FCC TEST REPORT

FCC 47 CFR Part 15C
Industry Canada RSS-210

Frequency hopping systems operating within the 2400 – 2483.5 MHz band

Report Reference No.....:	G0M-1411-4306-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.....:	Spectralink Europe ApS
Address.....:	Langmarksvej 34 8700 Horsens DENMARK
Test specification:	
Standard.....:	47 CFR Part 15C RSS-210, Issue 8, 2010-12 RSS-Gen, Issue 4, 2014-11 ANSI C63.4:2009
Test scope…….....:	partial Radio compliance test
Equipment under test (EUT):	
Product description	DECT handset 7532
Model No.	K022a
Additional Model(s)	None
Brand Name(s)	Spectralink
Hardware version	PCS 03
Firmware / Software version	PCS 14BA
	FCC-ID: PXA-K022 IC: 4604A-K022A
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 ..... :	2014-11-13	
Date (s) of performance of tests ..... :	2015-01-16 - 2015-02-02	
Compiled by ..... :	Wilfried Treffke	
Tested by (+ signature)..... : (Responsible for Test)	Wilfried Treffke	W. Treffke
Approved by (+ signature) ..... :	Christian Weber	C. Weber
Date of issue ..... :	2015-03-17	
Total number of pages ..... :	98	

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	Issue Date	Remarks	Revised by
01	2015-03-17	Initial Release	

REPORT INDEX

1 Equipment (Test item) Description

Description	DECT handset 7532	
Model	K022a	
Additional Model(s)	None	
Brand Name(s)	Spectralink	
Serial number	None	
Hardware version	PCS 03	
Software / Firmware version	PCS 14BA	
FCC-ID	PXA-K022	
IC	4604A-K022A	
Contains FCC-ID	Z64-2564N	
Contains IC	451I-2564N	
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	
Antenna	Type	integrated
	Model	47948
	Manufacturer	MOLEX
	Gain	-1 dBi
Manufacturer	Spectralink Europe ApS Langmarksvej 34 8700 Horsens DENMARK	
Power supply	V_{NOM}	3.7 VDC
	V_{MIN}	N/R
	V_{MIN}	N/R

AC/DC-Adaptor 2	Model	UE08WCP-060100SPA
	Vendor	Fuhua
	Charger, single	75XX, USB (84642472)
	Input	100 - 240 VAC
	Output	6.0 VDC
AC/DC-Adaptor	Model	UE08WCP-060100SPA
	Vendor	Fuhua
	Input	100 - 240 VAC
	Output	6.0 VDC
Temperature	T_{NOM}	25°C
	T_{MIN}	N/R
	T_{MAX}	N/R

1.1 Photos – Equipment External

EUT TOP


EUT BOTTOM


CHARGER OVERVIEW

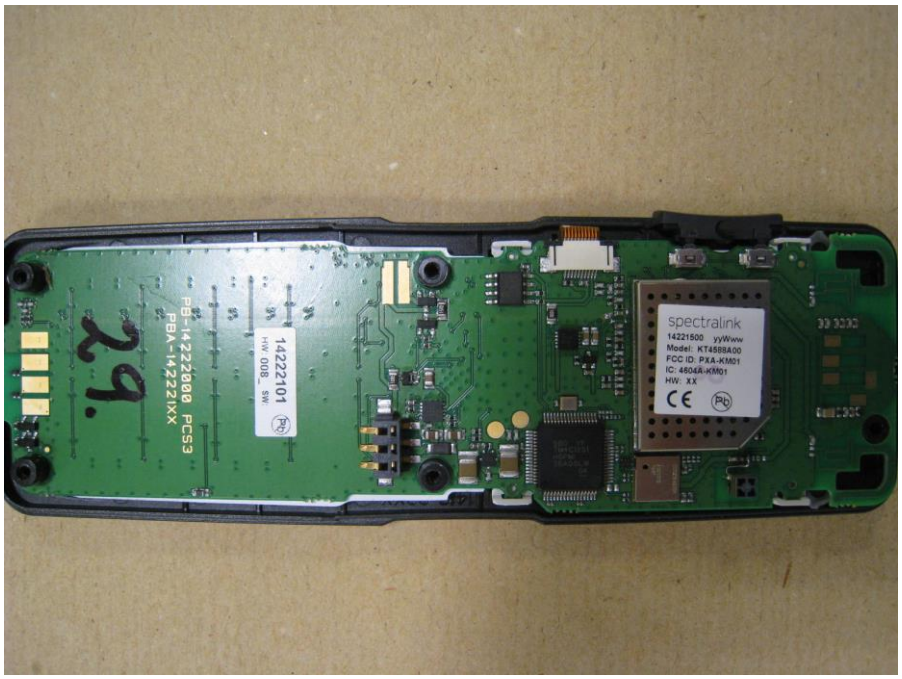

POWER ADAPTOR

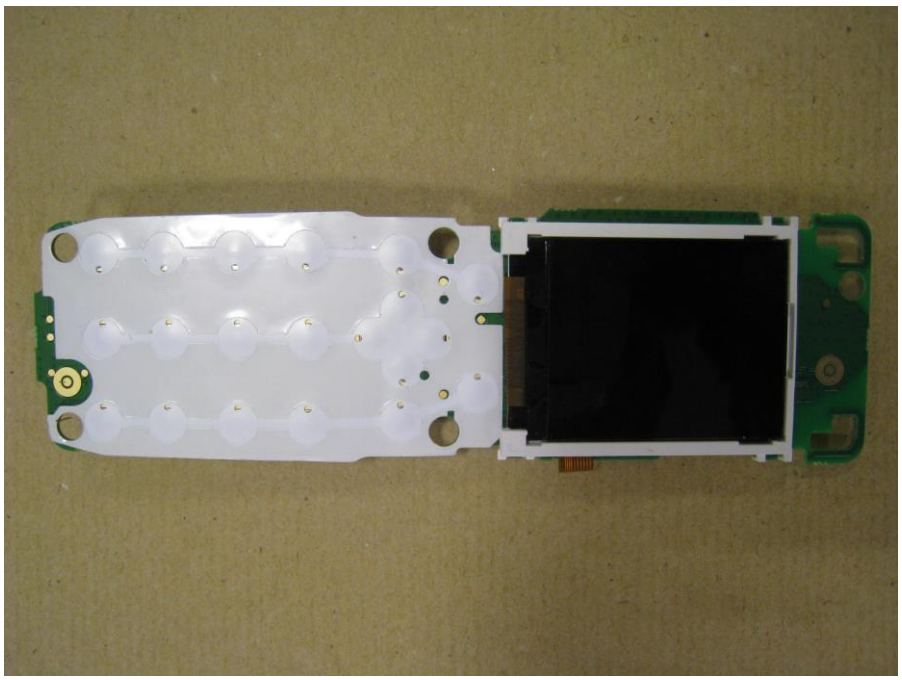

CHARGER TOP


CHARGER 75XX,USB BOTTOM

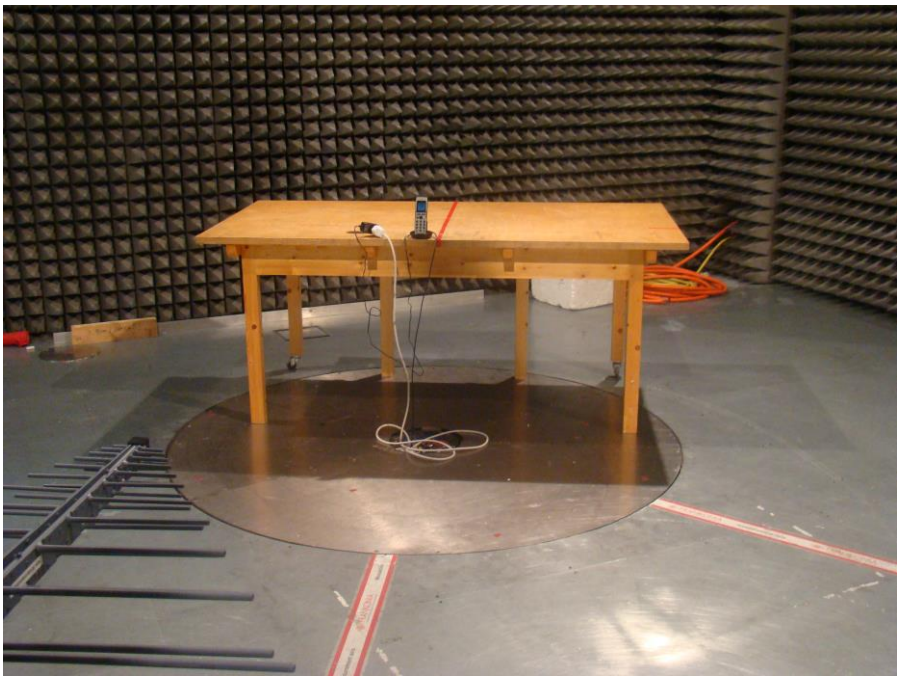

CHARGER 75XX BOTTOM

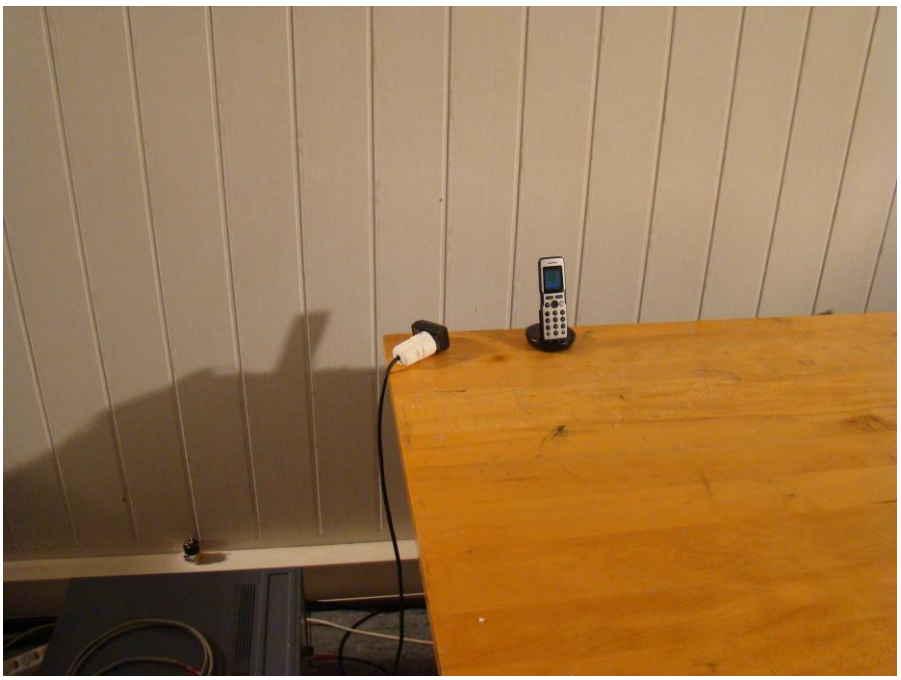

1.2 Photos – Equipment internal

PCB POP


PCB BOTTOM


1.3 Photos – Test setup

Test setup – Radiated emissions


Test setup – Conducted Emissions


1.4 Supporting Equipment Used During Testing

Product Type*	Device	Manufacturer	Model No.	Comments
SIM	Communication Tester	R&S	CBT	Bluetooth 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 fully charged battery.
	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
3DH5-Sngl	General conditions:	EUT powered by fully charged battery.
	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 fully charged battery.
	Radio conditions:	Mode = standalone receive Spreading = Hopping
AC-Powerline	General conditions:	EUT powered by commercial AC/DC-Adapter
	Radio conditions:	Mode = standalone transmit Spreading = Hopping Power level = Maximum

1.6 Test Equipment Used During Testing

Measurement Software			
Description	Manufacturer	Name	Version
EMC Test Software	Dare Instruments	Radimation	2014.1.15

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

Radiated spurious emissions					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Semi-anechoic chamber	Frankonia	AC 1	EF00062	-	-
Spectrum Analyzer	R&S	FSIQ26	EF00242	2014-03	2015-03
Biconical Antenna	R&S	HK 116	EF00012	2013-02	2016-02
LPD Antenna	R&S	HL 223	EF00187	2014-03	2017-03
LPD Antenna	R&S	HL 025	EF00327	2013-02	2016-02

AC powerline conducted emissions					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
AMN	R&S	ESH2-Z5	EF00182	2014-11	2016-11
EMI Test Receiver	R&S	ESCS 30	EF00295	2014-10	2015-10

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, IC RSS-210				
Product Specific Standard Section	**Requirement – Test**	**Reference Method**	**Result**	**Remarks**
RSS-Gen 6.6	Occupied Bandwidth	RSS-Gen 6.6	N/R	Informational only
FCC § 15.247(a)(1) IC RSS-210 § A8.1	20 dB Bandwidth	Public notice DA 00-705	N/R	See test report FCC-ID: Z64-2564N
FCC § 15.247(a)(1)(iii) IC RSS-210 § A8.1	Number of hopping frequencies	Public notice DA 00-705	N/R	See test report FCC-ID: Z64-2564N
FCC § 15.247(a)(1) IC RSS-210 § A8.1	Frequency hopping channel separation	Public notice DA 00-705	N/R	See test report FCC-ID: Z64-2564N
FCC § 15.247(a)(1)(iii) IC RSS-210 § A8.1	Time of occupancy (Dwell time)	Public notice DA 00-705	N/R	See test report FCC-ID: Z64-2564N
FCC § 15.247(b)(1) IC RSS-210 § A8.4	Maximum peak conducted power	Public notice DA 00-705	N/R	See test report FCC-ID: Z64-2564N
47 CFR 15.207 RSS-Gen 8.8	AC power line conducted emissions	ANSI C63.4	PASS	
FCC § 15.247(d) IC RSS-210 § A8.5	Band edge compliance	Public notice DA 00-705	N/R	See test report FCC-ID: Z64-2564N
FCC § 15.247(d) IC RSS-210 § A8.5	Conducted spurious emissions	Public notice DA 00-705	N/R	See test report FCC-ID: Z64-2564N
FCC § 15.247(d) FCC § 15.209 IC RSS-210 A8.5 IC RSS-Gen 6.13	Transmitter radiated spurious emissions	Public notice DA 00-705 / ANSI C 63.4	PASS	
IC RSS-Gen 7.1	Receiver radiated spurious emissions	ANSI C 63.4	PASS	
Remarks: Partial test report, valid with the module report: model CC2564MODN FCC-ID : Z64-2564N / IC : 4511-2564N				

3 Test Conditions and Results

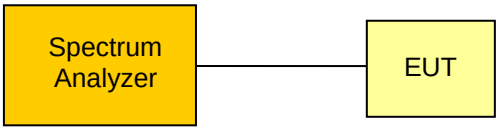
3.1 Test Conditions and Results – Occupied Bandwidth

Occupied Bandwidth acc. IC RSS-Gen	**Verdict: PASS**
Test according to measurement reference	Reference Method
	RSS-Gen 6.6
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 [kHz]
F_{MID}	2441	DH5-Sngl	872
F_{MID}	2441	3DH5-Sngl	1222

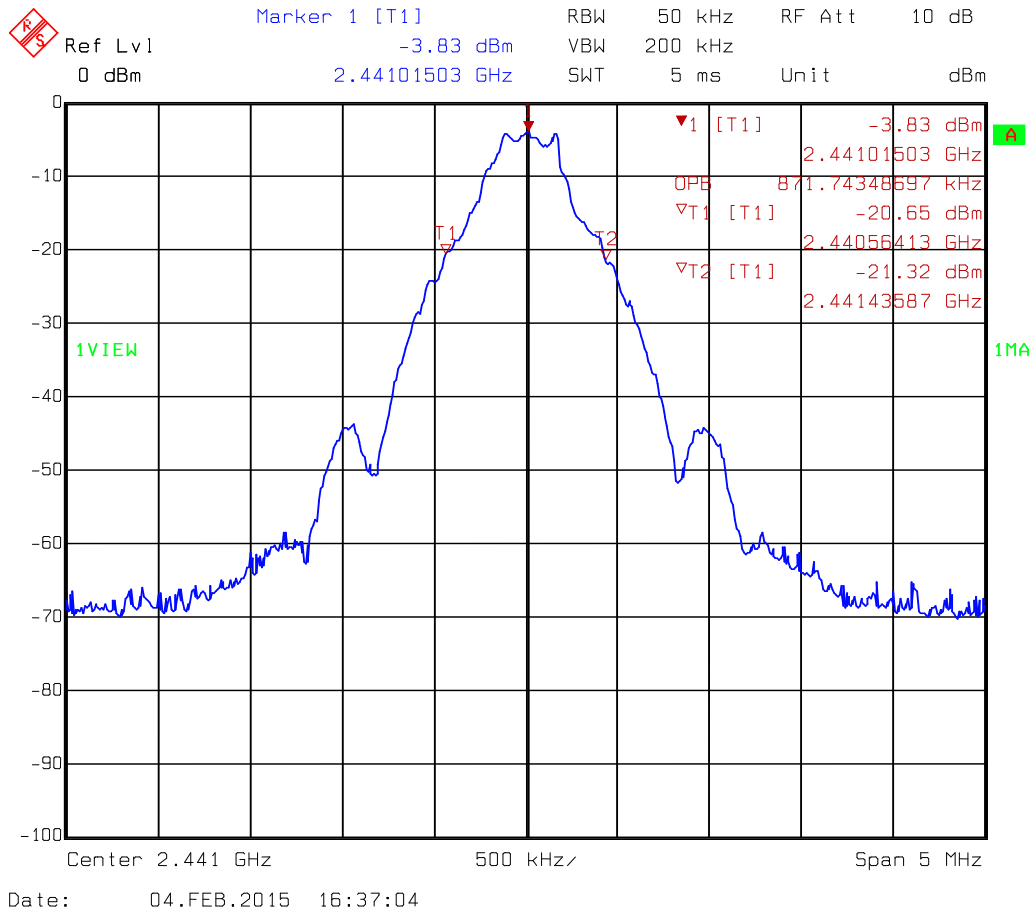
Comments:

Occupied Bandwidth – DH5-Sngl F_{MID}

Occupied Bandwidth acc. to RSS-Gen

Project Number: 1411-4306

Applicant:	Spectralink Europe ApS
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, BT basic, 2441 MHz, modulated
Test Date:	2015-02-04
Verdict:	NONE (INFORMATION ONLY)
Note 1:	A spectrum analyzer with an integrated 99% power bandwidth function is used
Note 2:	radiated measurement

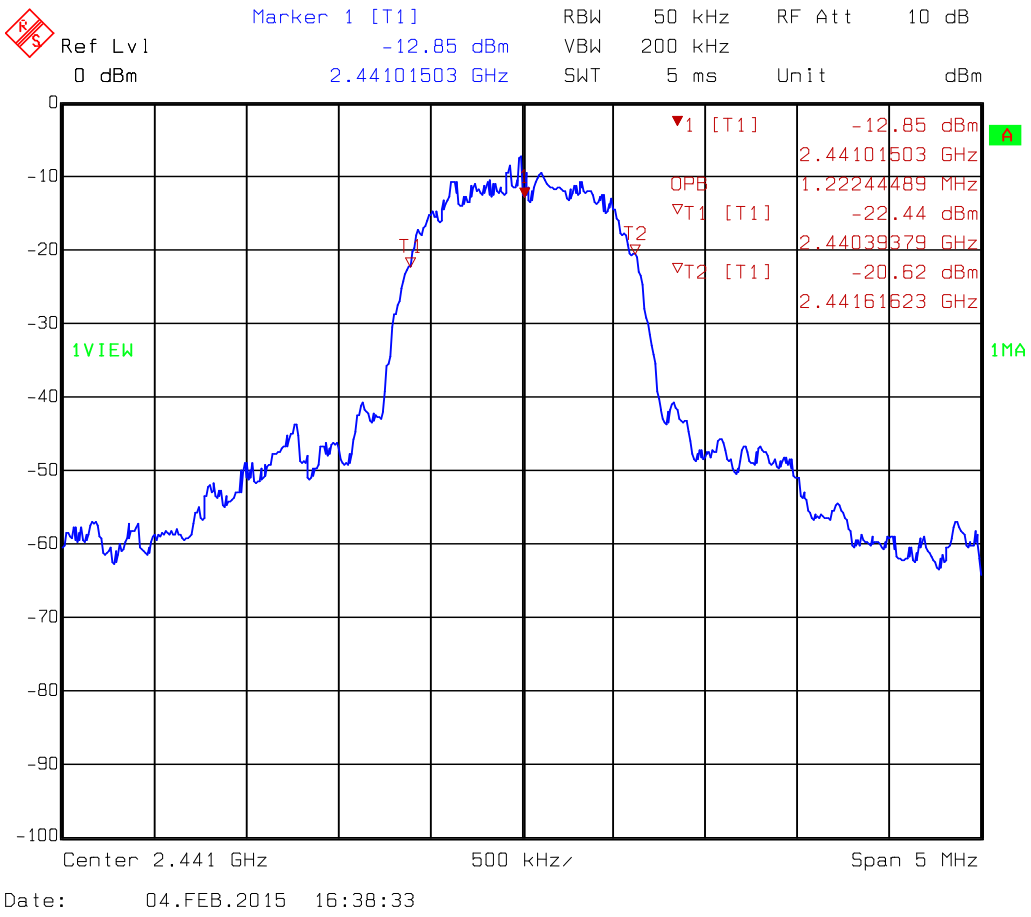


Occupied Bandwidth – 3-DH5-Sngl F_{MID}

Occupied Bandwidth acc. to RSS-Gen

Project Number: 1411-4306

Applicant:	Spectralink Europe ApS
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Wilfried Treffke
Test Conditions:	Tnom / Vnom
Mode:	Tx, BT EDR, 3DH5, 2441 MHz, modulated
Test Date:	2015-02-04
Verdict:	NONE (INFORMATION ONLY)
Note 1:	A spectrum analyzer with an integrated 99% power bandwidth function is used
Note 2:	radiated measurement



3.2 Test Conditions and Results – AC power line conducted emissions

Power line conducted emissions acc. FCC 47 CFR 15.207 / IC RSS-Gen				**Verdict: PASS**
Test according referenced standards	Reference Method			
	ANSI C63.4			
Fully configured sample scanned over the following frequency range	Frequency range			
	0.15 MHz to 30 MHz			
Points of Application	Application Interface			
AC Mains	LISN			
EUT test mode	AC-Powerline			
Limits and results				
Frequency [MHz]	Quasi-Peak [dBµV]	Result	Average [dBµV]	Result
0.15 to 5	66 to 56*	PASS	56 to 46*	PASS
0.5 to 5	56	PASS	46	PASS
5 to 30	60	PASS	50	PASS
Comments: * Limit decreases linearly with the logarithm of the frequency.				

Conducted Emissions charger 84642472

EMI voltage test in the ac-mains according to FCC 15B

Project number: G0M-1411-4306

Manufacturer:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Zunke
Test Conditions:	Tnom: 23°C, Unom: 6VDC via AC/DC Adapter
LISN:	ESH2-Z5 N
Mode:	DECT link to other phone
Test Date:	2014-12-16
Note:	charger 84642472

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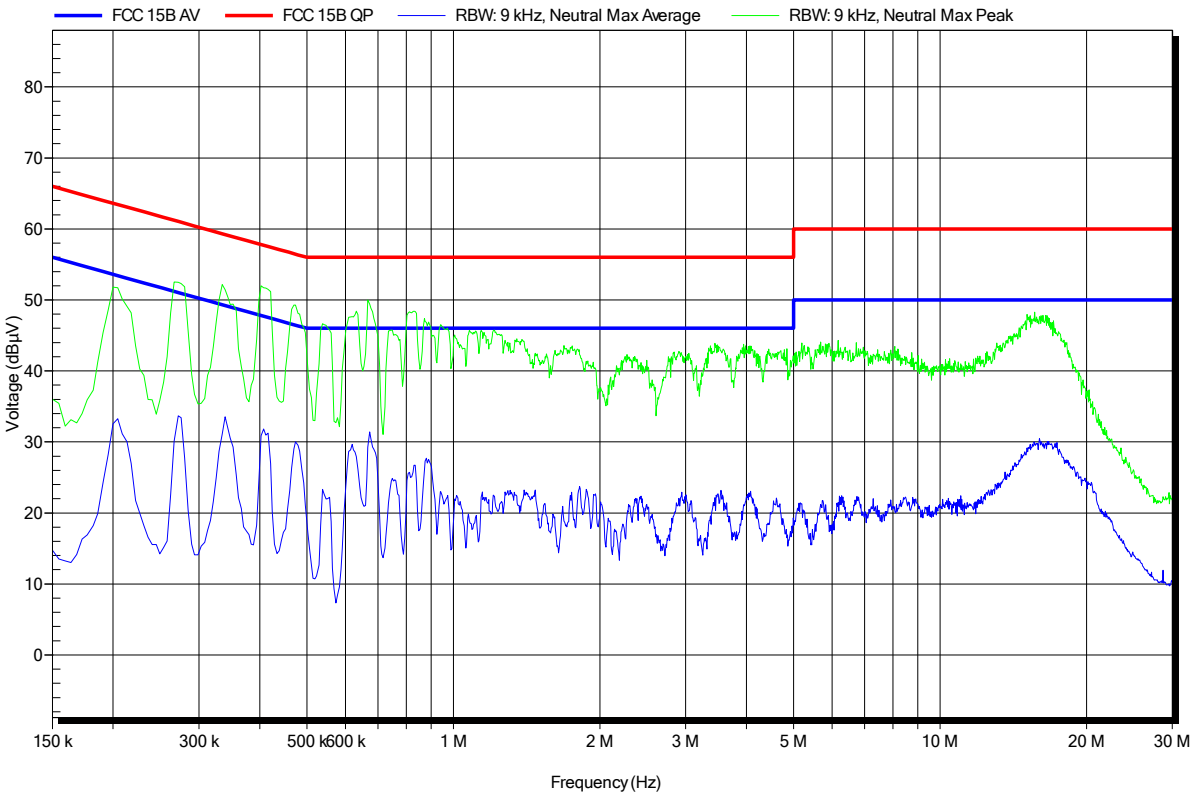
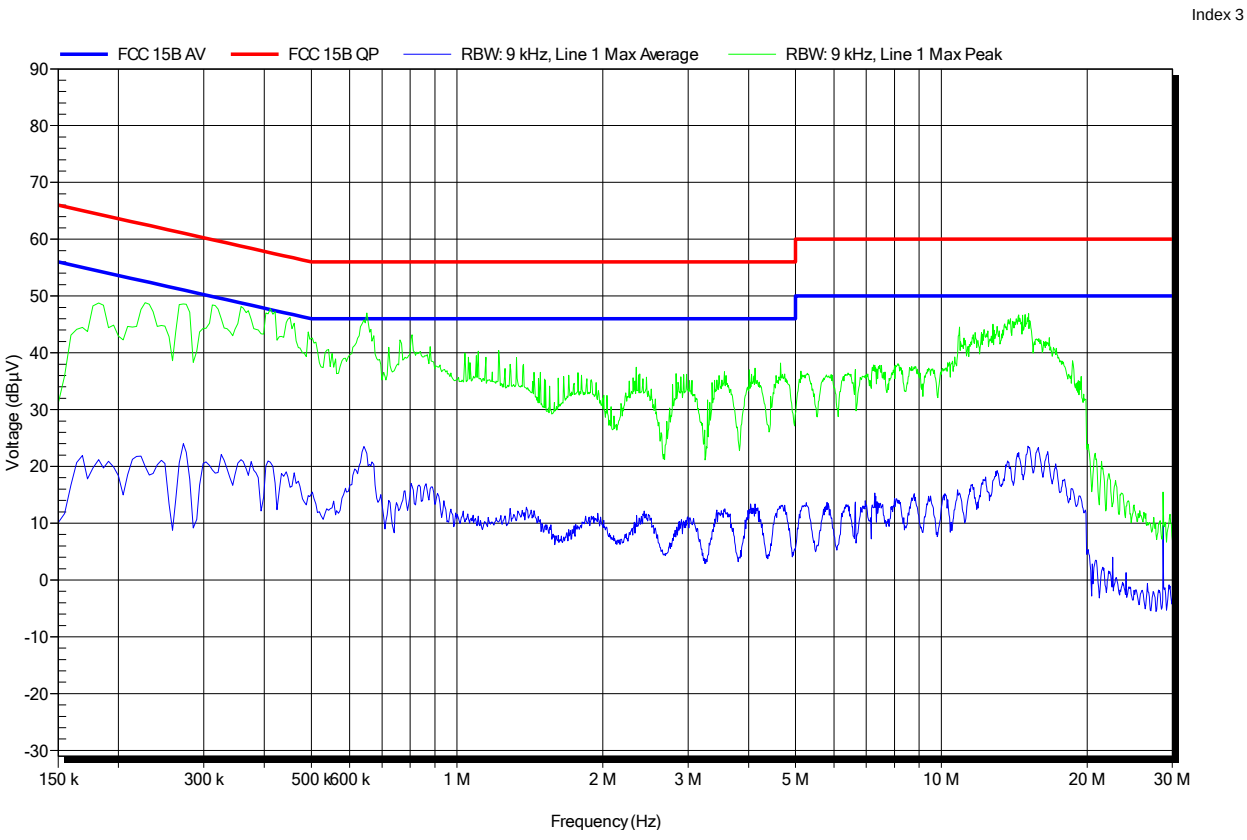


Conducted Emissions charger 84642472

EMI voltage test in the ac-mains according to FCC 15B

Project number: G0M-1411-4306

Manufacturer:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Zunke
Test Conditions:	Tnom: 23°C, Unom: 6VDC via AC/DC Adapter
LISN:	ESH2-Z5 L
Mode:	DECT link to other phone, BT activ
Test Date:	2014-12-16
Note:	charger 84642472

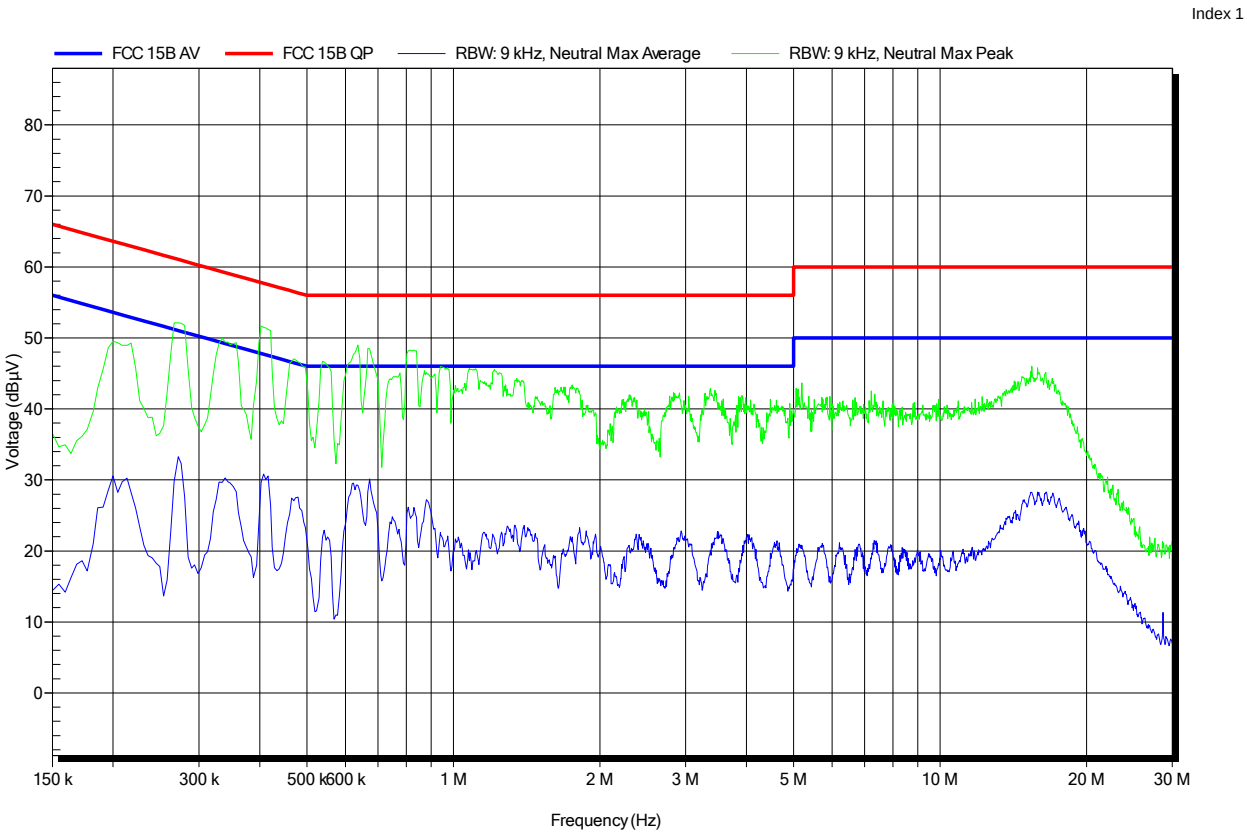


Conducted Emissions charger 84642473

EMI voltage test in the ac-mains according to FCC 15B

Project number: G0M-1411-4306

Manufacturer:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Zunke
Test Conditions:	Tnom: 23°C, Unom: 6VDC via AC/DC Adapter
LISN:	ESH2-Z5 N
Mode:	DECT link to other phone
Test Date:	2014-12-16
Note:	charger 84642473

