FCC TEST REPORT

FCC 47 CFR Part 15C
ISED RSS-247

Frequency hopping systems operating within the 2400 – 2483.5 MHz band

Report Reference No. ..... :	G0M-1612-6168-TFC247BT-V01
Testing Laboratory ..... :	Eurofins Product Service GmbH
Address ..... :	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation ..... :	A2LA Accredited Testing Laboratory, Certificate No.: 1983.01 FCC Filed Test Laboratory, Reg.-No.: 96970 IC OATS Filing assigned code: 3470A
Applicant's name ..... :	eResearch Technology GmbH
Address ..... :	Sieboldstrasse 3 97230 Estenfeld GERMANY
Test specification:	
Standard..... :	47 CFR Part 15C RSS-247, Issue 1, 2015-05
Test scope…….. ..... :	partial Radio compliance test
Equipment under test (EUT):	
Product description	Asthma Monitor AM3
Model No.	AM3 Option G+
Additional Model(s)	None
Brand Name(s)	None
Hardware version	1.0
Firmware / Software version	9.40
	FCC-ID: 2AAUFAM3G02 IC: 11335A-AM3G02
Test result	**Passed**

Possible test case verdicts:	
- neither assessed nor tested ..... :	N/N
- required by standard but not appl. to test object ..... :	N/A
- required by standard but not tested ..... :	N/T
- not required by standard for the test object ..... :	N/R
- test object does meet the requirement ..... :	P (Pass)
- test object does not meet the requirement ..... :	F (Fail)

Testing:		
Test Lab Temperature ..... :	20 – 23 °C	
Test Lab Humidity ..... :	32 – 38 %	
Date of receipt of test item ..... :	2016-12-23	
Date (s) of performance of tests ..... :	2017-01-23 – 2017-01-24	
Compiled by ..... :	Sebastian Suckow	
Tested by (+ signature) ..... : (Responsible for Test)	Sebastian Suckow	Suckow .....
Approved by (+ signature) ..... : (Head of Lab)	Christian Weber	C. Weber .....
Date of issue ..... :	2017-01-31	
Total number of pages ..... :	76	

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.

Additional comments:

Test case reduction on radiated measurements only is based on the requirements for host integration for full modular approved transmitter modules (KDB 996369 D02) used by the EUT. The EUT uses a module with full modular approval according to FCC and ISED rules. For details about the radio module see EUT description in section 1.

Version History

Version	Issue Date	Remarks	Revised by
01	2017-01-31	Initial Release	

REPORT INDEX

1 Equipment (Test item) Description

Description	Asthma Monitor AM3	
Model	AM3 Option G+	
Additional Model(s)	None	
Brand Name(s)	None	
Serial number	None	
Hardware version	1.0	
Software / Firmware version	9.40	
PMN	N/A	
HVIN	AM3 Option G+	
FVIN	N/A	
HMN	N/A	
FCC-ID	2AAUFAM3G02	
IC	11335A-AM3G02	
Equipment type	End product	
Radio type	Transceiver	
Radio technology	Bluetooth	
Operating frequency range	2402 - 2480 MHz	
Assigned frequency band	2400 - 2483.5 MHz	
Main test frequencies	F_{LOW}	2402 MHz
	F_{MID}	2441 MHz
	F_{HIGH}	2480 MHz
Spreading	FHSS	
Modulations	GFSK, PI/4-DQPSK, 8-PSK	
Number of channels	79 hopping channels at all	
Channel spacing	1 MHz	
Number of antennas	1	
Radio module	Type	Bluetooth Module
	Model	BT121
	Manufacturer	Silicon Labs (former Blue Giga)
	HW Version	unspecified
	SW Version	unspecified
	FCC-ID	QOQBT121
	IC	5123A-BGTBT121
Antenna	Type	integrated
	Model	BT121
	Manufacturer	Silicon Labs
	Gain	+1 dBi (manufacturer declaration)

Manufacturer	eResearch Technology GmbH Sieboldstrasse 3 97230 Estenfeld GERMANY	
Power supply	V_{NOM}	3.7 VDC
	V_{MIN}	N/R
	V_{MAX}	N/R
AC/DC-Adaptor	Model	WR9QA1200MUNMRVG2773
	Vendor	GlobTek Inc.
	Input	100 - 240
	Output	5.0

1.1 Photos – Equipment External

EUT Top

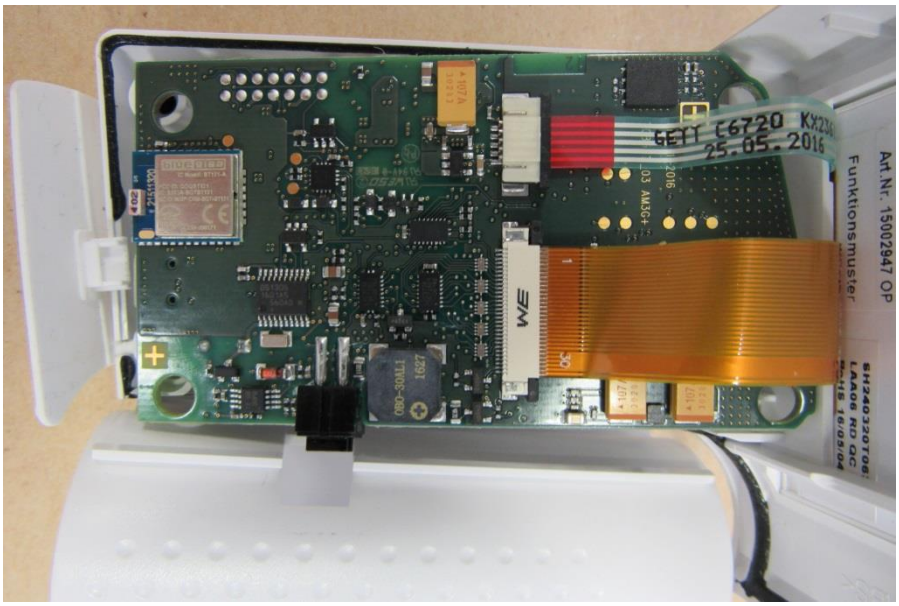

EUT Bottom


EUT Left side

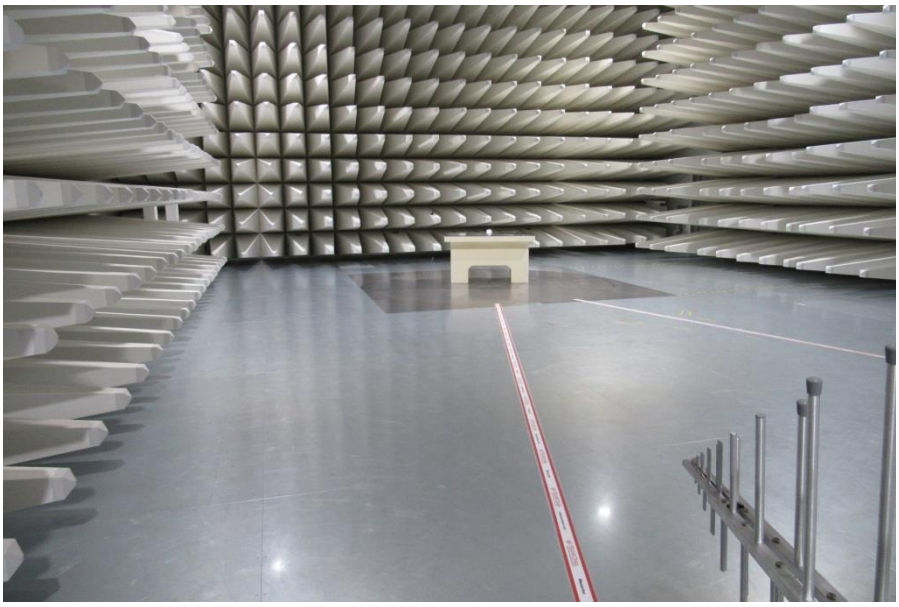

EUT Right side

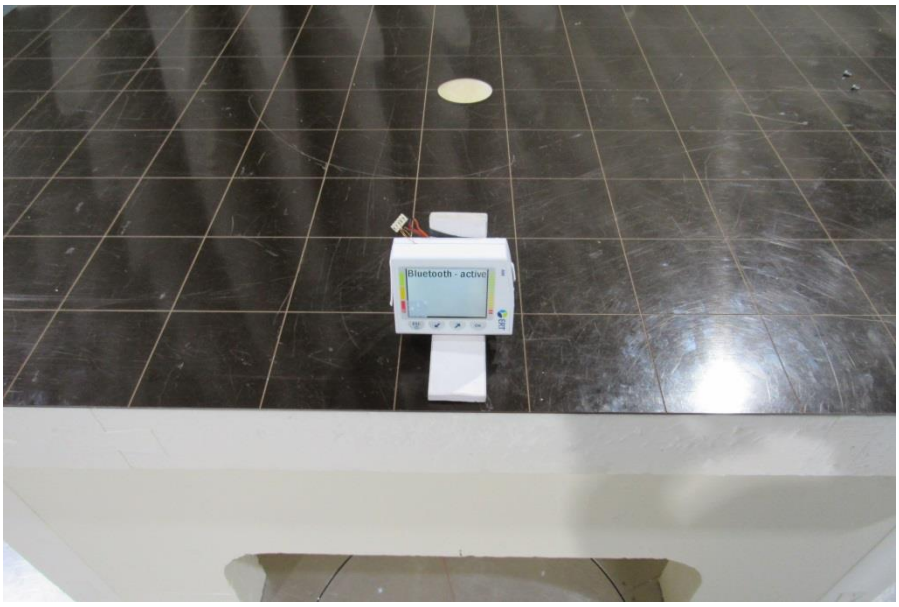

1.2 Photos – Equipment internal

PCB Top


PCB Bottom


1.3 Photos – Test setup

Test setup


Test setup detail


1.4 Supporting Equipment Used During Testing

Product Type*	Device	Manufacturer	Model No.	Comments
AE	Notebook	DELL	S/N 2FMM5R1	Used for signaling

***Note:** Use the following abbreviations:

AE : Auxiliary/Associated Equipment, or

SIM : Simulator (Not Subjected to Test)

CABL : Connecting cables

1.5 Test Modes

Mode #	Description	
DH5-Sngl	General conditions:	EUT powered by laboratory power supply.
	Radio conditions:	Mode = standalone transmit Spreading = Hopping stopped (single hopping channel) Modulation = GFSK Packet type = DH5 Data rate = 1 Mbps Duty cycle = 77 % Power level = Maximum
2DH5-Sngl	General conditions:	EUT powered by laboratory power supply.
	Radio conditions:	Mode = standalone transmit Spreading = Hopping stopped (single hopping channel) Modulation = π/4-DQPSK Packet type = 2DH5 Data rate = 2 Mbps Duty cycle = 77 % Power level = Maximum
3DH5-Sngl	General conditions:	EUT powered by laboratory power supply.
	Radio conditions:	Mode = standalone transmit Spreading = Hopping stopped (single hopping channel) Modulation = 8-DPSK Packet type = 3DH5 Data rate = 3 Mbps Duty cycle = 77 % Power level = Maximum
Receive	General conditions:	EUT powered by laboratory power supply.
	Radio conditions:	Mode = standalone receive Spreading = Hopping

1.6 Test Equipment Used During Testing

Measurement Software			
Description	Manufacturer	Name	Version
EMC Test Software	Dare Instruments	Radimation	2015.2.4

Occupied Bandwidth					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSP 30	EF00312	2016-02	2017-02

Radiated spurious emissions					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Semi-anechoic chamber	Frankonia	AC 6	EF00899	-	-
Spectrum Analyzer	R&S	FSIQ26	EF00242	2016-04	2017-04
Biconical Antenna	R&S	HK 116	EF00012	2016-05	2019-05
LPD Antenna	R&S	HL 223	EF00187	2016-05	2019-05
LPD Antenna	R&S	HL 025	EF00327	2015-10	2018-10

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 Specific Standard Section	**Requirement – Test**	**Reference Method**	**Result**	**Remarks**
RSS-Gen 6.6	Occupied Bandwidth	ANSI C63.10	N/R	Informational only
FCC § 15.247(a)(1) ISED RSS-247 § 5.1	20 dB Bandwidth	ANSI C63.10	N/T	
FCC § 15.247(a)(1)(iii) ISED RSS-247 § 5.1	Number of hopping frequencies	ANSI C63.10	N/T	
FCC § 15.247(a)(1) ISED RSS-247 § 5.1	Frequency hopping channel separation	ANSI C63.10	N/T	
FCC § 15.247(a)(1)(iii) ISED RSS-247 § 5.1	Time of occupancy (Dwell time)	ANSI C63.10	N/T	
FCC § 15.247(b)(1) ISED RSS-247 § 5.4	Maximum peak conducted power	ANSI C63.10	N/T	
47 CFR 15.207 ISED RSS-247 § 3.1	AC power line conducted emissions	ANSI C63.4	N/R	No powered (directly or indirectly) via AC-Mains
FCC § 15.247(d) ISED RSS-247 § 5.5	Band edge compliance	ANSI C63.10	N/T	
FCC § 15.247(d) ISED RSS-247 § 5.5	Conducted spurious emissions	ANSI C63.10	N/T	
FCC § 15.247(d) FCC § 15.209 ISED RSS-247 § 5.5	Transmitter radiated spurious emissions	ANSI C63.10	PASS	
ISED RSS-247 § 3.1	Receiver radiated spurious emissions	ANSI C63.10	PASS	
Remarks:				

3 Test Conditions and Results

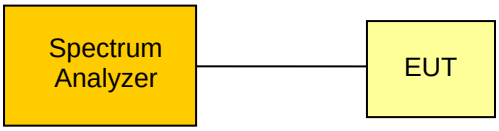
3.1 Test Conditions and Results – Occupied Bandwidth

Occupied Bandwidth acc. to ISED RSS-Gen	**Verdict: PASS**
Test according to measurement reference	Reference Method
	ANSI C63.10
Test frequency range	Tested frequencies
	F_{LOW} / F_{MID} / F_{HIGH}

Limits

None (Informational only)

Test setup



Test procedure

1. EUT set to test mode (Communication tester is used if needed)
2. Span set to at least twice the emission spectrum
3. Resolution bandwidth set to 1 % of span
4. Occupied Bandwidth (99 %) measurement with spectrum analyzer built in measurement function

Test results

Channel	Frequency [MHz]	Mode	Occupied Bandwidth [MHz]
F_{LOW}	2402	DH5-Sngl	0.831
F_{MID}	2441	DH5-Sngl	0.832
F_{HIGH}	2480	DH5-Sngl	0.832
F_{LOW}	2402	2DH5-Sngl	1.202
F_{MID}	2441	2DH5-Sngl	1.192
F_{HIGH}	2480	2DH5-Sngl	1.202
F_{LOW}	2402	3DH5-Sngl	1.192
F_{MID}	2441	3DH5-Sngl	1.192
F_{HIGH}	2480	3DH5-Sngl	1.202

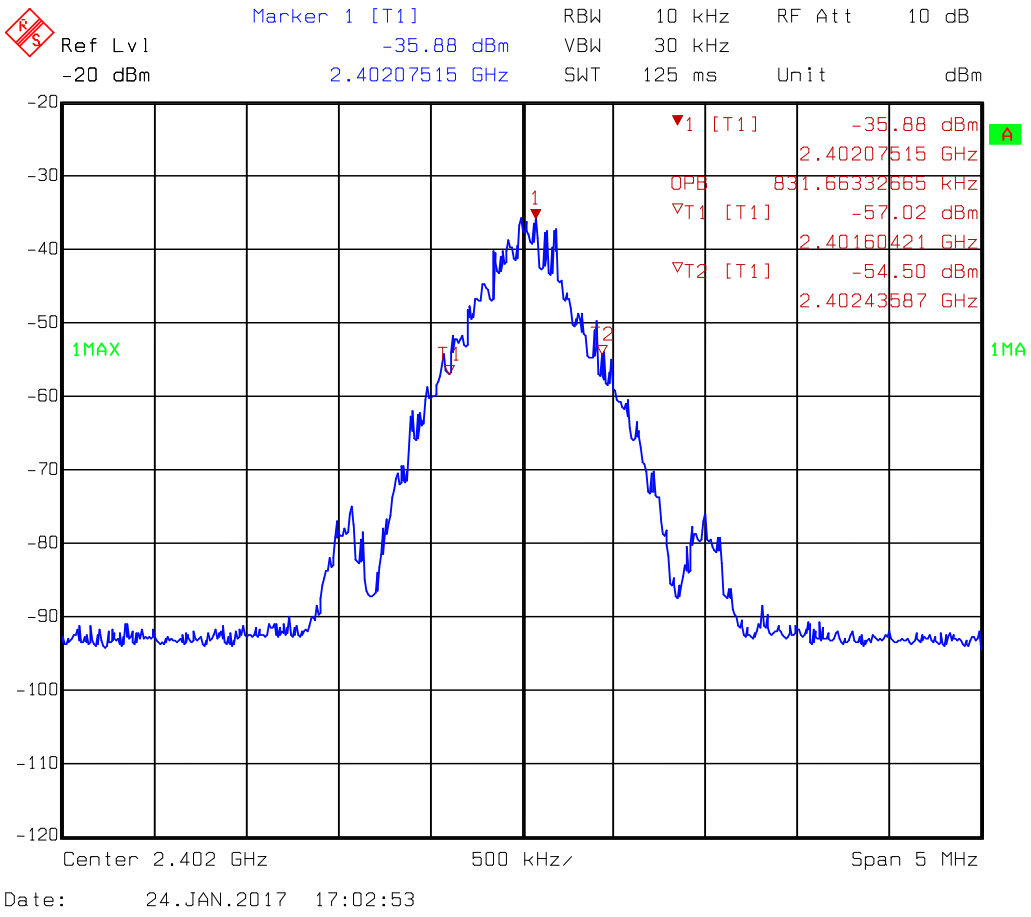
Comments:

Occupied Bandwidth – DH5-Sngl F_{LOW}

Occupied Bandwidth

Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT DH5 2402 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)

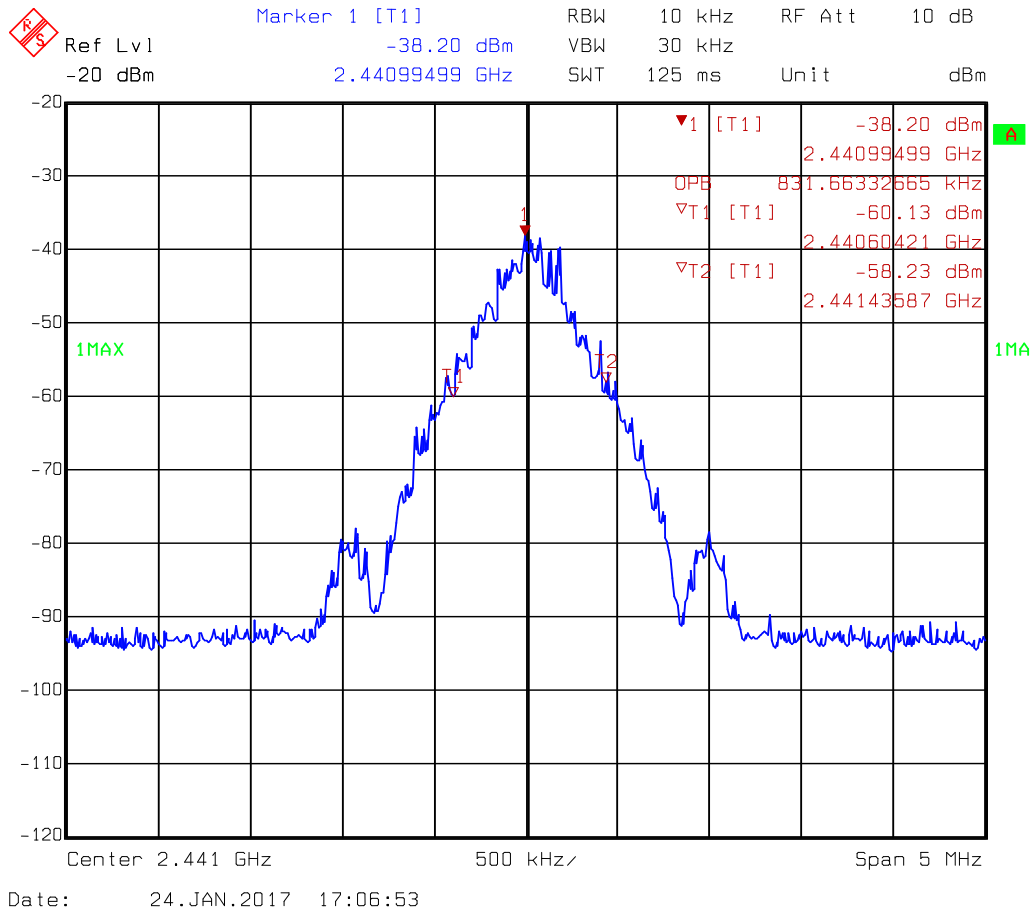


Occupied Bandwidth – DH5-Sngl F_{MID}

Occupied Bandwidth

Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT DH5 2441 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)

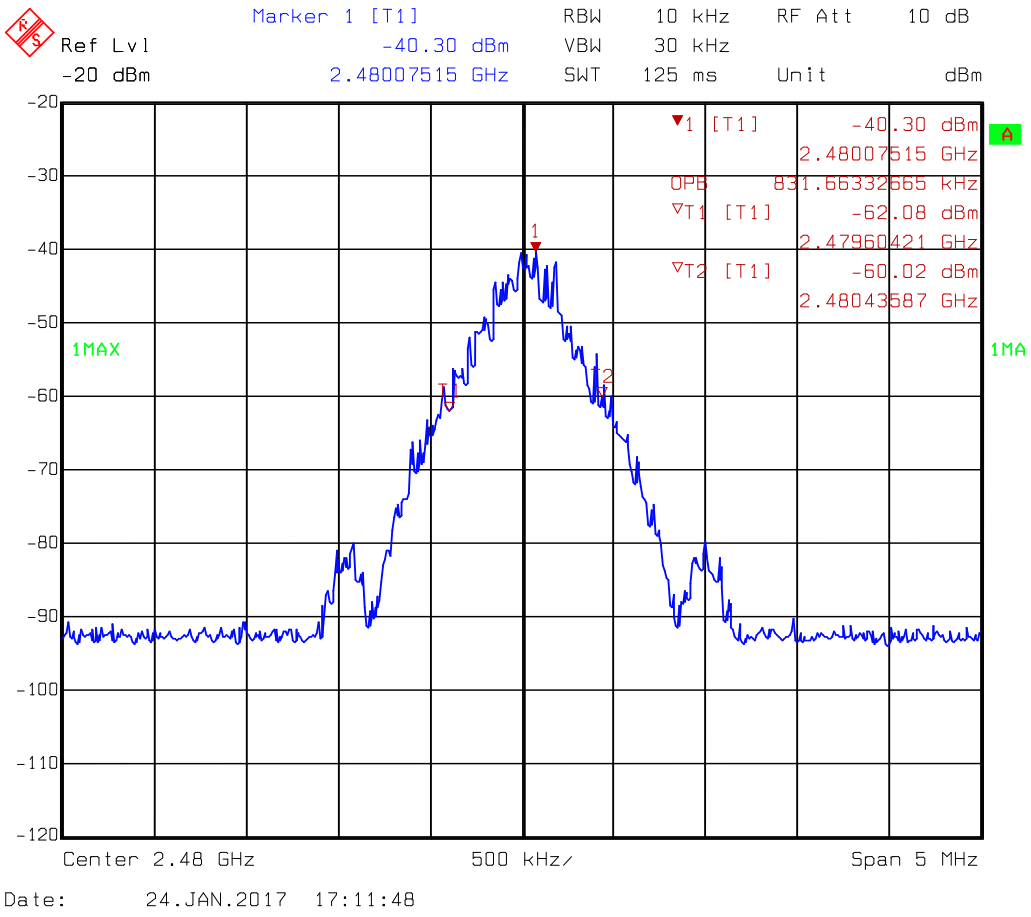


Occupied Bandwidth – DH5-Sngl F_{HIGH}

Occupied Bandwidth

Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT DH5 2480 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)

