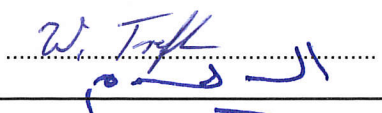


RADIO REPORT FCC 47 CFR Part 15C ISED Canada RSS-247 Frequency hopping systems operating within the 2400 – 2483.5 MHz band	
Report Reference No	G0M-1801-7167-TFC247BT-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	 A2LA Accredited Testing Laboratory, Certificate No.: 1983.01 FCC Test Firm Designation Number: DE0008 IC Testing Laboratory site: 3470A-3
Applicant	Leica Geosystems AG
Address	Heinrich Wild Strasse 9435 Heerbrugg SWITZERLAND
Test Specification	According to FCC/ISED rules
Standard	47 CFR Part 15C RSS-247, Issue 2, 2017-02
Non-Standard Test Method	None
Test Scope	partial compliance test
Equipment under Test (EUT):	
Product Description	Laser Distance Meter
Model(s)	Leica BLK3D
Additional Model(s)	None
Brand Name(s)	Leica Geosystems AG
Hardware Version(s)	V02
Software Version(s)	Android Version 7.1.2, API 25, Kernel Version 3.18.31, BSP Version 3.5
FCC-ID	RFF-IIS01
IC	3177A-IIS01
Test Result	PASSED

Test Report No.: G0M-1801-7167-TFC247BT-V01

Eurofins Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

Possible test case verdicts:		
required by standard but not tested	N/T	
not required by standard	N/R	
not applicable to EUT	N/A	
test object does meet the requirement	P(PASS)	
test object does not meet the requirement	F(FAIL)	
Testing:		
Test Lab Temperature	20 - 23 °C	
Test Lab Humidity	32 – 38 %	
Date of receipt of test item	2018-02-16	
Report:		
Compiled by	Abdullah Al Jamal	
Tested by (+ signature) (Responsible for Test)	Abdullah Al Jamal / Wilfried Treffke	
Approved by (+ signature) (Deputy Head of Lab)	Toralf Jahn	
Date of Issue	2018-04-17	
Total number of pages	117	
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:		
None		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2018-04-17	Initial Release	

ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
BR	Bluetooth Basic Rate mode
EDR	Bluetooth Enhanced Data Rate mode
EUT	Equipment Under Test
FCC	Federal Communications Commission
ISED	Innovation, Science and Economic Development Canada
RBW	Resolution bandwidth
RMS	Root mean square
VBW	Video bandwidth
V _{NOM}	Nominal supply voltage

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1 Equipment (Test Item) Under Test

Description	Laser Distance Meter	
Model	Leica BLK3D	
Additional Model(s)	None	
Brand Name(s)	Leica Geosystems AG	
Serial Number(s)	Not specified	
Hardware Version(s)	V02	
Software Version(s)	Android Version 7.1.2, API 25, Kernel Version 3.18.31, BSP Version 3.5	
PMN	Leica BLK3D	
HVIN	Leica BLK3D	
FVIN	N/A	
HMN	N/A	
FCC-ID	RFF-IIS01	
IC	3177A-IIS01	
Equipment type	End Product	
Radio type	Transceiver	
Assigned frequency bands	2400 - 2483.5 MHz	
Radio technology	Bluetooth	
Modulation	GFSK, PI/4-DQPSK, 8-DPSK	
Number of antenna ports	1	
Radio Module	Type	Bluetooth radio module
	Model	NFA324A-12H32
	Manufacturer	FOXCONN
	HW Version	V02
	SW Version	BSP 3.5
Antenna	Type	Integrated antenna
	Model	A9703050 Rev 05
	Manufacturer	Sinbon
	Gain	Not specified (no declaration by manufacturer)
Supply Voltage	V _{NOM}	3.8 VDC
Operating Temperature	T _{NOM}	20 °C
AC/DC-Adaptor	Model	AD06D050100E
	Vendor	RRC
	Input	100.0 VAC – 240.0 VAC
	Output	5.0 VDC
Manufacturer	Leica Geosystems AG Heinrich Wild Strasse 9435 Heerbrugg SWITZERLAND	

1.1 Photos – Equipment External



EUT BOTTOM VIEW



EUT SIDE VIEW (A)



EUT SIDE VIEW (B)



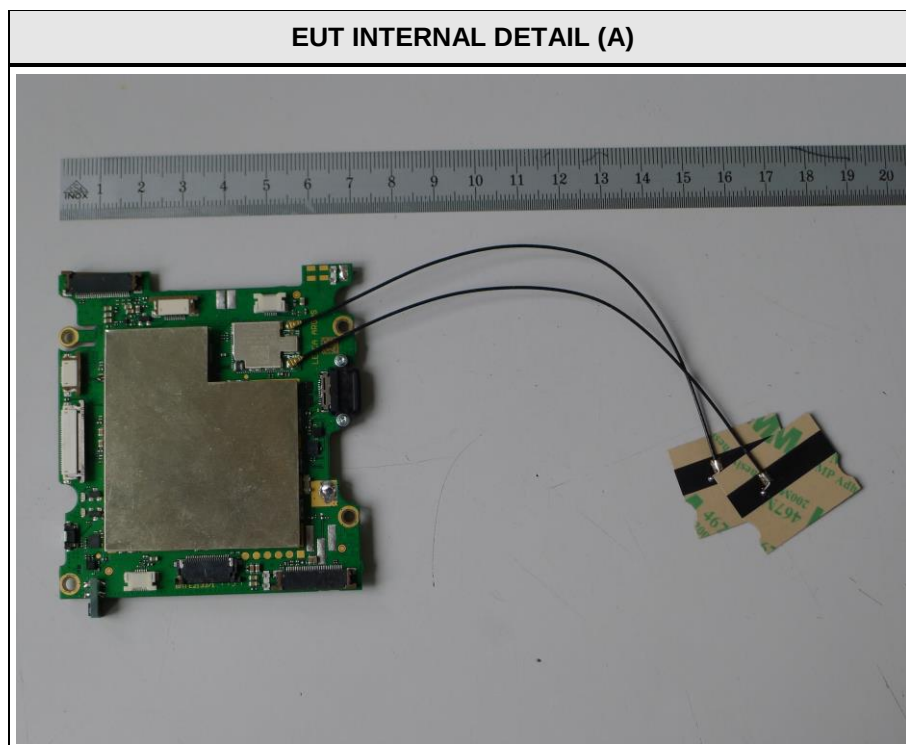
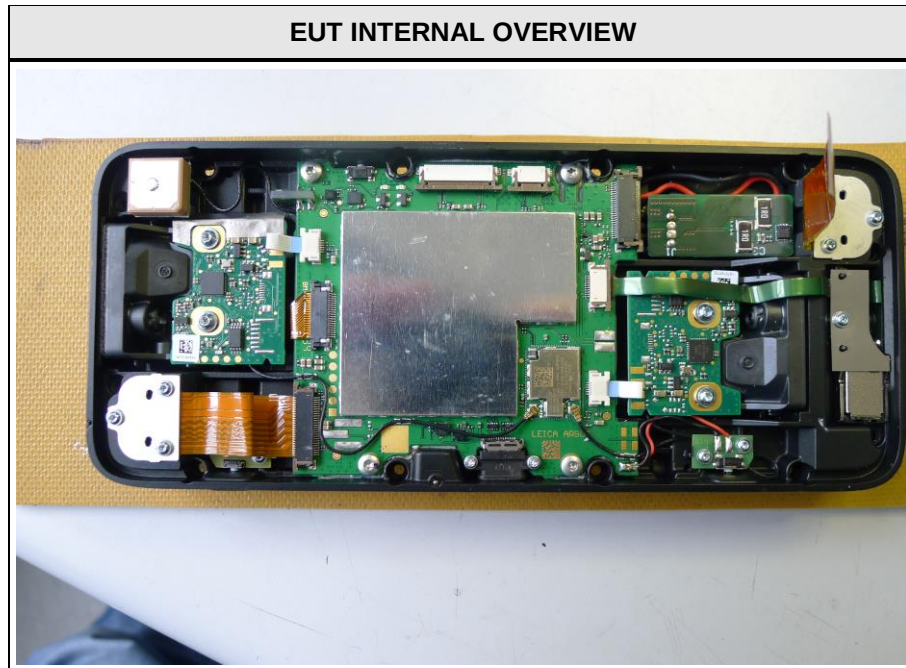
EUT SIDE VIEW (C)



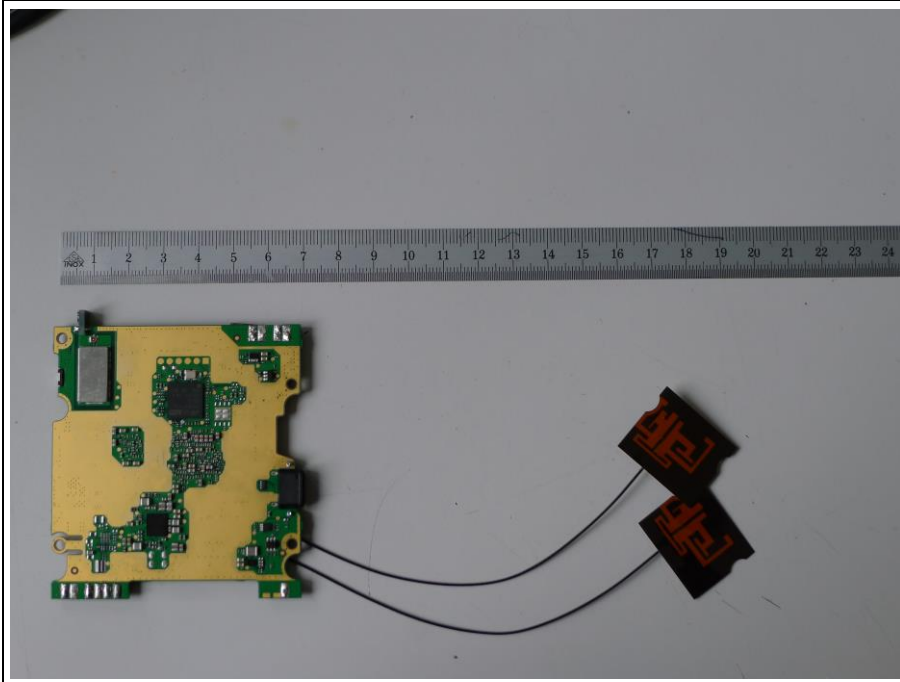
EUT SIDE VIEW (D)



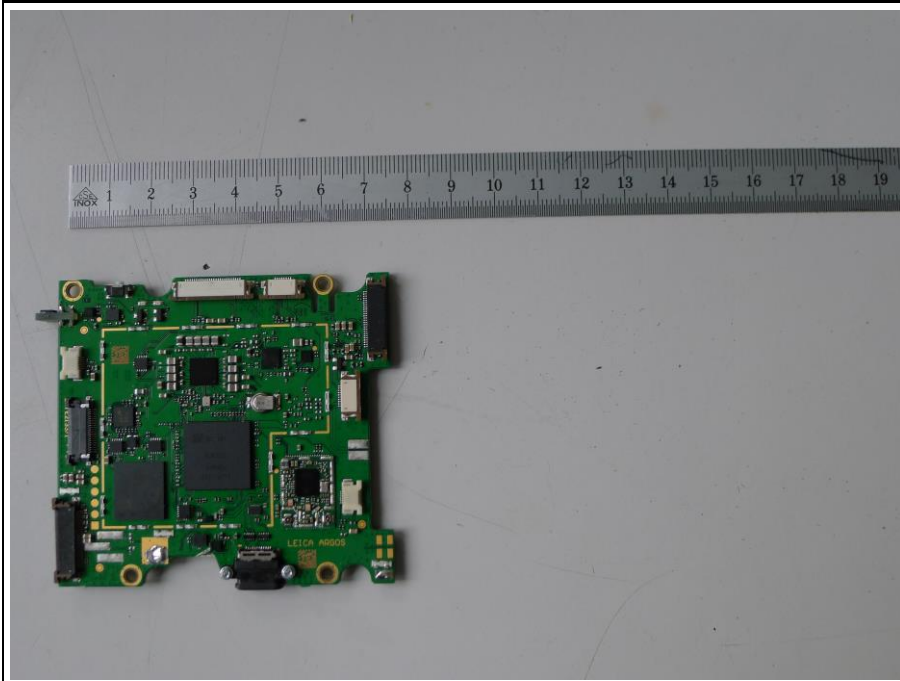
1.2 Photos – Equipment Internal



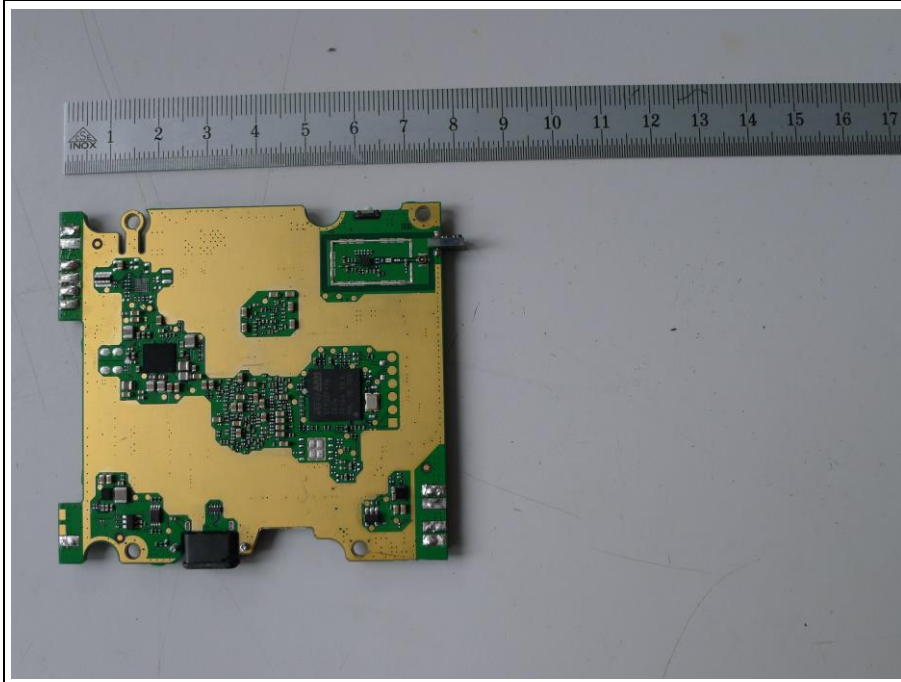
EUT INTERNAL DETAIL (B)



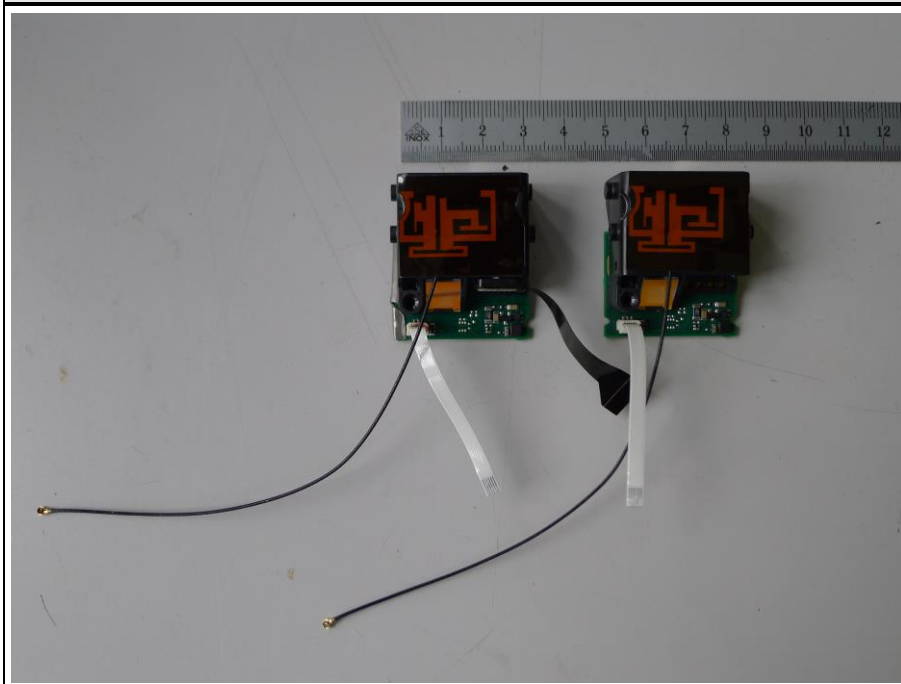
EUT INTERNAL DETAIL (B)



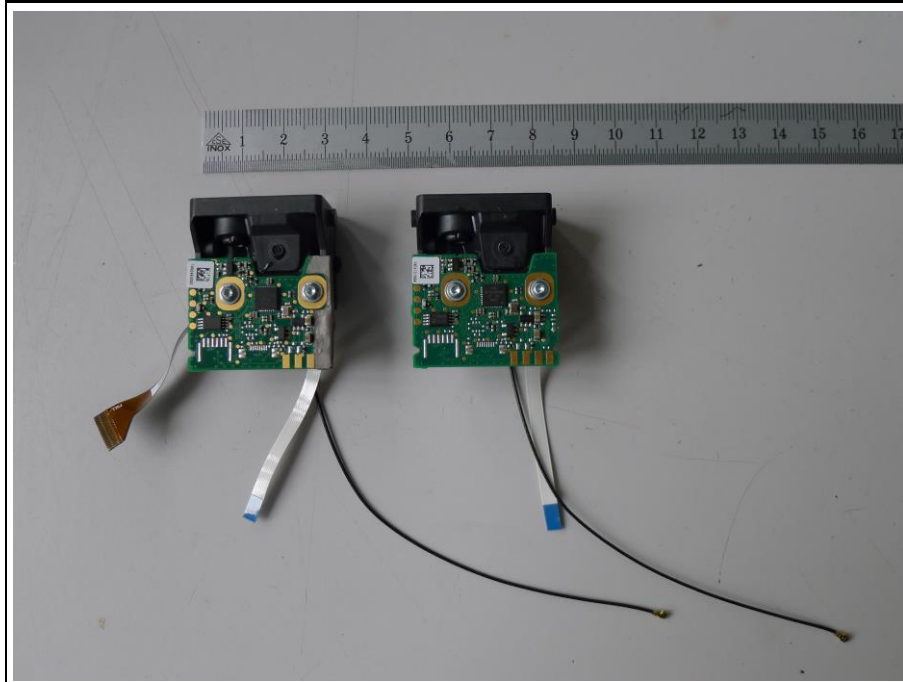
EUT INTERNAL DETAIL (C)



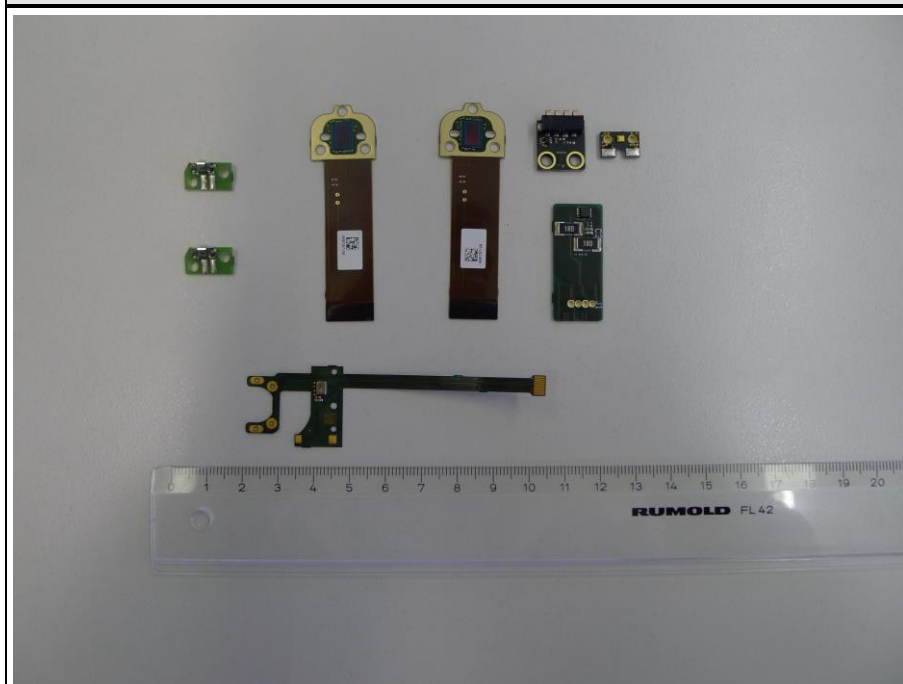
EUT INTERNAL DETAIL (D)



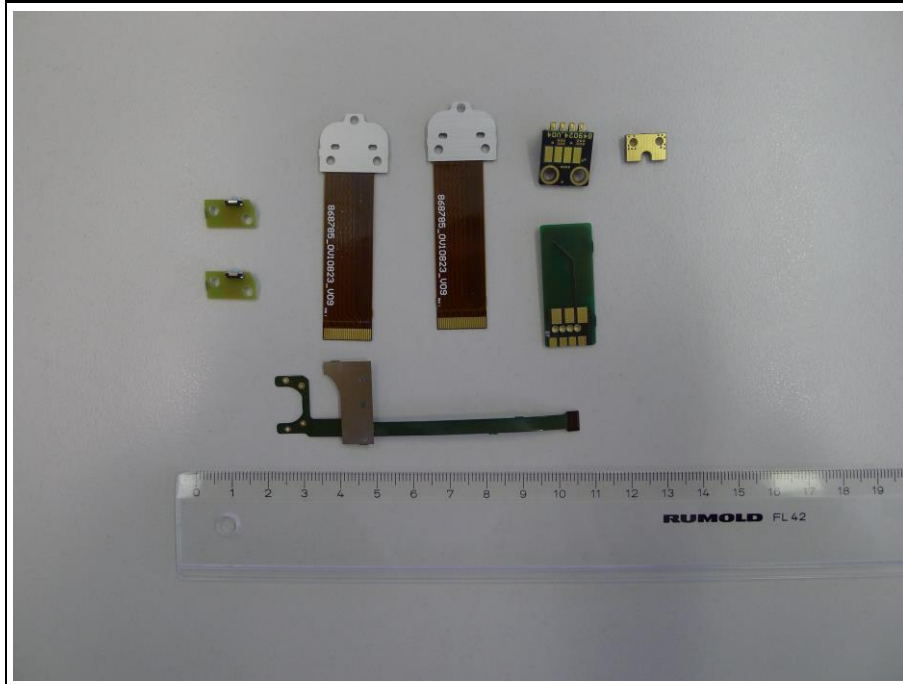
EUT INTERNAL DETAIL (E)



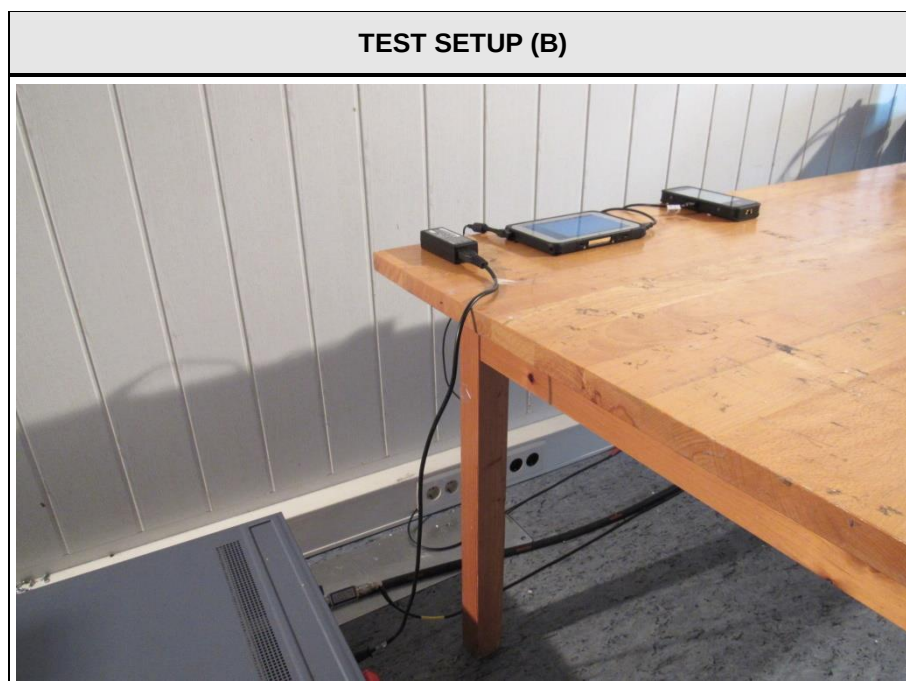
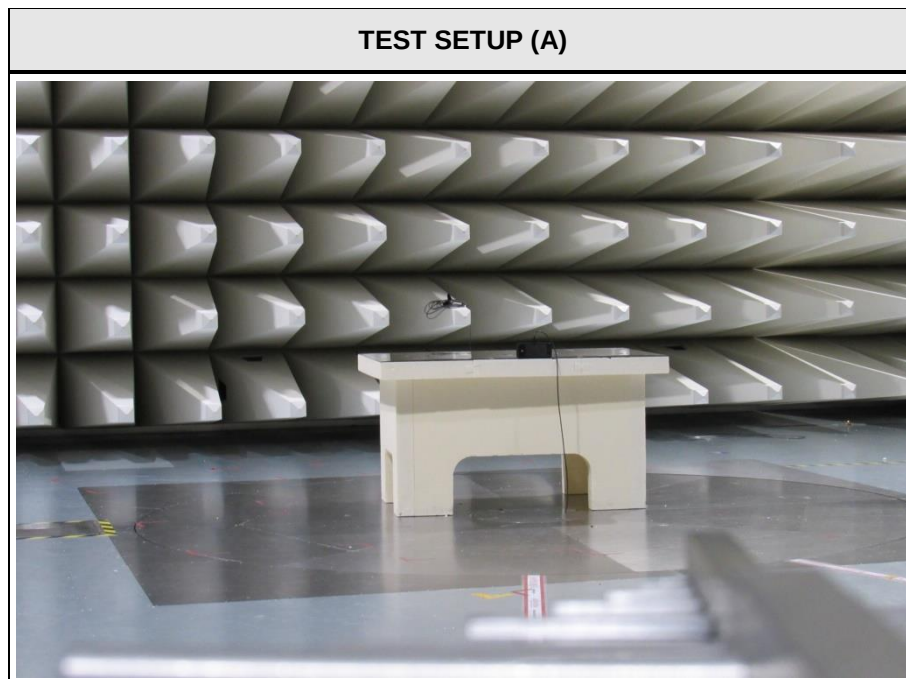
EUT INTERNAL DETAIL (F)



EUT INTERNAL DETAIL (G)



1.3 Photos – Test Setup



1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
AE1	Notebook	Lenovo	L430	S/N R9-T6F8A 12/09 (Type 2466-3FG)
AE2	Power Supply AC Adapter 90W 20V	Lenovo	42T4428	None
AE3	Personal Computer (Toughpad)	Panasonic Corporation Osaka, Japan	FZ-M1	Model No.: FZ-M1CCAACED Serial No.: 4LTCA17675
AE4	Power Supply AC Adapter	Panasonic Corporation Osaka, Japan	---- / ----	Model No.: CF-AA6373A M2
Description:				
AE1 – A4	Auxillary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
Comment: None				