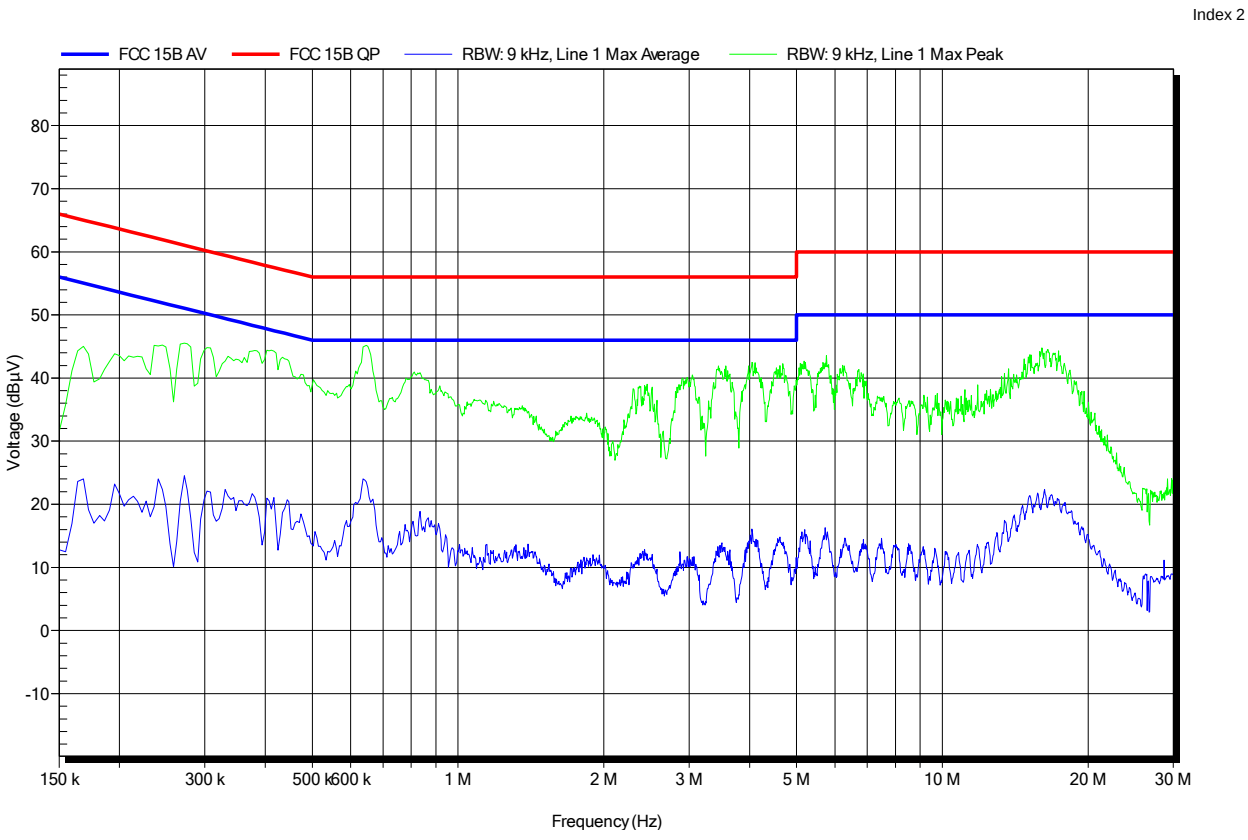


Conducted Emissions charger 84642473

EMI voltage test in the ac-mains according to FCC 15B

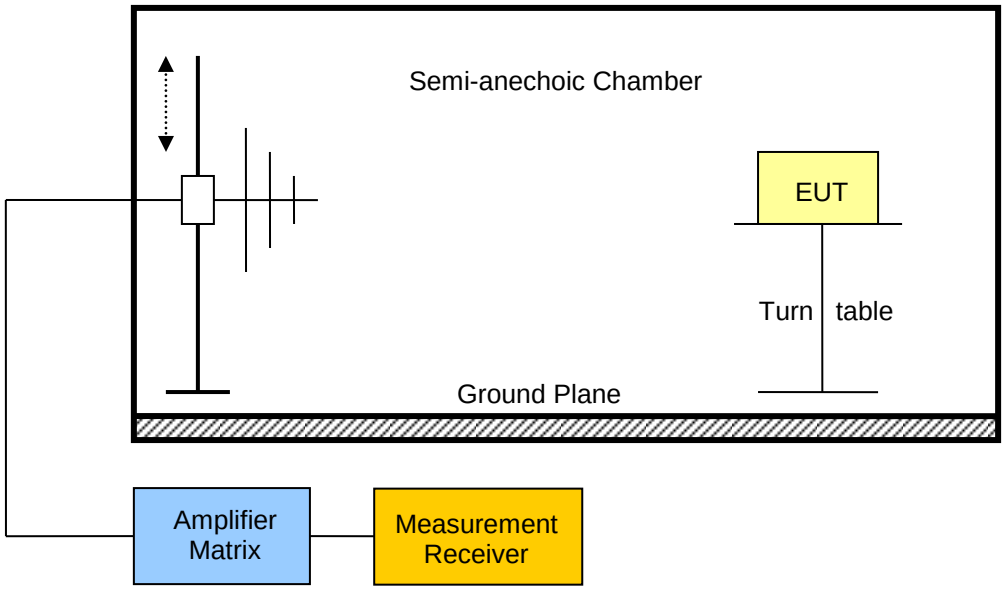
Project number: G0M-1411-4306

Manufacturer:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Zunke
Test Conditions:	Tnom: 23°C, Unom: 6VDC via AC/DC Adapter
LISN:	ESH2-Z5 L
Mode:	DECT link to other phone
Test Date:	2014-12-16
Note:	charger 84642473



3.3 Test Conditions and Results – Transmitter radiated emissions

Transmitter radiated emissions acc. FCC 47 CFR 15.247 / IC RSS-210				**Verdict: PASS**
Test according referenced standards		Reference Method		
		FCC 15.247(d) / IC RSS-210 A8.5		
Test according to measurement reference		Reference Method		
		FCC Public Notice DA 00-705 / ANSI C63.4		
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

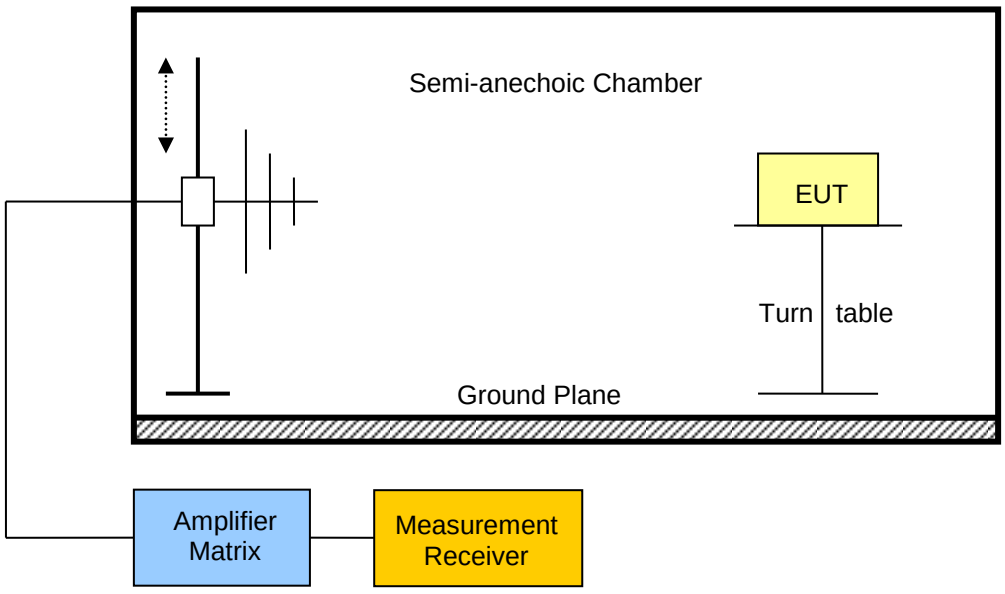
Test results – BT basic rate

Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbµV/m]	Det.	Pol.	Limit [dbµV/m]	Limit dist. [m]*	Margin [dB]
F_{LOW}	2402	DH5-Sngl	2363	41.95	pk	hor	74.00	3	-32.05
F_{LOW}	2402	DH5-Sngl	2363	34.51	RMS	hor	54.00	3	-19.49
F_{LOW}	2402	DH5-Sngl	2363	38.18	pk	ver	74.00	3	-35.82
F_{LOW}	2402	DH5-Sngl	2363	27.97	RMS	ver	54.00	3	-26.03
F_{LOW}	2402	DH5-Sngl	4804	55.53	pk	hor	74.00	3	-18.47
F_{LOW}	2402	DH5-Sngl	4804	53.28	avg	hor	54.00	3	-00.72
F_{MID}	2441	DH5-Sngl	2336.3	48.54	pk	ver	74.00	3	-25.46
F_{MID}	2441	DH5-Sngl	2336.3	43.03	avg	ver	54.00	3	-10.97
F_{MID}	2441	DH5-Sngl	2336.4	51.97	pk	hor	74.00	3	-22.03
F_{MID}	2441	DH5-Sngl	2336.4	36.21	avg	hor	54.00	3	-17.79
F_{HIGH}	2480	DH5-Sngl	2336	51.63	pk	hor	74.00	3	-22.37
F_{HIGH}	2480	DH5-Sngl	2336	42.15	avg	hor	54.00	3	-11.85
F_{HIGH}	2480	DH5-Sngl	2377	52.36	pk	hor	74.00	3	-21.64
F_{HIGH}	2480	DH5-Sngl	2377	45.03	avg	hor	54.00	3	-08.97
F_{HIGH}	2480	DH5-Sngl	2483.5	52.73	pk	hor	74.00	3	-21.27
F_{HIGH}	2480	DH5-Sngl	2483.5	46.54	RMS	hor	54.00	3	-07.46
F_{HIGH}	2480	DH5-Sngl	2483.5	47.88	pk	ver	74.00	3	-26.12
F_{HIGH}	2480	DH5-Sngl	2483.5	40.76	RMS	ver	54.00	3	-13.24
F_{HIGH}	2480	DH5-Sngl	4960	51.69	pk	hor	74.00	1	-22.31
F_{HIGH}	2480	DH5-Sngl	4960	49.46	avg	hor	54.00	1	-04.54
F_{HIGH}	2480	DH5-Sngl	4960	51.06	pk	ver	74.00	3	-22.94
F_{HIGH}	2480	DH5-Sngl	4960	48.63	avg	ver	54.00	3	-05.37
F_{HIGH}	2480	DH5-Sngl	7440	50.95	pk	hor	74.00	3	-23.05
F_{HIGH}	2480	DH5-Sngl	7440	46.18	avg	hor	54.00	3	-07.82
F_{HIGH}	2480	DH5-Sngl	19841	52.85	pk	hor	74.00	3	-21.15
F_{HIGH}	2480	DH5-Sngl	19841	42.73	avg	hor	54.00	3	-11.27

Test results – BT EDR									
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbµV/m]	Det.	Pol.	Limit [dbµV/m]	Limit dist. [m]*	Margin [dB]
F_{LOW}	2402	3DH5-Sngl	2363	40.28	pk	hor	74.00	3	-33.72
F_{LOW}	2402	3DH5-Sngl	2363	30.81	RMS	hor	54.00	3	-23.19
F_{LOW}	2402	3DH5-Sngl	2378	43.94	pk	ver	74.00	3	-30.06
F_{LOW}	2402	3DH5-Sngl	2378	26.70	RMS	ver	54.00	3	-27.30
F_{LOW}	2402	3DH5-Sngl	4804	55.01	pk	hor	74.00	1	-18.99
F_{LOW}	2402	3DH5-Sngl	4804	51.79	avg	hor	54.00	1	-02.21
F_{MID}	2441	3DH5-Sngl	2337.3	50.95	pk	hor	74.00	3	-23.05
F_{MID}	2441	3DH5-Sngl	2337.3	45.52	avg	hor	54.00	3	-08.48
F_{MID}	2441	3DH5-Sngl	2378.4	49.96	pk	hor	74.00	3	-24.04
F_{MID}	2441	3DH5-Sngl	2378.4	44.65	avg	hor	54.00	3	-09.35
F_{MID}	2441	3DH5-Sngl	4804	55.15	pk	hor	74.00	1	-18.85
F_{MID}	2441	3DH5-Sngl	4804	51.93	avg	hor	54.00	1	-02.07
F_{HIGH}	2480	3DH5-Sngl	2483.5	56.61	pk	hor	74.00	3	-17.39
F_{HIGH}	2480	3DH5-Sngl	2483.5	45.19	RMS	hor	54.00	3	-08.81
F_{HIGH}	2480	3DH5-Sngl	2483.5	51.25	pk	ver	74.00	3	-22.75
F_{HIGH}	2480	3DH5-Sngl	2483.5	39.59	RMS	ver	54.00	3	-14.41
F_{HIGH}	2480	3DH5-Sngl	4804	54.87	pk	hor	74.00	1	-19.13
F_{HIGH}	2480	3DH5-Sngl	4804	51.62	avg	hor	54.00	1	-02.38

Test Conditions and Results – Receiver radiated emissions

Receiver radiated emissions acc. IC RSS-210				**Verdict: PASS**
Test according referenced standards	Reference Method			
	IC RSS-210 A8.5			
Test according to measurement reference	Reference Method			
	ANSI C63.4			
Test frequency range	Tested frequencies			
	30 MHz – 3th 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]
scan mode	2402 -2480	7400	49.53	hor	pk	53.98	-4.45 dB

Comments:

ANNEX A Transmitter radiated spurious emissions

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-03
Note:	

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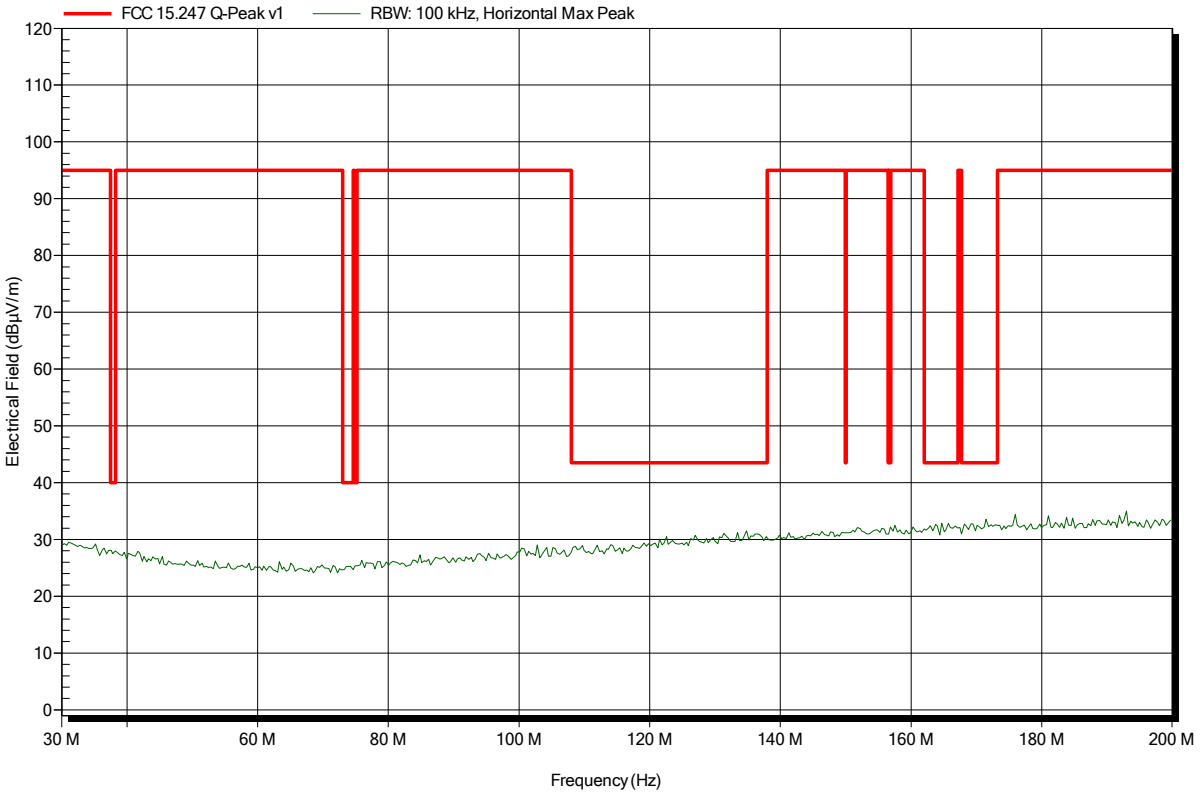

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-03
Note:	

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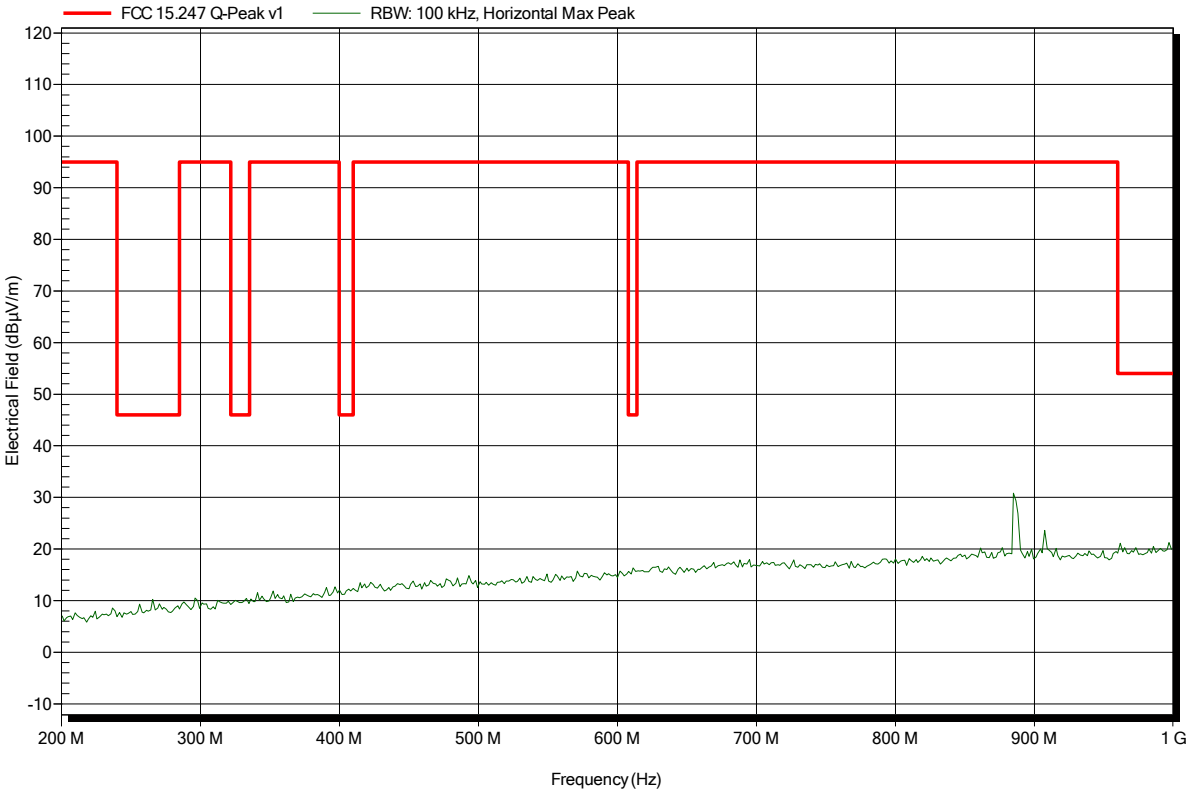

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-03
Note:	

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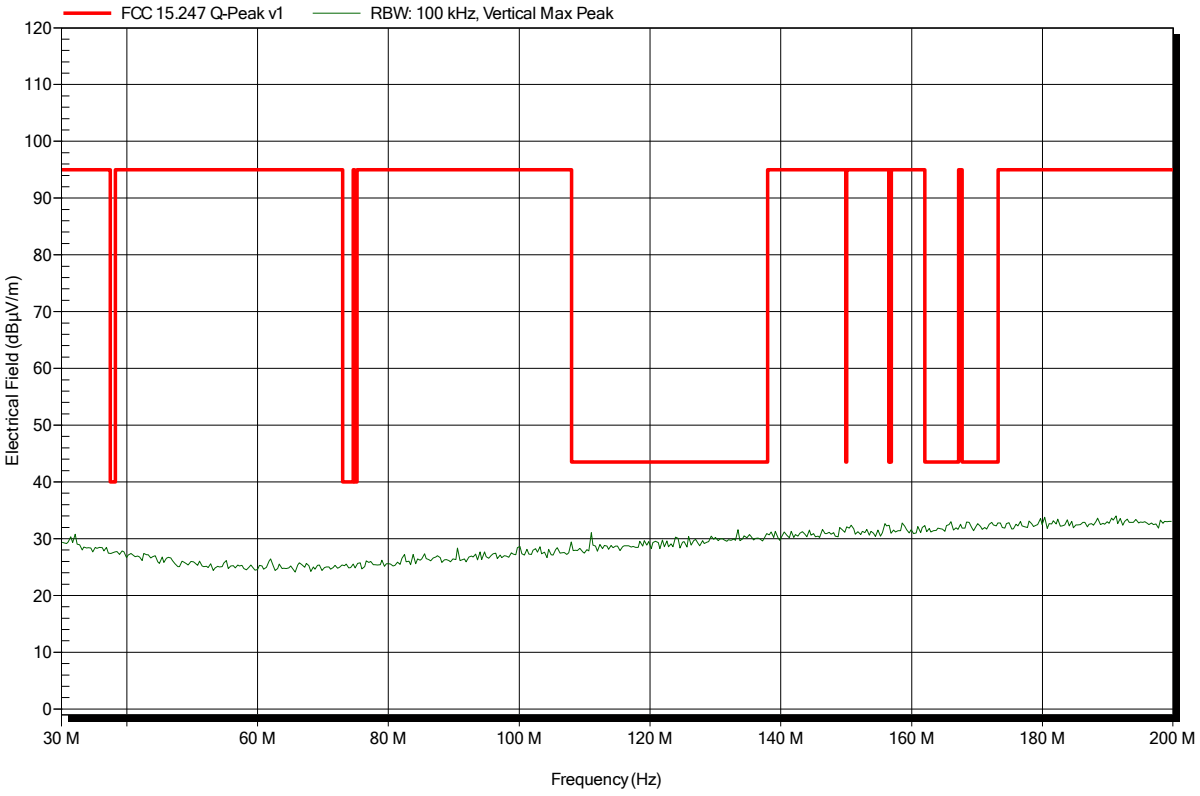

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-03
Note:	

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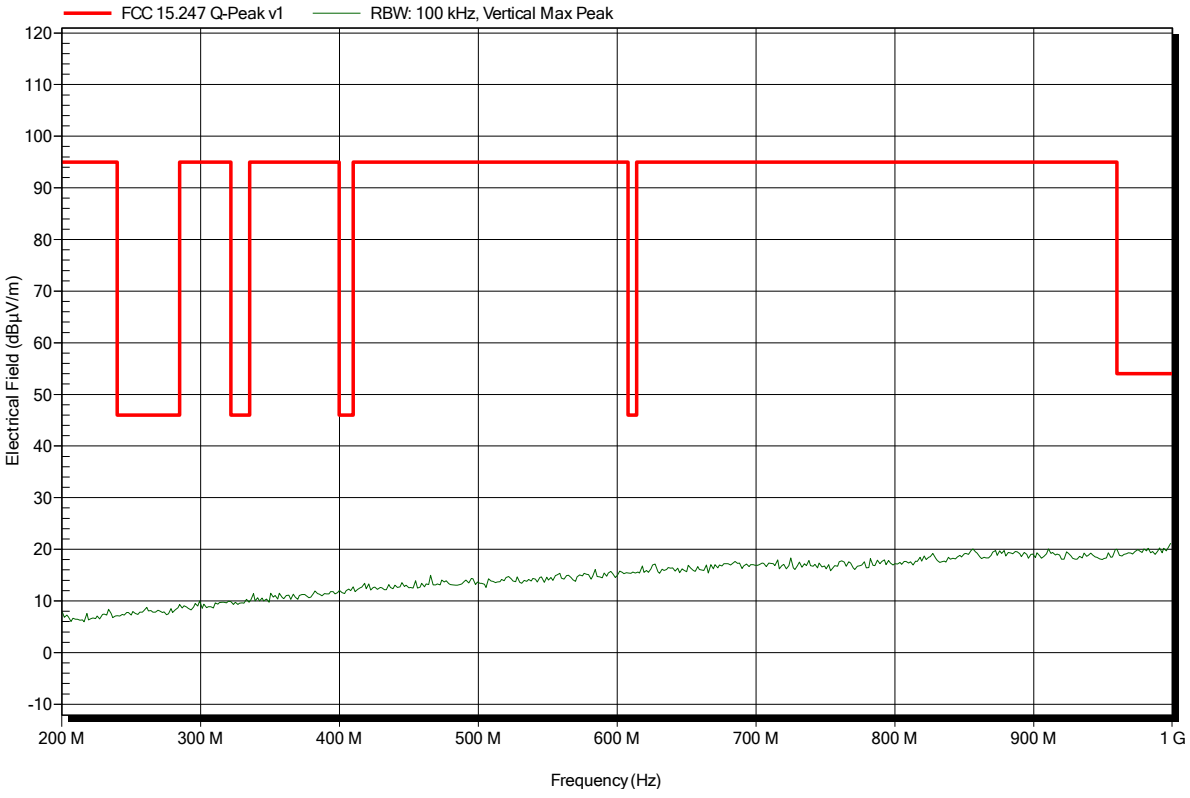

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-03
Note:	

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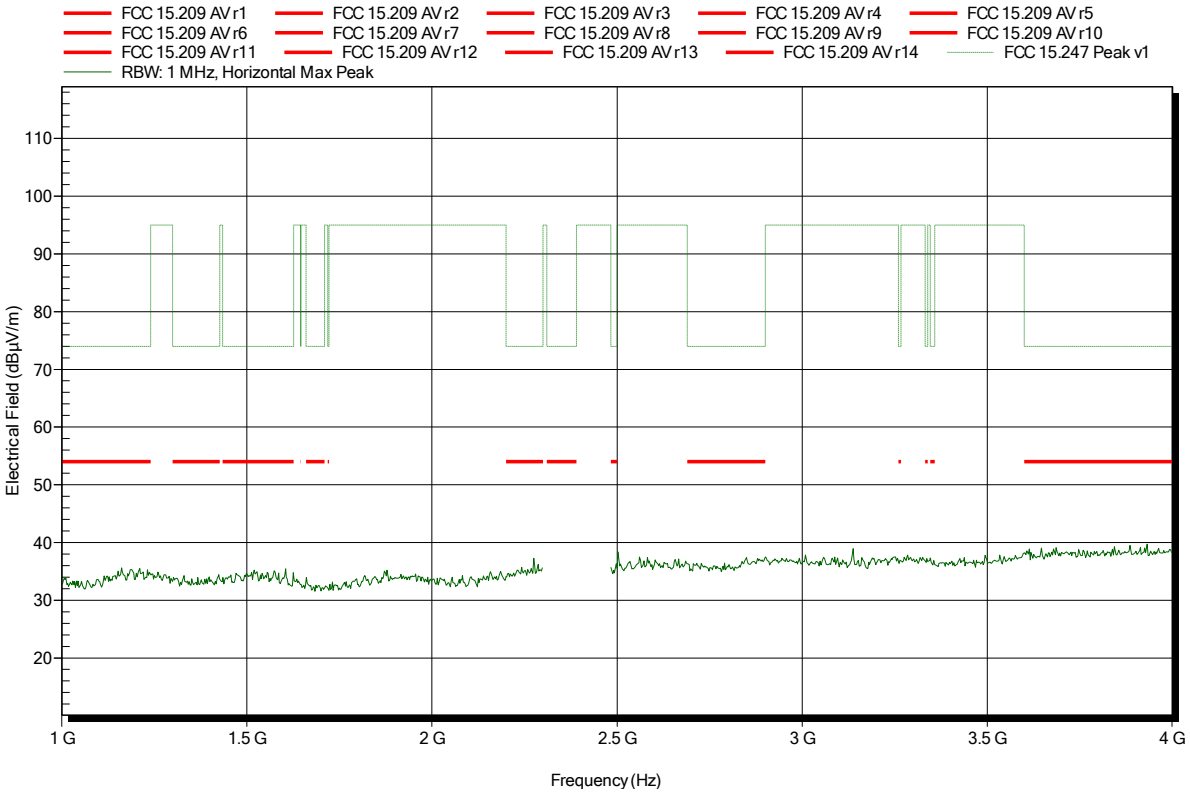

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-03
Note:	

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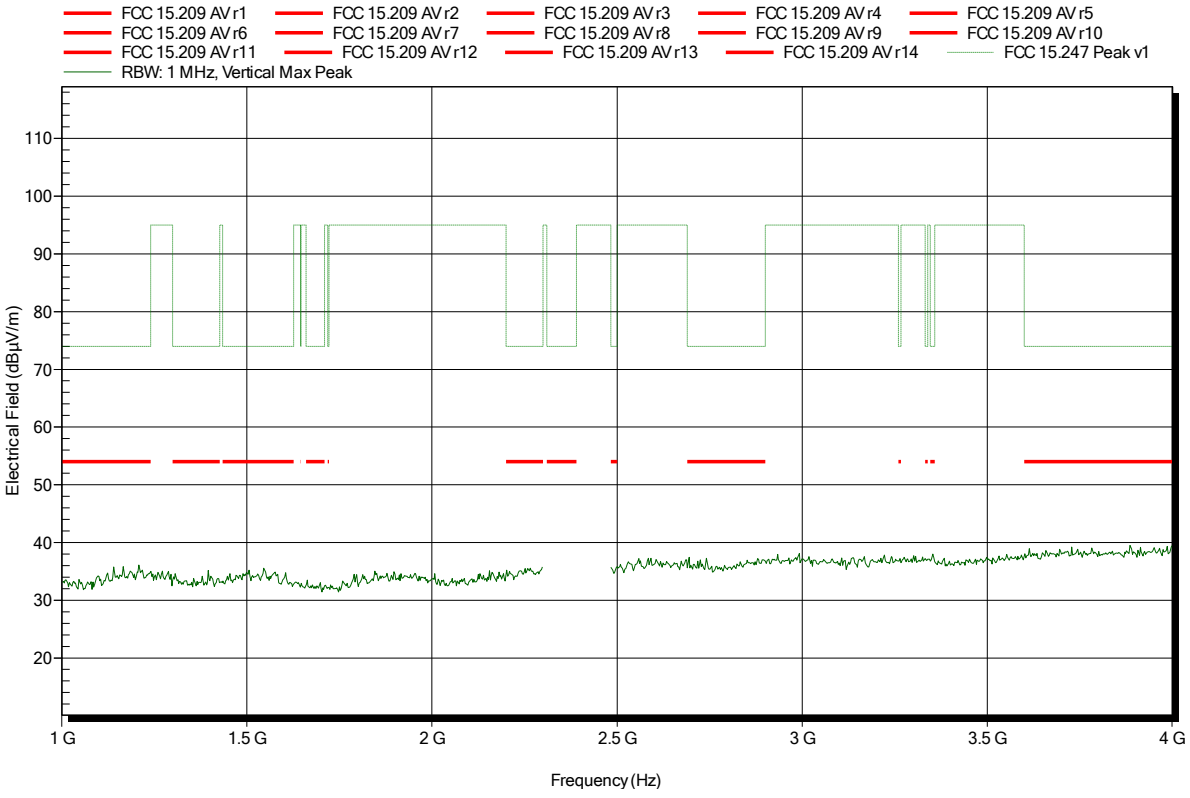

