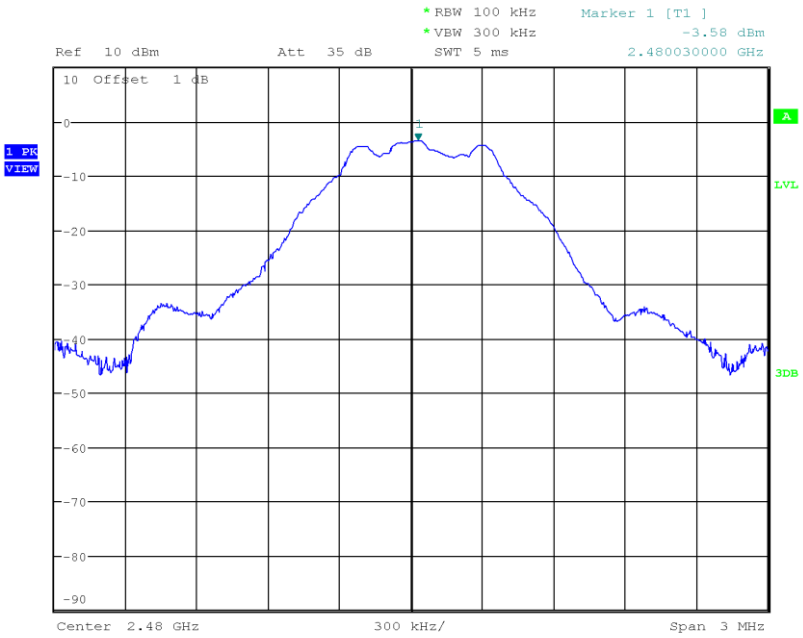
Peak Power Spectral Density

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.10.2
Operational Mode:	GFSK, Channel: 19, 2440 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Peak Frequency [MHz]:	2440.027
Spectral Density [dBm/RBW]:	-2.327
Resolution Bandwidth [kHz]:	100 kHz



Peak Power Spectral Density

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.10.2
Operational Mode:	GFSK, Channel: 39, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Peak Frequency [MHz]:	2480.030
Spectral Density [dBm/RBW]:	-3.577
Resolution Bandwidth [kHz]:	100 kHz



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3.5 Test Conditions and Results - Band-edge compliance

3.5.1 Information

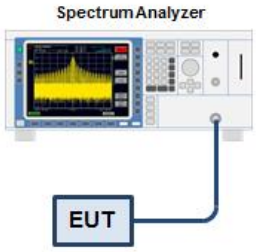
Test Information	
Reference	FCC 15.247(d) / ISED RSS-247 5.5
Measurement Method	ANSI C63.10 11.13
Operator	Sebastian Suckow
Date	2017-10-23

3.5.2 Limits

Limits	
Power Measurement	Out-of-band attenuation [dB]
Peak	20
RMS	30

3.5.3 Setup

Test Setup



3.5.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2017-07	2018-07

3.5.5 Procedure

Test Procedure

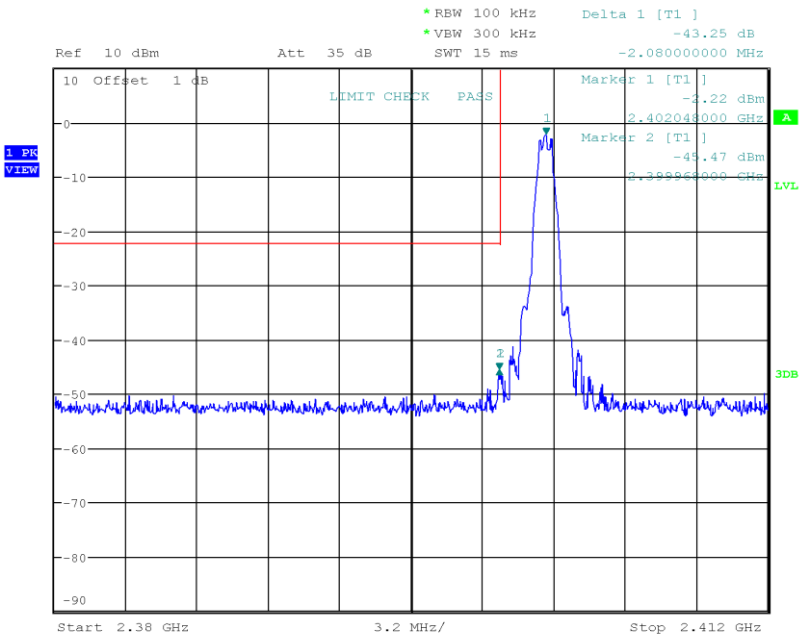
1. EUT set to test mode (Communication tester is used if needed)
2. Span set around lower band edge and detector is set to peak and max hold
3. Resolution bandwidth is set to 100 kHz
4. Markers are set to peak emission levels within frequency band and outside frequency band
5. Band edge attenuation is determined from level difference

3.5.6 Results

Test Results				
Mode	Channel [MHz]	Out-of-band Attenuation [dB]	Limit [dB]	Verdict
GFSK	2402	-43.25	-20	PASS
GFSK	2480	-45.3	-20	PASS

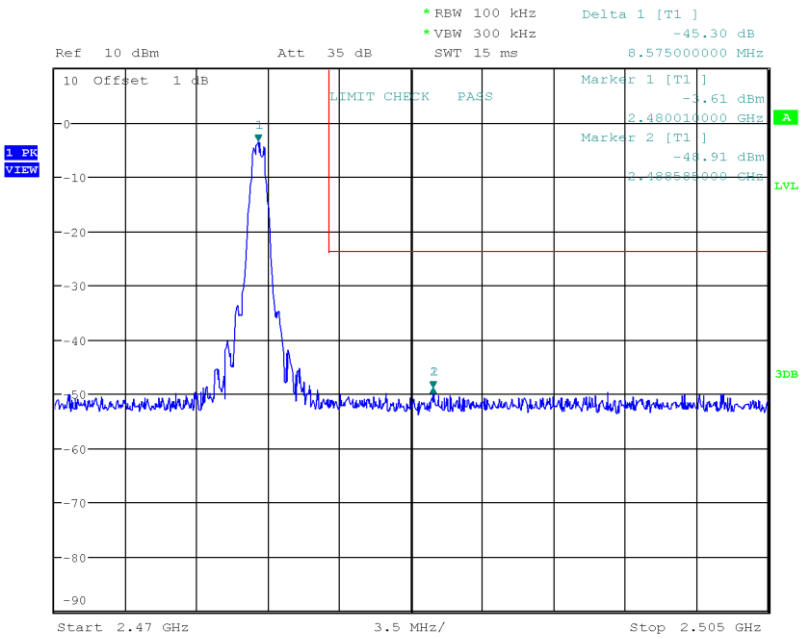
Band-edge Compliance

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.11
Operational Mode:	GFSK, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Band-edge	Lower
In-band Frequency [MHz]:	2402.048
Max. in-band Level [dBm/100 kHz]:	-2.22
Out-of-band Frequency [MHz]:	2399.968
Max. out-of-band Level [dBm/100 kHz]:	-45.473
Attenuation [dB]:	-43.25



Band-edge Compliance

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.11
Operational Mode:	GFSK, Channel: 39, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Band-edge	Upper
In-band Frequency [MHz]:	2480.01
Max. in-band Level [dBm/100 kHz]:	-3.611
Out-of-band Frequency [MHz]:	2488.585
Max. out-of-band Level [dBm/100 kHz]:	-48.907
Attenuation [dB]:	-45.3



3.6 Test Conditions and Results - Conducted spurious emissions

3.6.1 Information

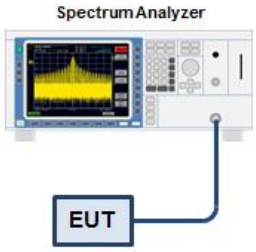
Test Information	
Reference	FCC 15.247(d) / ISED RSS-247 5.5
Measurement Method	ANSI C63.10 11.11
Operator	Sebastian Suckow
Date	2017-10-23

3.6.2 Limits

Limits	
Power Measurement	Out-of-band attenuation [dB]
Peak	20
RMS	30

3.6.3 Setup

Test Setup



3.6.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 26	EF01003	2017-07	2018-07

3.6.5 Procedure

Test Procedure

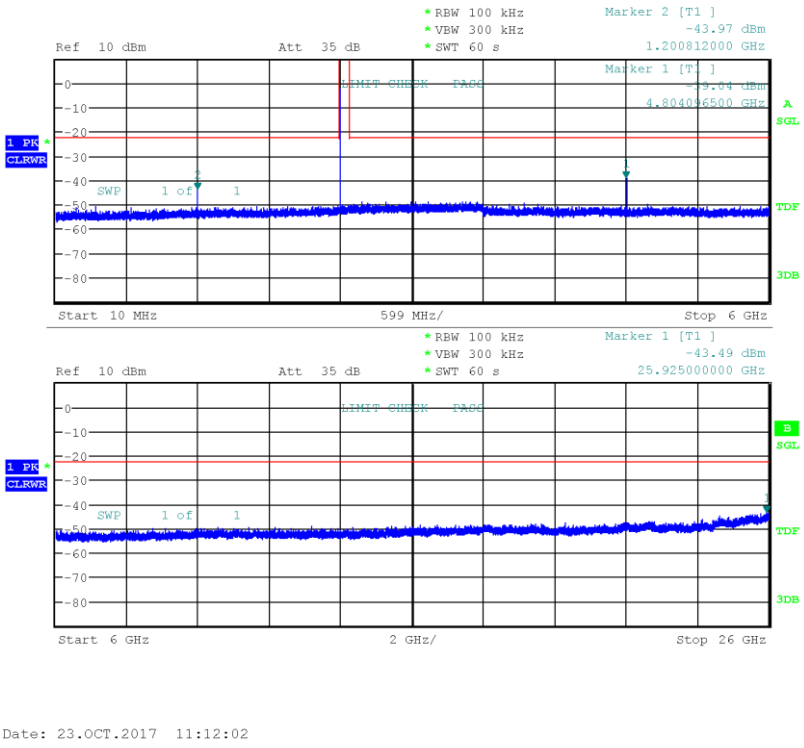
1. EUT set to test mode (Communication tester is used if needed)
2. Span set around lower band edge and detector is set to peak and max hold
3. Resolution bandwidth is set to 100 kHz
4. Markers are set to peak emission levels within frequency band and outside frequency band
5. Band edge attenuation is determined from level difference

3.6.6 Results

Test Results		
Mode	Channel [MHz]	Verdict
GFSK	2402	PASS
GFSK	2440	PASS
GFSK	2480	PASS

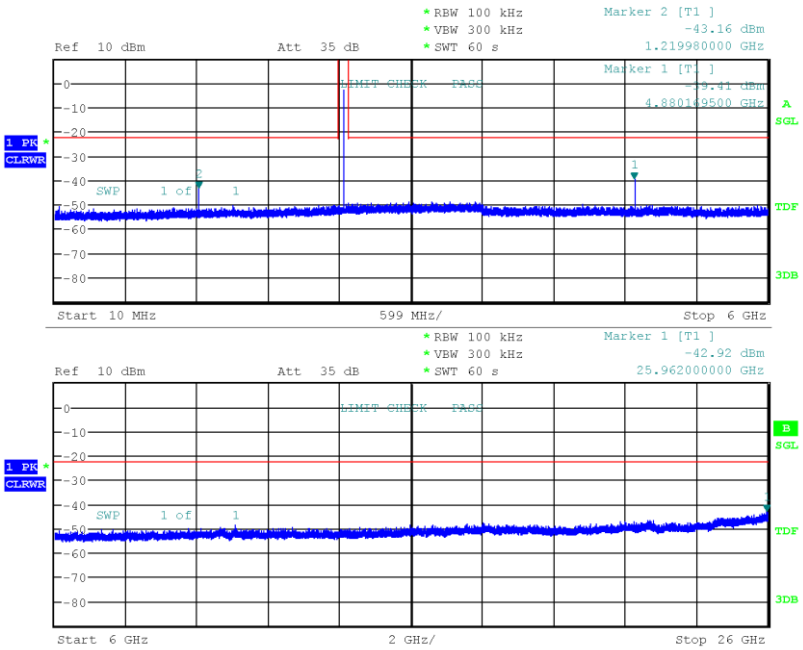
Conducted Spurious Emissions

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.11
Operational Mode:	GFSK, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Max. in-band Frequency [MHz]:	2402.0
Max. in-band Level [dBm/100 kHz]:	-2.5
Out-of-band Limit [dBm/100 kHz]:	-22.5



Conducted Spurious Emissions

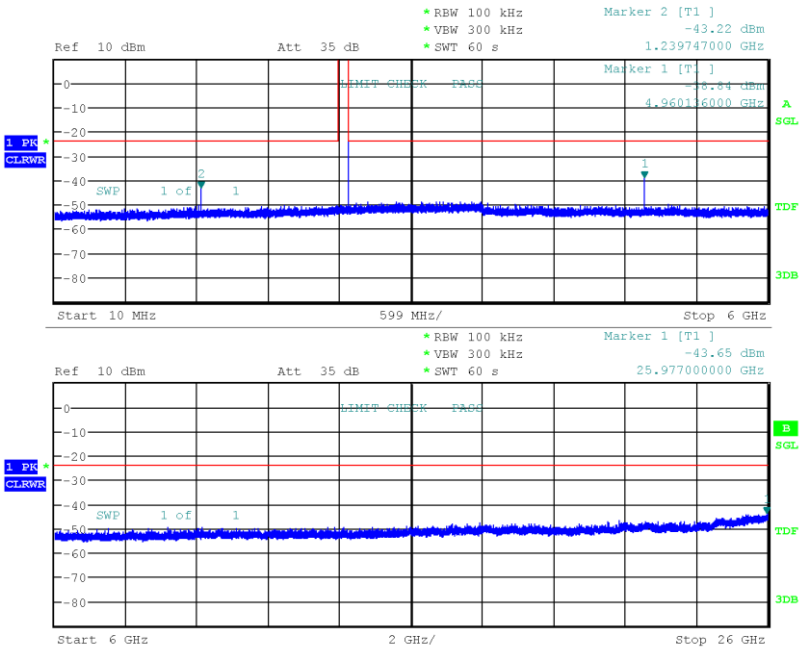
Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.11
Operational Mode:	GFSK, Channel: 19, 2440 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Max. in-band Frequency [MHz]:	2440.0
Max. in-band Level [dBm/100 kHz]:	-2.6
Out-of-band Limit [dBm/100 kHz]:	-22.6



Date: 23.OCT.2017 11:22:32

Conducted Spurious Emissions

Project Number:	G0M-1708-6775
Applicant	Phillips-Medisize A/S
Model Description	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Sample ID:	15245
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 11.11
Operational Mode:	GFSK, Channel: 39, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	S. Suckow
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-23
Max. in-band Frequency [MHz]:	2480.0
Max. in-band Level [dBm/100 kHz]:	-3.8
Out-of-band Limit [dBm/100 kHz]:	-23.8



Date: 23.OCT.2017 11:26:05

3.7 Test Conditions and Results - Transmitter radiated emissions

3.7.1 Information

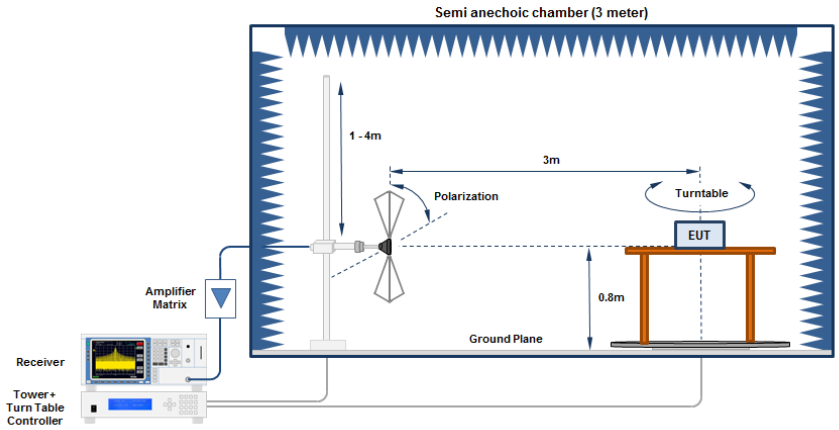
Test Information	
Reference	FCC 15.247(d) / ISED RSS-GEN 8.9
Measurement Method	ANSI C63.10 6.4, 6.5, 6.6, 11.12
Operator	Sebastian Suckow
Date	2017-10-13 – 2017-10-30

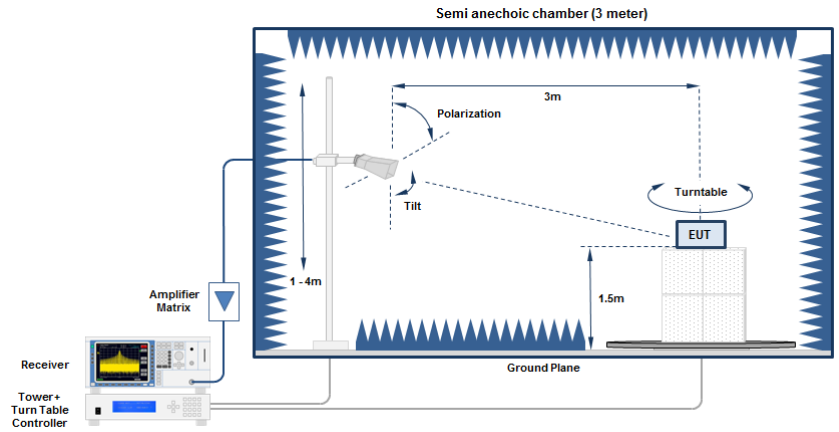
3.7.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [dBµV/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

3.7.3 Setup

Test Setup 30 - 1000 MHz



Test Setup > 1 GHz


3.7.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2017-02	2020-02
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Antenna	R&S	HK 116	EF00030	2016-04	2019-04
Antenna	R&S	HL 223	EF00187	2016-05	2019-05

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2017-02	2020-02
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2017-08	2018-08
Antenna	R&S	BBHA 9120D	EF01153	2017-08	2018-08
Antenna	Amplifier Research	AT4560	EF01152	2017-10	2018-10

3.7.5 Procedure

Test Procedure < 30 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 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

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

3.7.6 Results

Test Results						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2402	4800	49.41	pk	hor	74.00	-24.59
2402	4800	51.26	pk	ver	74.00	-22.74
2440	4880	51.63	pk	hor	74.00	-22.37
2440	4881	49.06	avg	ver	54.00	-04.94
2480	4960	51.74	pk	ver	74.00	-22.26
2480	4961	49.60	avg	hor	54.00	-04.40

3.8 Test Conditions and Results - Receiver radiated emissions

3.8.1 Information

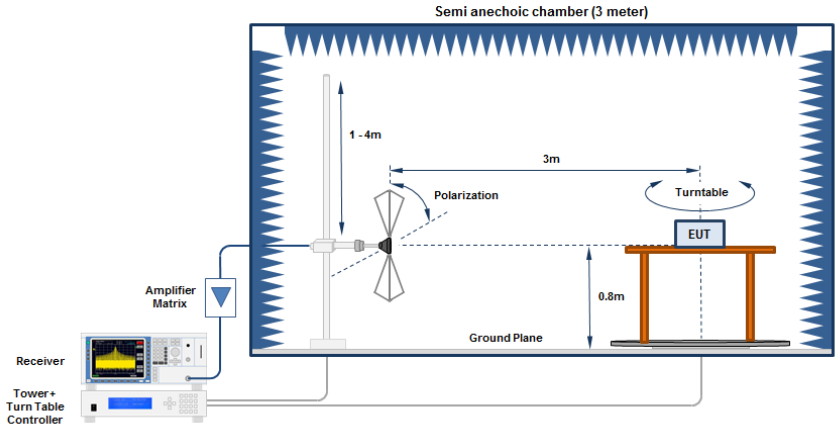
Test Information	
Reference	ISED RSS-247 3.1
Measurement Method	ANSI C63.10 6.5, 6.6, 11.12
Operator	Sebastian Suckow
Date	2017-10-13 – 2017-10-30

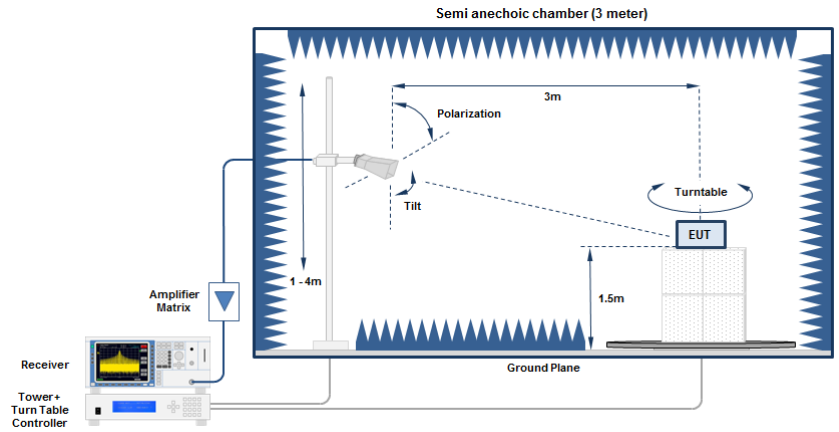
3.8.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [dBµV/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