1.5 Test Modes

Mode	Description
DH5 Single	Mode = Transmit Modulation = GFSK Spreading = None Packet type = DH5 Duty cycle = 78%
2-DH5 Single	Mode = Transmit Modulation = PI/4-DQPSK Spreading = None Packet type = 2-DH5 Duty cycle = 78%
3-DH5 Single	Mode = Transmit Modulation = 8-DPSK Spreading = None Packet type = 3-DH5 Duty cycle = 78%
Receive	Mode = Receive
Comment: None	

1.6 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx / Rx	0	2402
F2	Tx / Rx	39	2441
F3	Tx / Rx	78	2480

1.7 Sample emission level calculation

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

Reading:

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

A.F.:

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

$$\text{Reading on Analyzer (dB}\mu\text{V)} + \text{A.F. (dB)} = \text{Net field strength (dB}\mu\text{V/m)}$$

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:

$$\text{Limit (dB}\mu\text{V/m)} = 20 \cdot \log(\mu\text{V/m})$$

Margin:

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

Example only:

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

2 Result Summary

FCC 47 CFR Part 15C, ISED RSS-247				
Product Standard Reference	Requirement	Reference Method	Result	Remarks
RSS-Gen 6.6	Occupied Bandwidth	ANSI C63.10	N/R	Informational only
FCC § 15.247(a)(1) ISED RSS-247 § 5.1	20 dB Bandwidth	ANSI C63.10	N/T	
FCC § 15.247(a)(1)(iii) ISED RSS-247 § 5.1	Number of hopping frequencies	ANSI C63.10	N/T	
FCC § 15.247(a)(1) ISED RSS-247 § 5.1	Frequency hopping channel separation	ANSI C63.10	N/T	
FCC § 15.247(a)(1)(iii) ISED RSS-247 § 5.1	Time of occupancy (Dwell time)	ANSI C63.10	N/T	
FCC § 15.247(b)(1) ISED RSS-247 § 5.4	Maximum peak conducted power	ANSI C63.10	N/T	
FCC § 15.207 ISED RSS-247 § 3.1	AC power line conducted emissions	ANSI C63.10	PASS	
FCC § 15.247(d) ISED RSS-247 § 5.5	Band edge compliance	ANSI C63.10	N/T	
FCC § 15.247(d) ISED RSS-247 § 5.5	Conducted spurious emissions	ANSI C63.10	N/T	
FCC § 15.247(d) FCC § 15.209 ISED RSS-GEN § 8.9	Transmitter radiated spurious emissions	ANSI C63.10	PASS	
ISED RSS-247 § 3.1	Receiver radiated spurious emissions	ANSI C63.10	PASS	
Comment: None				

Possible Test Case Verdicts	
PASS	Test object does meet the requirements
FAIL	Test object does not meet the requirements
N/T	Required by standard but not tested
N/R	Not required by standard for the test object

3 Test Conditions and Results

3.1 Test Conditions and Results - Occupied bandwidth

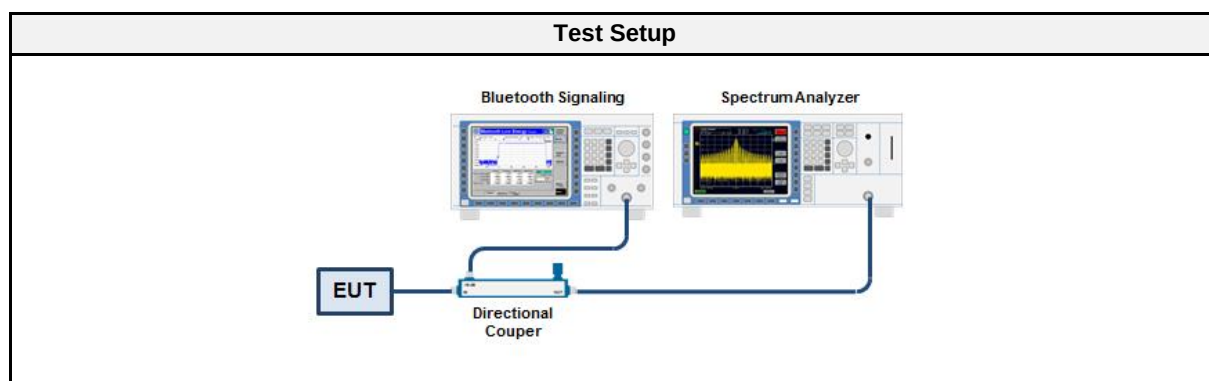
3.1.1 Information

Test Information	
Reference	ISED RSS-Gen 6.6
Measurement Method	ANSI C63.10 6.9.3
Operator	Abdullah Al Jamal
Date	2018-03-02

3.1.2 Limits

Limits
None (Informational only)

3.1.3 Setup



3.1.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSU 3	EF00241	2017-07	2019-07

3.1.5 Procedure

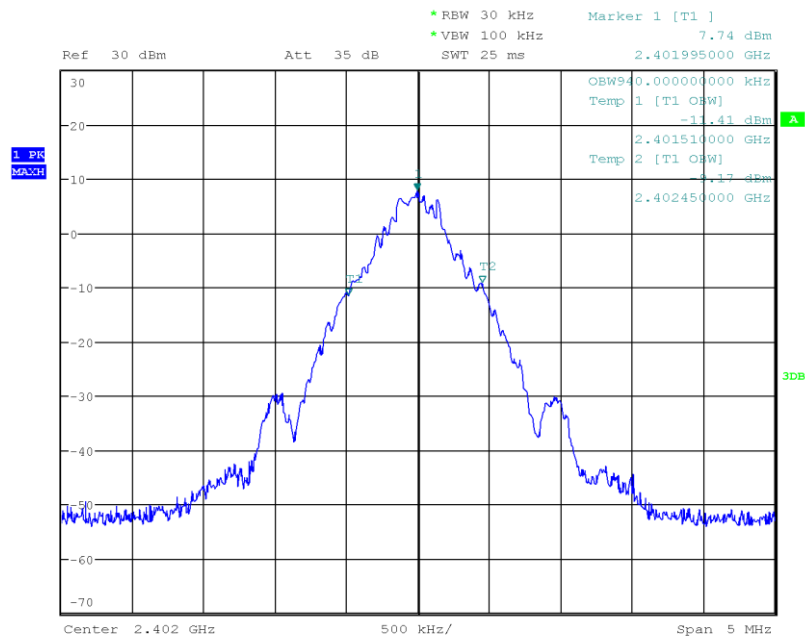
Test Procedure
1. EUT transmitter is activated in test mode under normal conditions 2. The spectrum analyzer is set to peak detection and maximum hold with a span twice the emission spectrum 3. The resolution bandwidth is set to 1 % of the bandwidth 4. The occupied bandwidth is measured with the build-in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

3.1.6 Results

Test Results		
Mode	Frequency [MHz]	Bandwidth [MHz]
DH5	2402	0.940
DH5	2441	0.940
DH5	2480	0.930
2-DH5	2402	1.185
2-DH5	2441	1.195
2-DH5	2480	1.190
3-DH5	2402	1.185
3-DH5	2441	1.190
3-DH5	2480	1.195

Occupied Bandwidth

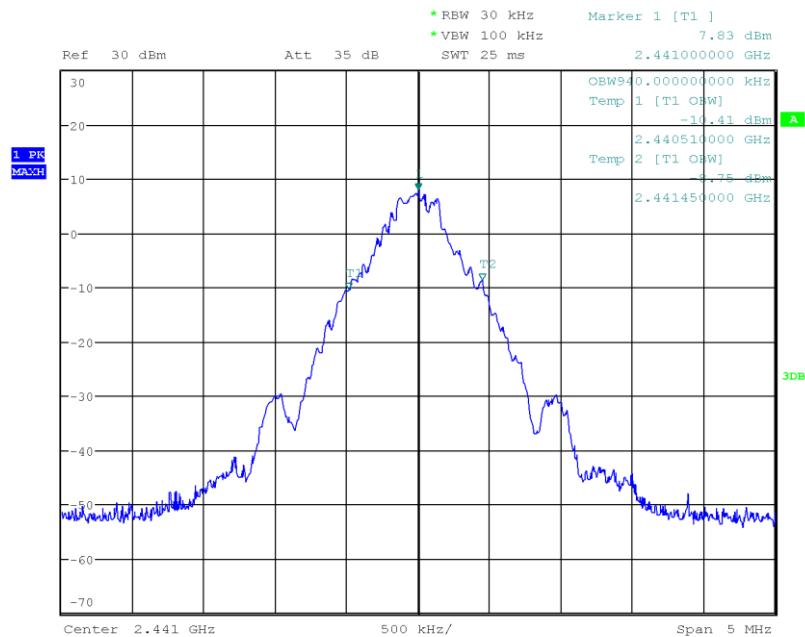
Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: DH5, Channel: 0, 2402 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 0.940



Date: 2.MAR.2018 13:26:06

Occupied Bandwidth

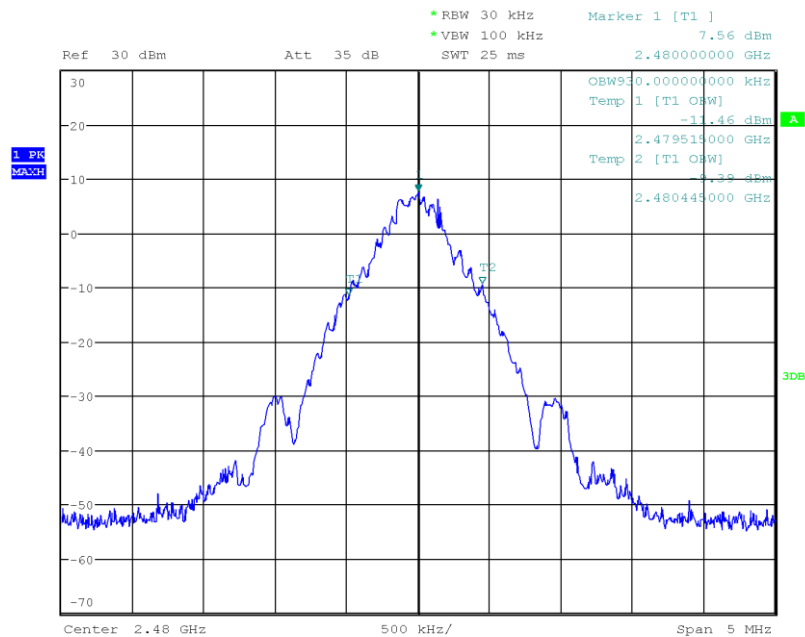
Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: DH5, Channel: 39, 2441 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 0.940



Date: 2.MAR.2018 13:24:34

Occupied Bandwidth

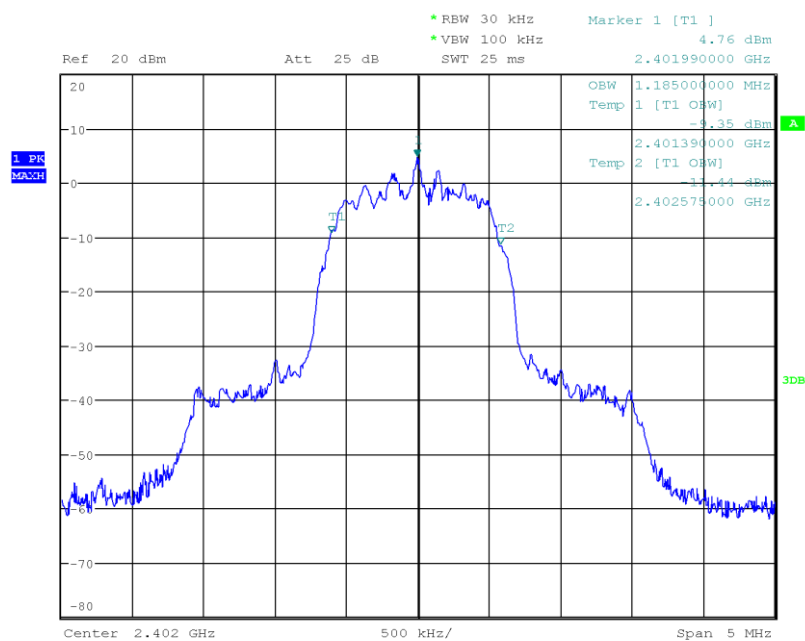
Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: DH5, Channel: 78, 2480 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 0.930



Date: 2.MAR.2018 13:31:25

Occupied Bandwidth

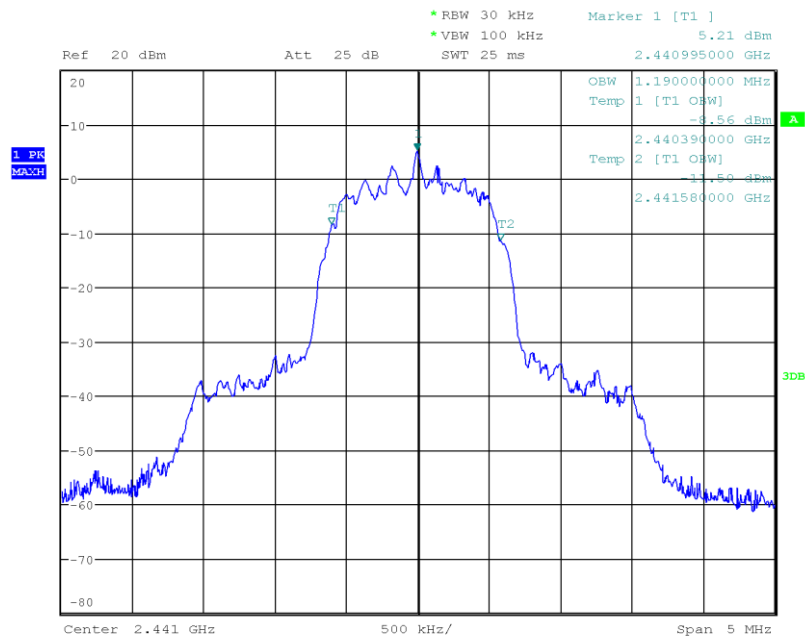
Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: 2-DH5, Channel: 0, 2402 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 1.185



Date: 2.MAR.2018 13:28:47

Occupied Bandwidth

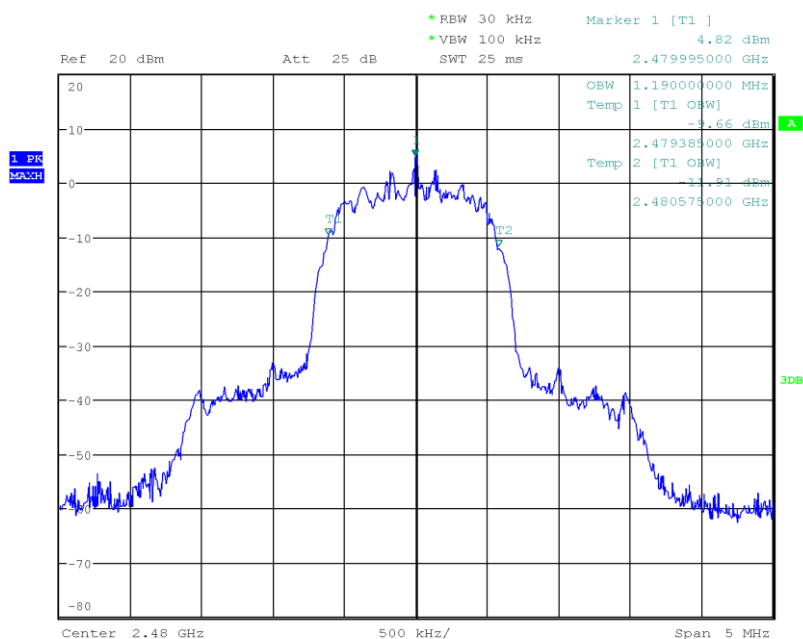
Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: 2-DH5, Channel: 39, 2441 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 1.195



Date: 2.MAR.2018 13:23:22

Occupied Bandwidth

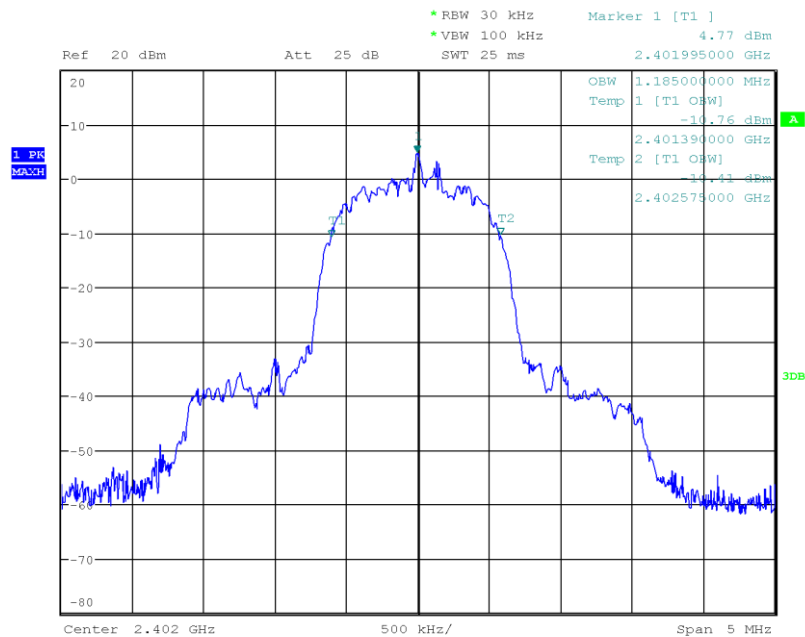
Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: 2-DH5, Channel: 78, 2480 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 1.190



Date: 2.MAR.2018 13:32:25

Occupied Bandwidth

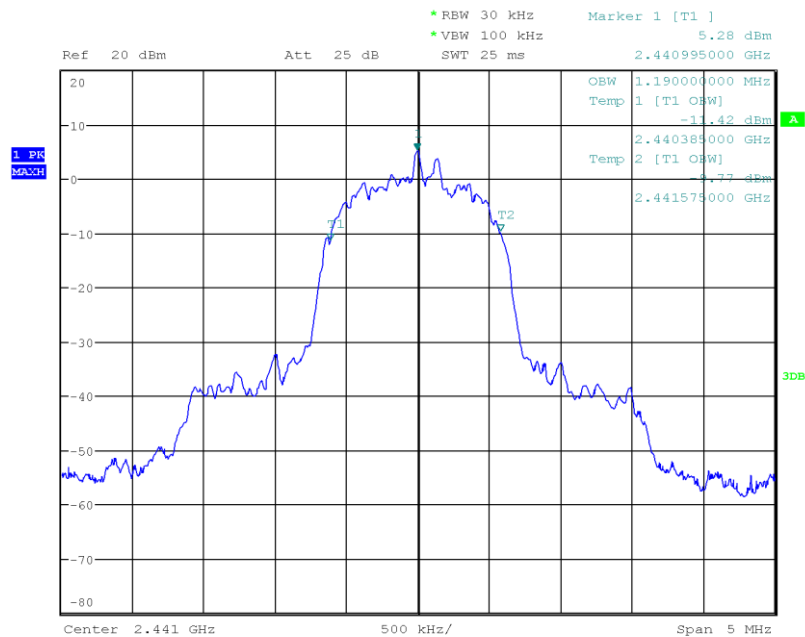
Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: 3-DH5, Channel: 0, 2402 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 1.185



Date: 2.MAR.2018 13:29:44

Occupied Bandwidth

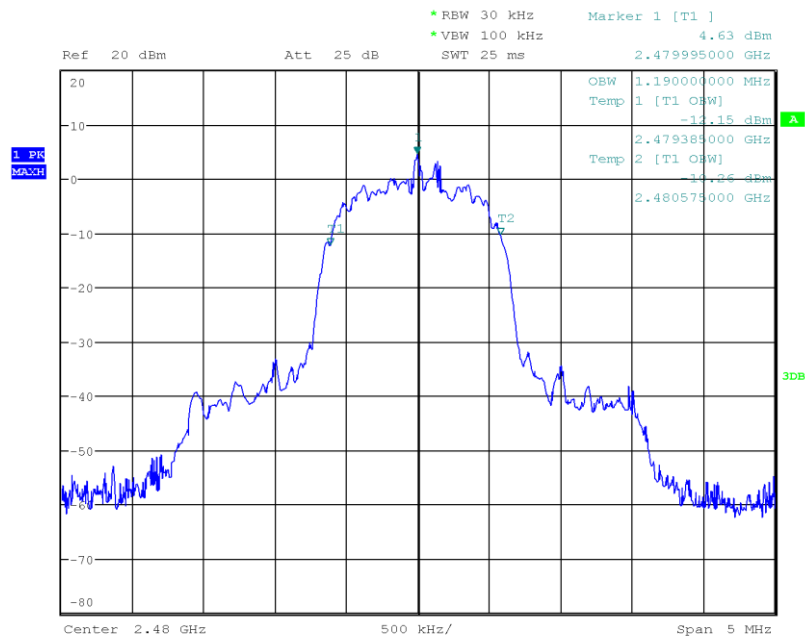
Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: 3-DH5, Channel: 39, 2441 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 1.190



Date: 2.MAR.2018 13:19:36

Occupied Bandwidth

Project Number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 Model Description: Laser Distance Meter
 Model: Leica BLK3D
 Test Sample ID: 17403
 Reference Standards: FCC 15.247, RSS-247
 Reference Method: ANSI C63.10:2013, Section 6.9.3
 Operational Mode: 3-DH5, Channel: 78, 2480 MHz
 Operating Conditions: Tnom/Vnom
 Operator: Abdullah Al Jamal
 Test Site: Eurofins Product Service GmbH
 Test Date: 2018-03-02
 Note: BT
 Occupied Bandwidth [MHz]: 1.195



Date: 2.MAR.2018 13:33:28

3.2 Test Conditions and Results - AC powerline conducted emissions

3.2.1 Information

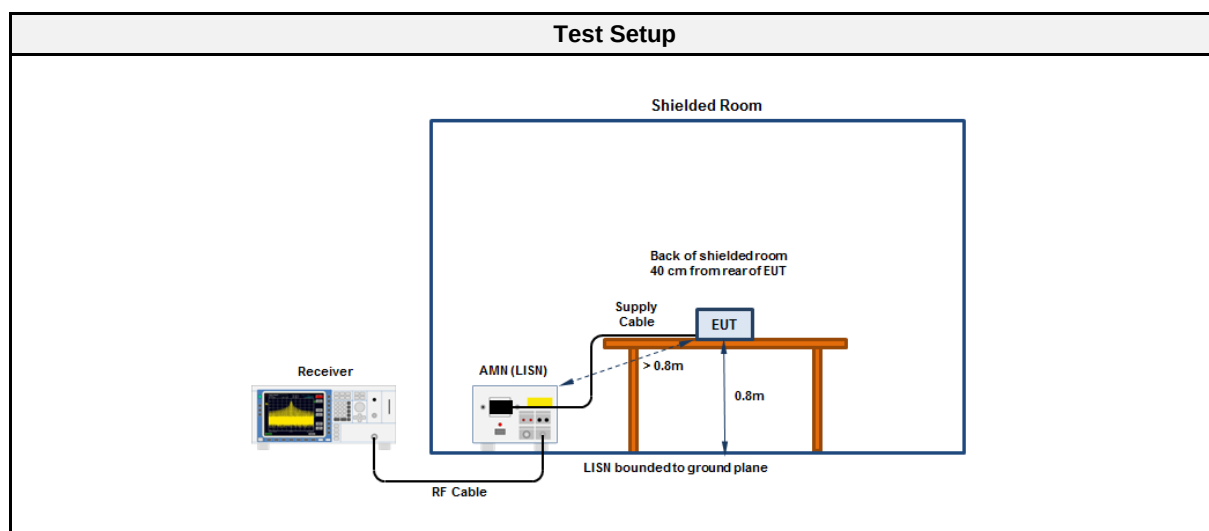
Test Information	
Reference	FCC 15.207
Measurement Method	ANSI C63.10 6.2
Operator	Abdullah Al Jamal
Date	2018-03-05

3.2.2 Limits

Limits		
Frequency [MHz]	Quasi-Peak [dBμV]	Average [dBμV]
0.15 - 0.5	66 - 56*	56 - 46*
0.5 - 5	56	46
5 - 30	60	50

* Limit decreases linearly with the logarithm of the frequency

3.2.3 Setup



3.2.4 Equipment

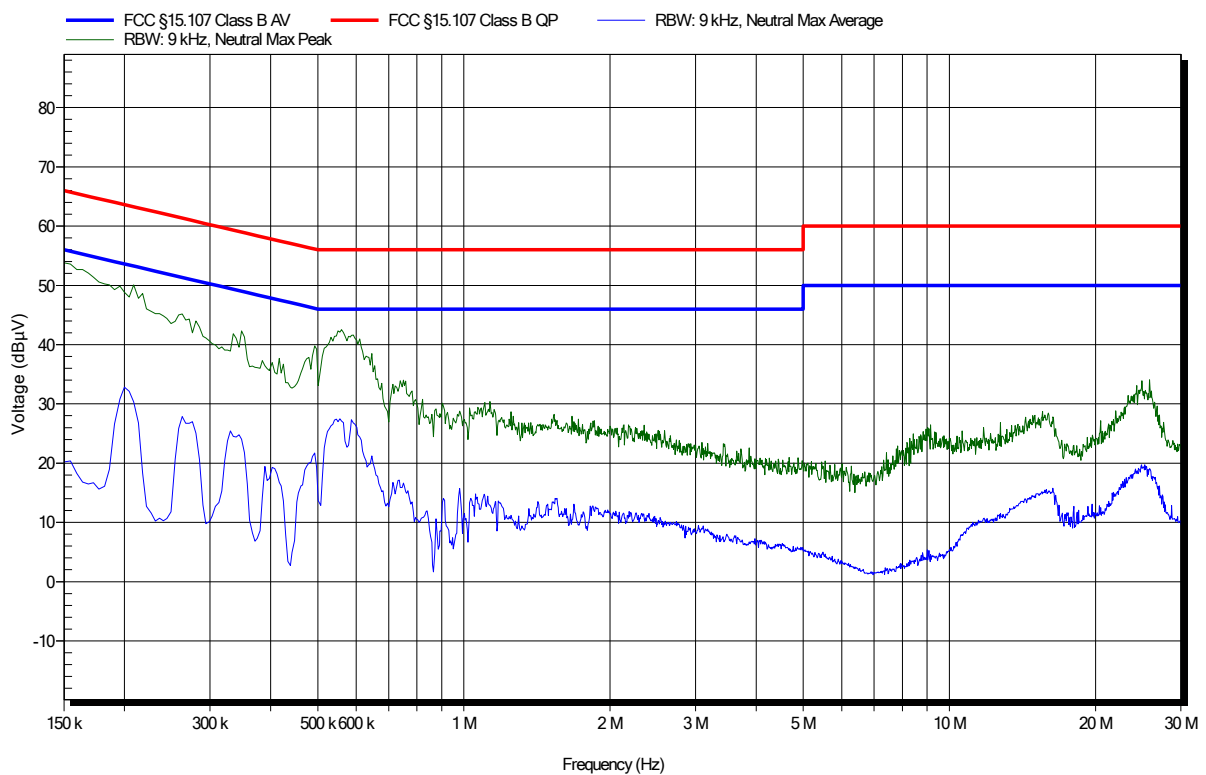
Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
EMI Test Receiver	R&S	ESCS 30	EF00295	2017-07	2018-07
LISN	R&S	ESH2-Z5	EF00182	2017-01	2019-01

EMI voltage test in the ac-mains according to FCC 15.207

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 21.8°C, Unom: 3.8 VDC (rechargeable battery pack Li-Ion)
LISN: ESH2-Z5 N
Mode: BT/LE, WLAN
Test Date: 2018-03-05
Note:

Index 1

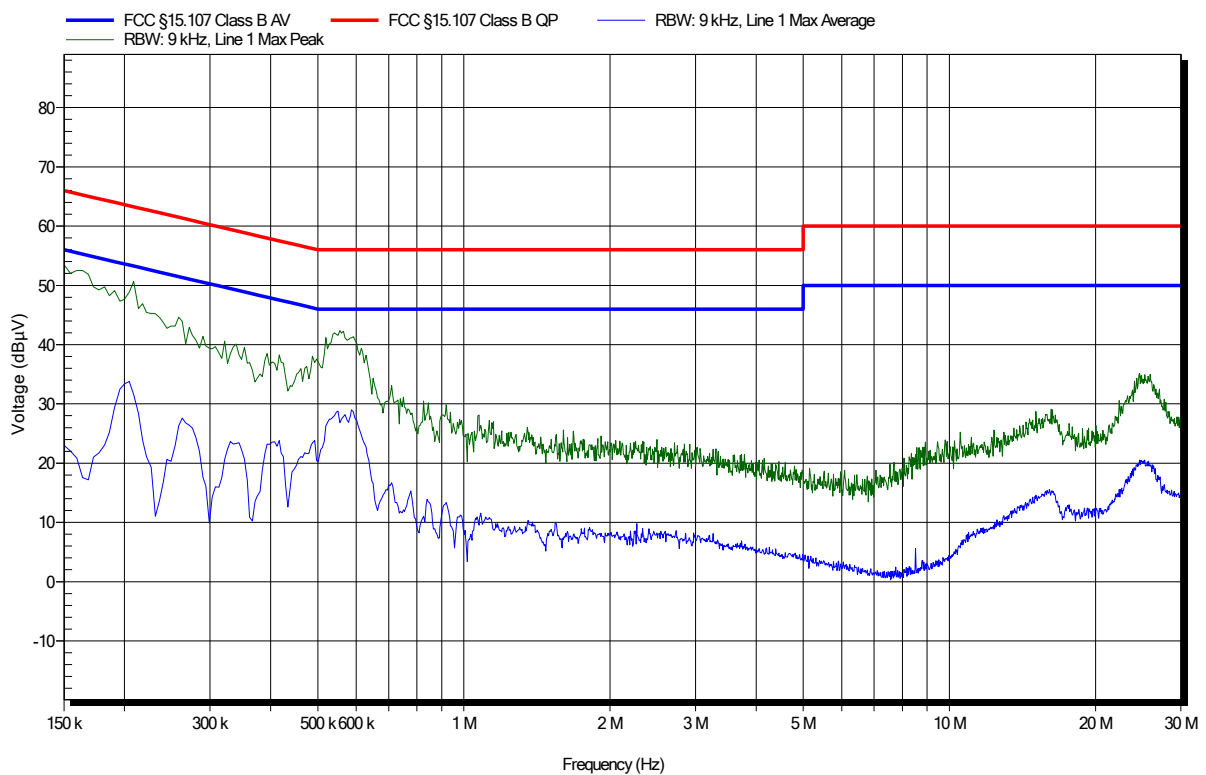


EMI voltage test in the ac-mains according to FCC 15.207

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 21.8°C, Unom: 3.8 VDC (rechargeable battery pack Li-Ion)
LISN: ESH2-Z5 L
Mode: BT/LE, WLAN
Test Date: 2018-03-05
Note:

Index 2



3.3 Test Conditions and Results - Transmitter radiated emissions

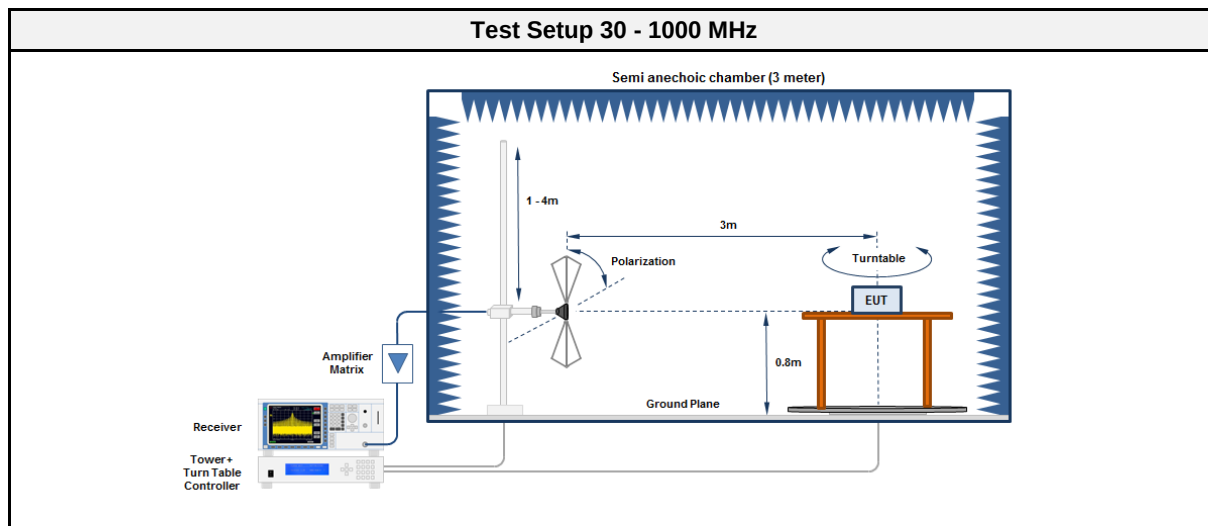
3.3.1 Information

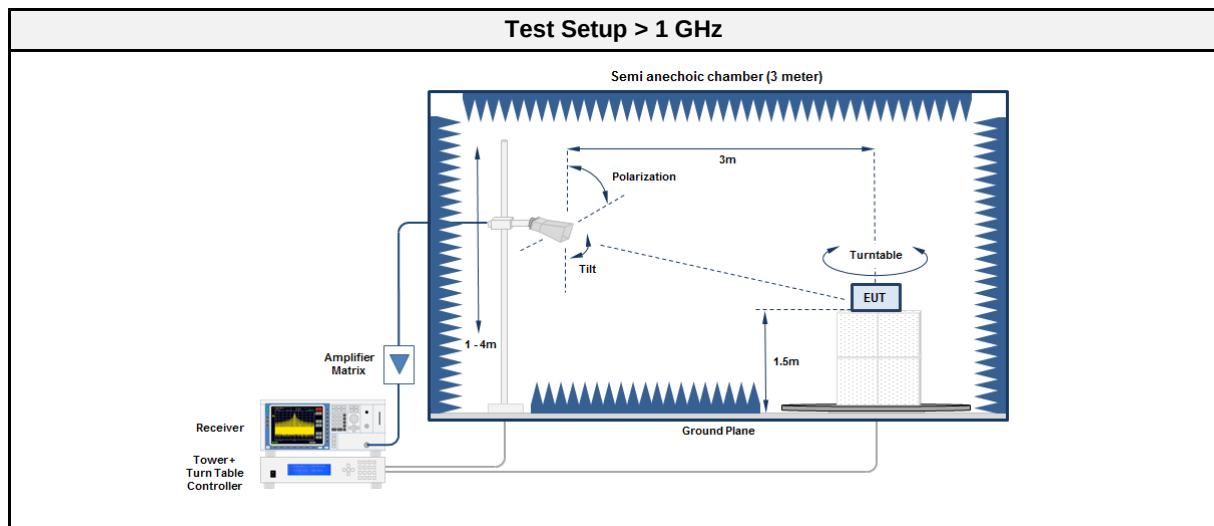
Test Information	
Reference	FCC 15.247(d) / ISSED RSS-GEN 8.9
Measurement Method	ANSI C63.10 6.4, 6.5, 6.6
Operator	Abdullah Al Jamal
Date	2018-02-24

3.3.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [dB μ V/m]	Measurement distance [m]
0.009 - 0.09	Average	2400/F[kHz]	300
0.09 - 0.110	Quasi-Peak	2400/F[kHz]	300
0.110 - 0.490	Average	2400/F[kHz]	300
0.490 - 1.705	Quasi-Peak	24000/F[kHz]	30
1.705 - 30.0	Quasi-Peak	30	30
30 - 88	Quasi-Peak	100	3
88 - 216	Quasi-Peak	150	3
216 - 960	Quasi-Peak	200	3
960 - 1000	Quasi-Peak	500	3
>1000	Average	500	3

3.3.3 Setup





3.3.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC6	EF00910	2017-03	2020-03
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Antenna	R&S	VULB 9162	EF00978	2016-11	2019-11

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC6	EF00910	2017-03	2020-03
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Antenna	R&S	BBHA 9120D	EF01153	2017-08	2018-08
Antenna	Amplifier Research	AT4560	EF01152	2017-10	2018-10

3.3.5 Procedure

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

Test Procedure > 1 GHz	
1.	EUT is placed on a non conducting support at the center of a turn table 1.5 m above the ground
2.	EUT set to test mode
3.	The receiver is set to peak detection with max hold
4.	The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5.	All significant emissions are measured again using the corresponding final detector

3.3.6 Results

Test Results - DH5						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
2402	982.14	37.20	pk	hor	54.00	-16.80
2480	987.48	37.10	pk	ver	54.00	-16.90
2480	2484	60.83	pk	ver	74.00	-13.17
2480	2484	52.38	avg	ver	54.00	-01.62

Test Results - 2-DH5						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
No emissions measured.						

Test Results - 3-DH5						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
No emissions measured.						

3.4 Test Conditions and Results - Receiver radiated emissions

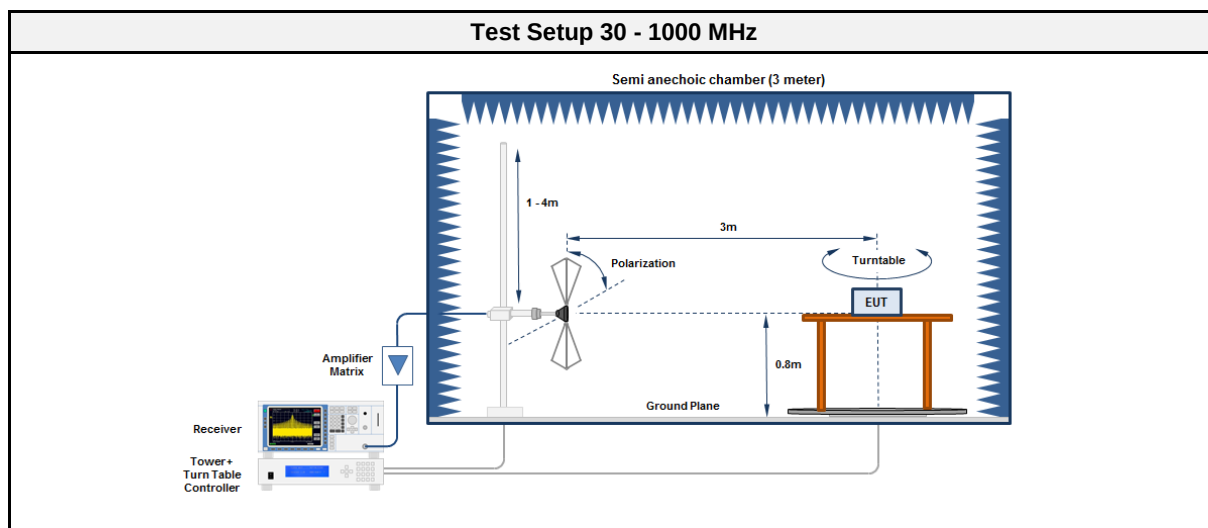
3.4.1 Information

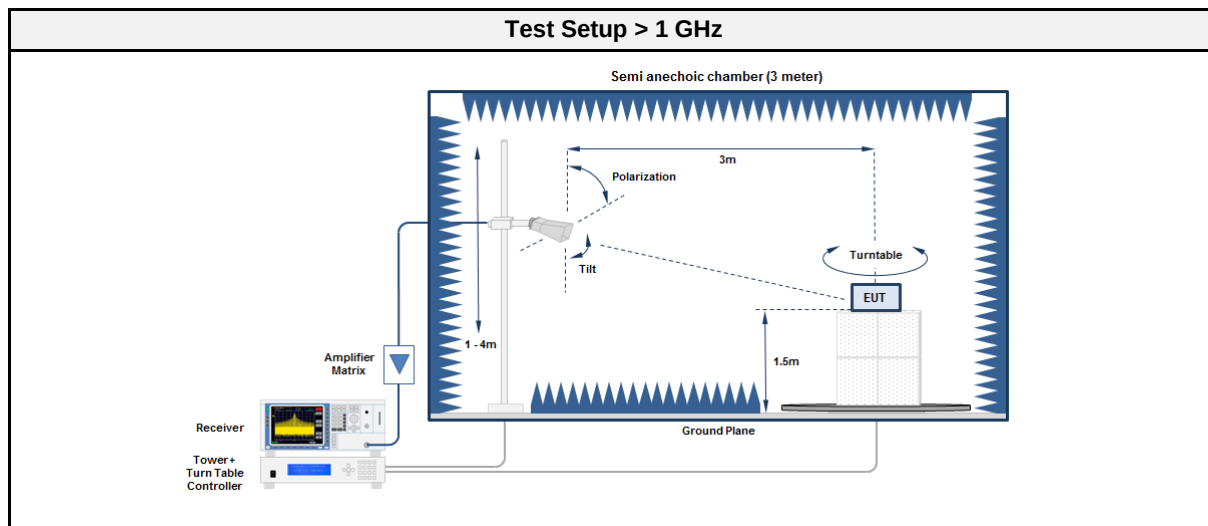
Test Information	
Reference	ISED RSS-247 3.1
Measurement Method	ANSI C63.10 6.5, 6.6
Operator	Abdullah Al Jamal
Date	2018-02-27

3.4.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [dB μ V/m]	Measurement distance [m]
30 - 88	Quasi-Peak	100	3
88 - 216	Quasi-Peak	150	3
216 - 960	Quasi-Peak	200	3
960 - 1000	Quasi-Peak	500	3
>1000	Average	500	3

3.4.3 Setup





3.4.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC6	EF00910	2017-03	2020-03
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Measurement Receiver	Agilent	N9038A-526/WXP	EF01070	2017-08	2018-08
Antenna	R&S	VULB 9162	EF00978	2016-11	2019-11

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC6	EF00910	2017-03	2020-03
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Antenna	R&S	BBHA 9120D	EF01153	2017-08	2018-08

3.4.5 Procedure

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

Test Procedure > 1 GHz	
1.	EUT is placed on a non conducting support at the center of a turn table 1.5 m above the ground
2.	EUT set to test mode
3.	The receiver is set to peak detection with max hold
4.	The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5.	All significant emissions are measured again using the corresponding final detector

3.4.6 Results

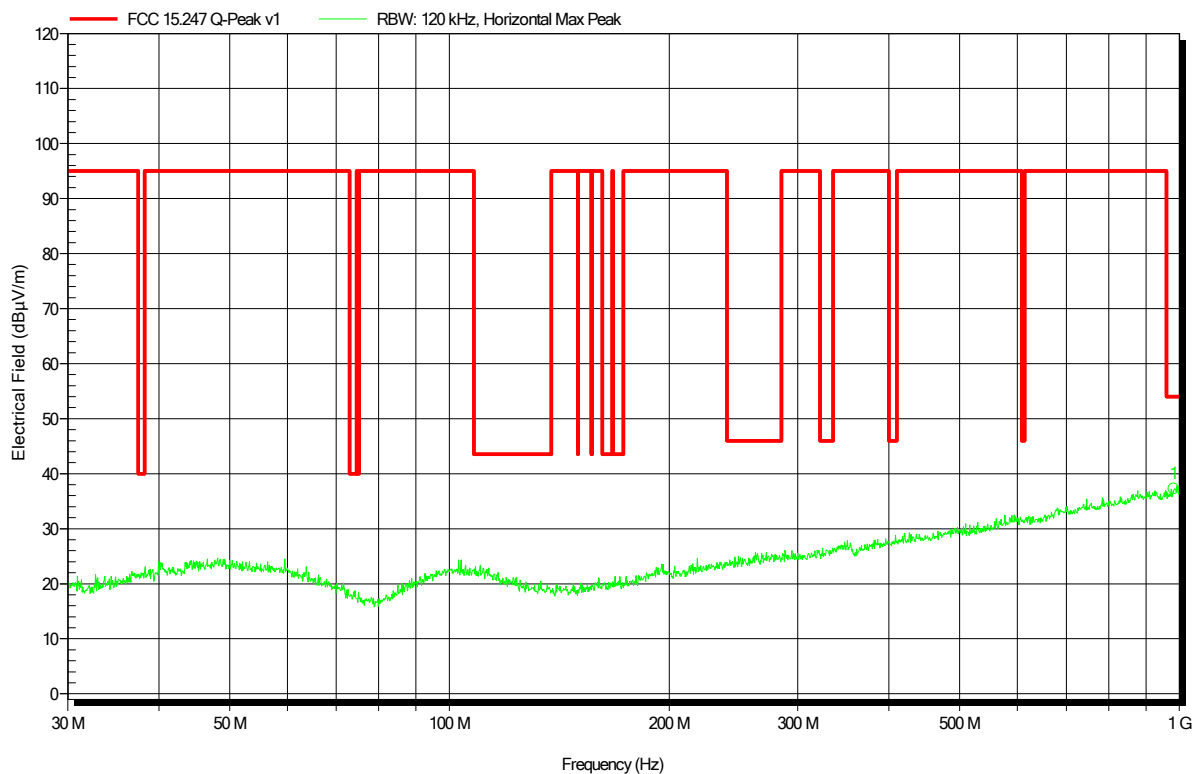
Test Results						
Channel [MHz]	Emission [MHz]	Level [dBμV/m]	Det.	Pol.	Limit [dBμV/m]	Margin [dB]
2441	894.6	37.20	pk	ver	46.00	-08.80
2441	958.08	37.00	pk	hor	46.00	-09.00
2441	3112	42.63	pk	ver	53.98	-11.35

ANNEX A Transmitter spurious emissions

Spurious emissions according to FCC 15.247

Project number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 22°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck VULB 9162, Horizontal
 Measurement distance: 3 m
 Mode: TX; BT; 2402 MHz
 Test Date: 2018-02-24
 Note:

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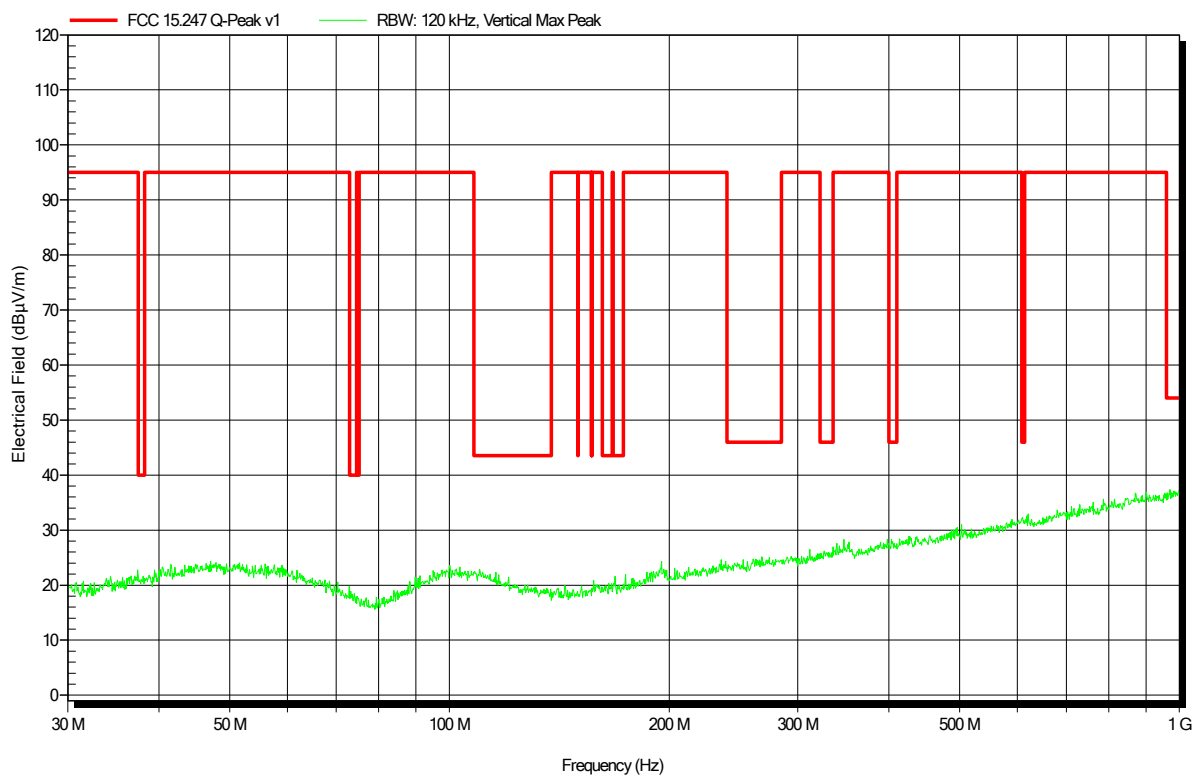
Frequency	Peak	Peak Limit	Peak Difference	Status
982.14 MHz	37.2 dBμV/m	54 dBμV/m	-16.8 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 22°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck VULB 9162, Vertical
Measurement distance: 3 m
Mode: TX; BT; 2402 MHz
Test Date: 2018-02-24
Note:

Index 11

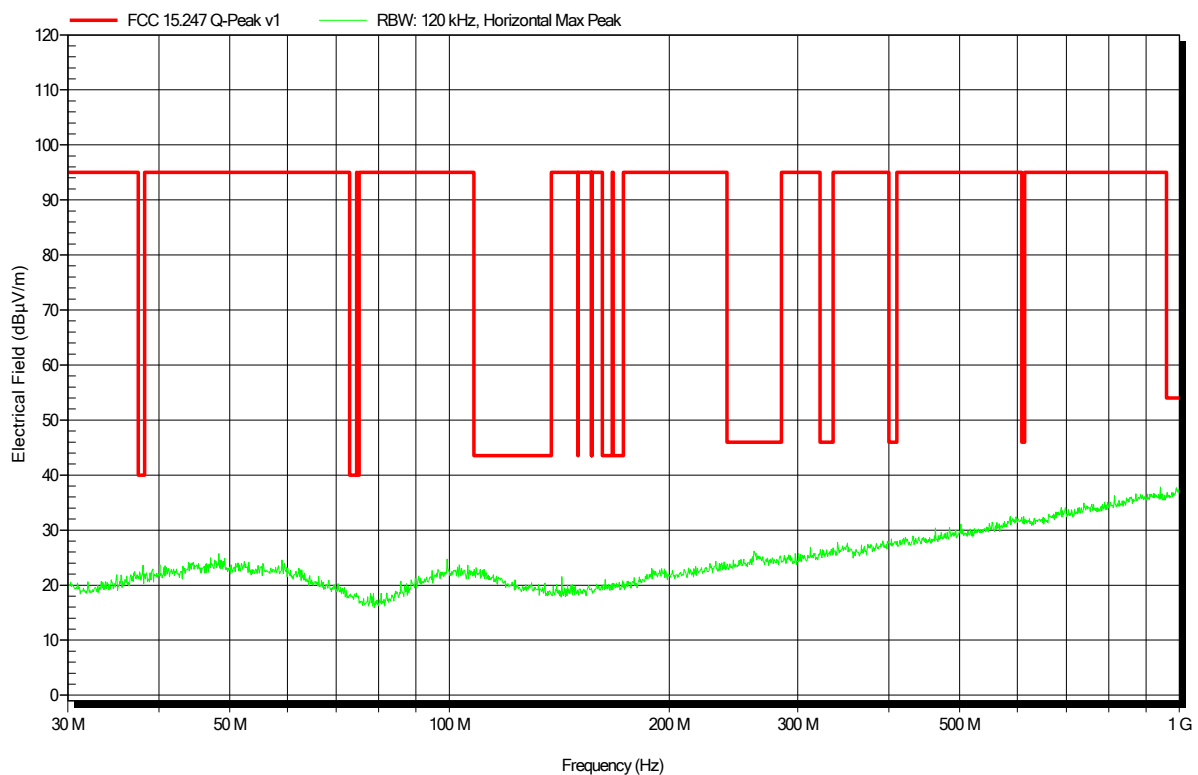


Spurious emissions according to FCC 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 22°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbek VULB 9162, Horizontal
Measurement distance: 3 m
Mode: TX; BT; 2441 MHz
Test Date: 2018-02-24
Note:

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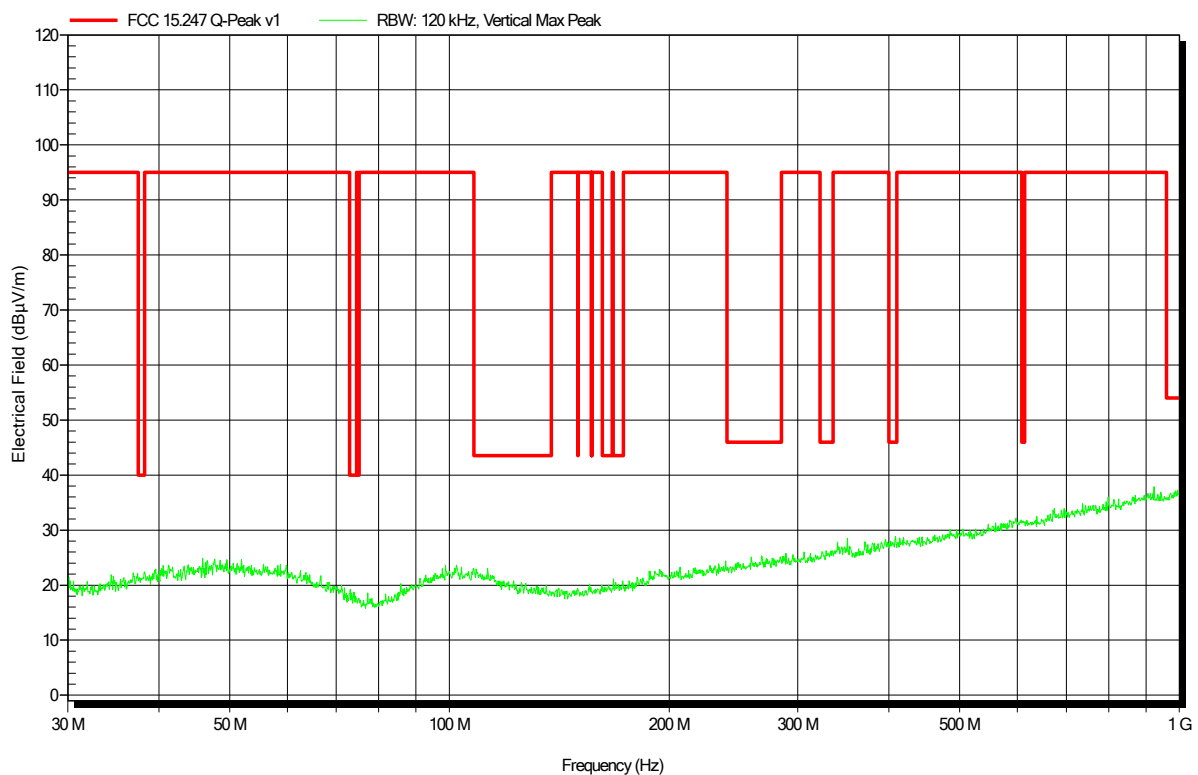