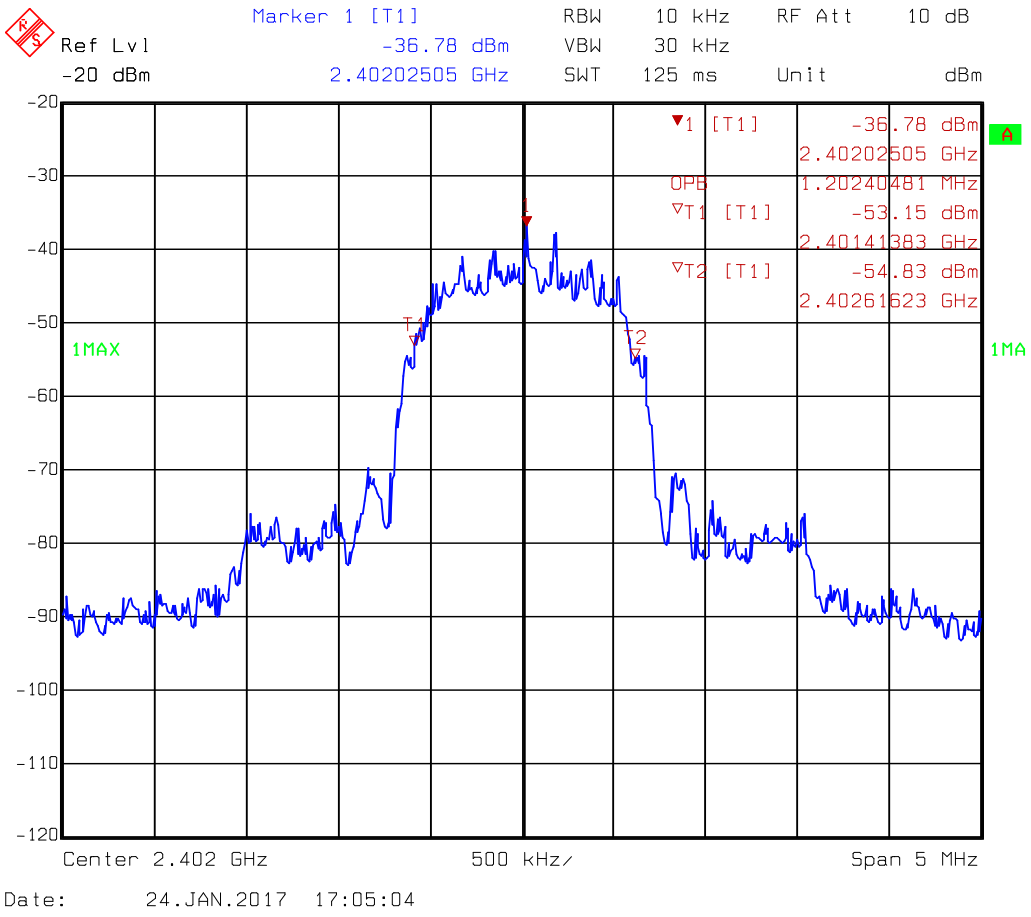


Occupied Bandwidth – 2-DH5-Sngl F_{LOW}

Occupied Bandwidth

Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT 2DH5 2402 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)

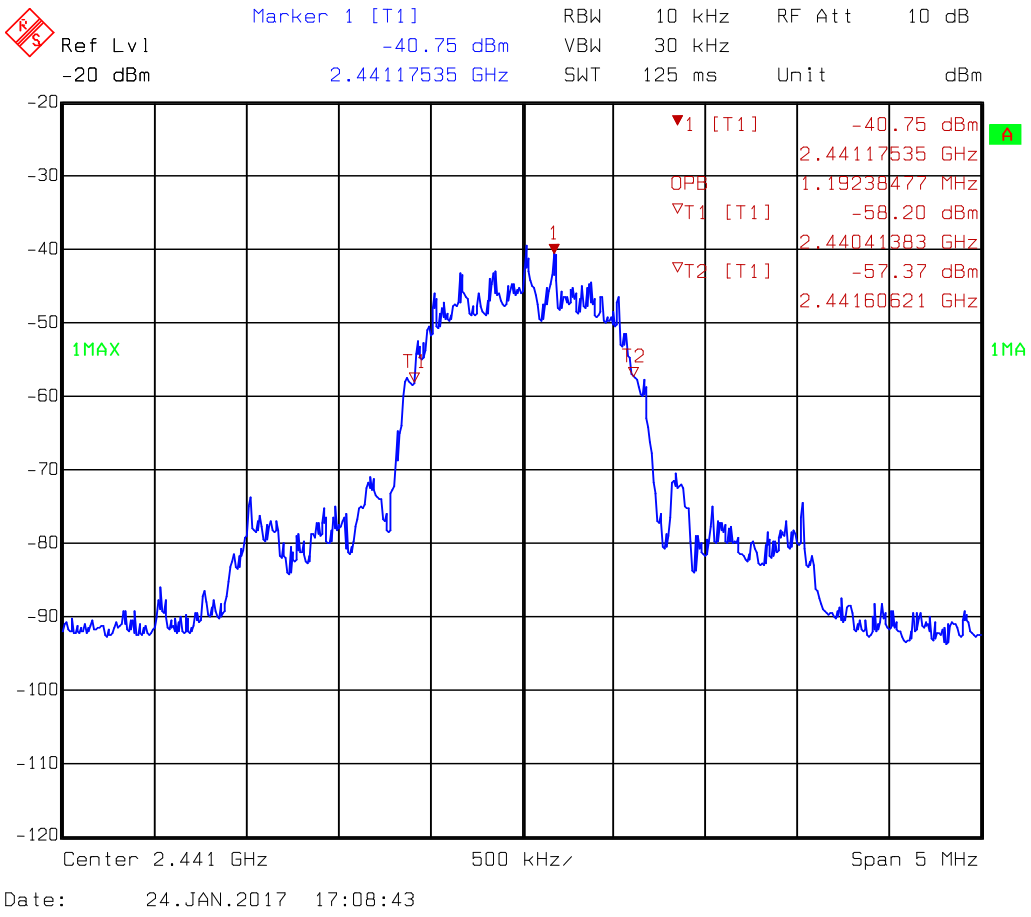


Occupied Bandwidth – 2-DH5-Sngl F_{MID}

Occupied Bandwidth

Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT 2DH5 2441 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)

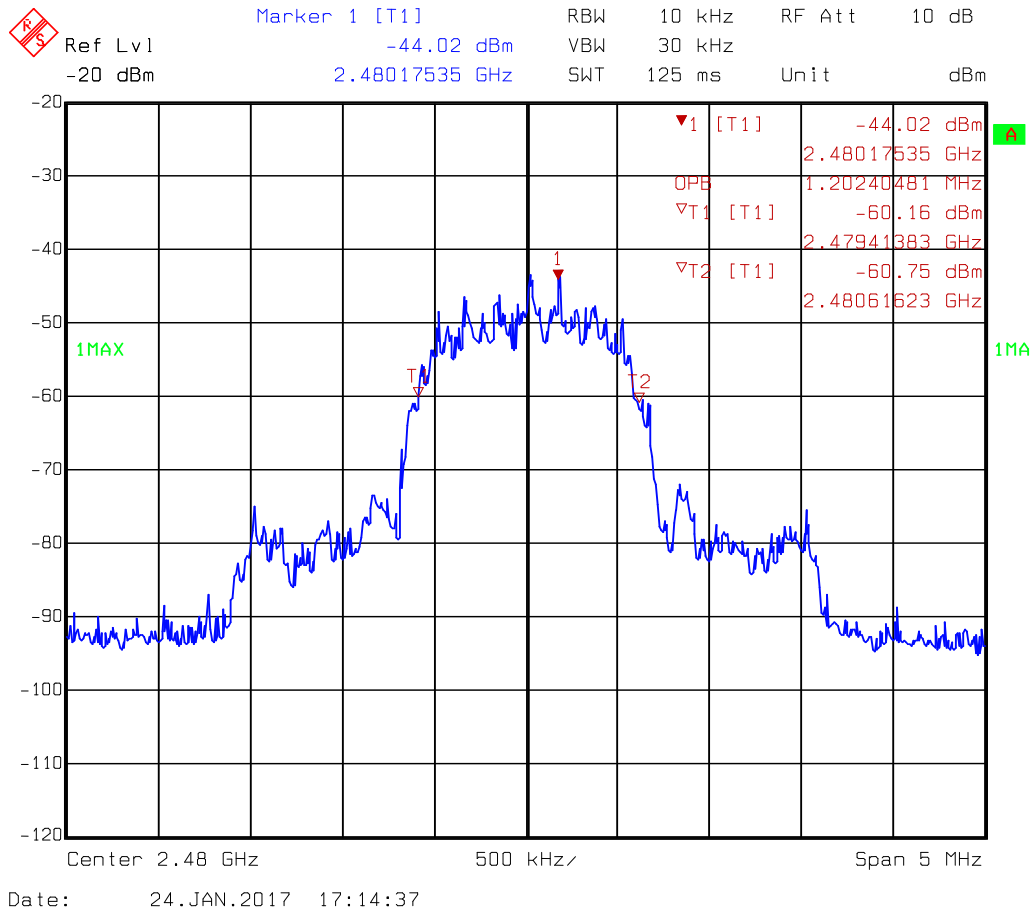


Occupied Bandwidth – 2-DH5-Sngl F_{HIGH}

Occupied Bandwidth

Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT 2DH5 2480 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)

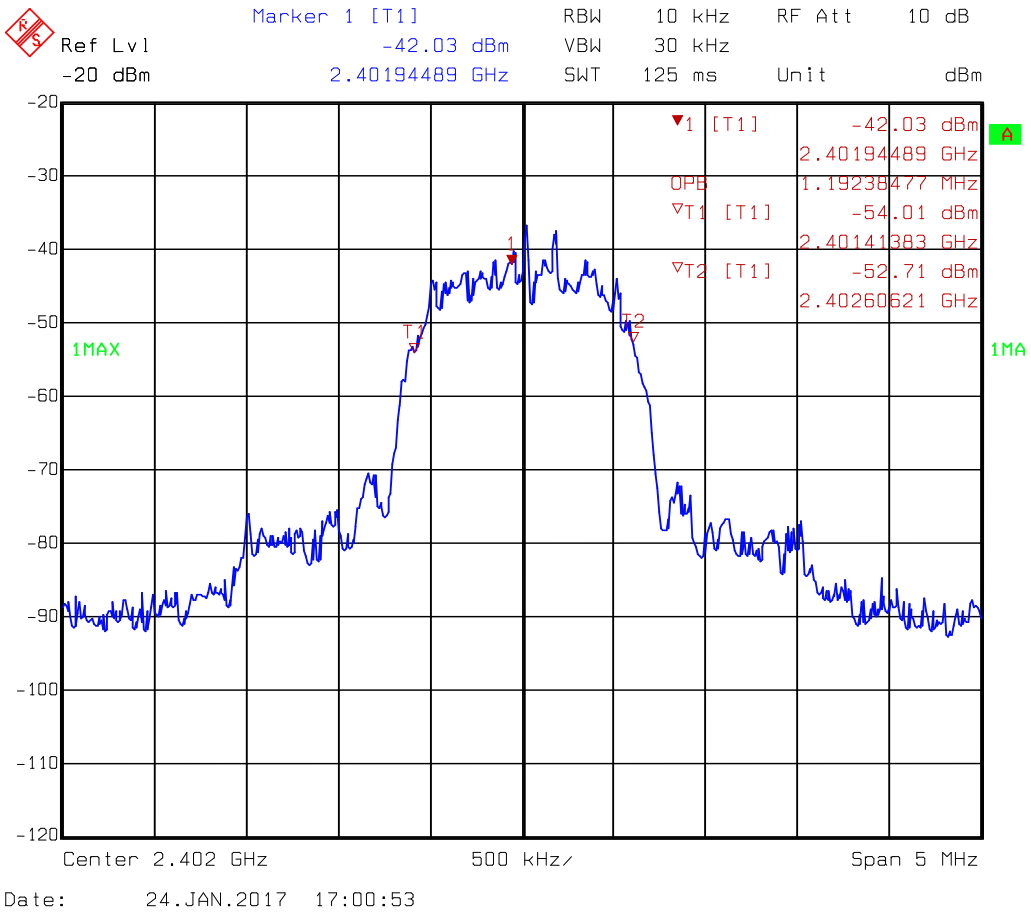


Occupied Bandwidth – 3-DH5-Sngl F_{LOW}

Occupied Bandwidth

Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT 3DH5 2402 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)

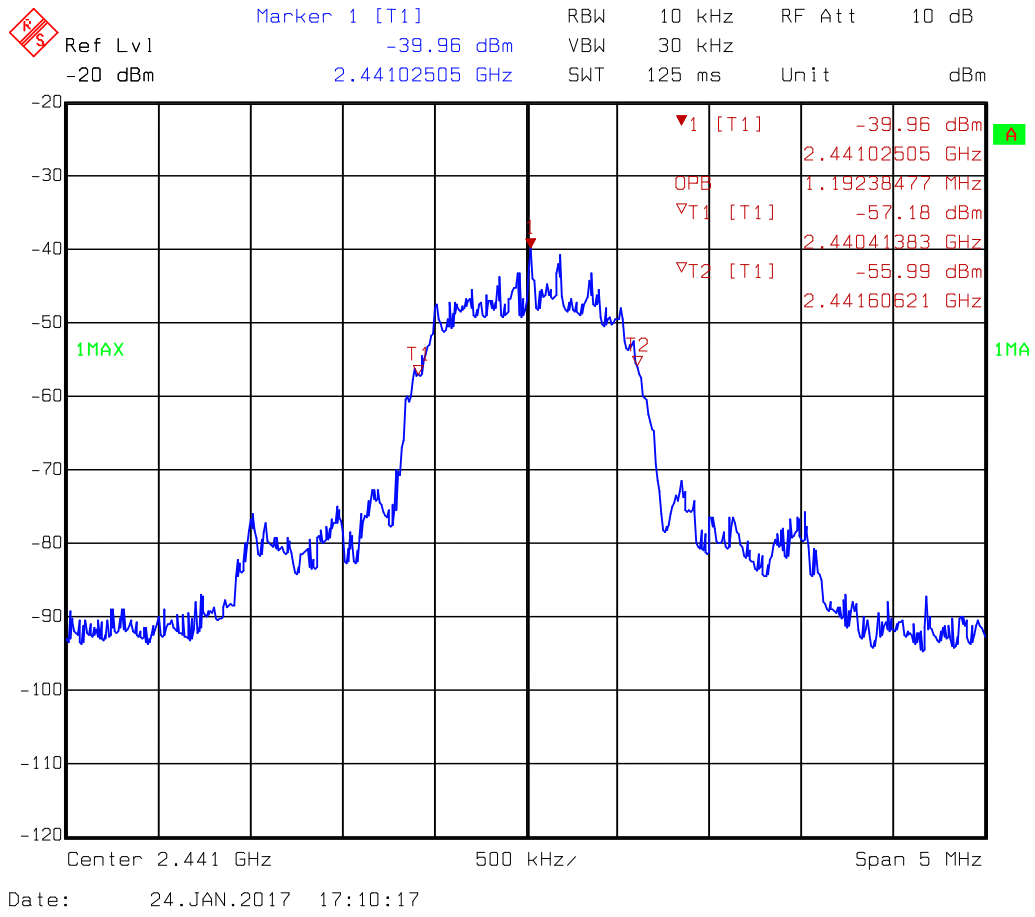


Occupied Bandwidth – 3-DH5-Sngl F_{MID}

Occupied Bandwidth

Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT 3DH5 2441 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)

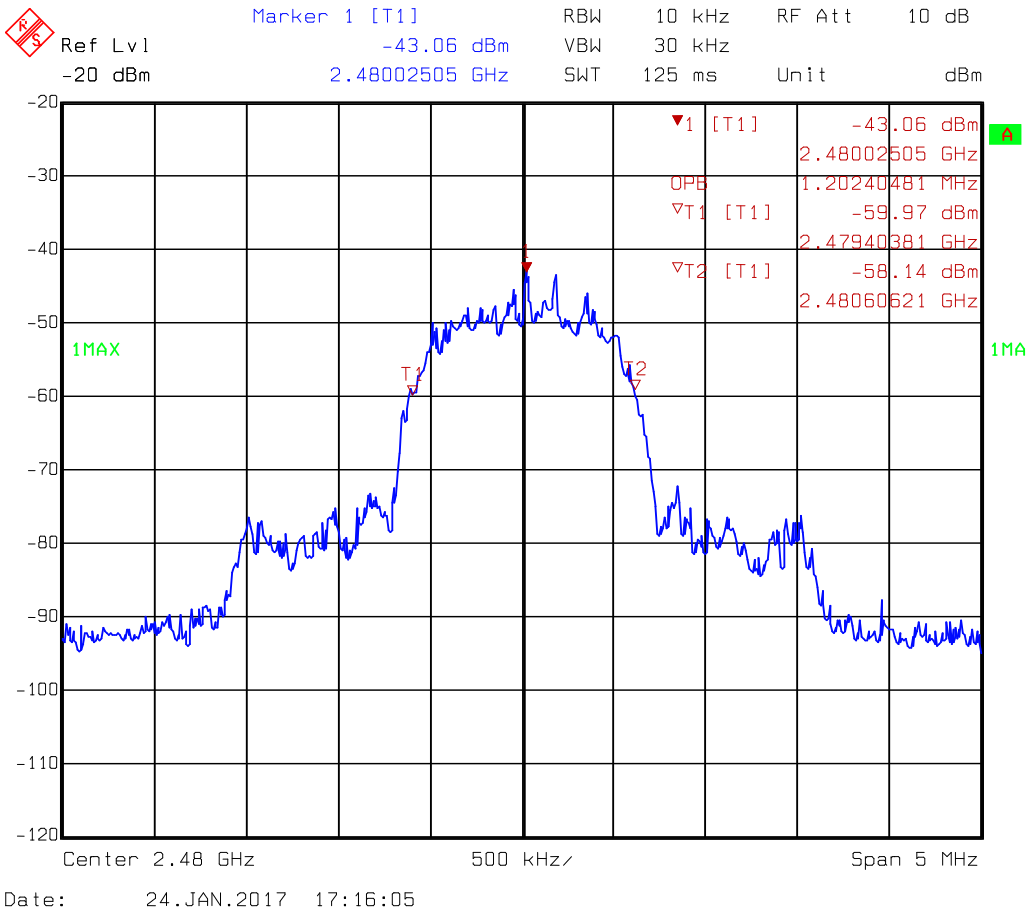


Occupied Bandwidth – 3-DH5-Sngl F_{HIGH}

Occupied Bandwidth

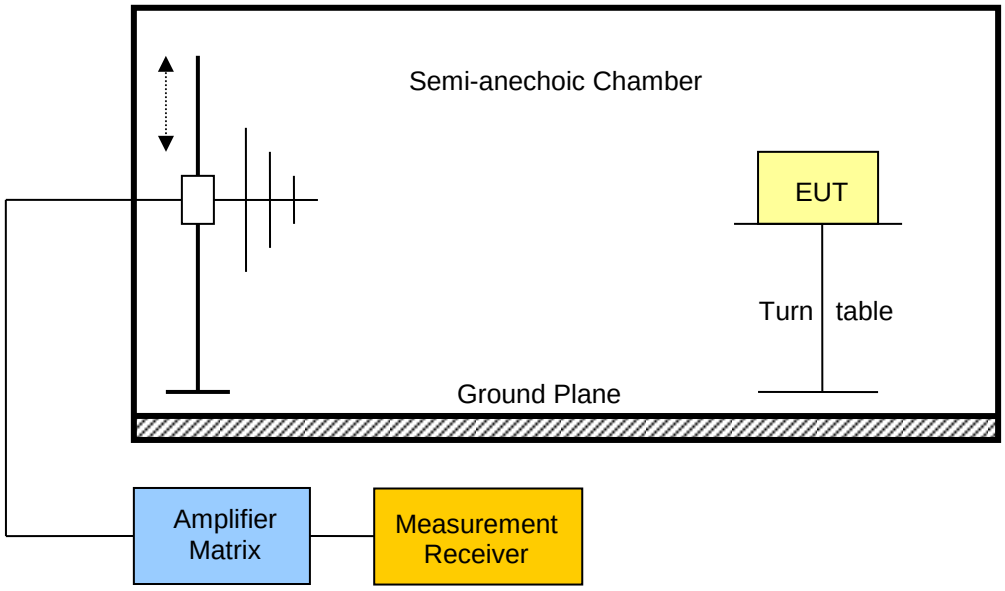
Project Number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Sebastian Suckow
Test Conditions:	Tnom / Vnom
Mode:	BT 3DH5 2480 MHz
Test Date:	2017-01-24
Verdict:	NONE (INFORMATION ONLY)



3.2 Test Conditions and Results – Transmitter radiated emissions

Transmitter radiated emissions acc. to FCC 47 CFR 15.247 / ISED RSS-247				**Verdict: PASS**
Test according referenced standards	Reference Method			
	FCC 15.247(d) / ISED RSS-247 5.5			
Test according to measurement reference	Reference Method			
	ANSI C63.10			
Test frequency range	Tested frequencies			
	30 MHz – 10th Harmonic			
Limits				
Frequency range [MHz]	Detector	Limit [µV/m]	Limit [dBµV/m]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3
Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)). When average radiated emission measurements are specified, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.				
Test setup				



Test procedure
1. EUT set to test mode (Communication tester is used if needed) 2. Span it set according to measurement range 3. Resolution bandwidth below 1 GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1 MHz with peak/average detector is used above 1 GHz 4. Markers are set to peak emission levels within restricted bands