3.8.3 Setup

Test Setup 30 - 1000 MHz



Test Setup > 1 GHz


3.8.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2017-02	2020-02
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2017-08	2018-08
Antenna	R&S	HK 116	EF00030	2016-04	2019-04
Antenna	R&S	HL 223	EF00187	2016-05	2019-05

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2017-02	2020-02
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2017-08	2018-08
Antenna	R&S	BBHA 9120D	EF01153	2017-08	2018-08
Antenna	Amplifier Research	AT4560	EF01152	2017-10	2018-10

3.8.5 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

3.8.6 Results

Test Results						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2440	7968	50.96	pk	hor	53.98	-03.02

ANNEX A Transmitter spurious emissions

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-30
Note:	MA 276 TT 0

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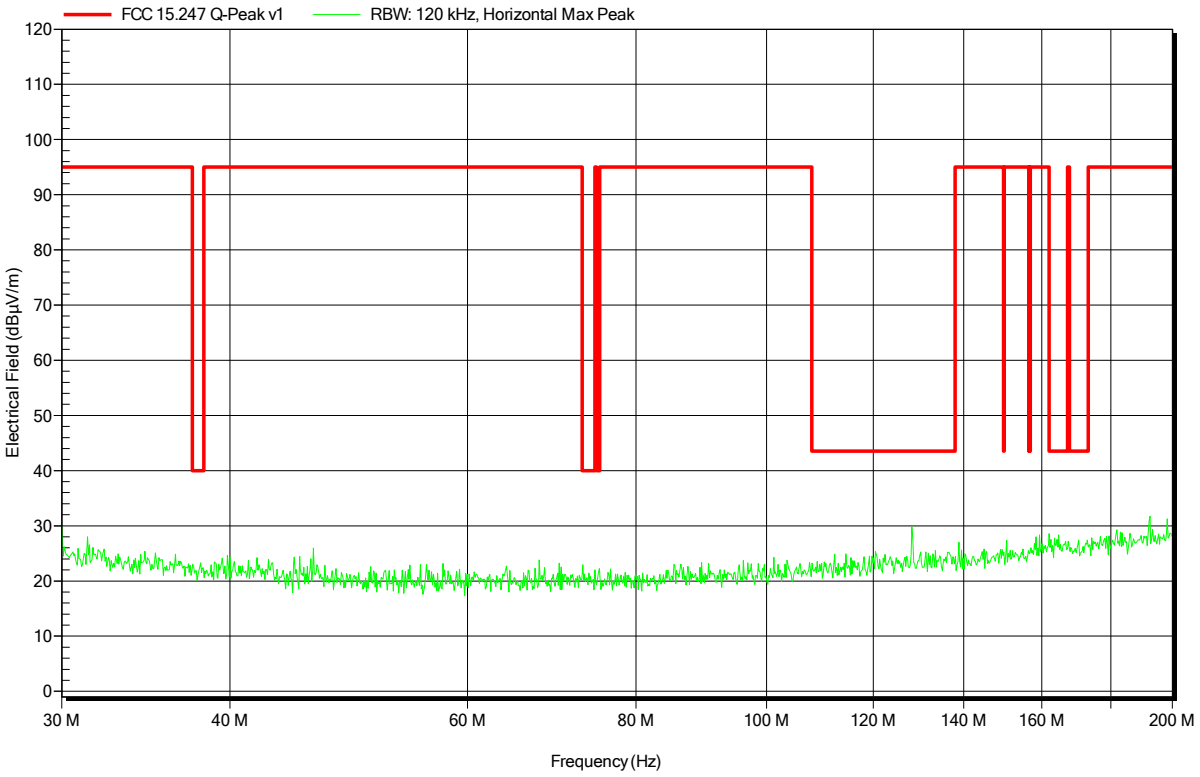

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-30
Note:	

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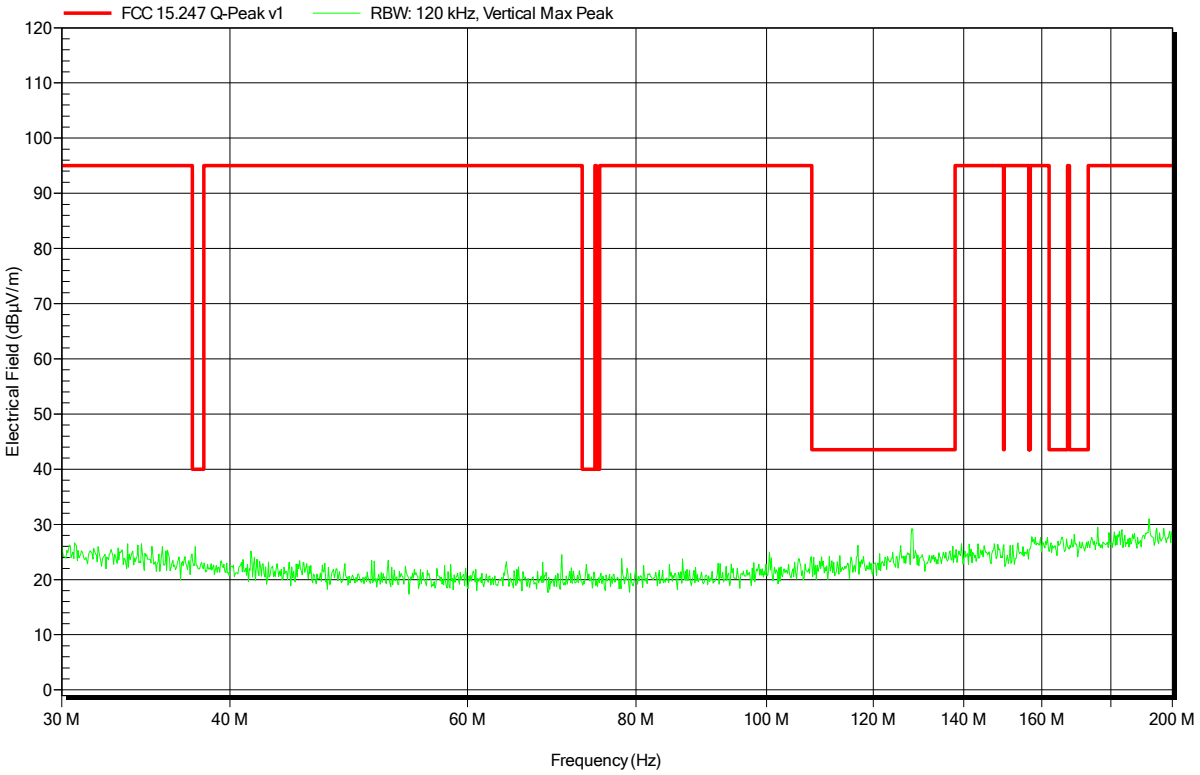

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-30
Note:	

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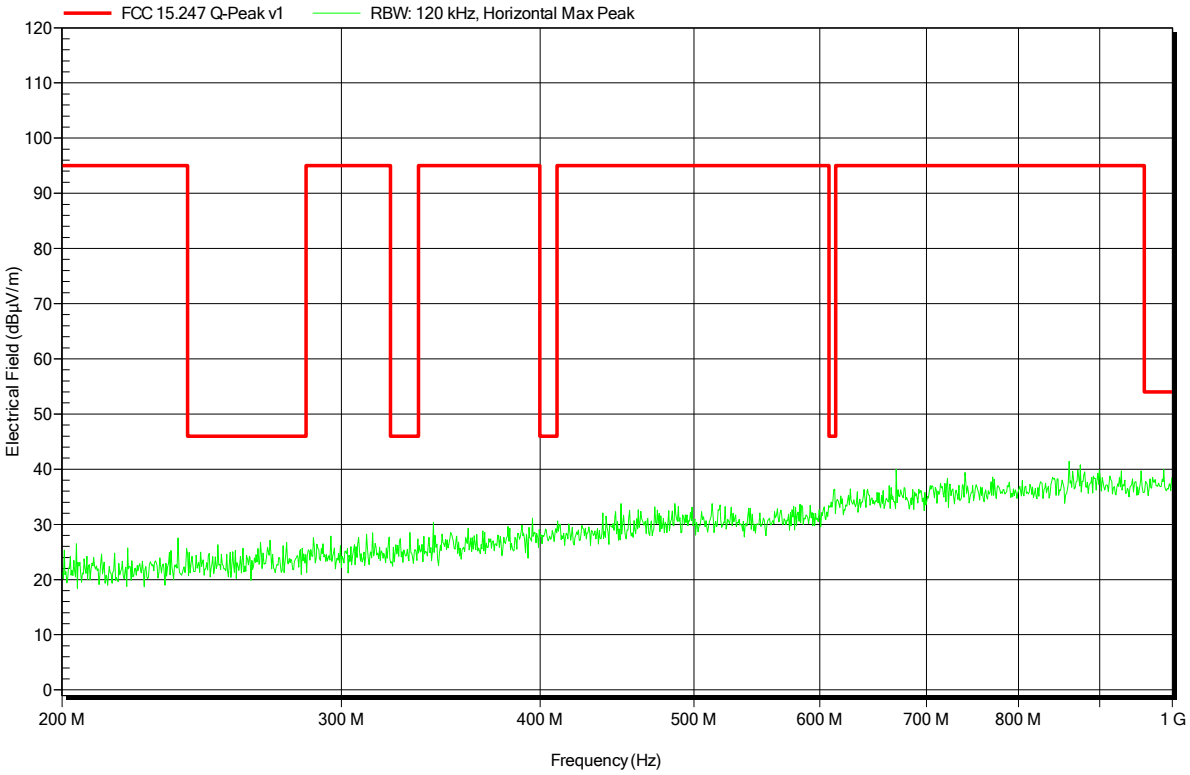

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-30
Note:	

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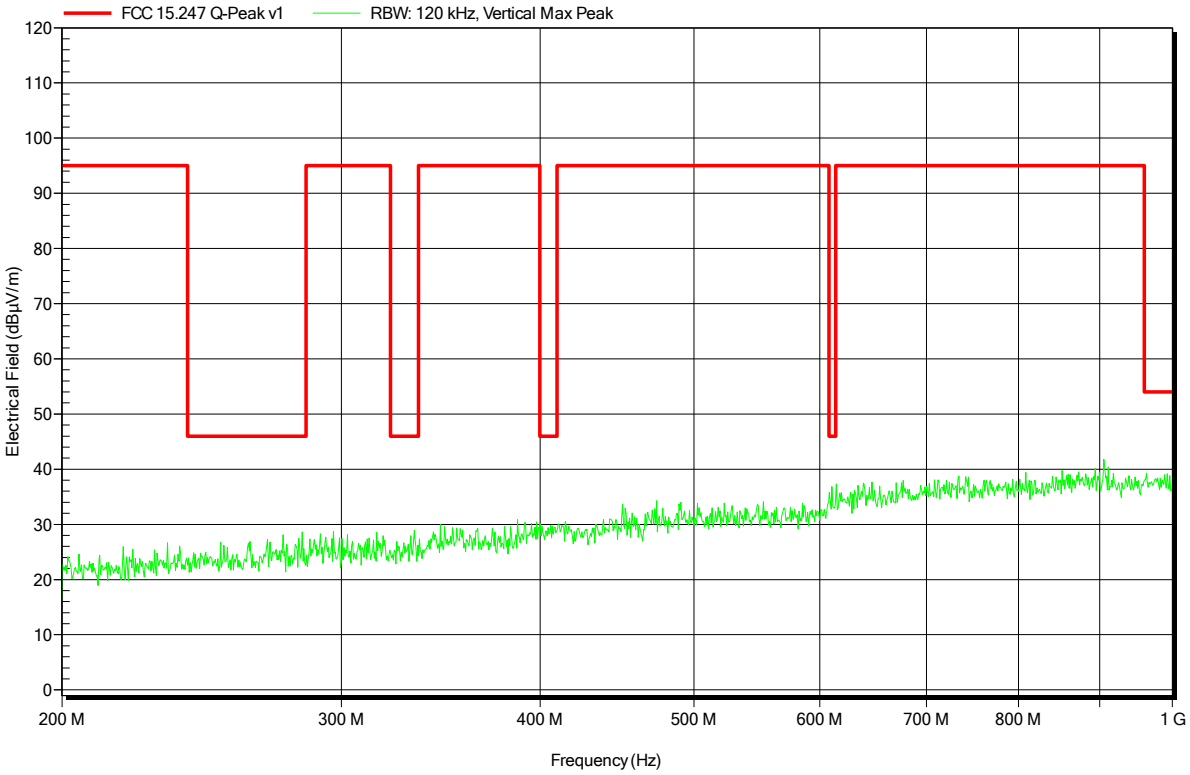
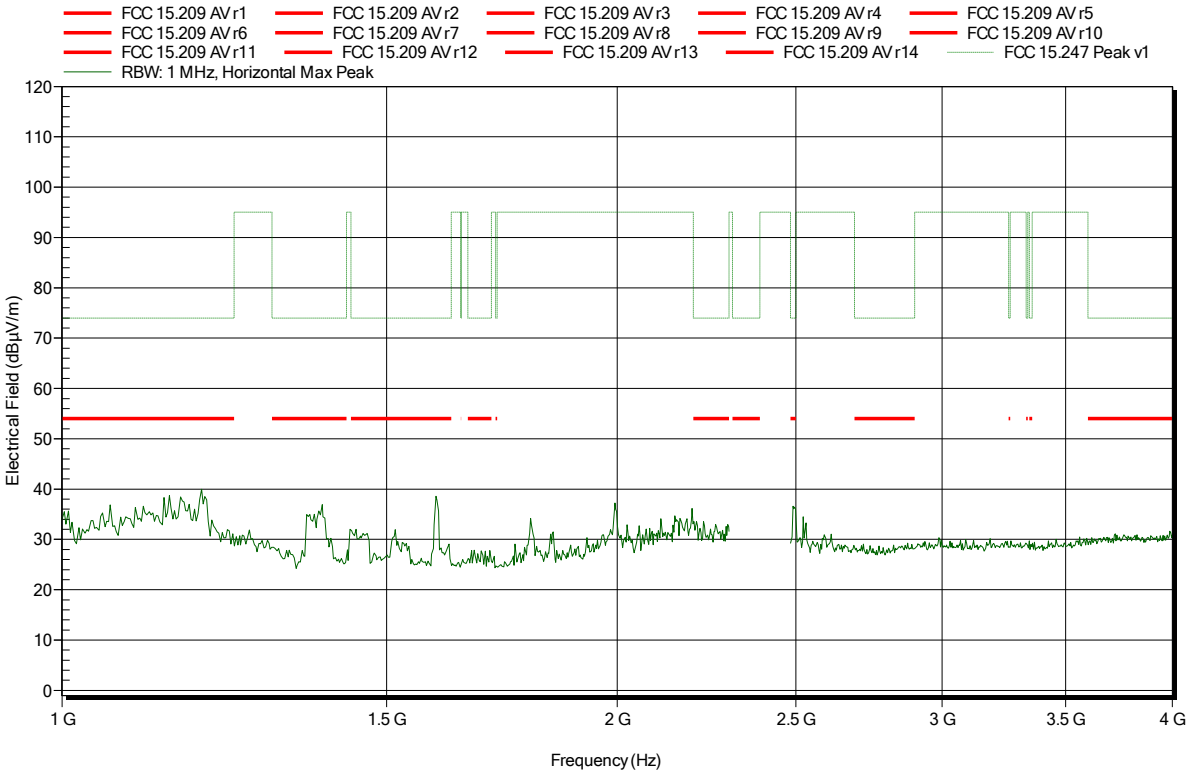


Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-13
Note:	

Index 2



Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-13
Note:	

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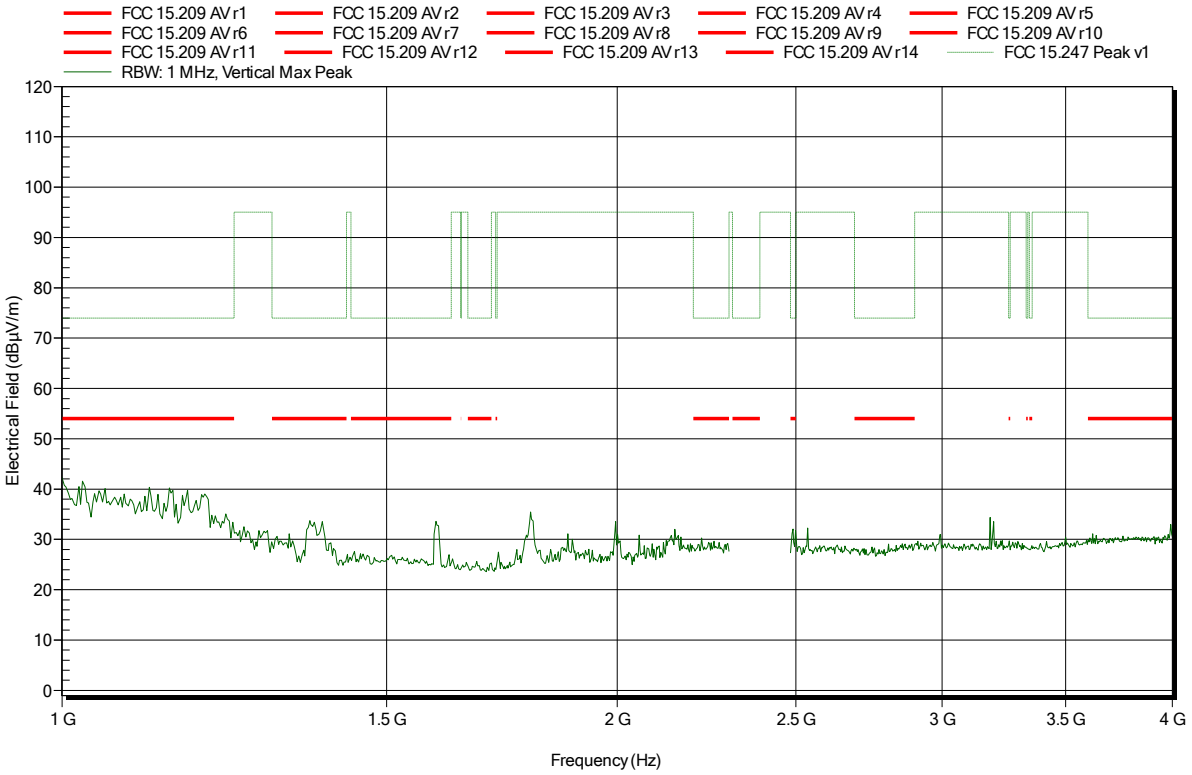
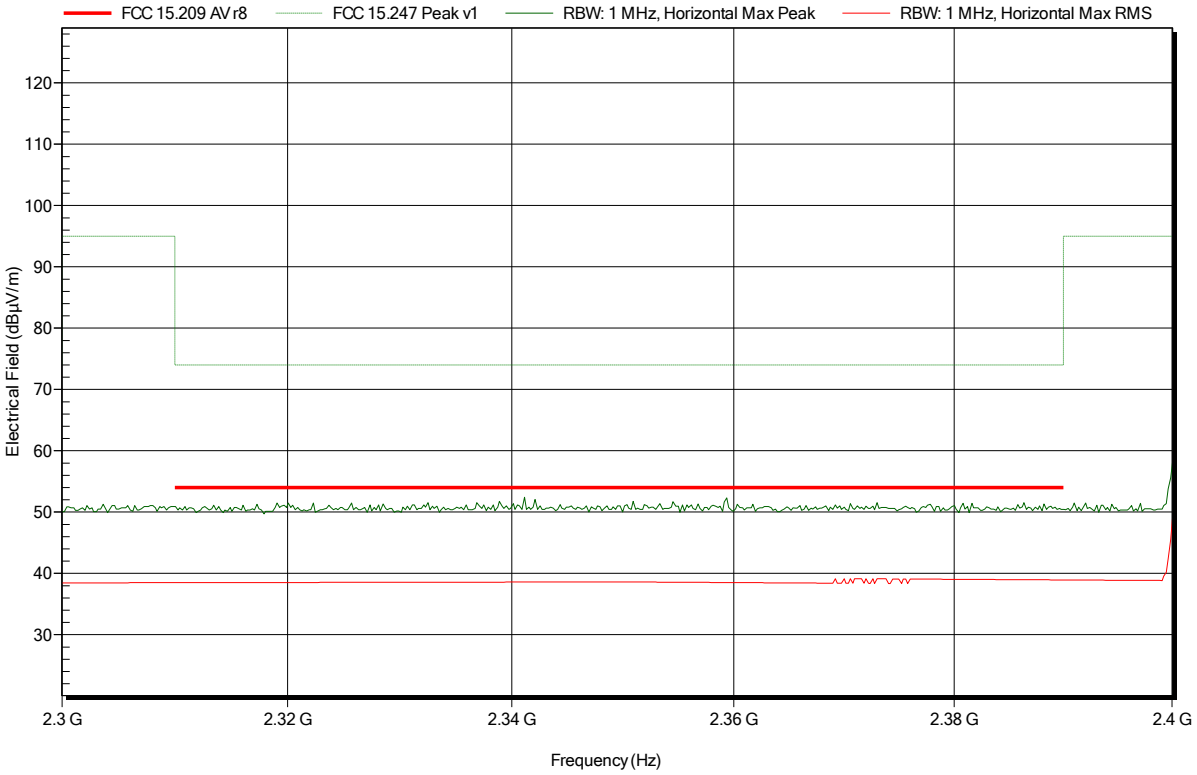


Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-13
Note:	lower bandedge

Index 4



Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-13
Note:	lower bandedge

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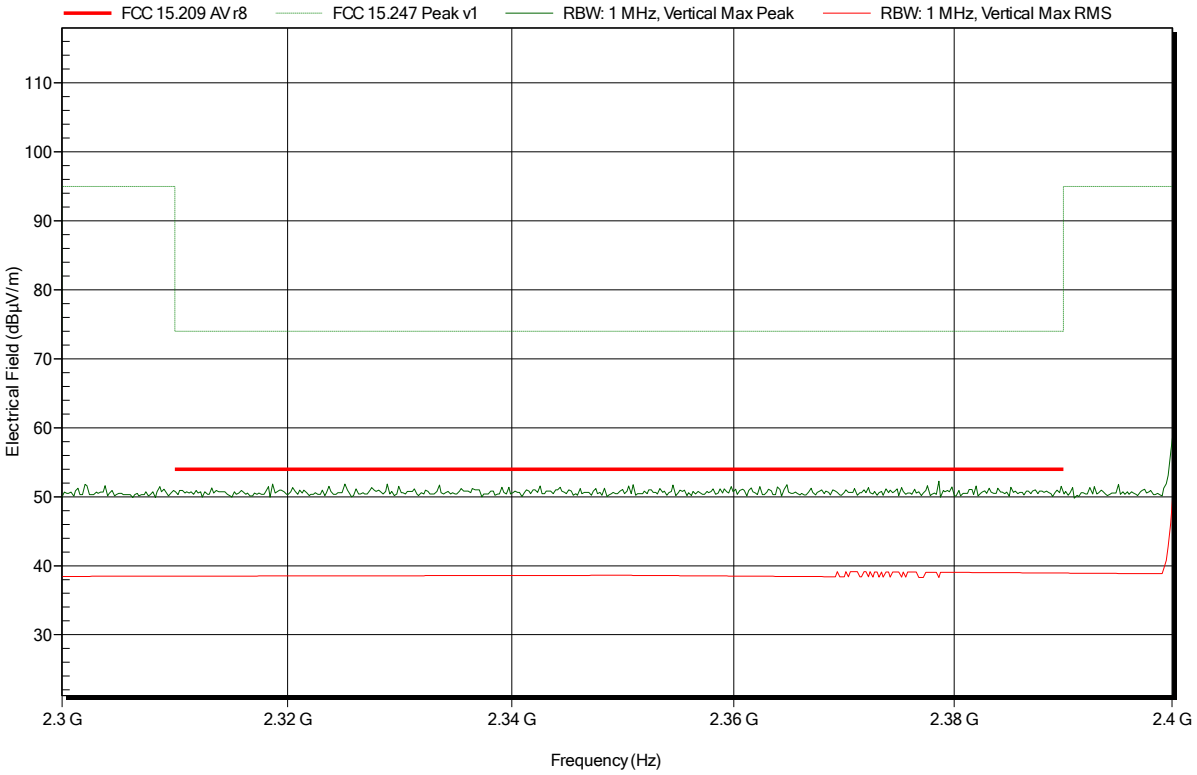
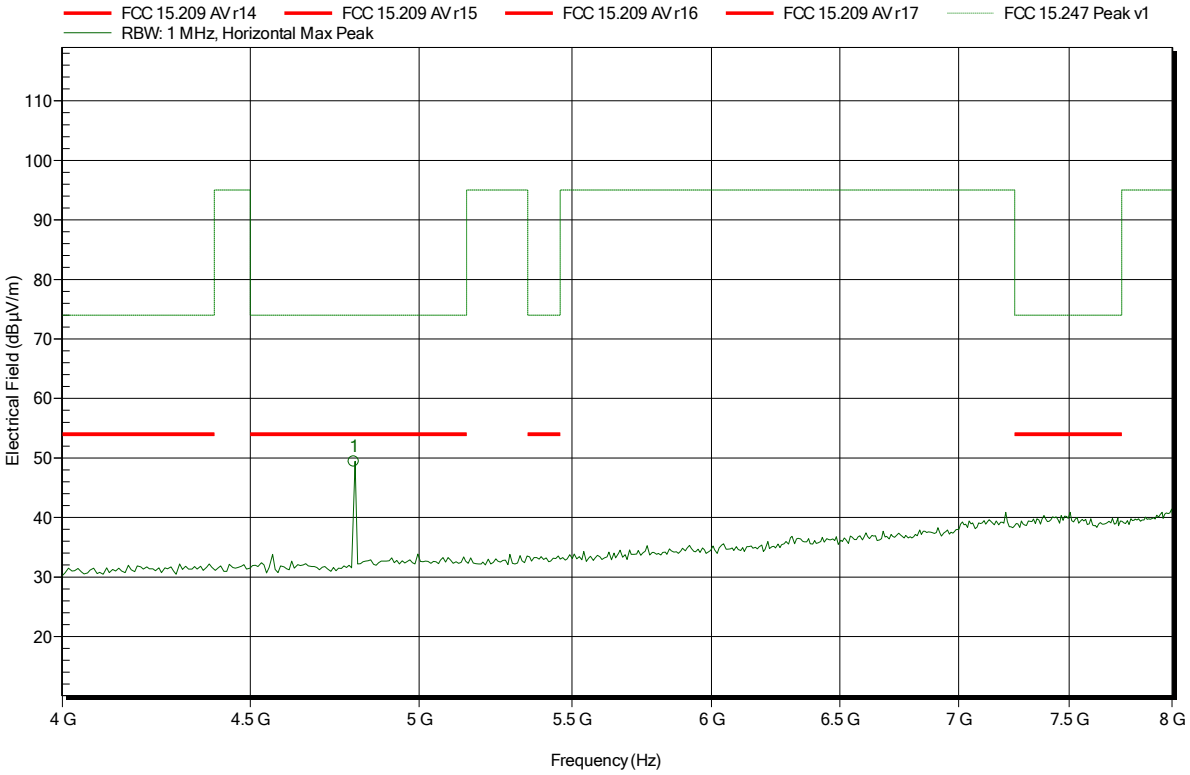


Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-13
Note:	

Index 5



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.8 GHz	49.41 dBµV/m	74 dBµV/m	-24.59 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-13
Note:	

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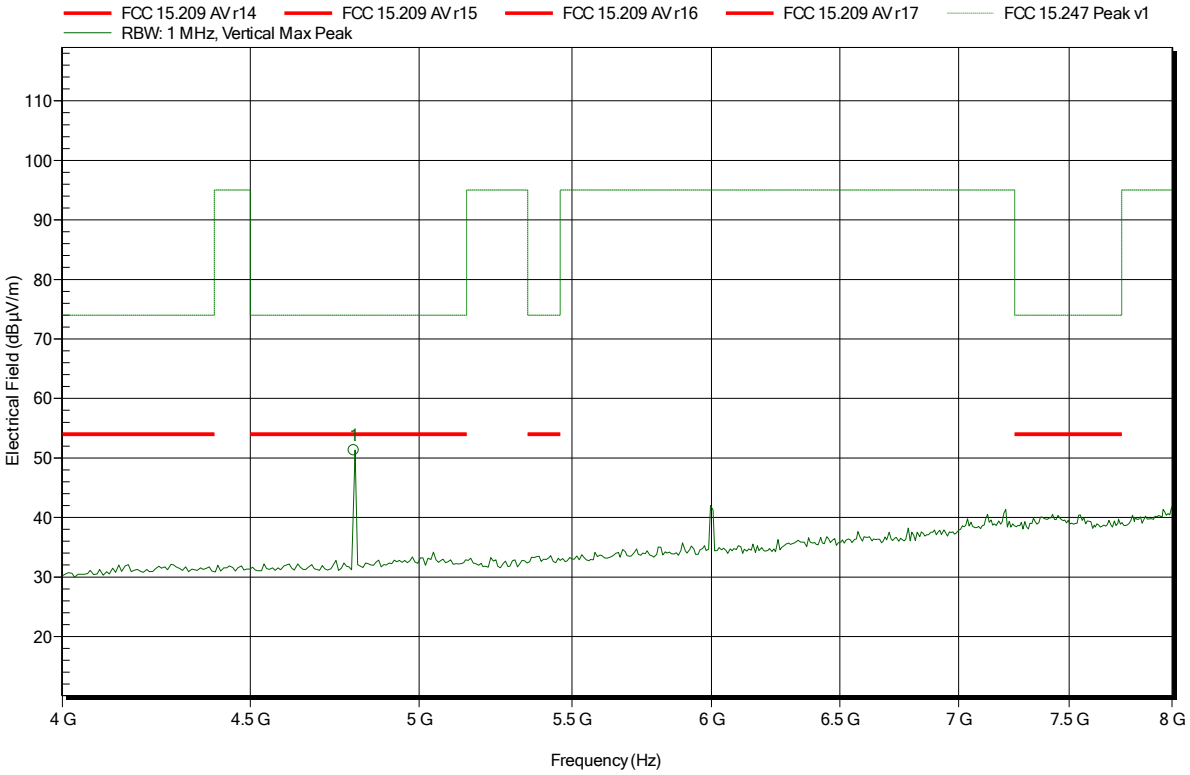

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.8 GHz	51.26 dBµV/m	74 dBµV/m	-22.74 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-13
Note:	

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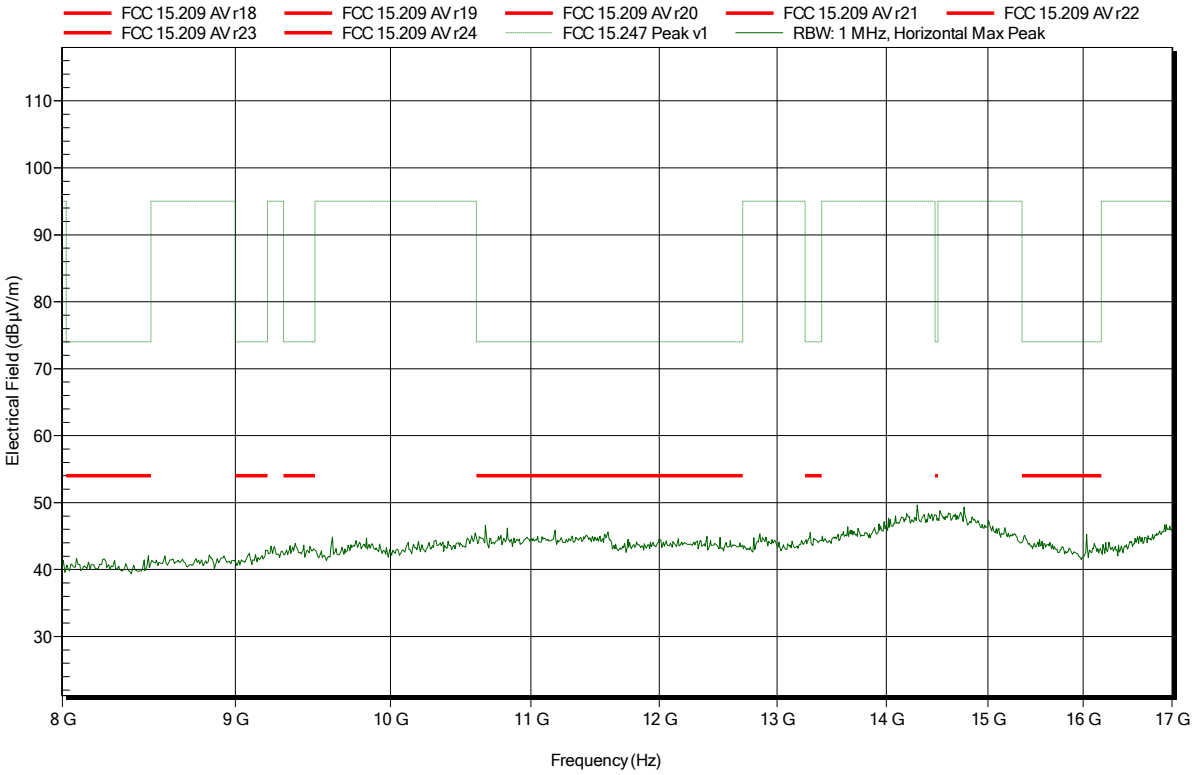

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-13
Note:	

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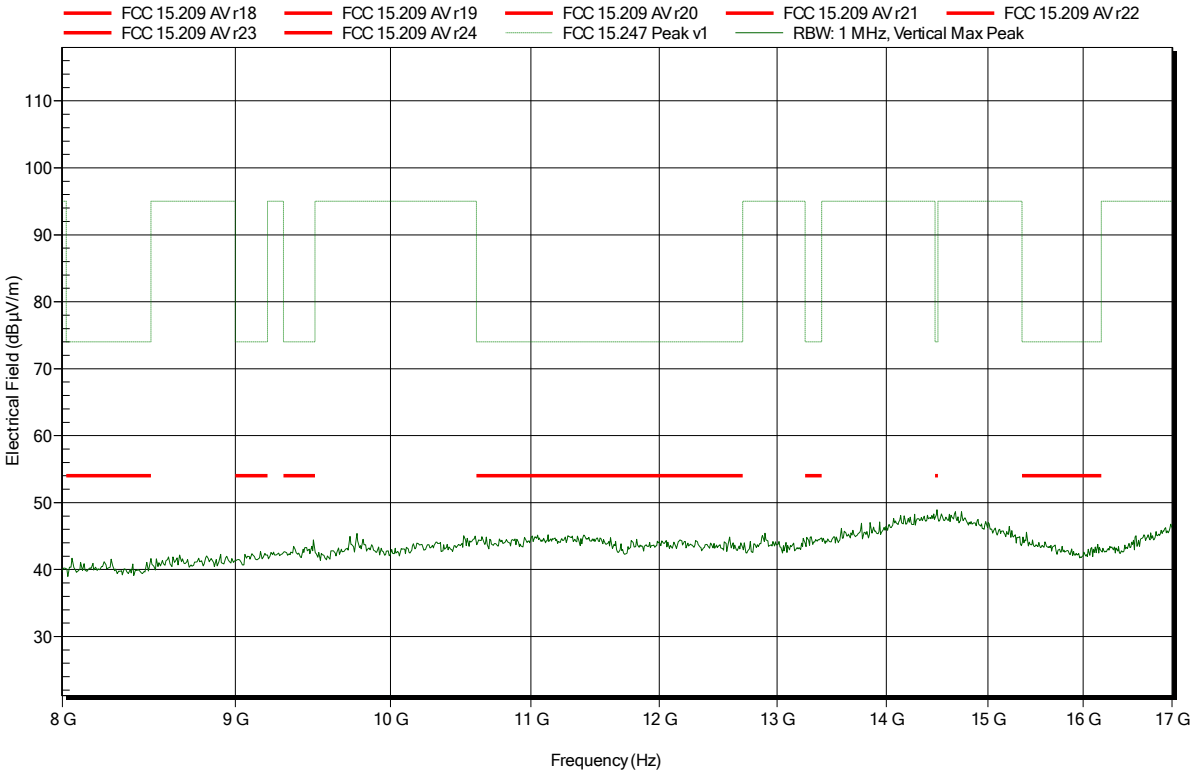

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Amplifier Research AT 4560, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-16
Note:	

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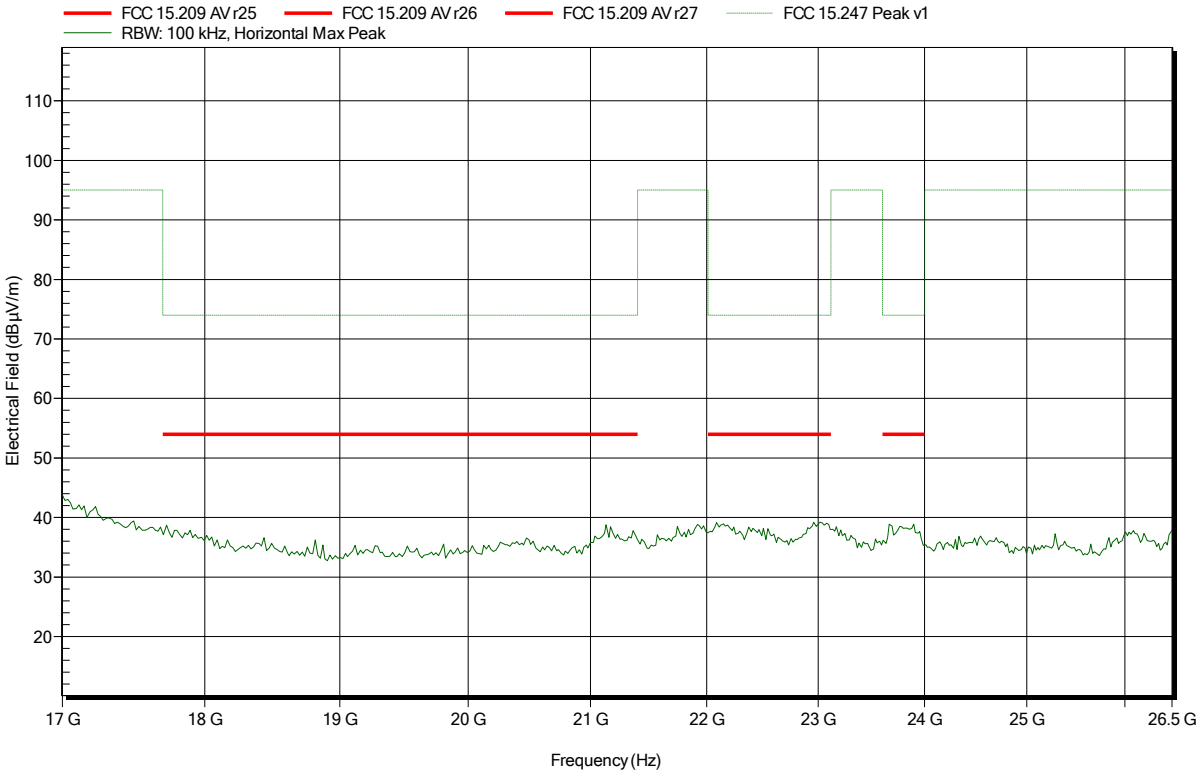

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Amplifier Research AT 4560, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2402 MHz
Test Date:	2017-10-16
Note:	

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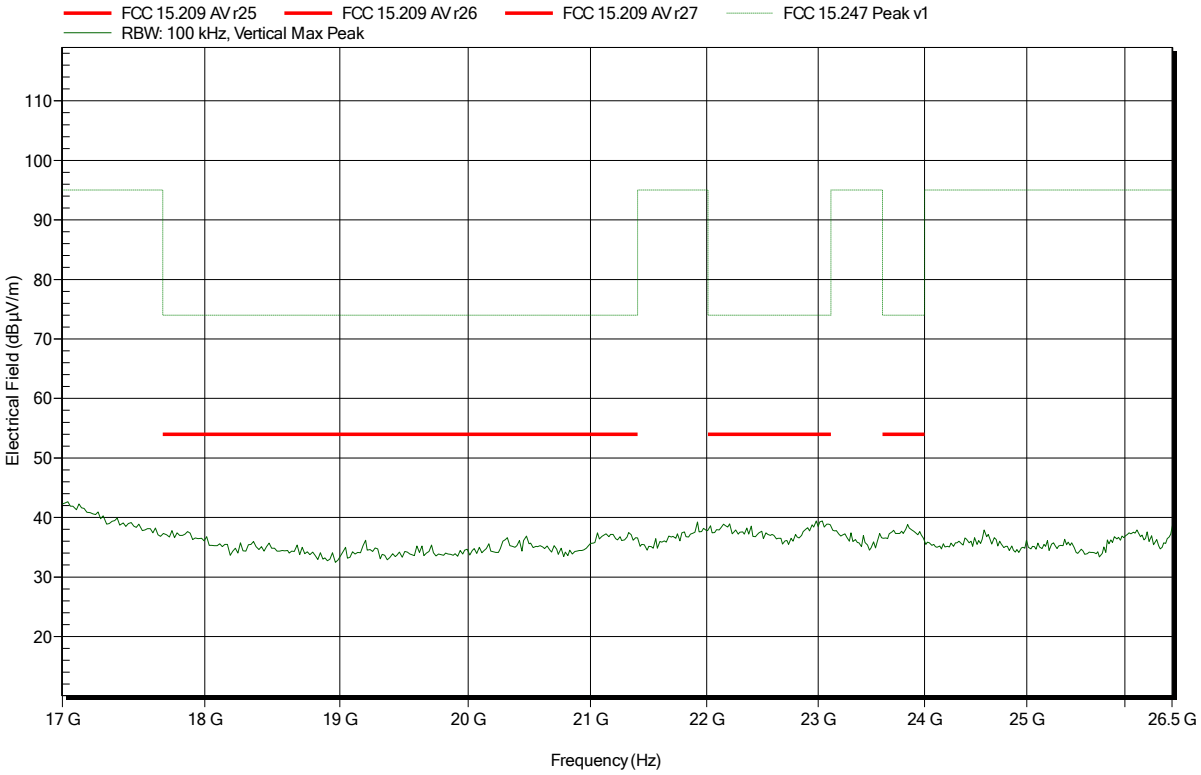