Spurious emissions according to FCC 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 22°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck VULB 9162, Vertical
Measurement distance: 3 m
Mode: TX; BT; 2441 MHz
Test Date: 2018-02-24
Note:

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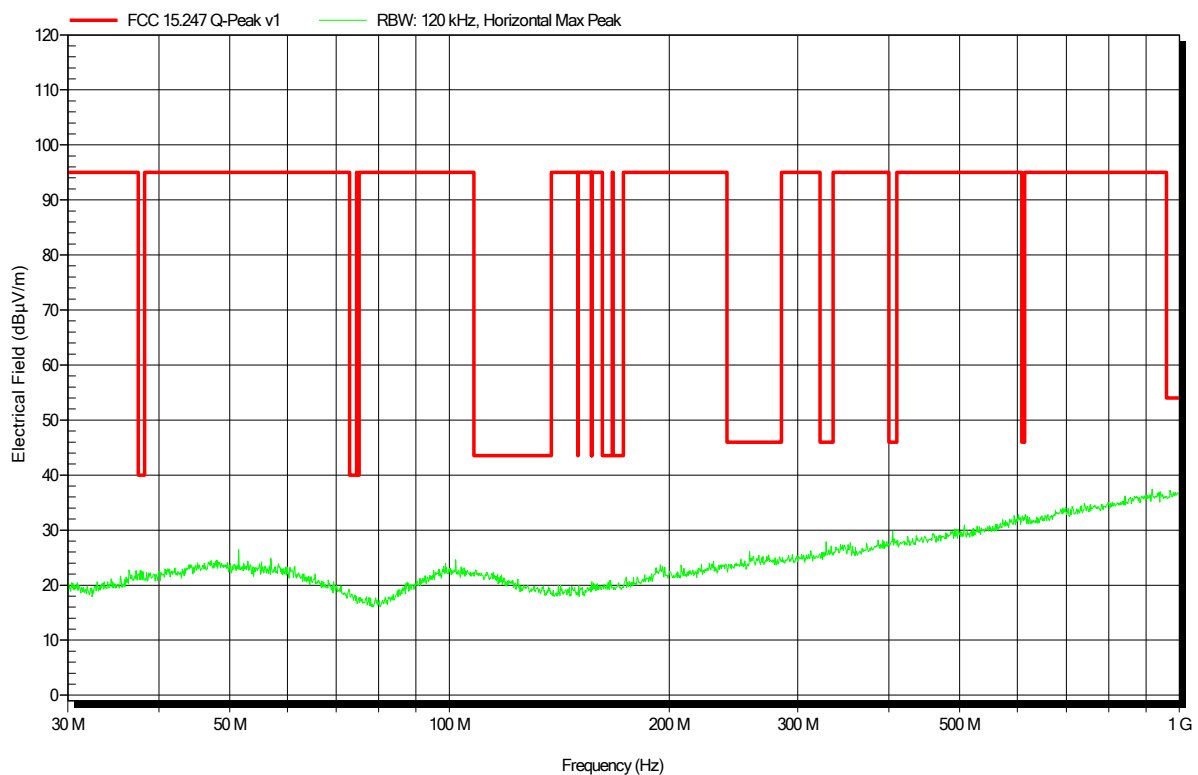


Spurious emissions according to FCC 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 22.3°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck VULB 9162, Horizontal
Measurement distance: 3 m
Mode: TX; BT; 2480 MHz
Test Date: 2018-02-24
Note:

Index 12

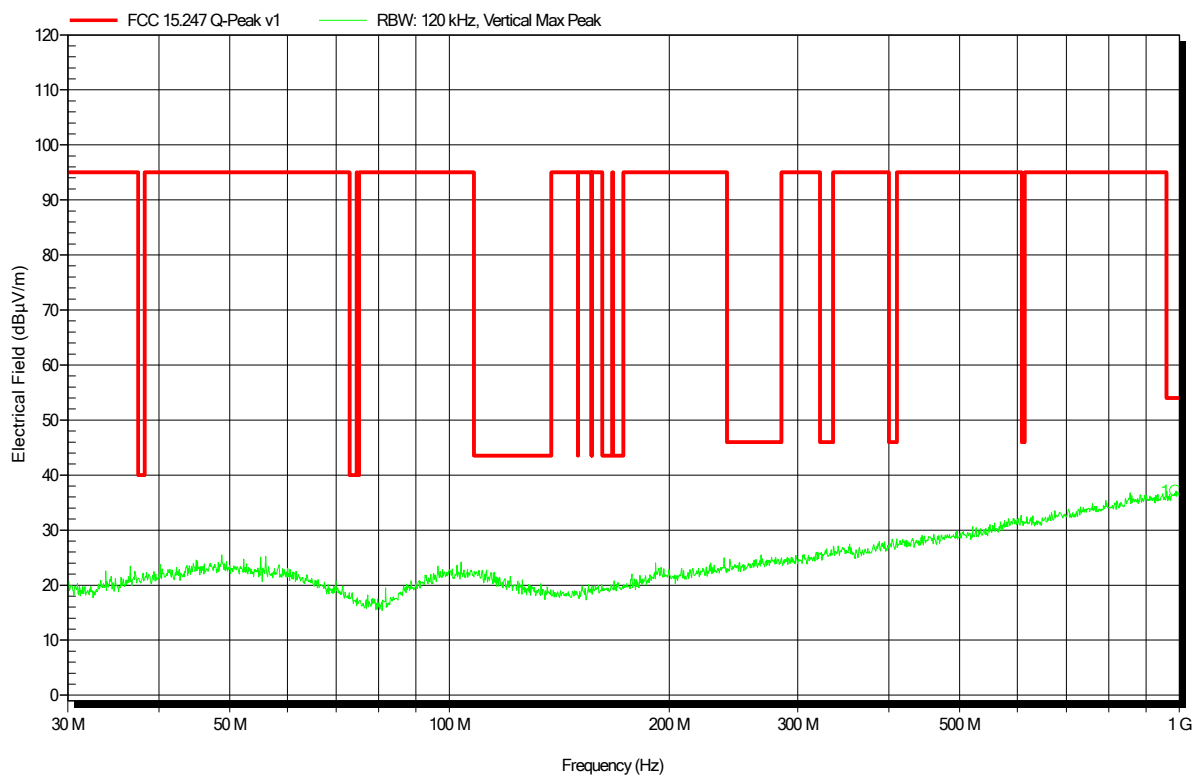


Spurious emissions according to FCC 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 22.3°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck VULB 9162, Vertical
 Measurement distance: 3 m
 Mode: TX; BT; 2480 MHz
 Test Date: 2018-02-24
 Note:

Index 13



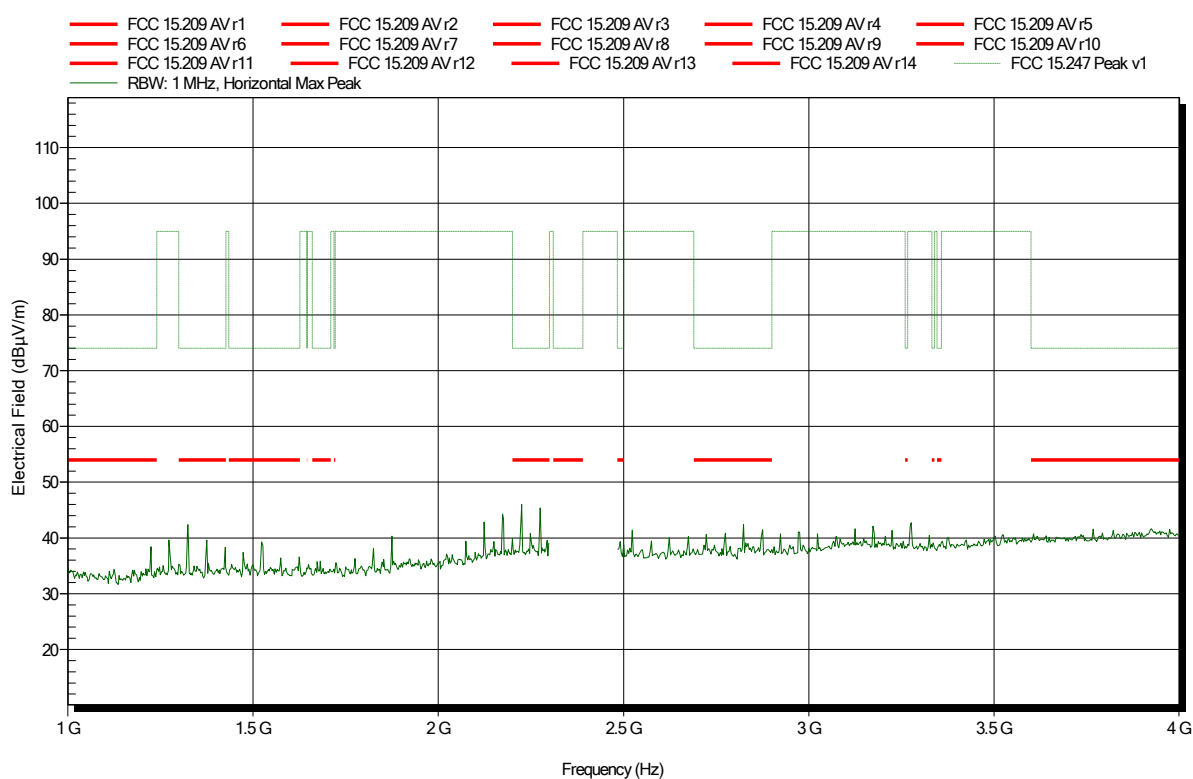
Frequency	Peak	Peak Limit	Peak Difference	Status
987.48 MHz	37.1 dBμV/m	54 dBμV/m	-16.9 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 3 m
Mode: TX; BT; 2402 MHz (1-DH5)
Test Date: 2018-02-27
Note:

Index 8

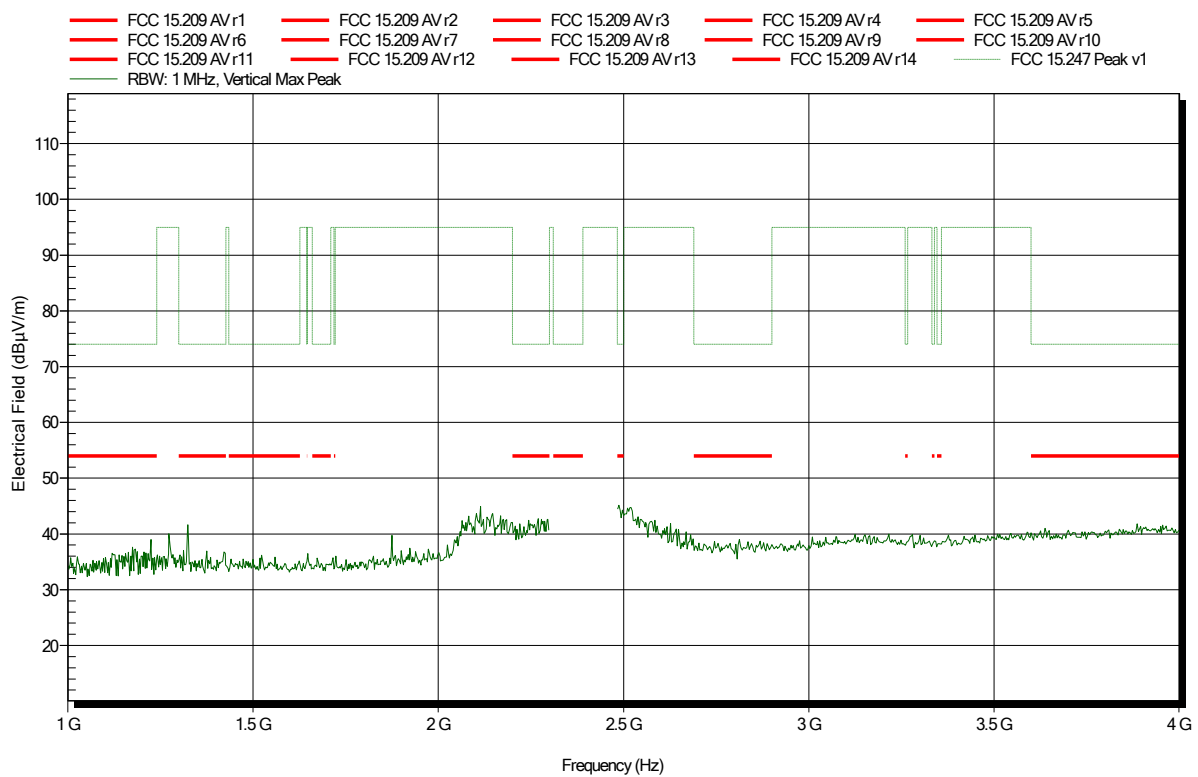


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: TX; BT; 2402 MHz (1-DH5)
 Test Date: 2018-02-27
 Note:

Index 12

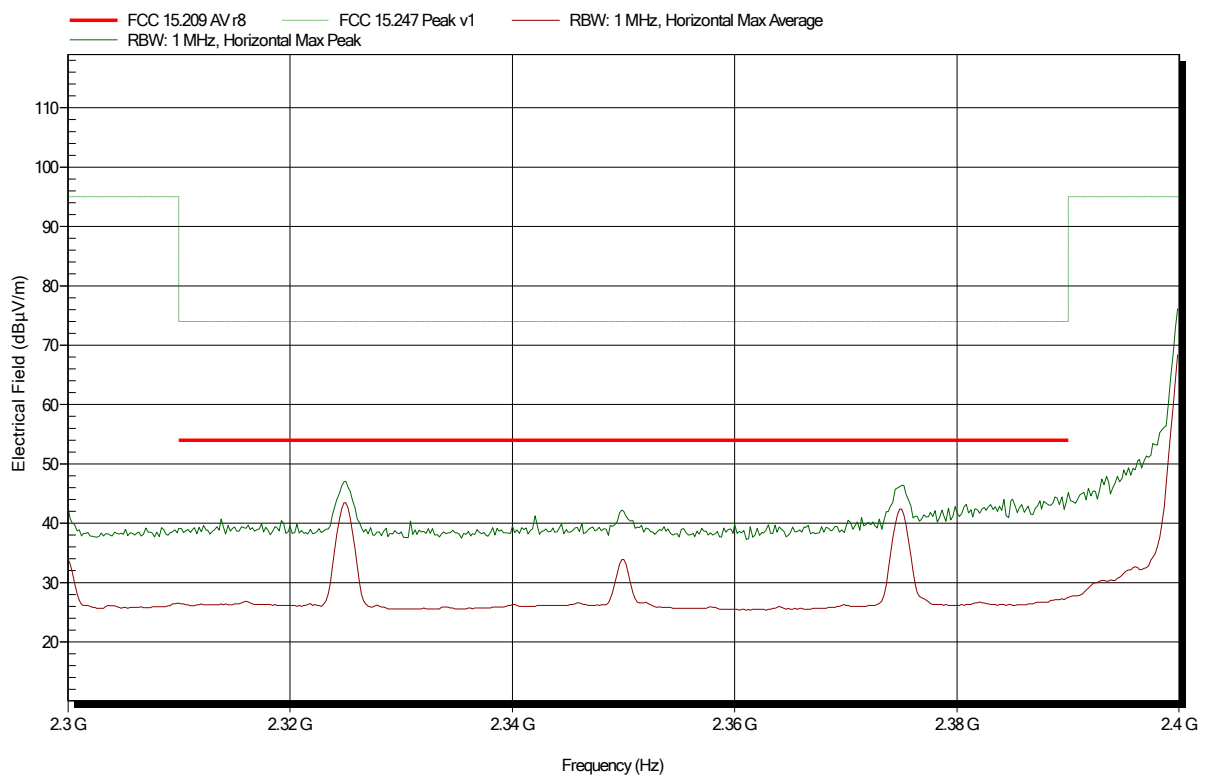


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 3 m
Mode: TX; BT; 2402 MHz (1-DH5)
Test Date: 2018-02-27
Note: lower bandedge

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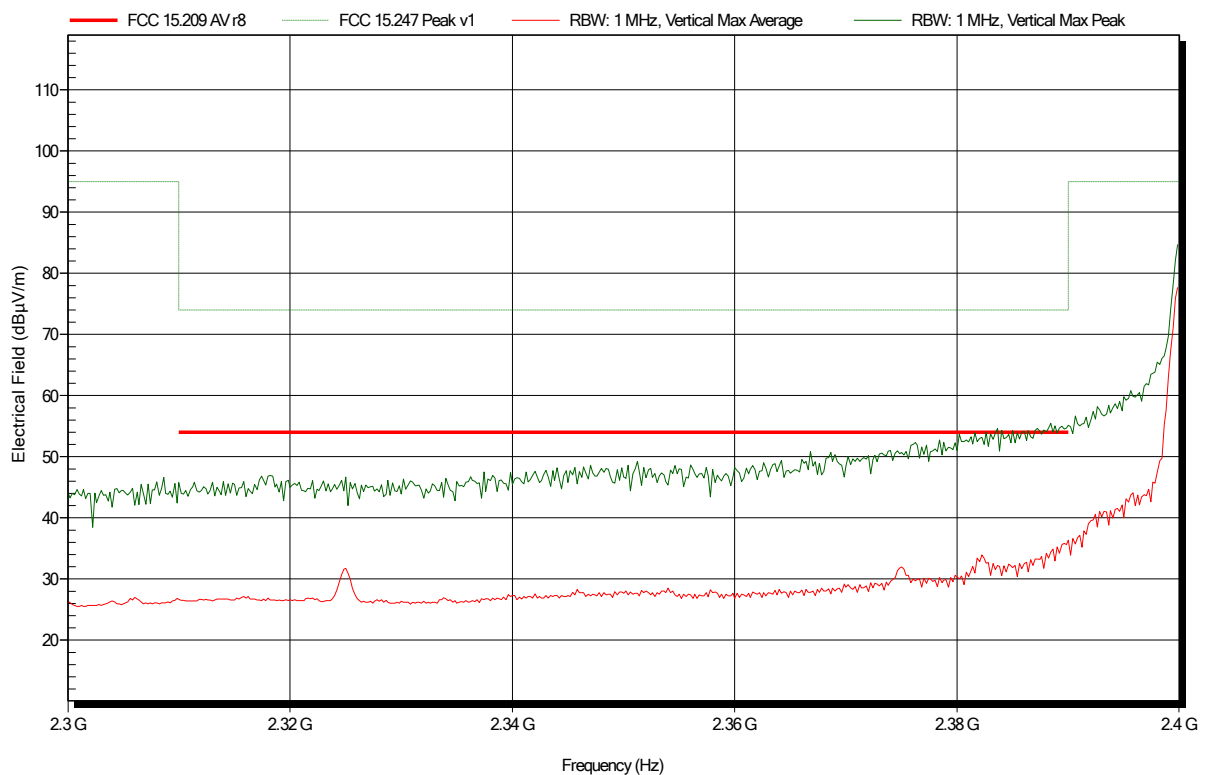


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 3 m
Mode: TX; BT; 2402 MHz (1-DH5)
Test Date: 2018-02-27
Note: lower bandedge

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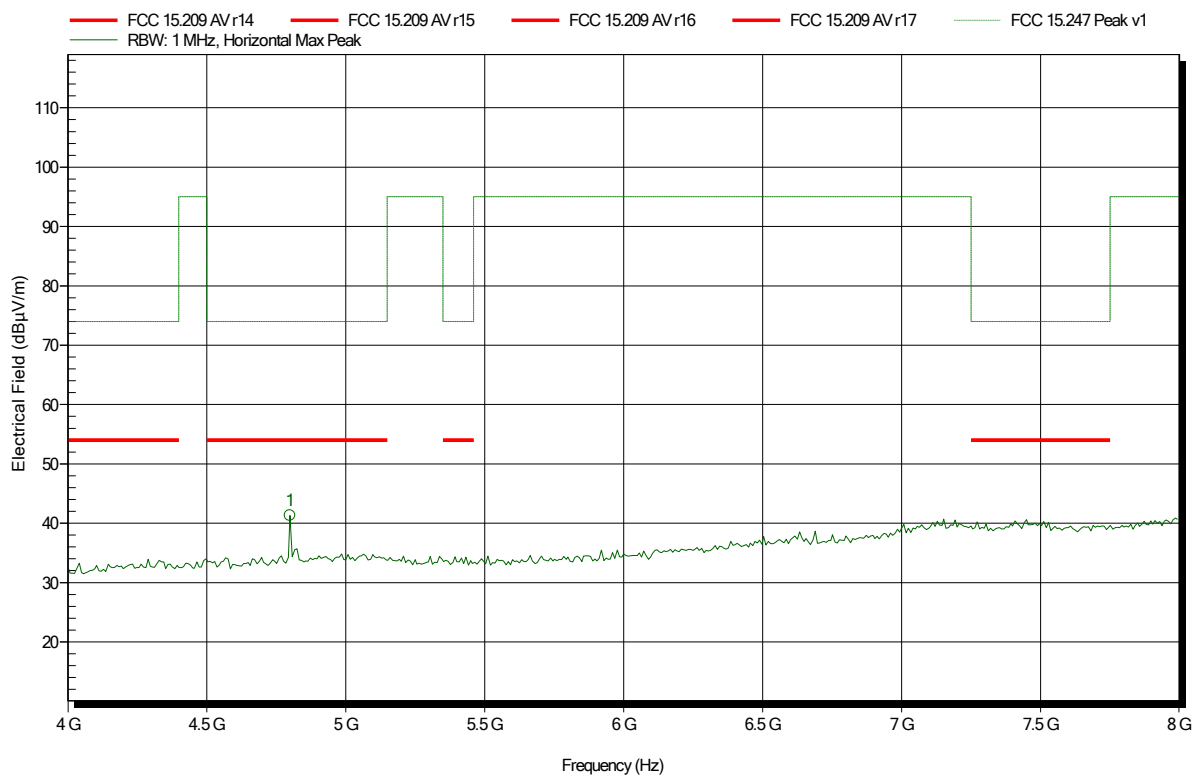


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT; 2402 MHz (1-DH5)
 Test Date: 2018-02-27
 Note:

Index 9



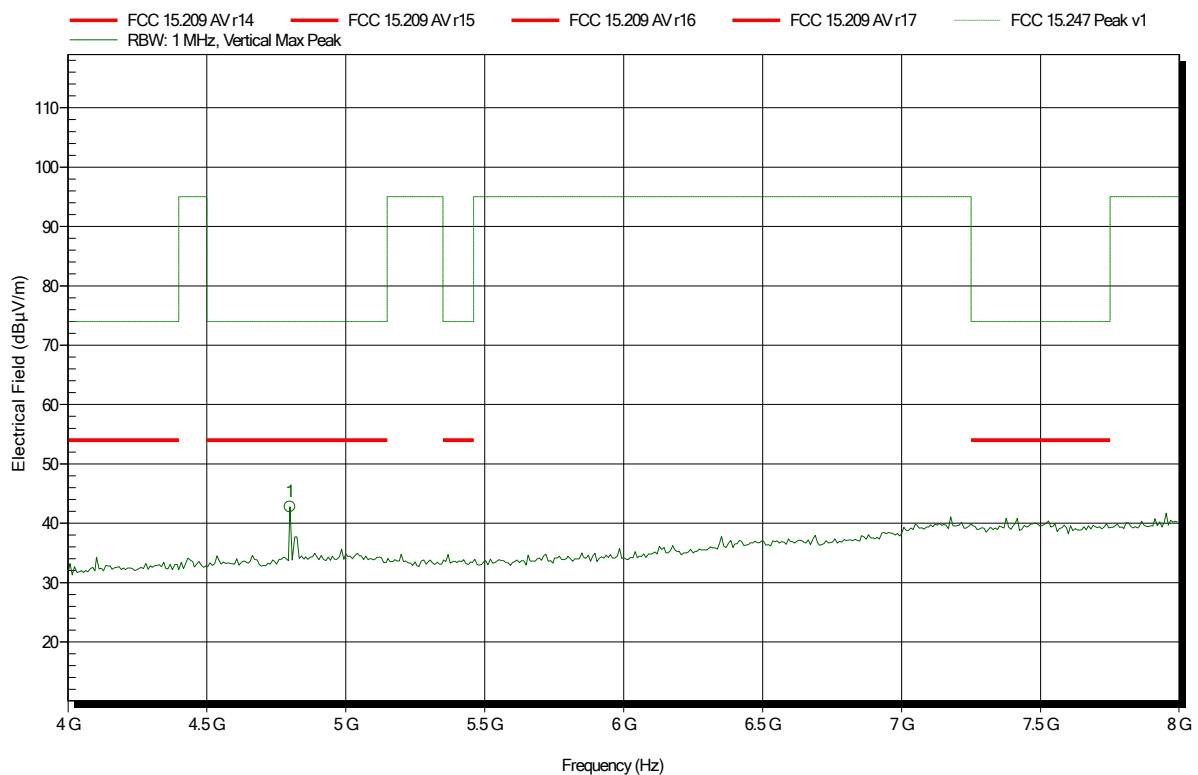
Frequency	Peak	Peak Limit	Peak Difference	Status
4.8 GHz	41.31 dBµV/m	74 dBµV/m	-32.69 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT; 2402 MHz (1-DH5)
 Test Date: 2018-02-27
 Note:

Index 13



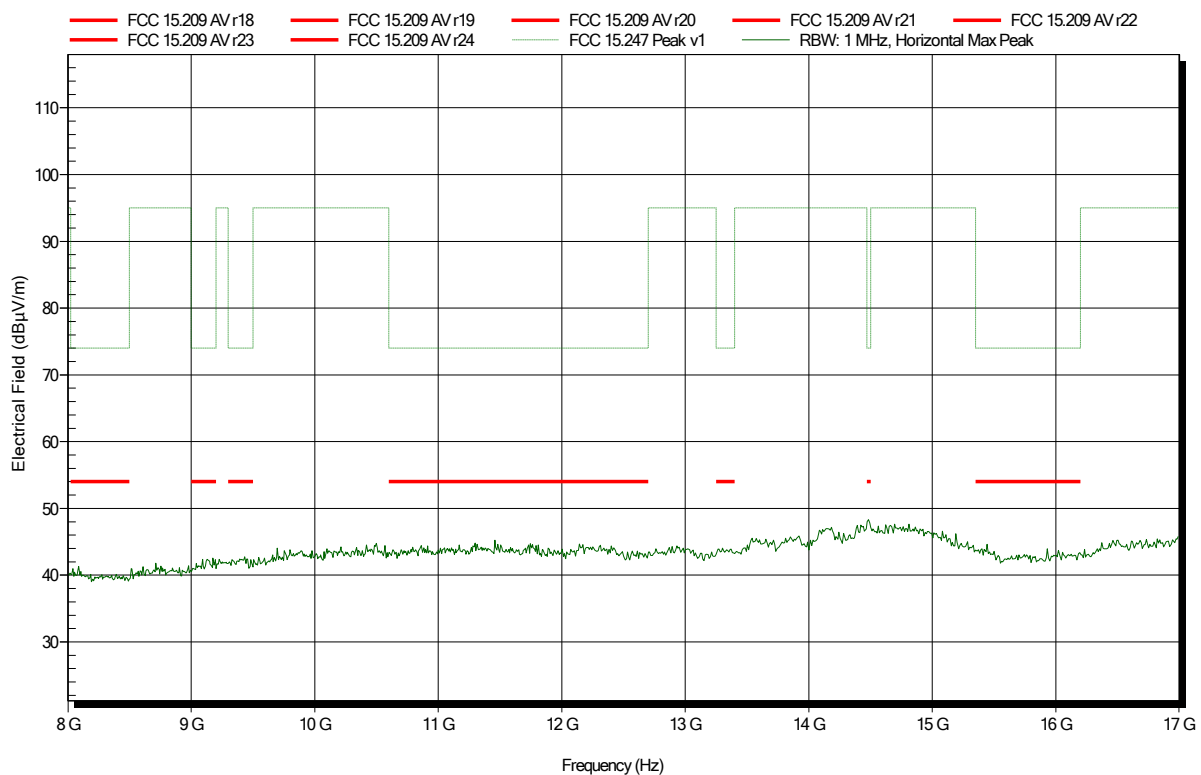
Frequency	Peak	Peak Limit	Peak Difference	Status
4.8 GHz	42.78 dBμV/m	74 dBμV/m	-31.22 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2402 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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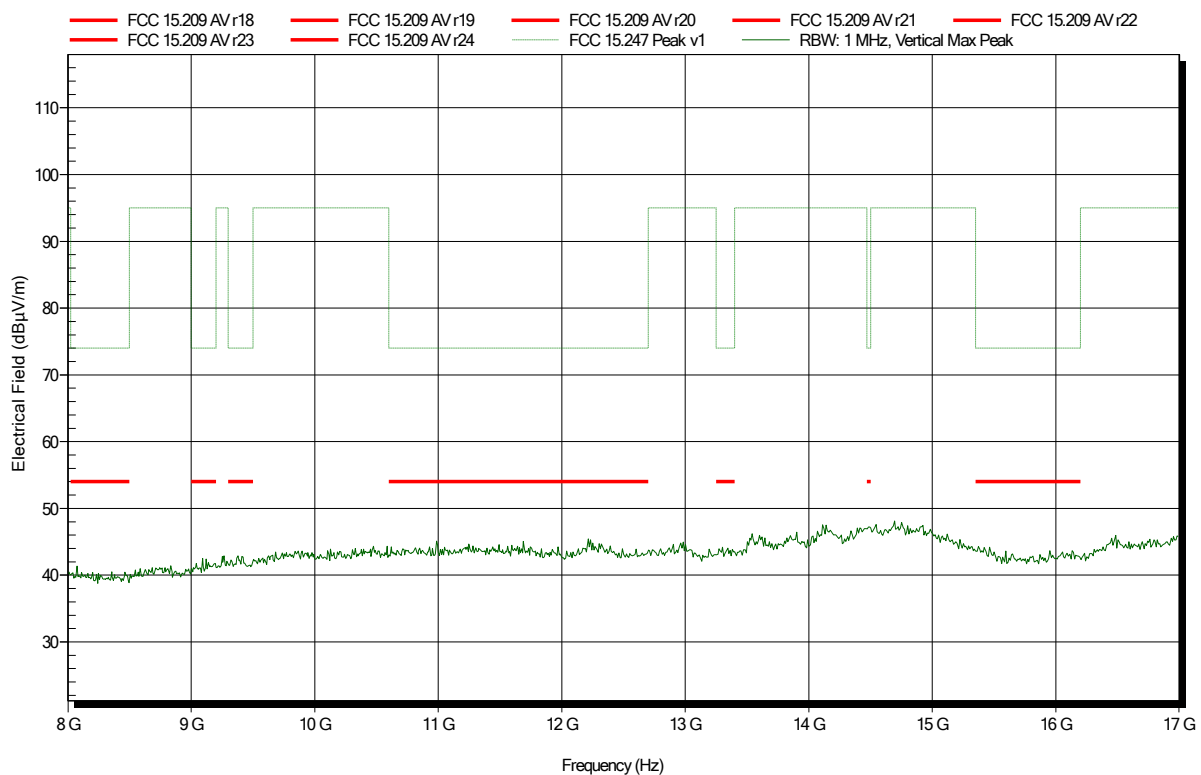


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2402 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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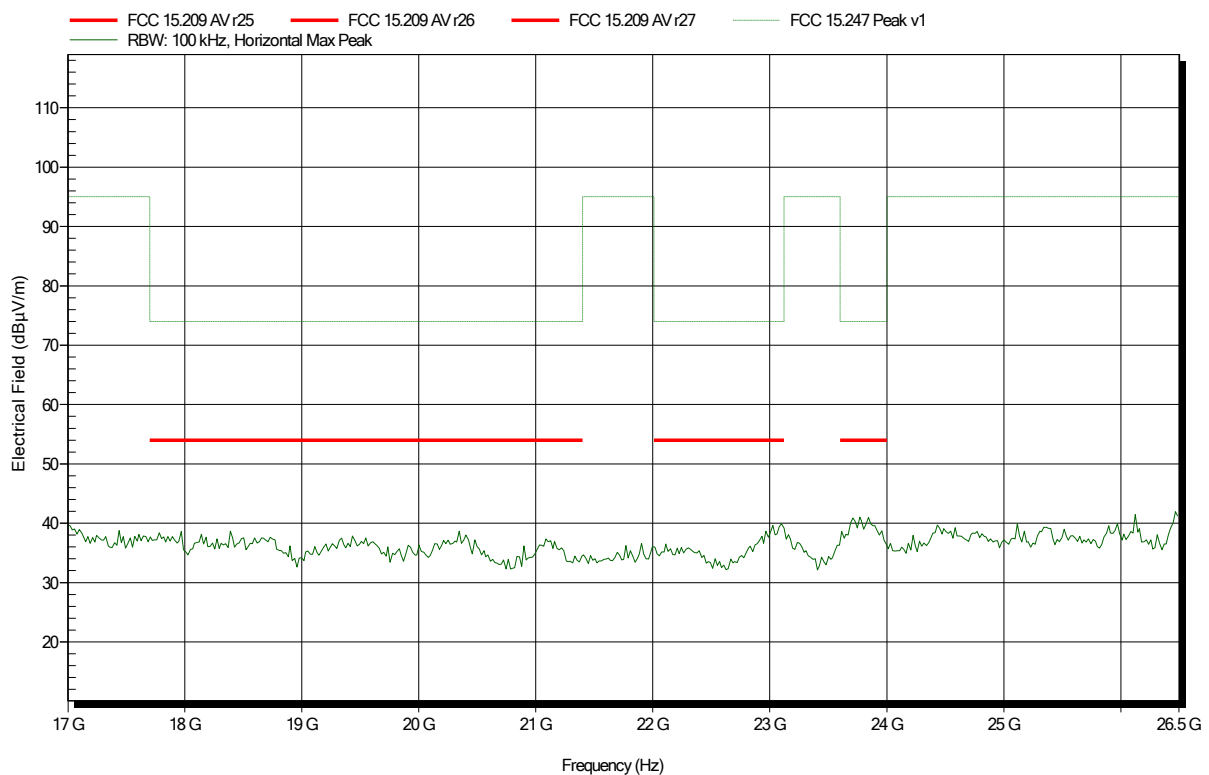


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: ATH18G40, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2402 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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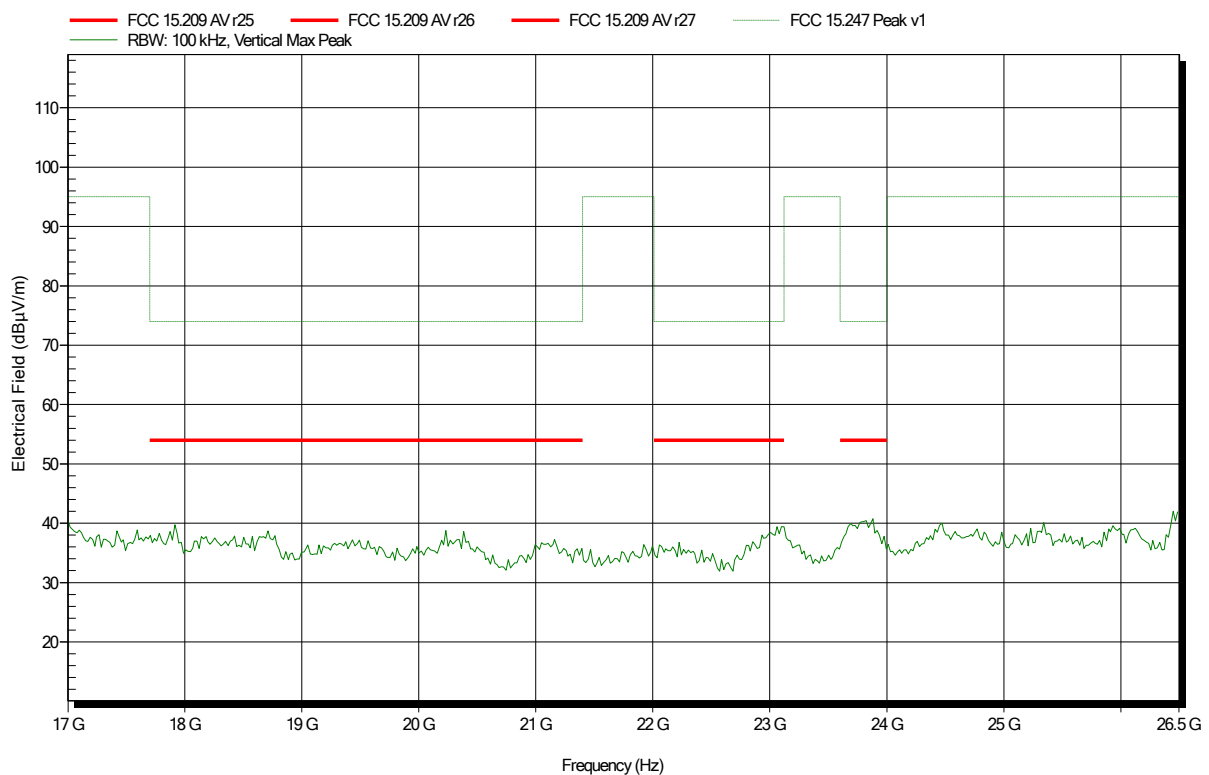


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: ATH18G40, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2402 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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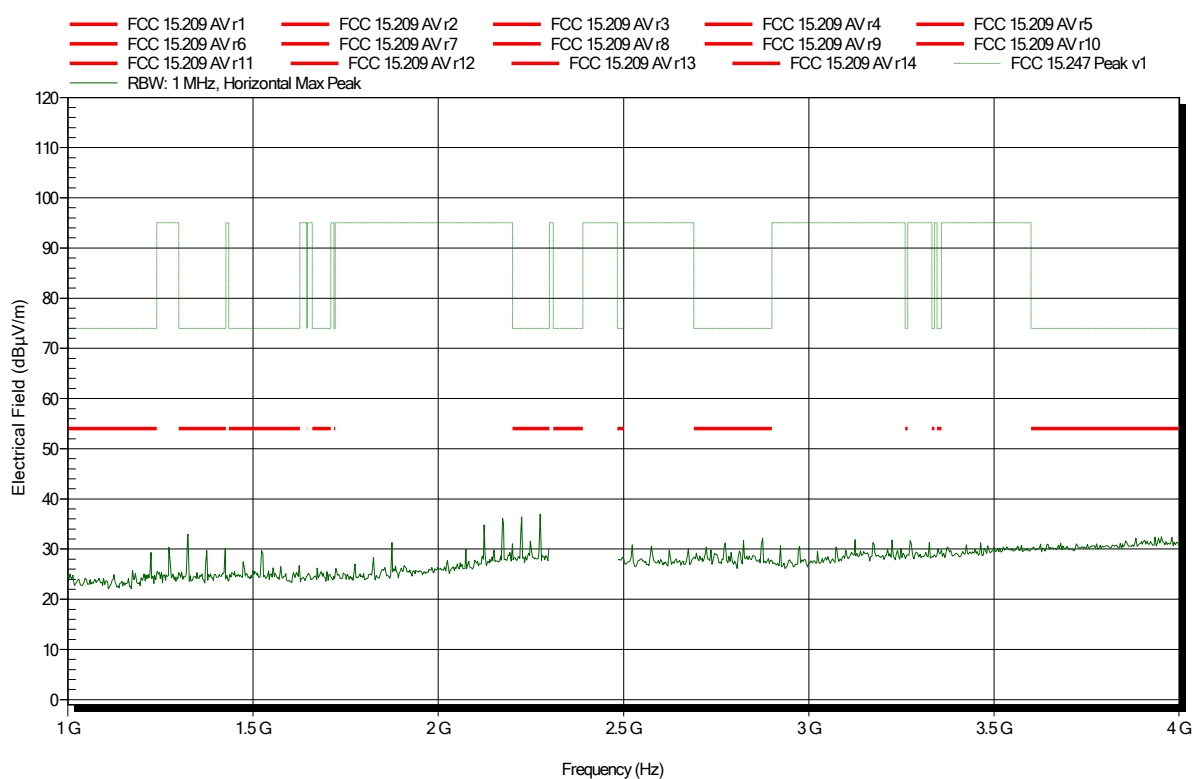


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: TX; BT; 2402 MHz (2-DH5)
 Test Date: 2018-03-08
 Note:

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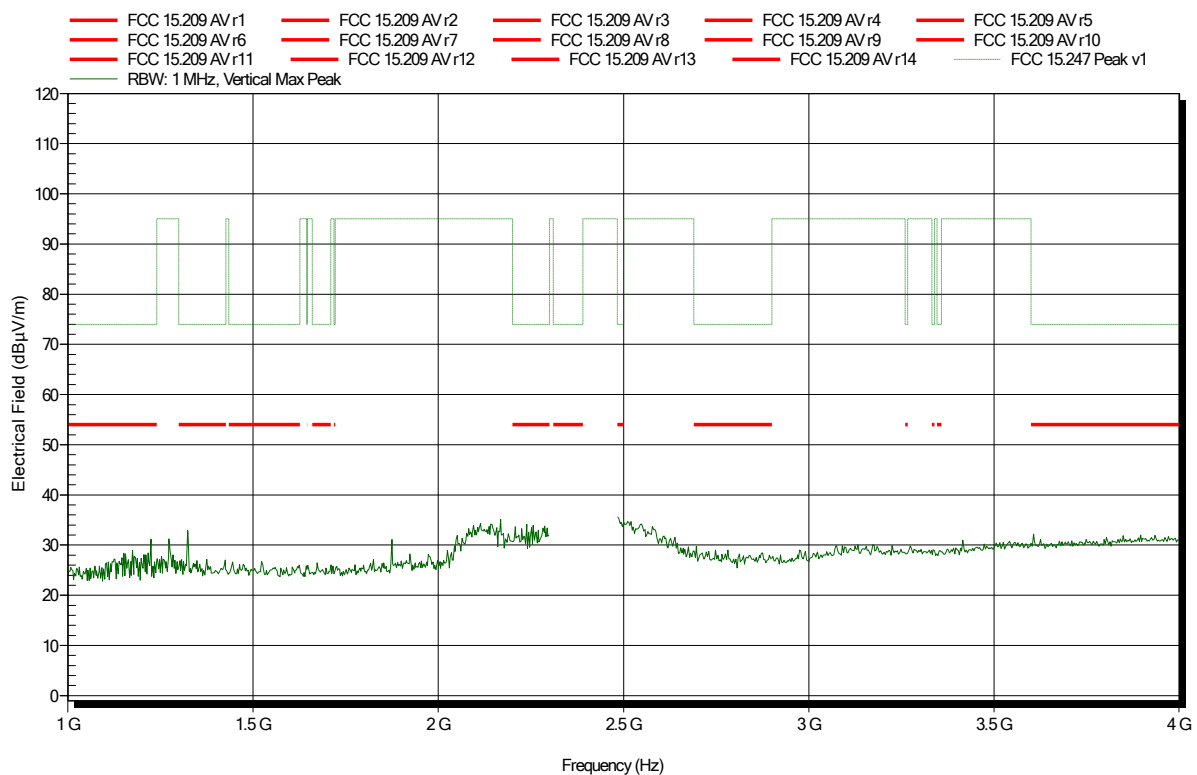


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m
Mode: TX; BT; 2402 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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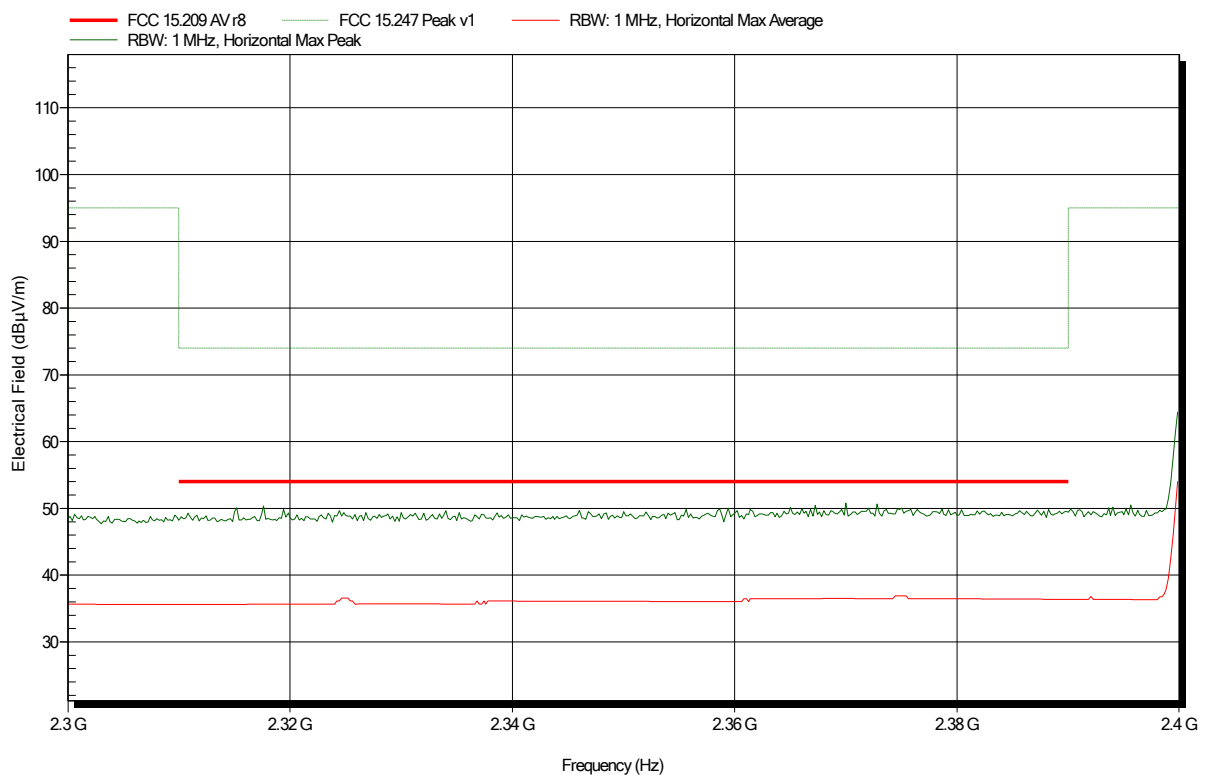


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m
Mode: TX; BT; 2402 MHz (2-DH5)
Test Date: 2018-03-08
Note: lower bandedge

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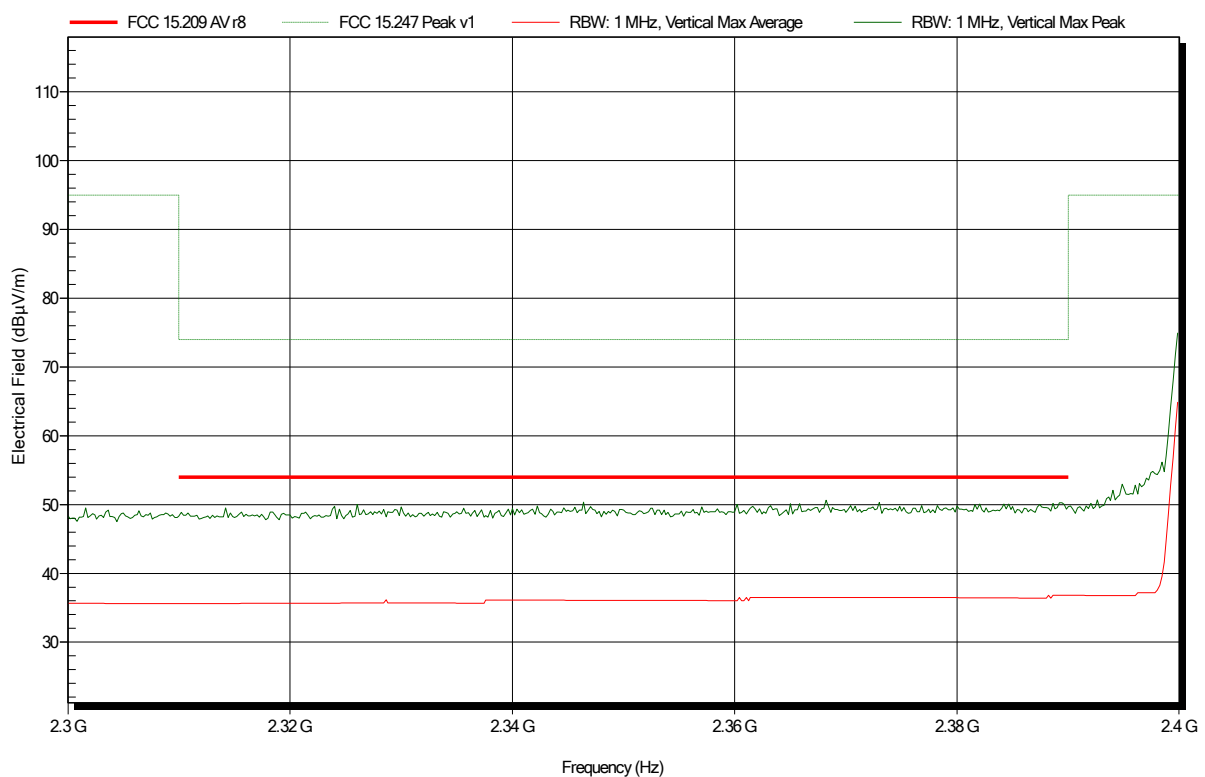


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m
Mode: TX; BT; 2402 MHz (2-DH5)
Test Date: 2018-03-08
Note: lower bandedge

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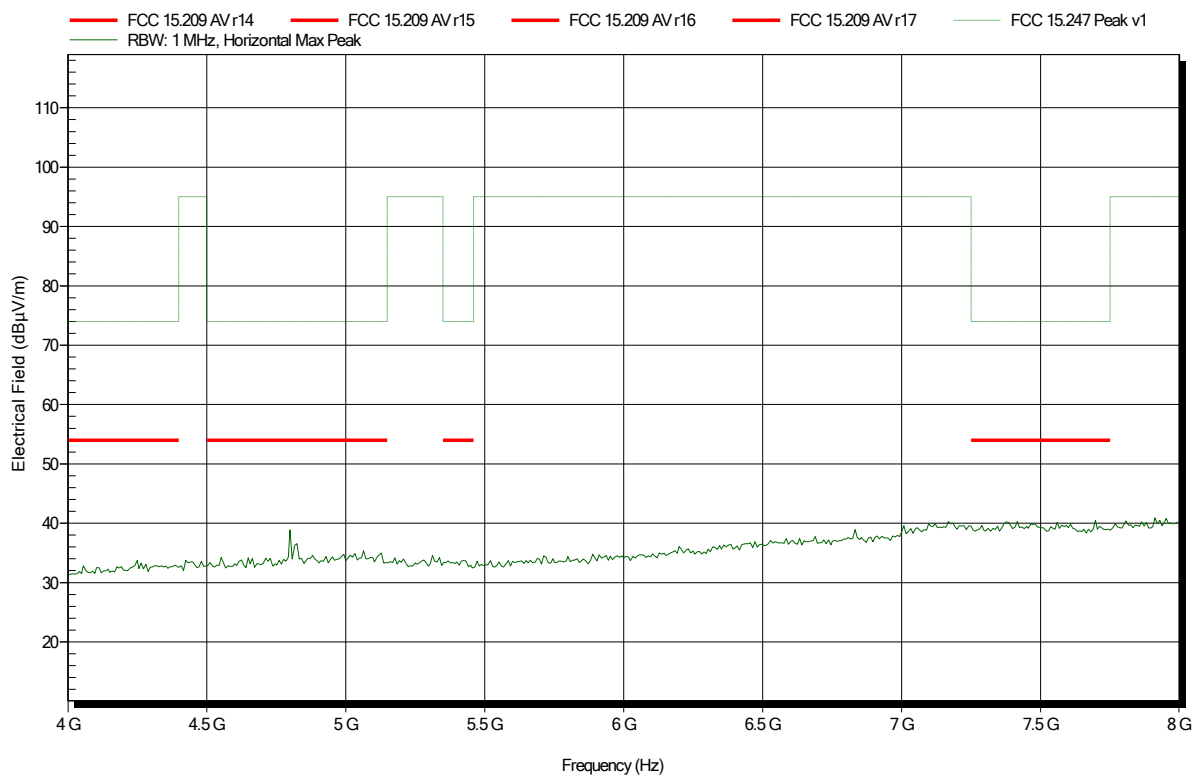


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2402 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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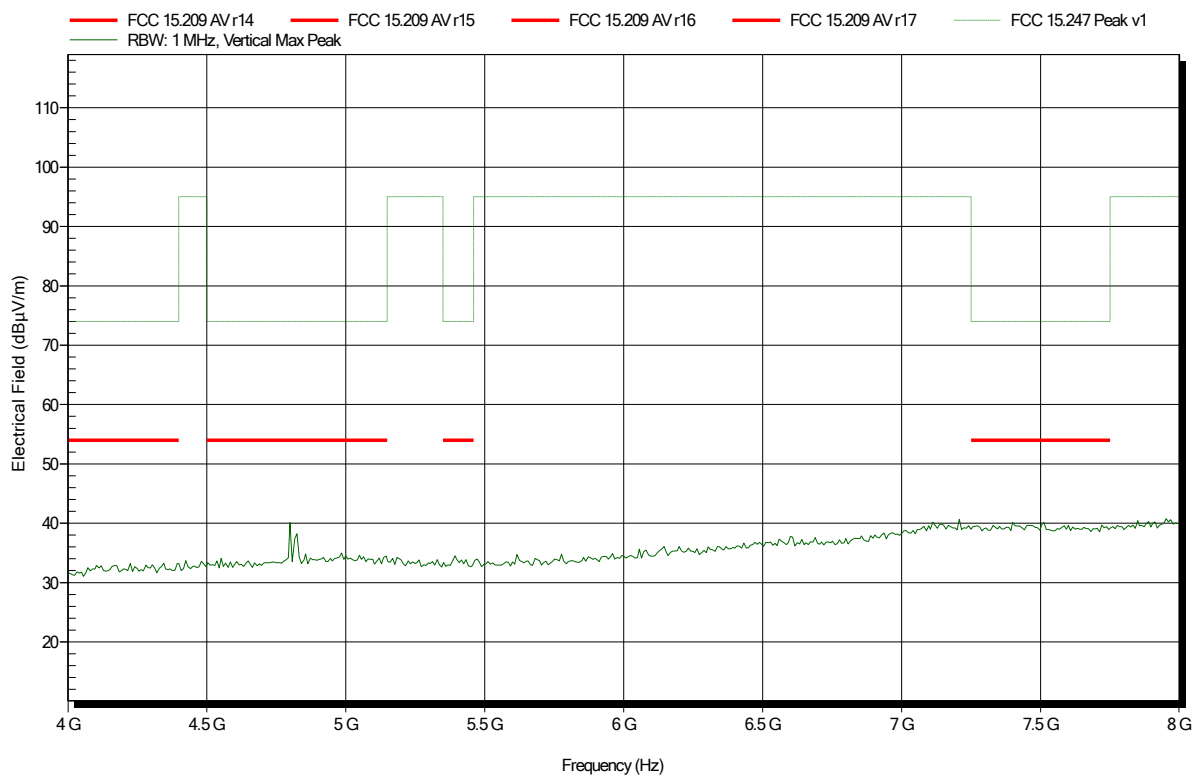


