eurofins | Product Service

FCC TEST REPORT

FCC 47 CFR Part 15C
Industry Canada RSS-210

Intentional radiator operating within the 902 – 928 MHz band

Report Reference No.....:	G0M-1401-3559-TFC249DT-V03
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.....:	ELDAT GmbH
Address.....:	Im Gewerbepark 14 15711 Königs Wusterhausen GERMANY
Test specification:	
Standard.....:	47 CFR Part 15C RSS-210, Issue 8 Amendment 1, 2015-02 RSS-Gen, Issue 4, 2014-11 ANSI C63.4:2009 ANSI C63.10:2009
Equipment under test (EUT):	
Product description	Funksender
Model No.	RT9011
Additional Model(s)	None
Brand Name(s)	None
Hardware version	105725 V01
Firmware / Software version	Prüf-Software
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 – 27 °C

Test Lab Humidity .....: 32 – 38 %

Date of receipt of test item .....: 2014-01-22

Date (s) of performance of tests .....: 2014-02-28

Compiled by ..... : Wilfried Treffke

Tested by (+ signature)..... : (Responsible for Test) Wilfried Treffke .....W. Treff.....

Approved by (+ signature) ..... : Christian Weber .....C. Weber.....

Date of issue ..... : 2015-04-27

Total number of pages ..... : 35

General remarks:

The test results presented in this report relate only to the object tested.
The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

Additional comments:

Version History

Version	Issue Date	Remarks	Revised by
01	2014-03-24	Initial Release	
02	2014-12-15	Replaced document: G0M-1401-3559-TFC249DT-V01 Replaced by: G0M-1401-3559-TFC249DT-V02 Changes : - Assigned frequency band corrected - Operating frequency range corrected - Test date corrected. - Test equipment corrected - 20 dB bandwidth added - Version of test software corrected	C. Weber
03	2015-04-27	Replaced document: G0M-1401-3559-TFC249DT-V02 Replaced by: G0M-1401-3559-TFC249DT-V03 Changes : - IC RSS Standards updated	C. Weber

REPORT INDEX

1 EQUIPMENT (TEST ITEM) DESCRIPTION 5

1.1 Photos – Equipment External 6
1.2 Photos – Equipment internal 8
1.3 Photos – Test setup 9
1.4 Supporting Equipment Used During Testing 10
1.5 Test Modes 11
1.6 Test Equipment Used During Testing 12
1.7 Sample emission level calculation 13

2 RESULT SUMMARY 14

3 TEST CONDITIONS AND RESULTS 15

3.1 Test Conditions and Results – Occupied Bandwidth 15
3.2 Test Conditions and Results – 20 dB Bandwidth 17
3.3 Test Conditions and Results – Fundamental field strength emissions 18
3.4 Test Conditions and Results – Emissions radiated outside the specified frequency band 20

ANNEX A Fundamental field strength emissions 22
ANNEX B Transmitter radiated spurious emissions 24

1 Equipment (Test item) Description

Description	Funksender	
Model	RT9011	
Additional Model(s)	None	
Brand Name(s)	None	
Serial number	None	
Hardware version	105725 V01	
Software / Firmware version	Prüf-Software	
Equipment type	End product	
Radio type	Transmitter only	
Radio technology	custom	
Operating frequency range	916.5 MHz	
Assigned frequency band	902 - 928 MHz	
Frequency range	F_{MID}	916.5 MHz
Spreading	None	
Modulations	FSK	
Number of channels	1	
Channel spacing	None	
Number of antennas	1	
Antenna	Type	integrated
	Model	PCB antenna
	Manufacturer	ELDAT
	Gain	unspecified
Manufacturer	ELDAT GmbH Im Gewerbepark 14 15711 Königs Wusterhausen GERMANY	
Power supply	V_{NOM}	3.0 VDC (battery)
	V_{MIN}	N/A
	V_{MIN}	N/A
AC/DC-Adaptor	Model	N/A
	Vendor	N/A
	Input	N/A
	Output	N/A