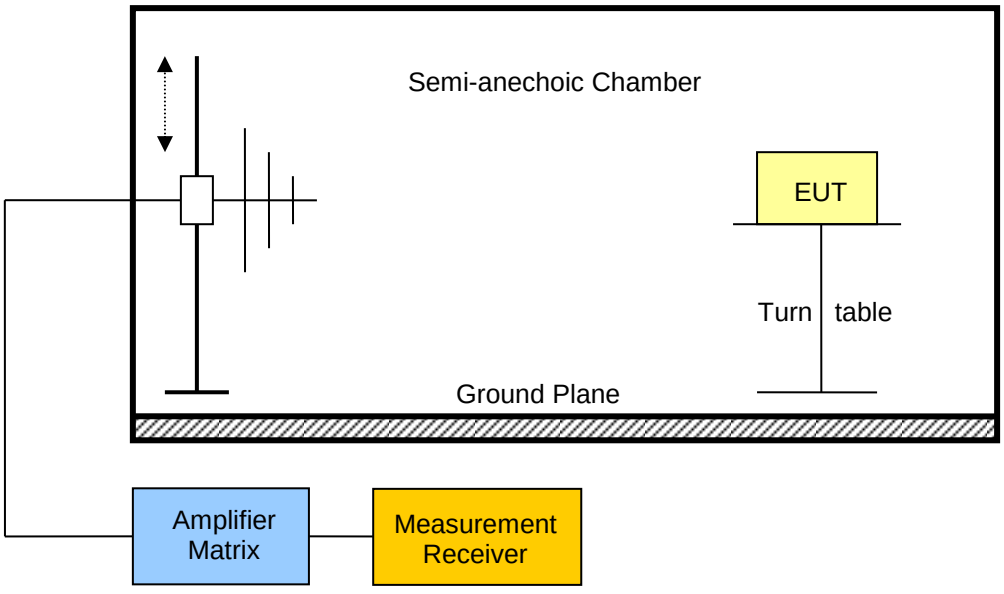
Test results

Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbµV/m]	Det.	Pol.	Limit [dbµV/m]	Limit dist. [m]*	Margin [dB]
F_{LOW}	2402	3DH5-Sngl	2499	64.03	pk	hor	74.00	3	-09.97
F_{LOW}	2402	3DH5-Sngl	2499	49.95	avg	hor	54.00	3	-04.05
F_{LOW}	2402	3DH5-Sngl	7504	48.87	pk	ver	74.00	3	-25.13
F_{LOW}	2402	3DH5-Sngl	17974	54.84	pk	ver	74.00	3	-19.16
F_{LOW}	2402	3DH5-Sngl	17974	42.13	avg	ver	54.00	3	-11.87
F_{LOW}	2402	3DH5-Sngl	17989	54.78	pk	hor	74.00	3	-19.22
F_{LOW}	2402	3DH5-Sngl	17989	42.43	avg	hor	54.00	3	-11.57
F_{LOW}	2402	3DH5-Sngl	19207	48.99	pk	ver	74.00	3	-25.01
F_{LOW}	2402	3DH5-Sngl	19215	49.72	pk	hor	74.00	3	-24.28
F_{LOW}	2402	3DH5-Sngl	19215	30.51	avg	hor	54.00	3	-23.49
F_{MID}	2441	3DH5-Sngl	2330	47.78	pk	ver	74.00	3	-26.22
F_{MID}	2441	3DH5-Sngl	2383	49.02	pk	hor	74.00	3	-24.98
F_{MID}	2441	3DH5-Sngl	2385	53.19	pk	ver	74.00	3	-20.81
F_{MID}	2441	3DH5-Sngl	2385	26.36	avg	ver	54.00	3	-27.64
F_{MID}	2441	3DH5-Sngl	7320	51.42	pk	ver	74.00	3	-22.58
F_{MID}	2441	3DH5-Sngl	7408	50.62	pk	hor	74.00	3	-23.38
F_{MID}	2441	3DH5-Sngl	14640	56.46	pk	hor	95.00	3	-38.54
F_{MID}	2441	3DH5-Sngl	17992	55.43	pk	ver	74.00	3	-18.57
F_{MID}	2441	3DH5-Sngl	17992	42.35	avg	ver	54.00	3	-11.65
F_{MID}	2441	3DH5-Sngl	17999	54.91	pk	hor	74.00	3	-19.09
F_{MID}	2441	3DH5-Sngl	17999	42.23	avg	hor	54.00	3	-11.77
F_{MID}	2441	3DH5-Sngl	19513	44.61	pk	hor	74.00	3	-29.39
F_{MID}	2441	3DH5-Sngl	19513	47.74	pk	ver	74.00	3	-26.26
F_{HIGH}	2480	3DH5-Sngl	2330	50.09	pk	ver	74.00	3	-23.91
F_{HIGH}	2480	3DH5-Sngl	2389	49.19	pk	hor	74.00	3	-24.81
F_{HIGH}	2480	3DH5-Sngl	2389	51.74	pk	ver	74.00	3	-22.26
F_{HIGH}	2480	3DH5-Sngl	2484	63.31	pk	ver	74.00	3	-10.69
F_{HIGH}	2480	3DH5-Sngl	2484	49.89	avg	ver	54.00	3	-04.11

F_{HIGH}	2480	3DH5-Sngl	2488	62.61	pk	hor	74.00	3	-11.39
F_{HIGH}	2480	3DH5-Sngl	2488	49.90	avg	hor	54.00	3	-04.10
F_{HIGH}	2480	3DH5-Sngl	2506	52.66	pk	ver	95.00	3	-42.34
F_{HIGH}	2480	3DH5-Sngl	7440	50.16	pk	hor	74.00	3	-23.84
F_{HIGH}	2480	3DH5-Sngl	7440	51.33	pk	ver	74.00	3	-22.67
F_{HIGH}	2480	3DH5-Sngl	14868	55.16	pk	hor	95.00	3	-39.84
F_{HIGH}	2480	3DH5-Sngl	14880	51.74	pk	ver	95.00	3	-43.26
F_{HIGH}	2480	3DH5-Sngl	17988	55.41	pk	hor	74.00	3	-18.59
F_{HIGH}	2480	3DH5-Sngl	17988	42.31	avg	hor	54.00	3	-11.69
F_{HIGH}	2480	3DH5-Sngl	17992	54.44	pk	ver	74.00	3	-19.56
F_{HIGH}	2480	3DH5-Sngl	17992	42.30	avg	ver	54.00	3	-11.70
F_{HIGH}	2480	3DH5-Sngl	19831	39.62	pk	hor	74.00	3	-34.38
Comments: * Physical distance between EUT and measurement antenna.									

3.3 Test Conditions and Results – Receiver radiated emissions

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



Test procedure
1. EUT set to receive mode (Communication tester is used if needed) 2. Span it set according to measurement range 3. Resolution bandwidth below 1 GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1 MHz with peak/average detector is used above 1 GHz 4. Markers are set to peak emission levels

Test results

Channel	Frequency [MHz]	Emission [MHz]	Emission Level [dbµV/m]	Polarisation	Det.	Limit [dbµV/m]	Margin [dbµV/m]
F_{MID}	No significant spurious emissions						

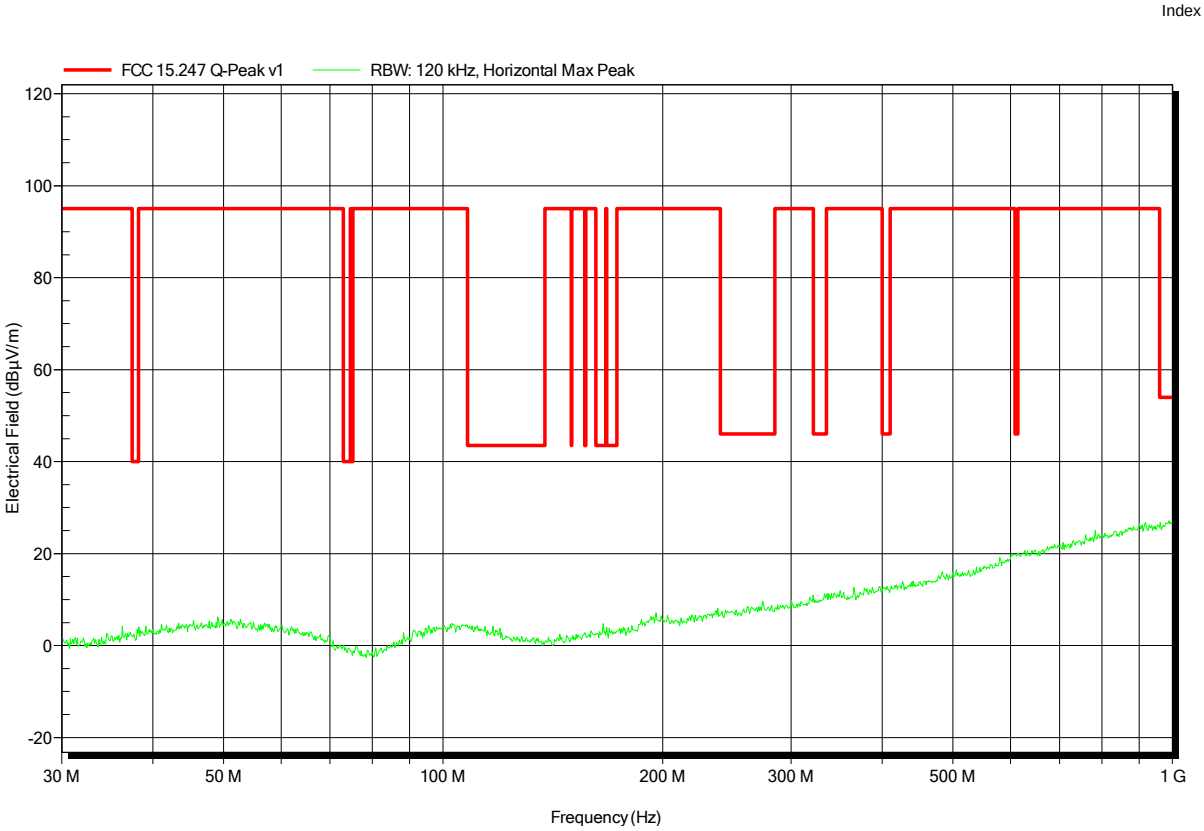
Comments:
* Physical distance between EUT and measurement antenna.
** Emission level corresponds to ambient noise floor

ANNEX A Transmitter radiated spurious emissions

Radiated emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Unom: 3.7 VDC
Antenna:	Schwarzbeck VULB 9162, Horizontal
Measurement distance:	3 m
Mode:	BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

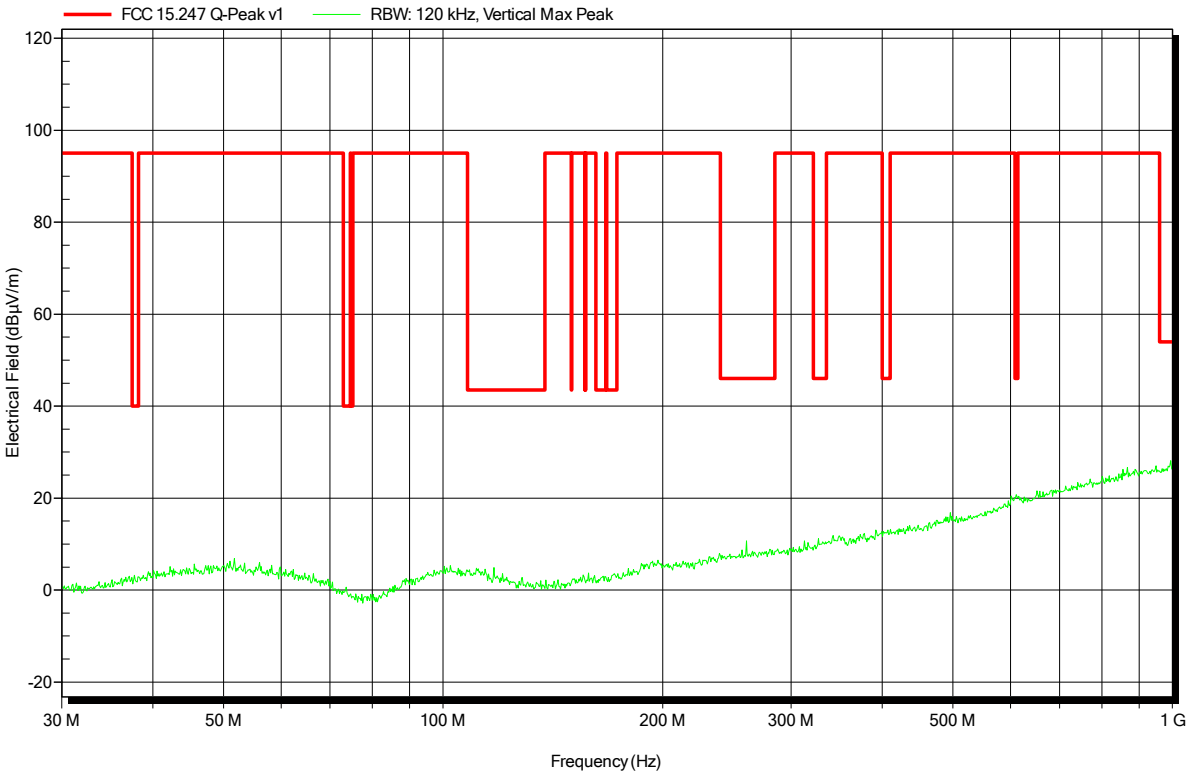


Radiated emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Unom: 3.7 VDC
Antenna:	Schwarzbeck VULB 9162, Vertical
Measurement distance:	3 m
Mode:	BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 2

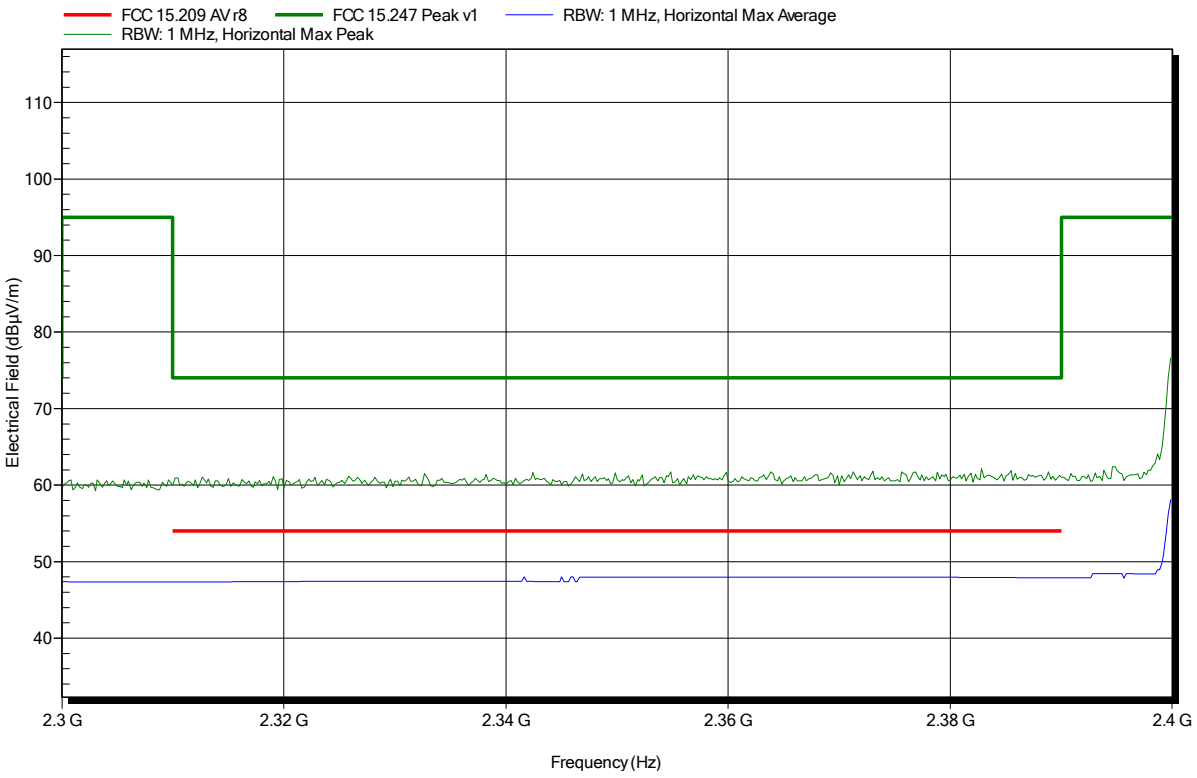


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 18

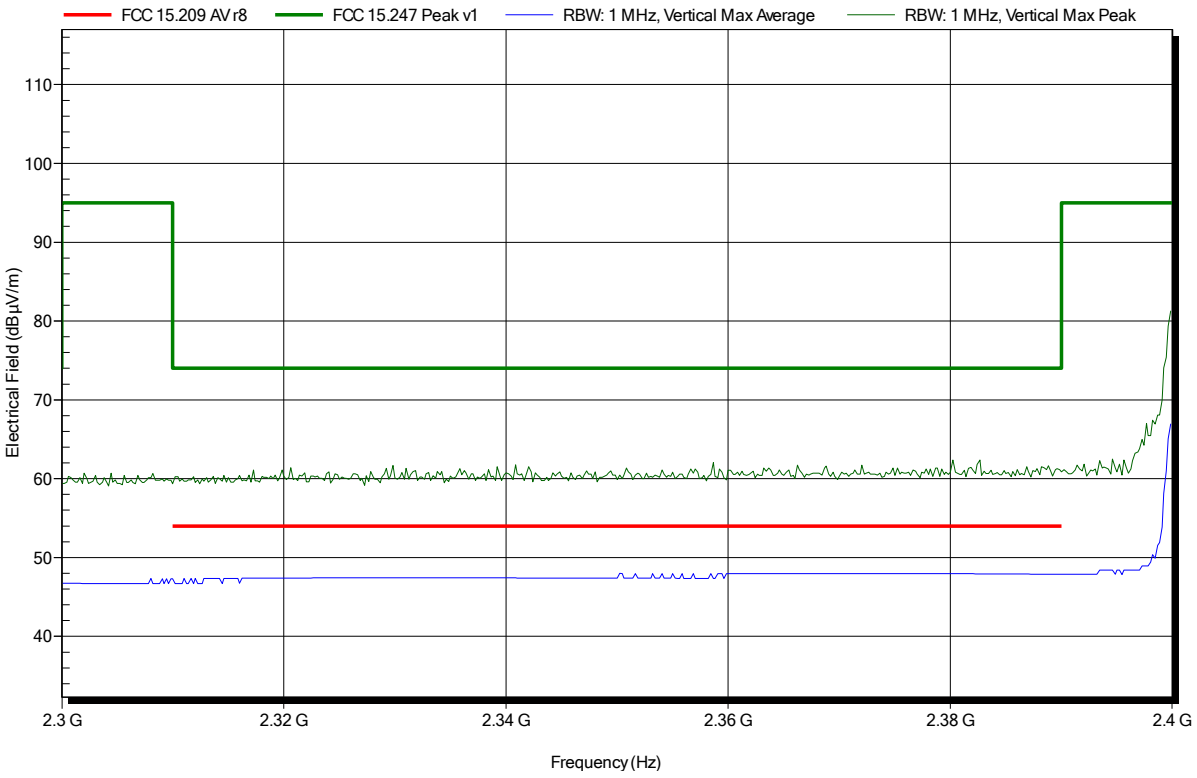


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 12

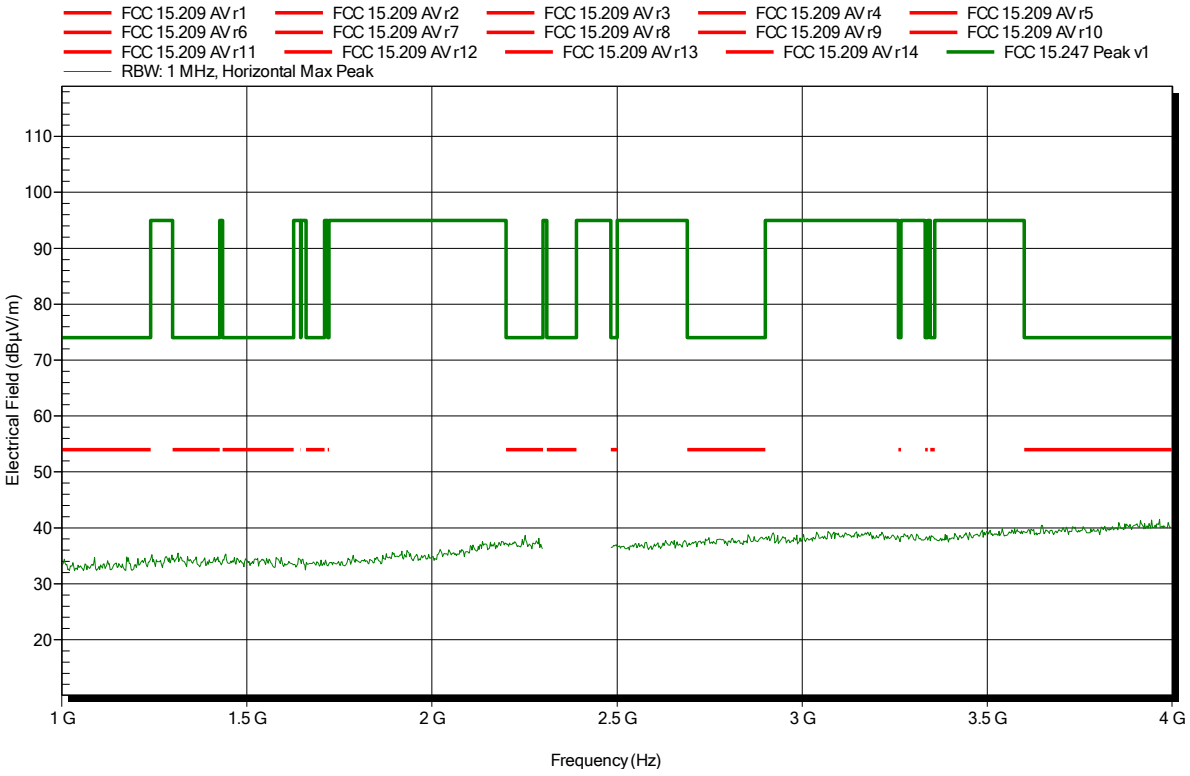


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 17

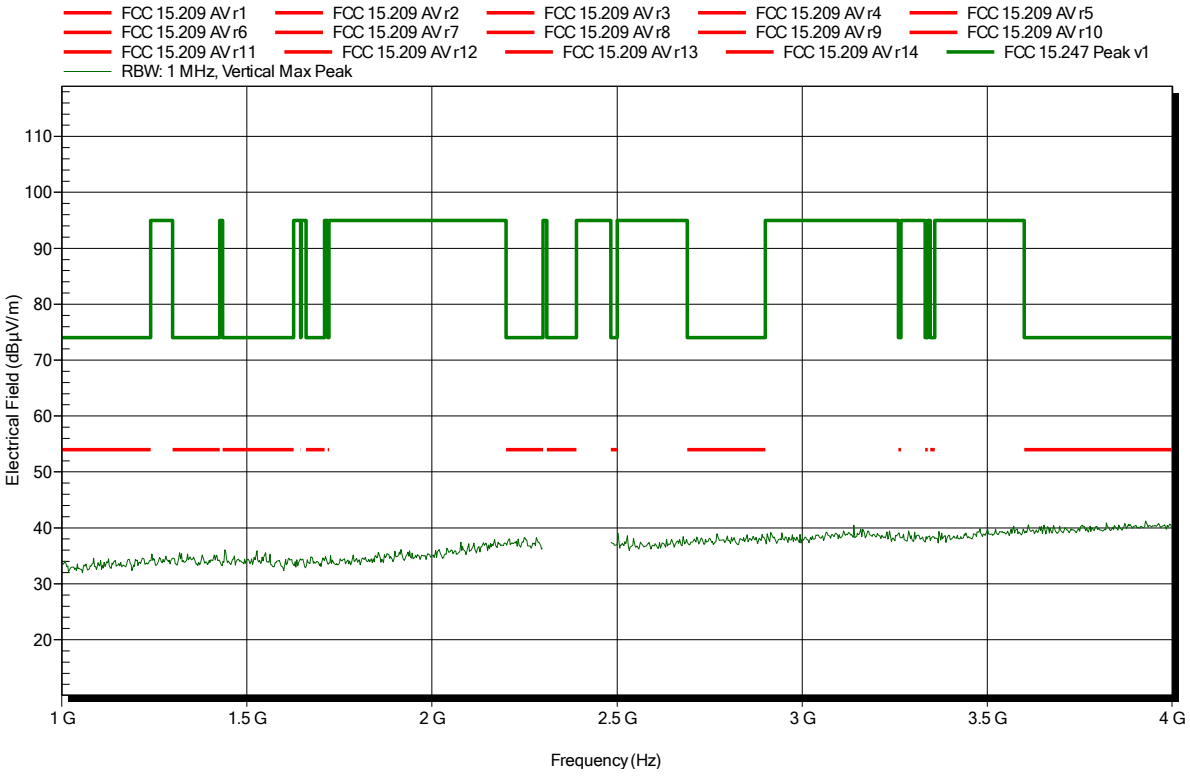


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 10

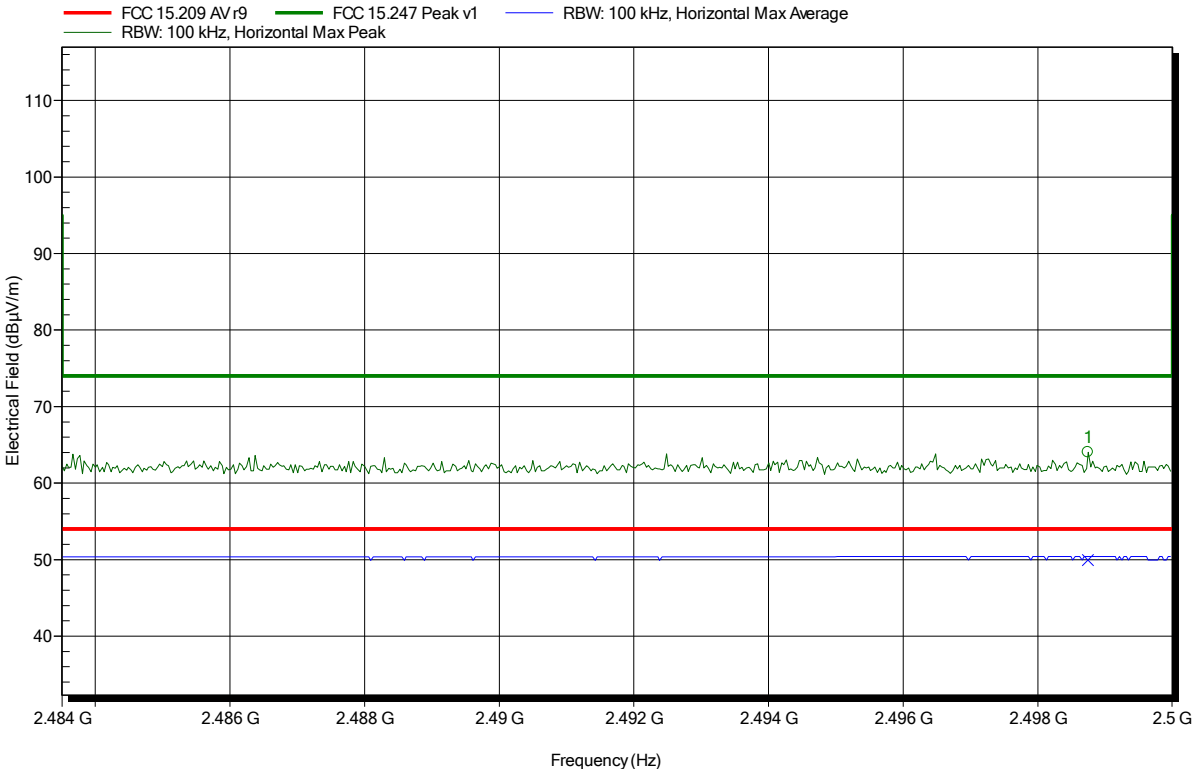


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 20



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.499 GHz	64.03 dBµV/m	74 dBµV/m	-9.97 dB	Pass