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT; 2402 MHz (2-DH5)
 Test Date: 2018-03-08
 Note:

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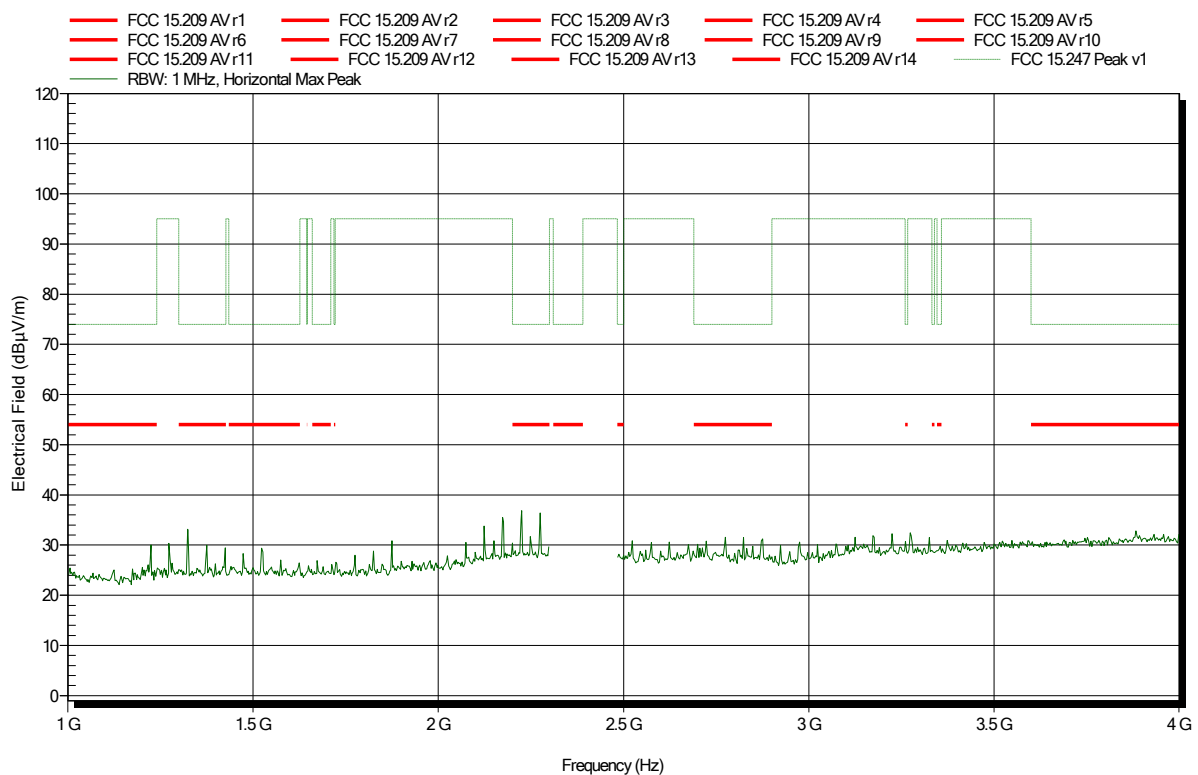


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: TX; BT; 2402 MHz (3-DH5)
 Test Date: 2018-03-08
 Note:

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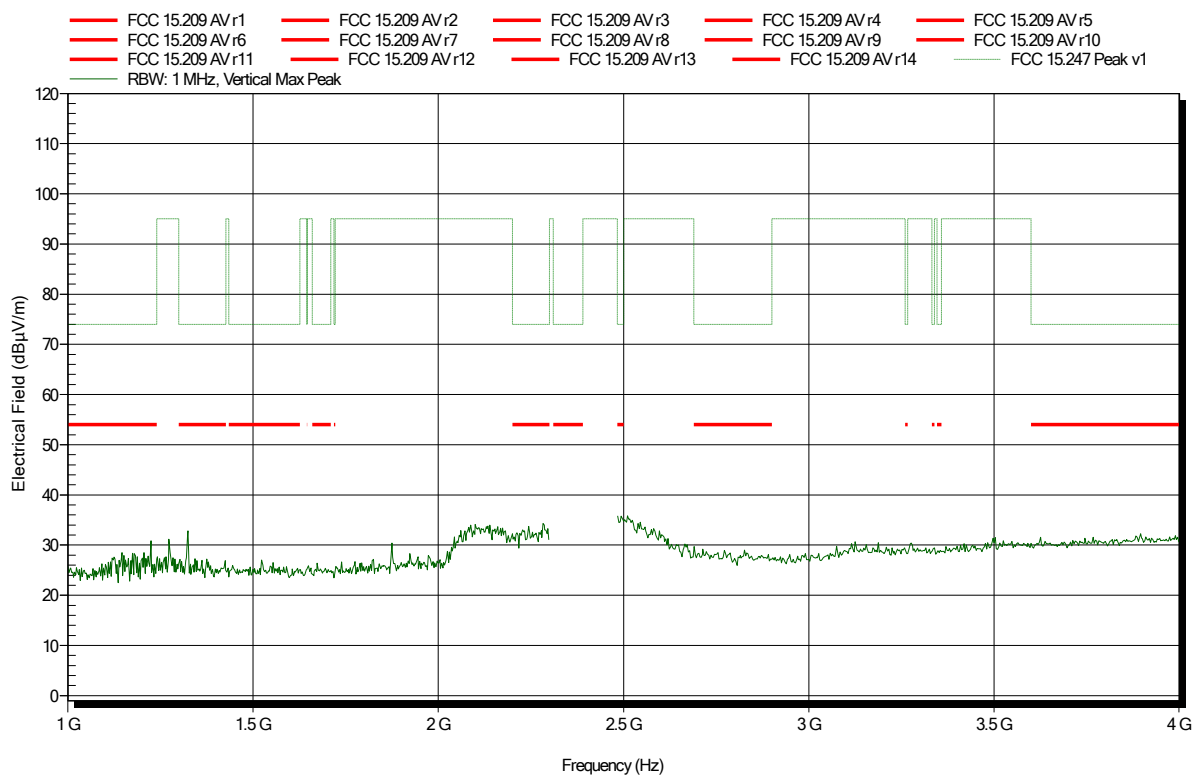


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m
Mode: TX; BT; 2402 MHz (3-DH5)
Test Date: 2018-03-08
Note:

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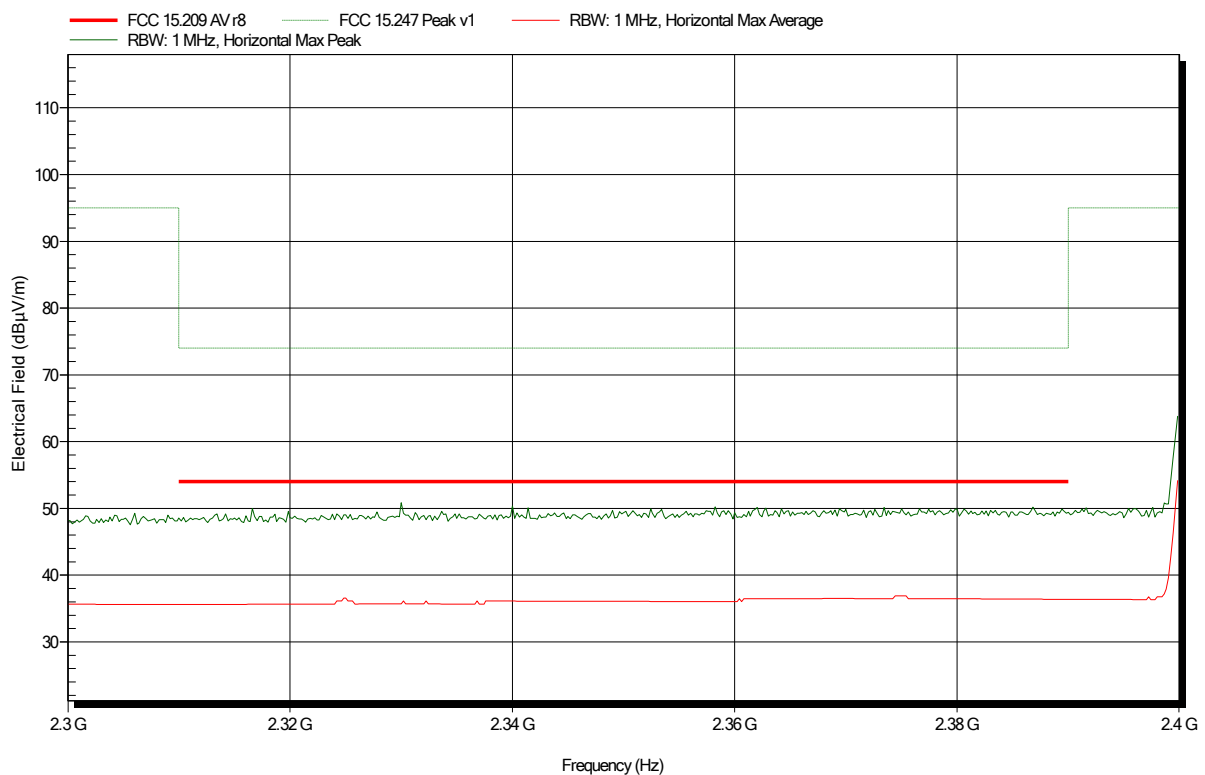


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m
Mode: TX; BT; 2402 MHz (3-DH5)
Test Date: 2018-03-08
Note: lower bandedge

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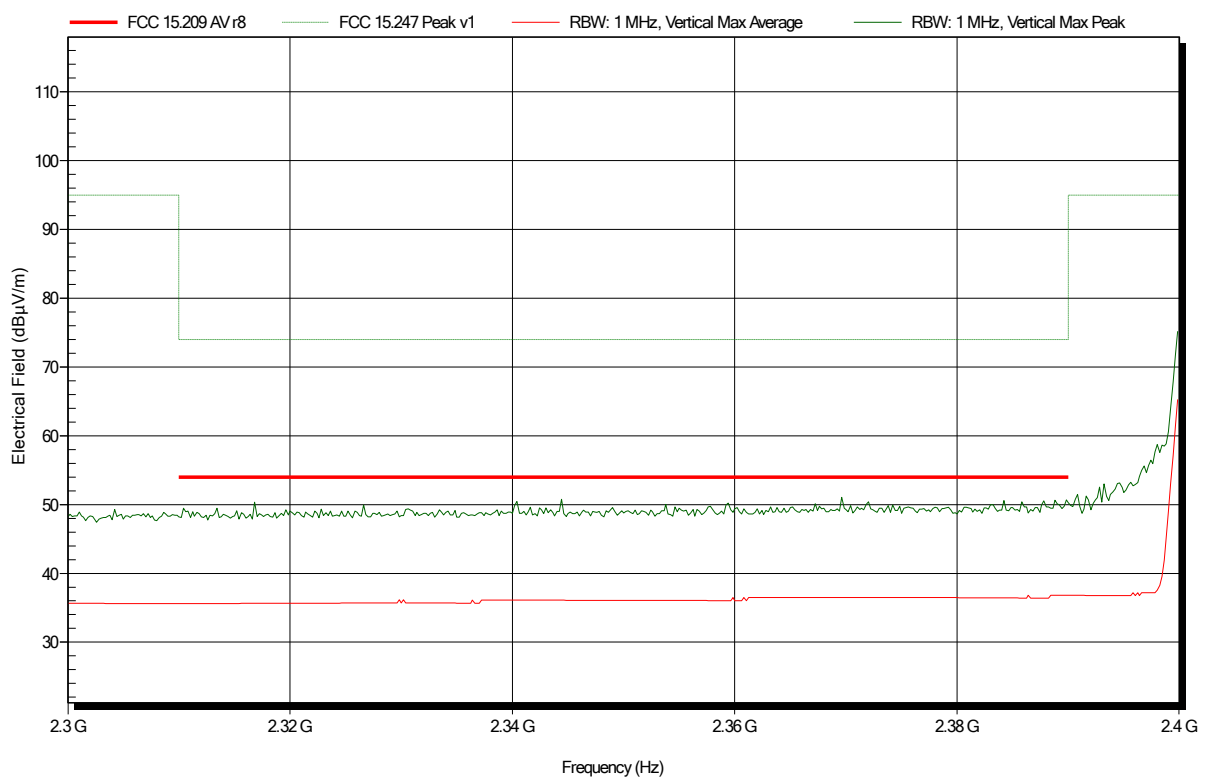


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m
Mode: TX; BT; 2402 MHz (3-DH5)
Test Date: 2018-03-08
Note: lower bandedge

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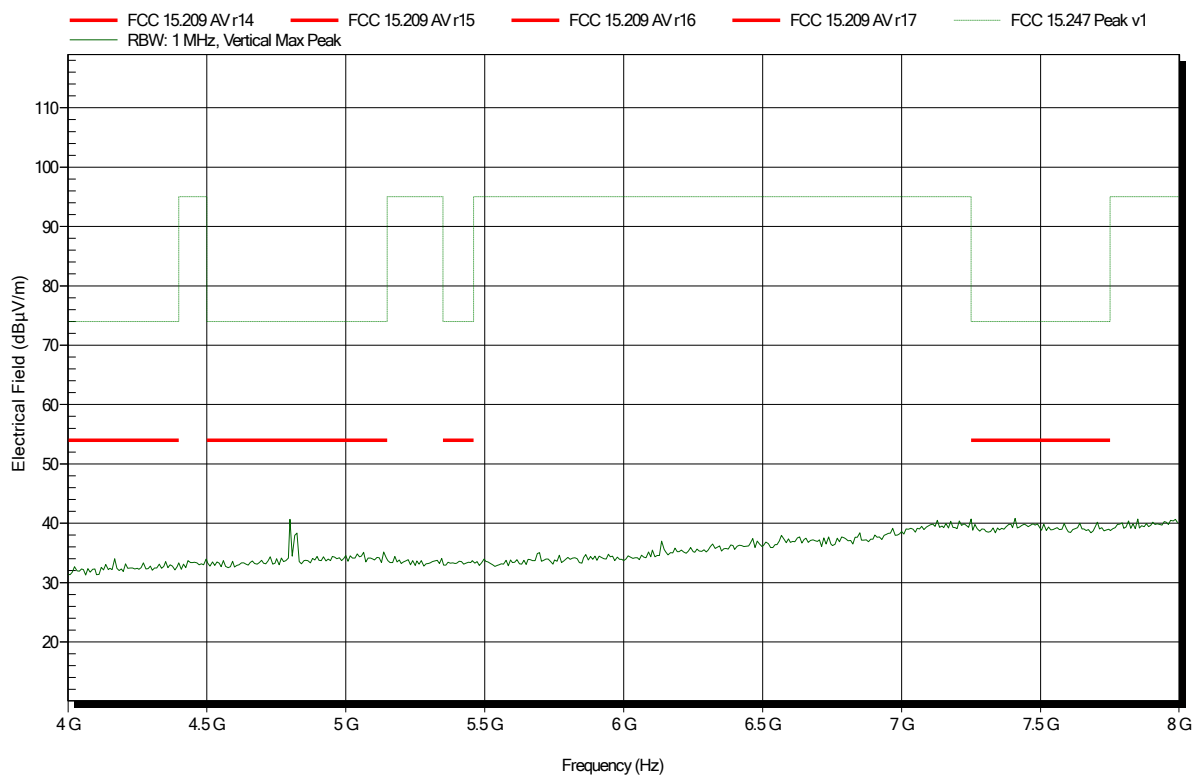


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2402 MHz (3-DH5)
Test Date: 2018-03-08
Note:

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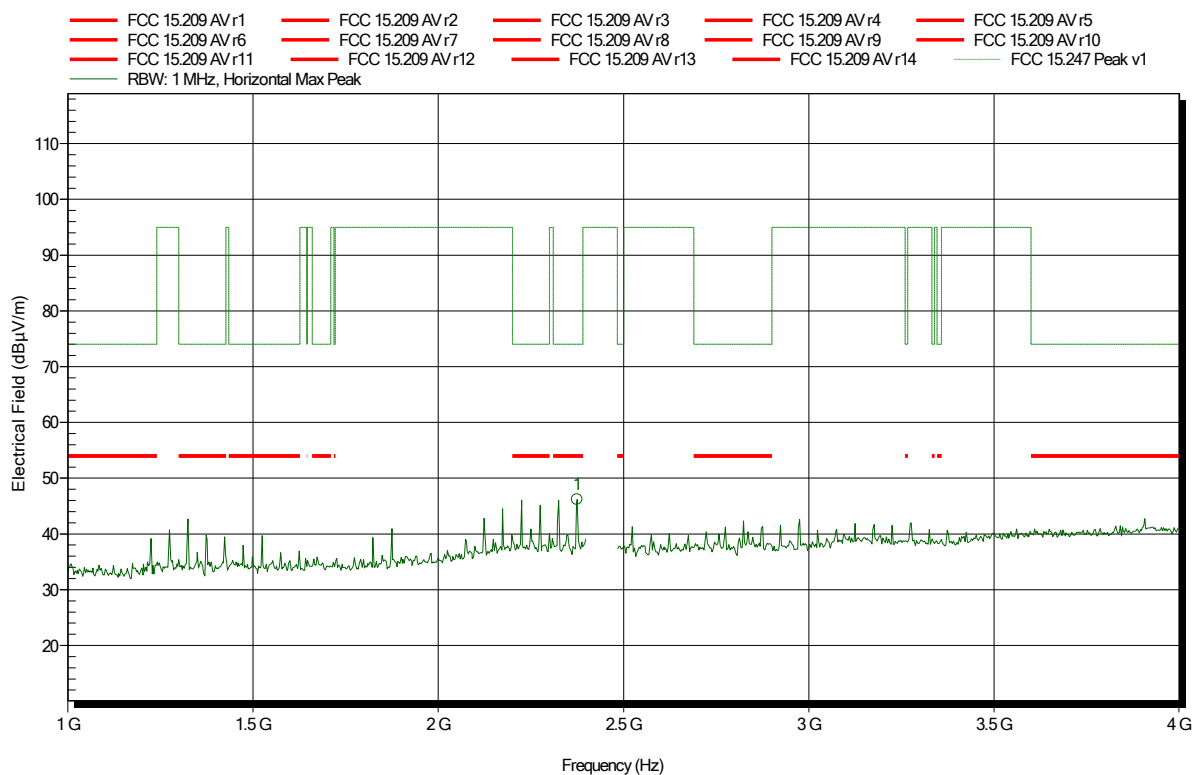


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 3 m
Mode: TX; BT; 2441 MHz (1-DH5)
Test Date: 2018-02-27
Note:

Index 1



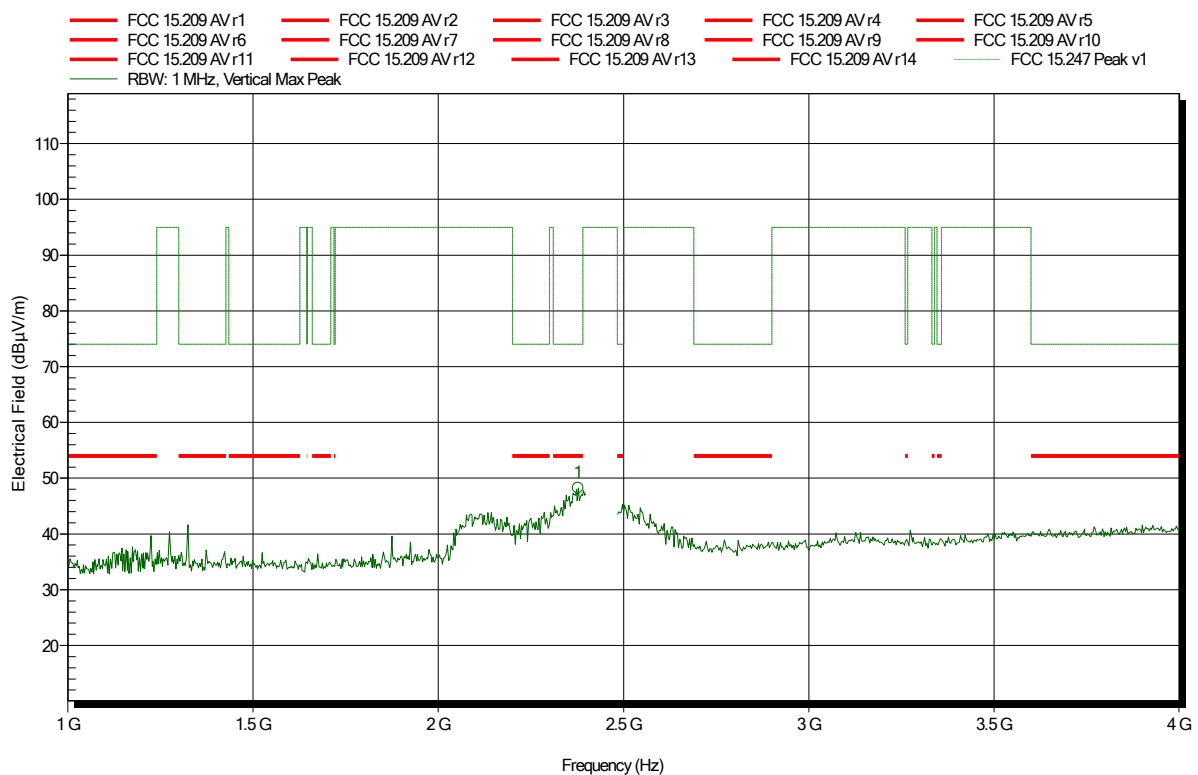
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.375 GHz	46.15 dBμV/m	74 dBμV/m	-27.85 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 3 m
Mode: TX; BT; 2441 MHz (1-DH5)
Test Date: 2018-02-27
Note:

Index 4



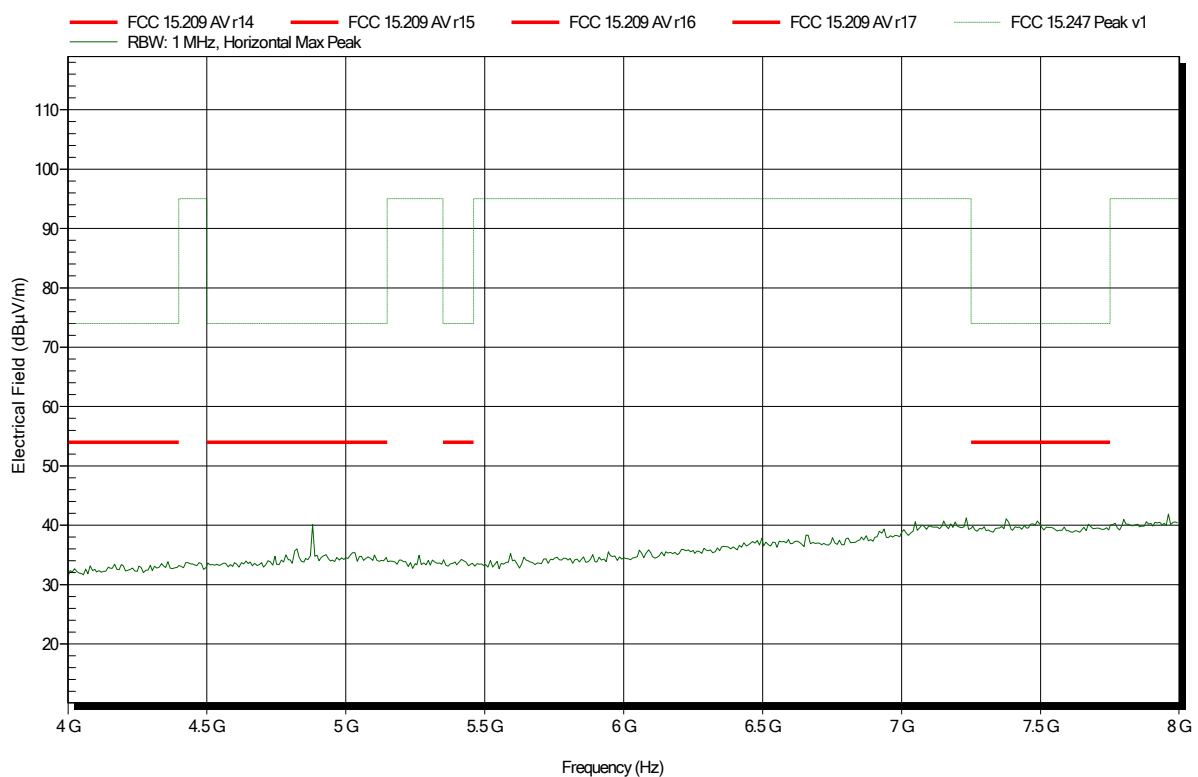
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.378 GHz	48.23 dBµV/m	74 dBµV/m	-25.77 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (1-DH5)
Test Date: 2018-02-27
Note:

Index 2

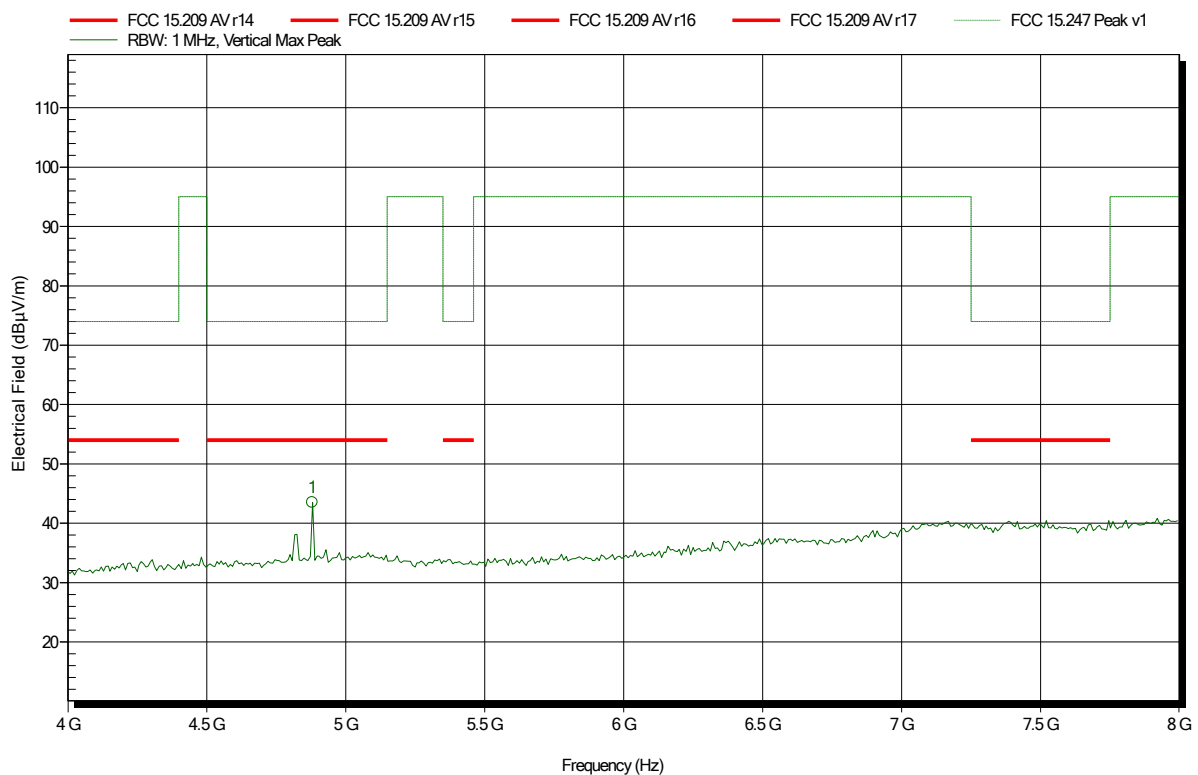


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT; 2441 MHz (1-DH5)
 Test Date: 2018-02-27
 Note:

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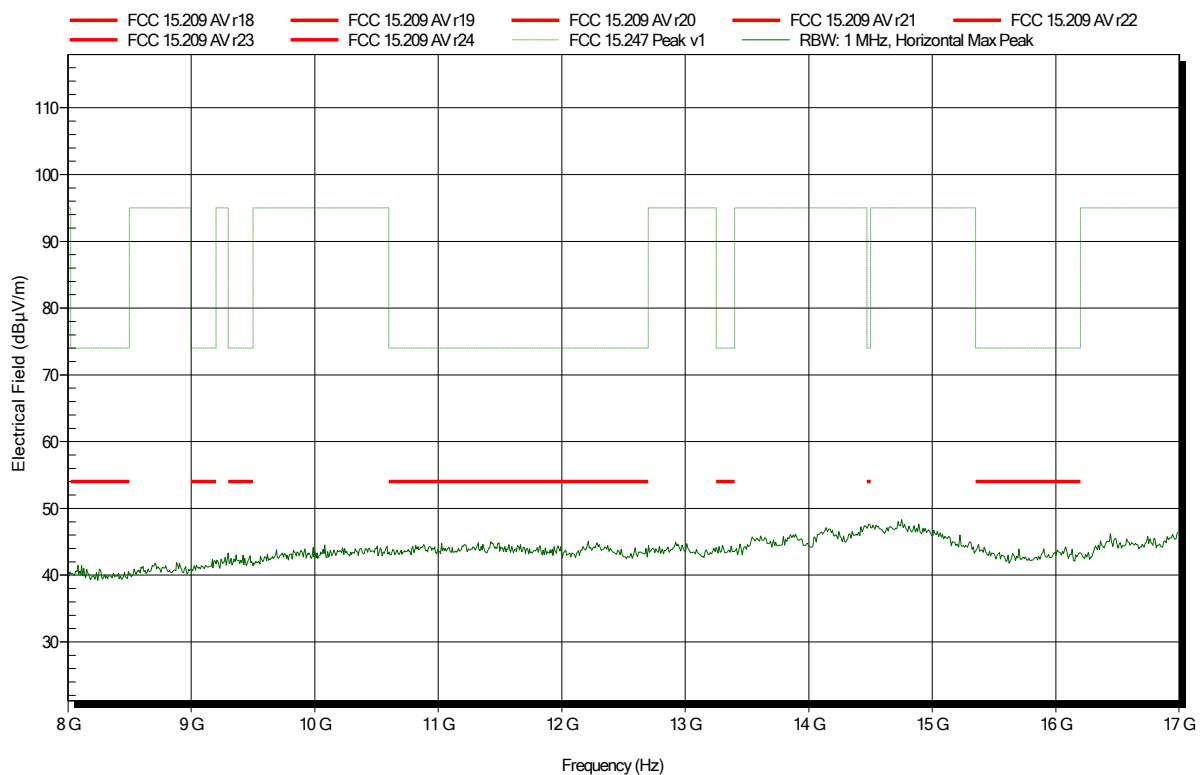
Frequency	Peak	Peak Limit	Peak Difference	Status
4.88 GHz	43.5 dBµV/m	74 dBµV/m	-30.5 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (1-DH5)
Test Date: 2018-02-27
Note:

Index 3

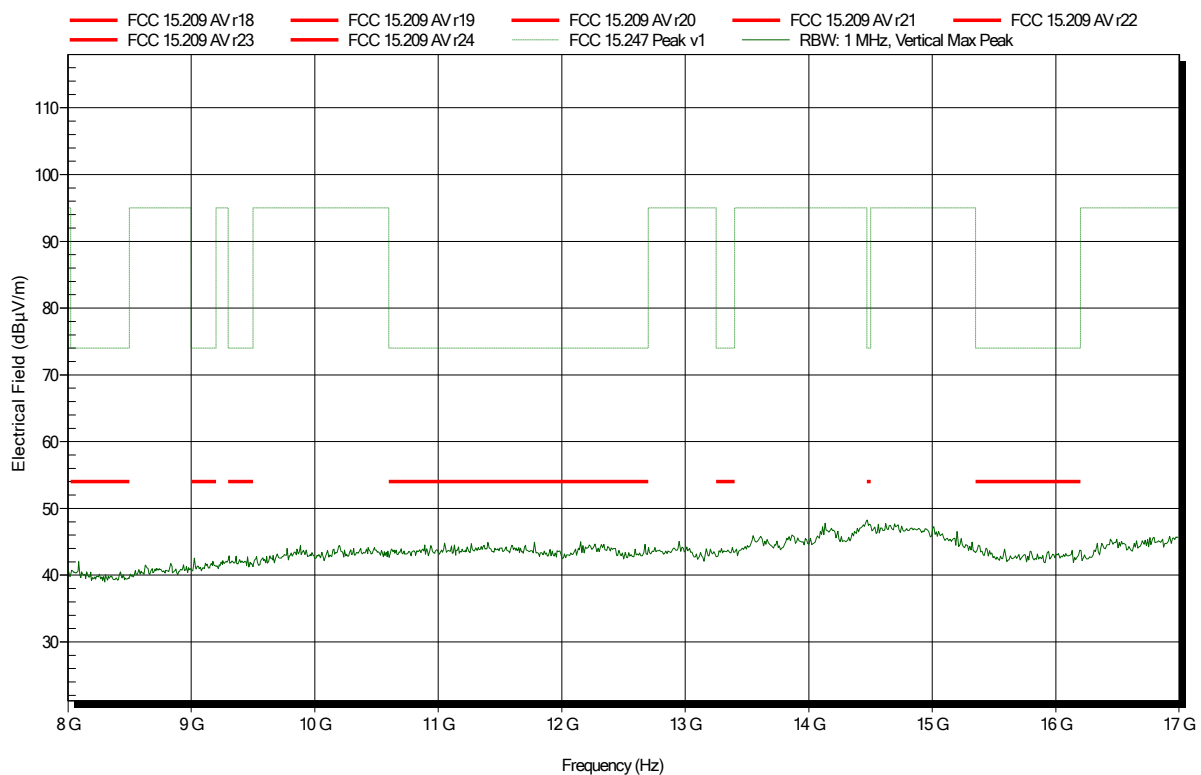


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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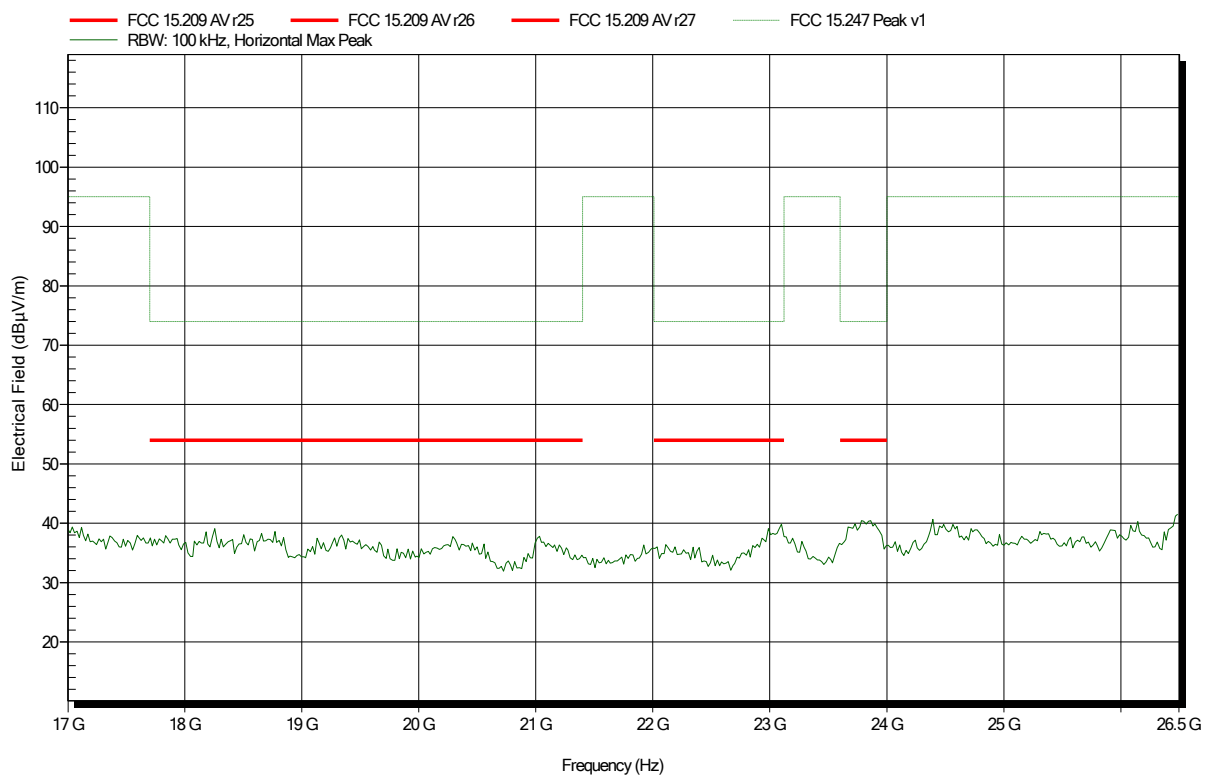


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: ATH18G40, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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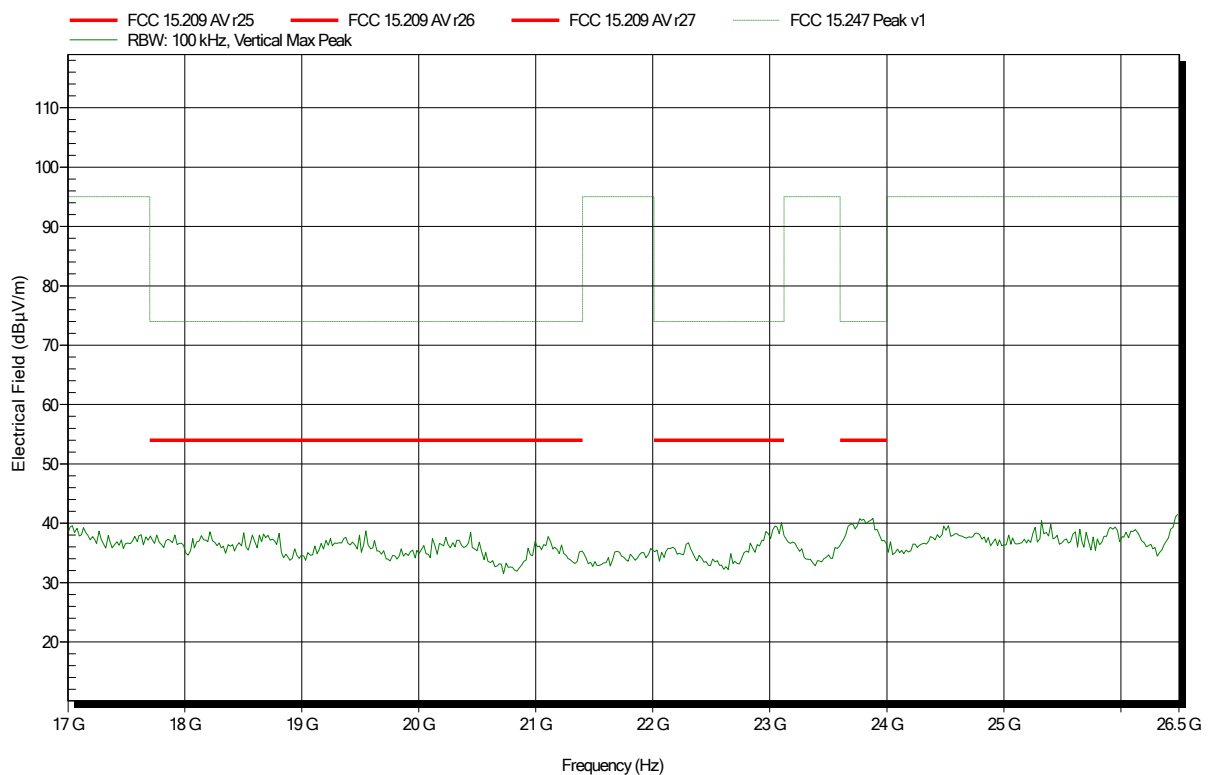


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: ATH18G40, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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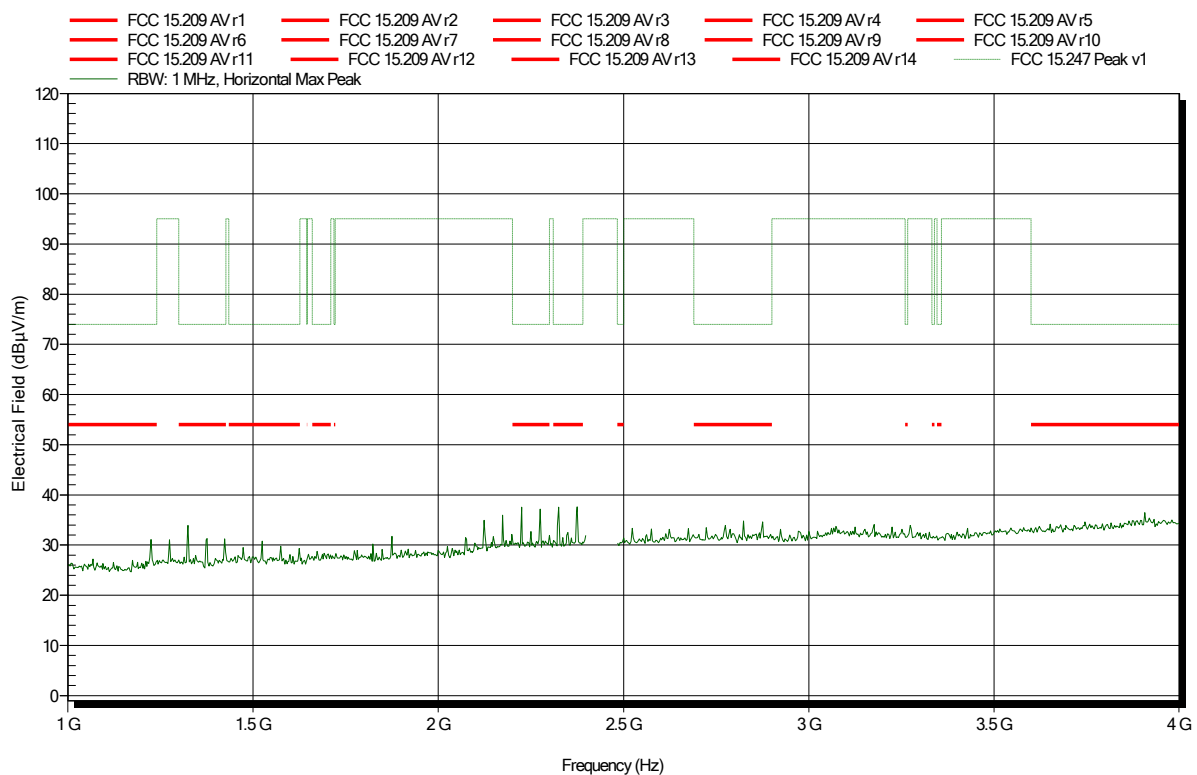


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m
Mode: TX; BT; 2441 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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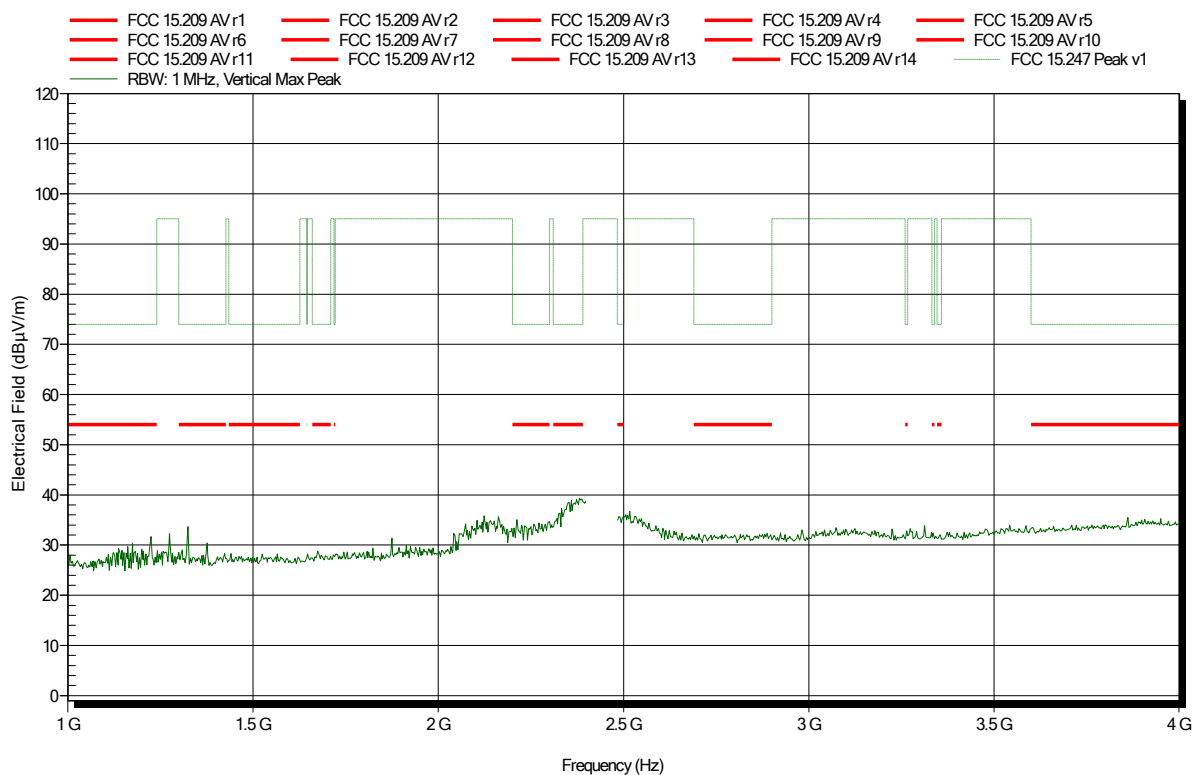


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m
Mode: TX; BT; 2441 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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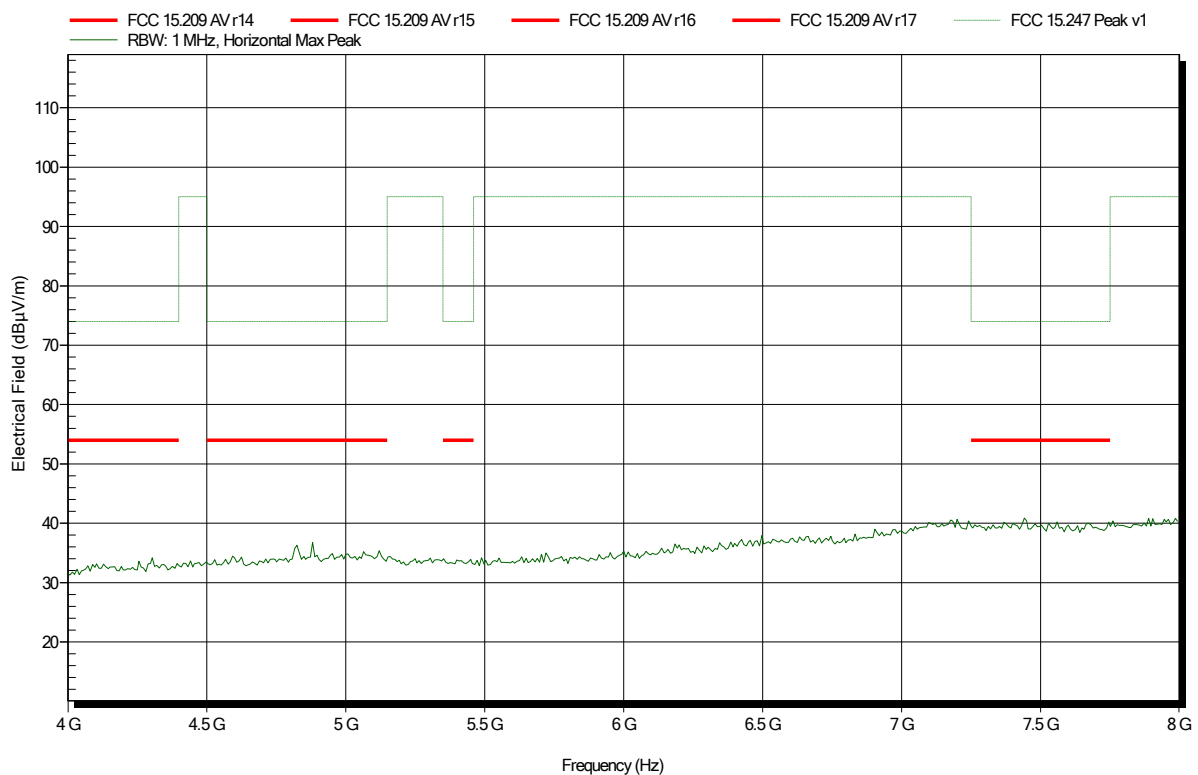


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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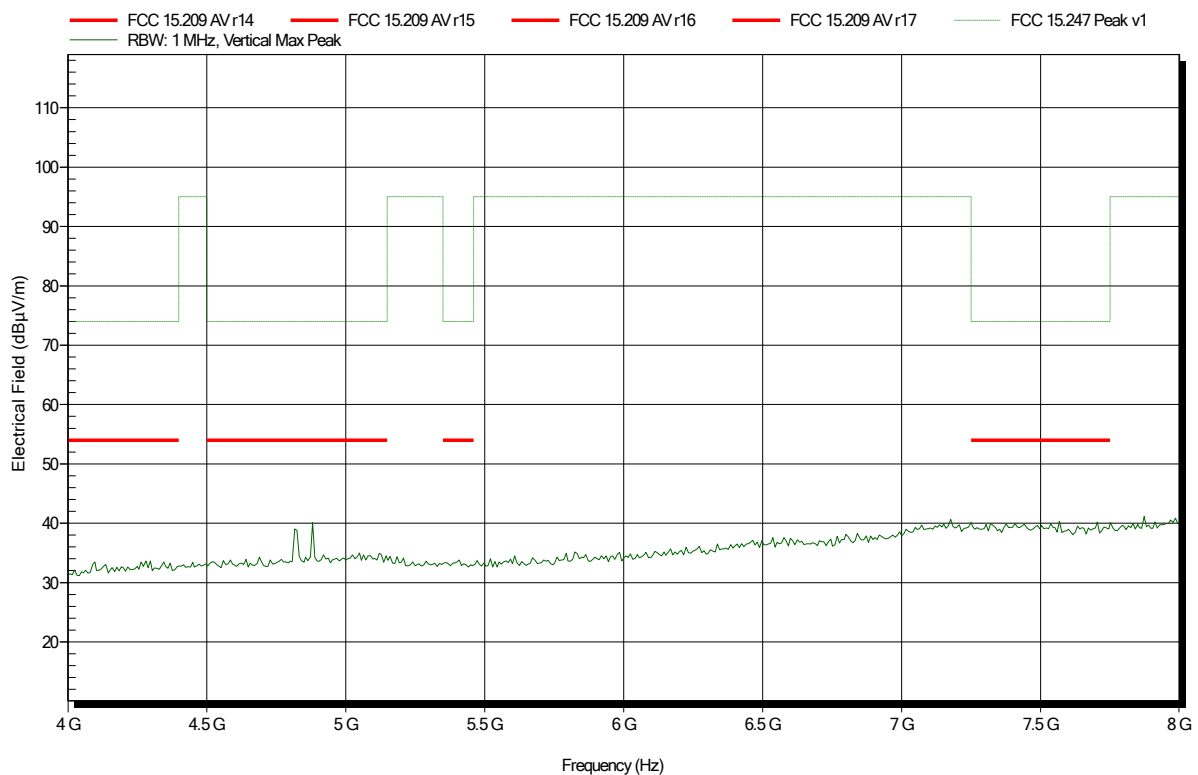


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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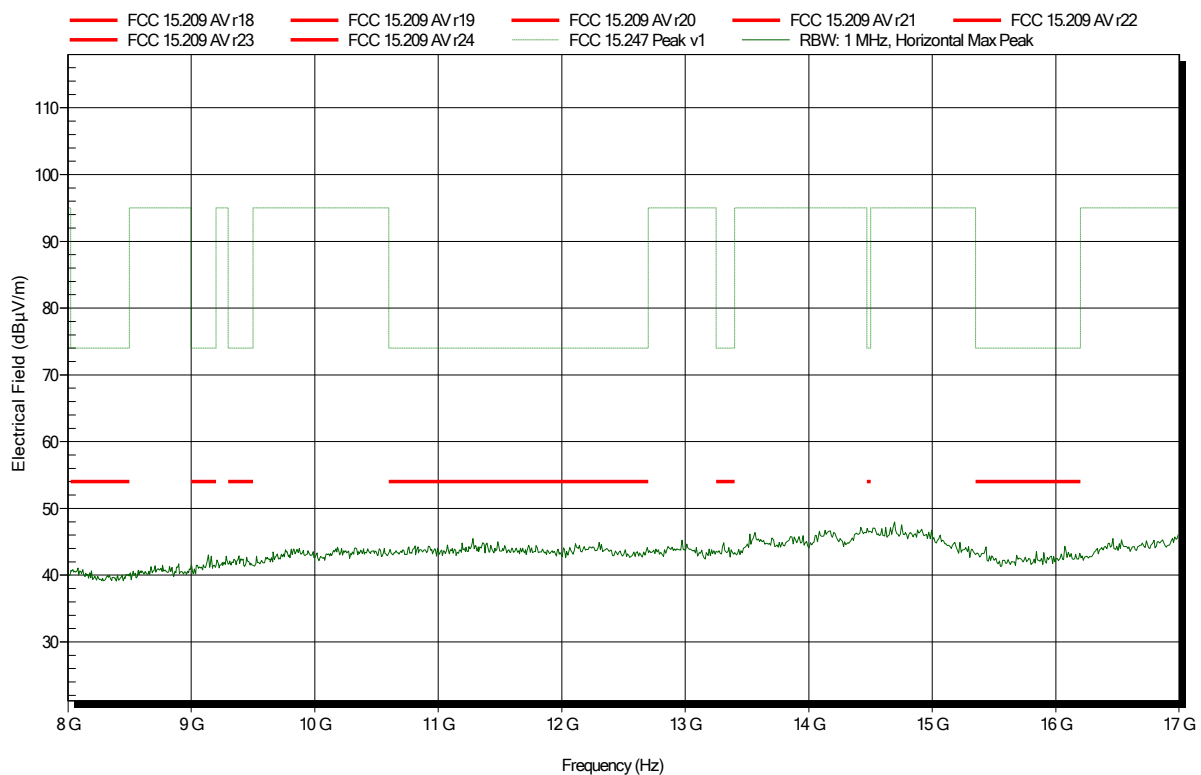