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-03
Note:	lower bandedge

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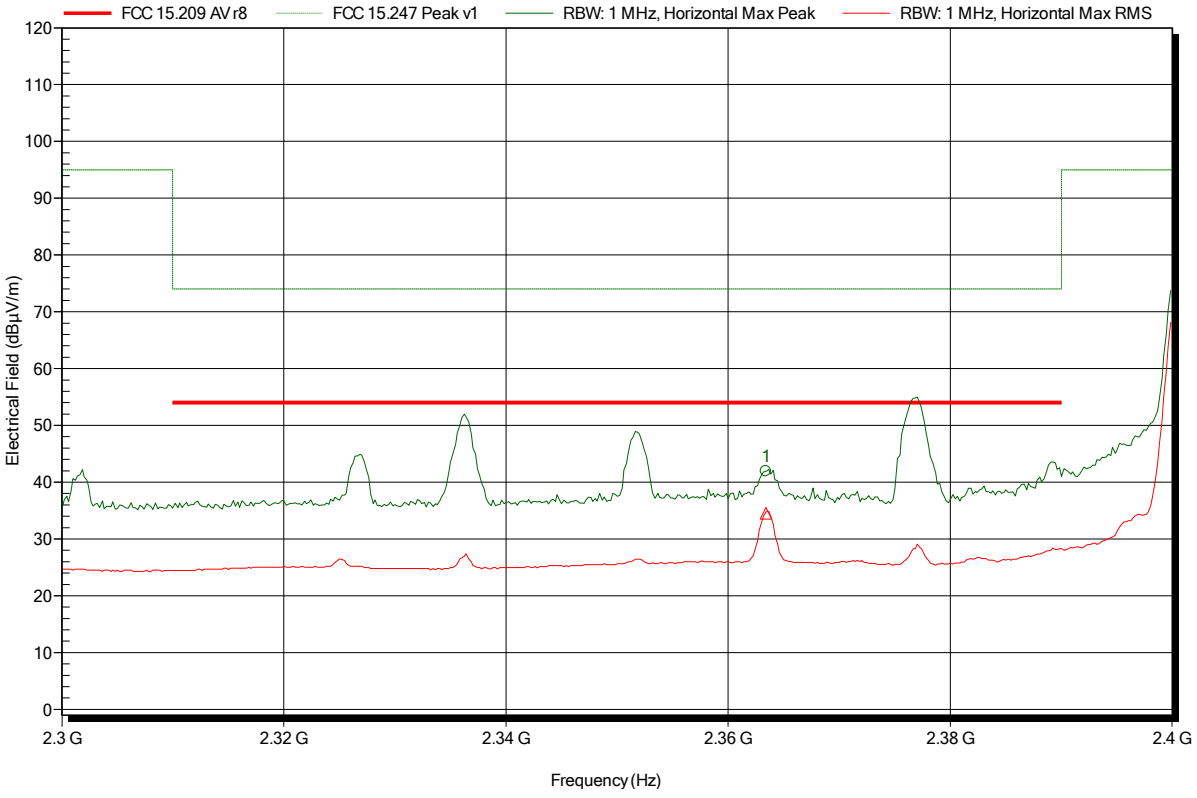

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.363 GHz	41.95 dBµV/m	74 dBµV/m	-32.05 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.363 GHz	34.51 dBµV/m	54 dBµV/m	-19.49 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-03
Note:	lower bandedge

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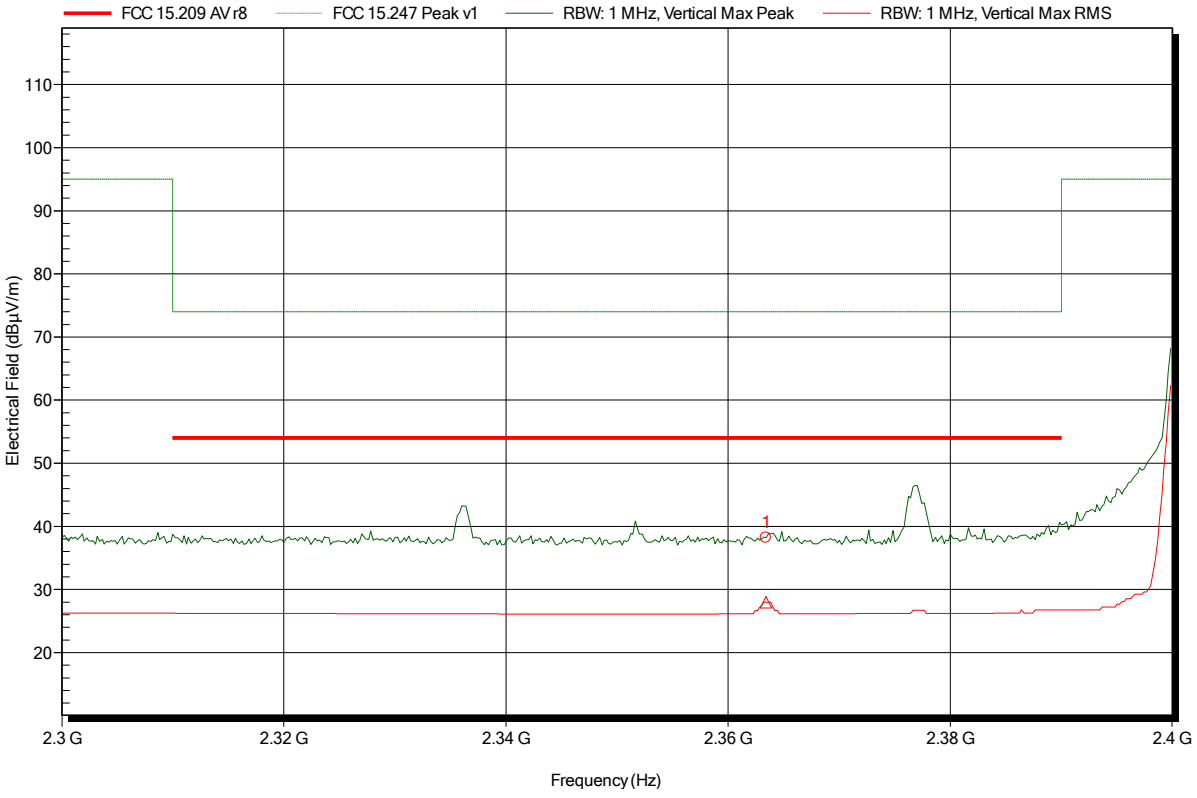

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.363 GHz	38.18 dBµV/m	74 dBµV/m	-35.82 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.363 GHz	27.97 dBµV/m	54 dBµV/m	-26.03 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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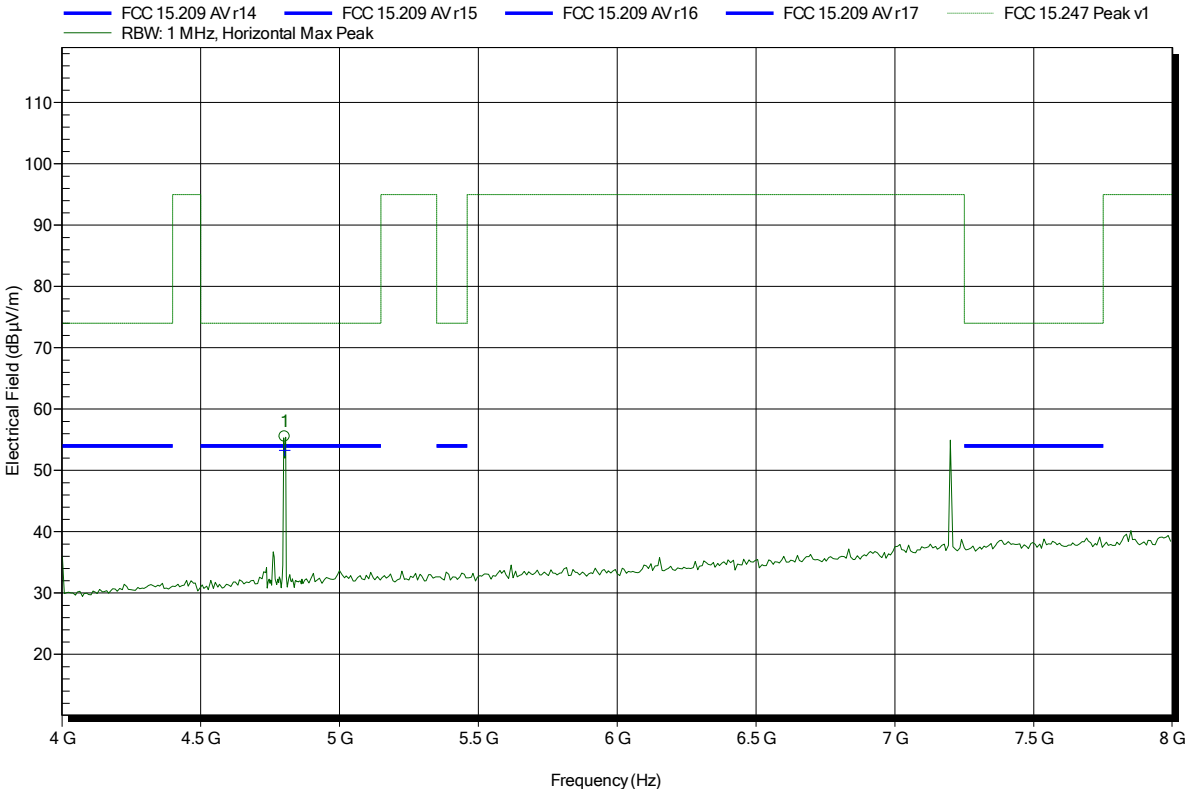


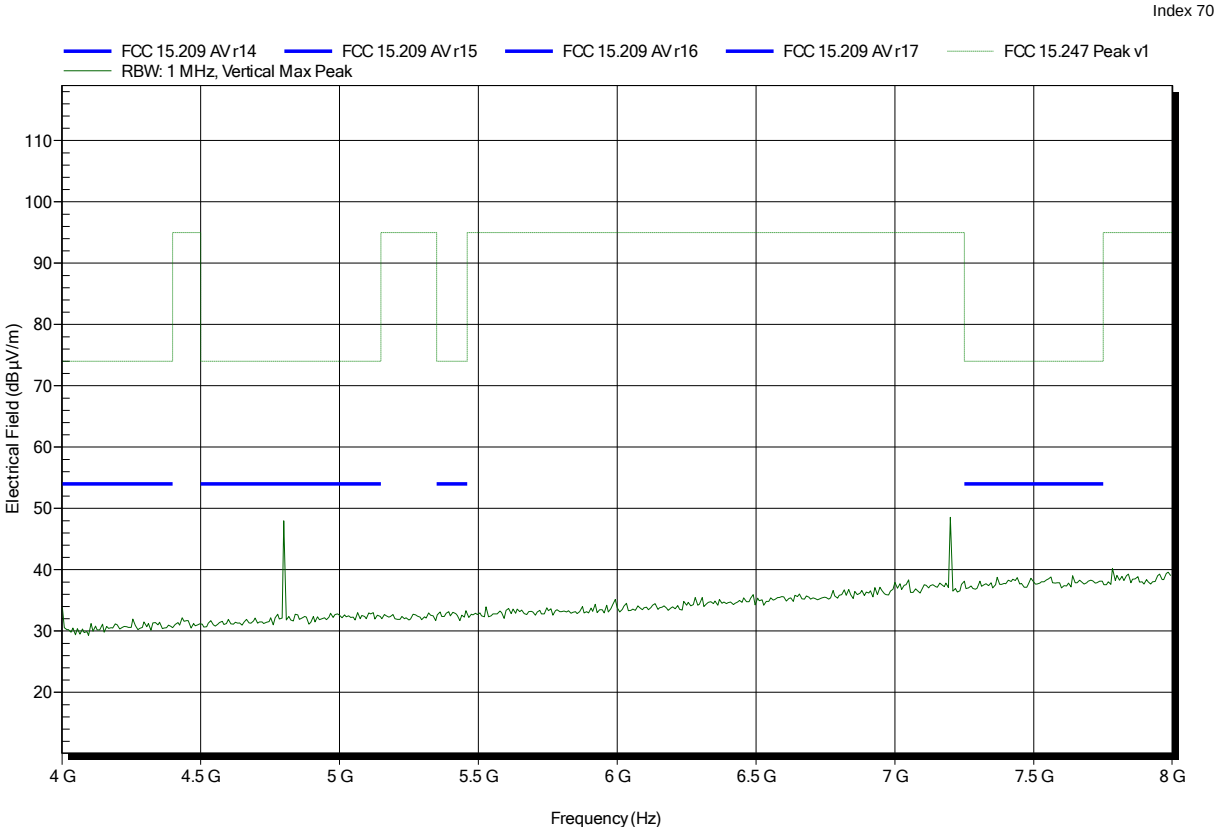
Frequency	Peak	Peak Limit	Peak Difference	Status
4.804 GHz	55.53 dBµV/m	74 dBµV/m	-18.47 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
4.804 GHz	53.28 dBµV/m	54 dBµV/m	-0.72 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-04
Note:	



Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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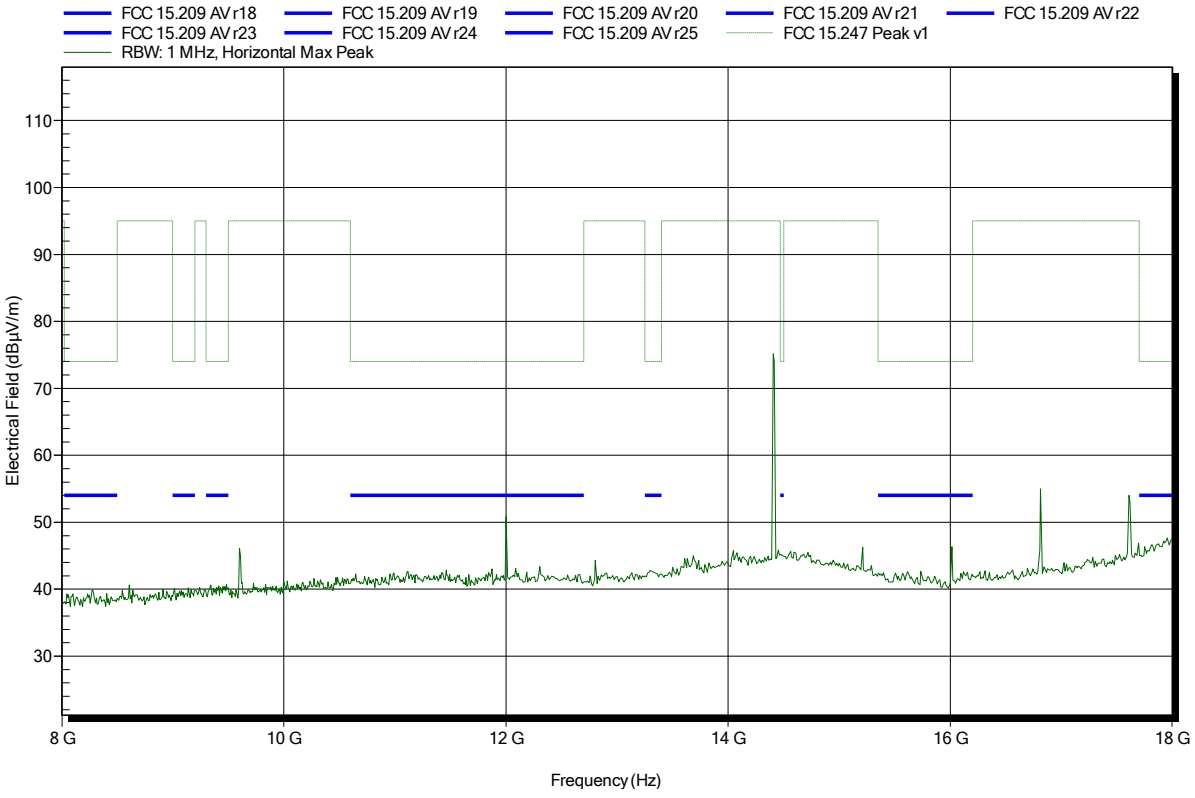

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Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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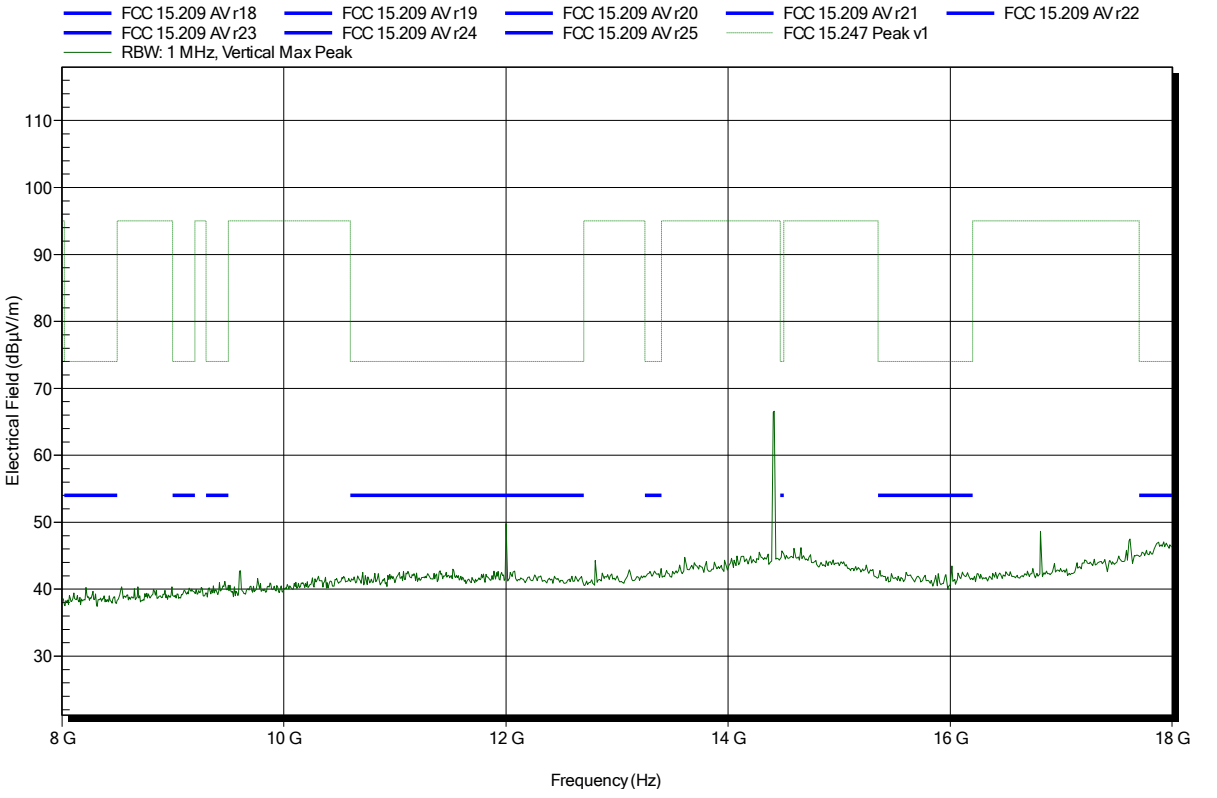

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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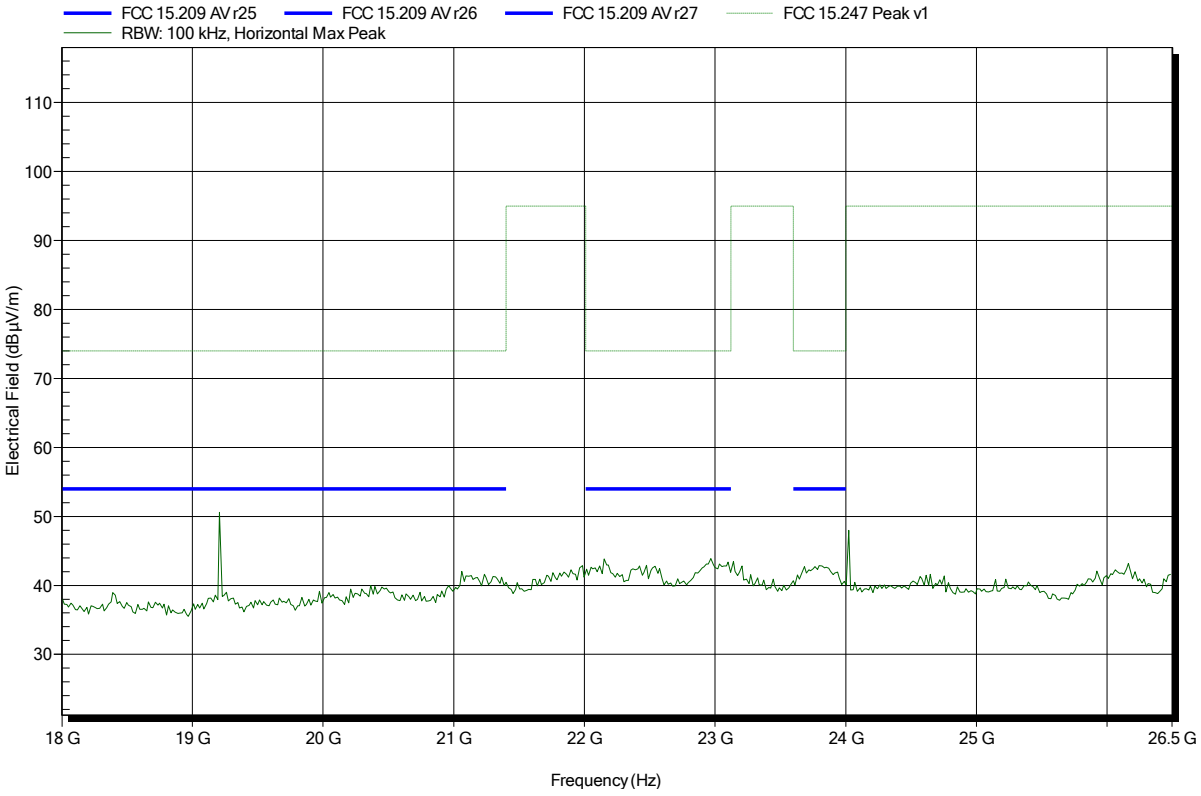

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EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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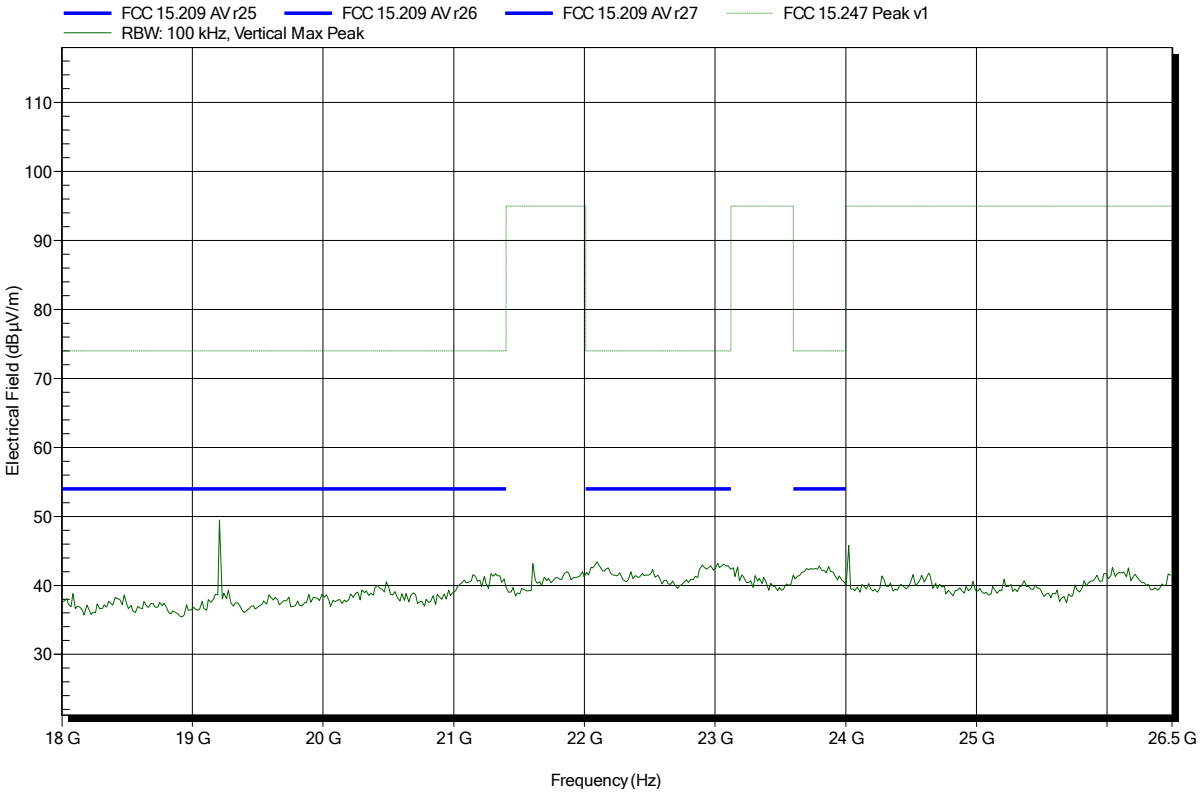

Spurious emissions according to FCC 15.247

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Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2441 MHz
Test Date:	2015-02-03
Note:	

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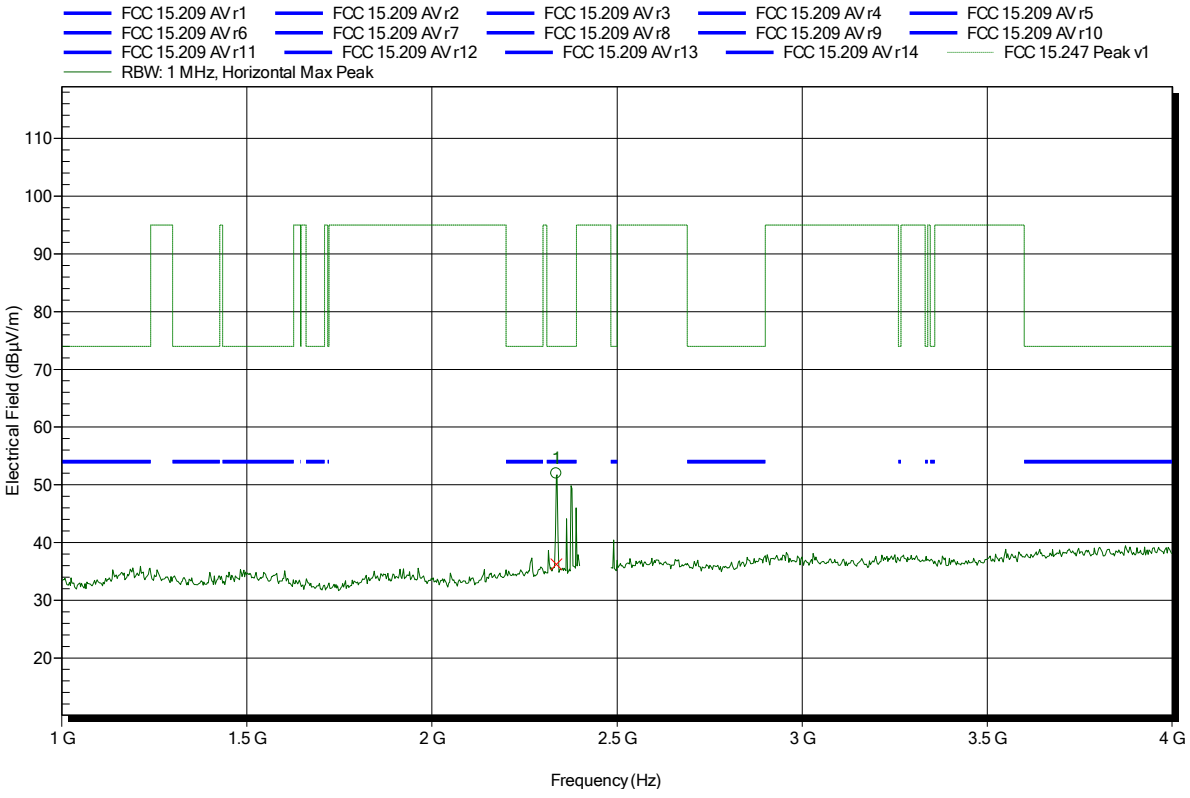

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.3364 GHz	51.97 dBµV/m	74 dBµV/m	-22.03 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
2.3364 GHz	36.21 dBµV/m	54 dBµV/m	-17.79 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

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Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2441 MHz
Test Date:	2015-02-03
Note:	

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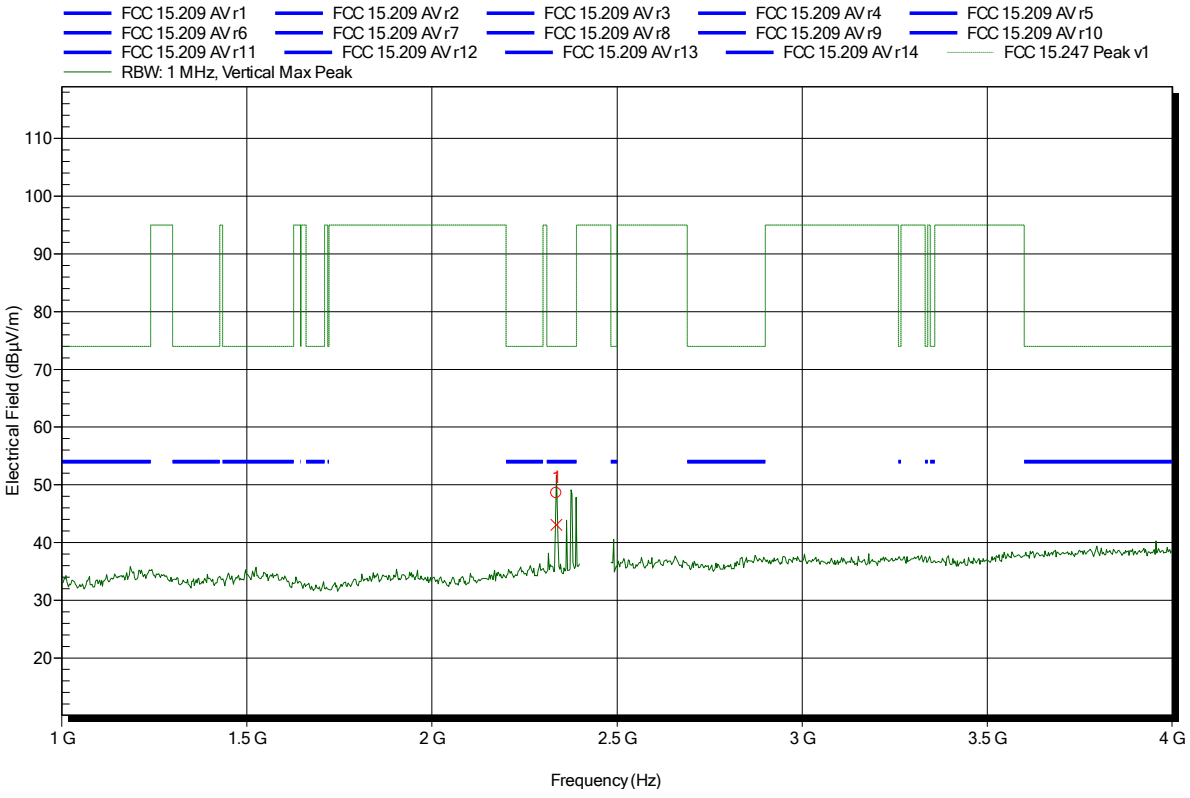

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.3363 GHz	48.54 dBµV/m	74 dBµV/m	-25.46 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
2.3363 GHz	43.03 dBµV/m	54 dBµV/m	-10.97 dB	Pass