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-30
Note:	MA 206 TT 0

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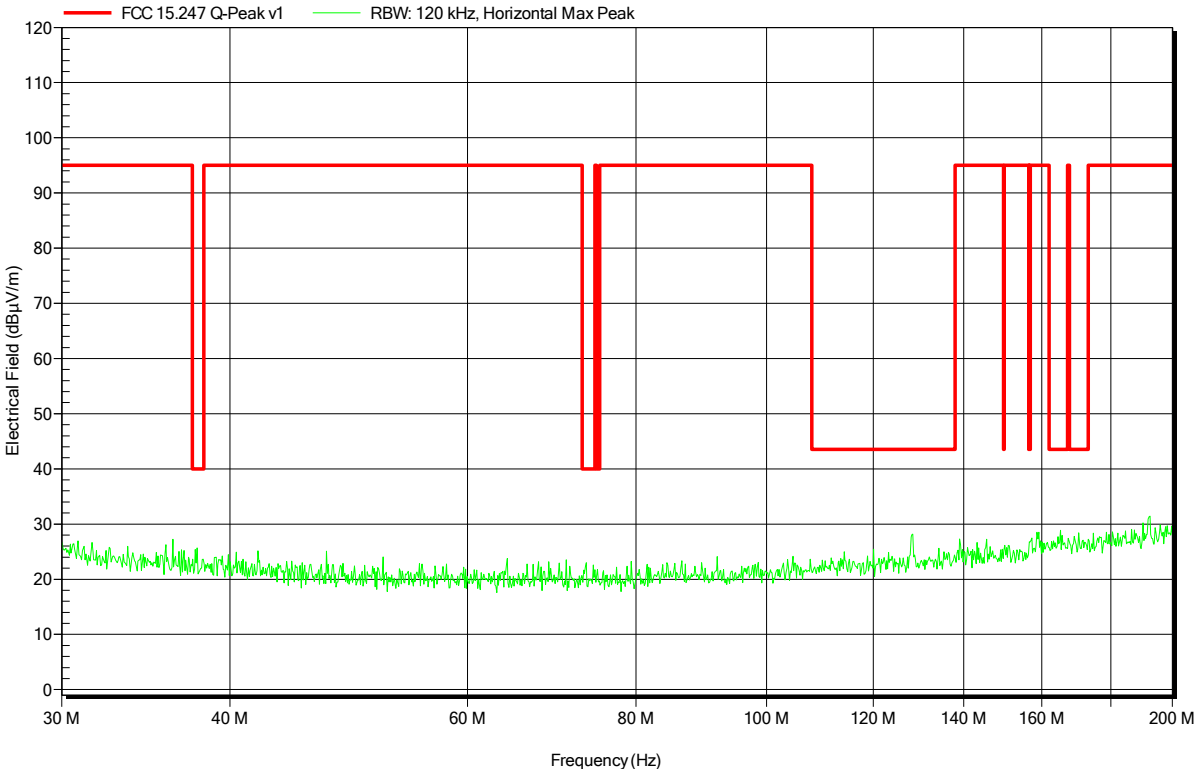

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-30
Note:	

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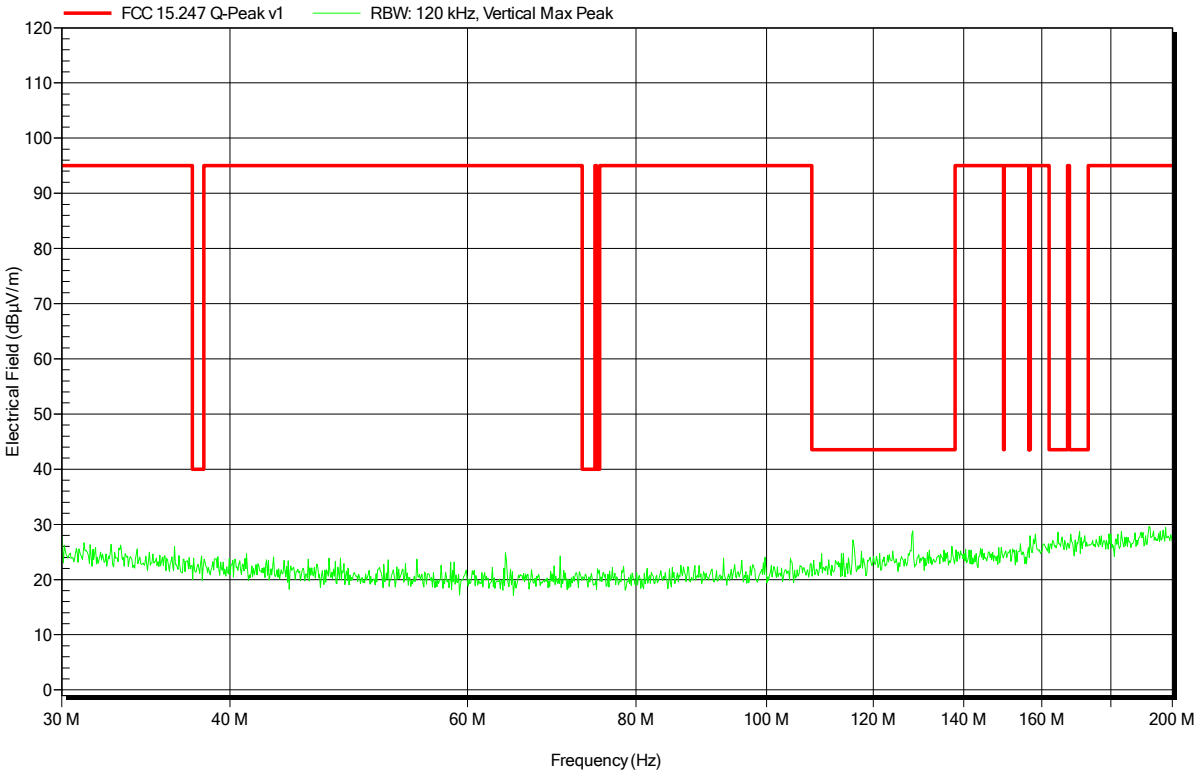

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-30
Note:	

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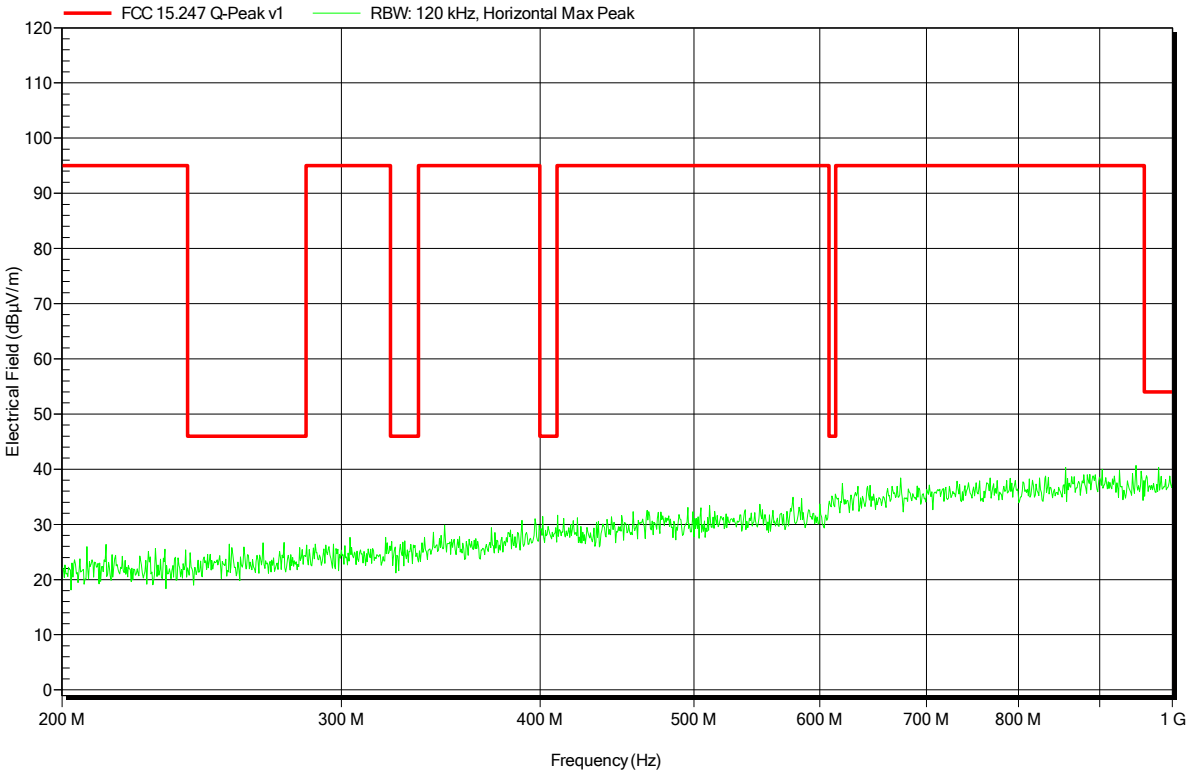

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-30
Note:	

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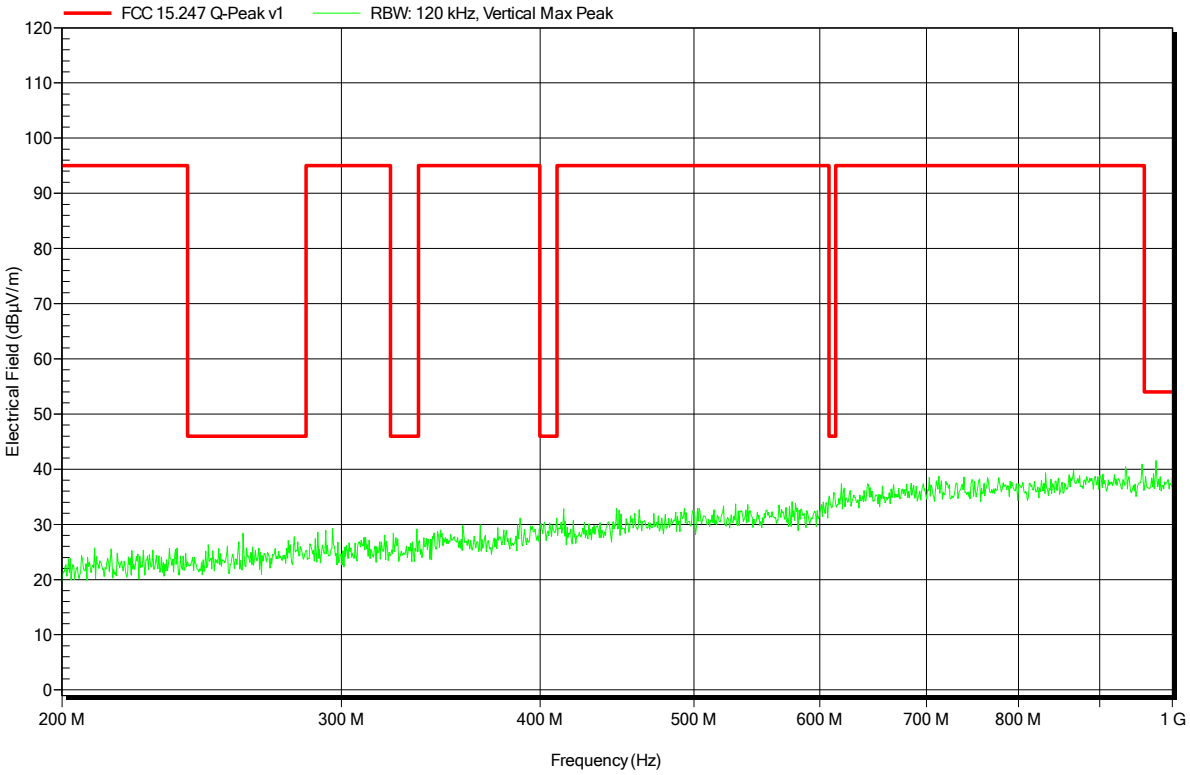

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-13
Note:	

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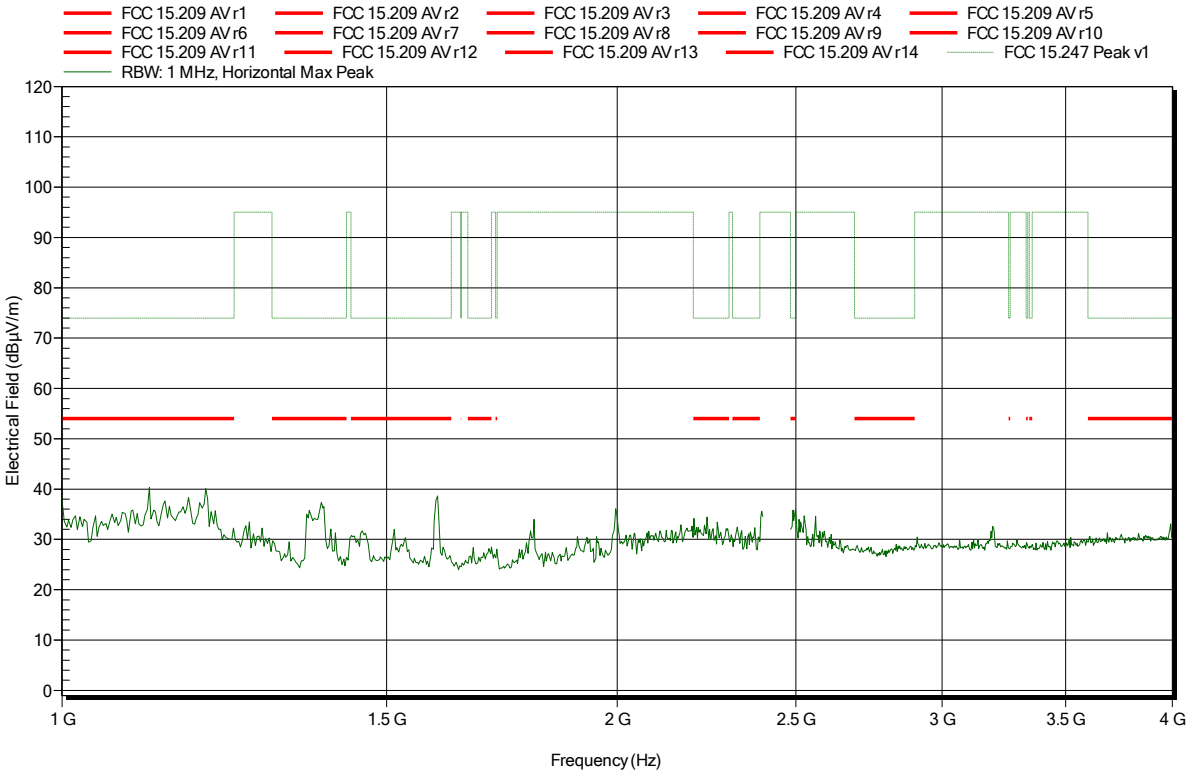

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-13
Note:	

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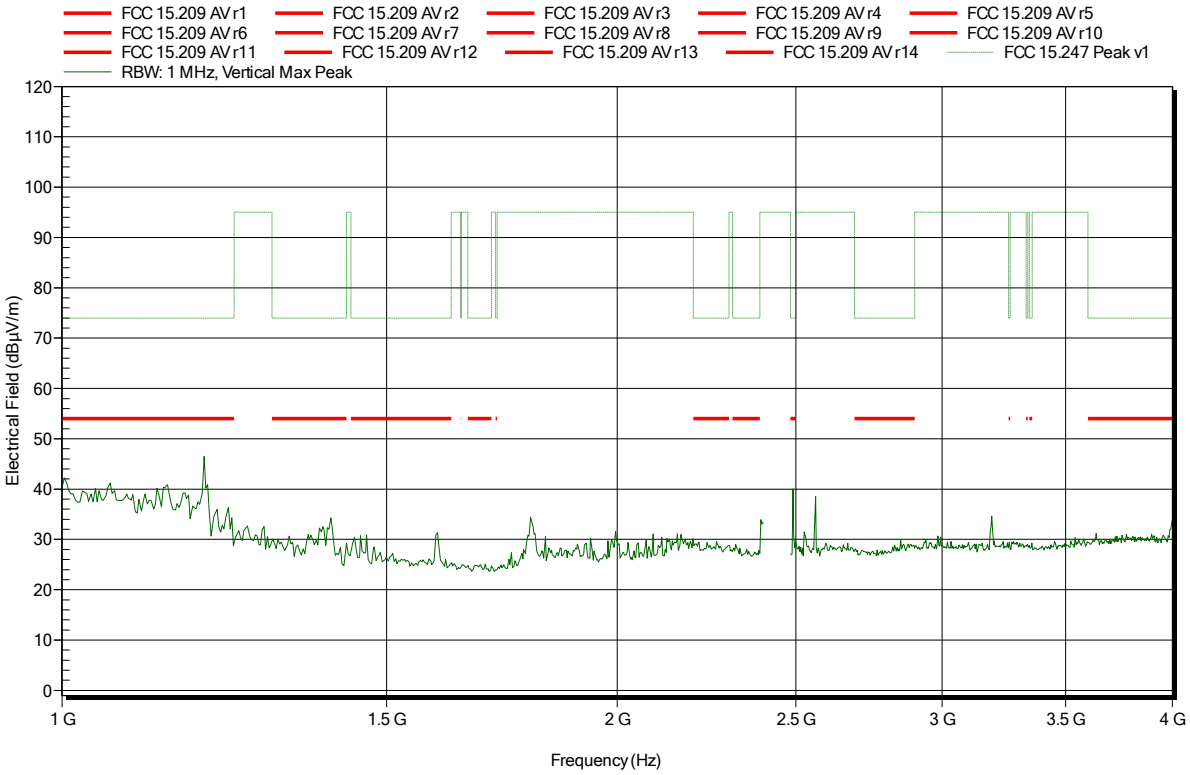

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-13
Note:	

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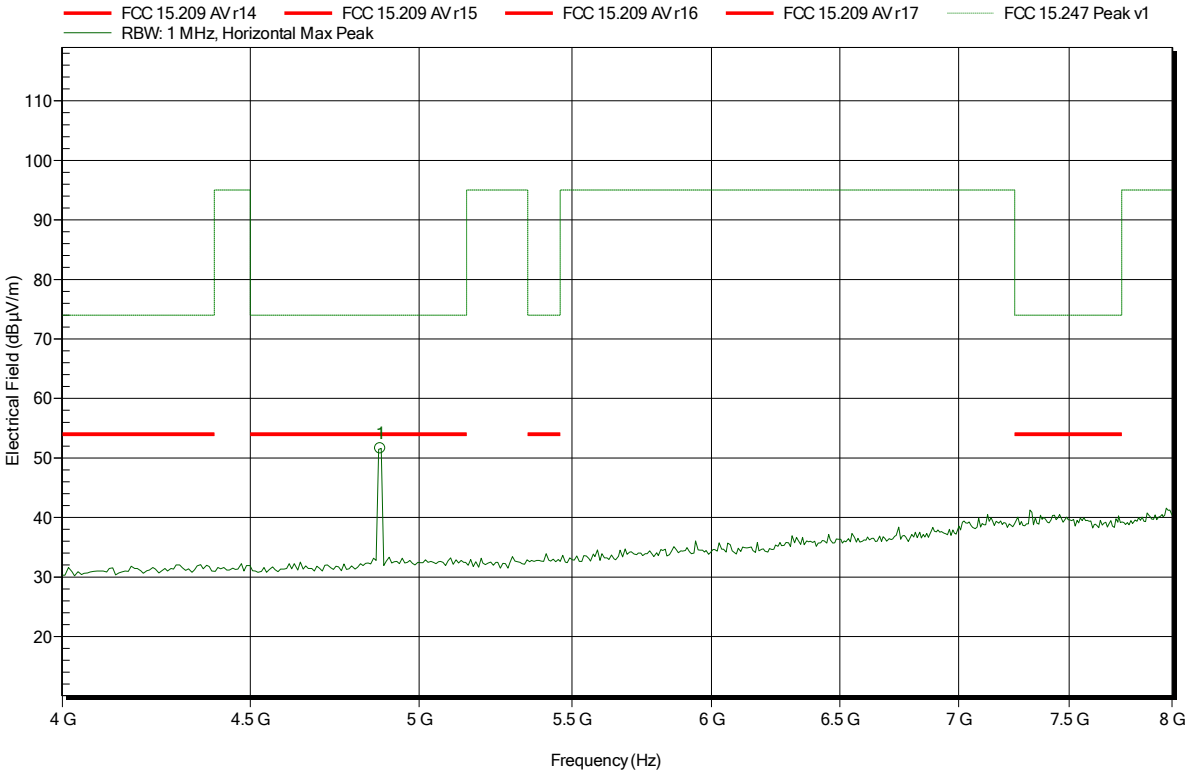

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.88 GHz	51.63 dBµV/m	74 dBµV/m	-22.37 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-13
Note:	