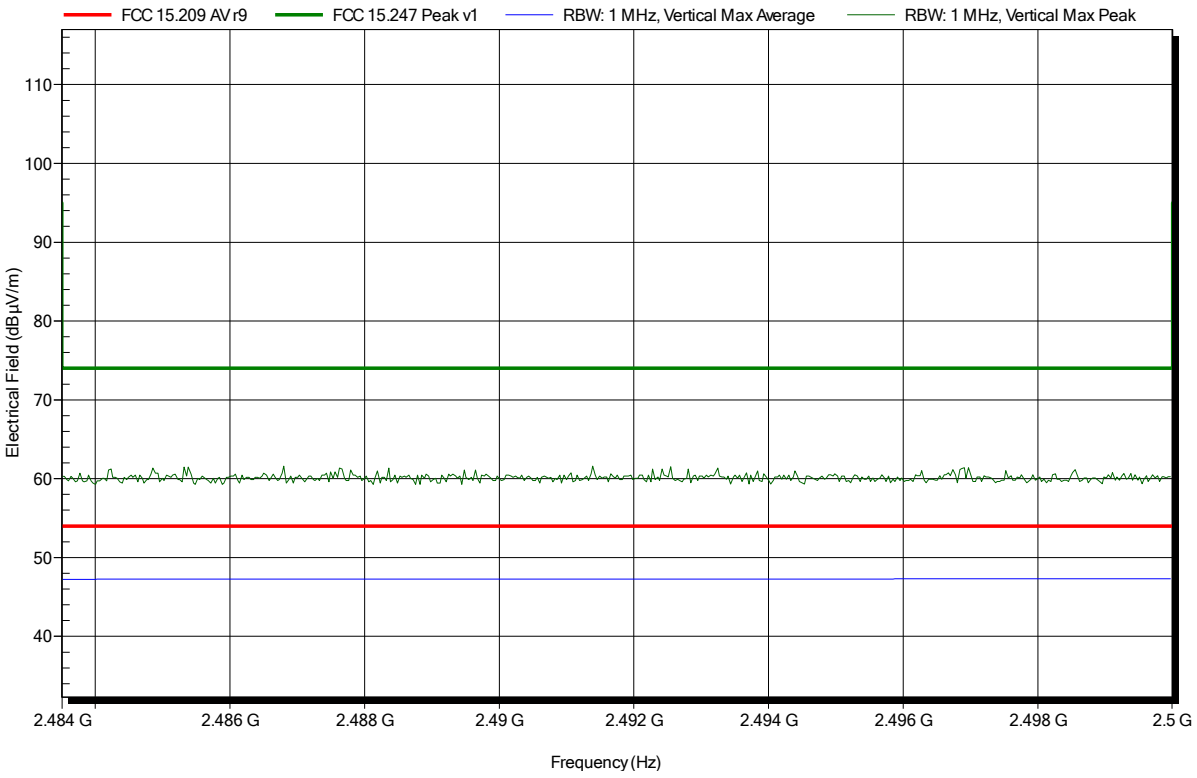
Frequency	Average	Average Limit	Average Difference	Average Status
2.499 GHz	49.95 dBµV/m	54 dBµV/m	-4.05 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 11

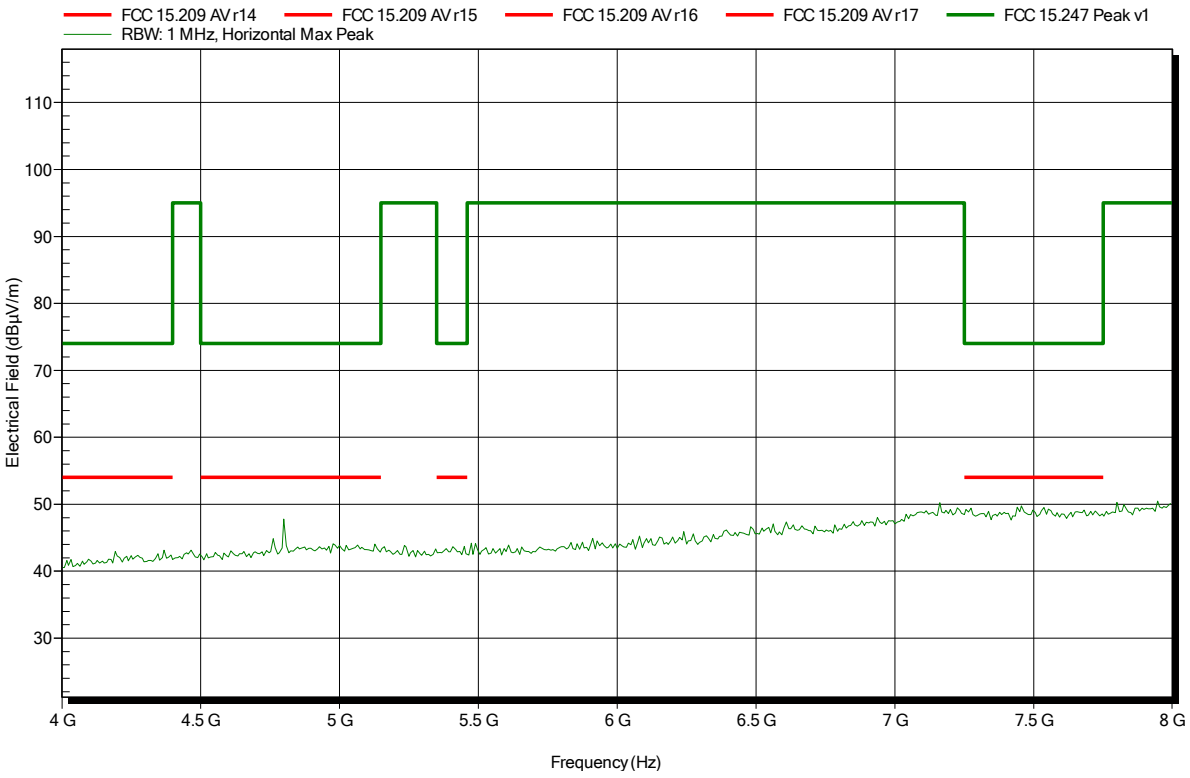


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 16

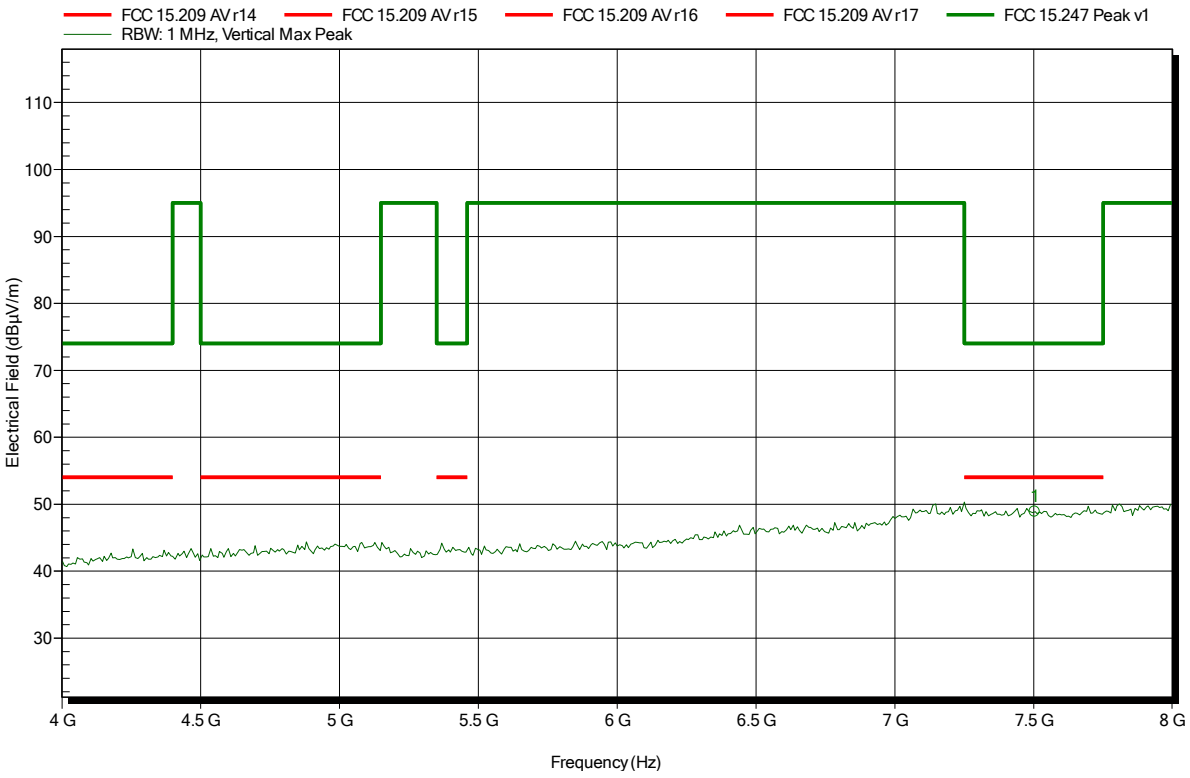


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 13



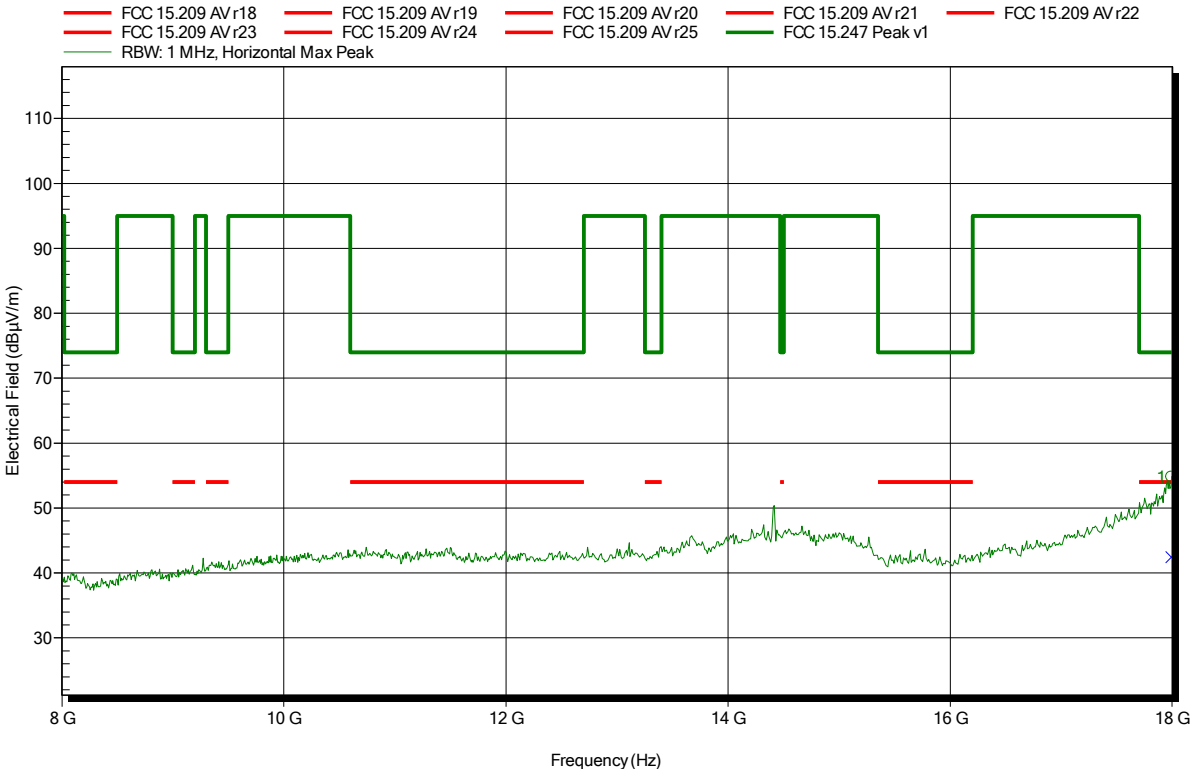
Frequency	Peak	Peak Limit	Peak Difference	Status
7.504 GHz	48.87 dBµV/m	74 dBµV/m	-25.13 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 40



Frequency	Peak	Peak Limit	Peak Difference	Status
17.989 GHz	54.78 dBµV/m	74 dBµV/m	-19.22 dB	Pass

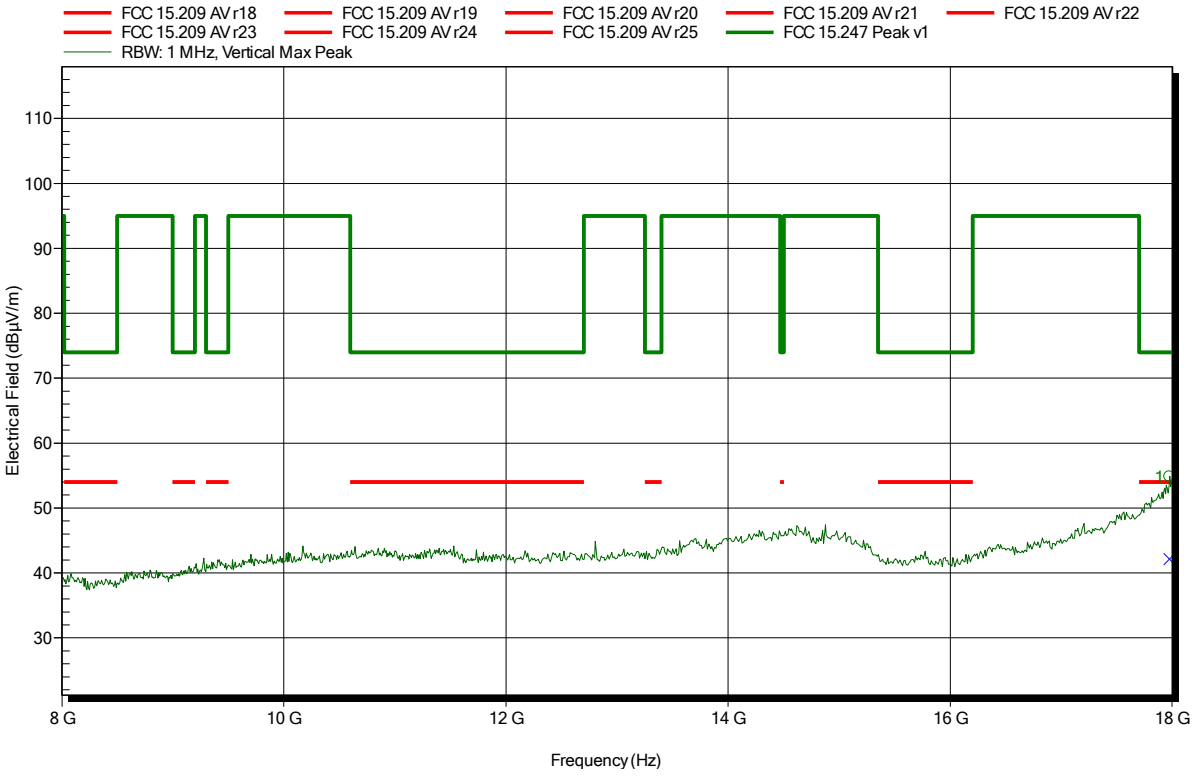
Frequency	Average	Average Limit	Average Difference	Average Status
17.989 GHz	42.43 dBµV/m	54 dBµV/m	-11.57 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 39



Frequency	Peak	Peak Limit	Peak Difference	Status
17.974 GHz	54.84 dBµV/m	74 dBµV/m	-19.16 dB	Pass

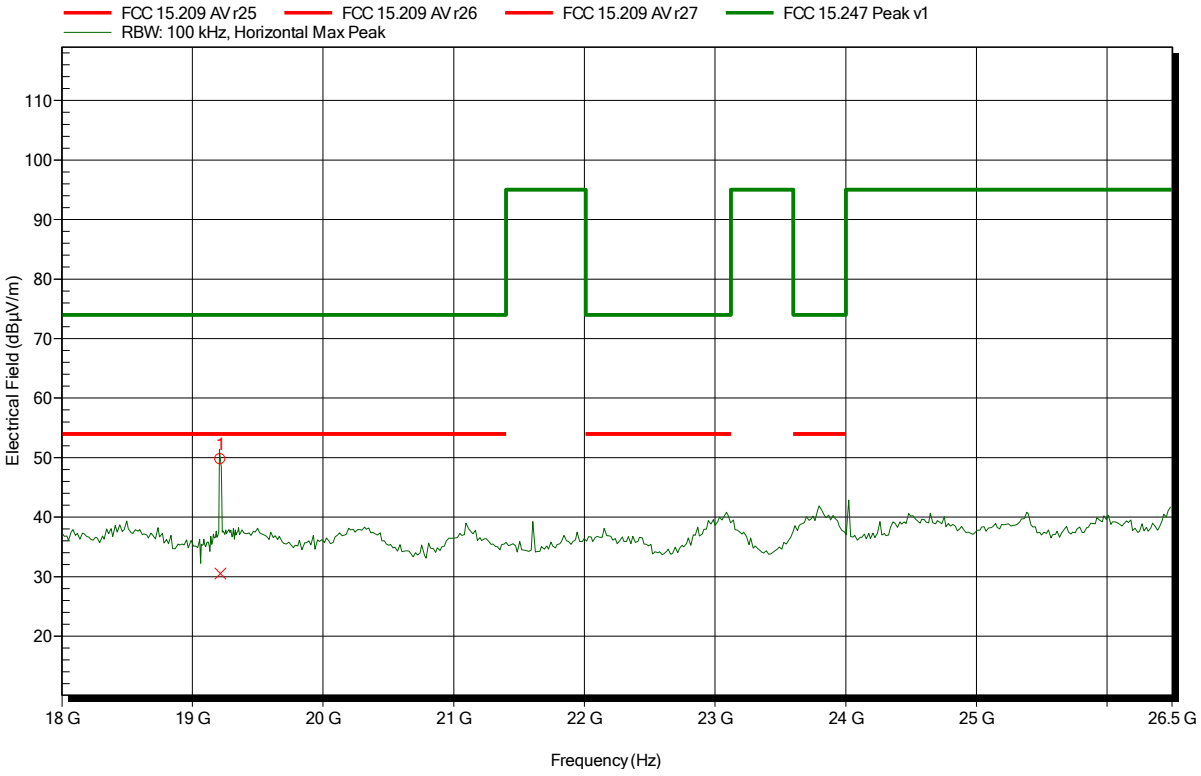
Frequency	Average	Average Limit	Average Difference	Average Status
17.974 GHz	42.13 dBµV/m	54 dBµV/m	-11.87 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	ATH18G40, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 48



Frequency	Peak	Peak Limit	Peak Difference	Status
19.215 GHz	49.72 dBµV/m	74 dBµV/m	-24.28 dB	Pass

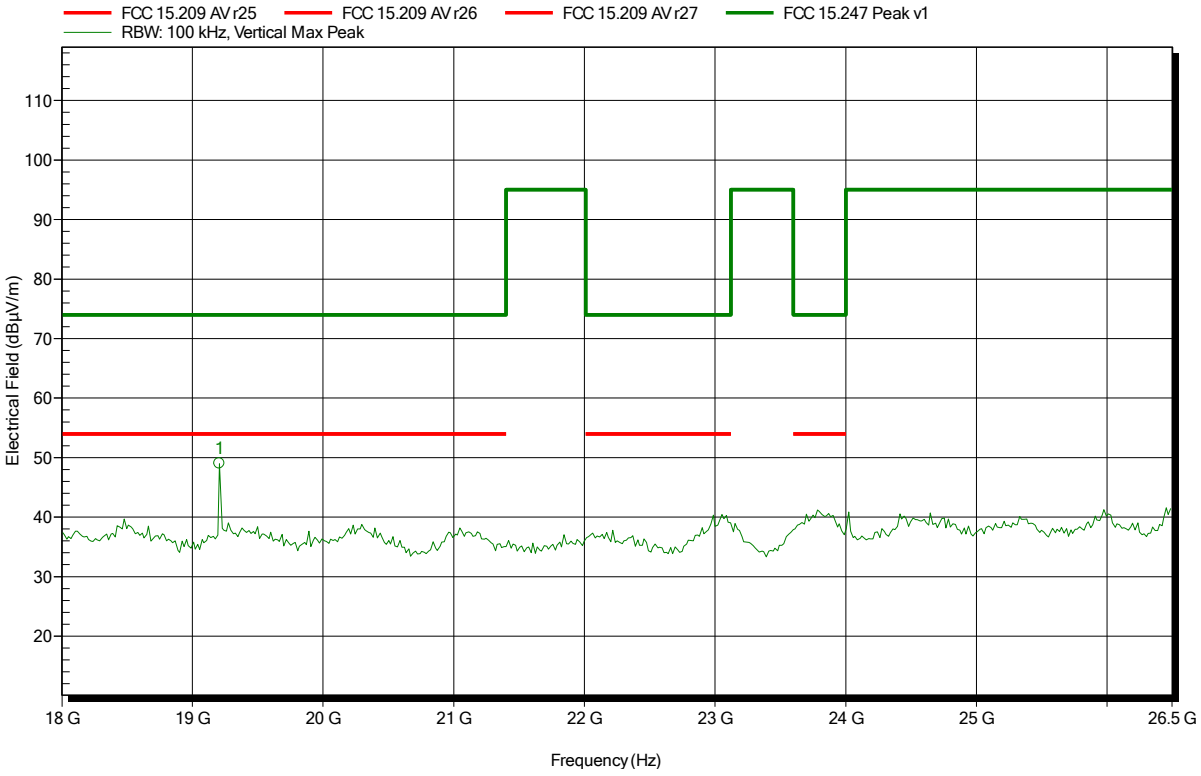
Frequency	Average	Average Limit	Average Difference	Average Status
19.215 GHz	30.51 dBµV/m	54 dBµV/m	-23.49 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	ATH18G40, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2402 MHz
Test Date:	2017-01-23
Note:	