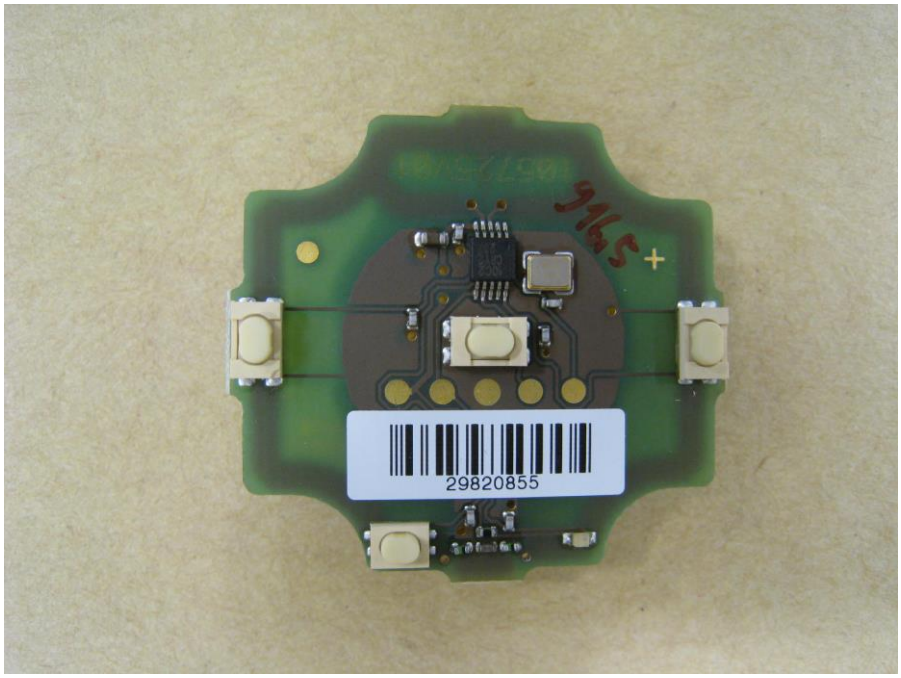
1.1 Photos – Equipment External

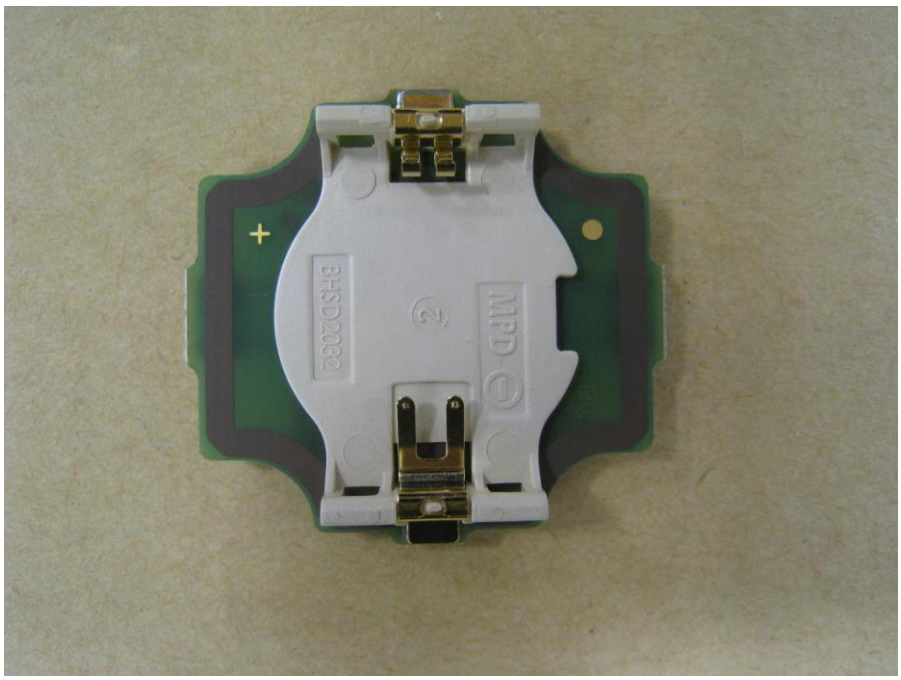
EUT TOP

EUT BOTTOM

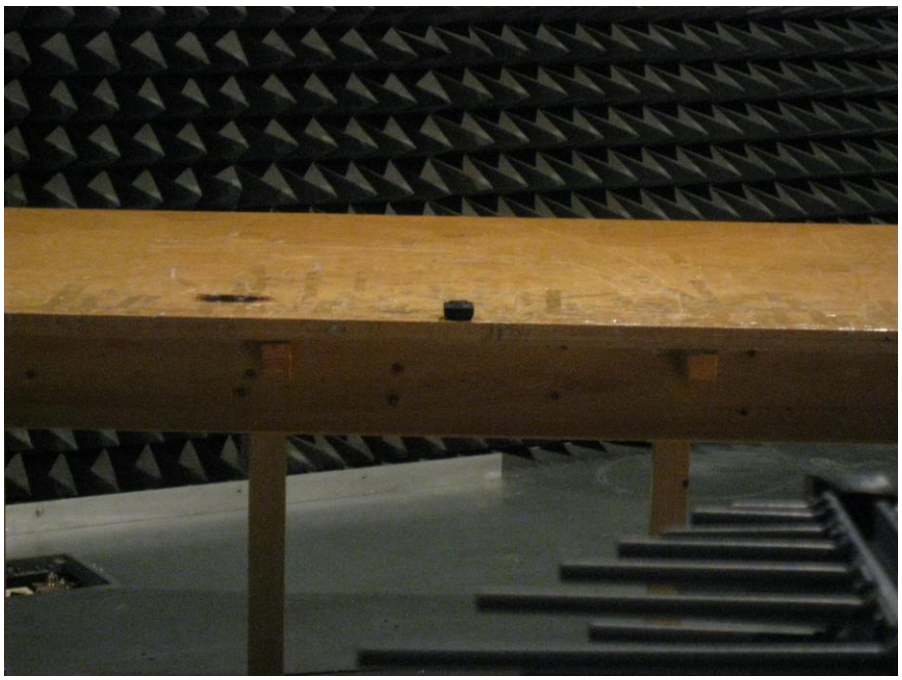
EUT OPEN

1.2 Photos – Equipment internal

PCB TOP


PCB BOTTOM


1.3 Photos – Test setup

TEST SETUP


1.4 Supporting Equipment Used During Testing

Product Type*	Device	Manufacturer	Model No.	Comments
None				

***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	
Single	General conditions:	EUT powered by fully battery
	Radio conditions:	Mode = standalone transmit Spreading = None Modulation = FSK Duty cycle = 100 % Cond. rated power level = 8.5 dBm (firmware setting)

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

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

Field strength emissions					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Semi-anechoic chamber	Frankonia	AC 1	EF00062	-	-
Spectrum Analyzer	R&S	FSIQ26	EF00242	2013-06	2014-06
Biconical Antenna	R&S	HK 116	EF00012	2013-02	2016-02
LPD Antenna	R&S	HL 223	EF00187	2011-02	2014-02
LPD Antenna	R&S	HL 025	EF00327	2013-02	2016-02

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:

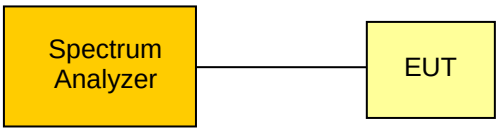
Reading	+	AF	=	Net Reading	:	Net reading - FCC limit = Margin
21.5 dBµV	+	26 dB	=	47.5 dBµV/m	:	47.5 dBµV/m - 57.0 dBµV/m = -9.5 dB

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 15.215(c)	20 dB Bandwidth	ANSI C63.10	N/R	Informational only
FCC 15.249(a),(c),(e) IC RSS-210 A2.9(a)	Fundamental field strength emissions	ANSI C63.4	PASS	
FCC 15.249(a),(c),(d),(e) IC RSS-210 A2.9(a),(b)	Emission radiated outside the specified frequency band	ANSI C63.4	PASS	
IC RSS-210 Section 2.3 IC RSS-Gen 7.1	Receiver radiated spurious emissions	ANSI C63.4	N/R	EUT without receiver
FCC § 15.207 IC RSS-Gen 8.8	AC power line conducted emissions	ANSI C63.4	N/R	EUT exclusively battery powered
Remarks:				

3 Test Conditions and Results

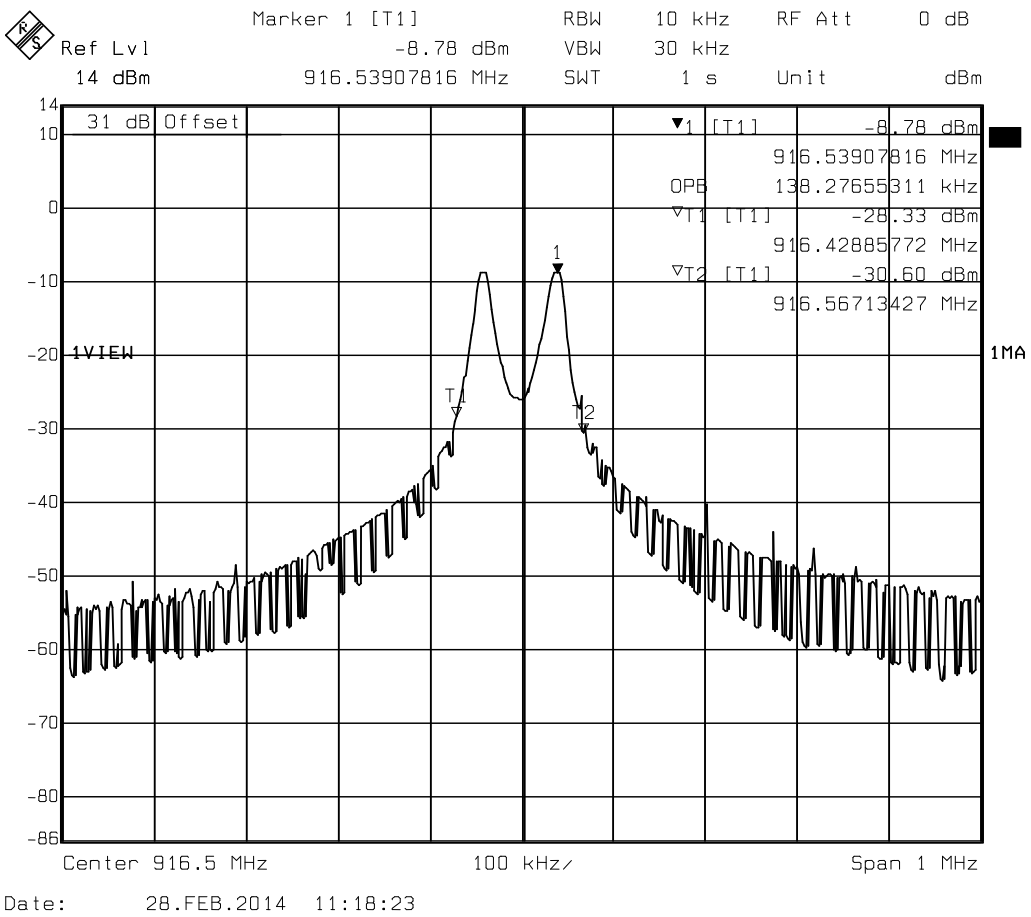
3.1 Test Conditions and Results – Occupied Bandwidth

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_{MID}	
EUT test mode	Single	
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]	Occupied Bandwidth [kHz]
F_{MID}	916.5	138.3
Comments: Measurement is applicable to all variants		

Occupied Bandwidth - F_{MID}

RSS Gen
Occupied Bandwidth

EUT	Funksender, Variante 916 MHz
Model	RT9011
Approval Holder	ELDAT GmbH
Temperature / Voltage	tnom
Test Site / Operator	Eurofins / Mr. Treffke
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	Channel.: 916.5 MHz
Comment 2	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 3	FSK



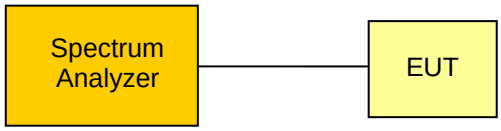
3.2 Test Conditions and Results – 20 dB Bandwidth

20 dB Bandwidth acc. to FCC 15.215	**Verdict: PASS**
EUT requirement rule parts and clause	Reference
	FCC 15.215(c)
Test frequency range	Tested frequencies
	F_{MID}
EUT test mode	Single

Limits

The 20 dB bandwidth must be within the assigned frequency band

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. Detector set to peak and max hold
4. Envelope peak value of emission spectrum is selected
5. Marker on envelope of spectrum is set to level of -20 dB to the left of the peak
6. Marker on envelope of spectrum is set to level of -20 dB to the right of the peak
7. 20dB Bandwidth is determined by marker frequency separation

Test results

Channel	Frequency [MHz]	Lower Edge [MHz]	Lower Limit [MHz]	Upper Edge [MHz]	Upper Limit [MHz]	Result
F_{MID}	916.5	916.429	902	916.567	928	PASS

Comments: The edge frequencies are taken from the occupied bandwidth measurement because the edge frequencies are equal or wider than the 20 dB bandwidth edge frequencies