Spurious emissions according to FCC 15.247

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Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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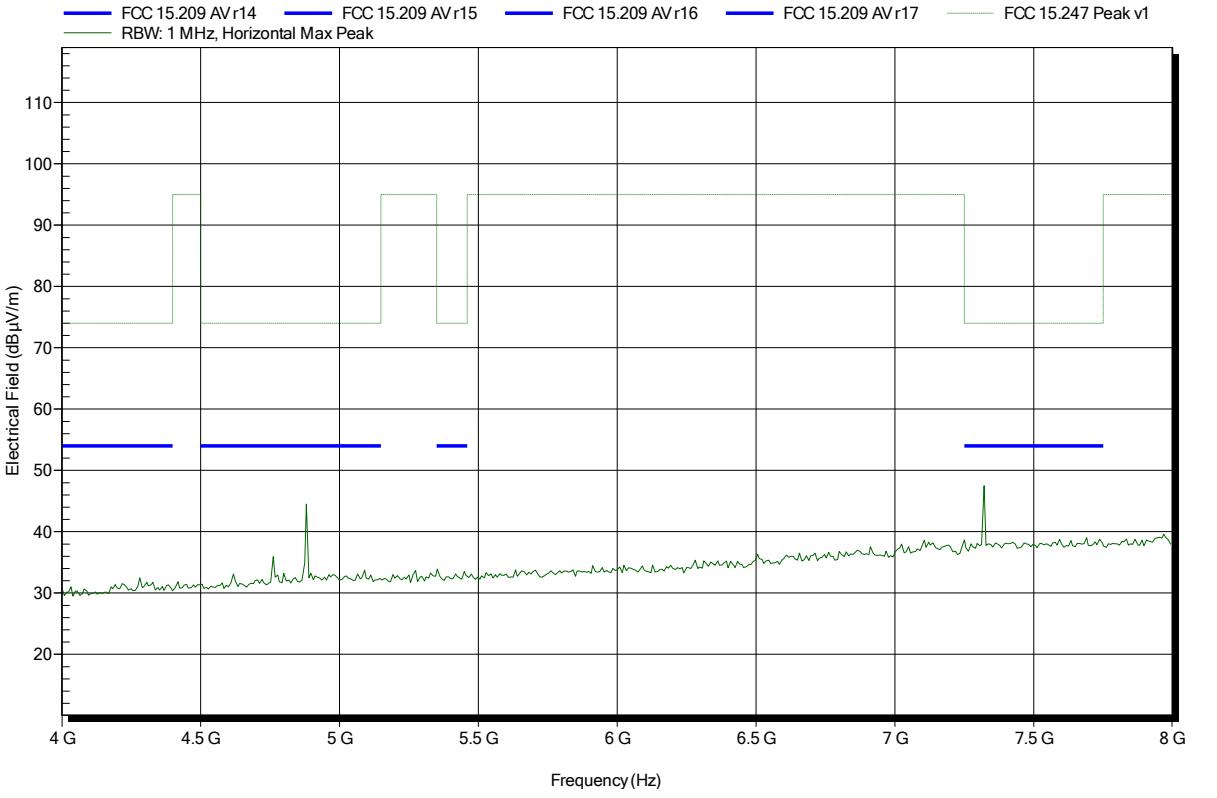

Spurious emissions according to FCC 15.247

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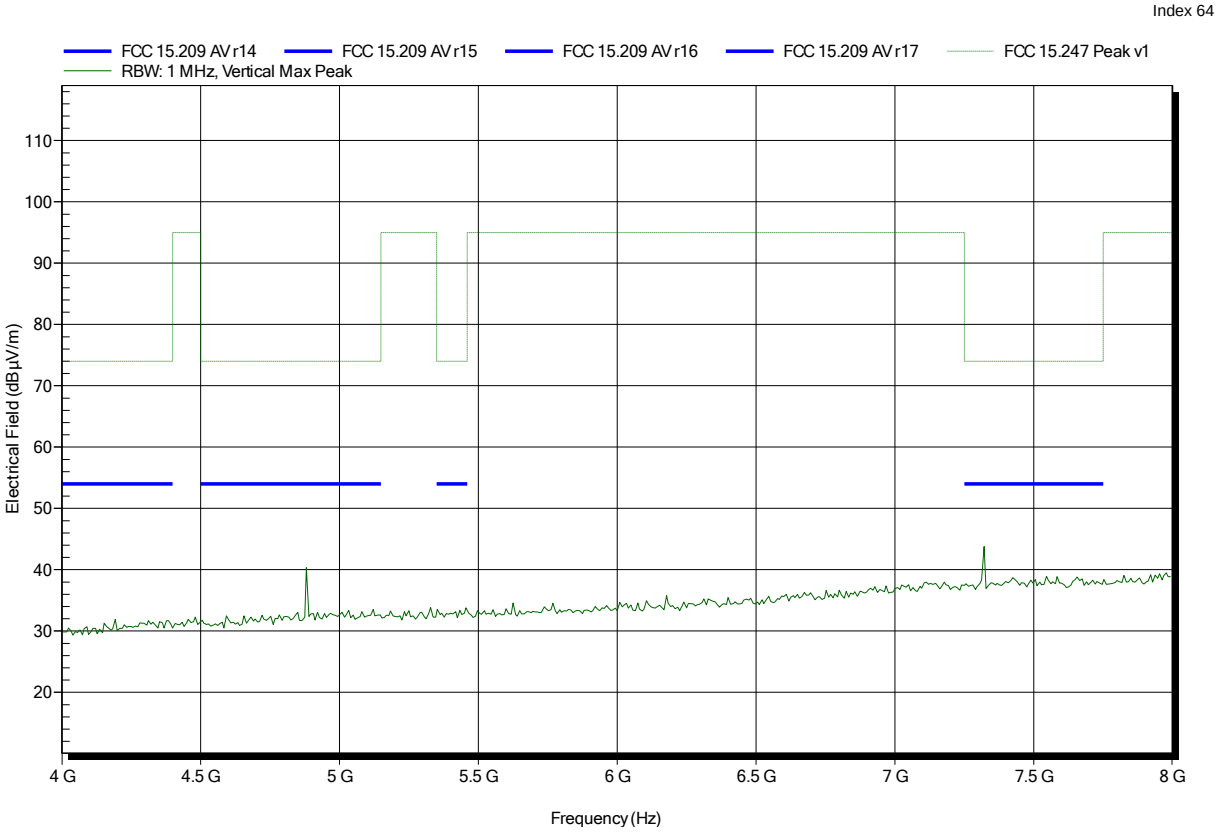
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2441 MHz
Test Date:	2015-02-04
Note:	



Spurious emissions according to FCC 15.247

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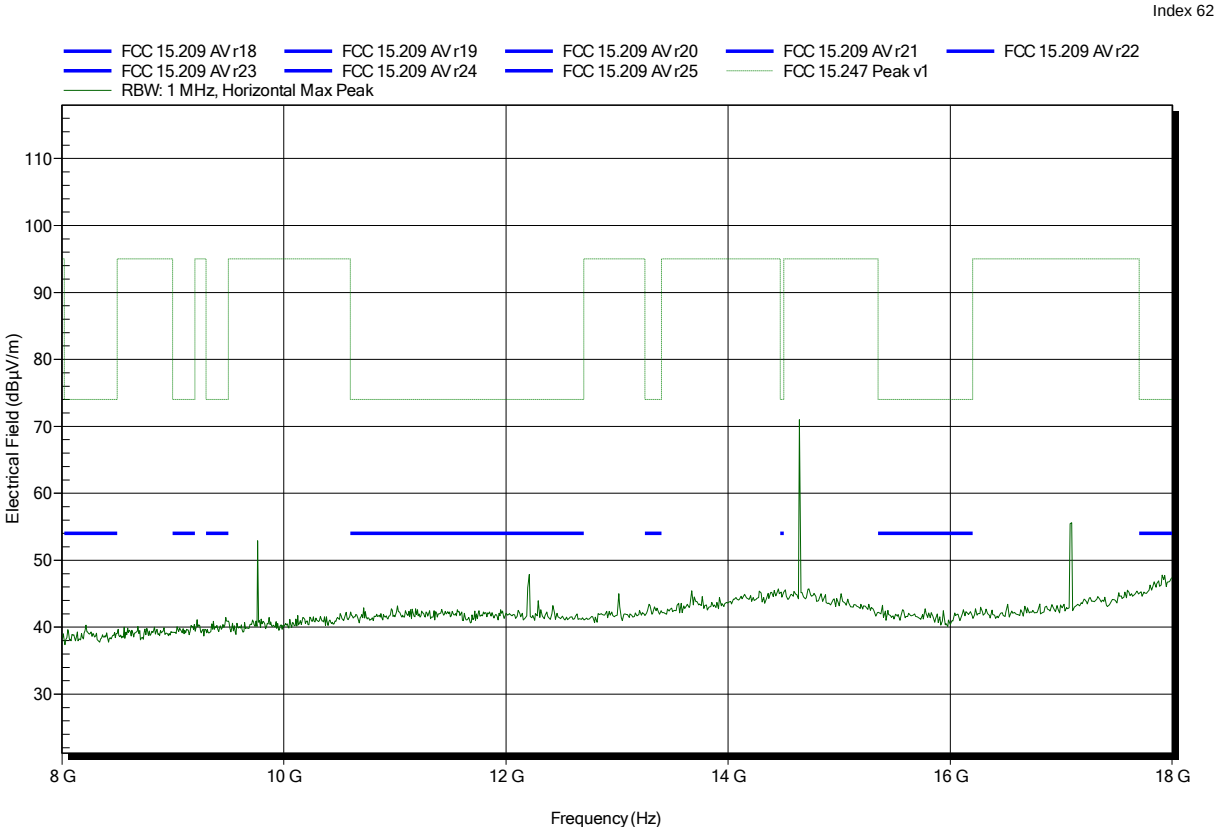
Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2441 MHz
Test Date:	2015-02-04
Note:	



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Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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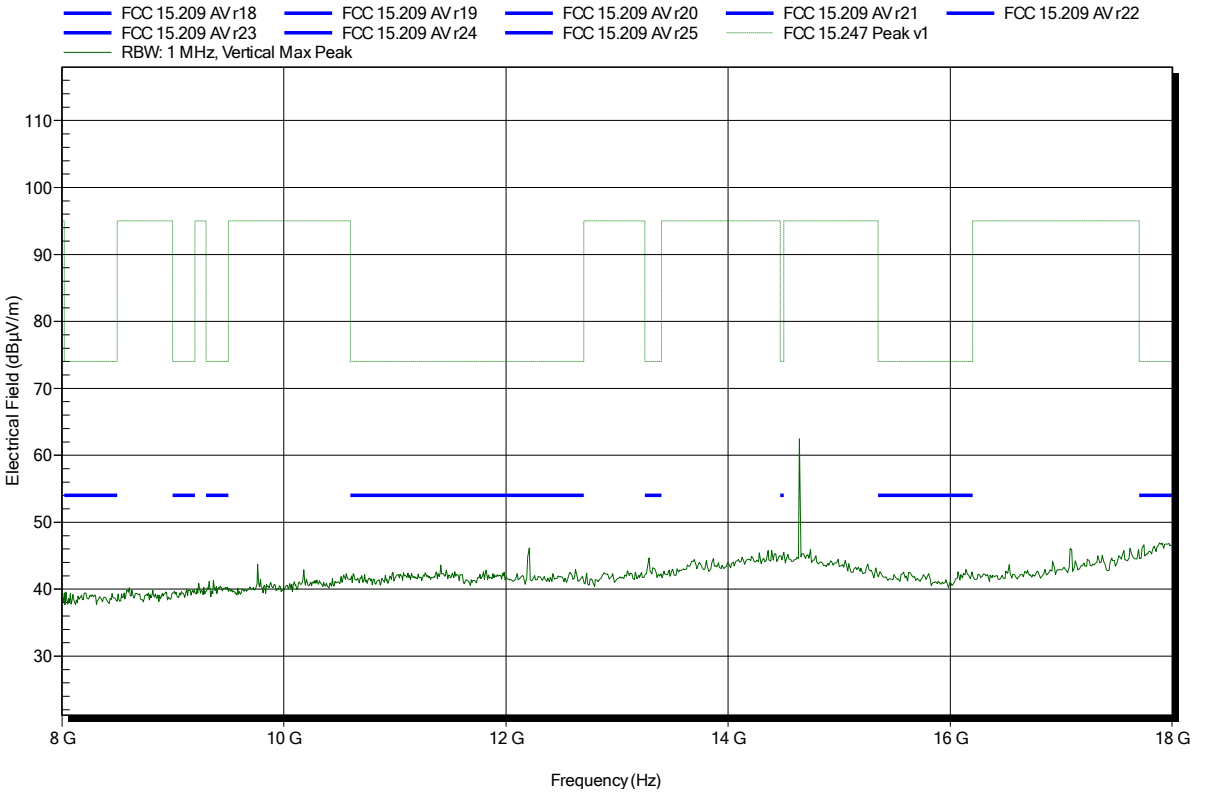

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Project number: G0M-1411-4306

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Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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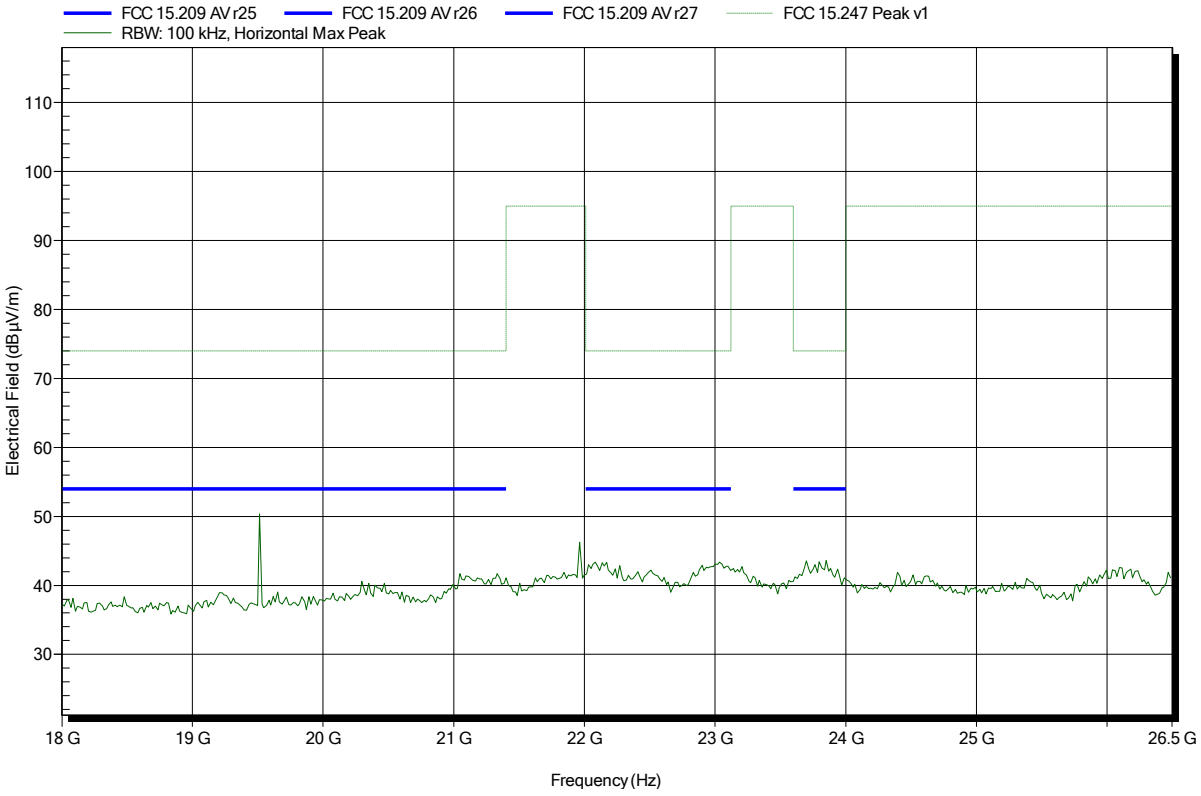

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Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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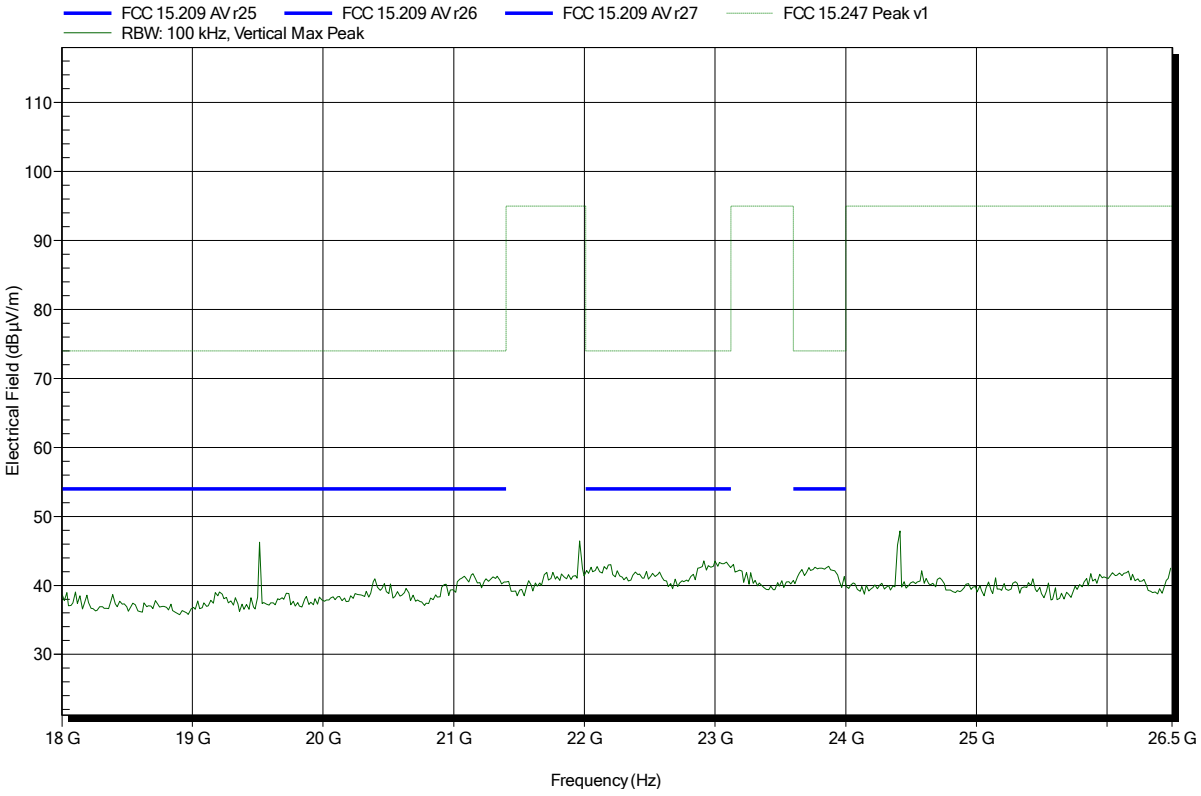

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-03
Note:	

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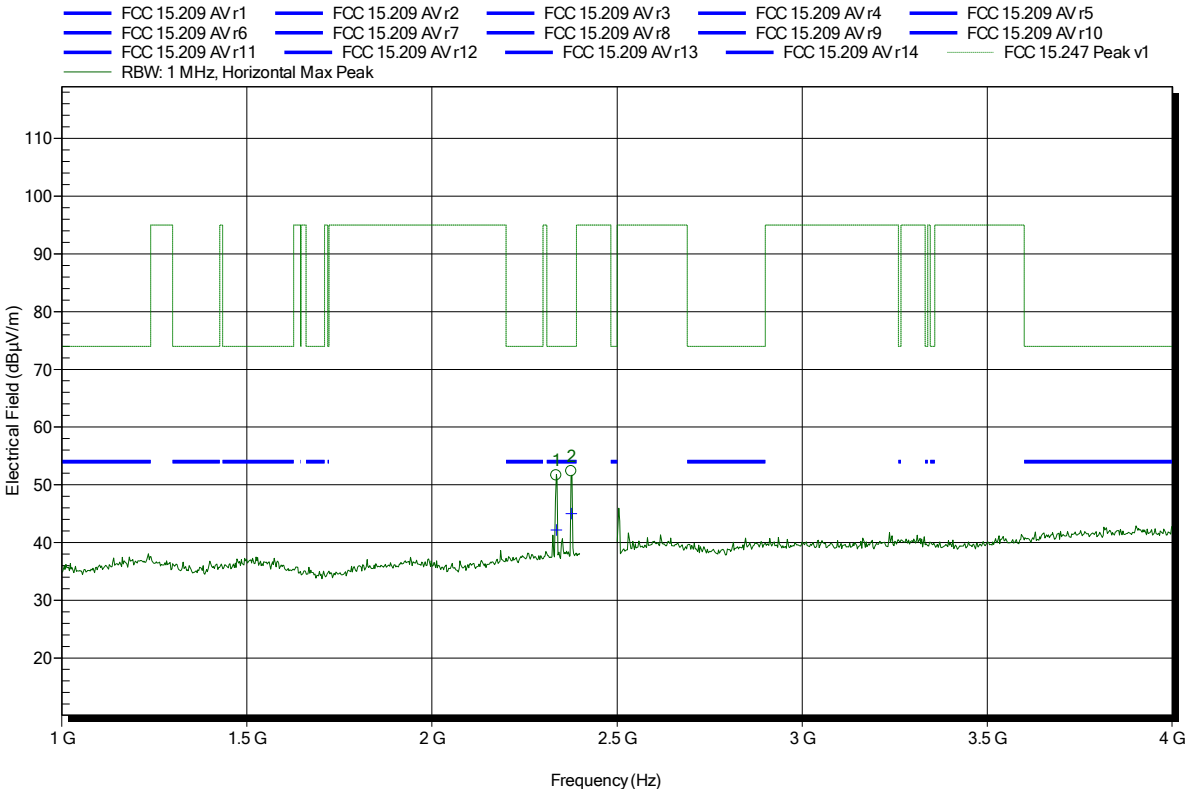

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.336 GHz	51.63 dBµV/m	74 dBµV/m	-22.37 dB	Pass
2.377 GHz	52.36 dBµV/m	74 dBµV/m	-21.64 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
2.336 GHz	42.15 dBµV/m	54 dBµV/m	-11.85 dB	Pass
2.377 GHz	45.03 dBµV/m	54 dBµV/m	-8.97 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-03
Note:	

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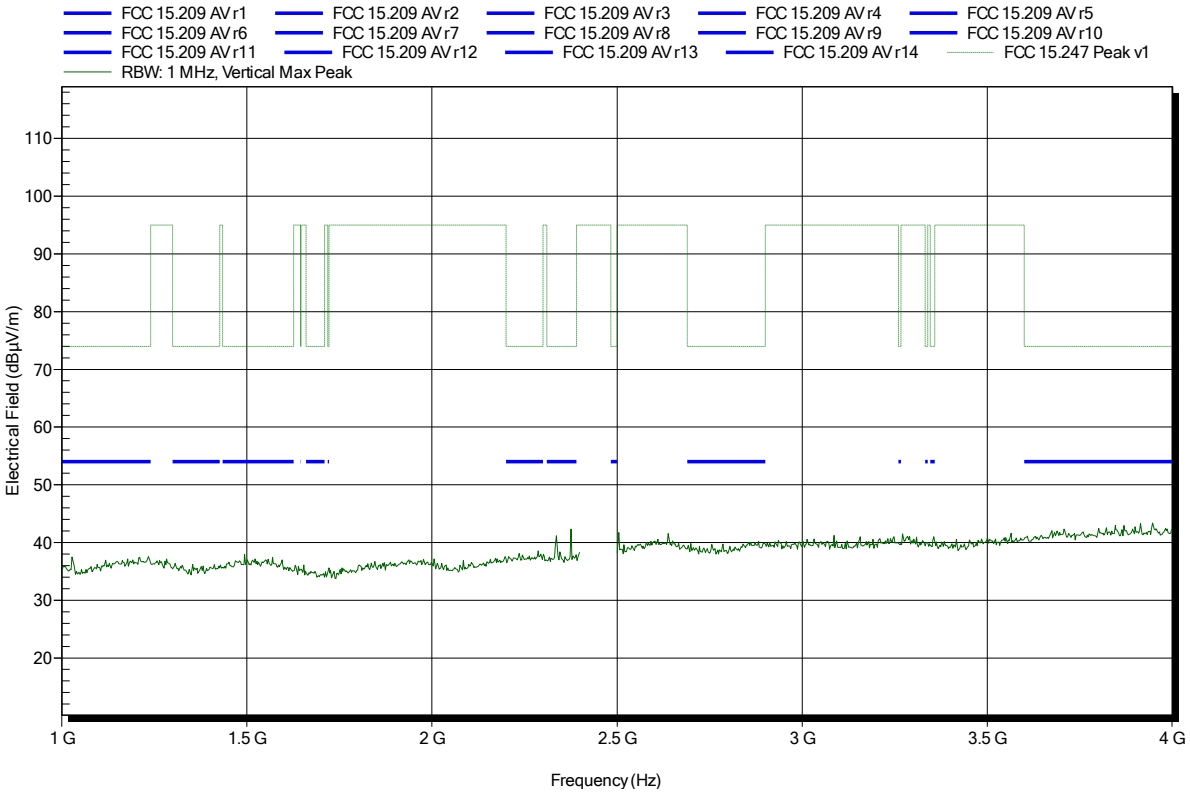

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-03
Note:	upper bandedge

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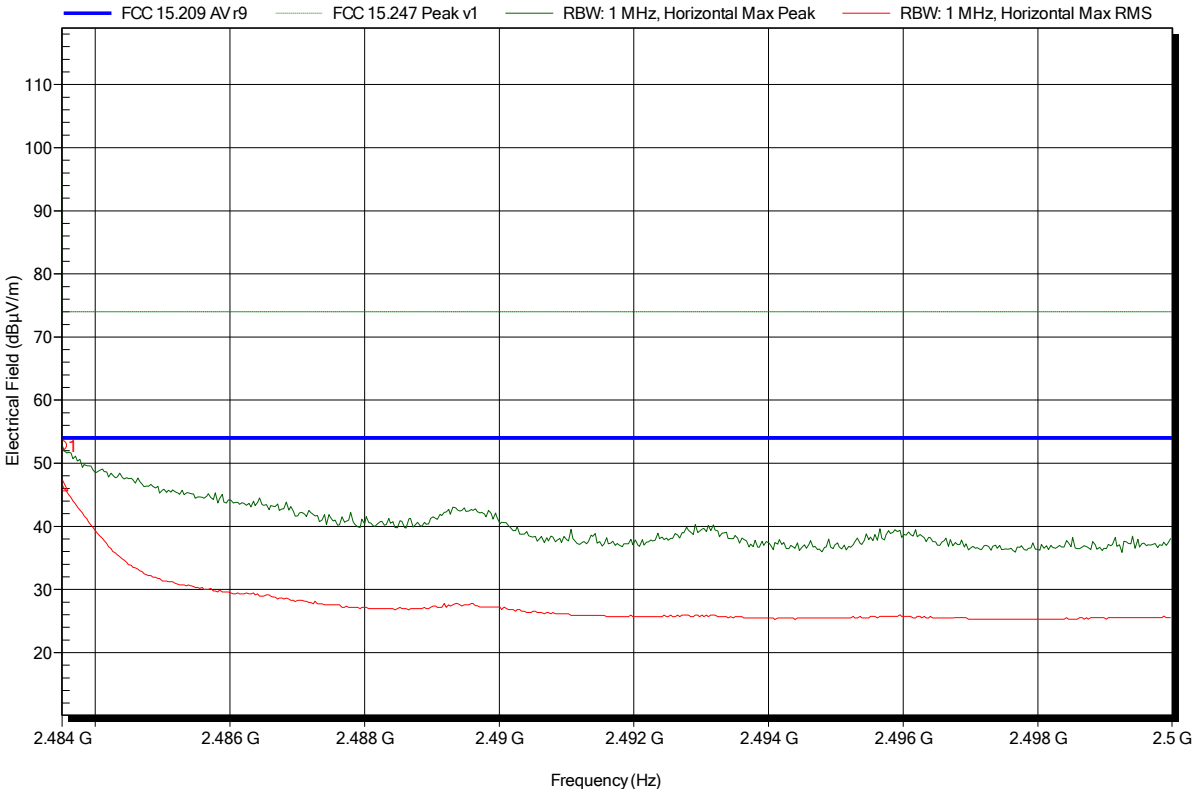

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4835 GHz	52.73 dBµV/m	74 dBµV/m	-21.27 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4835 GHz	46.54 dBµV/m	54 dBµV/m	-7.46 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-03
Note:	upper bandedge

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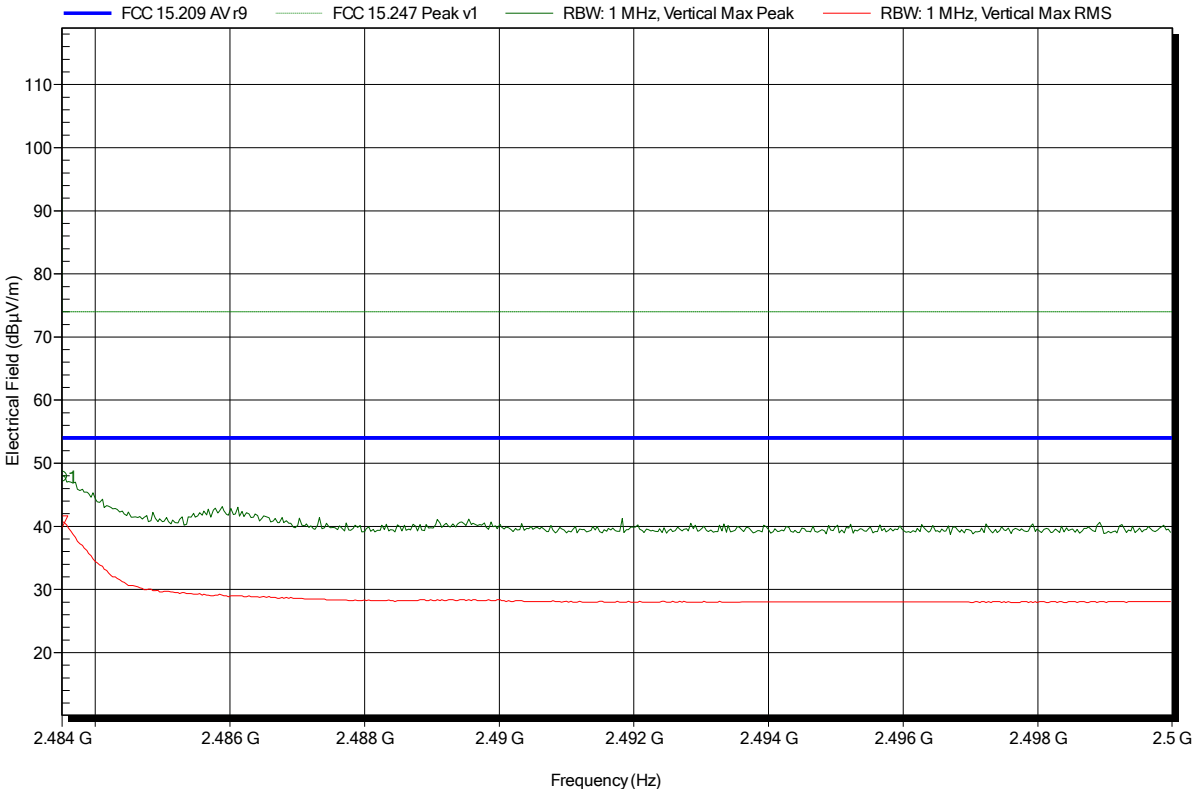

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4835 GHz	47.88 dBµV/m	74 dBµV/m	-26.12 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4835 GHz	40.76 dBµV/m	54 dBµV/m	-13.24 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-03
Note:	