Index 49



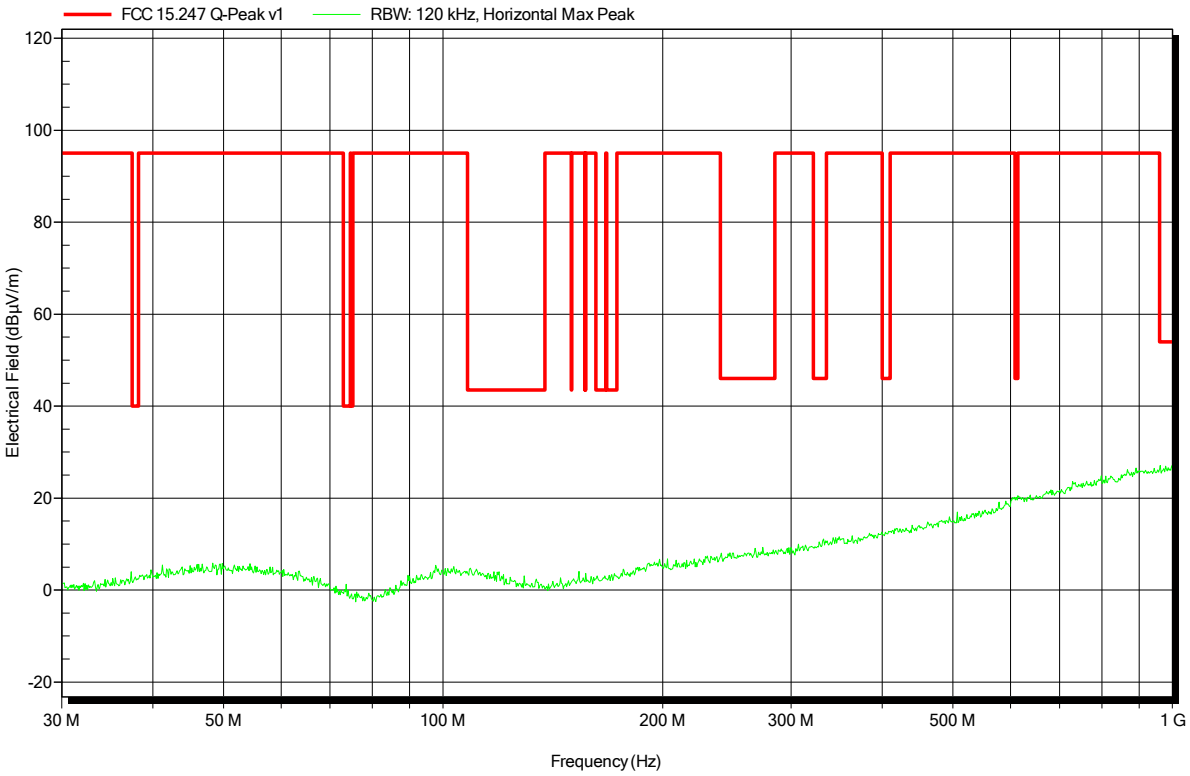
Frequency	Peak	Peak Limit	Peak Difference	Status
19.207 GHz	48.99 dBµV/m	74 dBµV/m	-25.01 dB	Pass

Radiated emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Unom: 3.7 VDC
Antenna:	Schwarzbeck VULB 9162, Horizontal
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 4

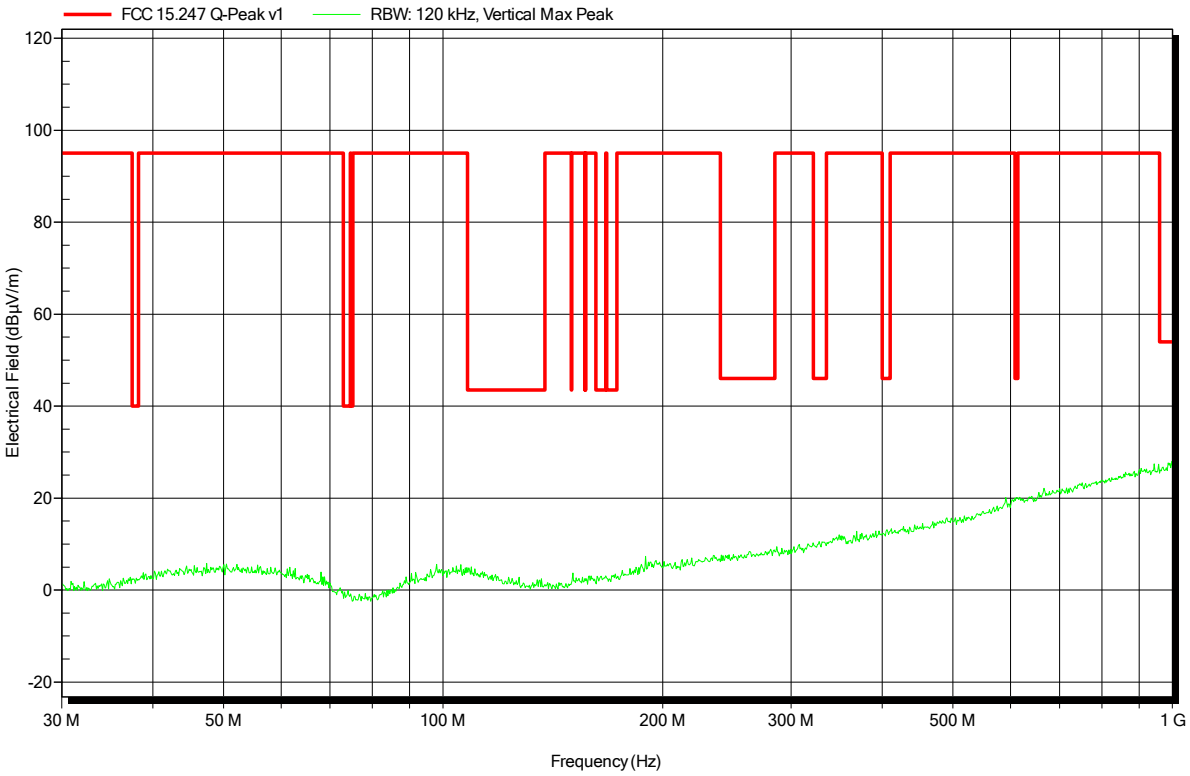


Radiated emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Unom: 3.7 VDC
Antenna:	Schwarzbeck VULB 9162, Vertical
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 3

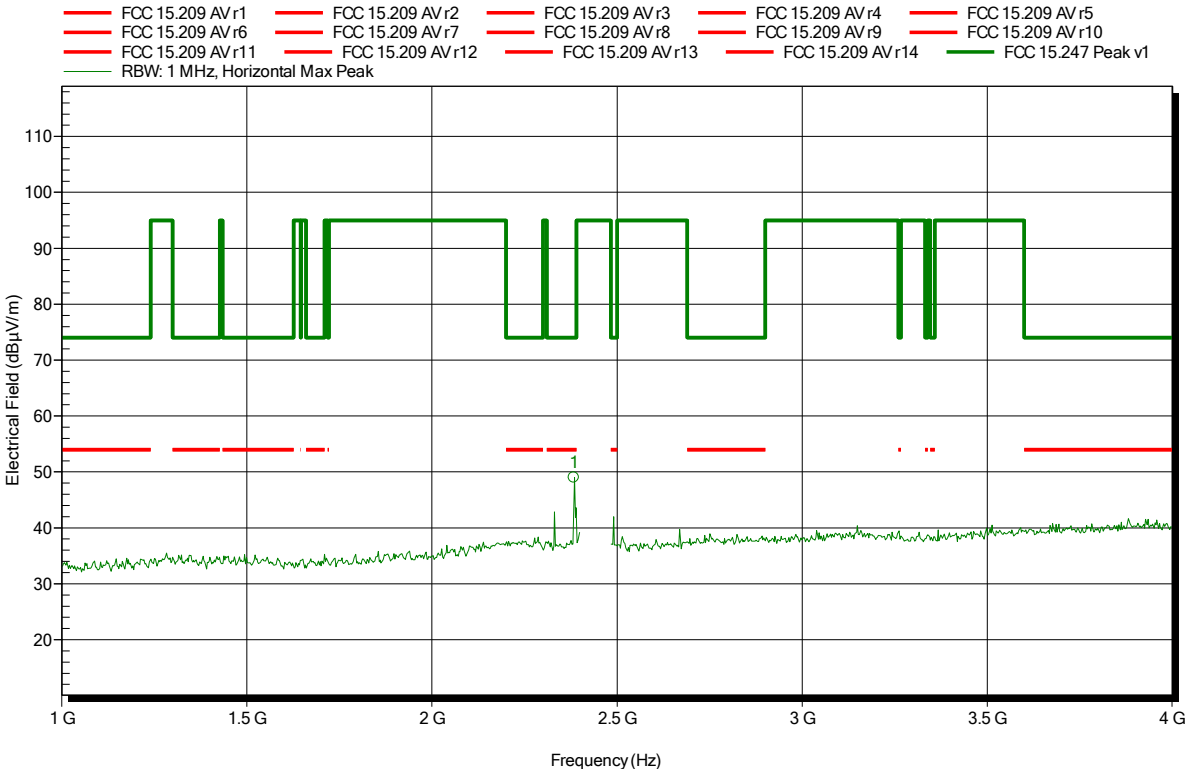


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 22



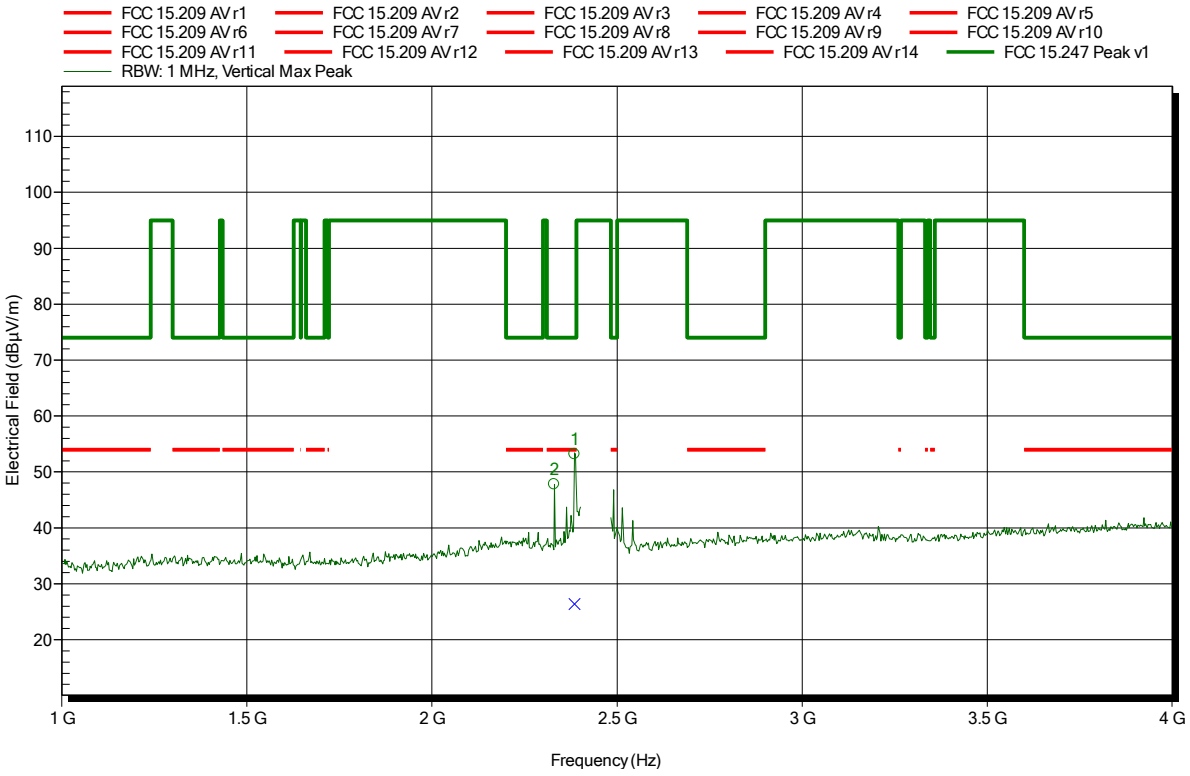
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.383 GHz	49.02 dBµV/m	74 dBµV/m	-24.98 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 25



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.33 GHz	47.78 dBµV/m	74 dBµV/m	-26.22 dB	Pass
2.385 GHz	53.19 dBµV/m	74 dBµV/m	-20.81 dB	Pass

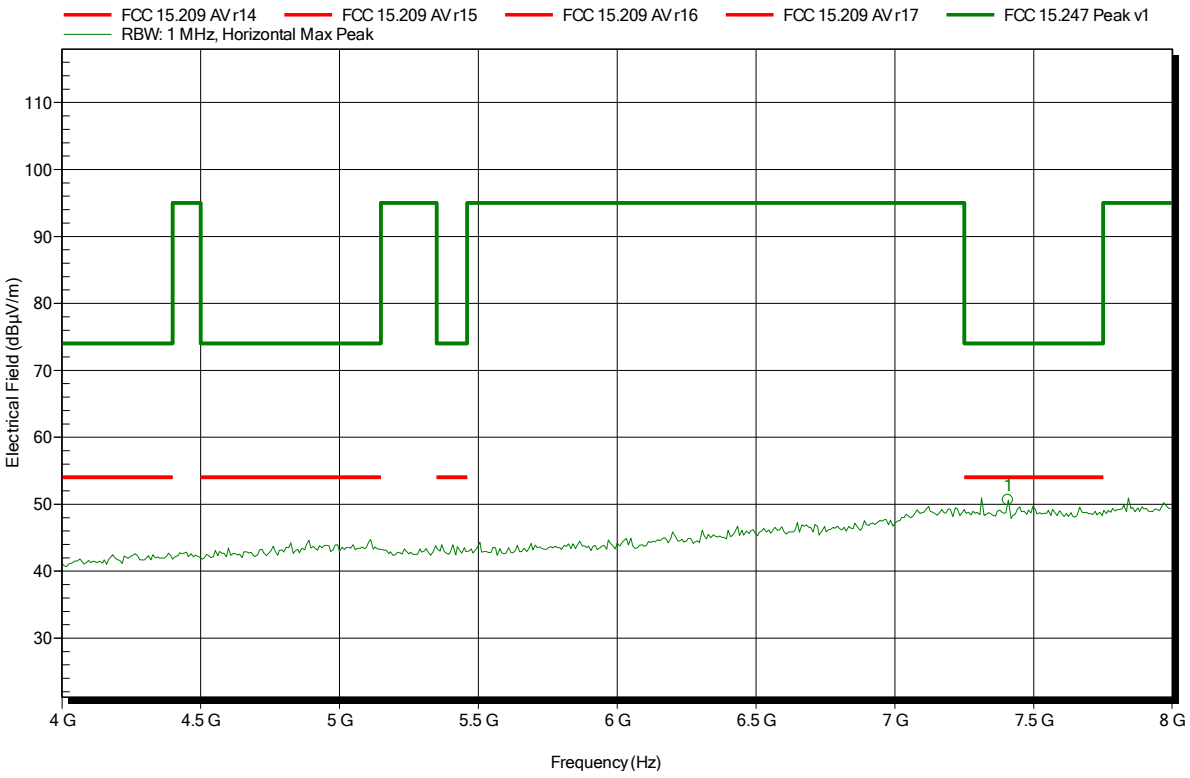
Frequency	Average	Average Limit	Average Difference	Average Status
2.385 GHz	26.36 dBµV/m	54 dBµV/m	-27.64 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 23



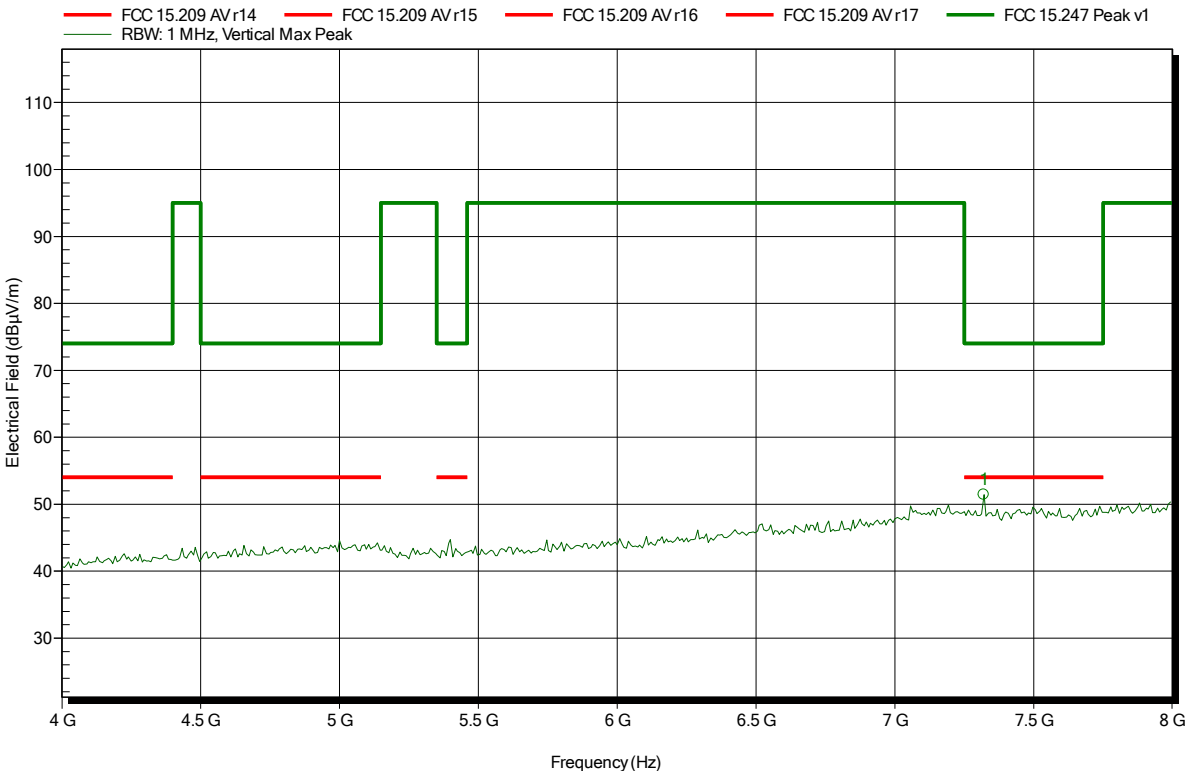
Frequency	Peak	Peak Limit	Peak Difference	Status
7.408 GHz	50.62 dBµV/m	74 dBµV/m	-23.38 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 24



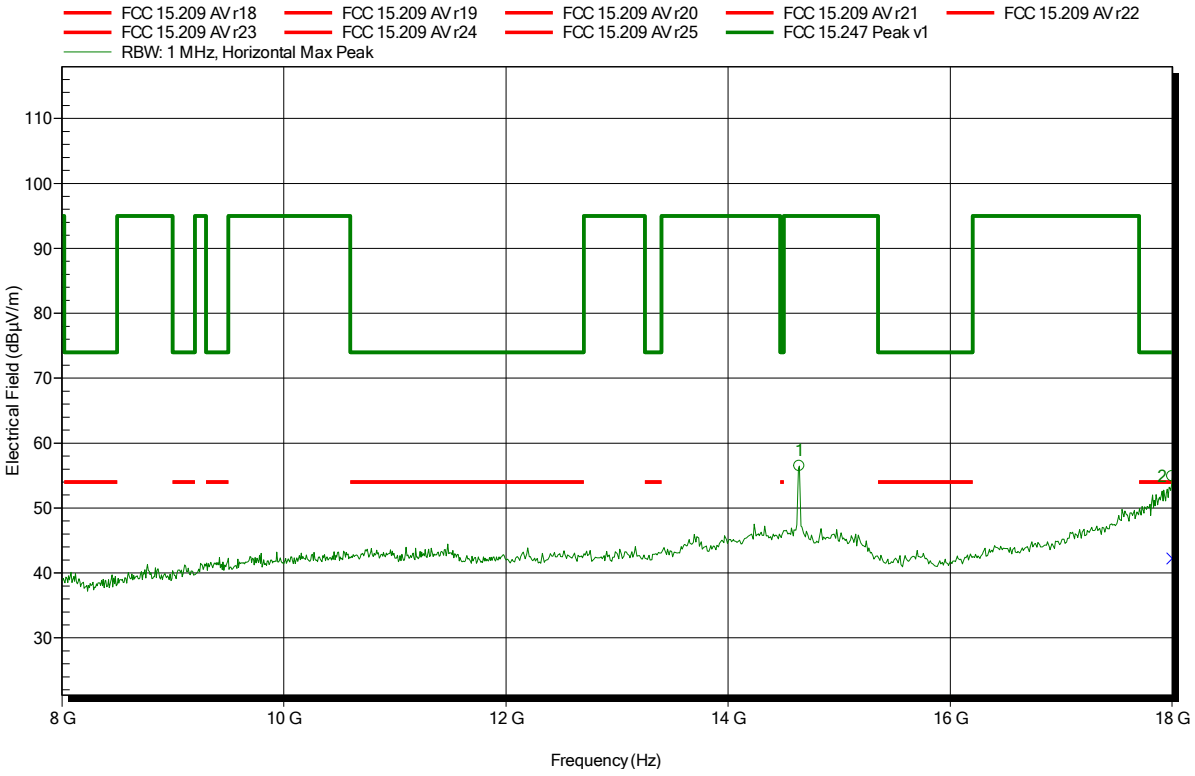
Frequency	Peak	Peak Limit	Peak Difference	Status
7.32 GHz	51.42 dBµV/m	74 dBµV/m	-22.58 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 41



Frequency	Peak	Peak Limit	Peak Difference	Status
14.64 GHz	56.46 dBµV/m	95 dBµV/m	-38.54 dB	Pass
17.999 GHz	54.91 dBµV/m	74 dBµV/m	-19.09 dB	Pass

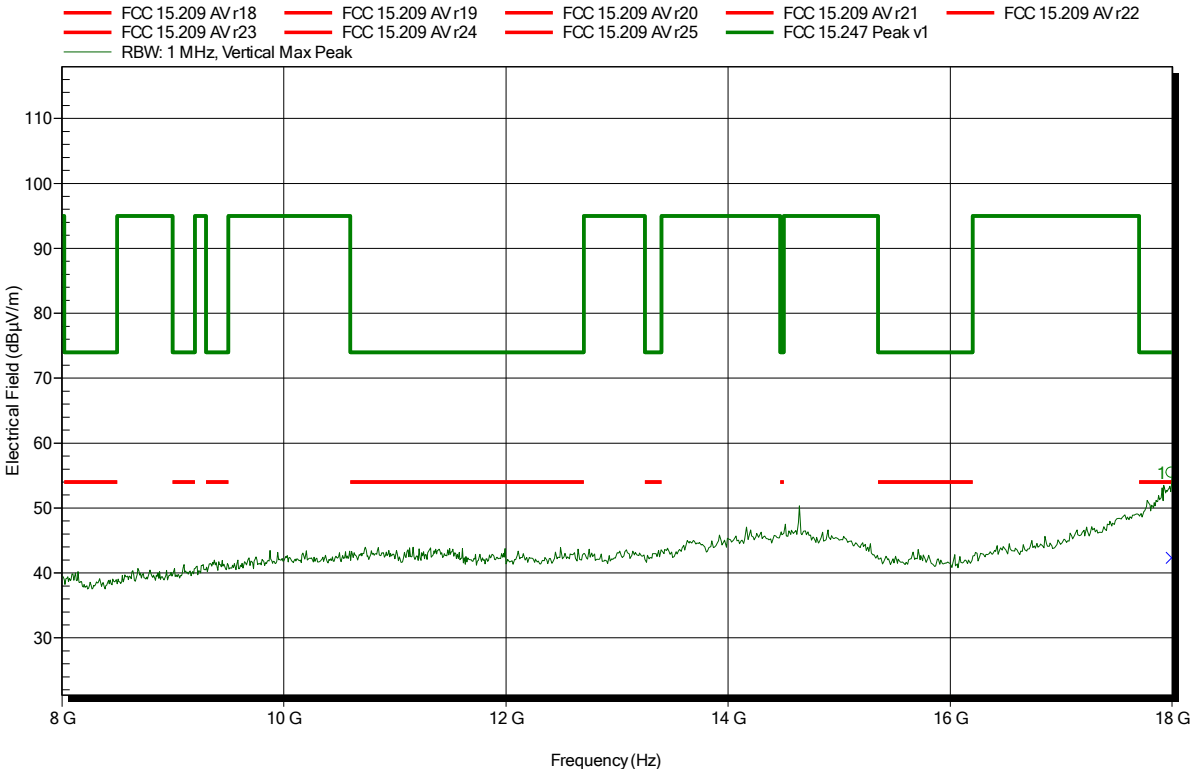
Frequency	Average	Average Limit	Average Difference	Average Status
17.999 GHz	42.23 dBµV/m	54 dBµV/m	-11.77 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 42