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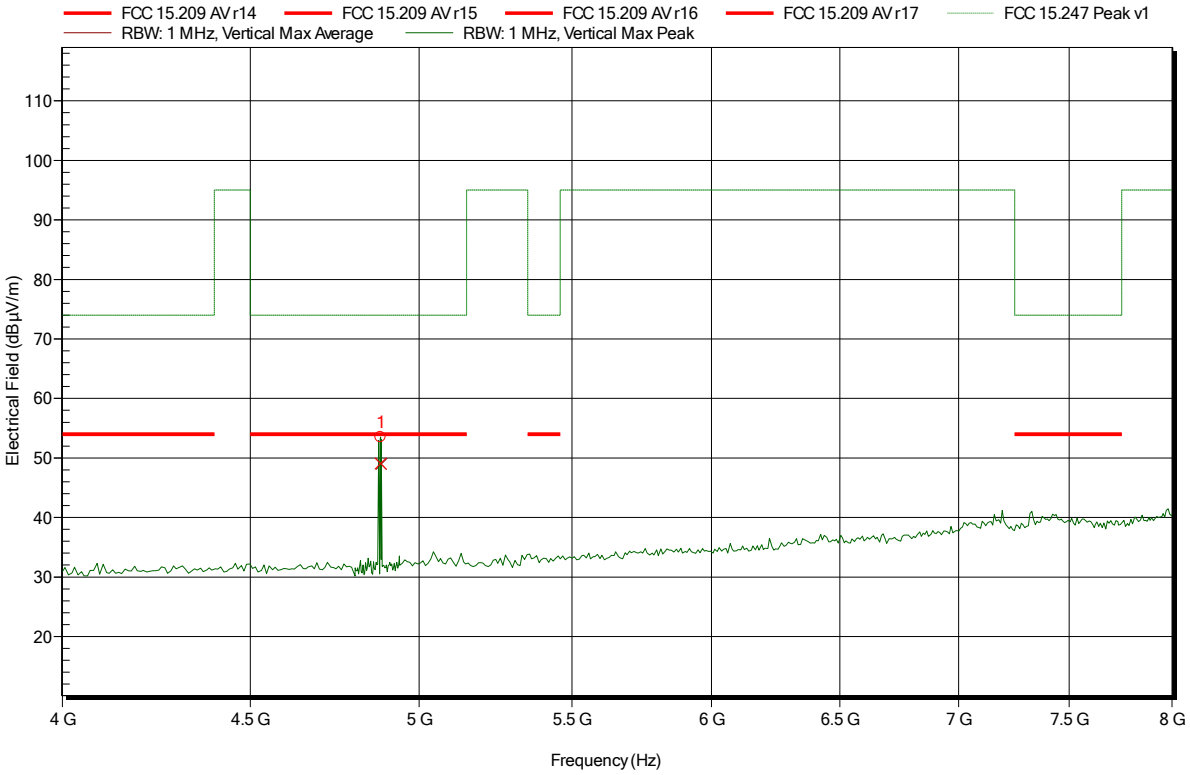

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.881 GHz	53.5 dBµV/m	74 dBµV/m	-20.5 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
4.881 GHz	49.06 dBµV/m	54 dBµV/m	-4.94 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-13
Note:	

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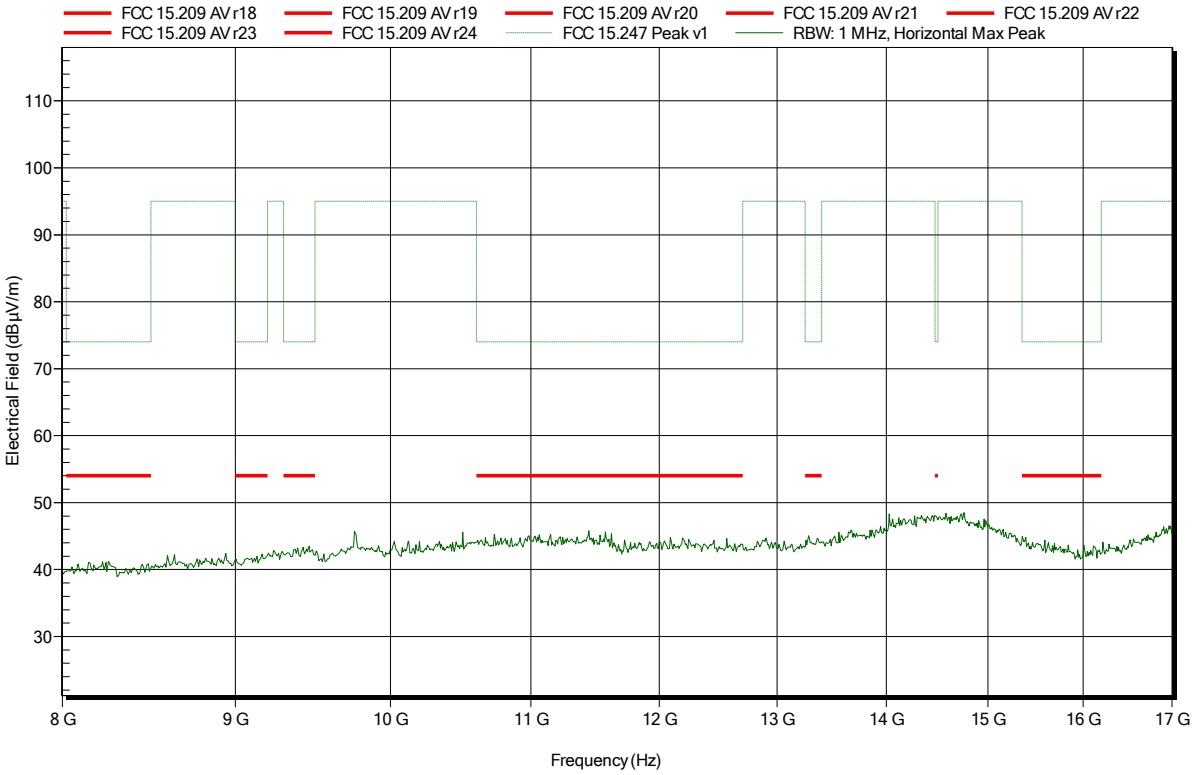

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-13
Note:	

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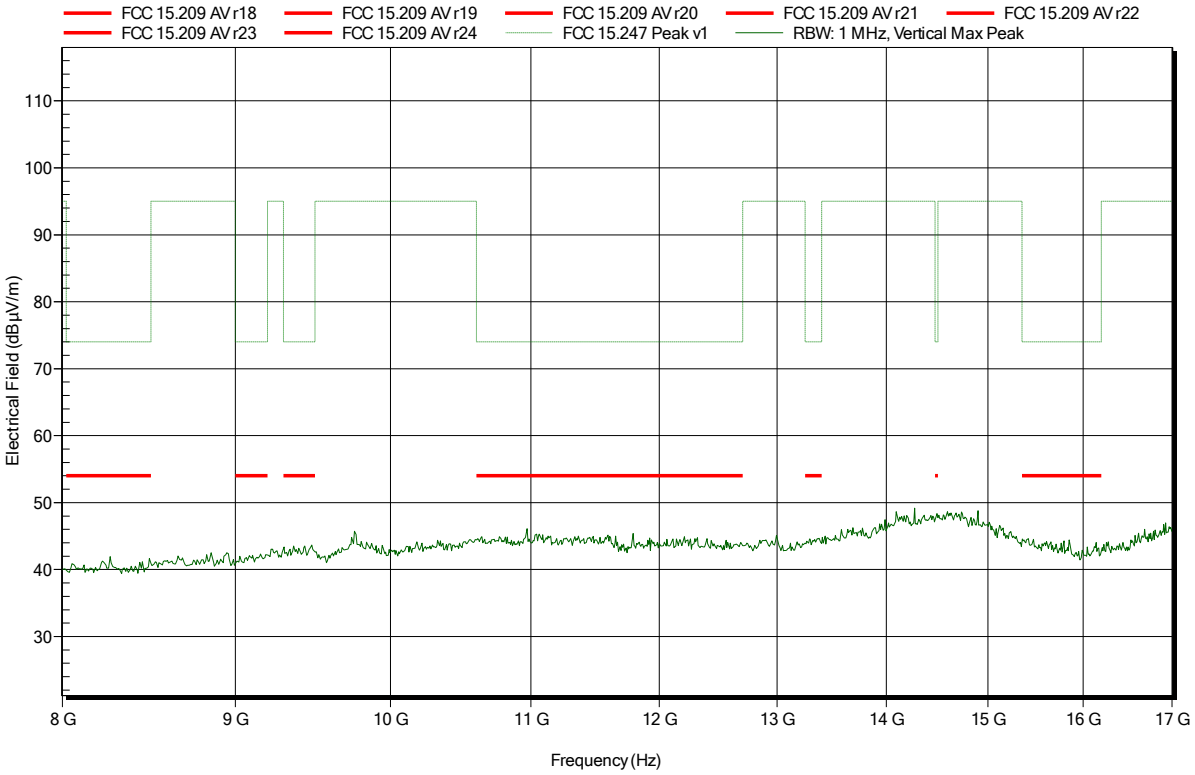

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Amplifier Research AT 4560, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-16
Note:	

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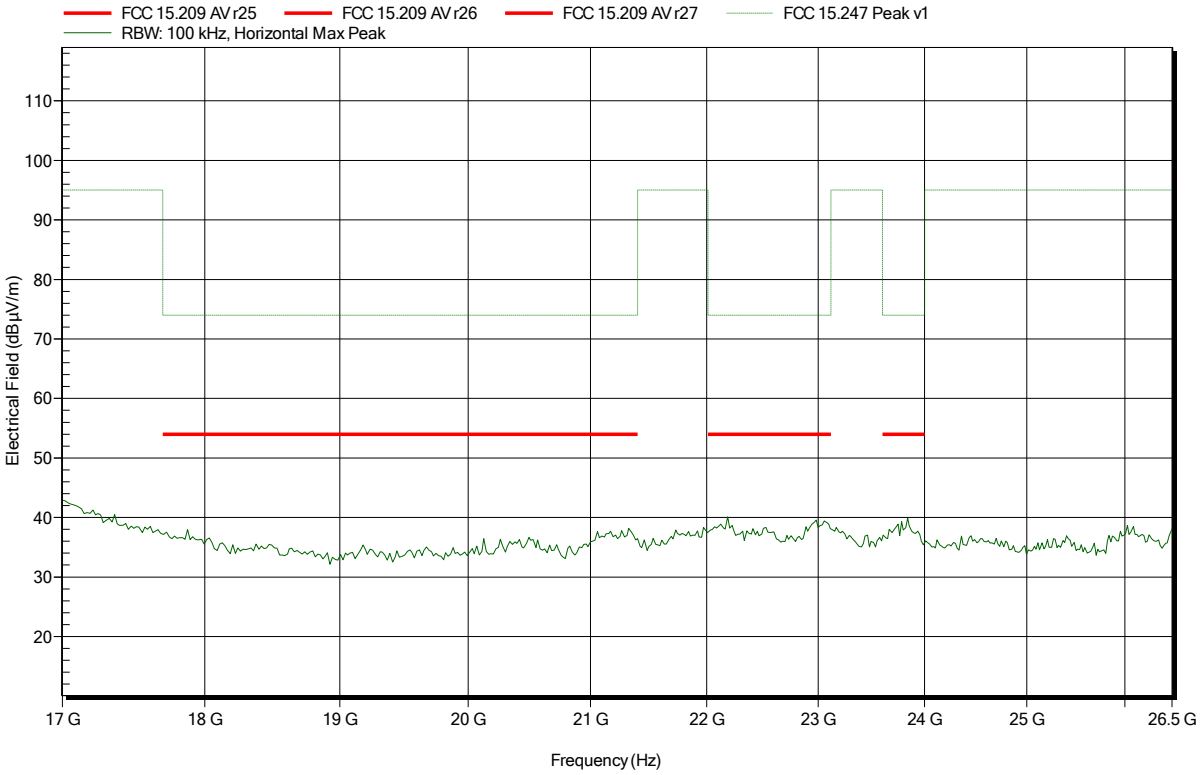

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Amplifier Research AT 4560, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2440 MHz
Test Date:	2017-10-16
Note:	

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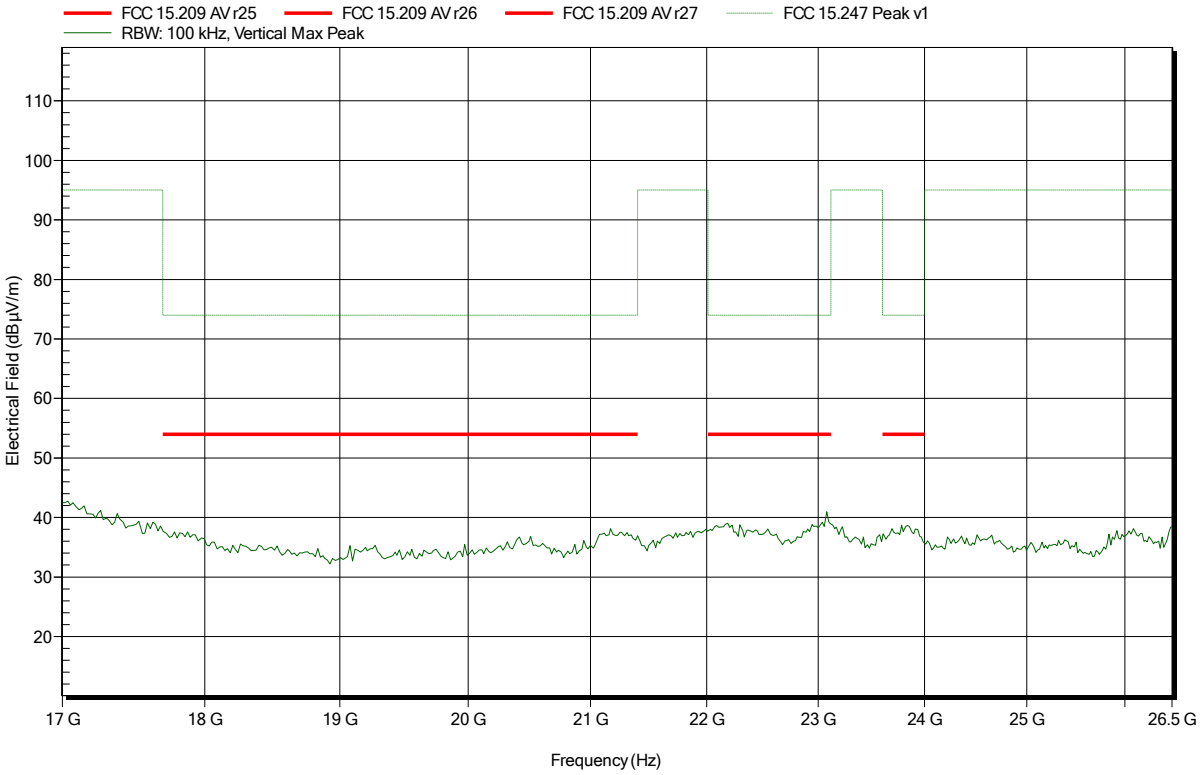

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-30
Note:	

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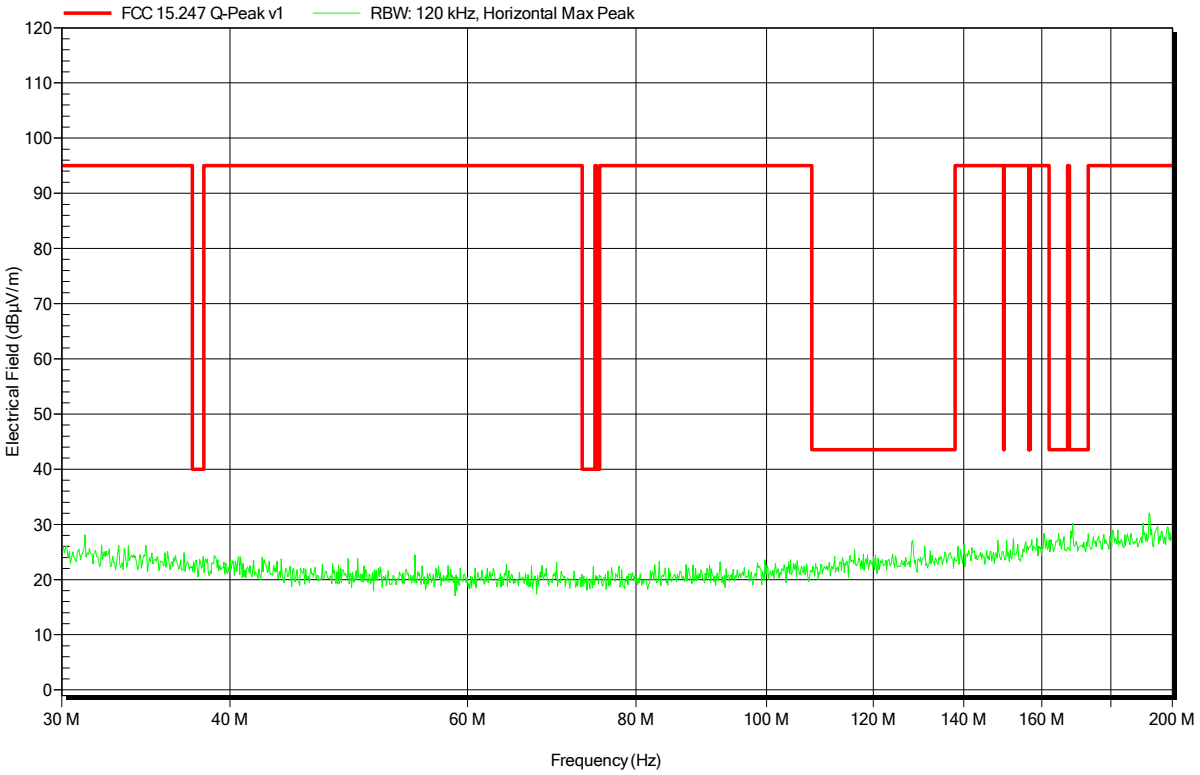

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-30
Note:	

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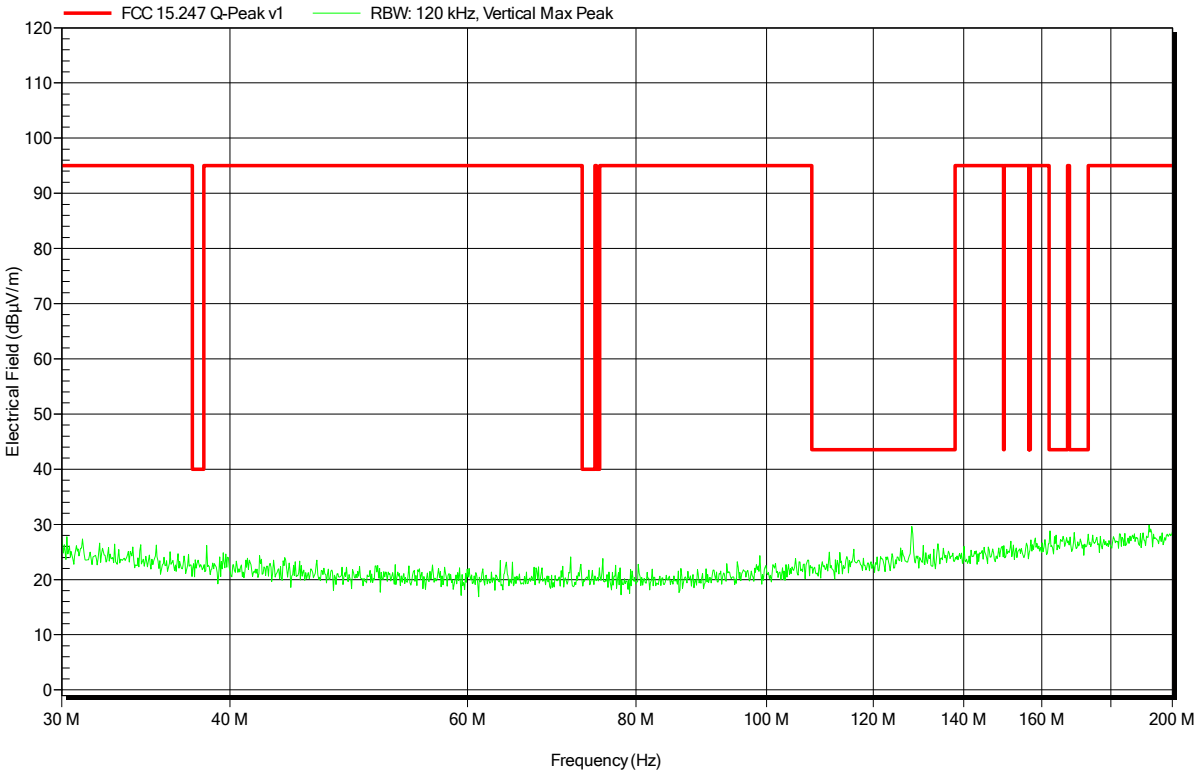

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-30
Note:	