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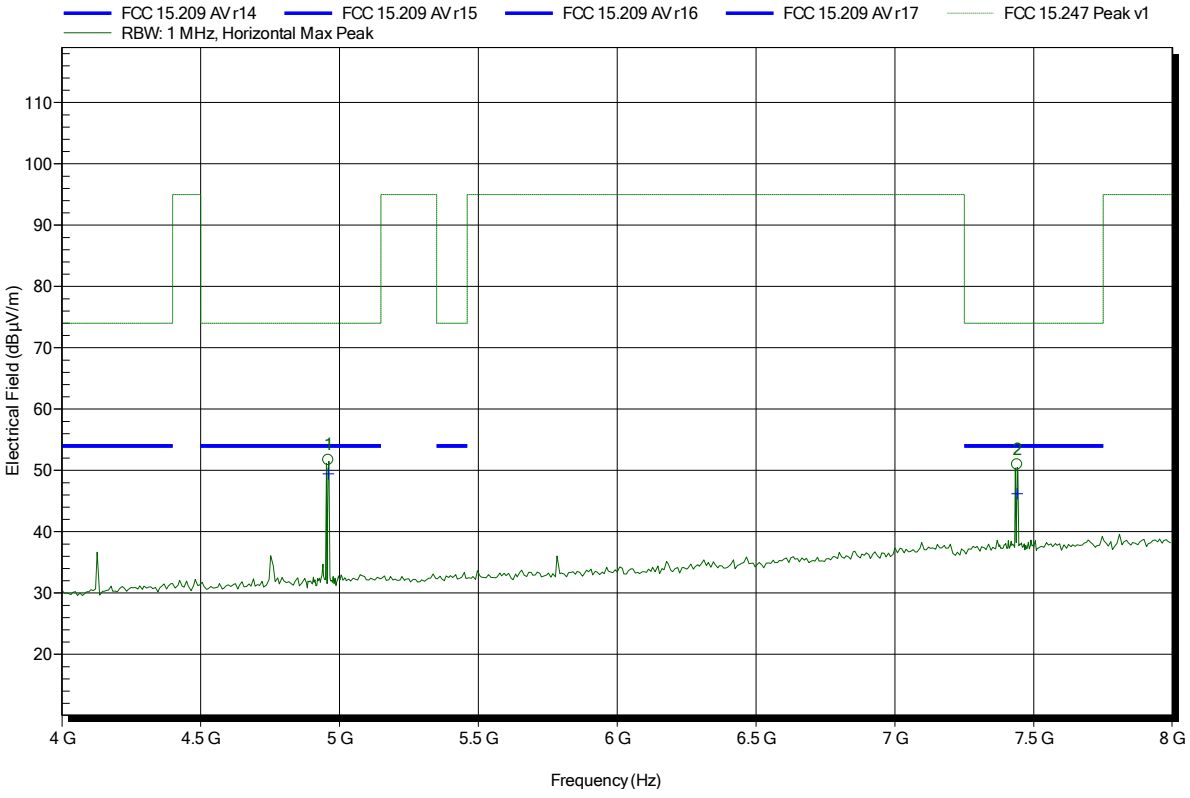

Frequency	Peak	Peak Limit	Peak Difference	Status
4.96 GHz	51.69 dBµV/m	74 dBµV/m	-22.31 dB	Pass
7.44 GHz	50.95 dBµV/m	74 dBµV/m	-23.05 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
4.96 GHz	49.46 dBµV/m	54 dBµV/m	-4.54 dB	Pass
7.44 GHz	46.18 dBµV/m	54 dBµV/m	-7.82 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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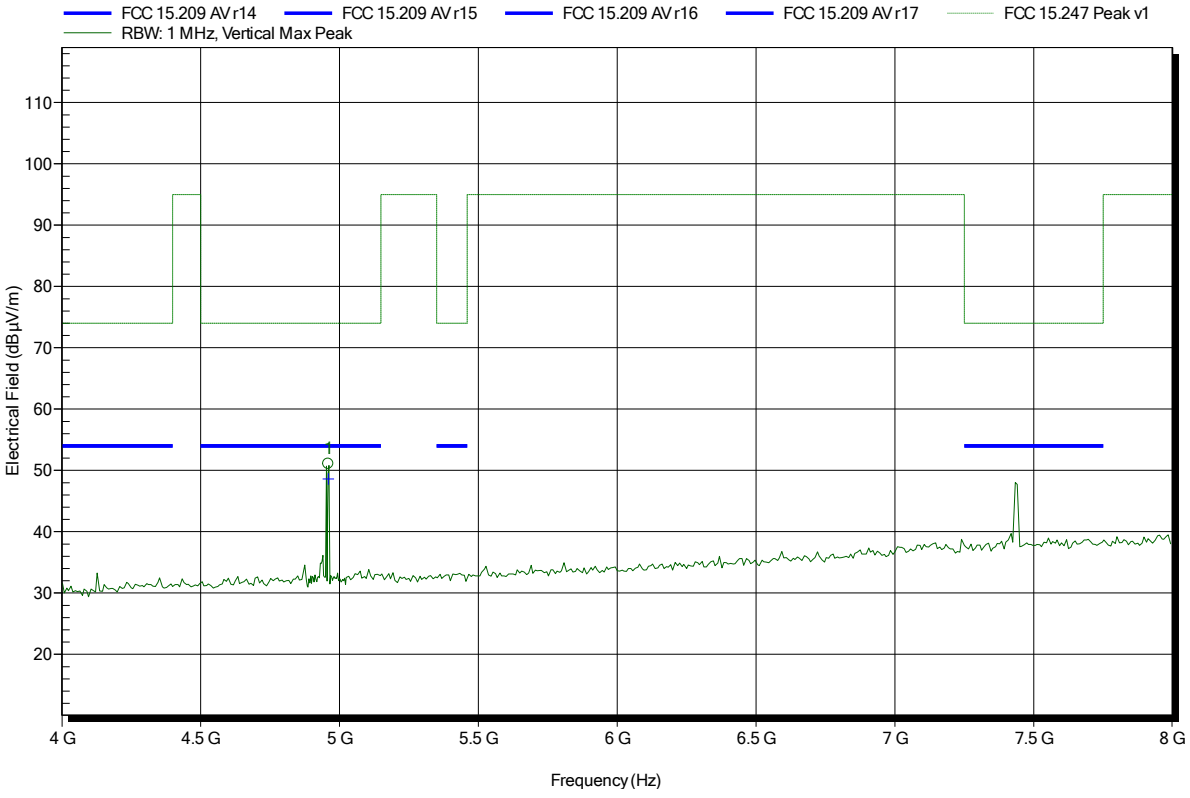

Frequency	Peak	Peak Limit	Peak Difference	Status
4.96 GHz	51.06 dBµV/m	74 dBµV/m	-22.94 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
4.96 GHz	48.63 dBµV/m	54 dBµV/m	-5.37 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-03
Note:	

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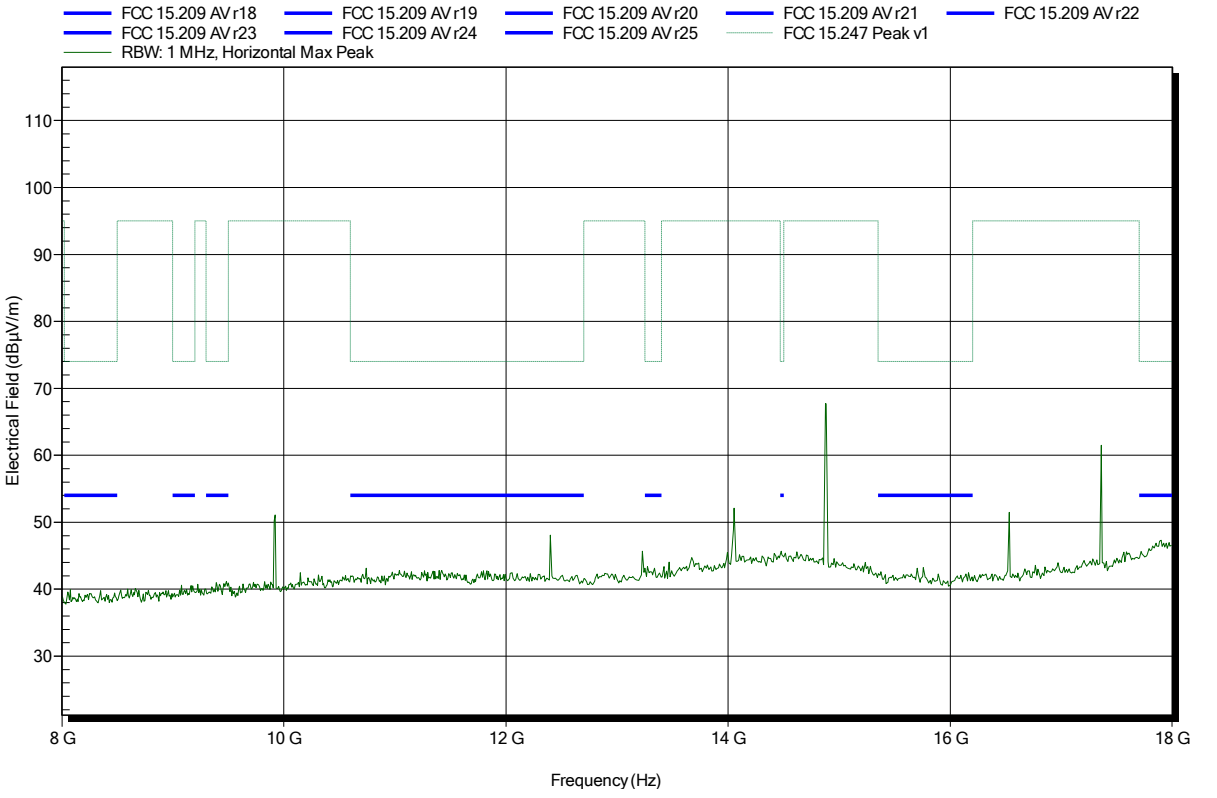

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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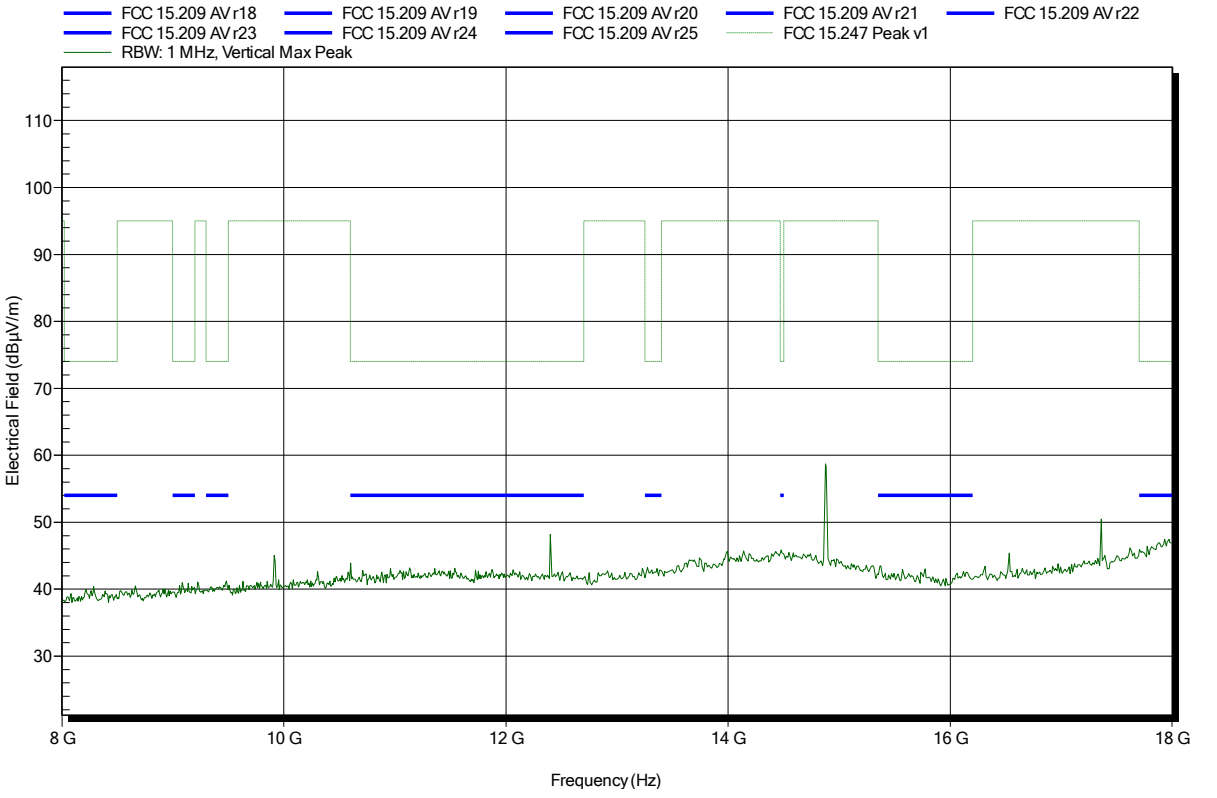

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-03
Note:	

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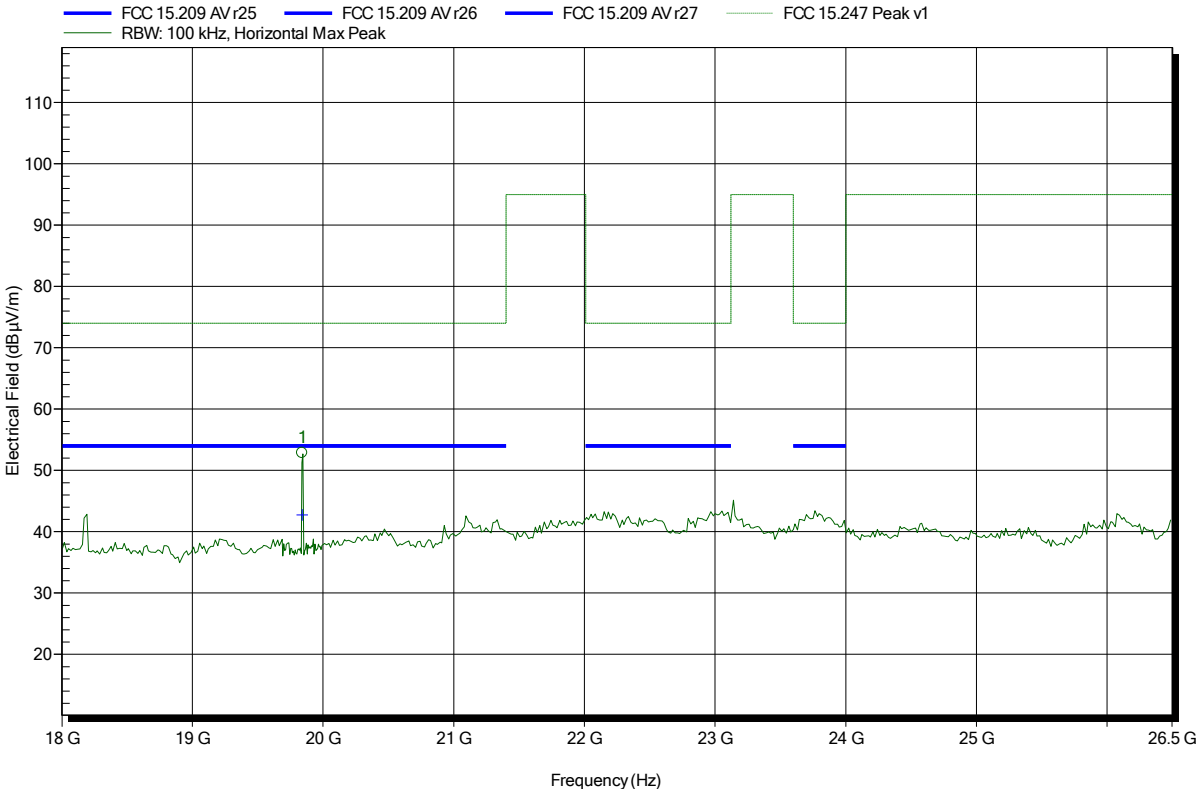

Frequency	Peak	Peak Limit	Peak Difference	Status
19.841 GHz	52.85 dBµV/m	74 dBµV/m	-21.15 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
19.841 GHz	42.73 dBµV/m	54 dBµV/m	-11.27 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT basic, DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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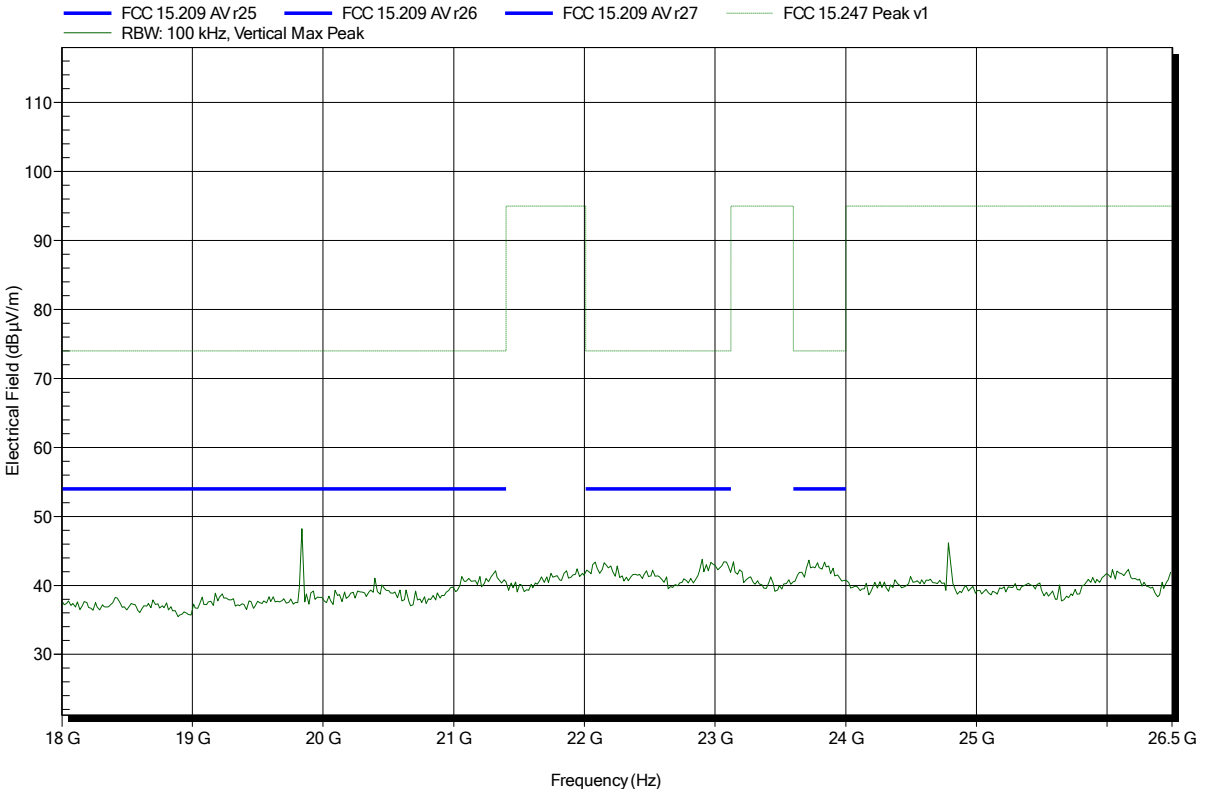

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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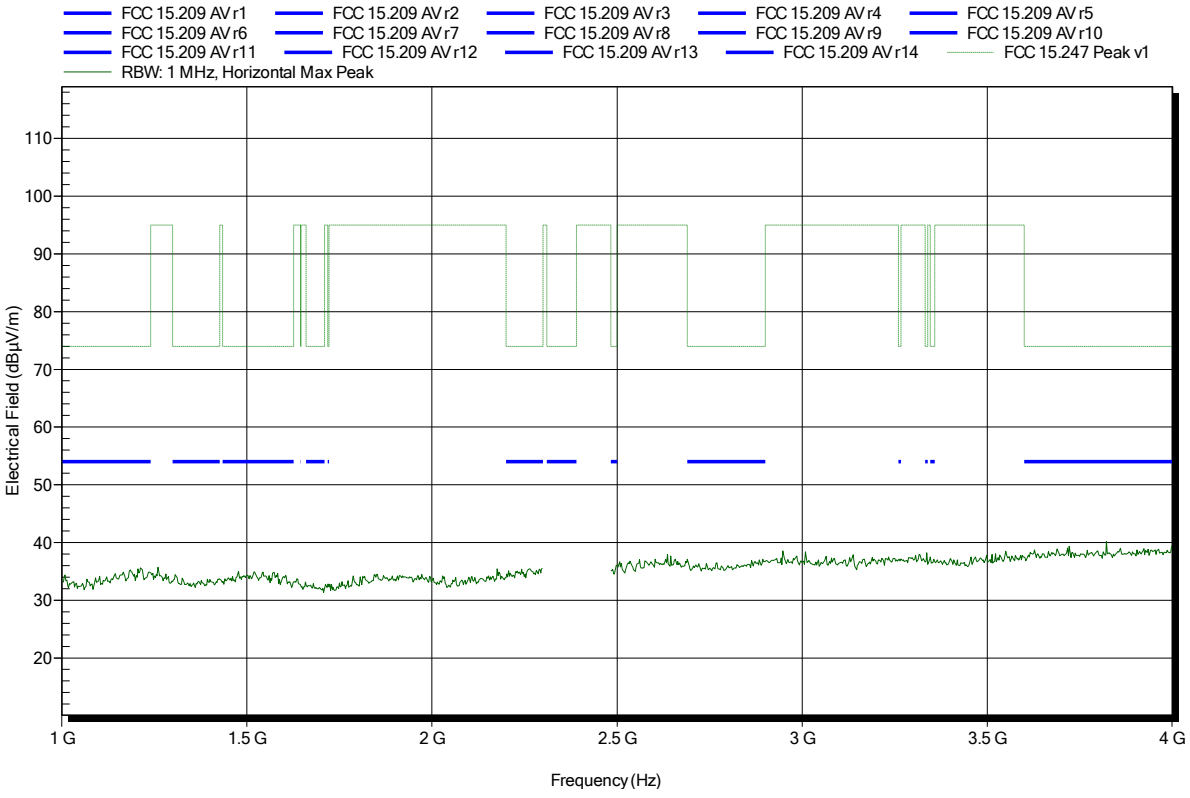

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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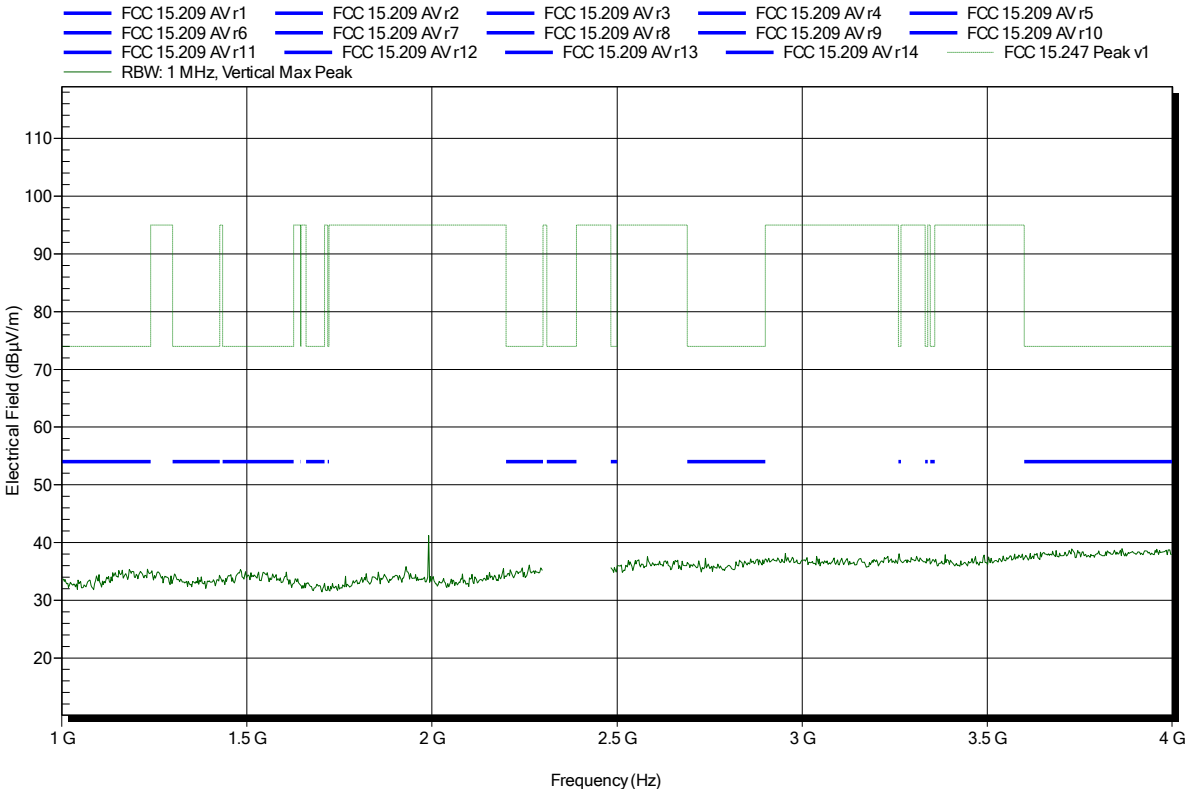

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	lower bandedge

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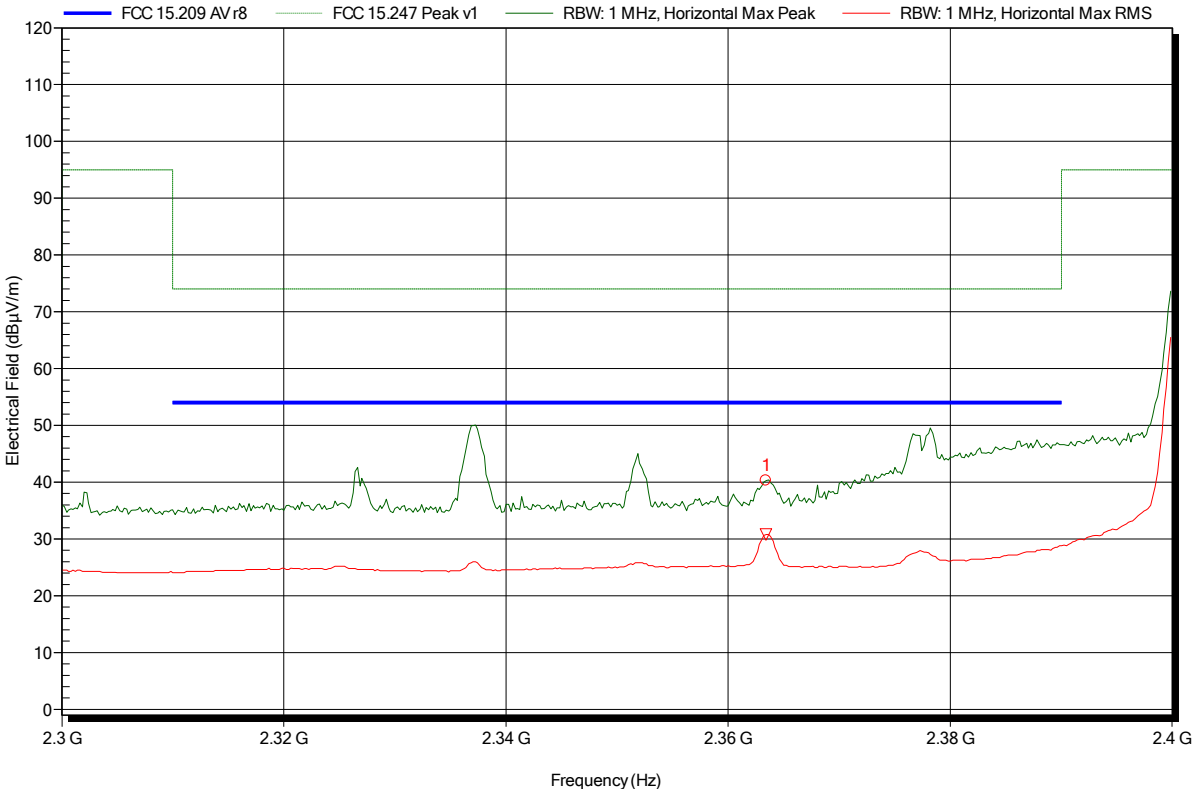

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.363 GHz	40.28 dBµV/m	74 dBµV/m	-33.72 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.363 GHz	30.81 dBµV/m	54 dBµV/m	-23.19 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	lower bandedge

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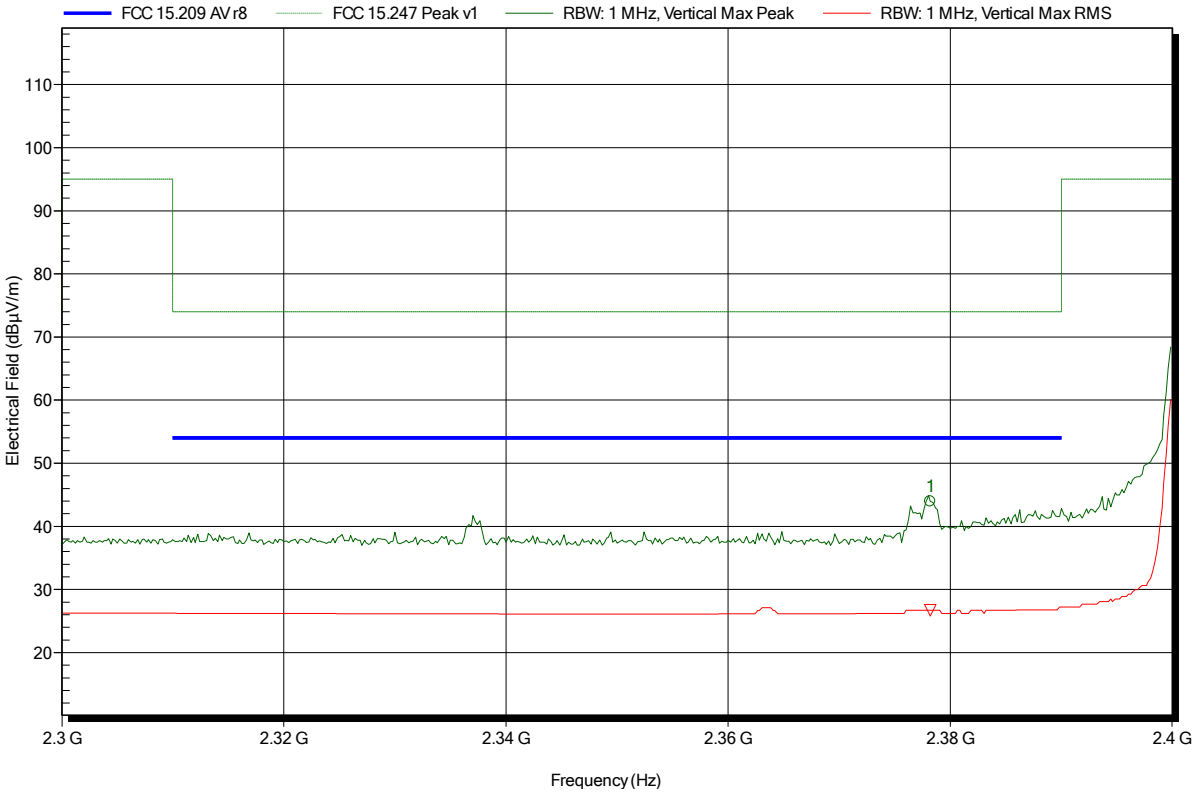