Frequency	Peak	Peak Limit	Peak Difference	Status
17.992 GHz	55.43 dBµV/m	74 dBµV/m	-18.57 dB	Pass

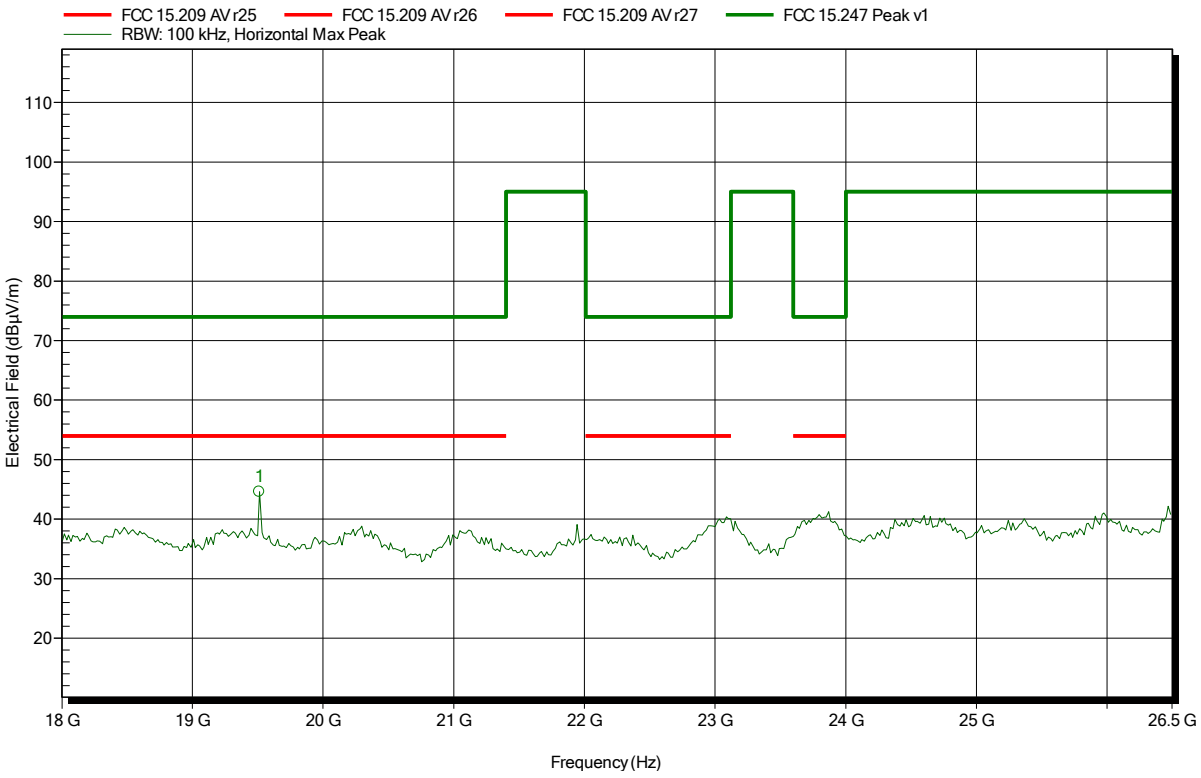
Frequency	Average	Average Limit	Average Difference	Average Status
17.992 GHz	42.35 dBµV/m	54 dBµV/m	-11.65 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	ATH18G40, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 51



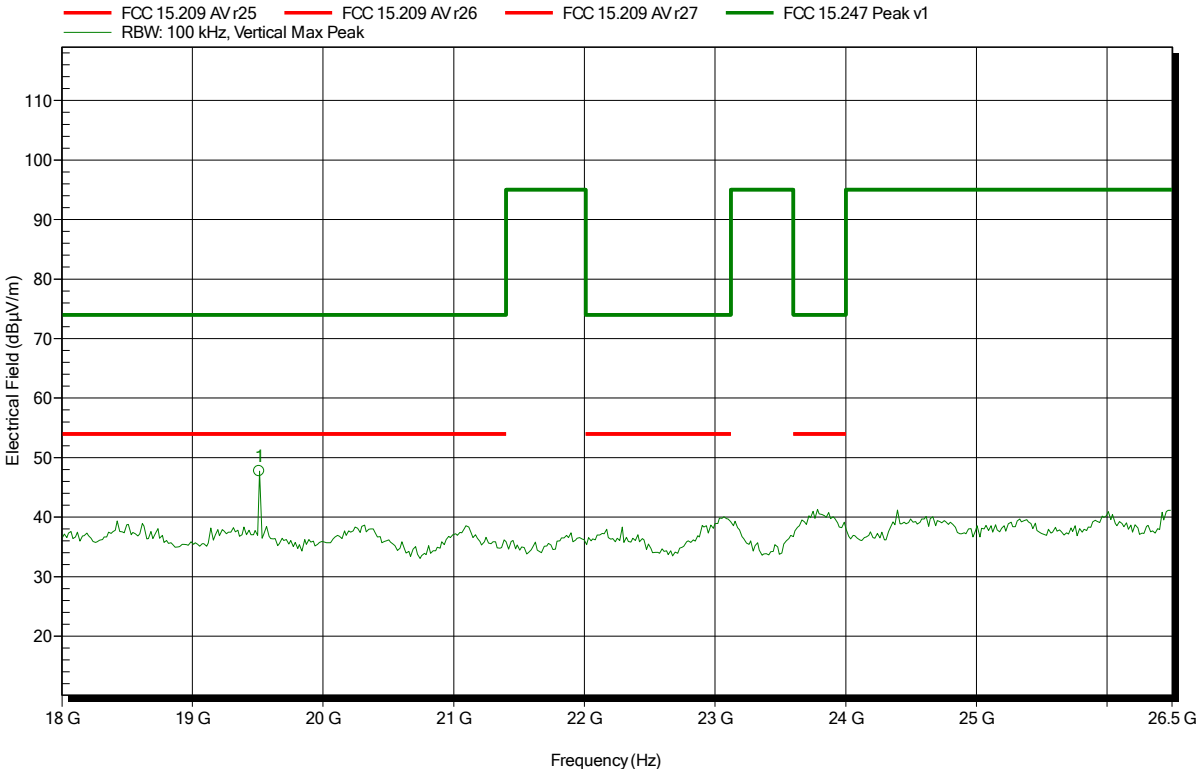
Frequency	Peak	Peak Limit	Peak Difference	Status
19.513 GHz	44.61 dBµV/m	74 dBµV/m	-29.39 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	ATH18G40, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2441 MHz
Test Date:	2017-01-23
Note:	

Index 50



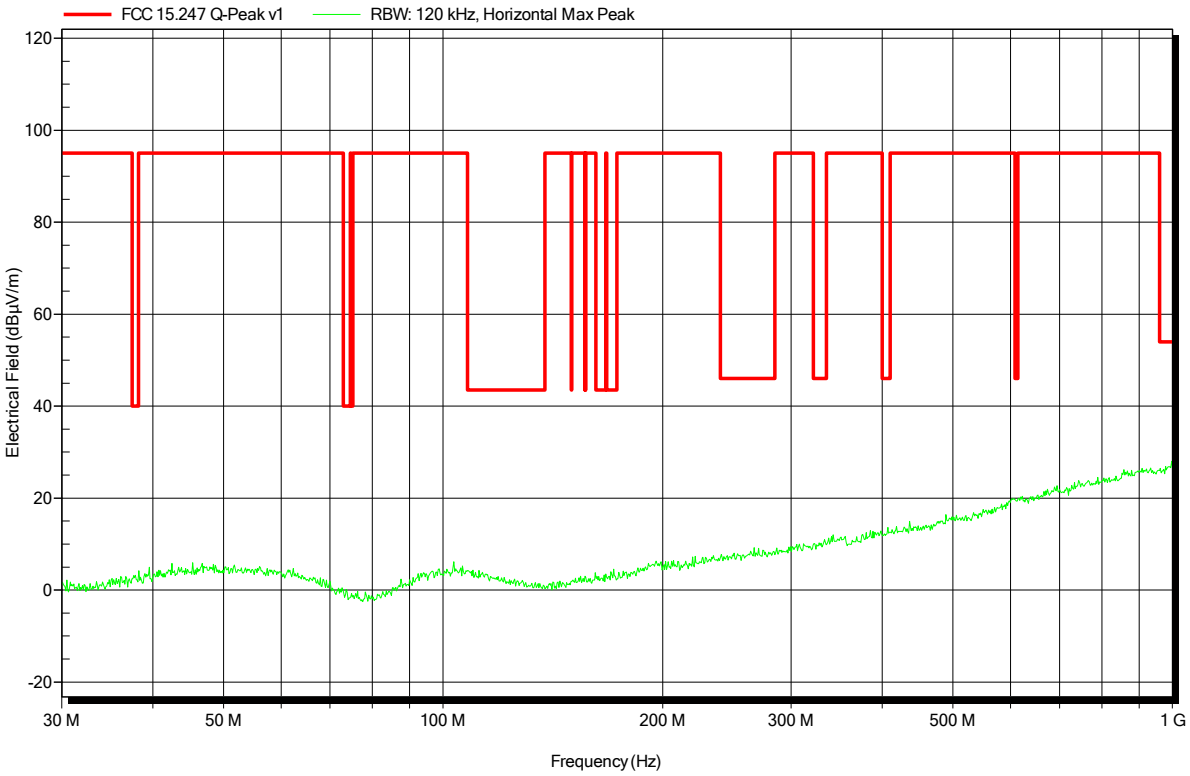
Frequency	Peak	Peak Limit	Peak Difference	Status
19.513 GHz	47.74 dBµV/m	74 dBµV/m	-26.26 dB	Pass

Radiated emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Unom: 3.7 VDC
Antenna:	Schwarzbeck VULB 9162, Horizontal
Measurement distance:	3 m
Mode:	BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 5

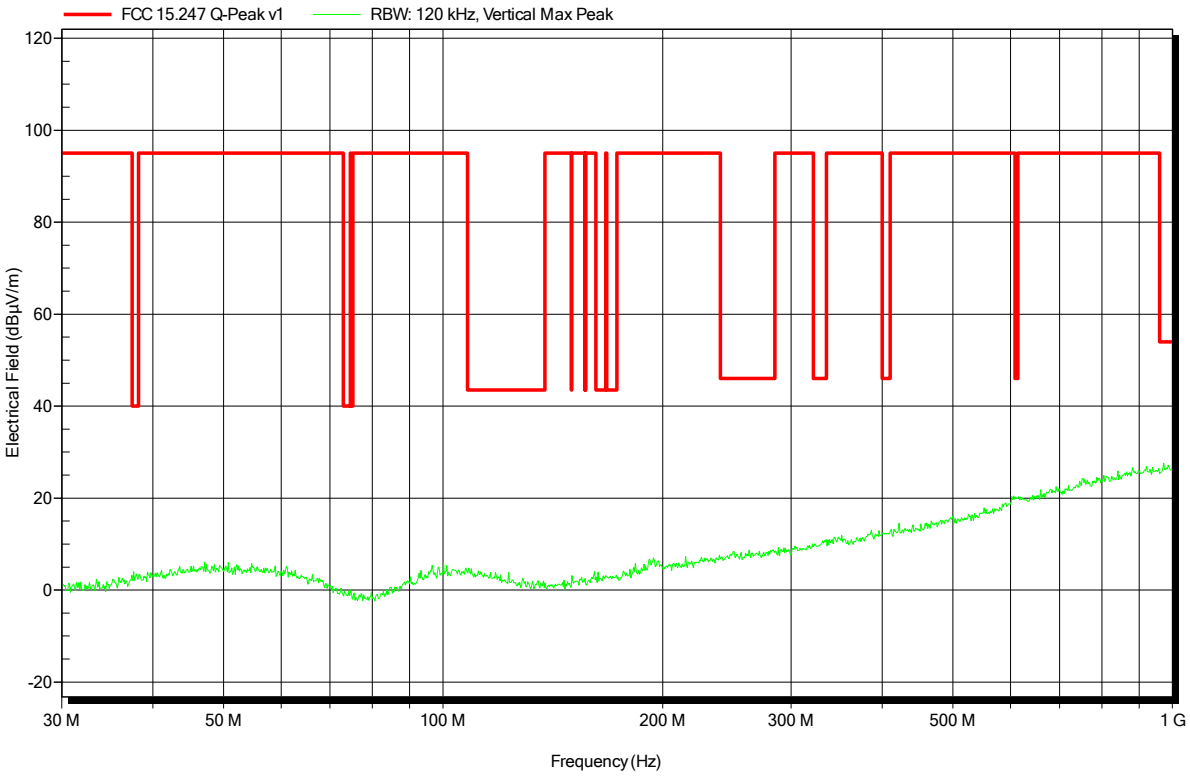


Radiated emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Unom: 3.7 VDC
Antenna:	Schwarzbeck VULB 9162, Vertical
Measurement distance:	3 m
Mode:	BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 6

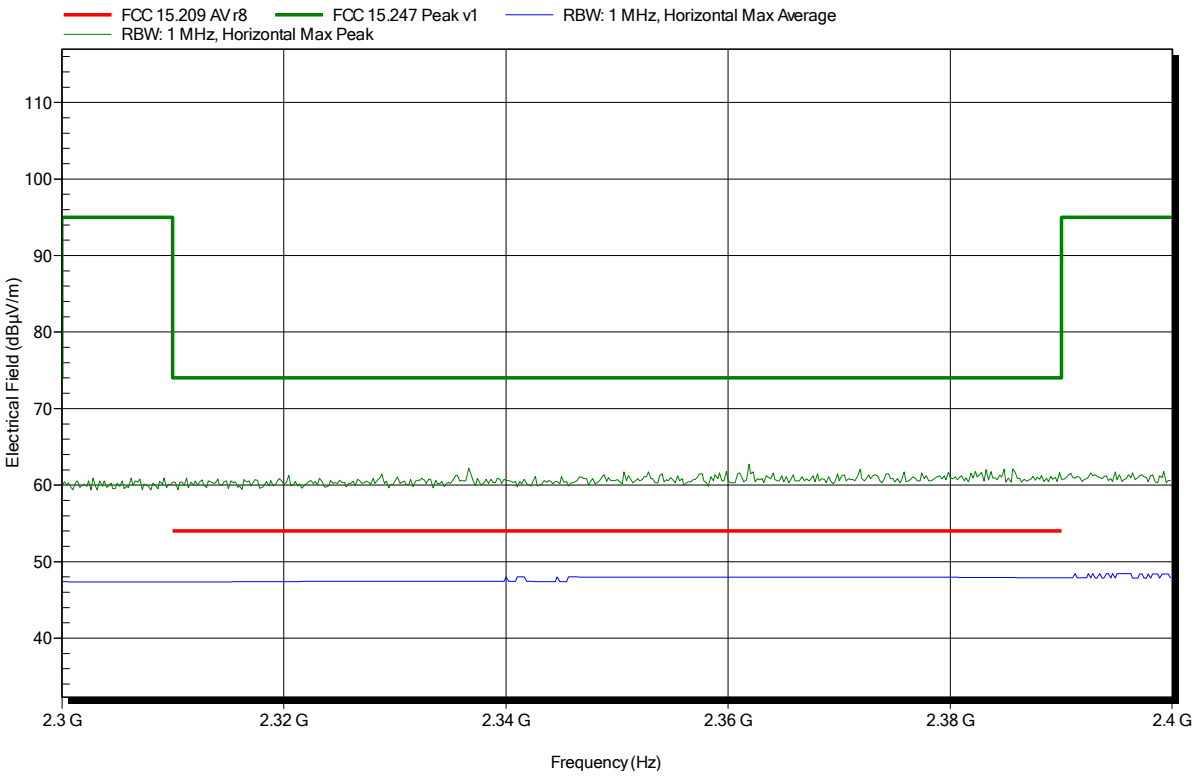


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 30

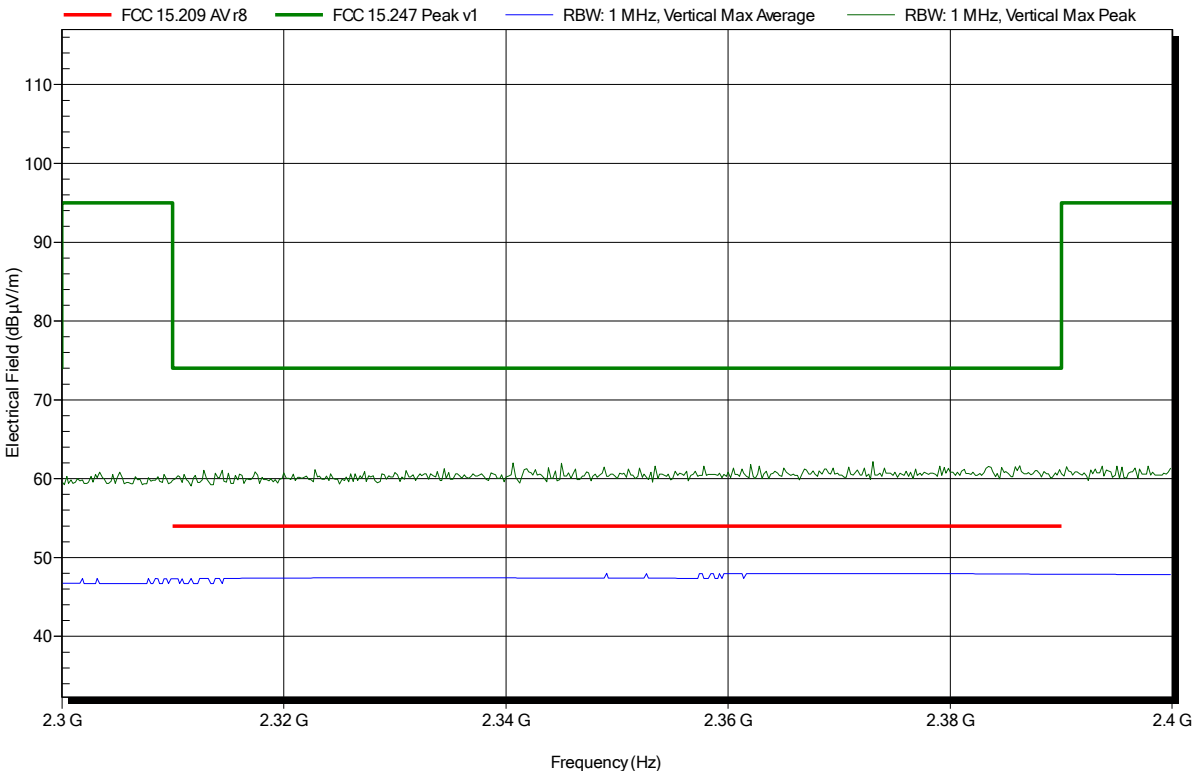


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 34

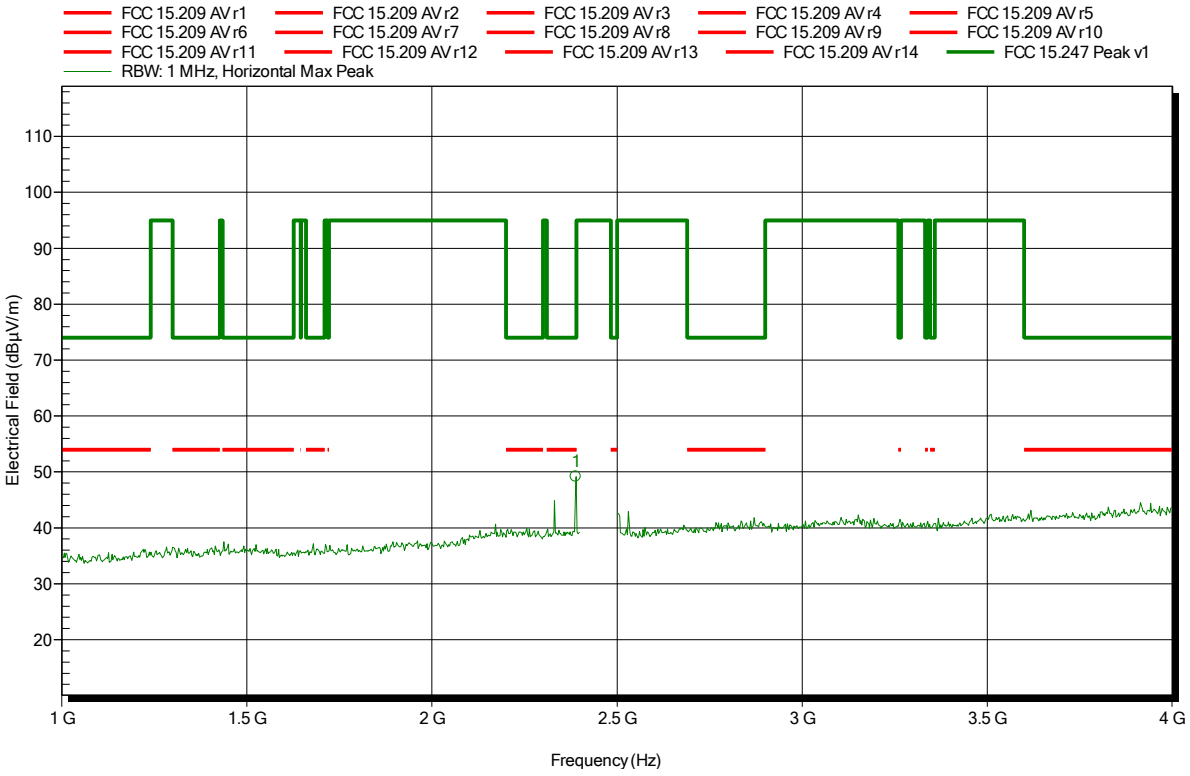


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 29



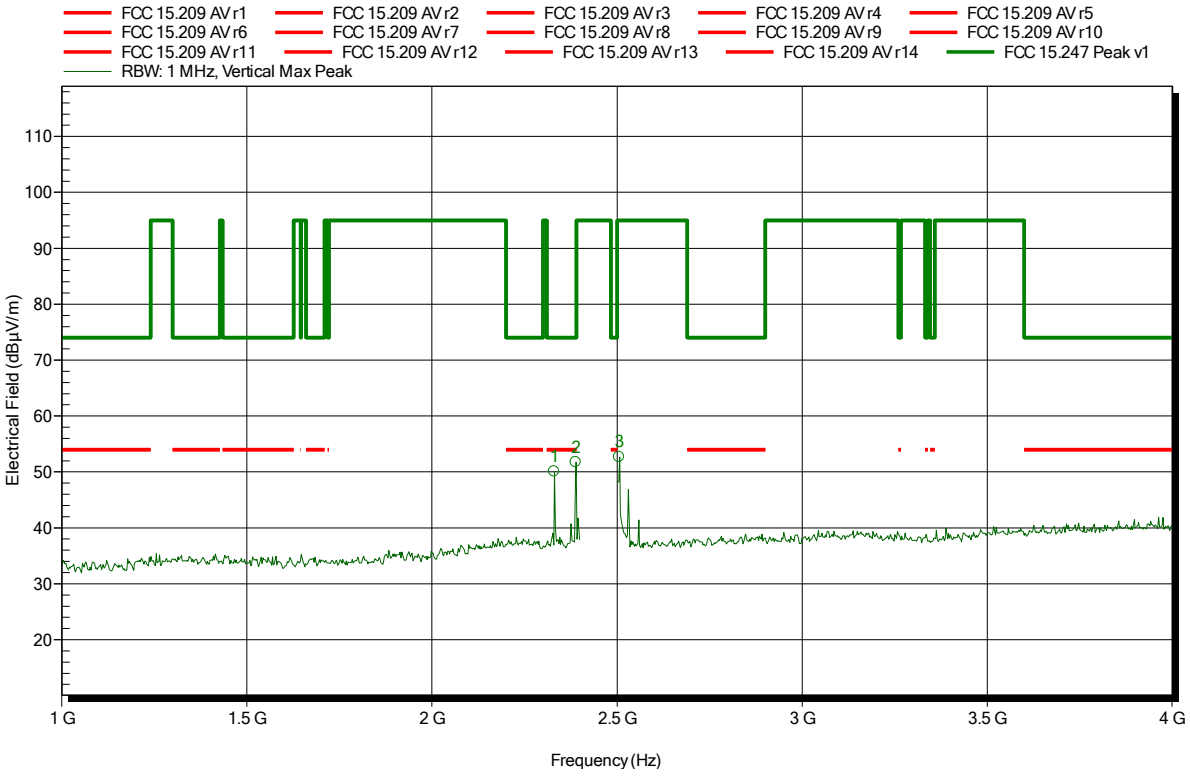
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.389 GHz	49.19 dBµV/m	74 dBµV/m	-24.81 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 26