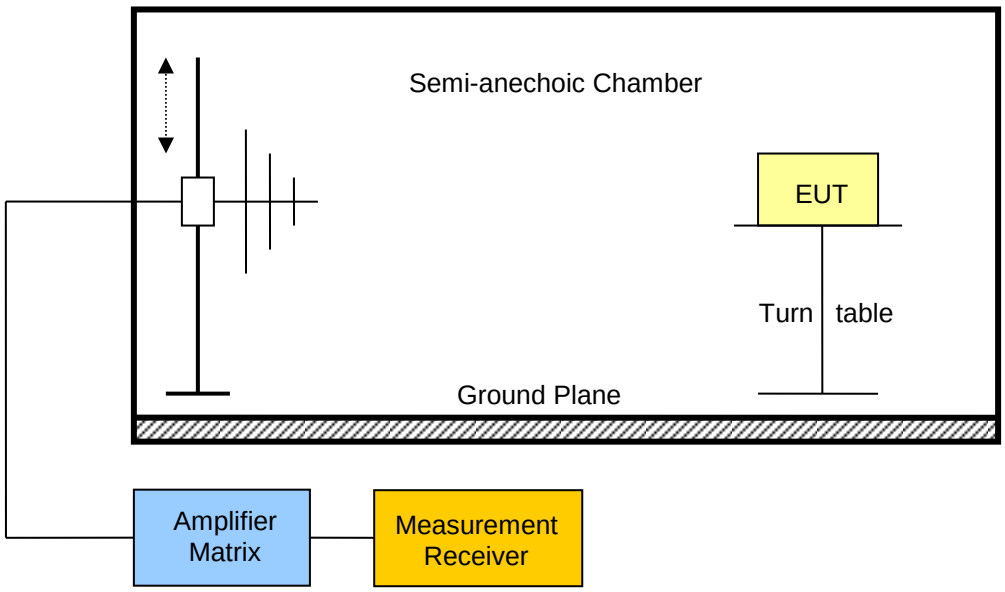
3.3 Test Conditions and Results – Fundamental field strength emissions

Field strength emissions acc. FCC 47 CFR 15.249 / IC RSS-210				**Verdict: PASS**
Test according referenced standards		Reference Method		
		FCC 15.249(a),(c),(e) / IC RSS-210 A2.9(a)		
Test according to measurement reference		Reference Method		
		ANSI C63.4		
Test frequency range		Tested frequencies		
		F_{MID}		
EUT test mode		Single		
Limits				
Frequency range [MHz]	Detector	Limit [mV/m]	Limit [dBµV/m]	Limit Distance [m]
902 – 928	Quasi-Peak	50	94	3
2400 – 2483.5	Average	50	94	3
5725 - 5875	Average	50	94	3

FCC 15.249(e) : for frequencies above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

Below 1GHz a CISPR quasi-peak detector is used.

Test setup



Test procedure
1. EUT set to test mode 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 maximum emission levels

Test results

Channel	Frequency [MHz]	Emission [MHz]	Level [dbµV/m]	Detector	Pol.	Limit [dbµV/m]	Limit distance [m]*	Margin [dB]
F_{MID}	916.5	916.446	90.45	pk	hor	94.00	3	-03.55
F_{MID}	916.5	916.500	77.57	pk	ver	94.00	3	-16.43

Comments: * Physical distance between EUT and measurement antenna.

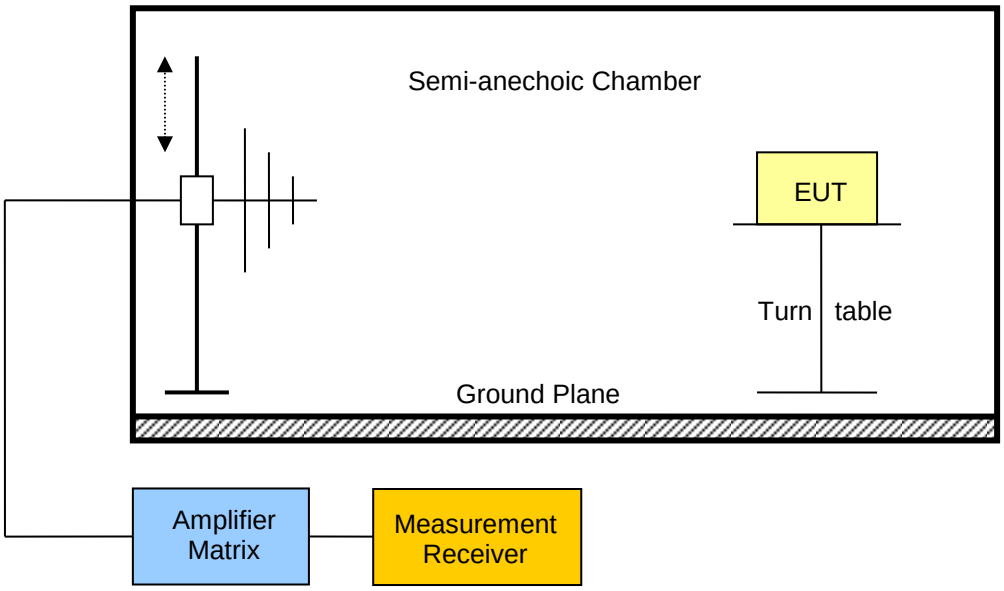
3.4 Test Conditions and Results – Emissions radiated outside the specified frequency band

Radiated out-of-band band emissions acc. FCC 47 CFR 15.249 / IC RSS-210				**Verdict: PASS**
Test according referenced standards		Reference Method		
		FCC 15.249(a),(c),(d),(e) / IC RSS-210 A2.9(a),(b)		
Test according to measurement reference		Reference Method		
		ANSI C63.4		
Test frequency range		Tested frequencies		
		30 MHz – 10th hamonic		
EUT test mode		Single		
Limits - Harmonics				
Frequency range [MHz]	Detector	Limit [µV/m]	Limit [dBµV/m]	Limit Distance [m]
902 – 928	Quasi-Peak	500	54	3
2400 – 2483.5	Average	500	54	3
5725 - 5875	Average	500	54	3
Limits - General				
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

FCC 15.249(e) : for frequencies above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

Except the higher order harmonics, emission radiated outside the specified frequency band shall be attenuated by at least 50 dB below the level of the fundamental or to the general field strength limits listed in 15.209 / RSS-Gen, whichever is less stringent.

Test setup



Test procedure

5. EUT set to test mode
6. Span it set according to measurement range
7. 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
8. Markers are set to maximum emission levels

Test results

Channel	Frequency [MHz]	Emission [MHz]	Level [dbµV/m]	Detector	Pol.	Limit [dbµV/m]	Limit distance [m]*	Margin [dB]
F_{MID}	916.5	928.587	40.89	pk	hor	46.00	3	-5.11
F_{MID}	916.5	1833	53.44	pk	ver	74.00	3	-20.56
F_{MID}	916.5	1833	52.24	avg	ver	54.00	3	-1.76
F_{MID}	916.5	3666	55.24	pk	hor	74.00	3	-18.76
F_{MID}	916.5	3666	53.51	avg	hor	54.00	3	-0.49

Comments: * Physical distance between EUT and measurement antenna. Assigned frequency band excluded during emission measurements (Pages 26-29).

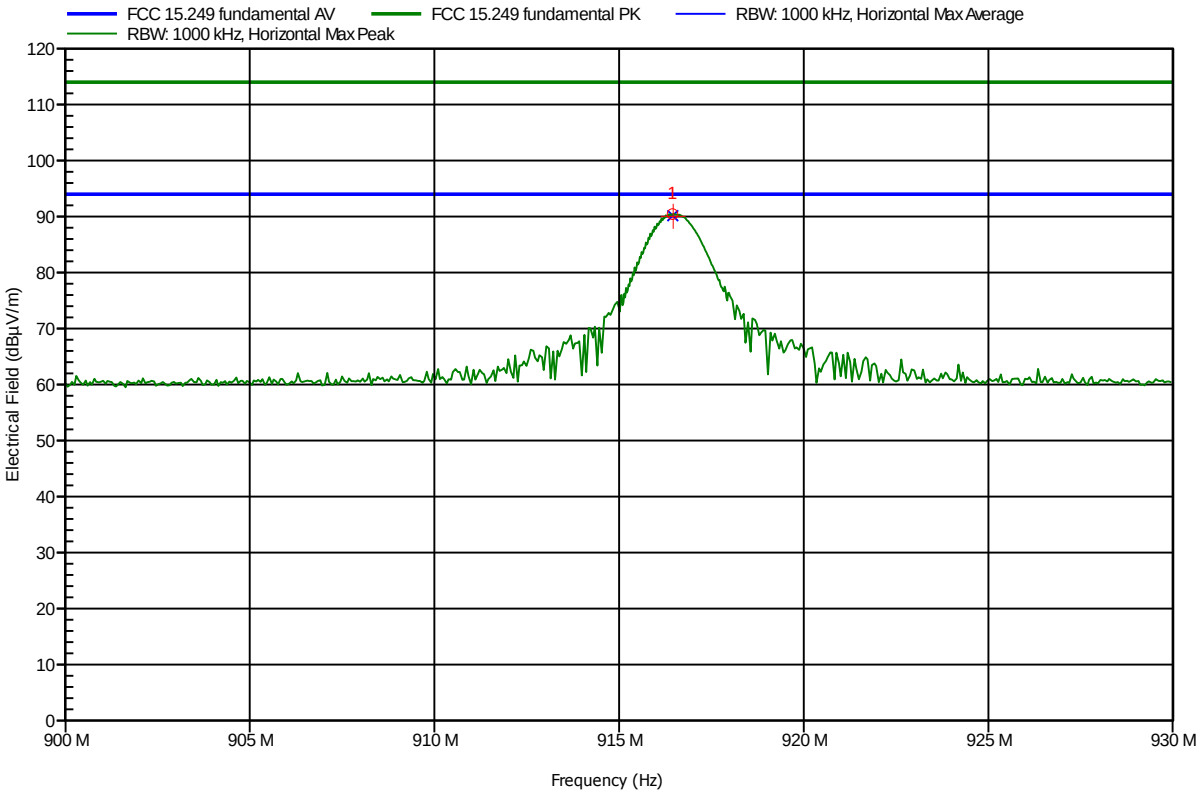
ANNEX A Fundamental field strength emissions

Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; 916.5 MHz; FSK
Test Date:	2014-02-28
Note:	

Index 19



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
916.446 MHz	90.45 dBµV/m	114 dBµV/m	-23.55 dB	Pass

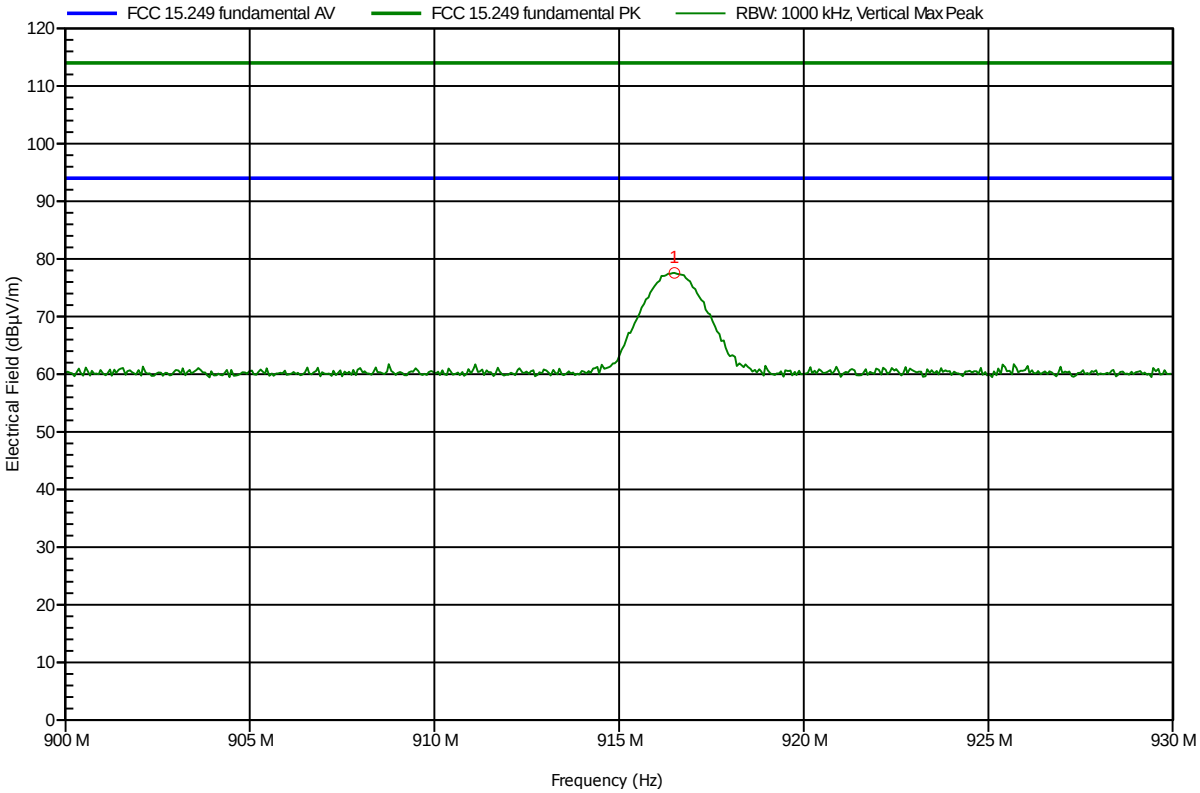
Frequency	Average	Average Limit	Average Difference	Average Status
916.446 MHz	90.17 dBµV/m	94 dBµV/m	-3.83 dB	Pass

Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; 916.5 MHz; FSK
Test Date:	2014-02-28
Note:	

Index 2



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
916.5 MHz	77.57 dBµV/m	114 dBµV/m	-36.43 dB	Pass

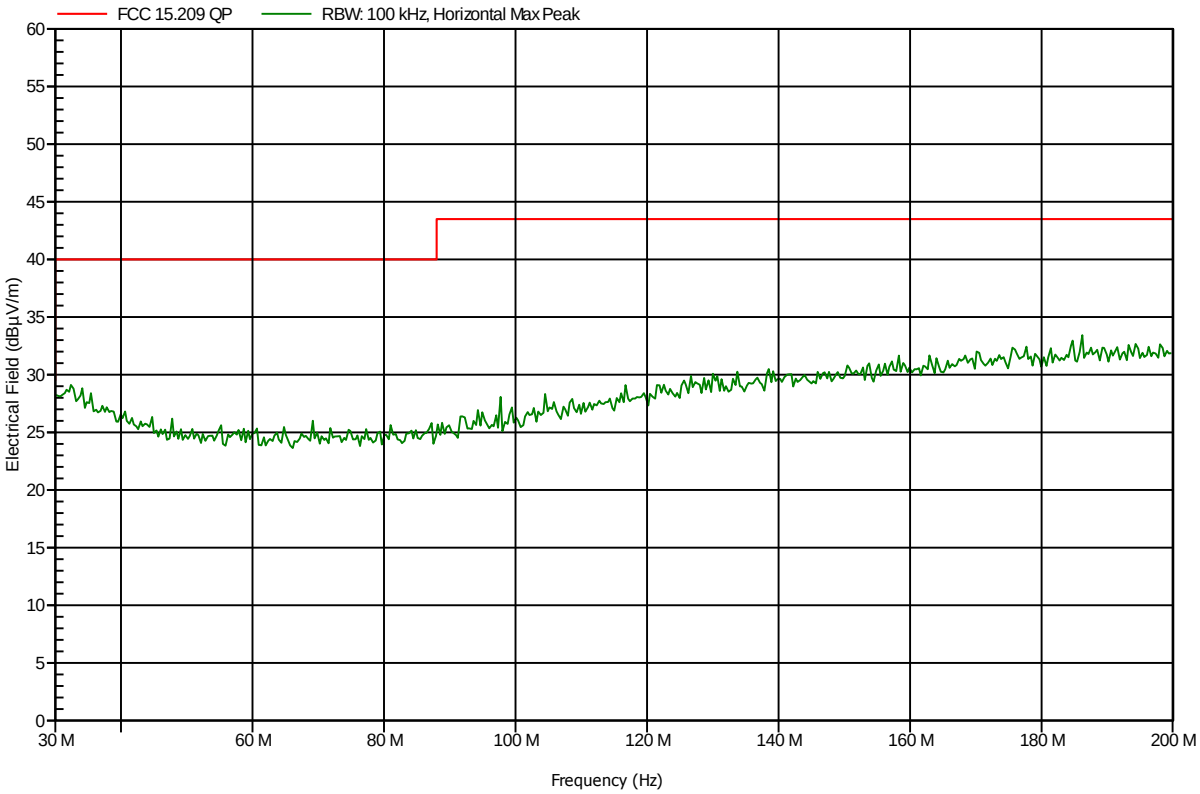
ANNEX B Transmitter radiated spurious emissions

Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 8

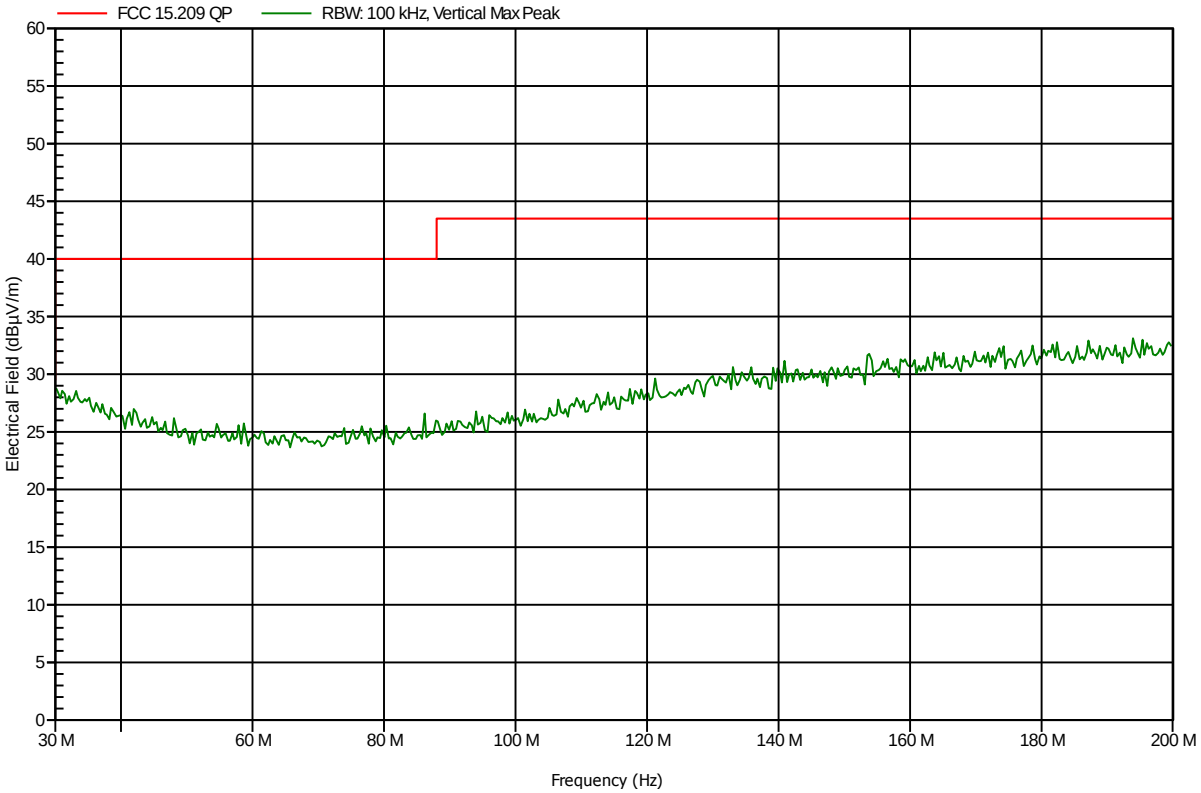


Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 9

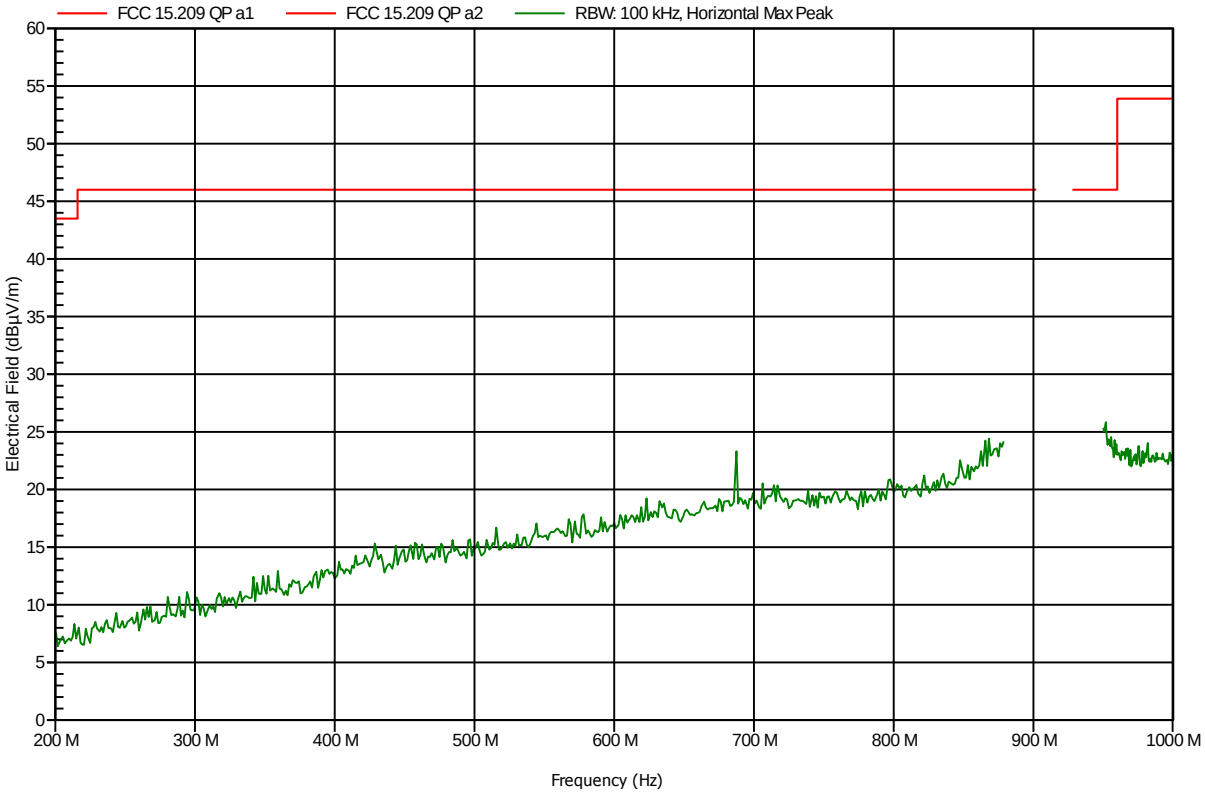


Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 5

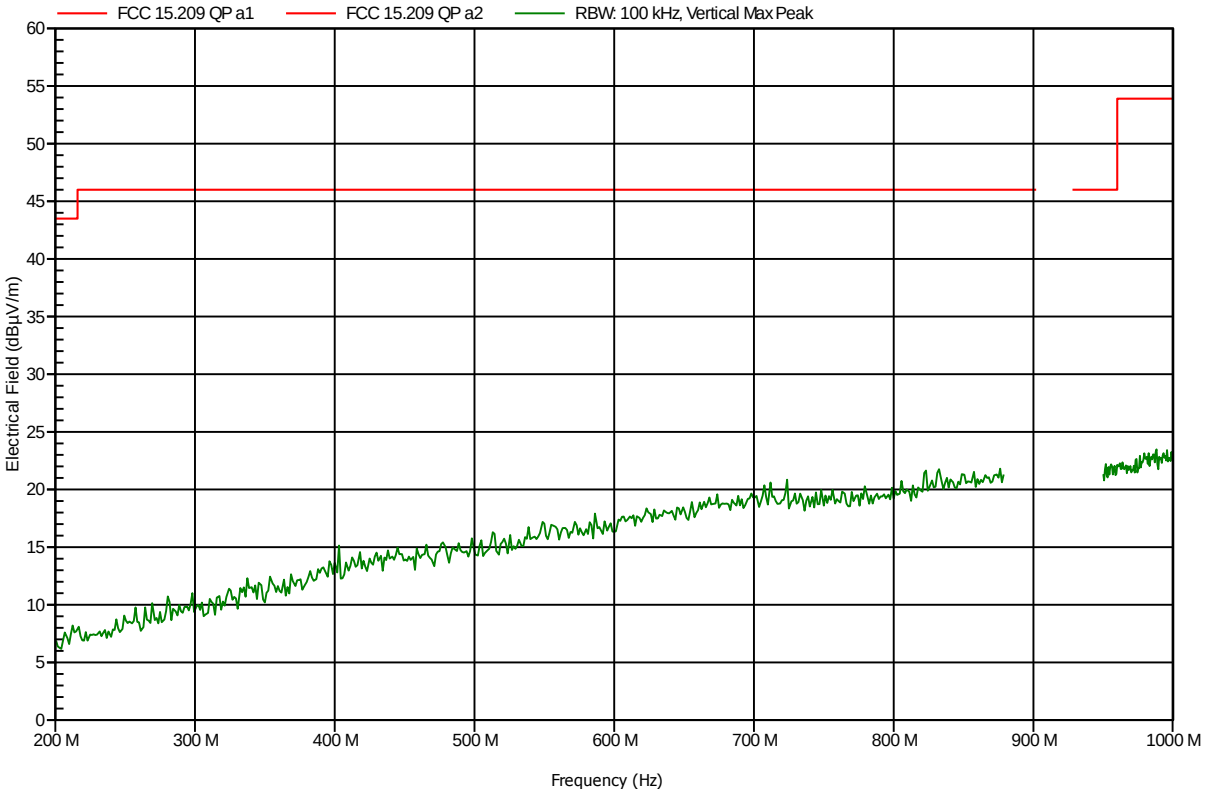


Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 3

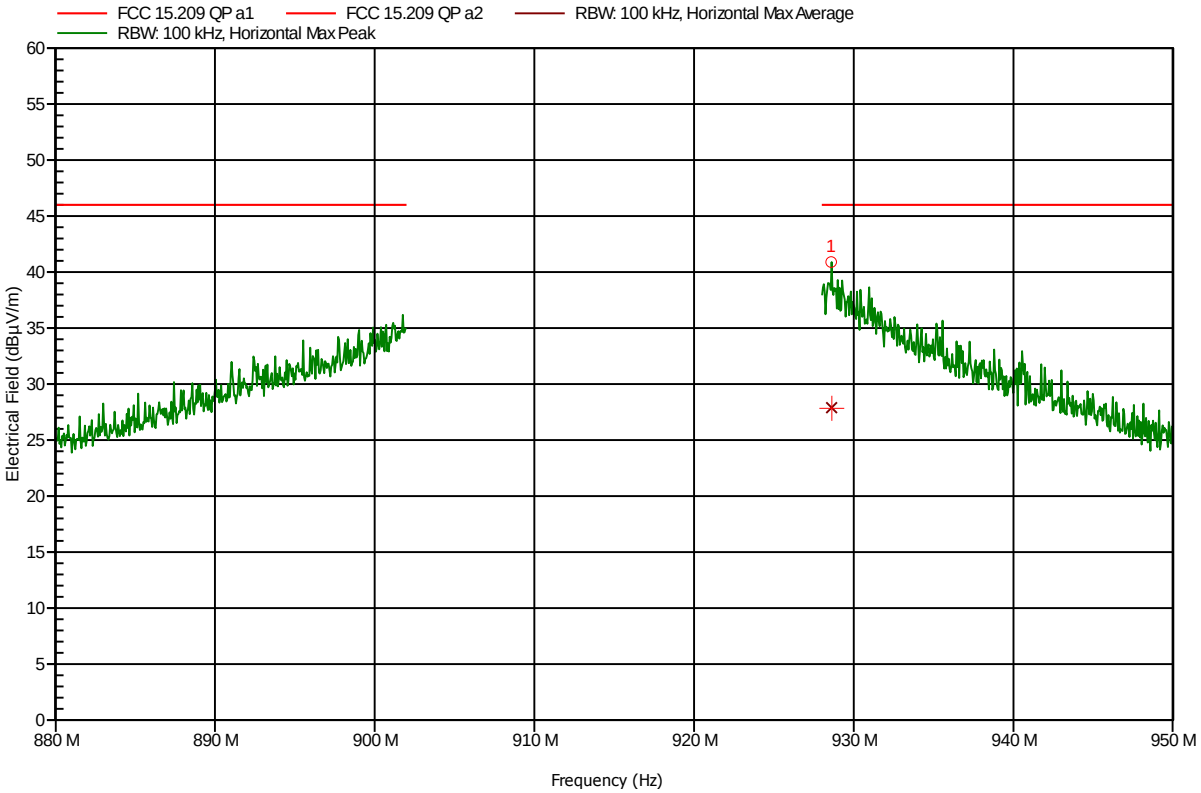


Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	Band Edge