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.378 GHz	43.94 dBµV/m	74 dBµV/m	-30.06 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.378 GHz	26.7 dBµV/m	54 dBµV/m	-27.3 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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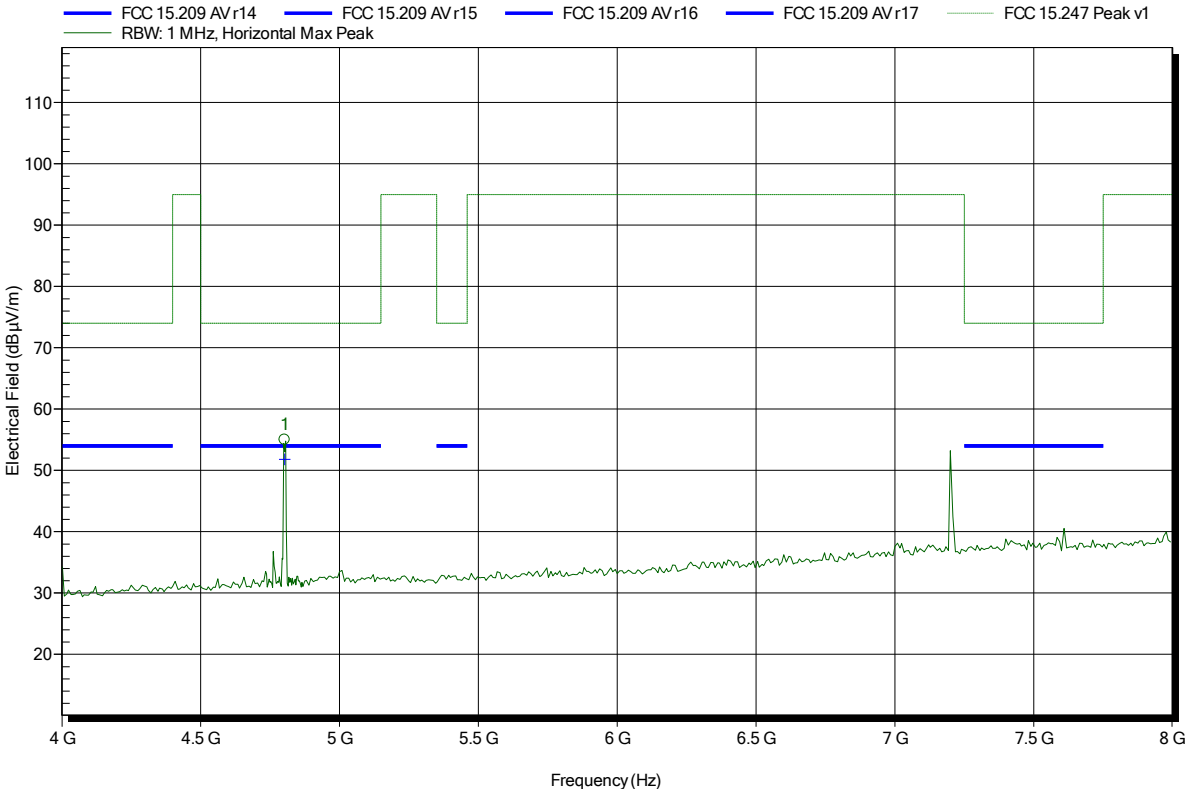

Frequency	Peak	Peak Limit	Peak Difference	Status
4.804 GHz	55.01 dBµV/m	74 dBµV/m	-18.99 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
4.804 GHz	51.79 dBµV/m	54 dBµV/m	-2.21 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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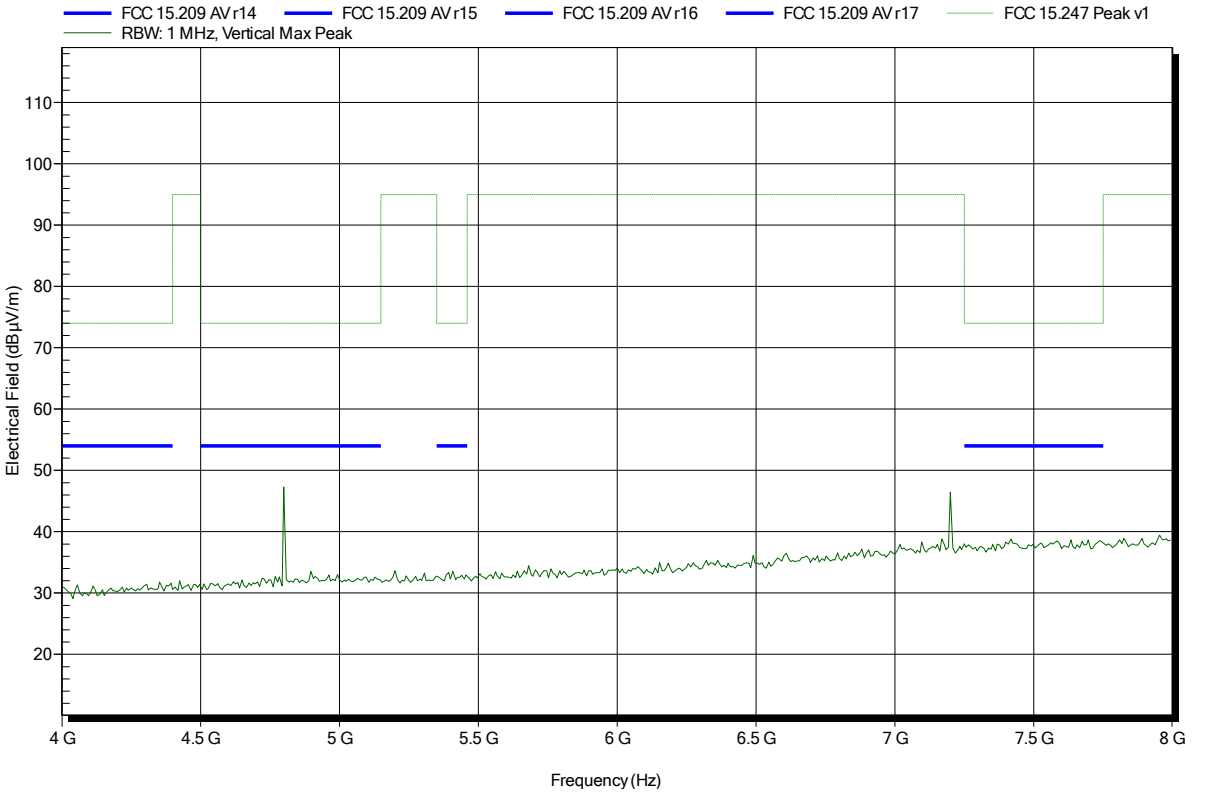
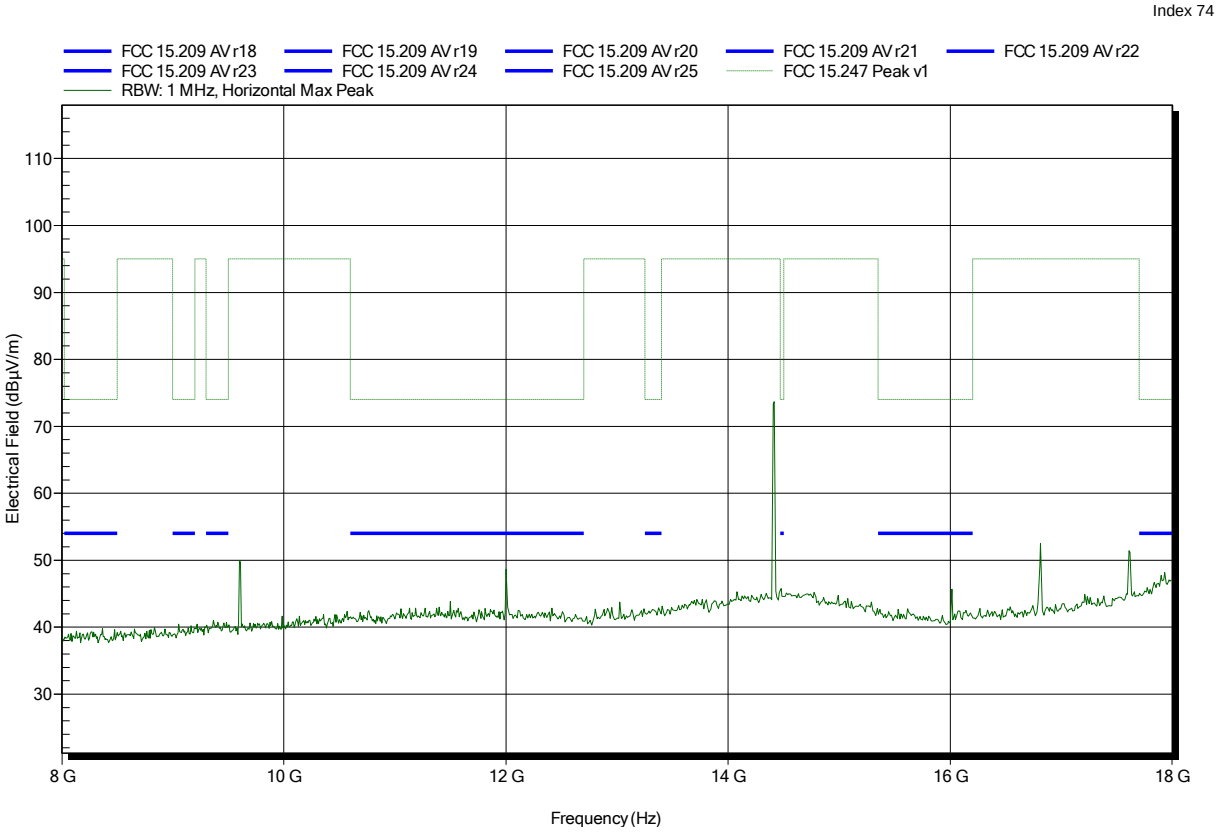


Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

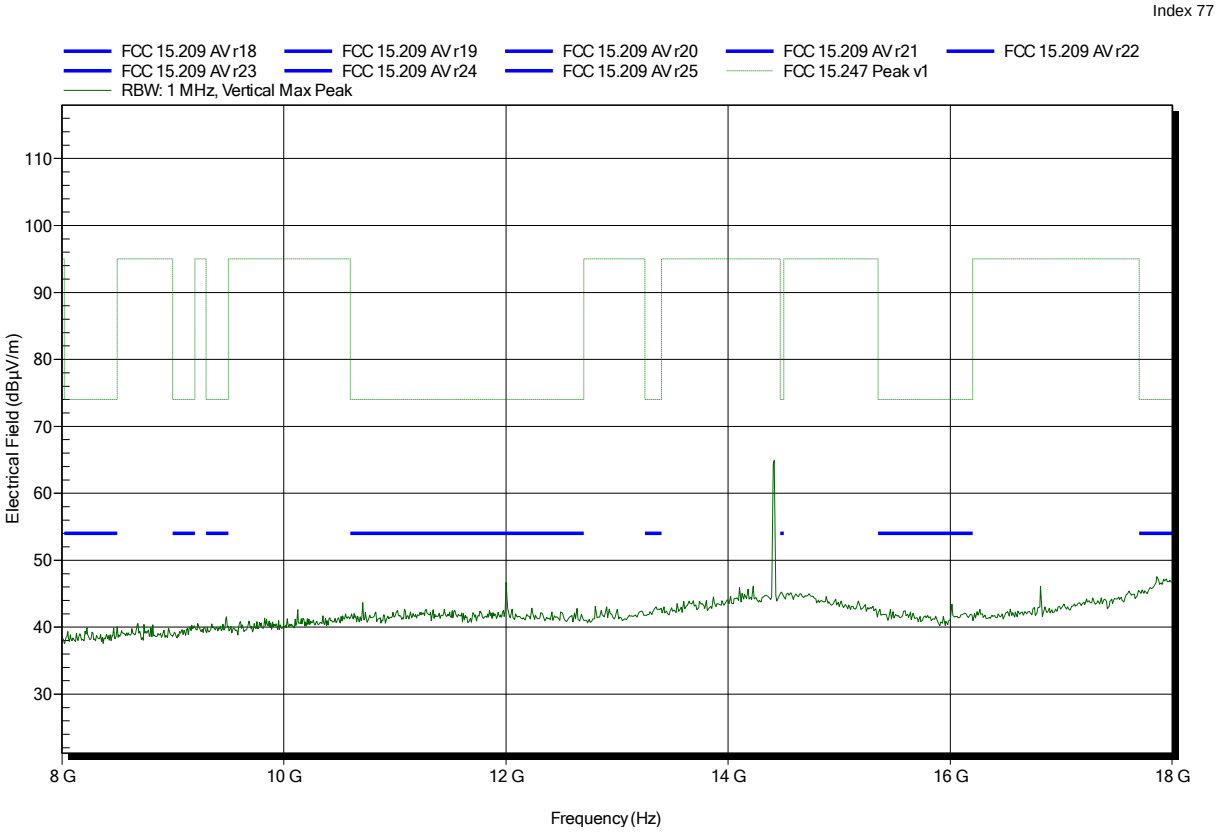
Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	



Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	



Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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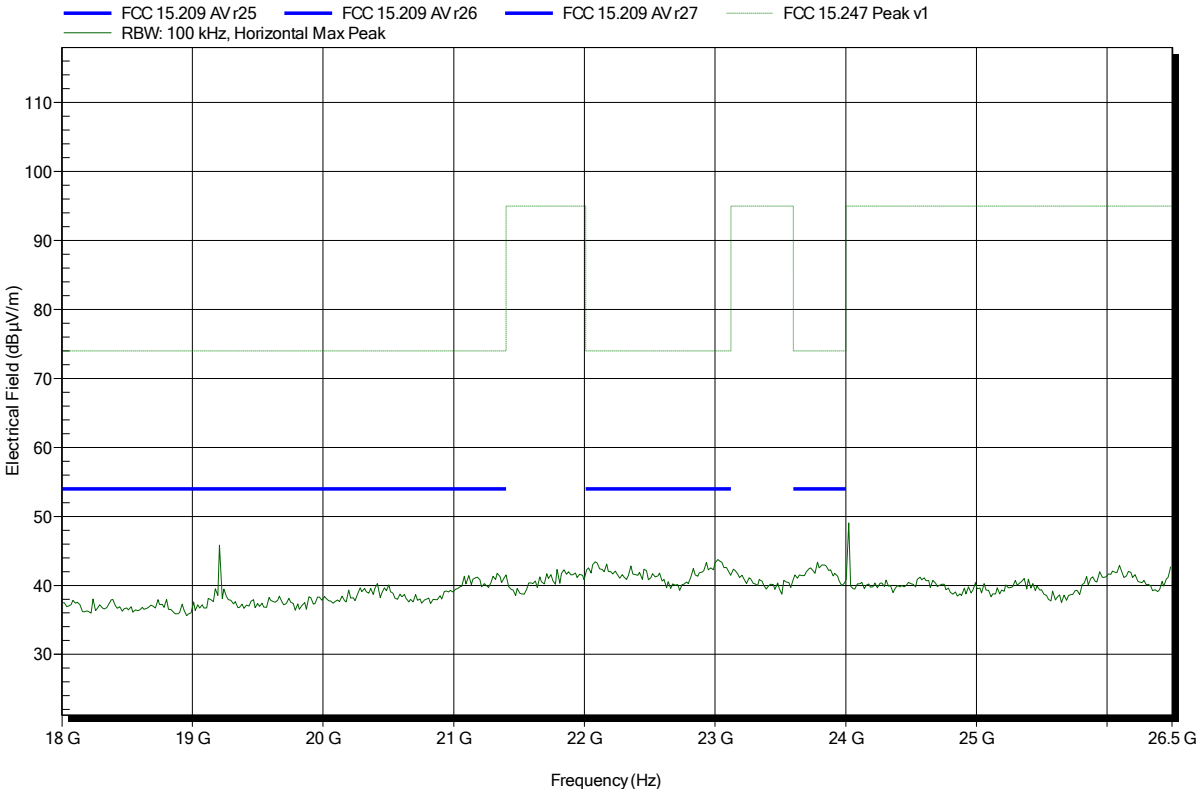

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2402 MHz
Test Date:	2015-02-04
Note:	

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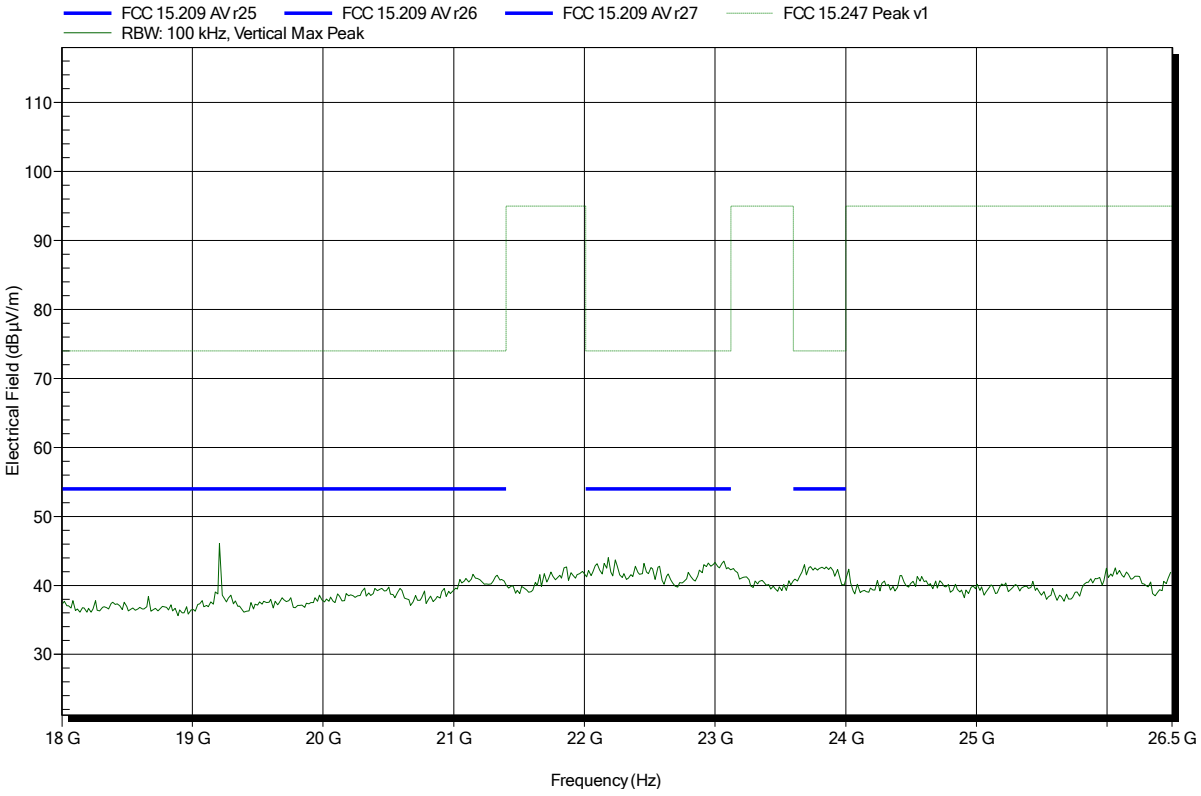

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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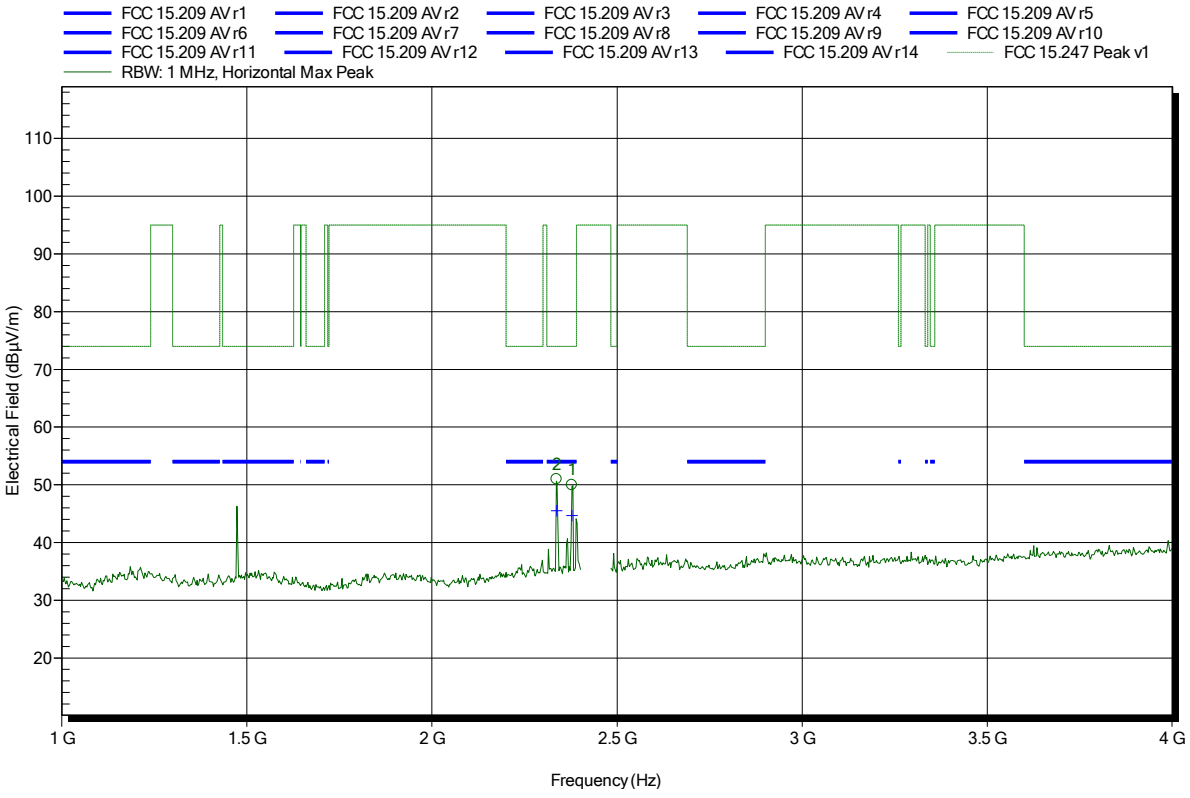

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.3373 GHz	50.95 dBµV/m	74 dBµV/m	-23.05 dB	Pass
2.3784 GHz	49.96 dBµV/m	74 dBµV/m	-24.04 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
2.3373 GHz	45.52 dBµV/m	54 dBµV/m	-8.48 dB	Pass
2.3784 GHz	44.65 dBµV/m	54 dBµV/m	-9.35 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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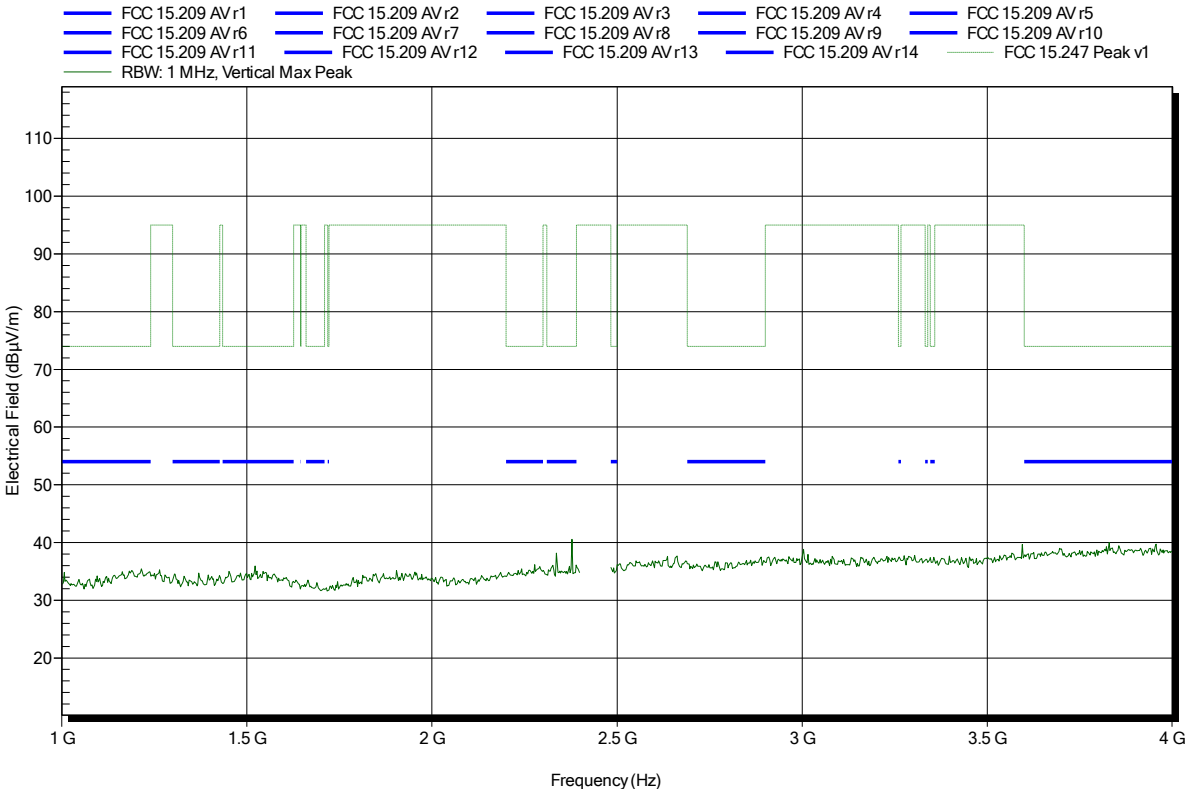

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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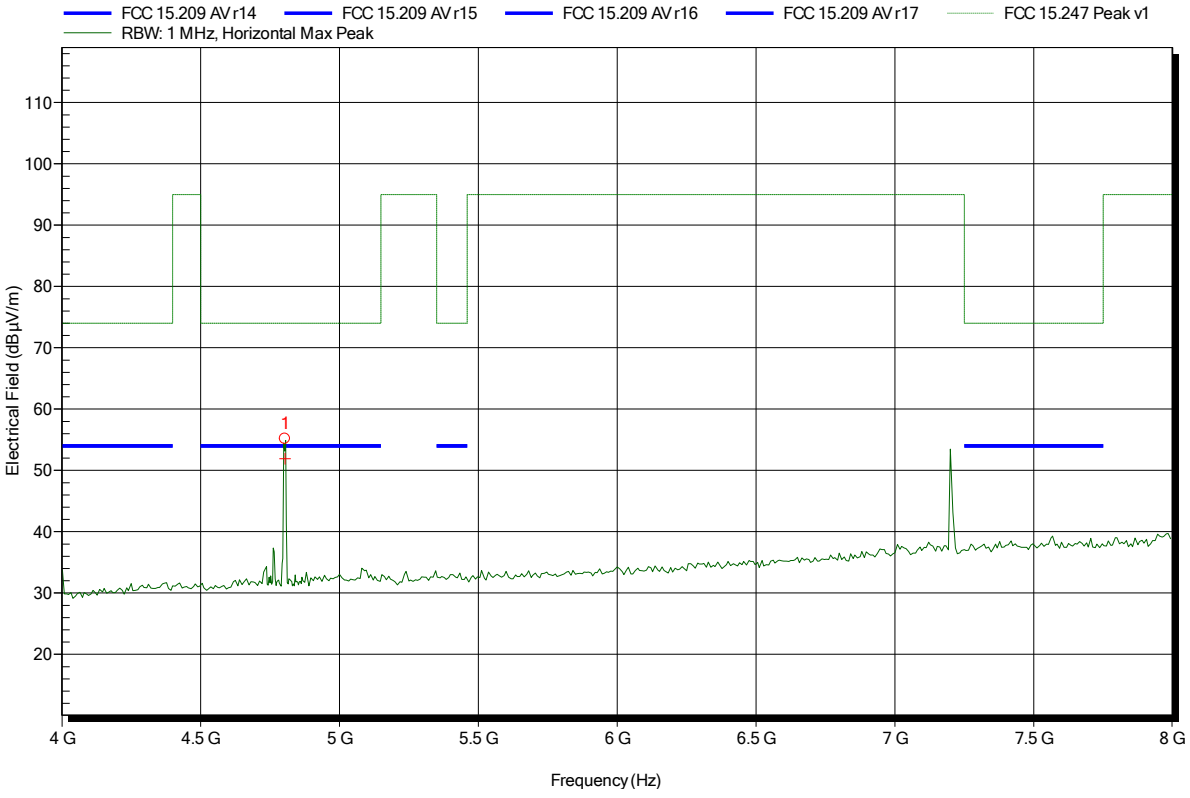


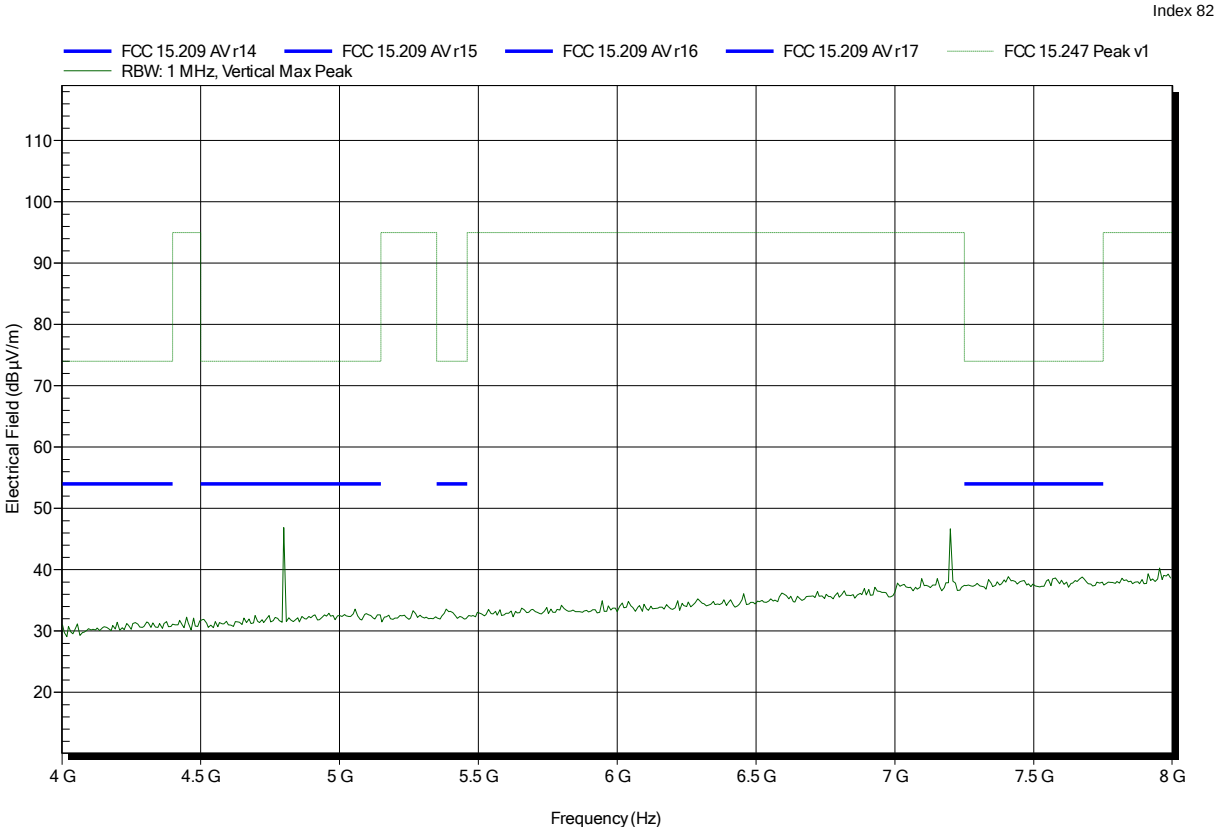
Frequency	Peak	Peak Limit	Peak Difference	Status
4.804 GHz	55.15 dBµV/m	74 dBµV/m	-18.85 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
4.804 GHz	51.93 dBµV/m	54 dBµV/m	-2.07 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

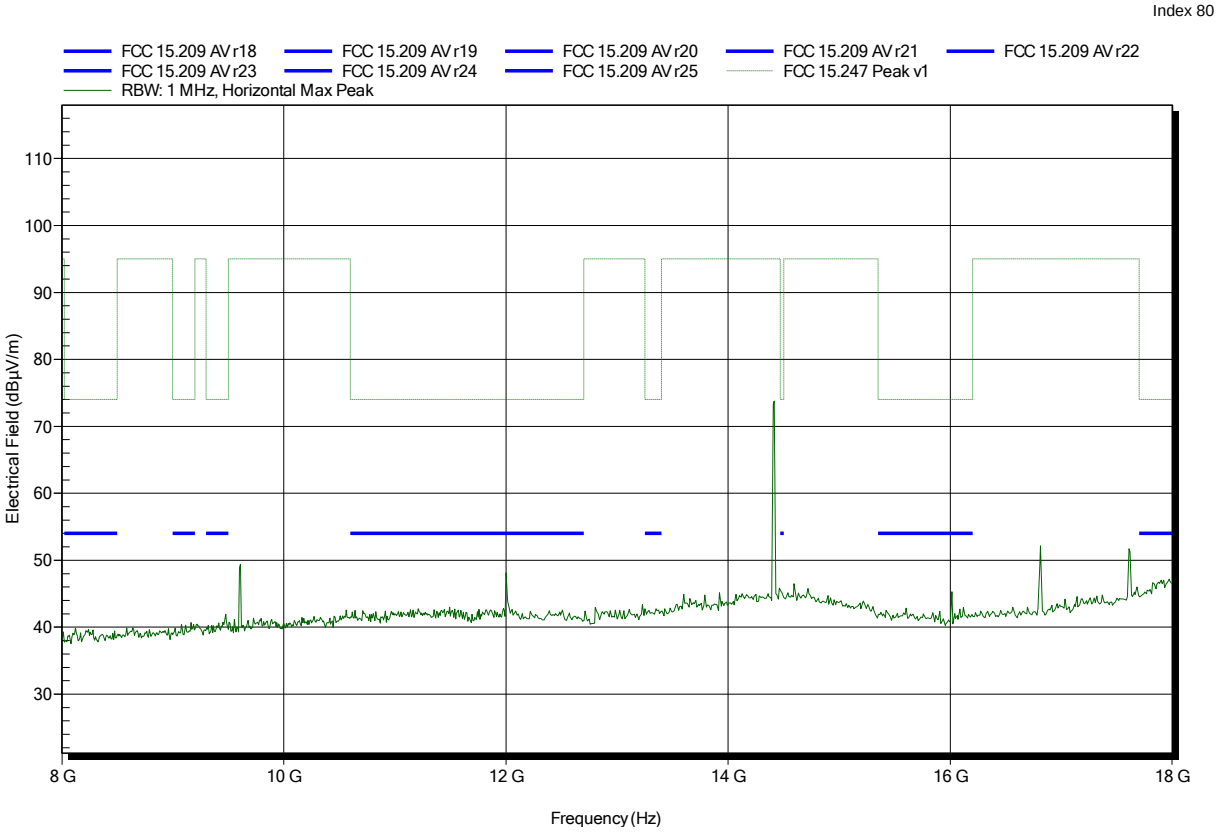
Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2441 MHz
Test Date:	2015-02-04
Note:	



Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2441 MHz
Test Date:	2015-02-04
Note:	



Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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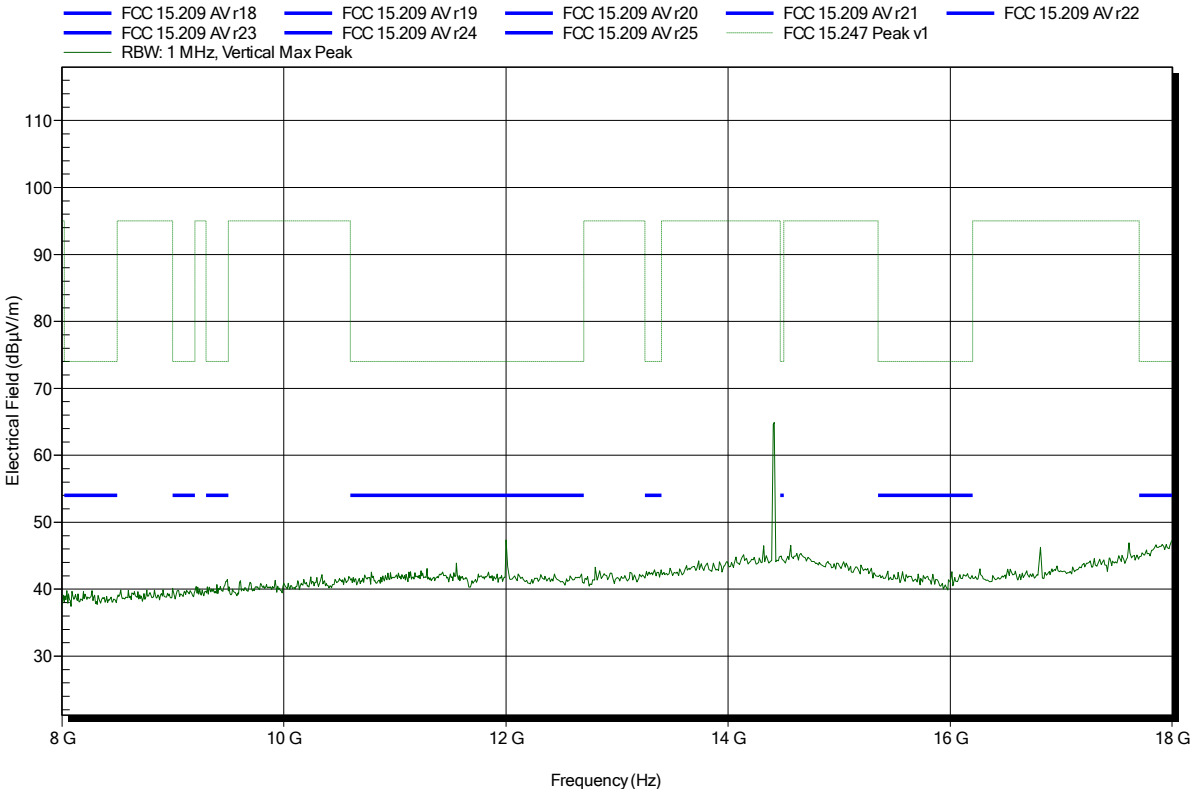

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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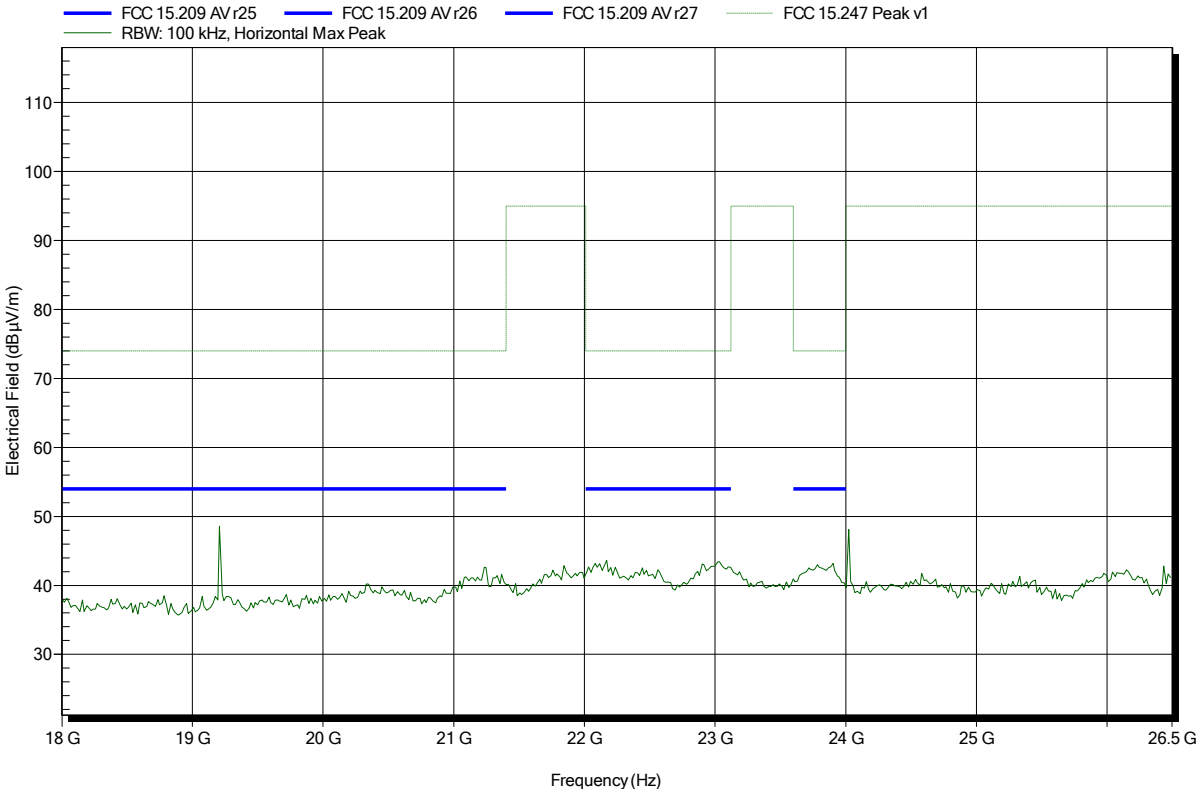

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2441 MHz
Test Date:	2015-02-04
Note:	

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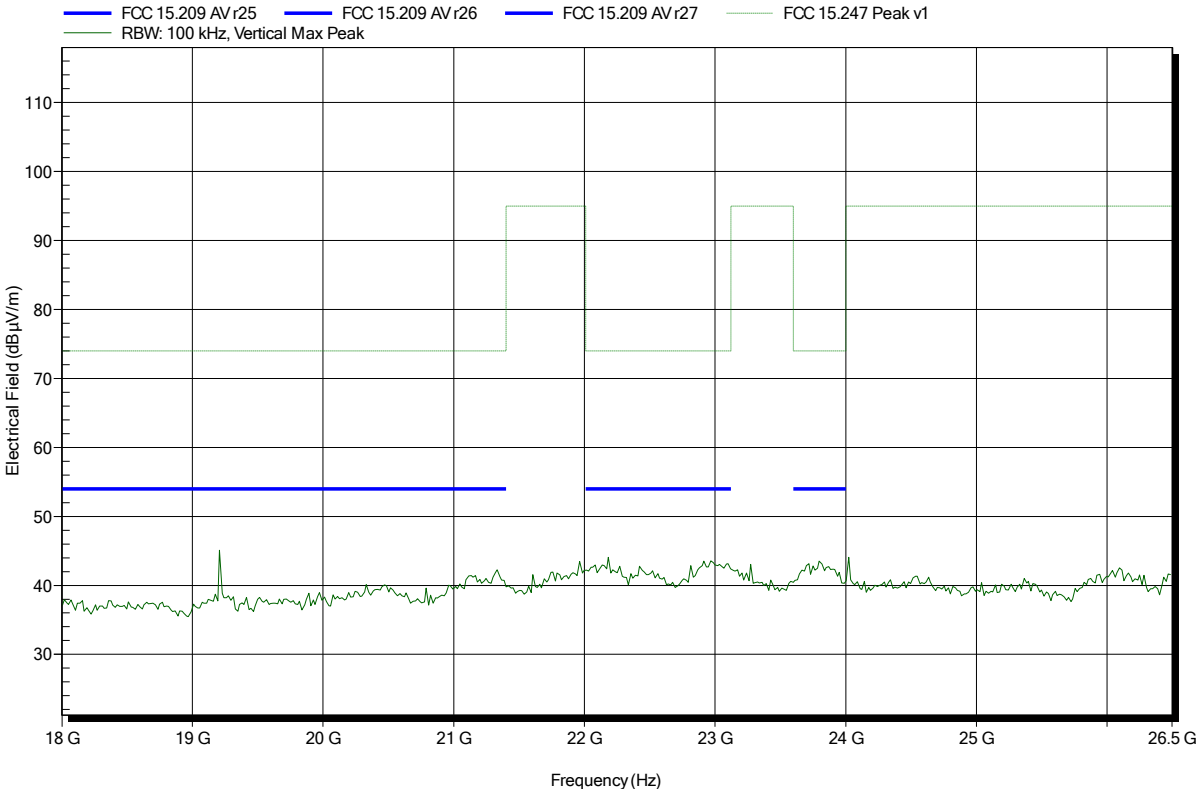

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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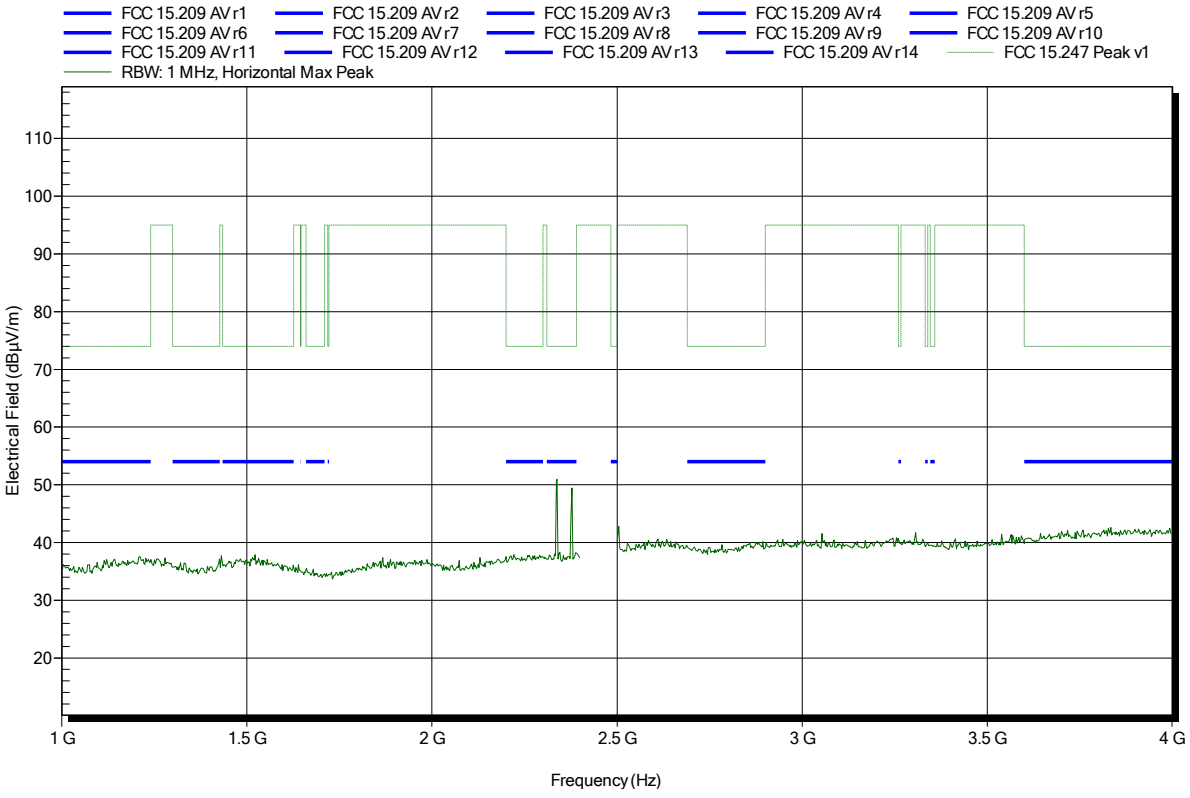
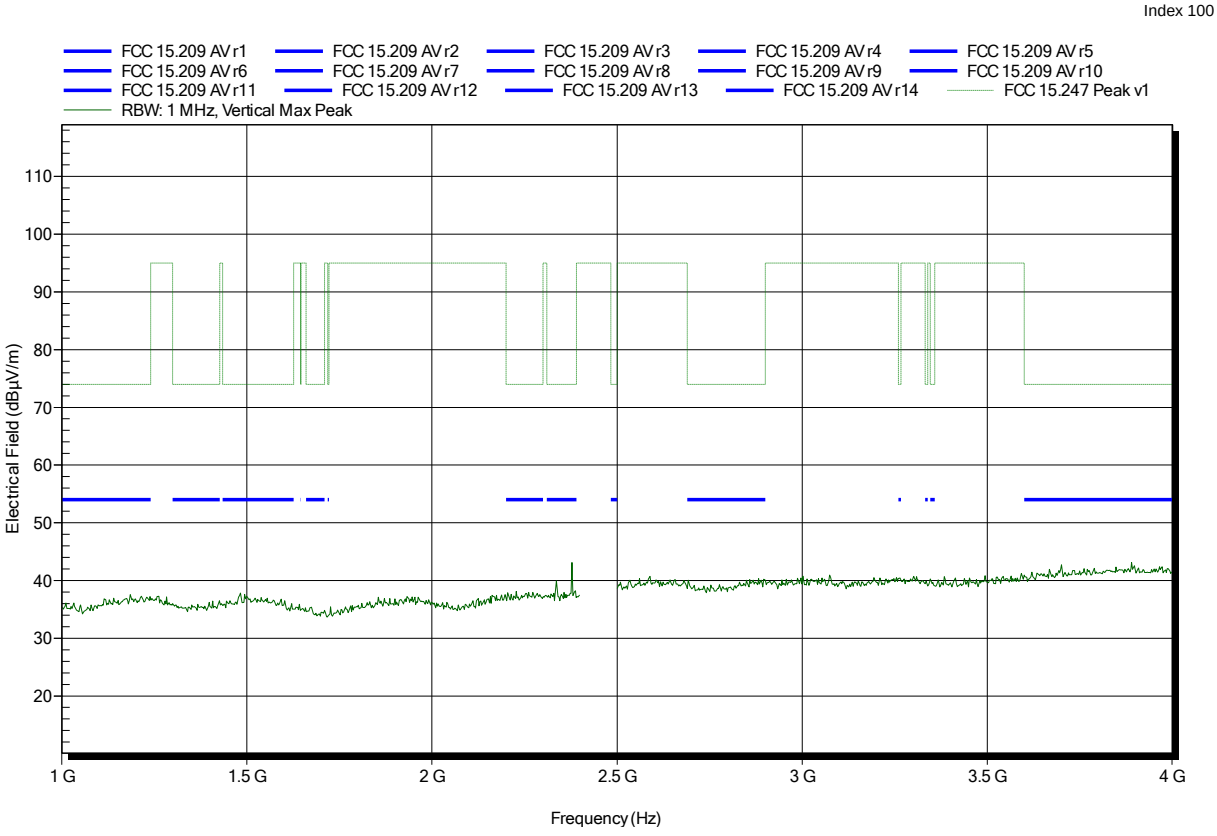


Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	



Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	upper bandedge

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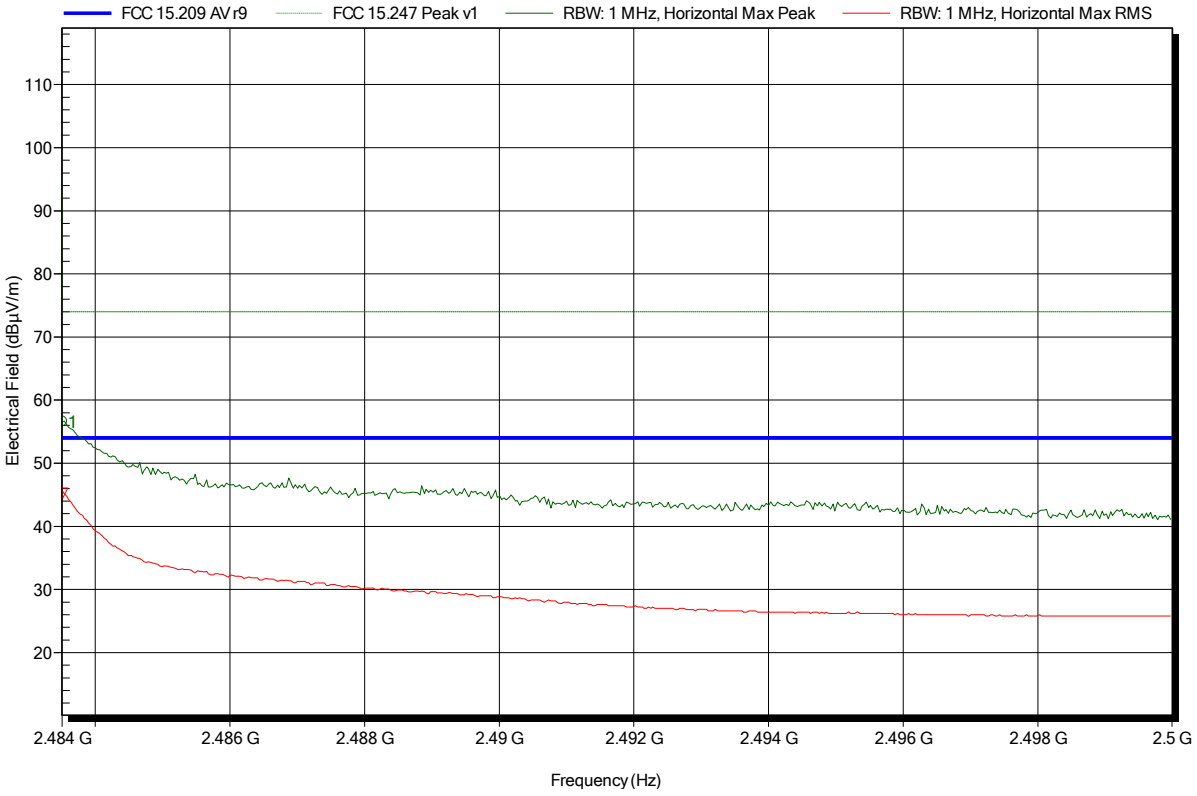

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4835 GHz	56.61 dBµV/m	74 dBµV/m	-17.39 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4835 GHz	45.19 dBµV/m	54 dBµV/m	-8.81 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	upper bandedge

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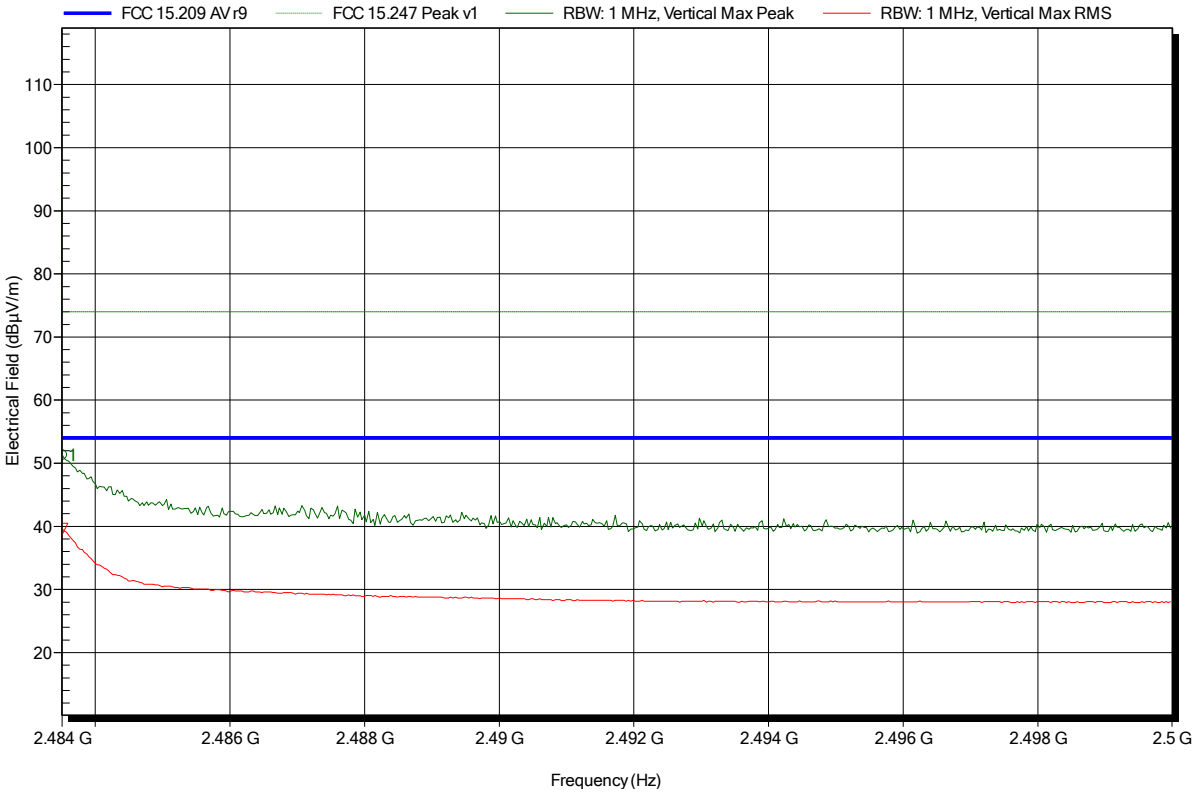

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4835 GHz	51.25 dBµV/m	74 dBµV/m	-22.75 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4835 GHz	39.59 dBµV/m	54 dBµV/m	-14.41 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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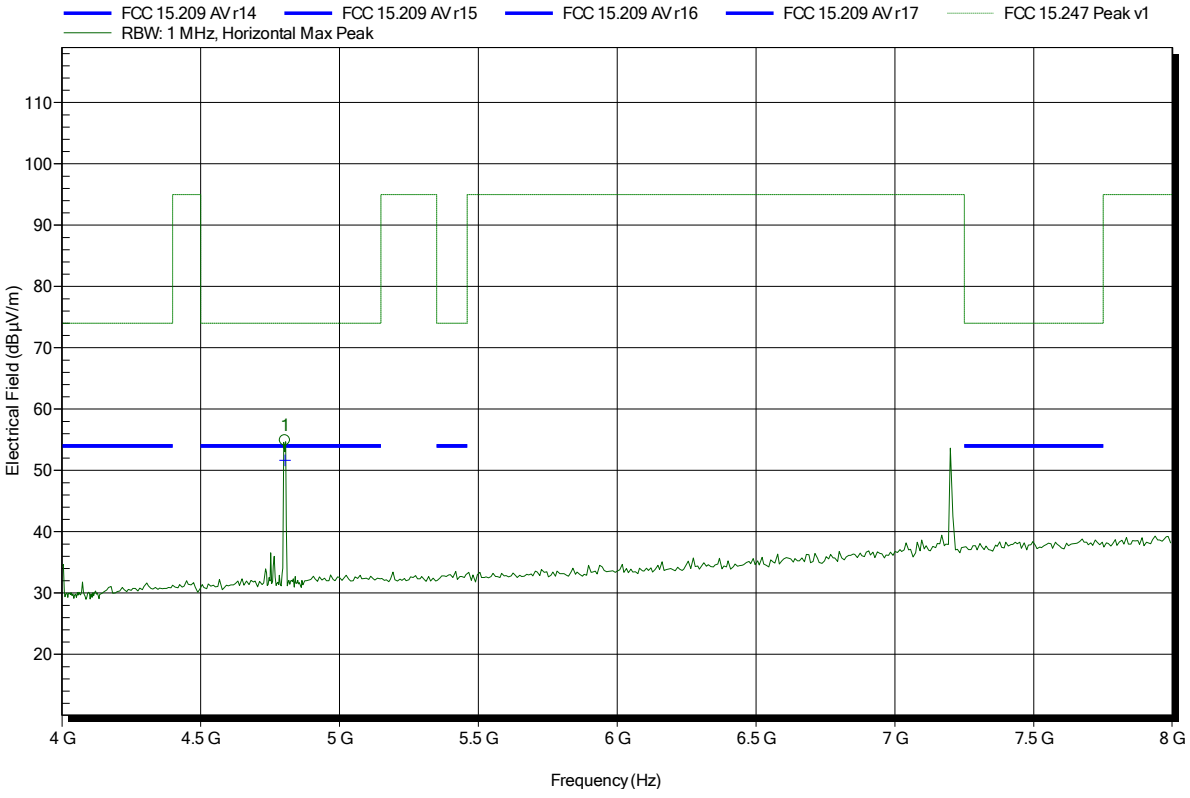

Frequency	Peak	Peak Limit	Peak Difference	Status
4.804 GHz	54.87 dBµV/m	74 dBµV/m	-19.13 dB	Pass

Frequency	Average	Average Limit	Average Difference	Average Status
4.804 GHz	51.62 dBµV/m	54 dBµV/m	-2.38 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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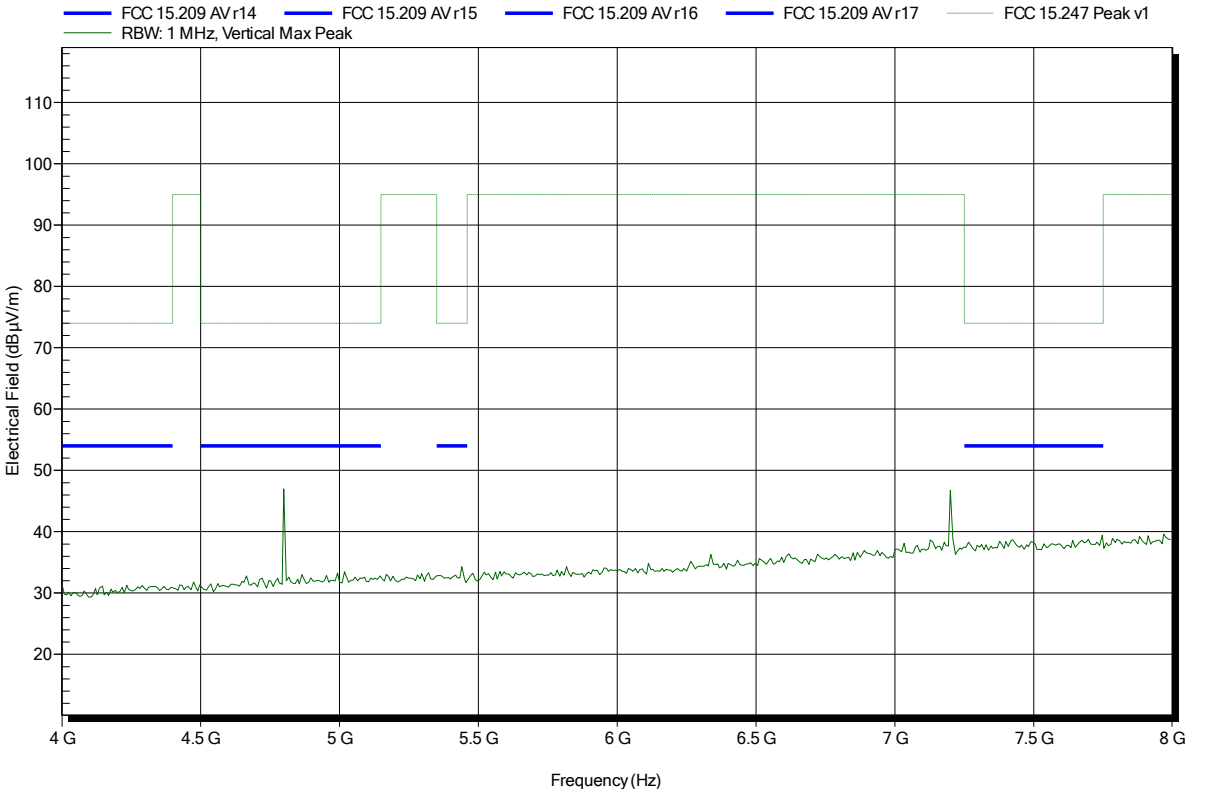

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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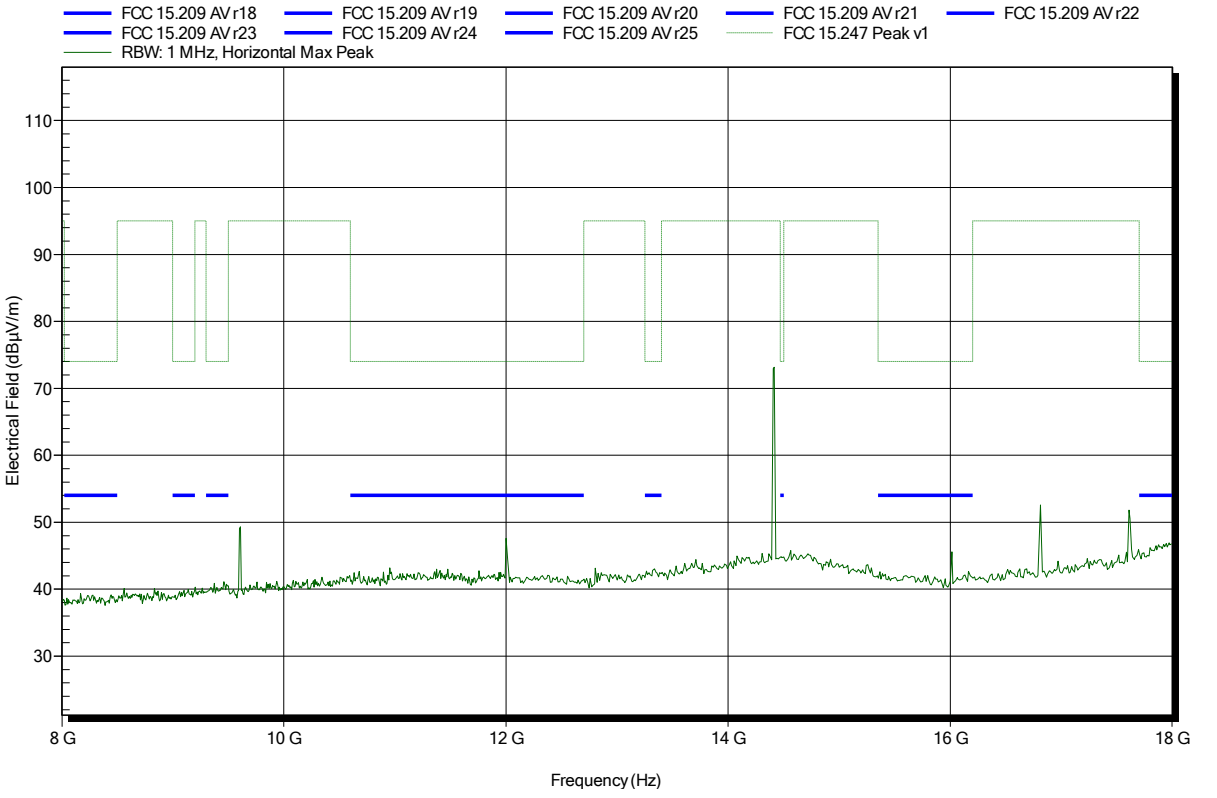