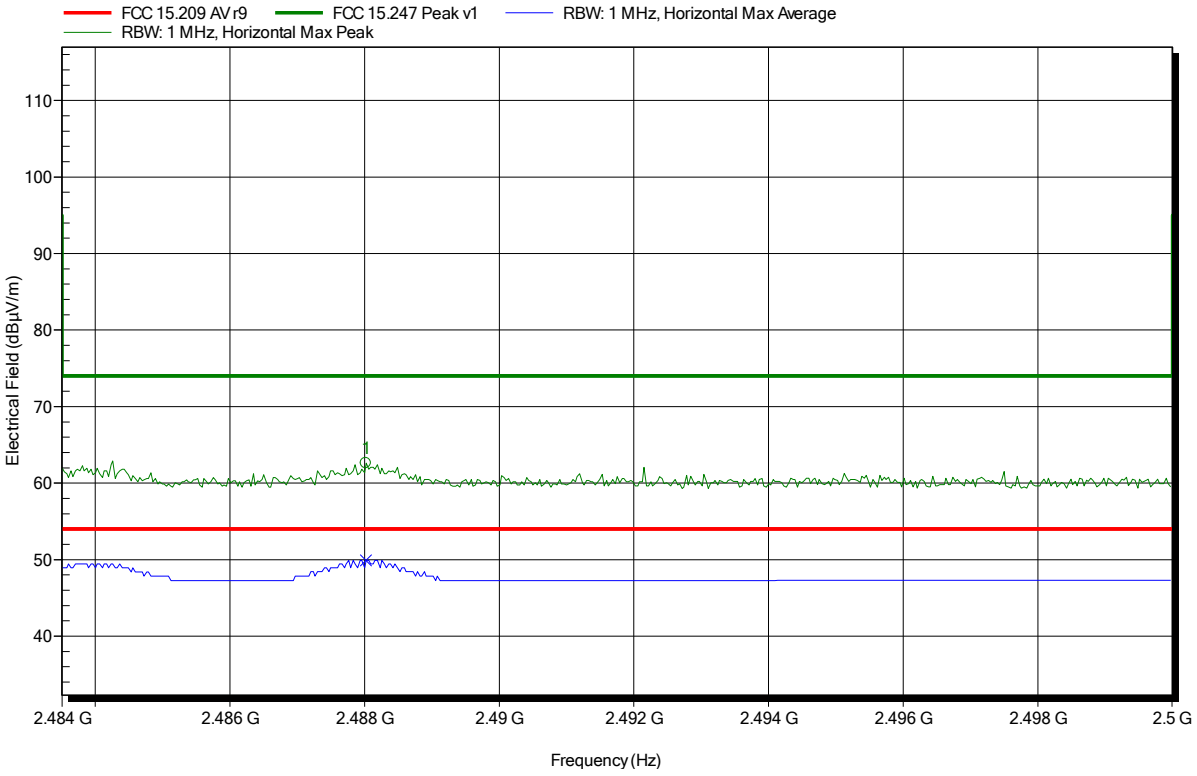
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.33 GHz	50.09 dBµV/m	74 dBµV/m	-23.91 dB	Pass
2.389 GHz	51.74 dBµV/m	74 dBµV/m	-22.26 dB	Pass
2.506 GHz	52.66 dBµV/m	95 dBµV/m	-42.34 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 32



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.488 GHz	62.61 dBµV/m	74 dBµV/m	-11.39 dB	Pass

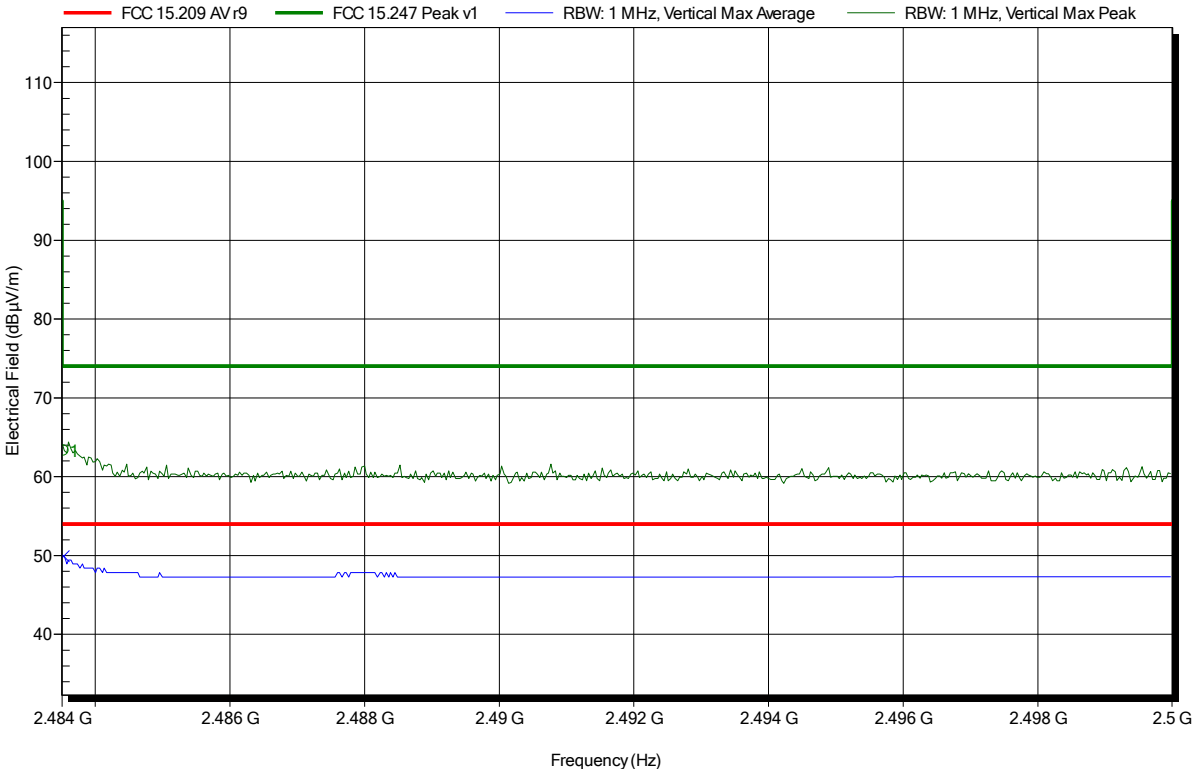
Frequency	Average	Average Limit	Average Difference	Average Status
2.488 GHz	49.9 dBµV/m	54 dBµV/m	-4.1 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 33



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	63.31 dBµV/m	74 dBµV/m	-10.69 dB	Pass

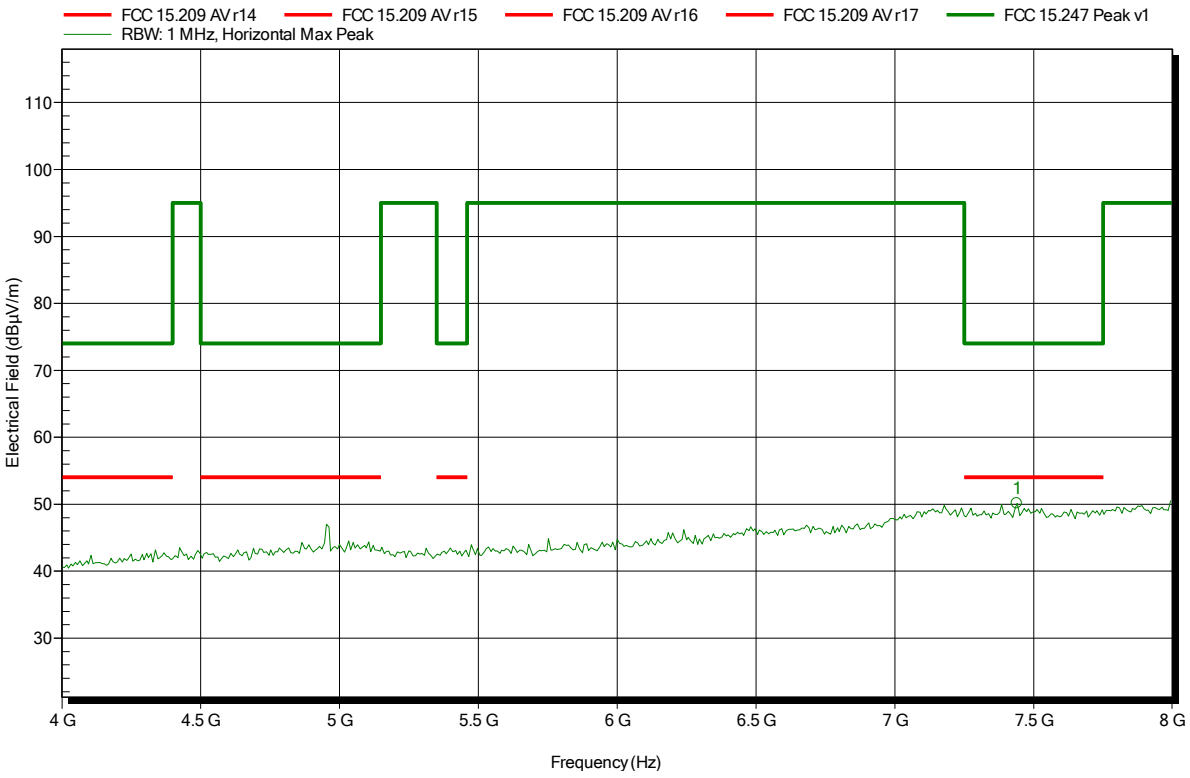
Frequency	Average	Average Limit	Average Difference	Average Status
2.484 GHz	49.89 dBµV/m	54 dBµV/m	-4.11 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 28



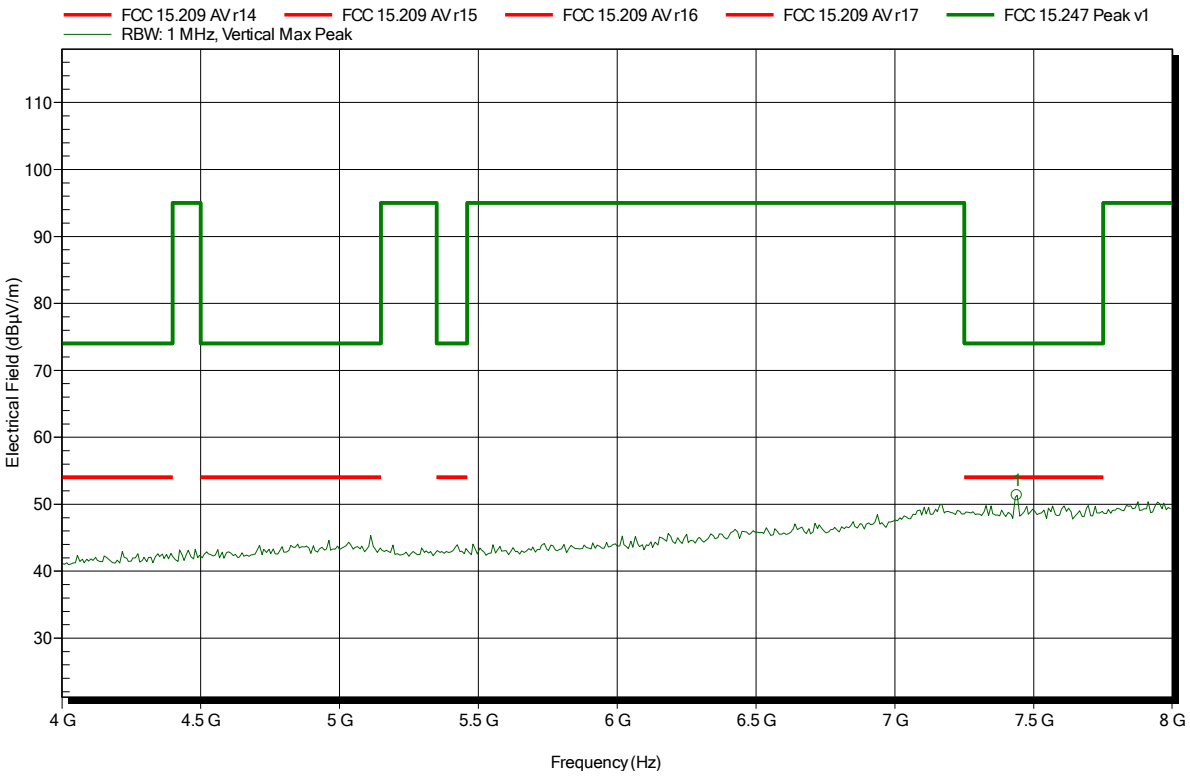
Frequency	Peak	Peak Limit	Peak Difference	Status
7.44 GHz	50.16 dBµV/m	74 dBµV/m	-23.84 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 27



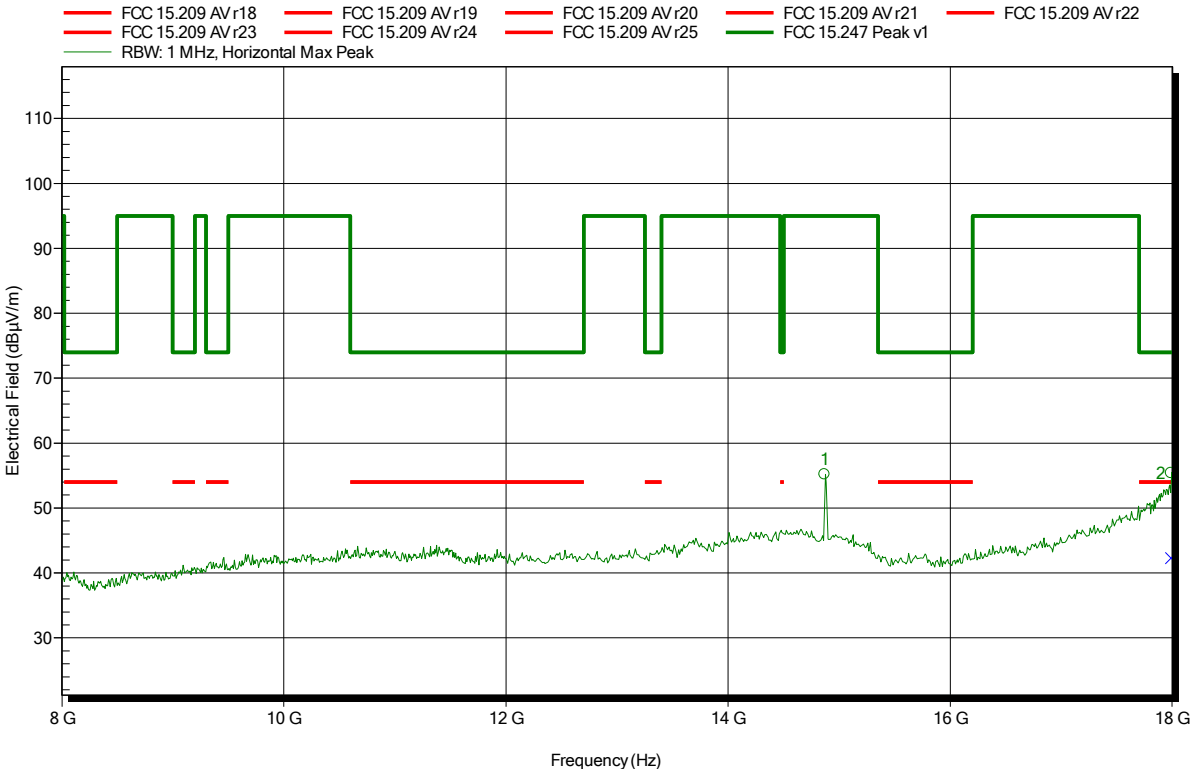
Frequency	Peak	Peak Limit	Peak Difference	Status
7.44 GHz	51.33 dBµV/m	74 dBµV/m	-22.67 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 44



Frequency	Peak	Peak Limit	Peak Difference	Status
14.868 GHz	55.16 dBµV/m	95 dBµV/m	-39.84 dB	Pass
17.988 GHz	55.41 dBµV/m	74 dBµV/m	-18.59 dB	Pass

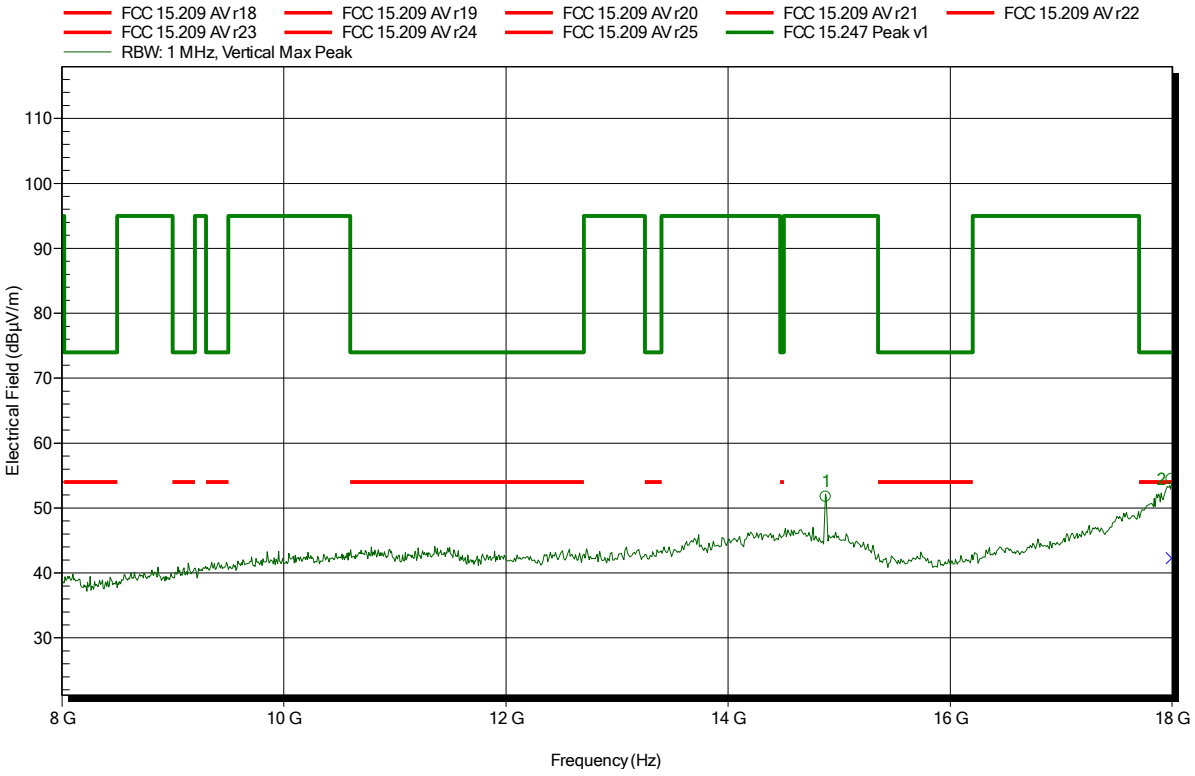
Frequency	Average	Average Limit	Average Difference	Average Status
17.988 GHz	42.31 dBµV/m	54 dBµV/m	-11.69 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-23
Note:	

Index 43



Frequency	Peak	Peak Limit	Peak Difference	Status
14.88 GHz	51.74 dBµV/m	95 dBµV/m	-43.26 dB	Pass
17.992 GHz	54.44 dBµV/m	74 dBµV/m	-19.56 dB	Pass

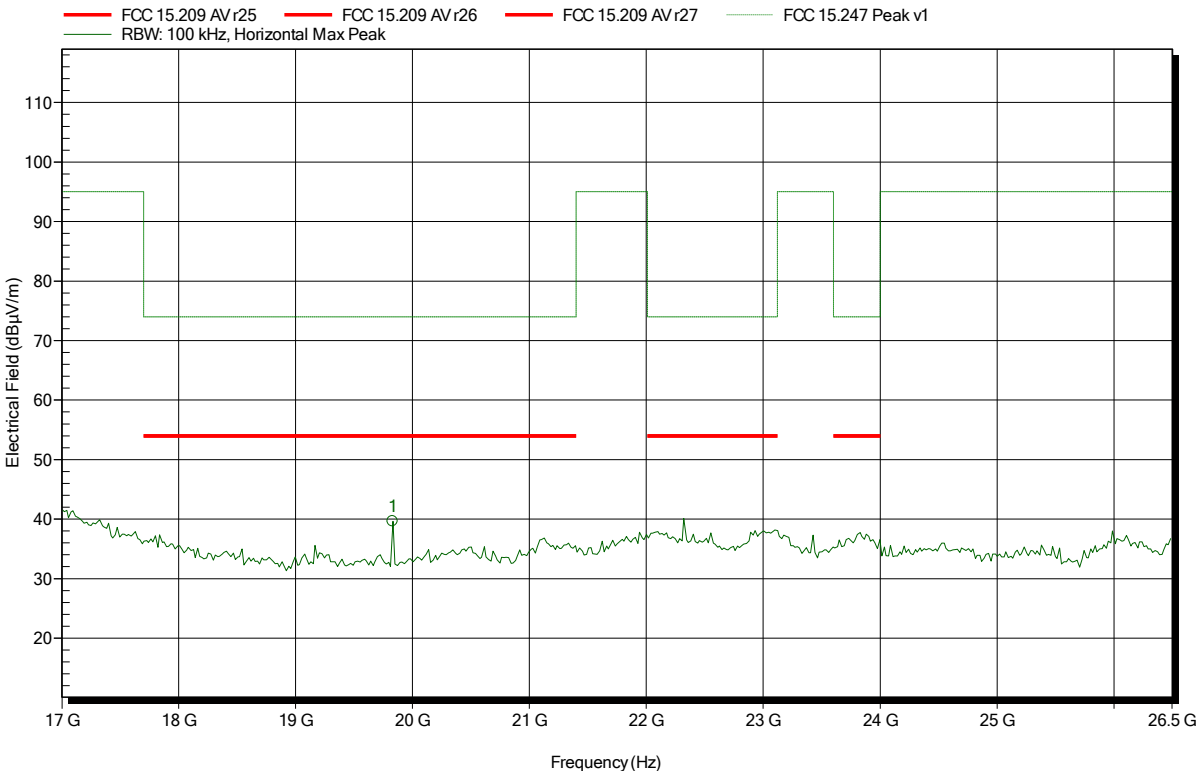
Frequency	Average	Average Limit	Average Difference	Average Status
17.992 GHz	42.3 dBµV/m	54 dBµV/m	-11.7 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Amplifier Research AT 4560, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-24
Note:	