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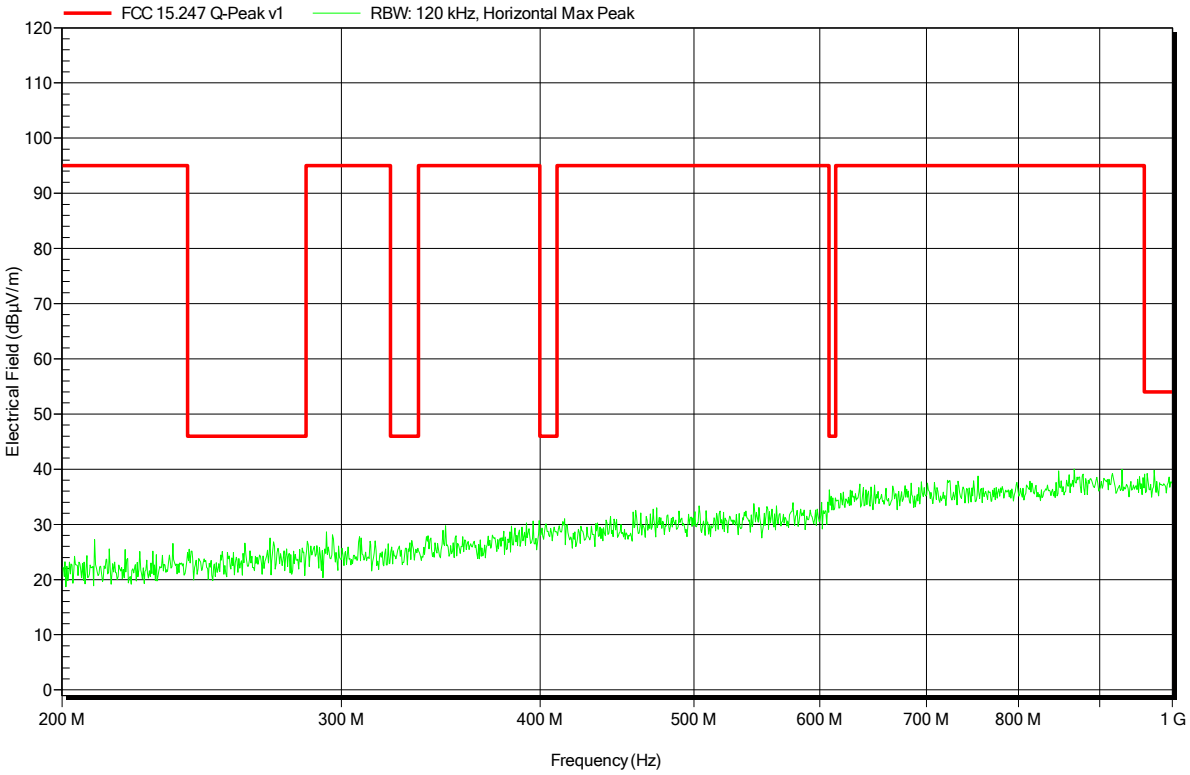

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-30
Note:	

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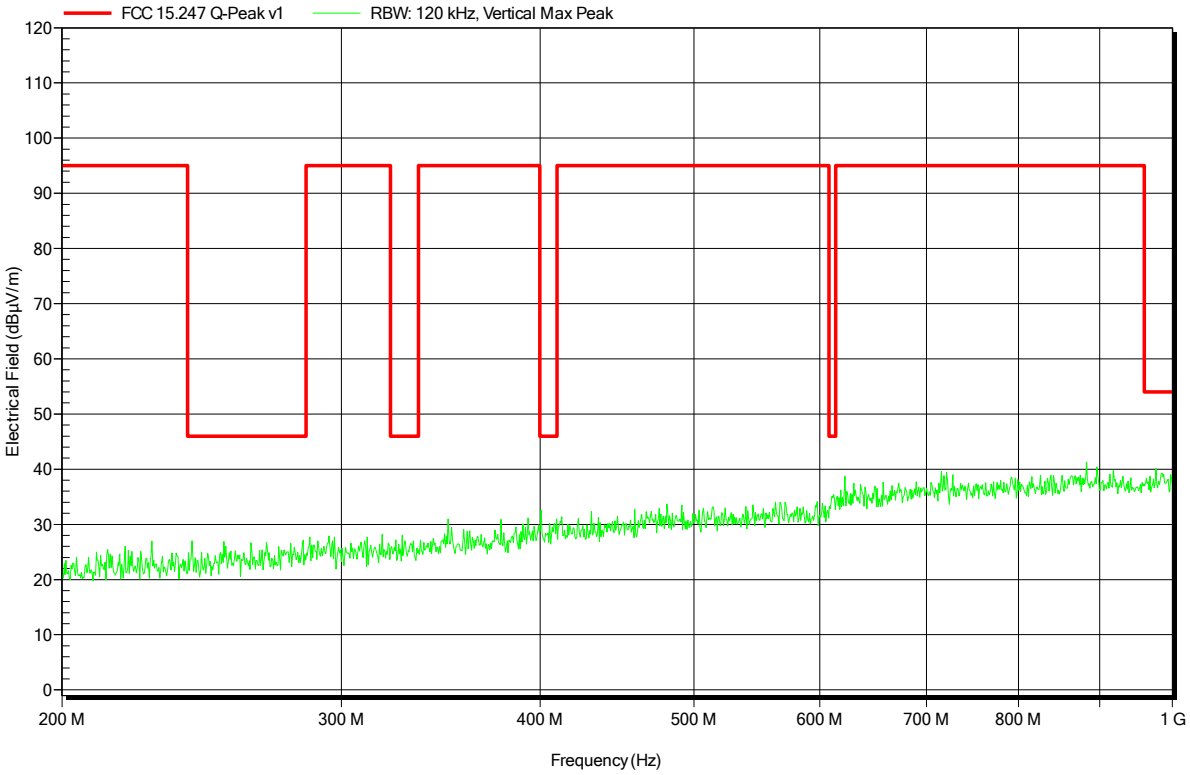

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-13
Note:	

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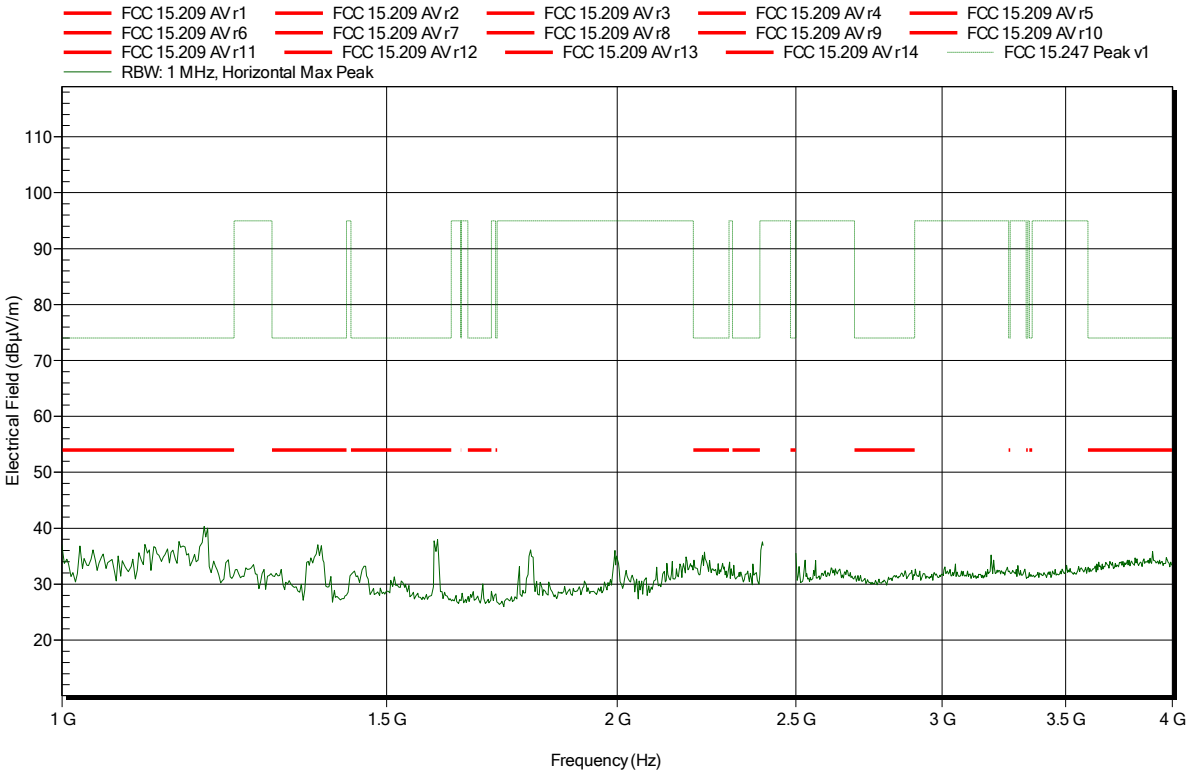

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-13
Note:	

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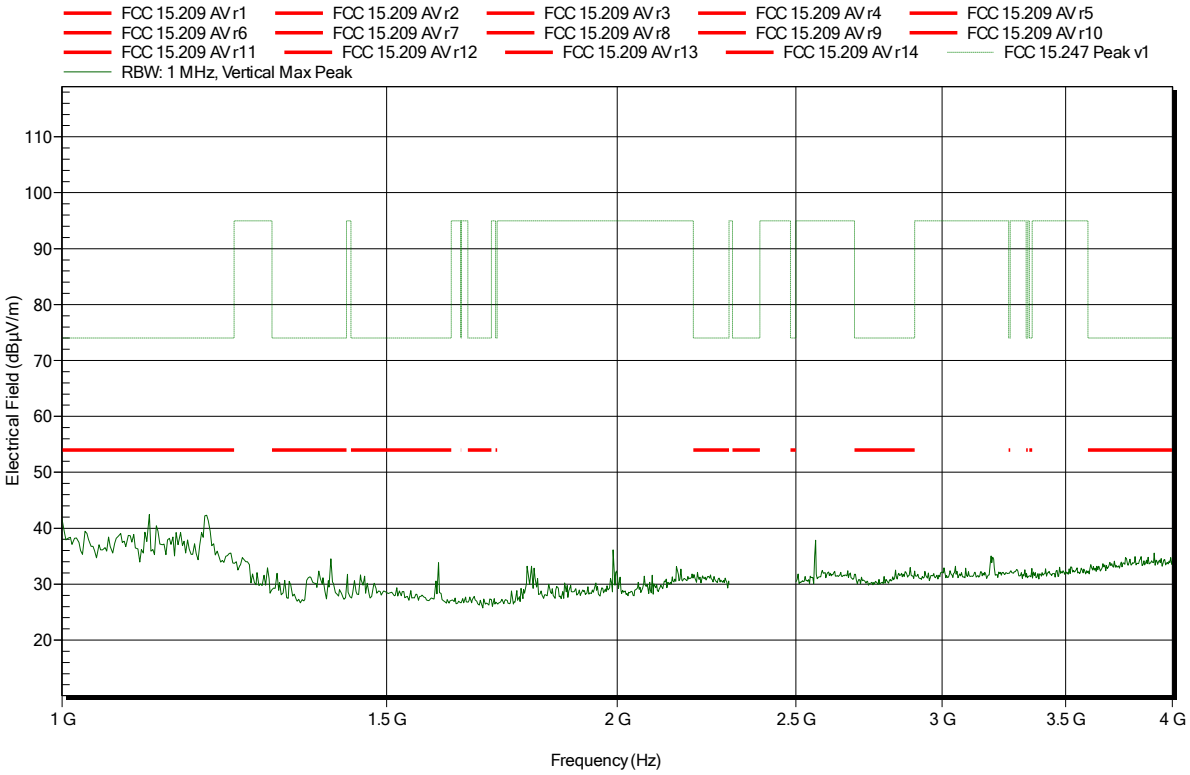

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-13
Note:	upper bandedge

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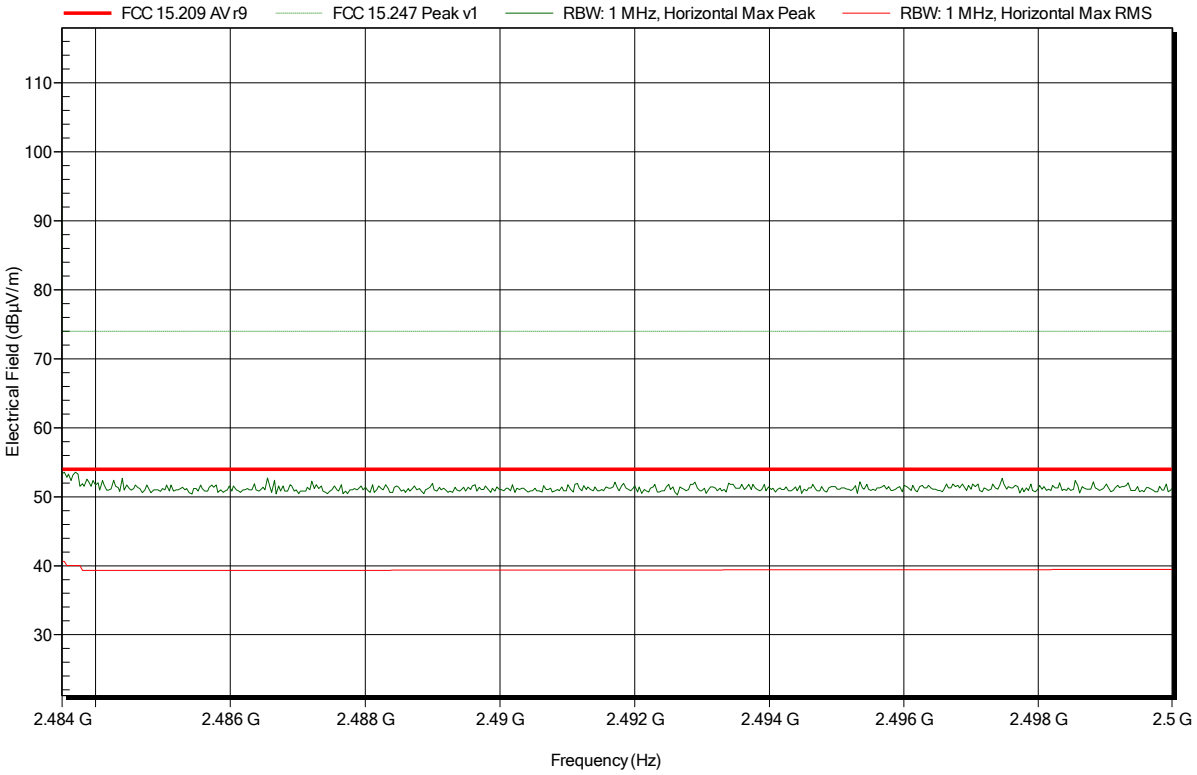

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-13
Note:	upper bandedge

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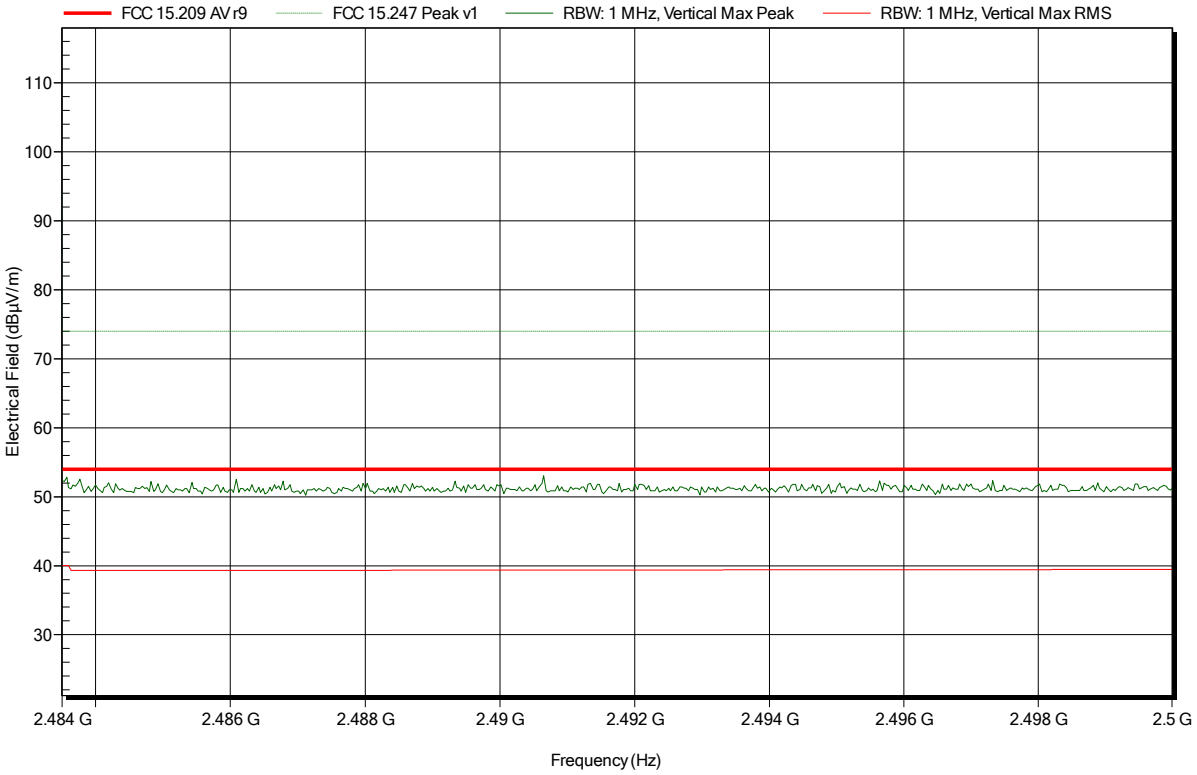

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-13
Note:	

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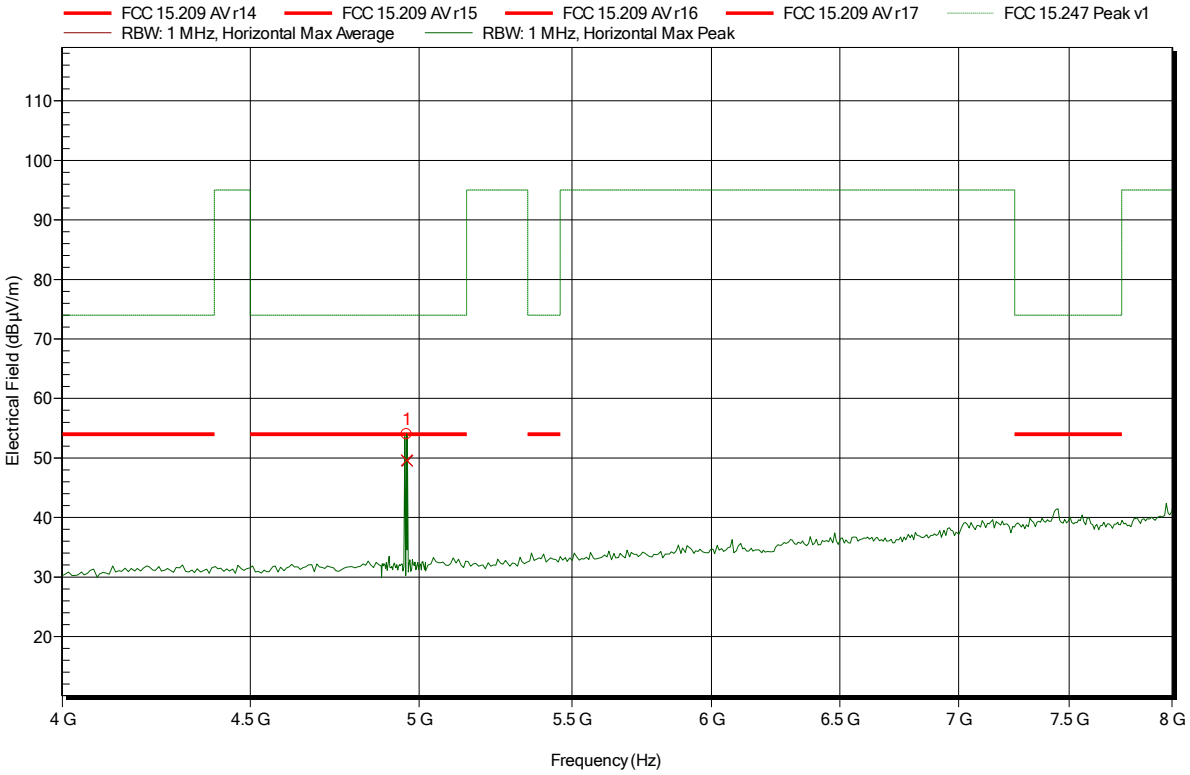

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.961 GHz	53.96 dBµV/m	74 dBµV/m	-20.04 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
4.961 GHz	49.6 dBµV/m	54 dBµV/m	-4.4 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-13
Note:	