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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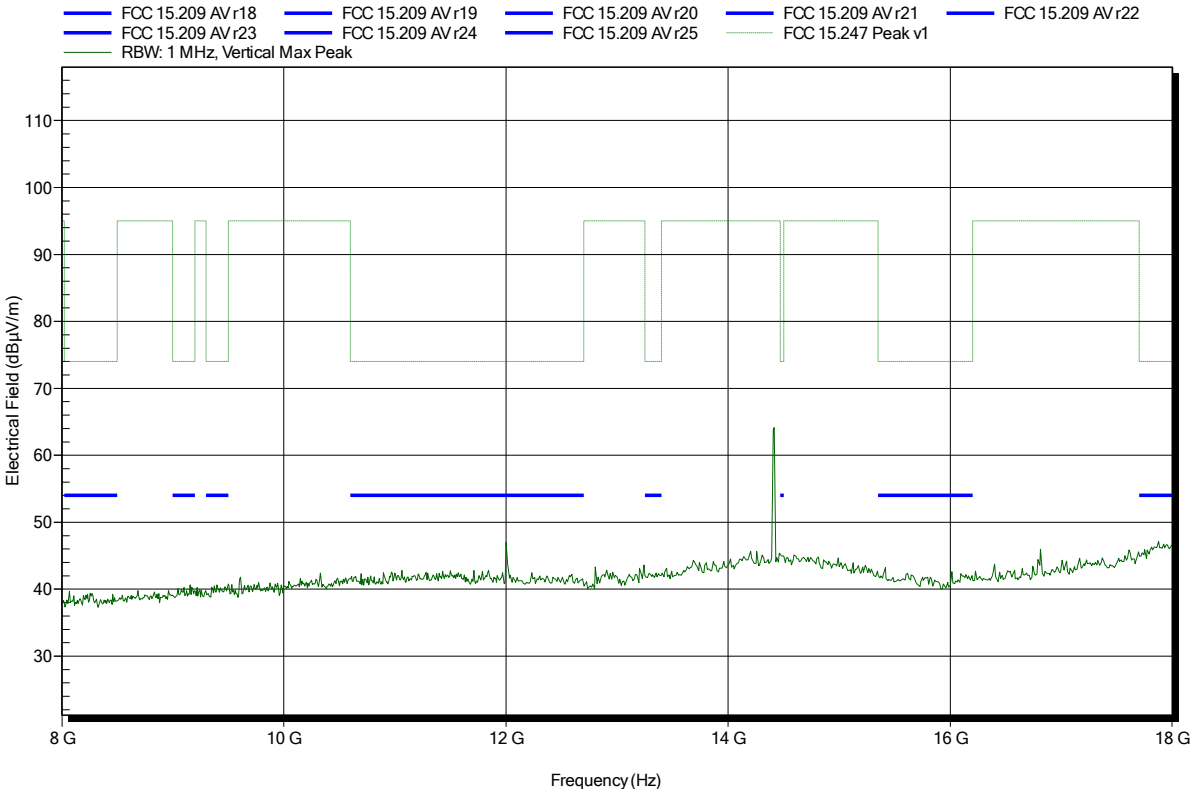

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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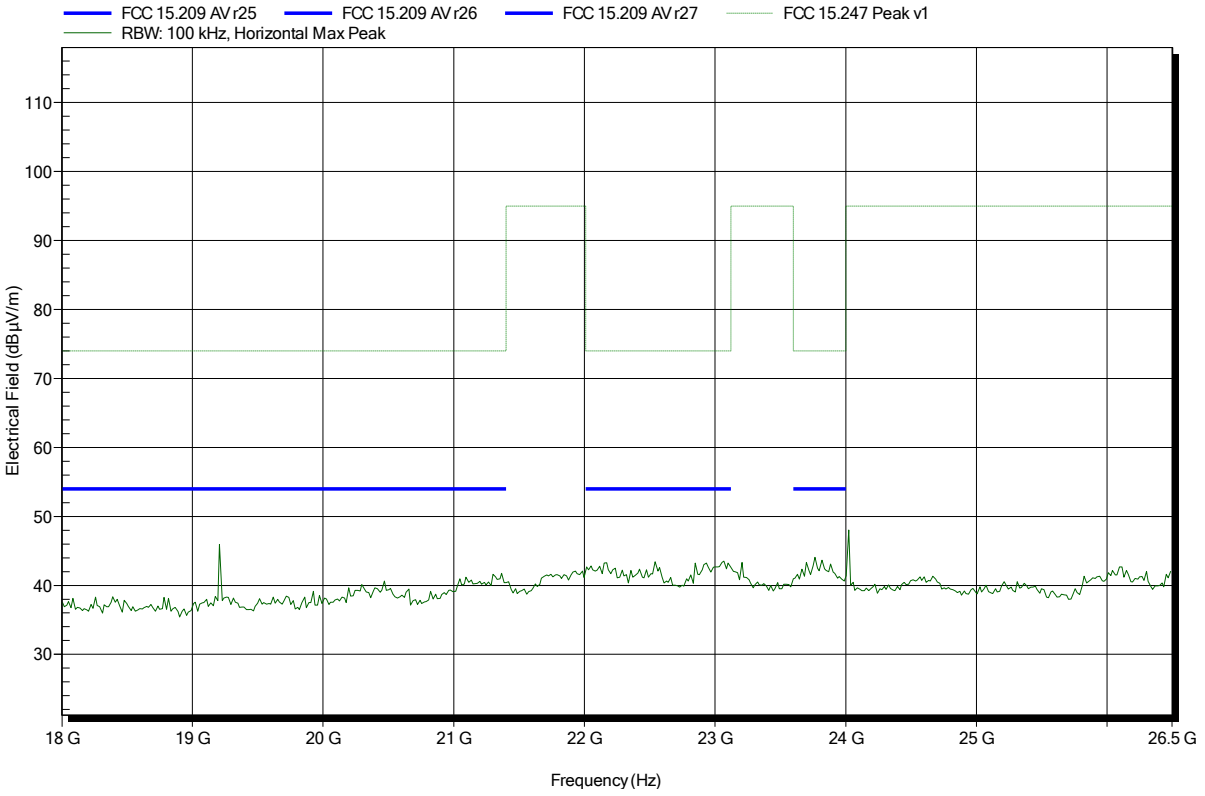

Spurious emissions according to FCC 15.247

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 025, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT EDR, 3DH5, 2480 MHz
Test Date:	2015-02-04
Note:	

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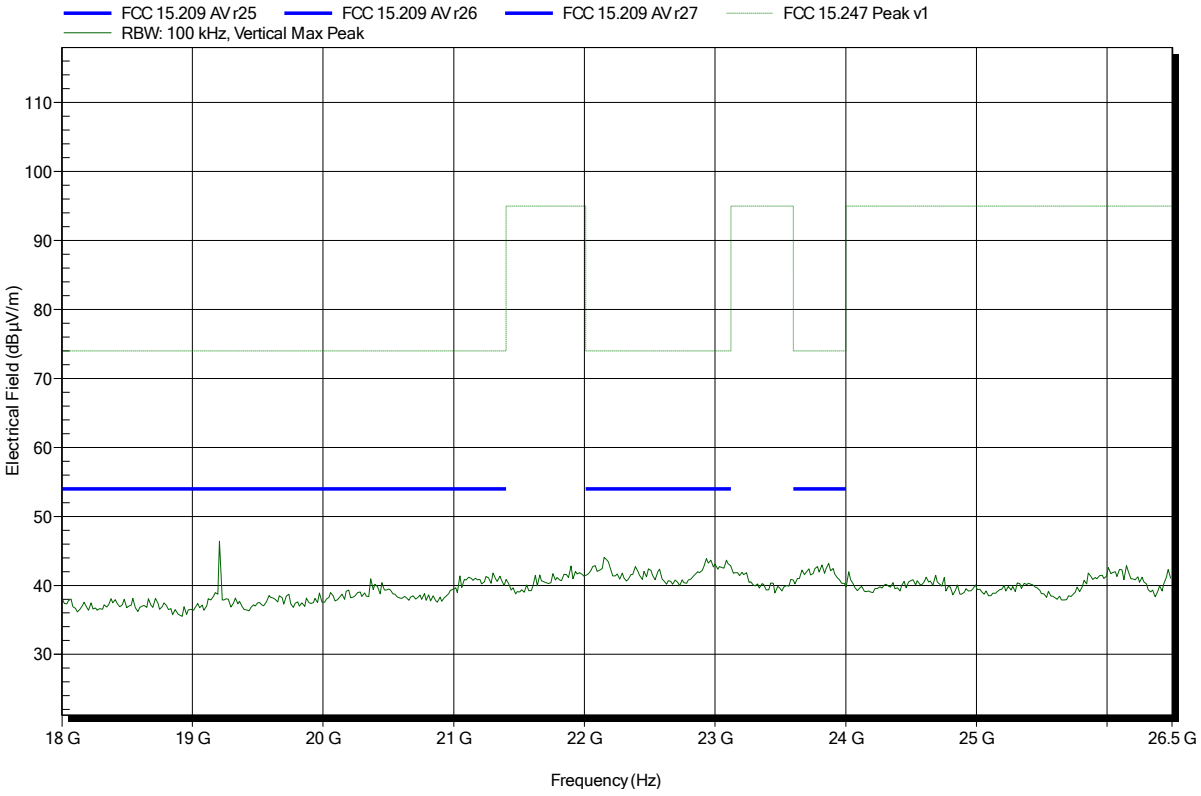

ANNEX B Receiver radiated spurious emissions

Spurious emissions according to RSS-GEN

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	RX; BT scan mode
Test Date:	2015-02-04
Note:	

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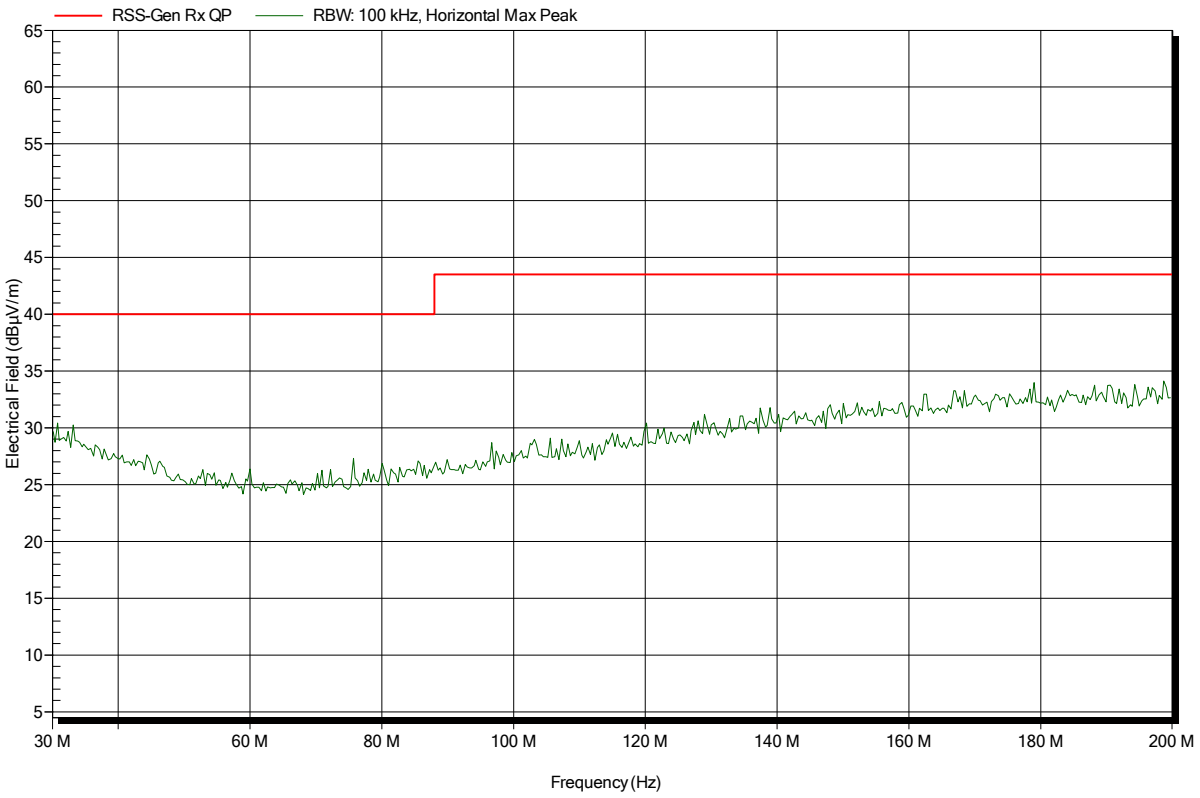

Spurious emissions according to RSS-GEN

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	RX; BT scan mode
Test Date:	2015-02-04
Note:	

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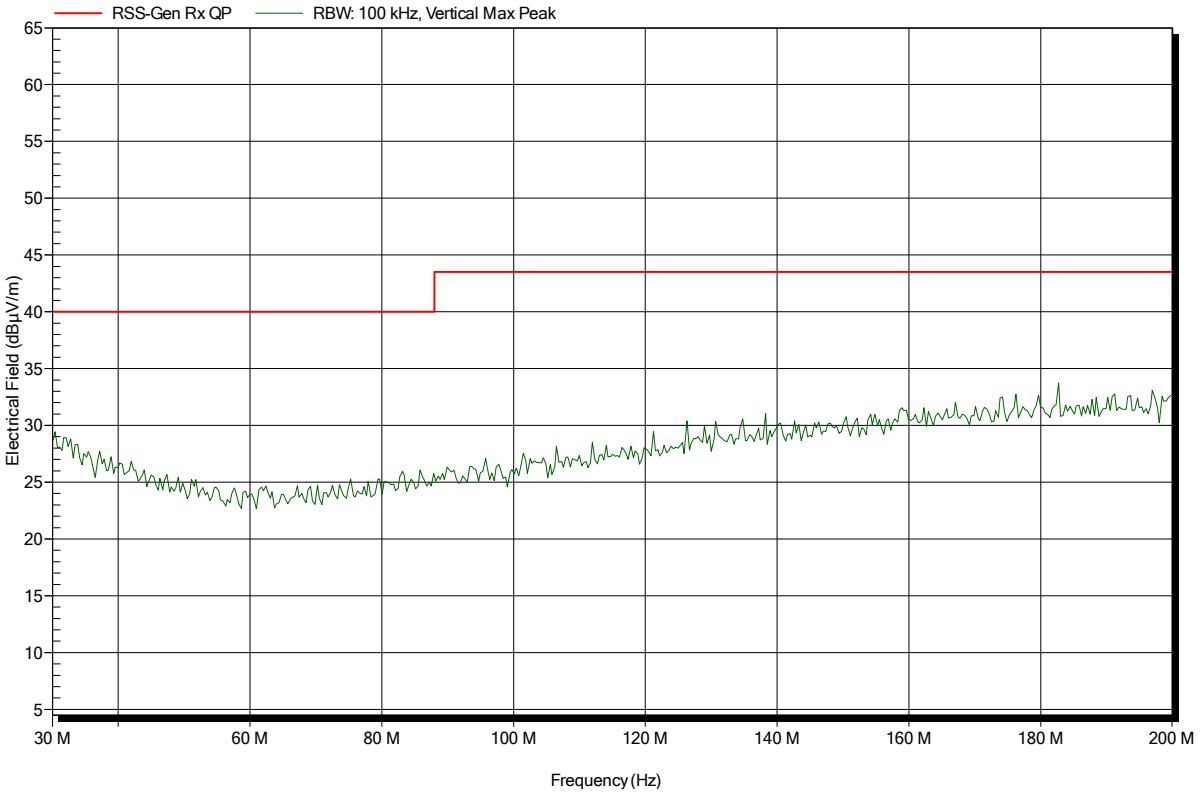

Spurious emissions according to RSS-GEN

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	RX; BT scan mode
Test Date:	2015-02-04
Note:	

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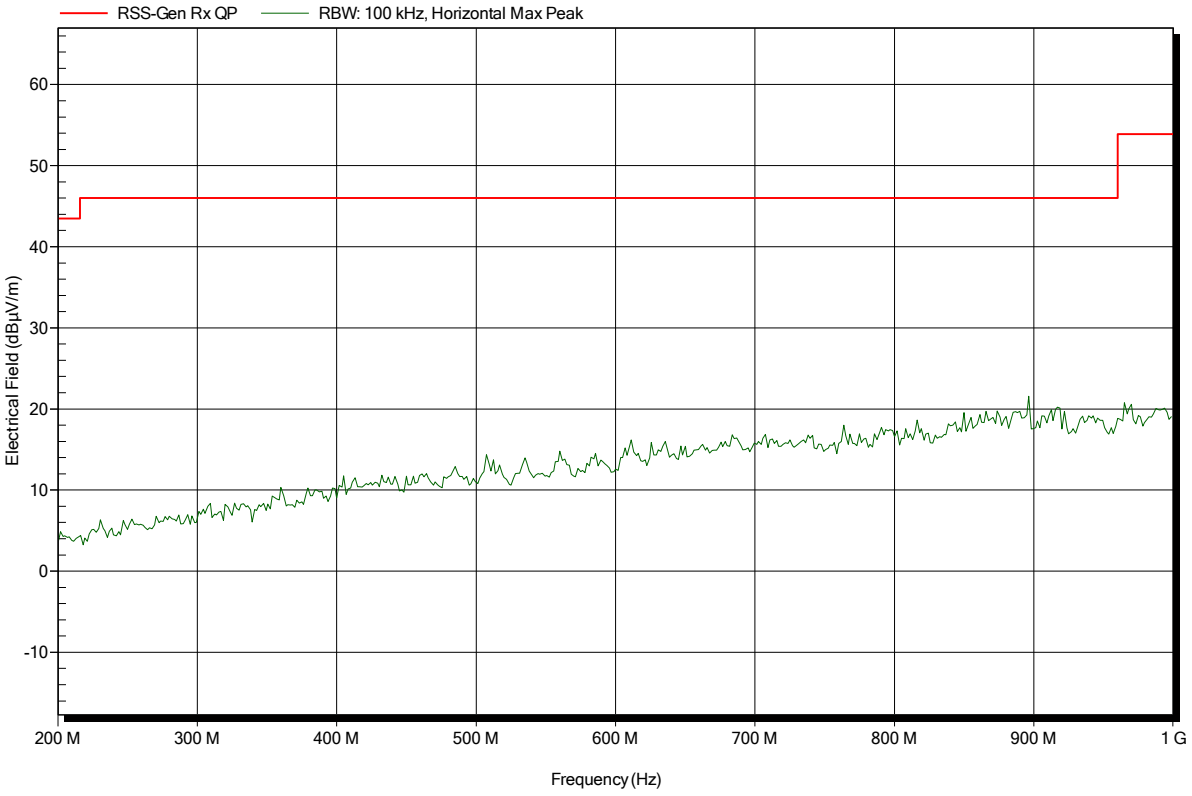

Spurious emissions according to RSS-GEN

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	RX; BT scan mode
Test Date:	2015-02-04
Note:	

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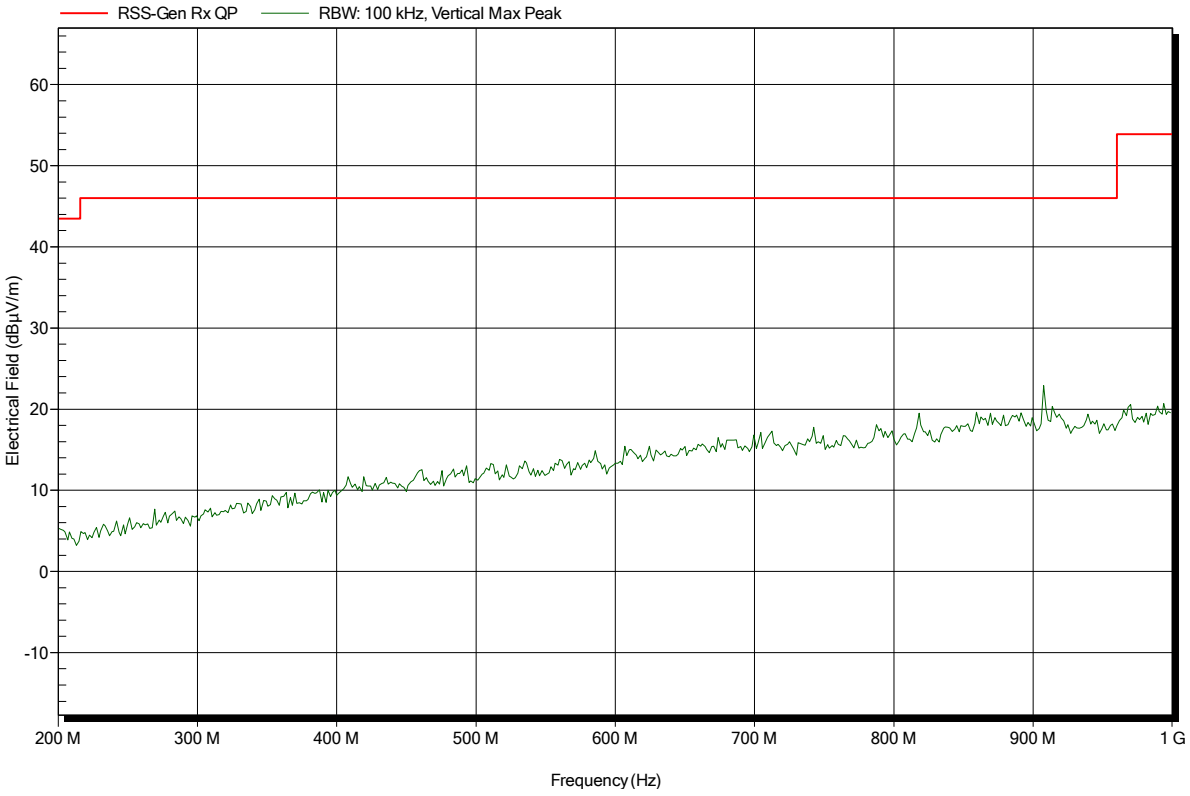

Spurious emissions according to RSS-GEN

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT scan mode
Test Date:	2015-02-04
Note:	

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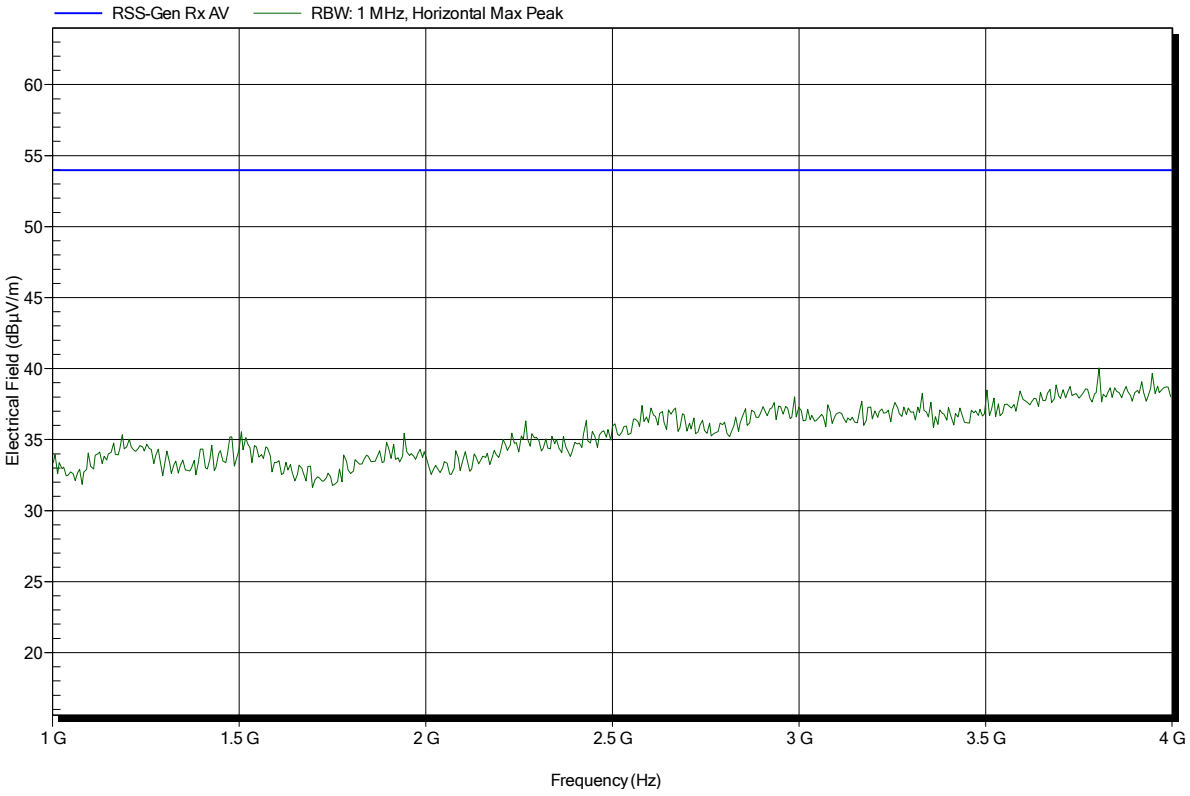

Spurious emissions according to RSS-GEN

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT scan mode
Test Date:	2015-02-04
Note:	

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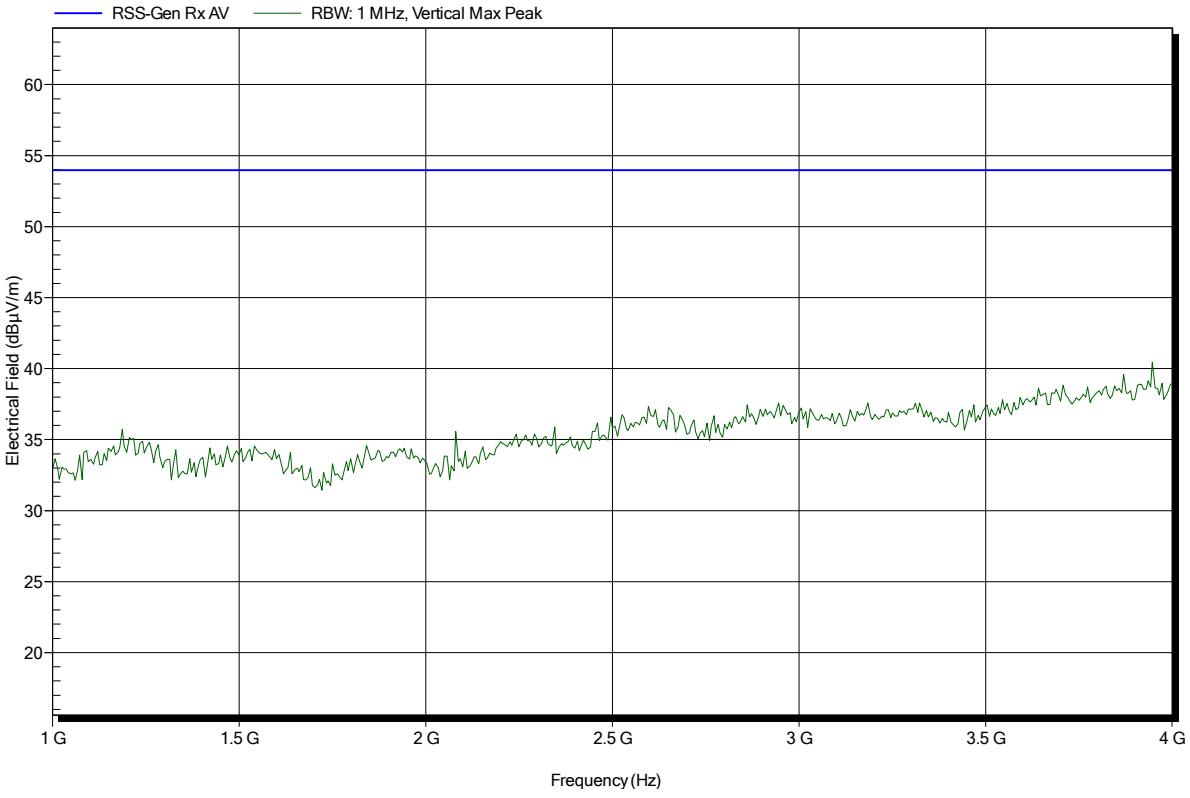

Spurious emissions according to RSS-GEN

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT scan mode
Test Date:	2015-02-04
Note:	

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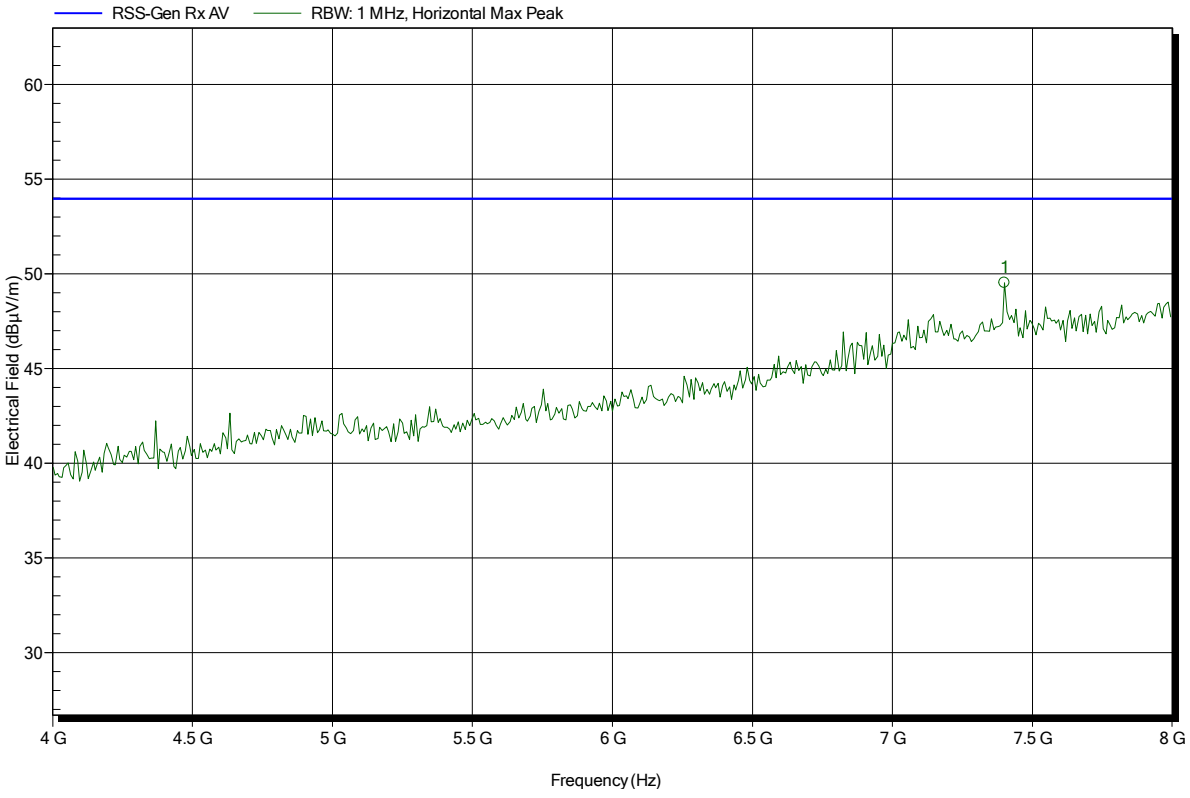

Frequency	Peak	Peak Limit	Peak Difference	Status
7.4 GHz	49.53 dBµV/m	53.98 dBµV/m	-4.45 dB	Pass

Spurious emissions according to RSS-GEN

Project number: G0M-1411-4306

Applicant:	Spectralink Europe Aps
EUT Name:	DECT handset 7532
Model:	K022a
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.7 VDC lithium battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT scan mode
Test Date:	2015-02-04
Note:	

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