Index 52



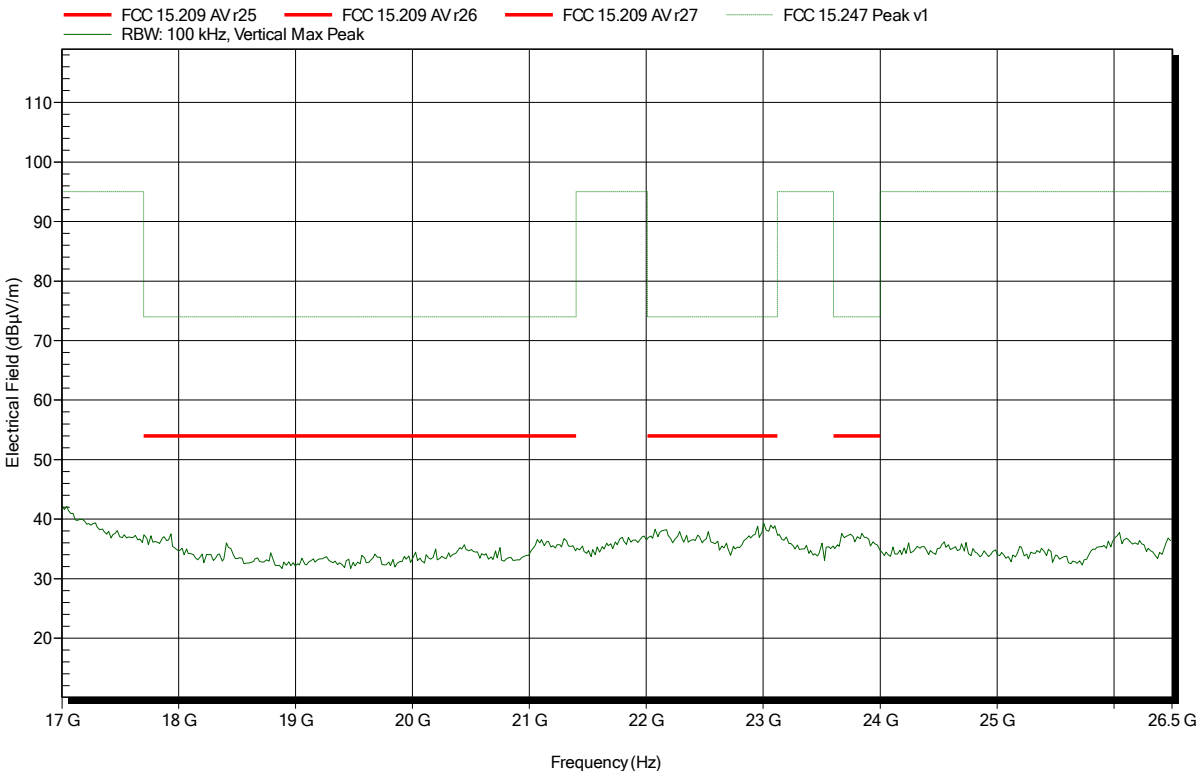
Frequency	Peak	Peak Limit	Peak Difference	Status
19.831 GHz	39.62 dBµV/m	74 dBµV/m	-34.38 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Amplifier Research AT 4560, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT 3DH5 2480 MHz
Test Date:	2017-01-24
Note:	

Index 53



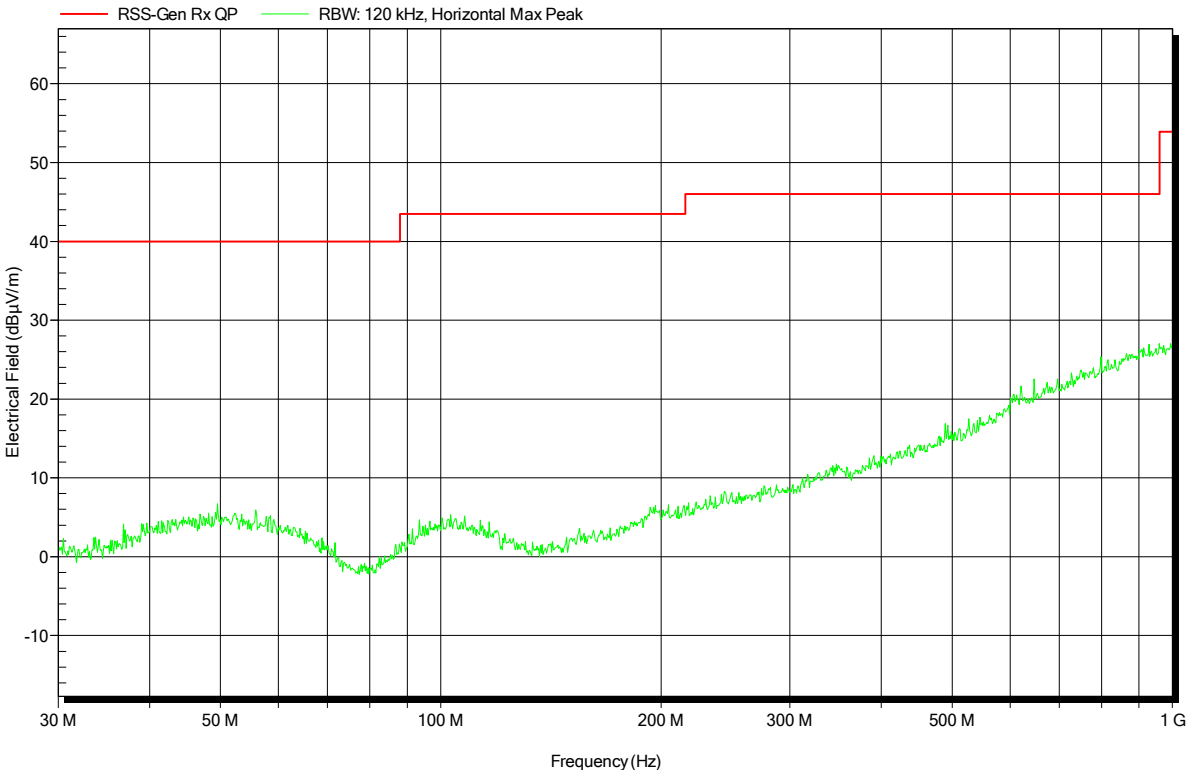
ANNEX B Receiver radiated spurious emissions

Radiated emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Unom: 3.7 VDC
Antenna:	Schwarzbeck VULB 9162, Horizontal
Measurement distance:	3 m
Mode:	RX; BT 2441 MHz
Test Date:	2017-01-23
Note:	

Index 8

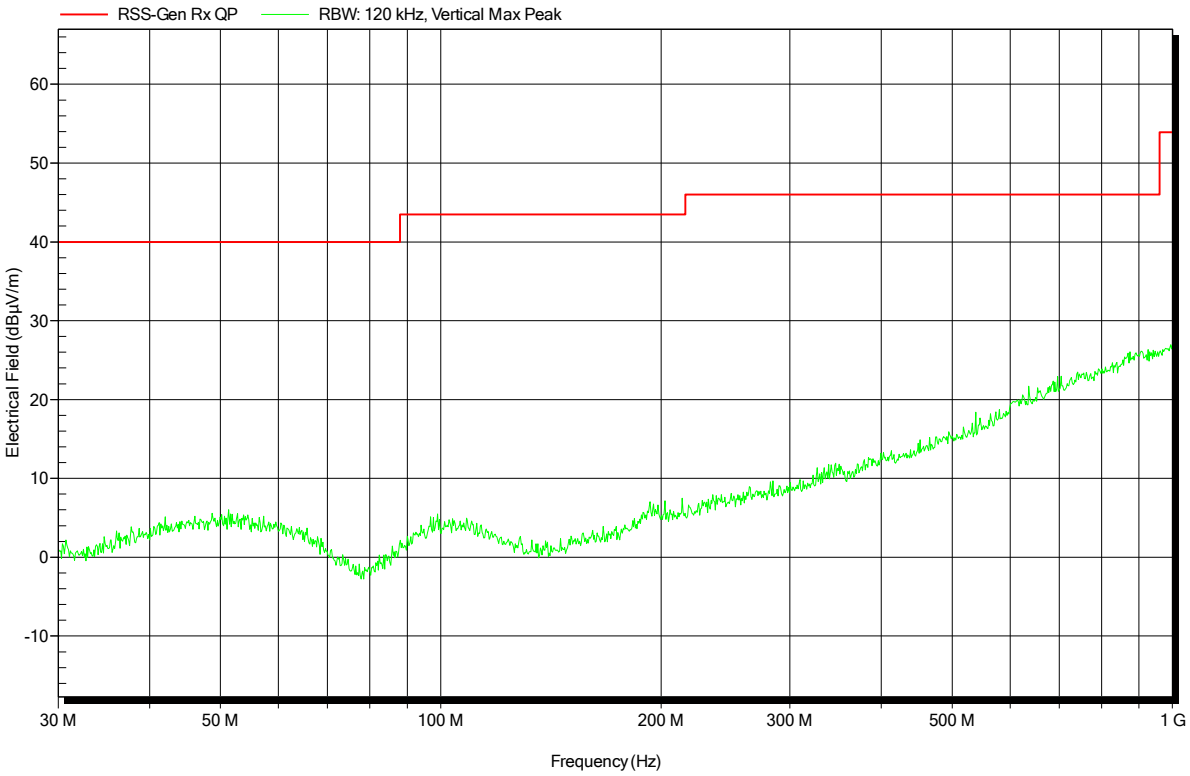


Radiated emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Unom: 3.7 VDC
Antenna:	Schwarzbeck VULB 9162, Vertical
Measurement distance:	3 m
Mode:	RX; BT 2441 MHz
Test Date:	2017-01-23
Note:	

Index 7

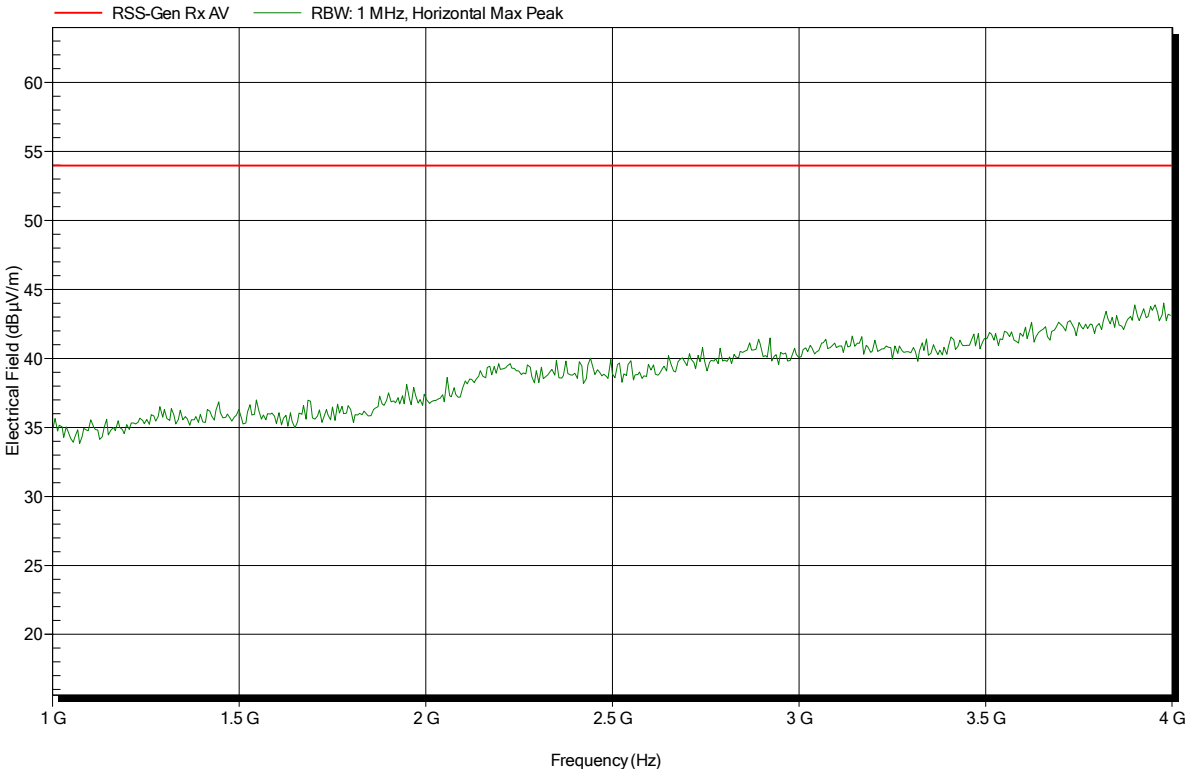


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT 2441 MHz
Test Date:	2017-01-23
Note:	

Index 38

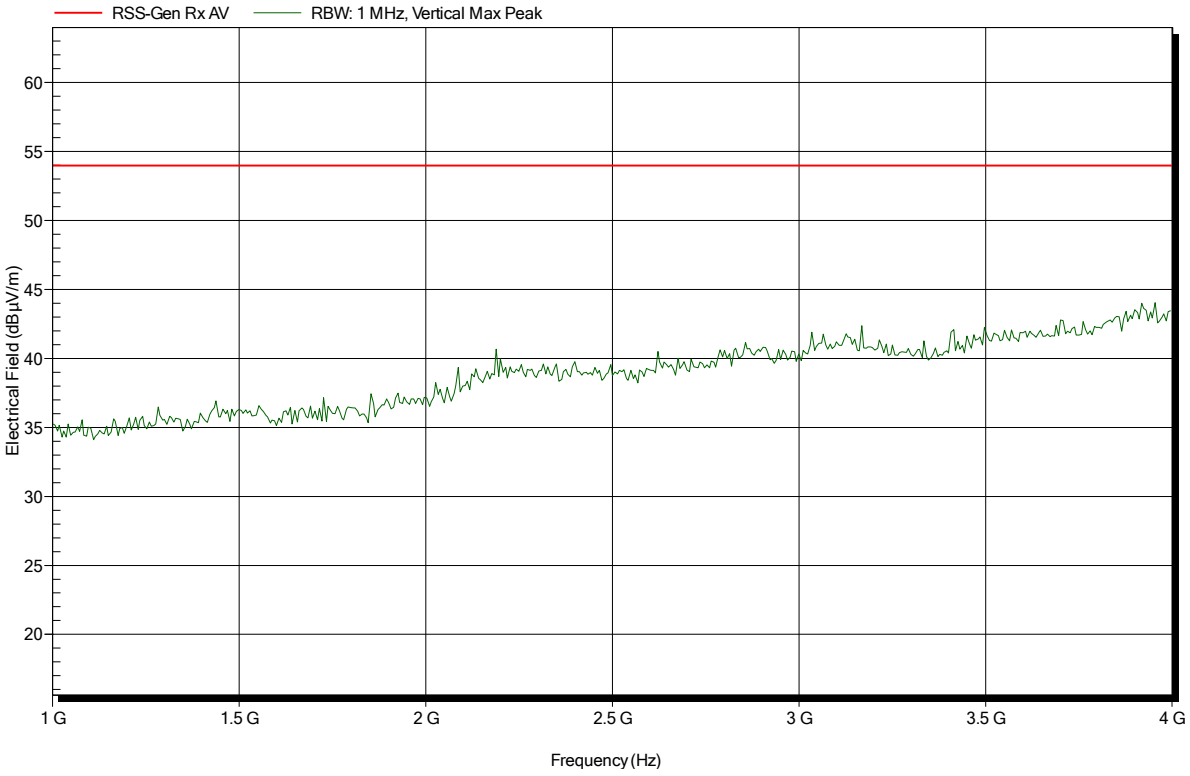


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT 2441 MHz
Test Date:	2017-01-23
Note:	

Index 35

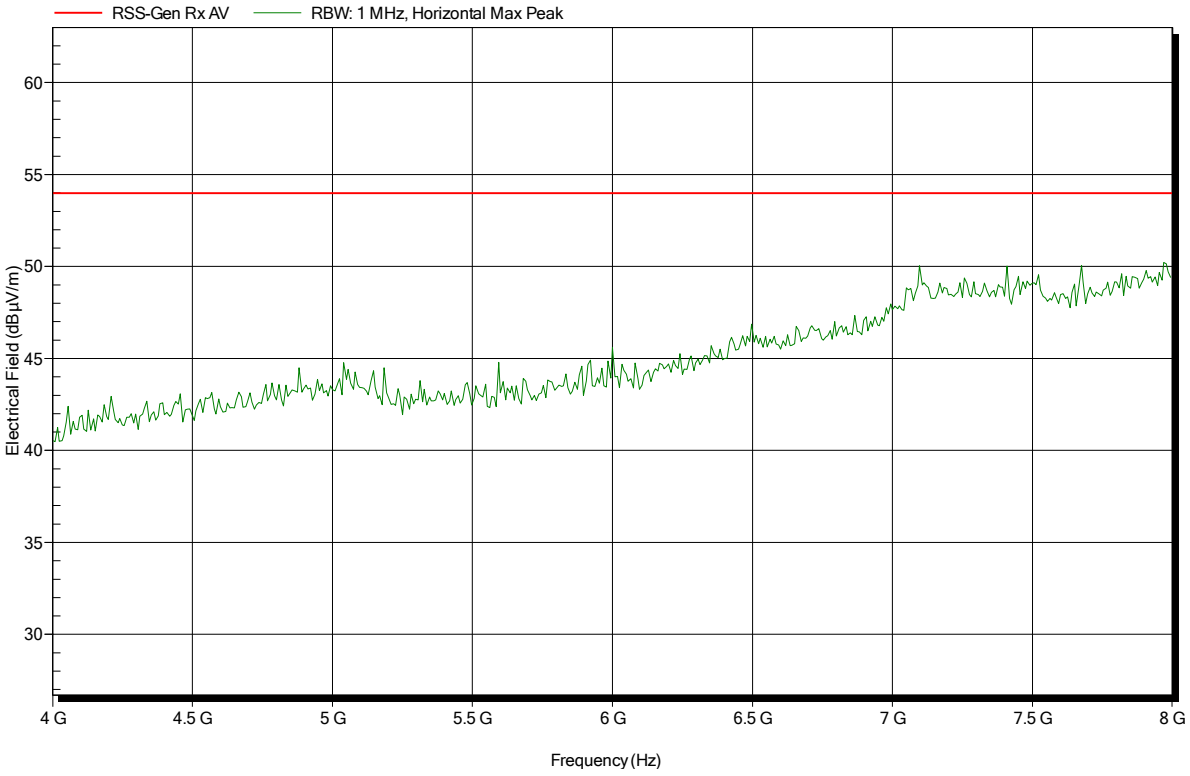


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT 2441 MHz
Test Date:	2017-01-23
Note:	

Index 37

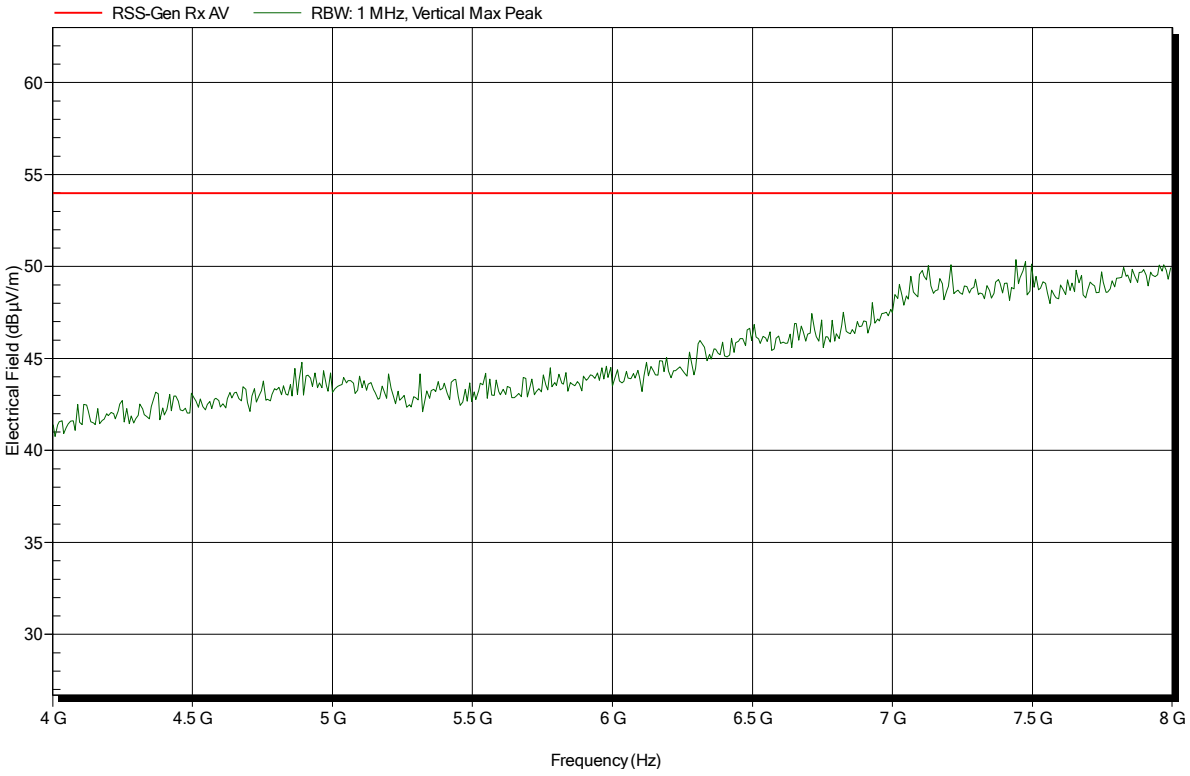


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT 2441 MHz
Test Date:	2017-01-23
Note:	

Index 36

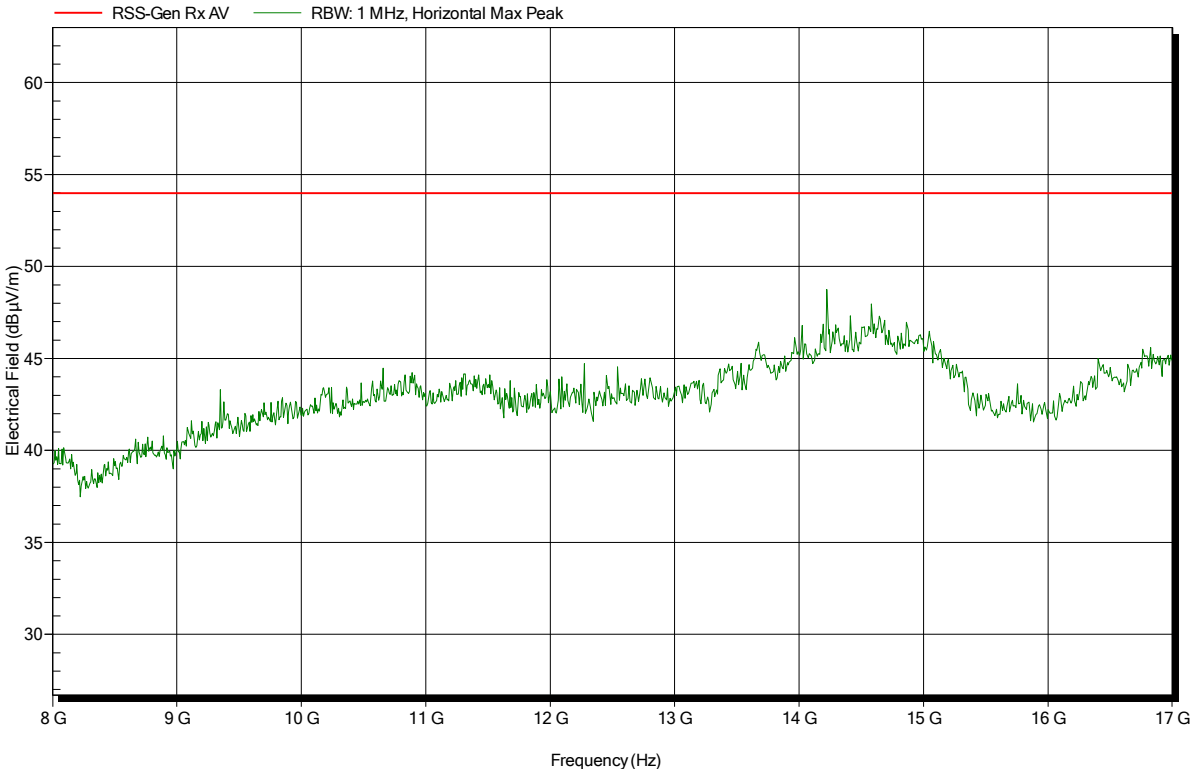


Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; BT 2441 MHz
Test Date:	2017-01-23
Note:	

Index 46



Spurious emissions according to FCC 15.247

Project number: G0M-1612-6168

Applicant:	eResearch Technology GmbH
EUT Name:	Asthma Monitor AM3
Model:	AM3 Option G+
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Suckow
Test Conditions:	Tnom: 20°C, Vnom: 3.7 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; BT 2441 MHz
Test Date:	2017-01-23
Note:	

Index 47