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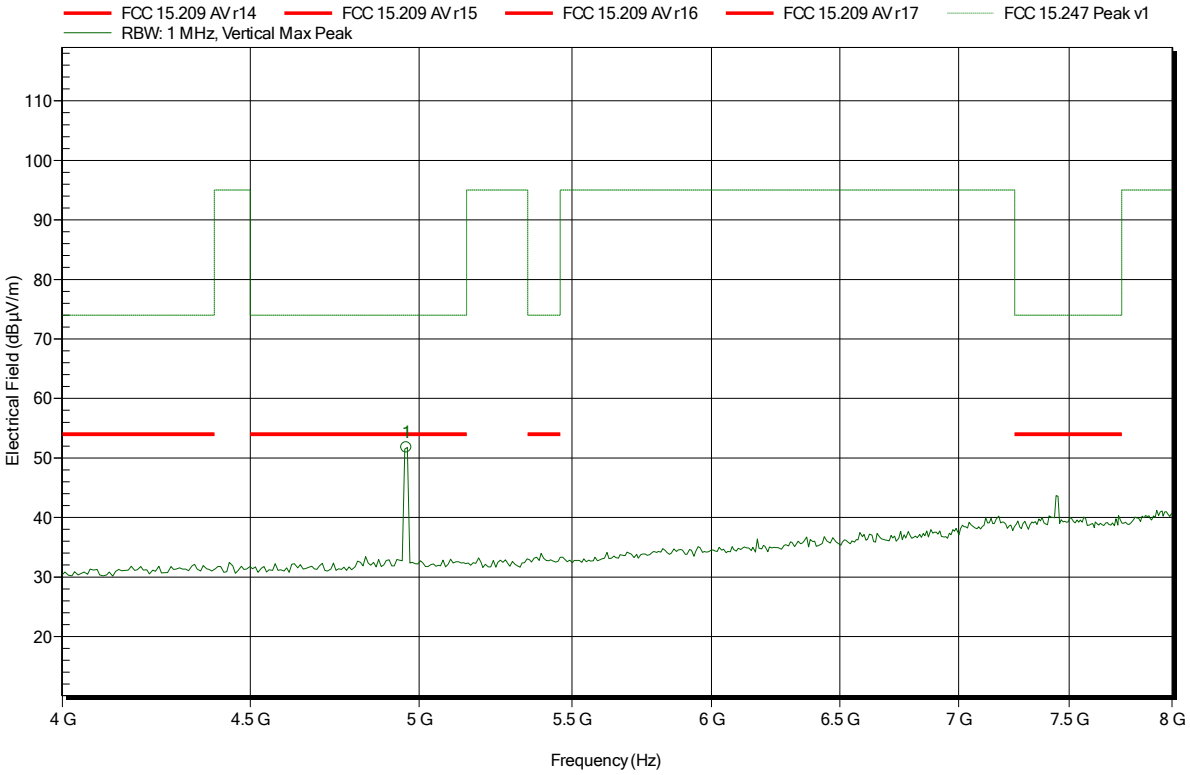

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.96 GHz	51.74 dBµV/m	74 dBµV/m	-22.26 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-13
Note:	

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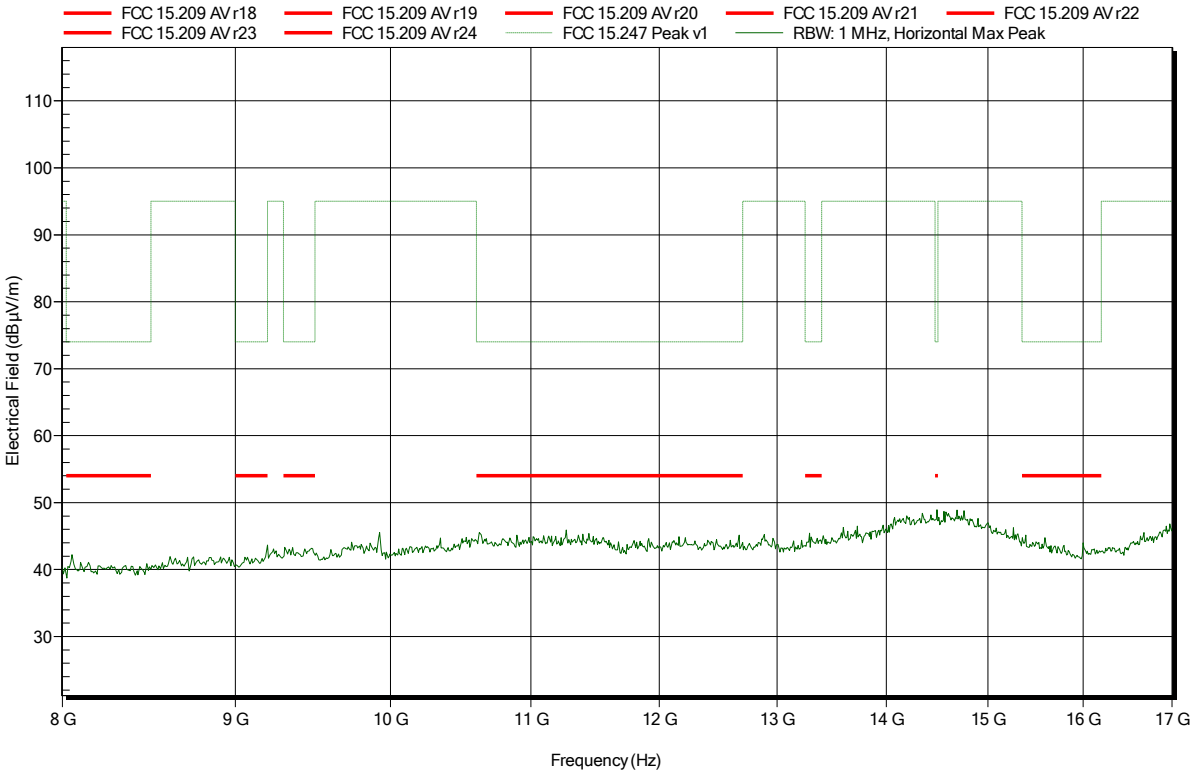

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-13
Note:	

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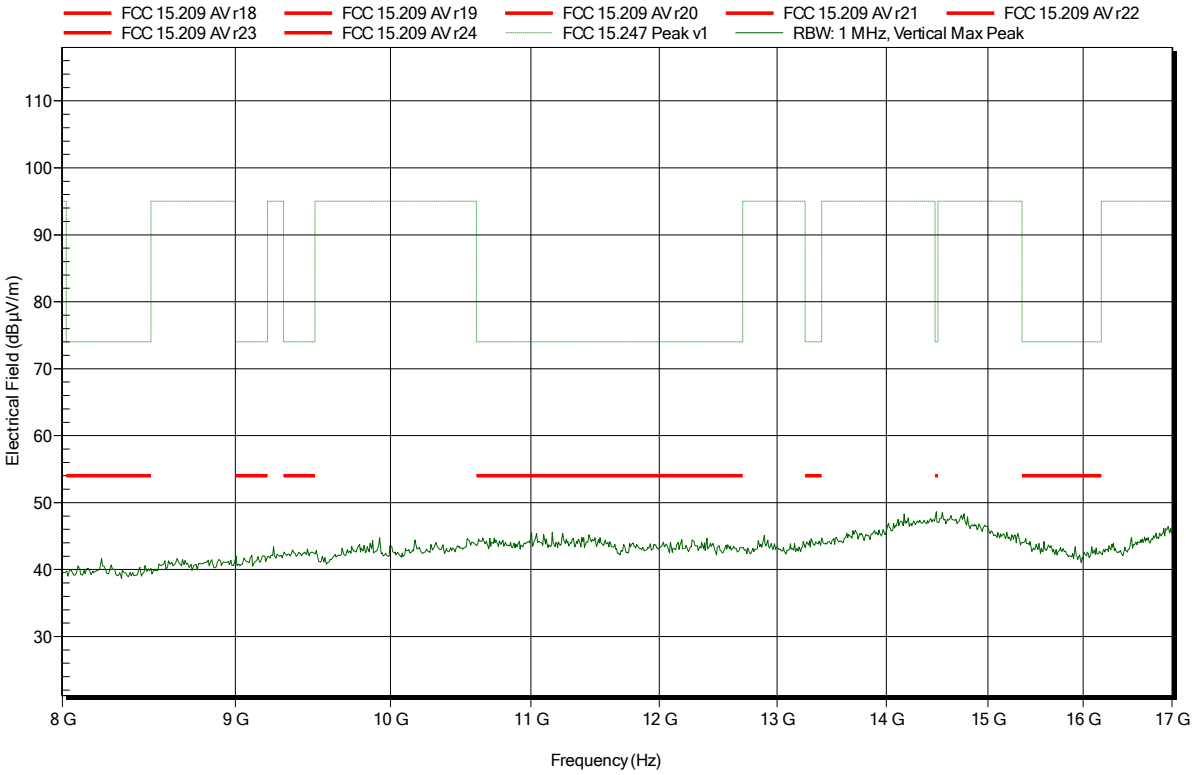

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Amplifier Research AT 4560, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-16
Note:	

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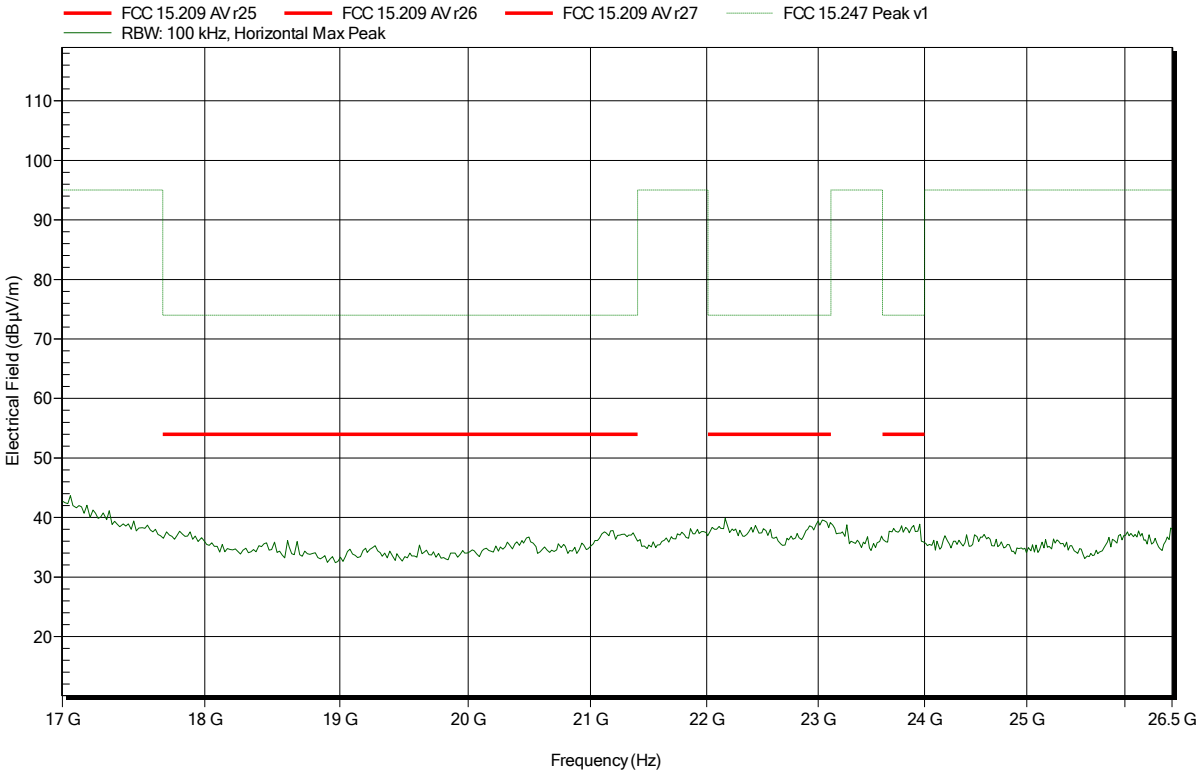

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Amplifier Research AT 4560, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT LE 2480 MHz
Test Date:	2017-10-16
Note:	

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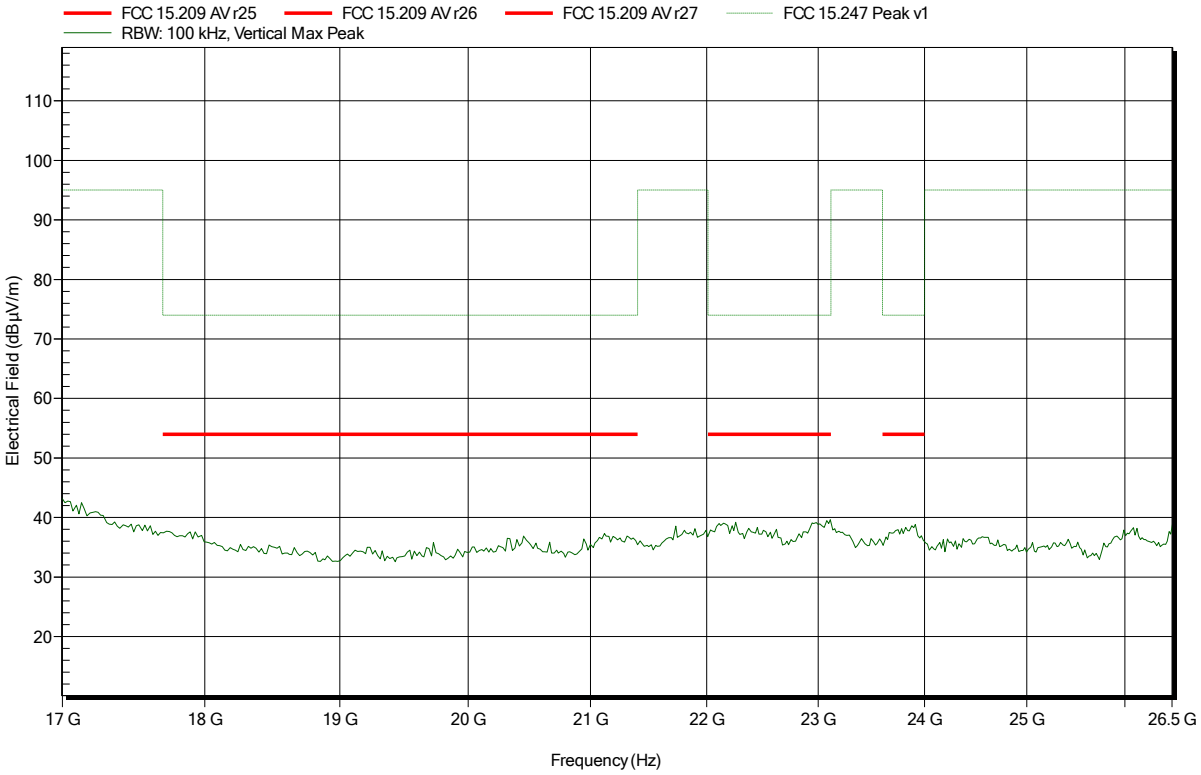
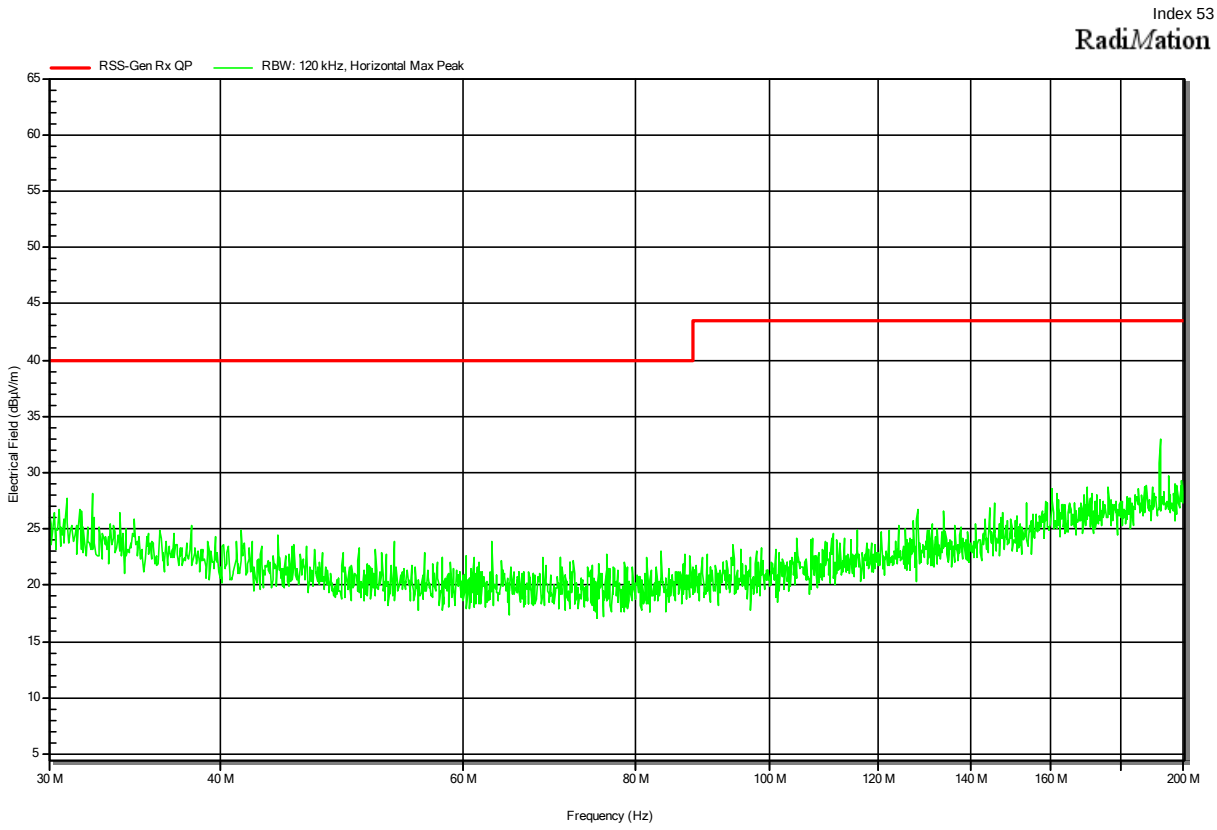


ANNEX B Receiver spurious emissions

Spurious emissions according to FCC 15.247

Project number:	G0M-1708-6775
Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-30
Note:	



Spurious emissions according to FCC 15.247

Project number:	G0M-1708-6775
Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-30
Note:	

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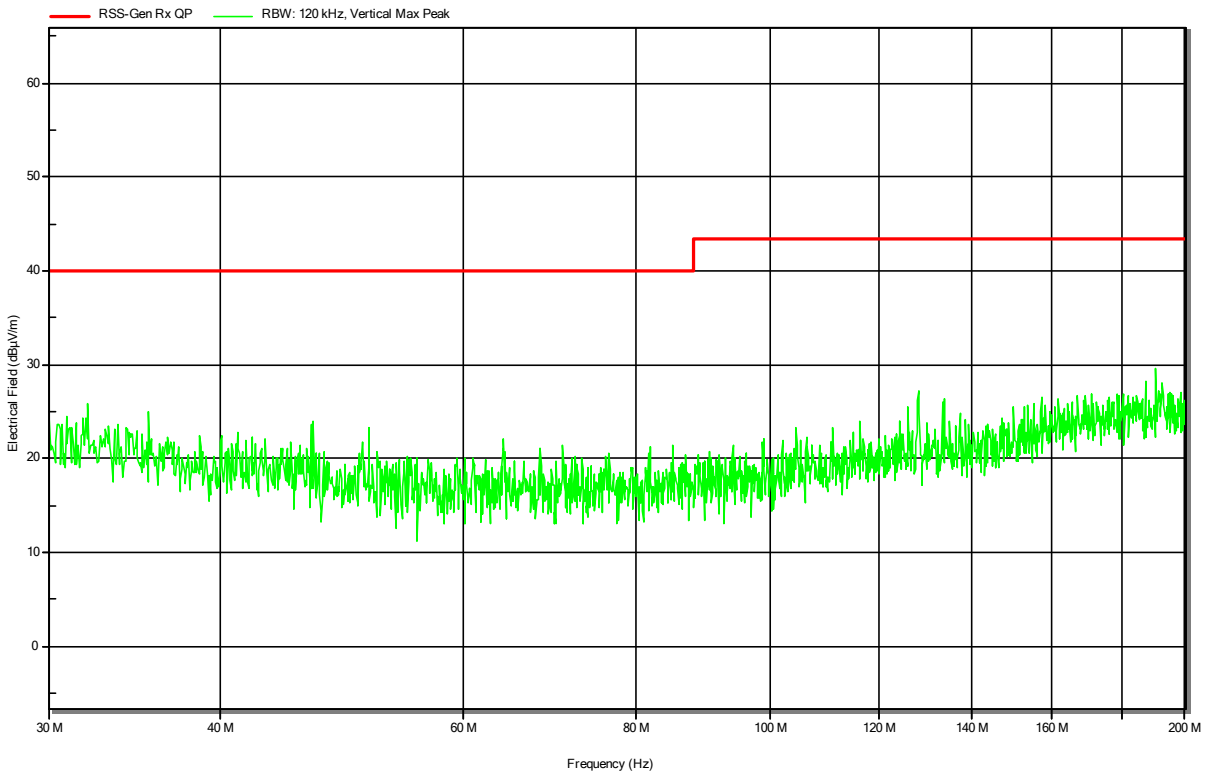
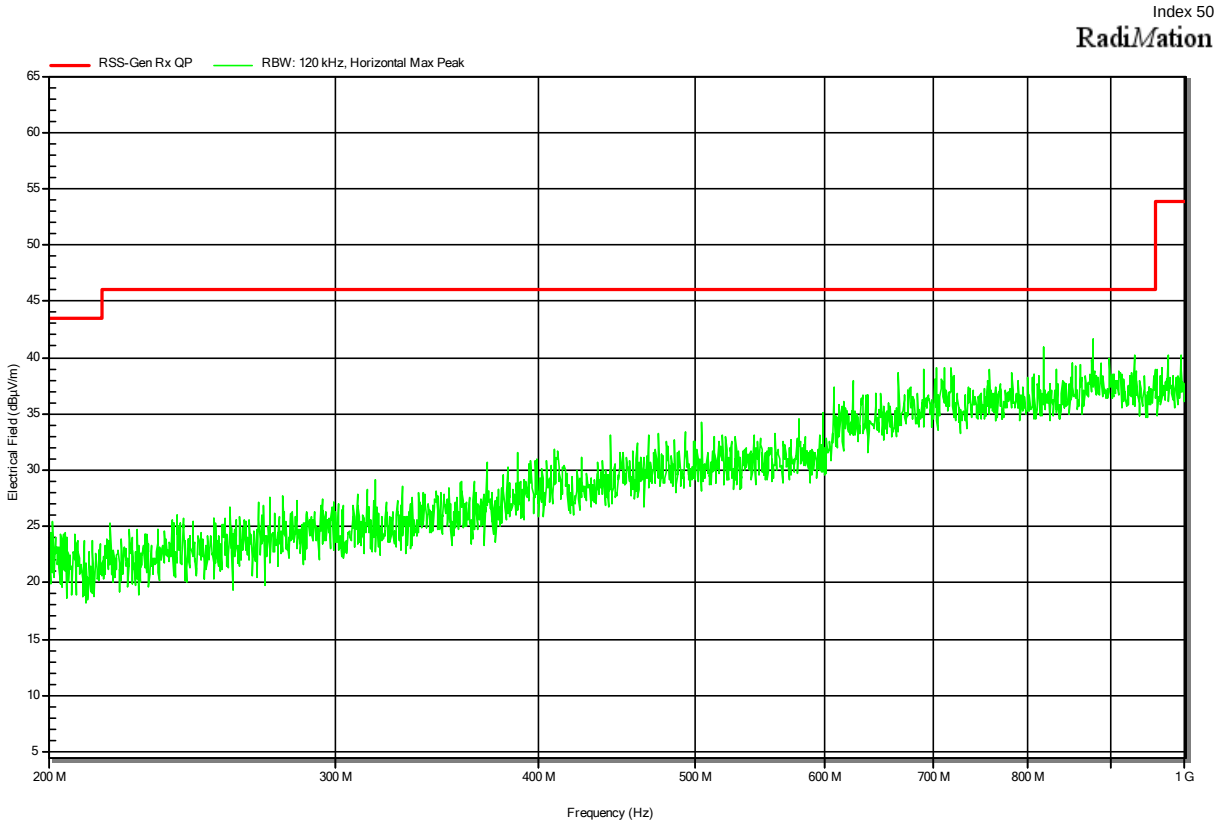