Index 7



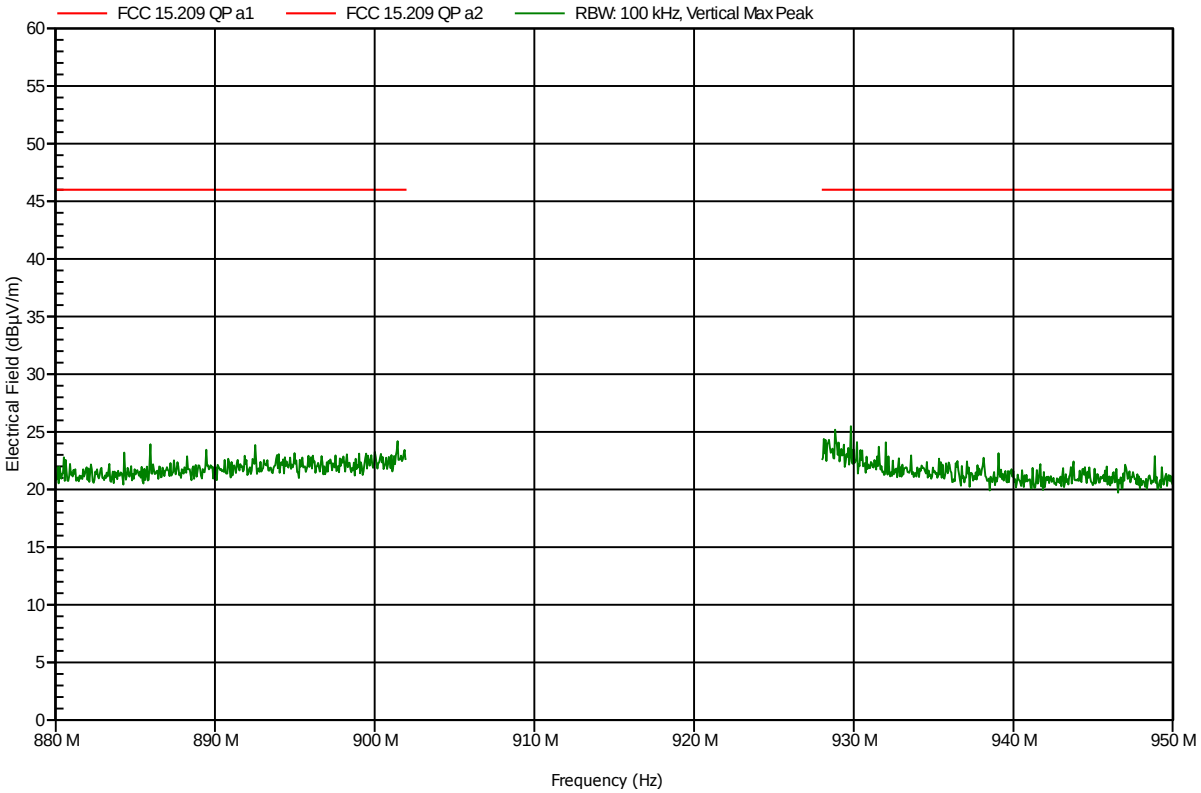
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
928.587 MHz	40.89 dBµV/m	46 dBµV/m	-5.11 dB	Pass

Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	Band edge

Index 4

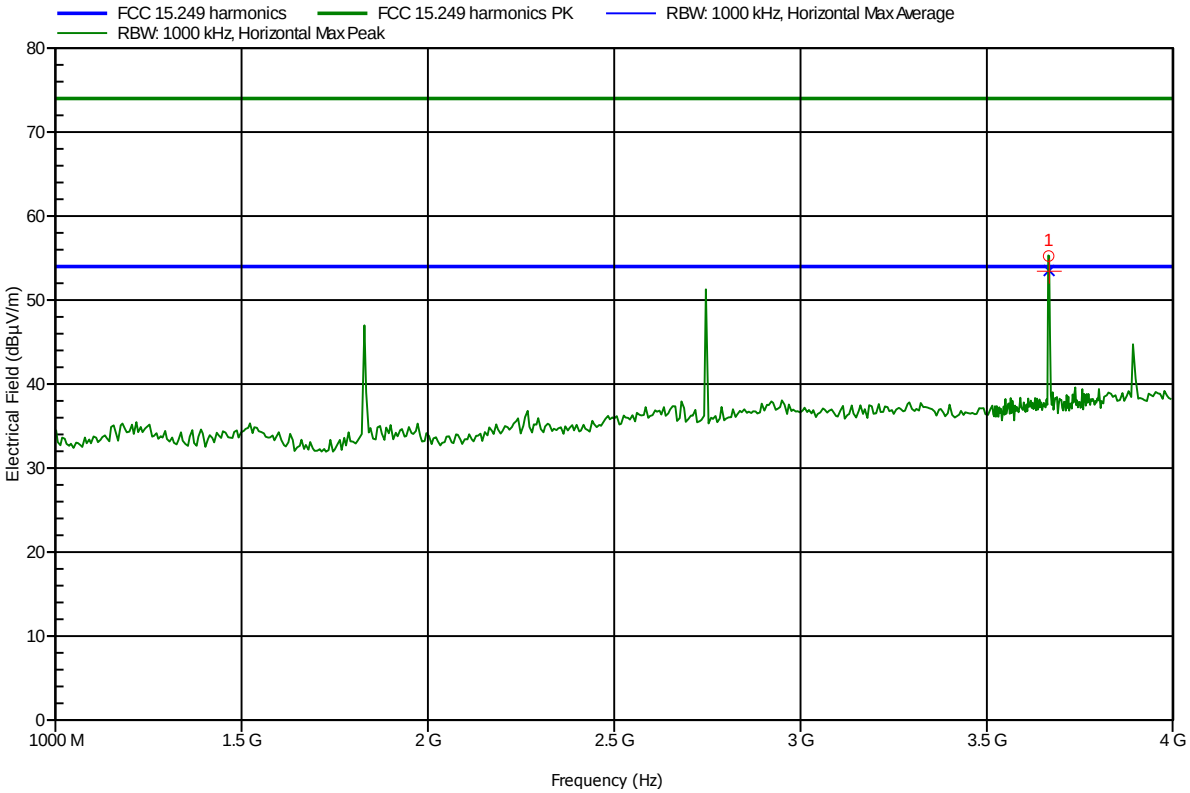


Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 12



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
3.666 GHz	55.24 dBµV/m	74 dBµV/m	-18.76 dB	Pass

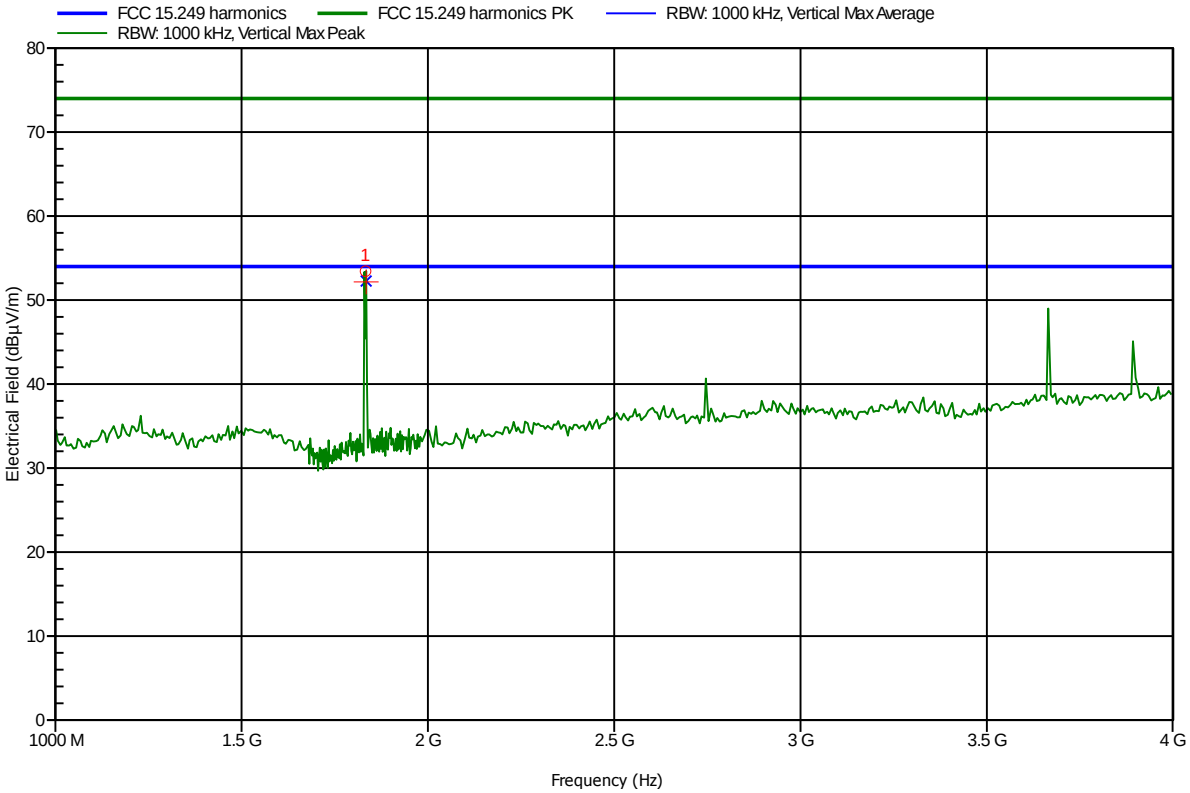
Frequency	Average	Average Limit	Average Difference	Average Status
3.666 GHz	53.51 dBµV/m	54 dBµV/m	-0.49 dB	Pass

Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 14



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.833 GHz	53.44 dBµV/m	74 dBµV/m	-20.56 dB	Pass

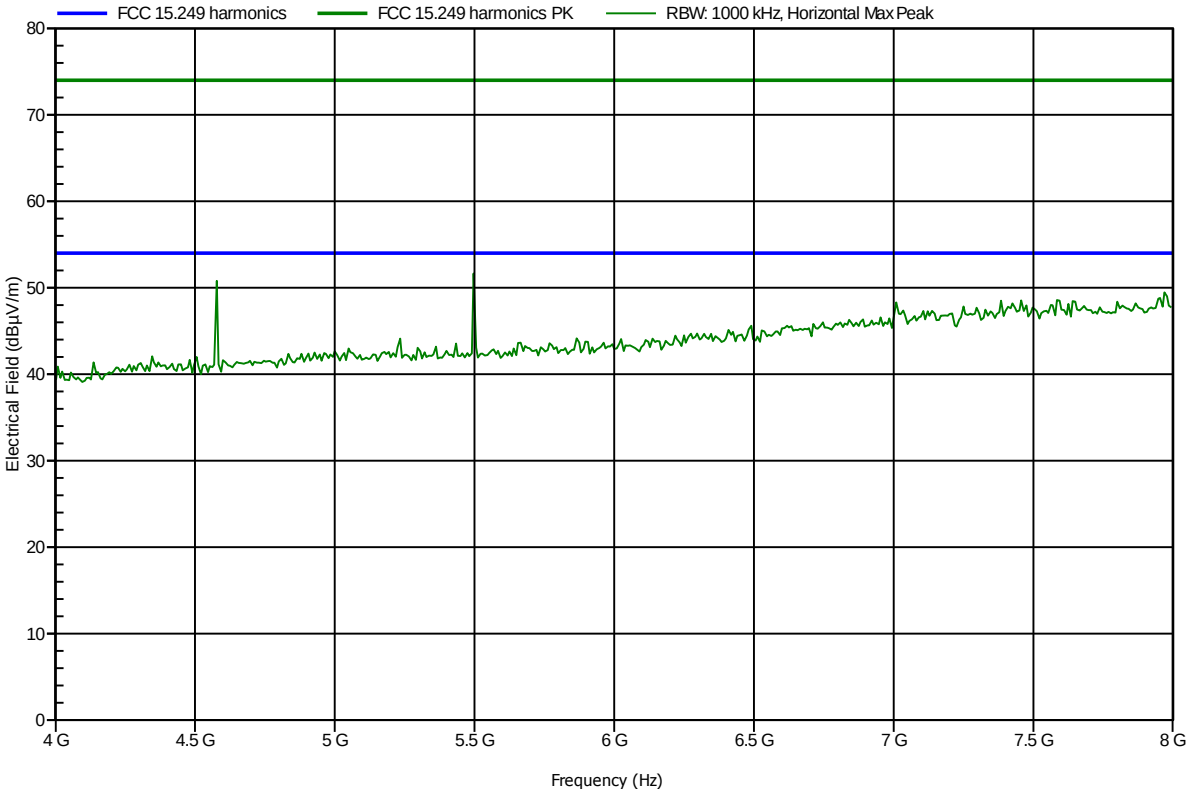
Frequency	Average	Average Limit	Average Difference	Average Status
1.833 GHz	52.24 dBµV/m	54 dBµV/m	-1.76 dB	Pass

Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 13

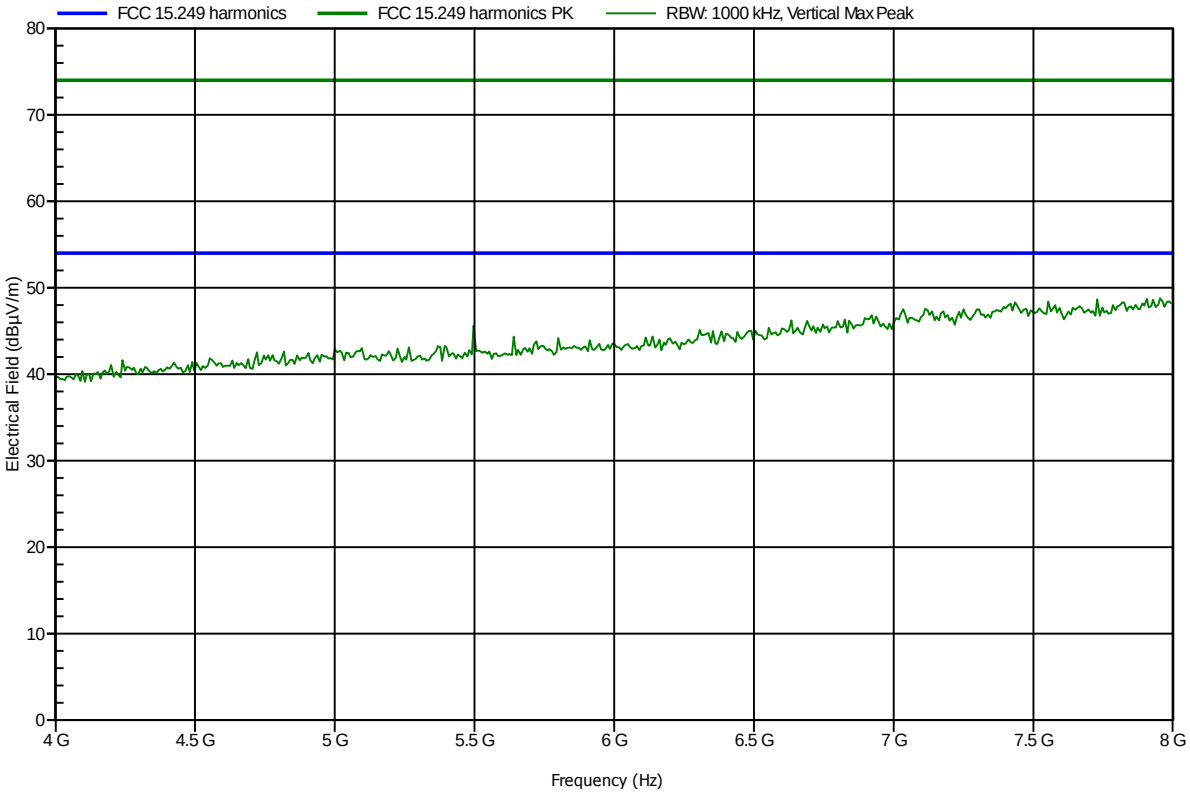


Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 15

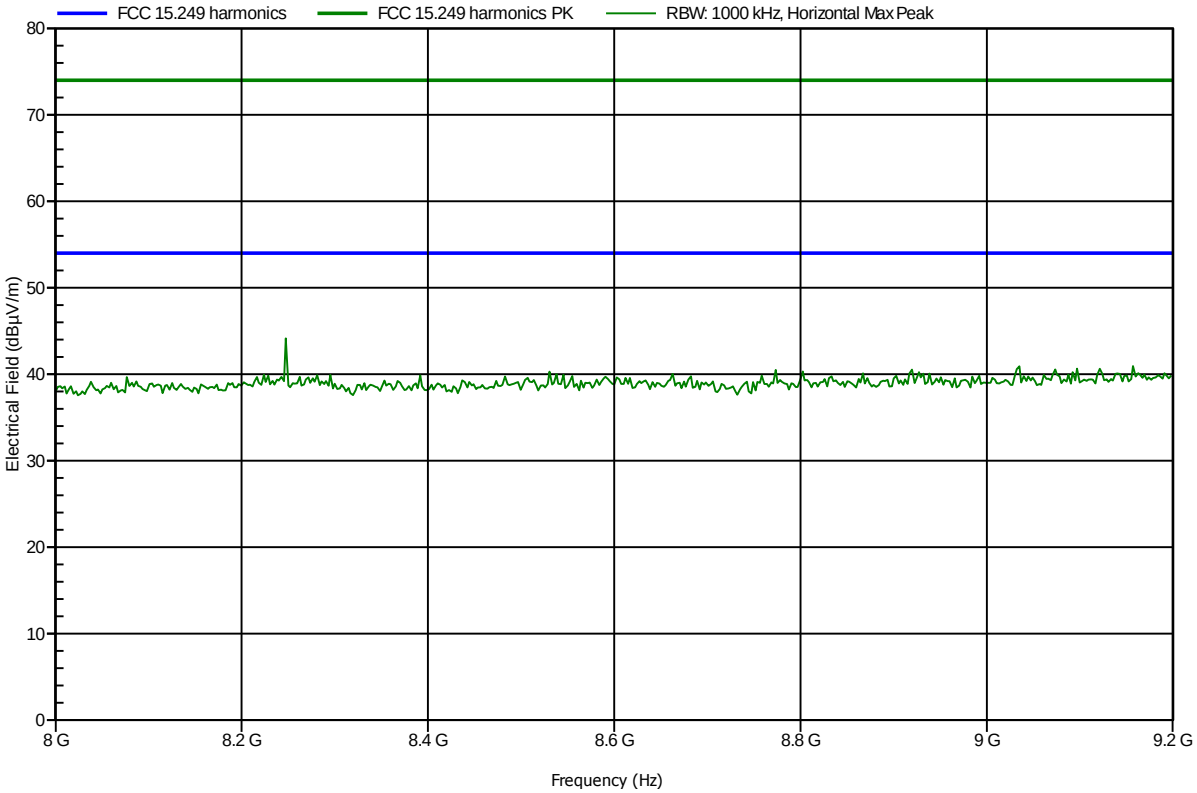


Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

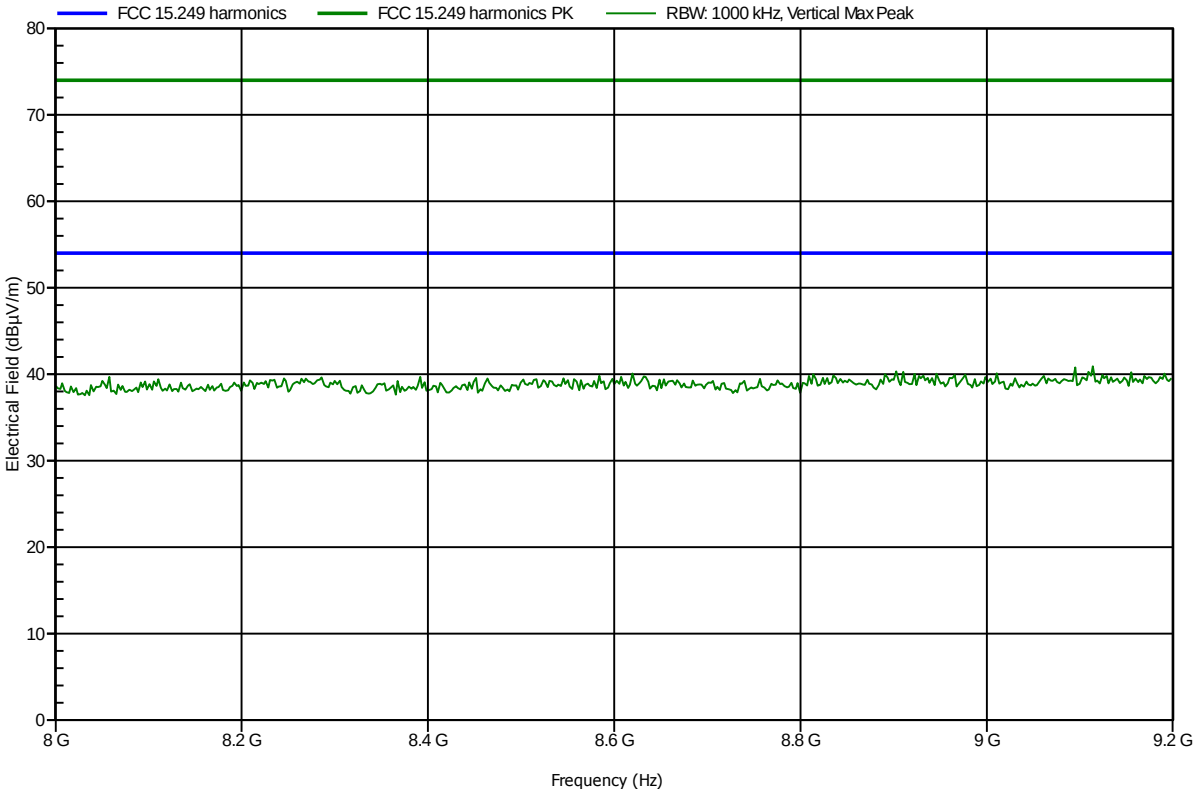
Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	100 cm converted to 3m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 17



Spurious emissions according to FCC 15.249

Project number: G0M-1401-3559

Manufacturer:	ELDAT GmbH
EUT Name:	Funksender, Variante 916 MHz
Model:	RT9011
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Treffke
Test Conditions:	Tnom: 25°C, Vnom: 3.0 V DC (battery)
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	100 cm converted to 3m
Mode:	TX; 916.5MHz; FSK
Test Date:	2014-02-28
Note:	

Index 18