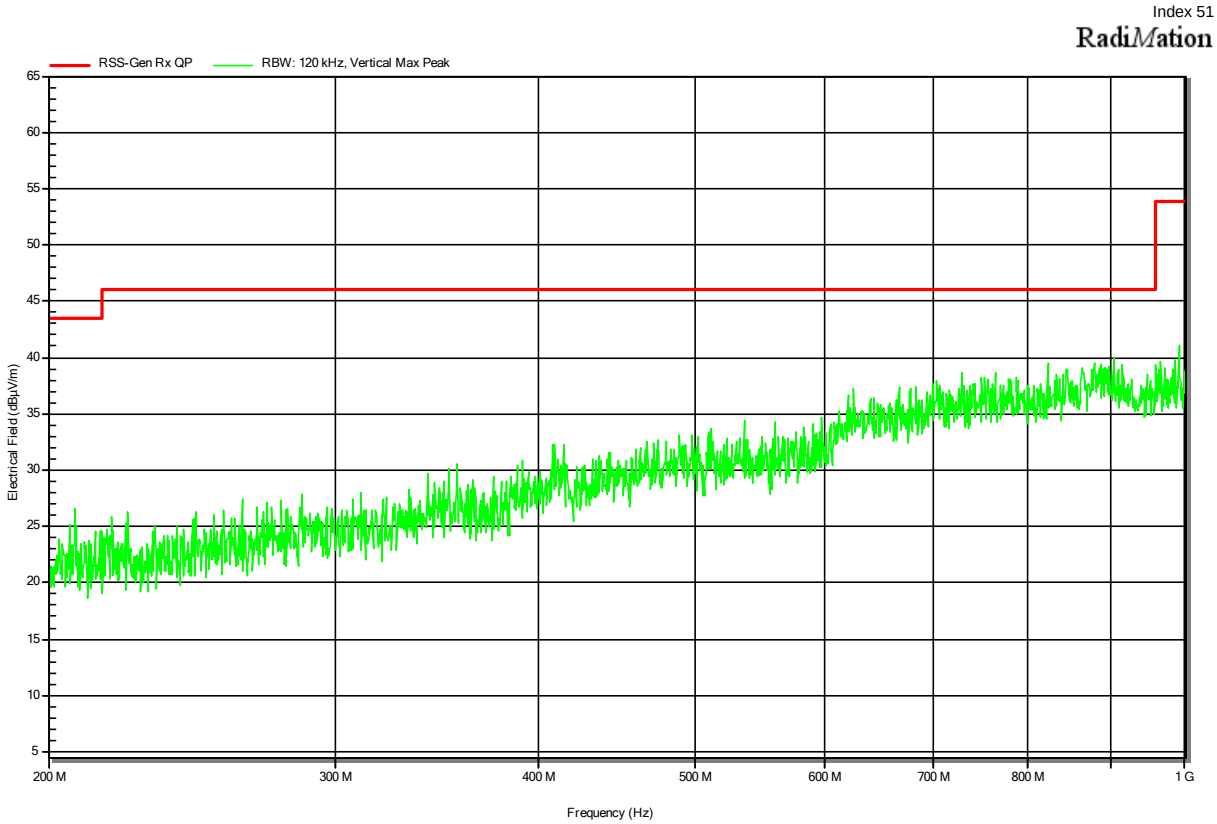
Spurious emissions according to FCC 15.247

Project number:	G0M-1708-6775
Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-30
Note:	



Spurious emissions according to FCC 15.247

Project number:	G0M-1708-6775
Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-30
Note:	



Spurious emissions according to FCC 15.247

Project number:	G0M-1708-6775
Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-16
Note:	

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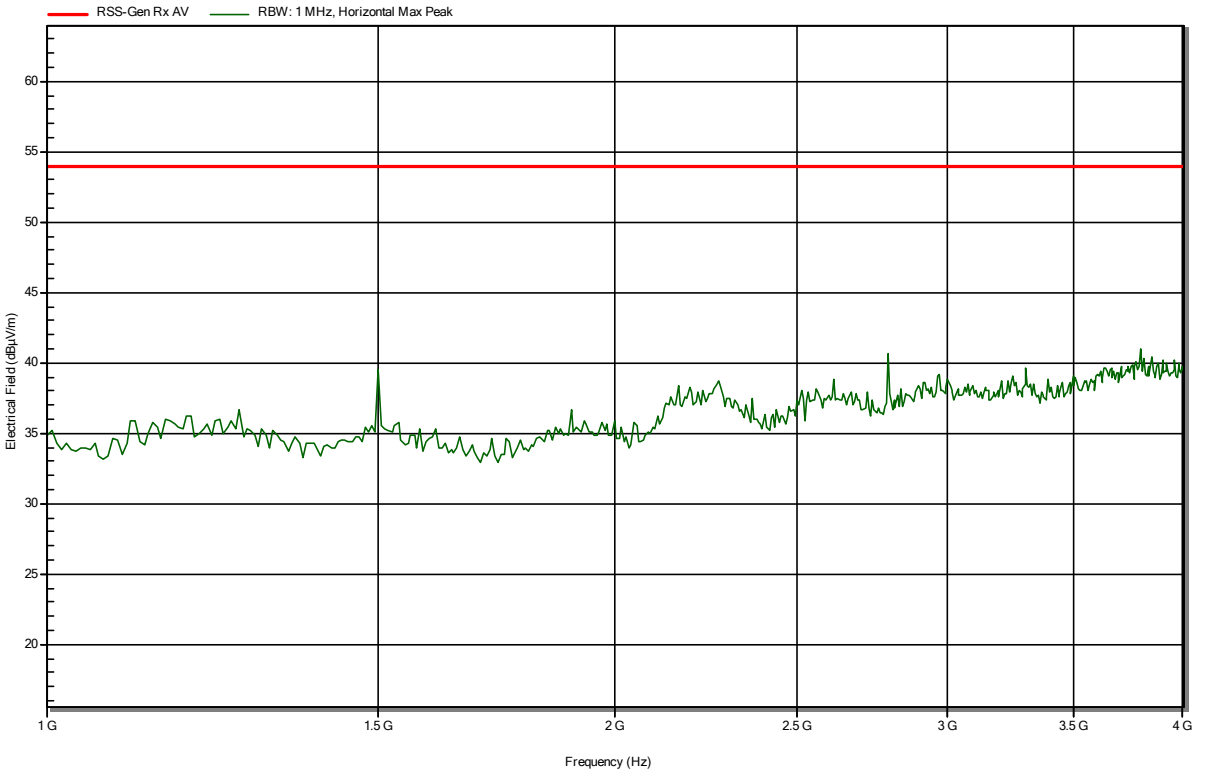

Spurious emissions according to FCC 15.247

Project number:	G0M-1708-6775
Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-16
Note:	

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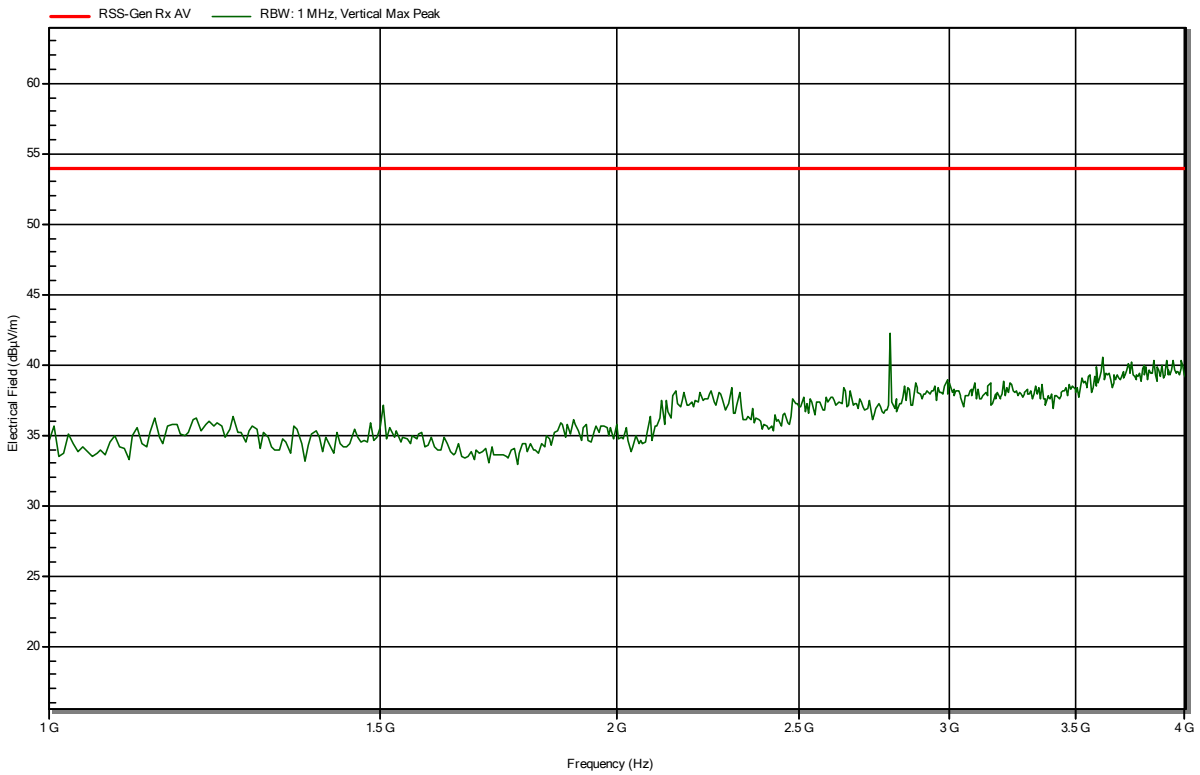
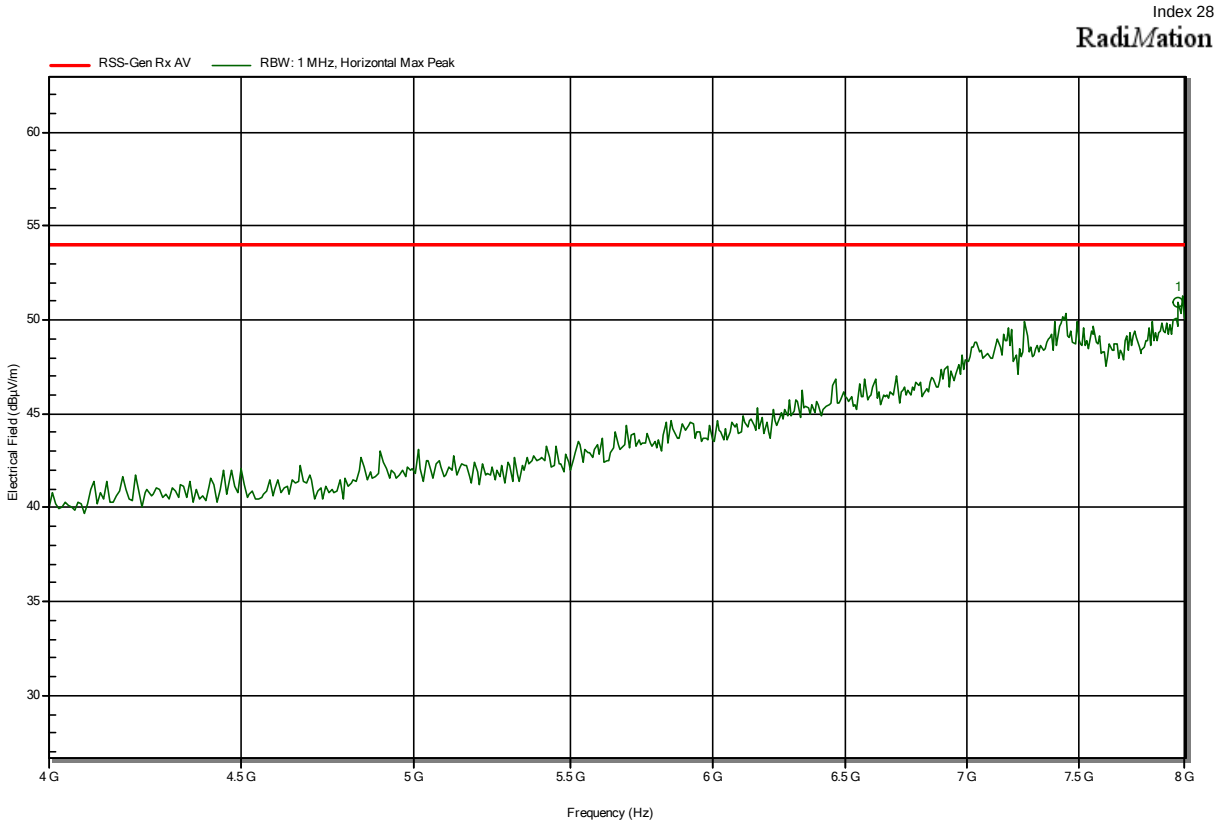


Spurious emissions according to FCC 15.247

Project number:	G0M-1708-6775
Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-16
Note:	



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
7.968 GHz	50.96 dBµV/m	53.98 dBµV/m	-3.02 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1708-6775
Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-16
Note:	

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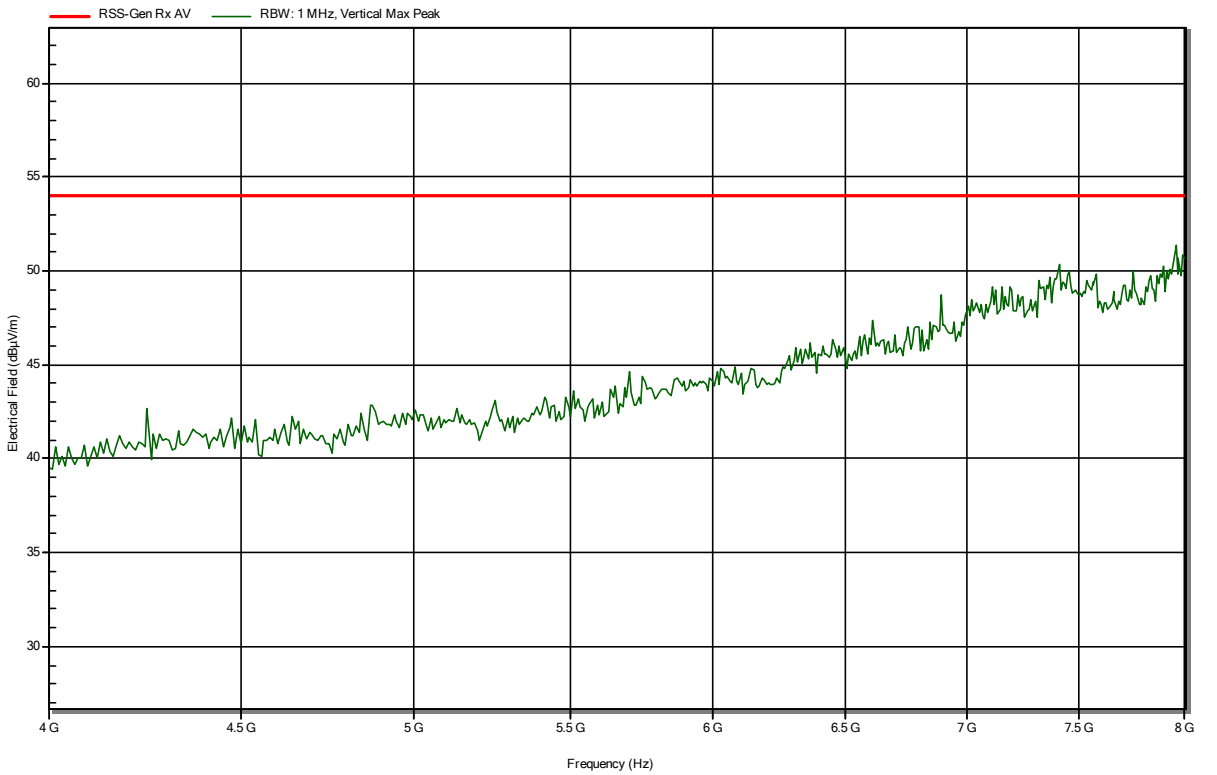

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-16
Note:	

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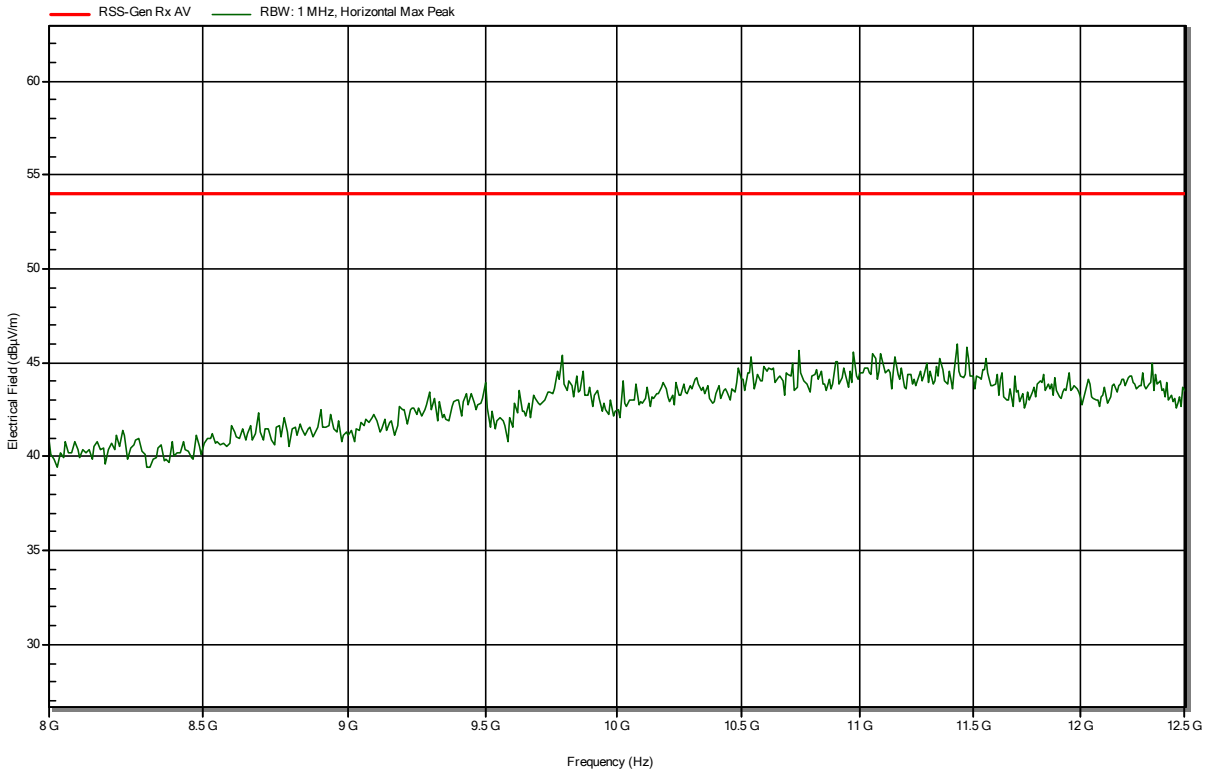

Spurious emissions according to FCC 15.247

Project number: G0M-1708-6775

Applicant:	Phillips-Medisize A/S
EUT Name:	InfuGo device, an automated personalized infusion pump
Model:	InfuGo
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 24°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; BT LE 2440 MHz
Test Date:	2017-10-16
Note:	

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