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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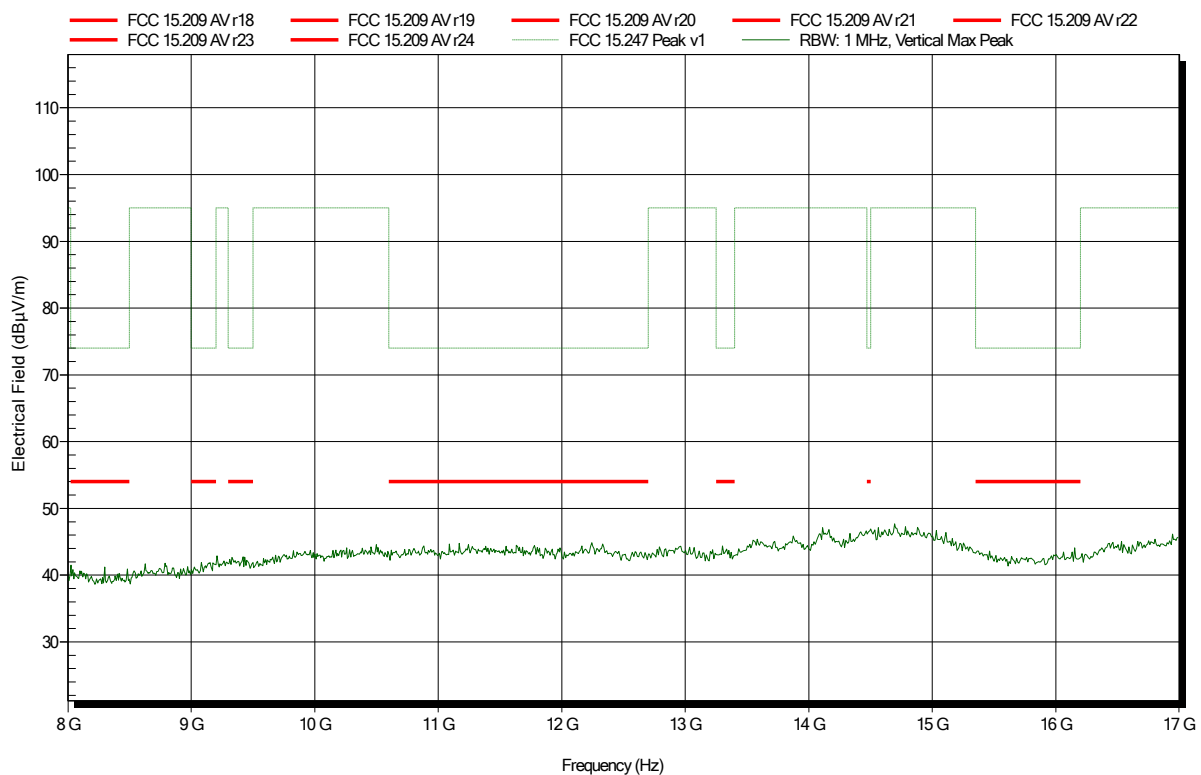


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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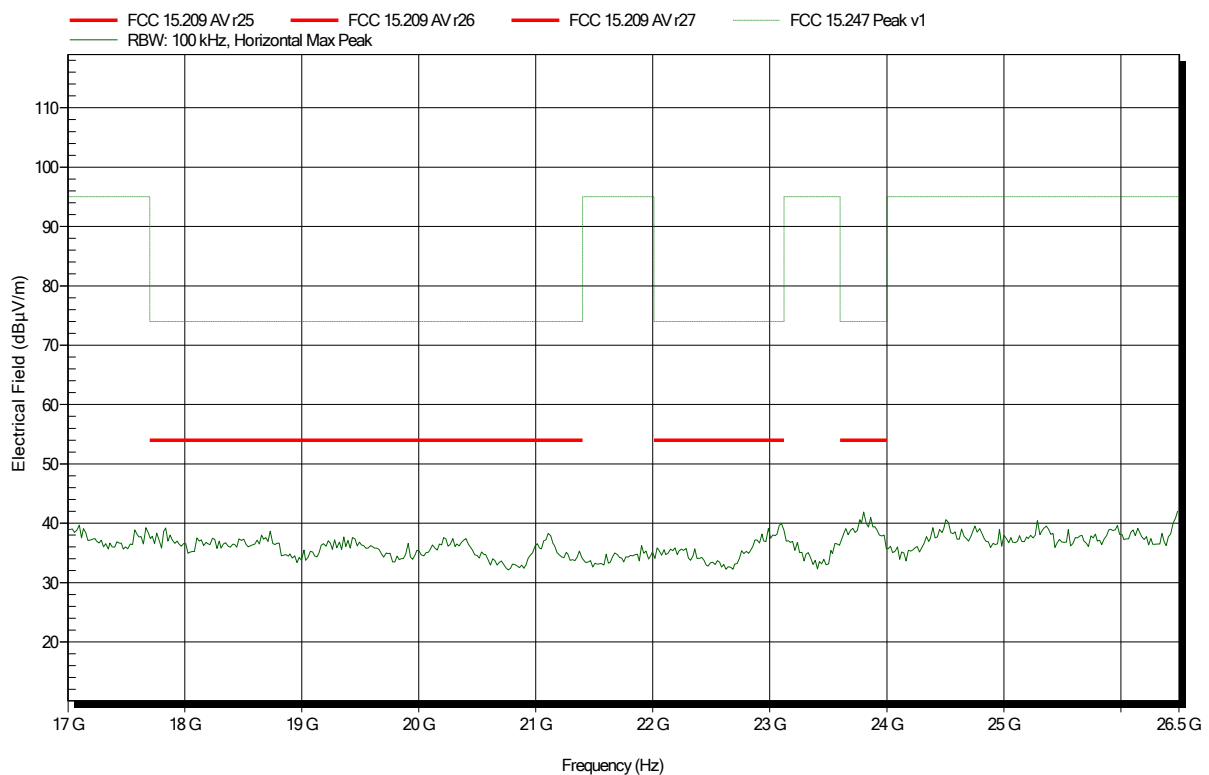


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: ATH18G40, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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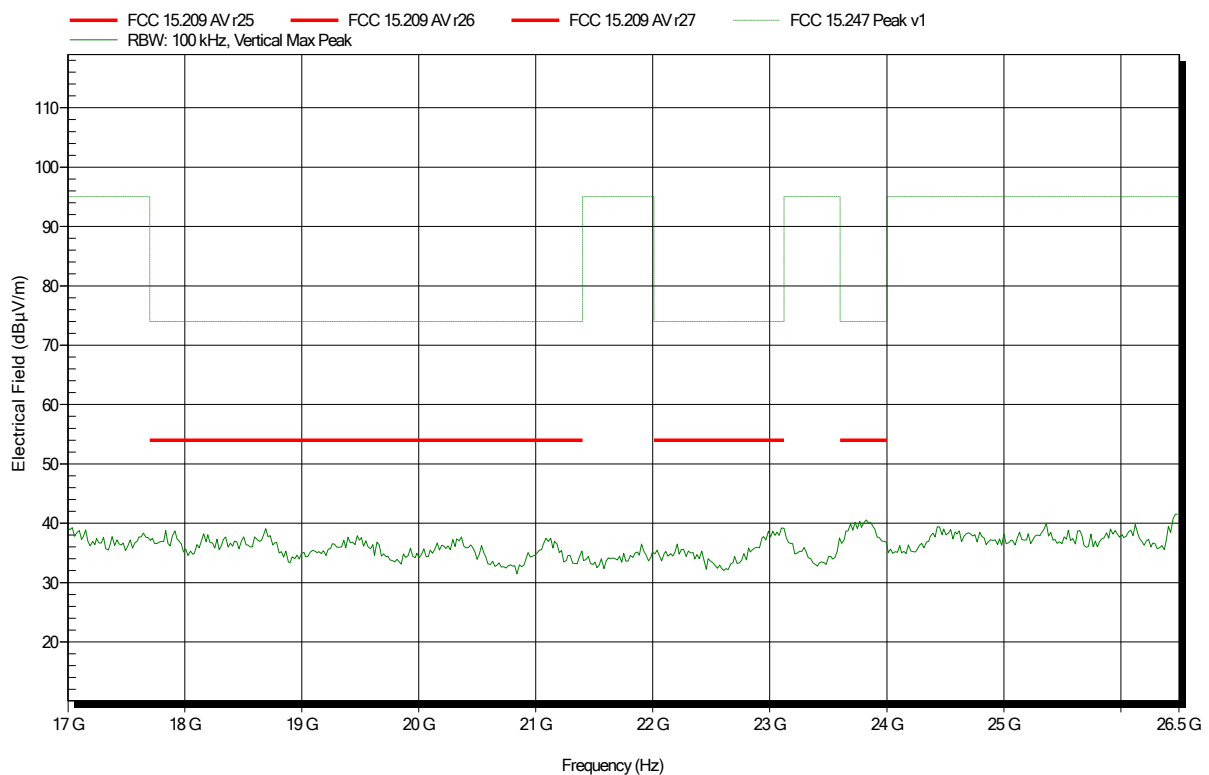


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.5°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: ATH18G40, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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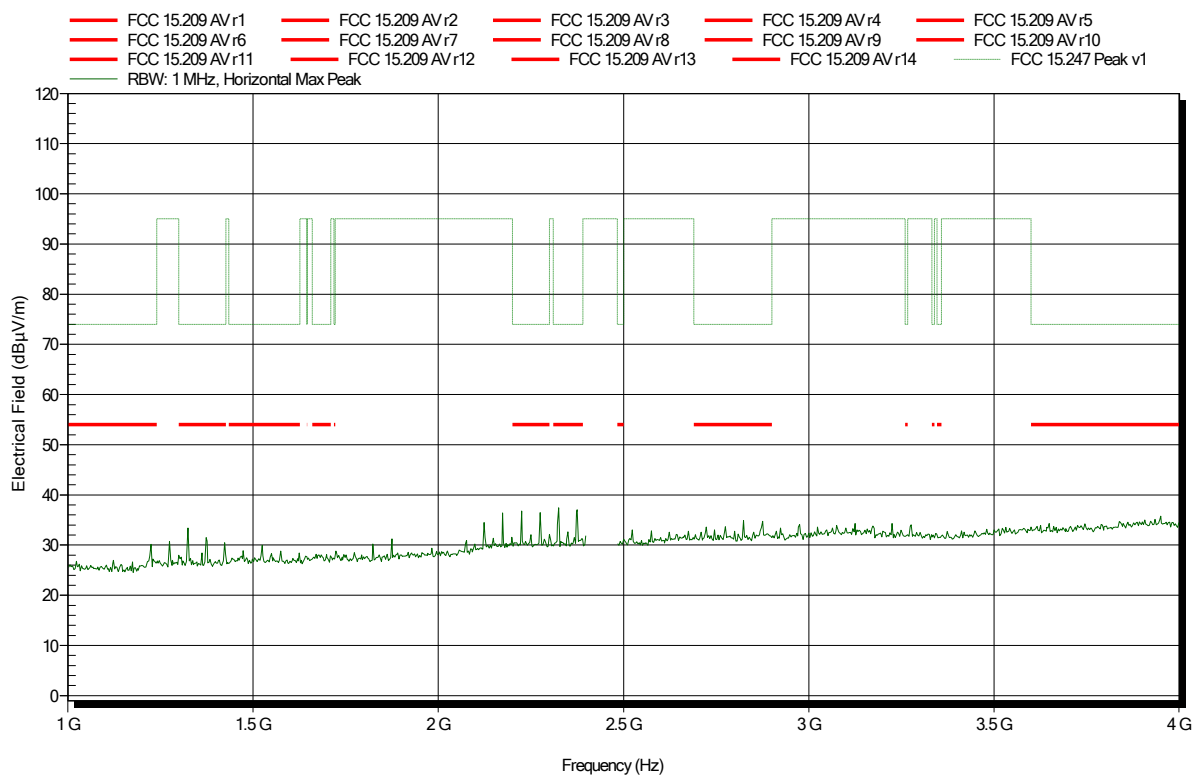


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m
Mode: TX; BT; 2441 MHz (3-DH5)
Test Date: 2018-03-08
Note:

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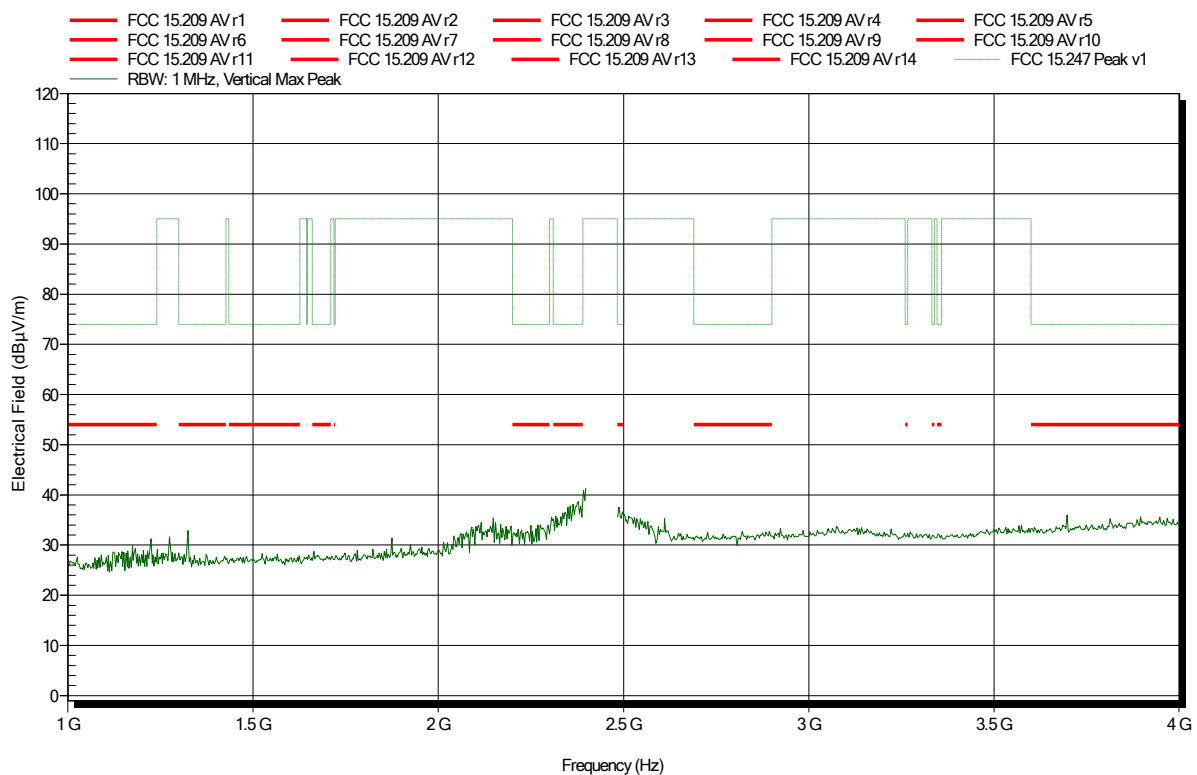


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m
Mode: TX; BT; 2441 MHz (3-DH5)
Test Date: 2018-03-08
Note:

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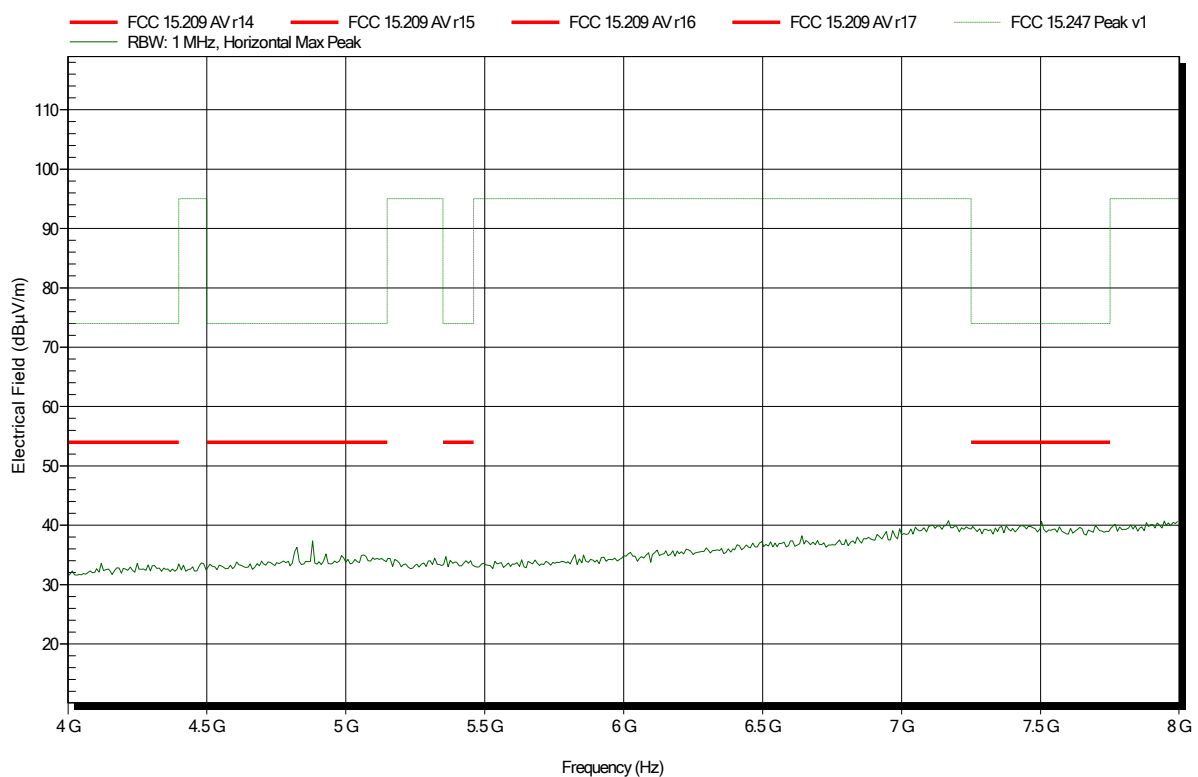


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m converted to 3m
 Mode: TX; BT; 2441 MHz (3-DH5)
 Test Date: 2018-03-08
 Note:

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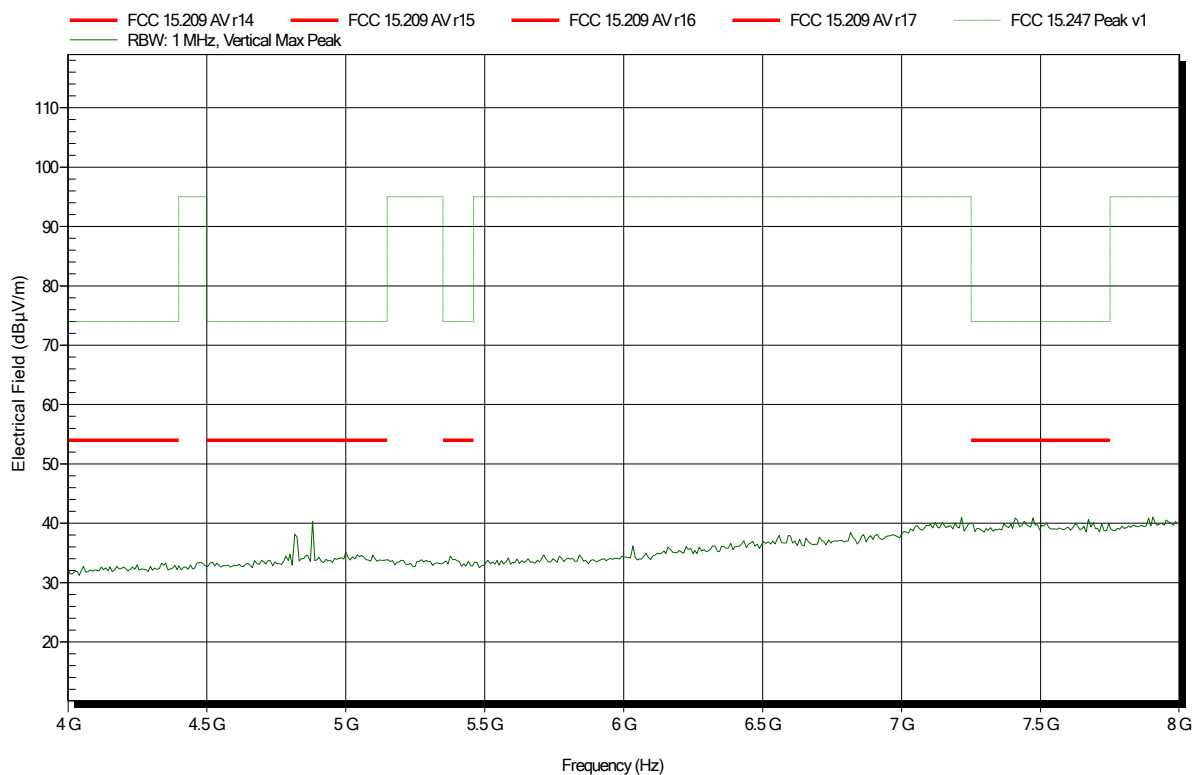


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2441 MHz (3-DH5)
Test Date: 2018-03-08
Note:

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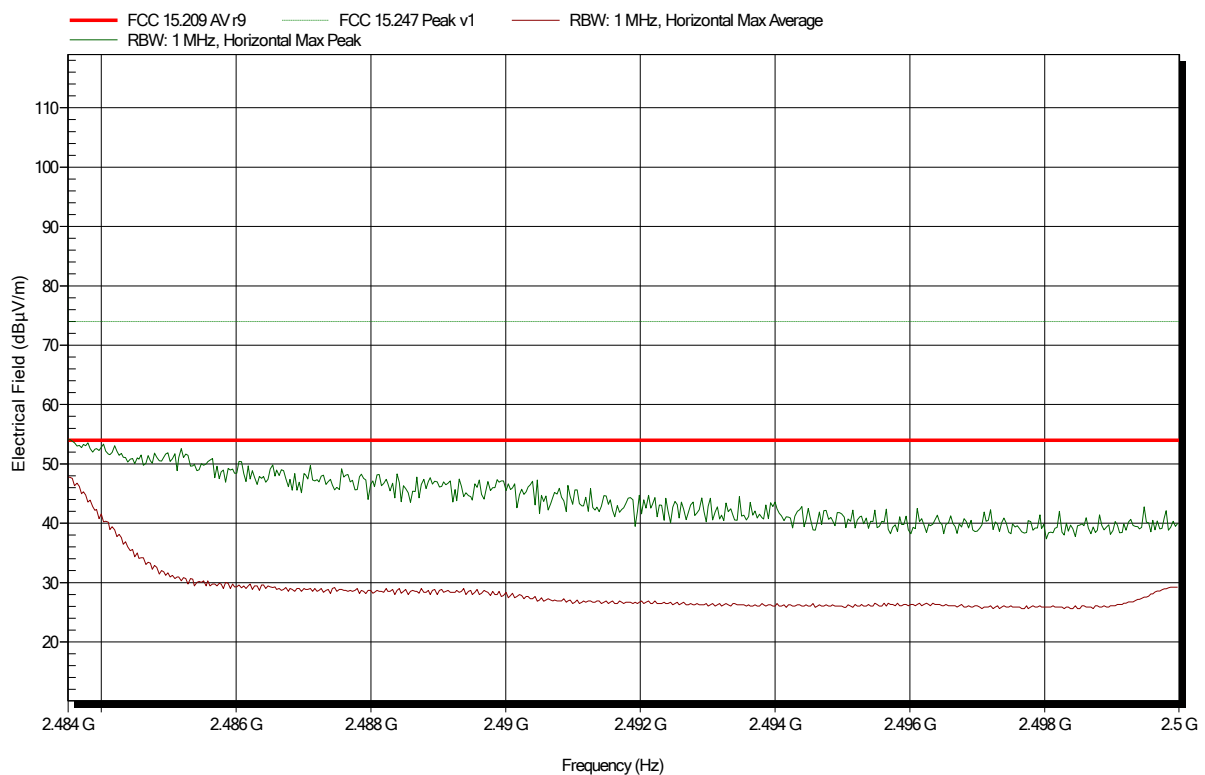


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 3 m
Mode: TX; BT; 2480 MHz (1-DH5)
Test Date: 2018-02-27
Note: higher bandedge

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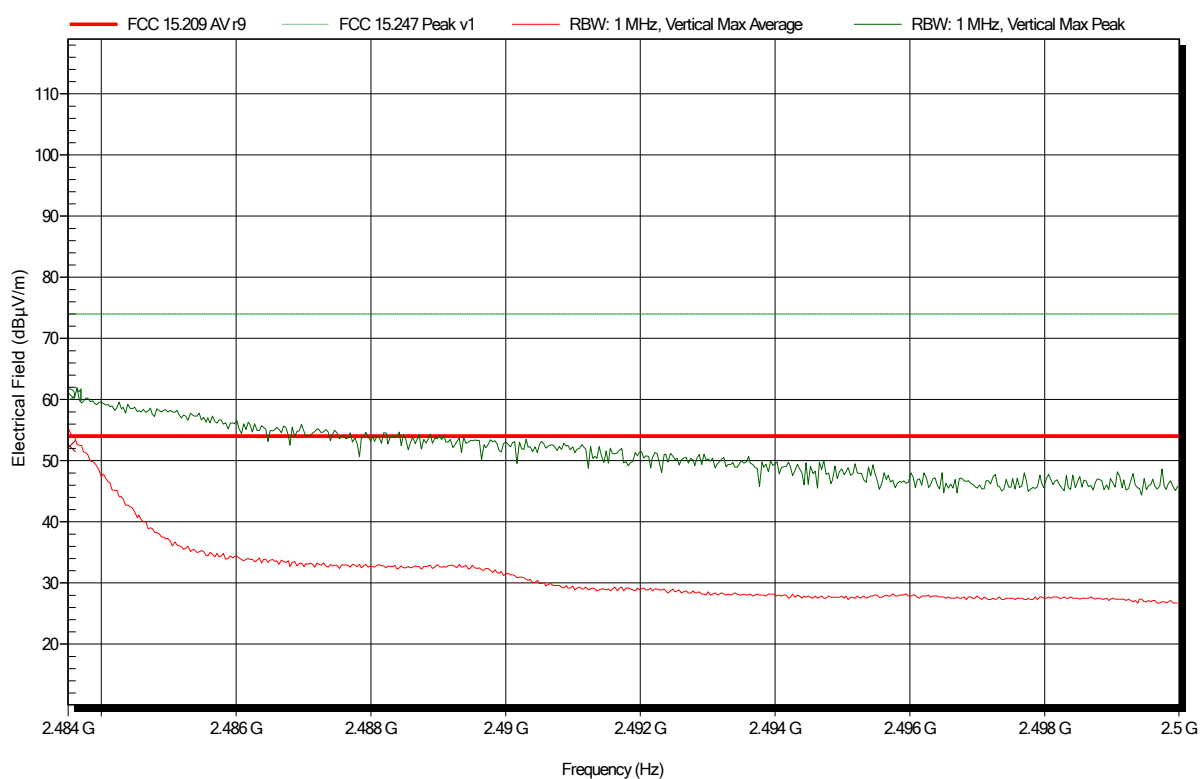


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: TX; BT; 2480 MHz (1-DH5)
 Test Date: 2018-02-27
 Note: higher bandedge

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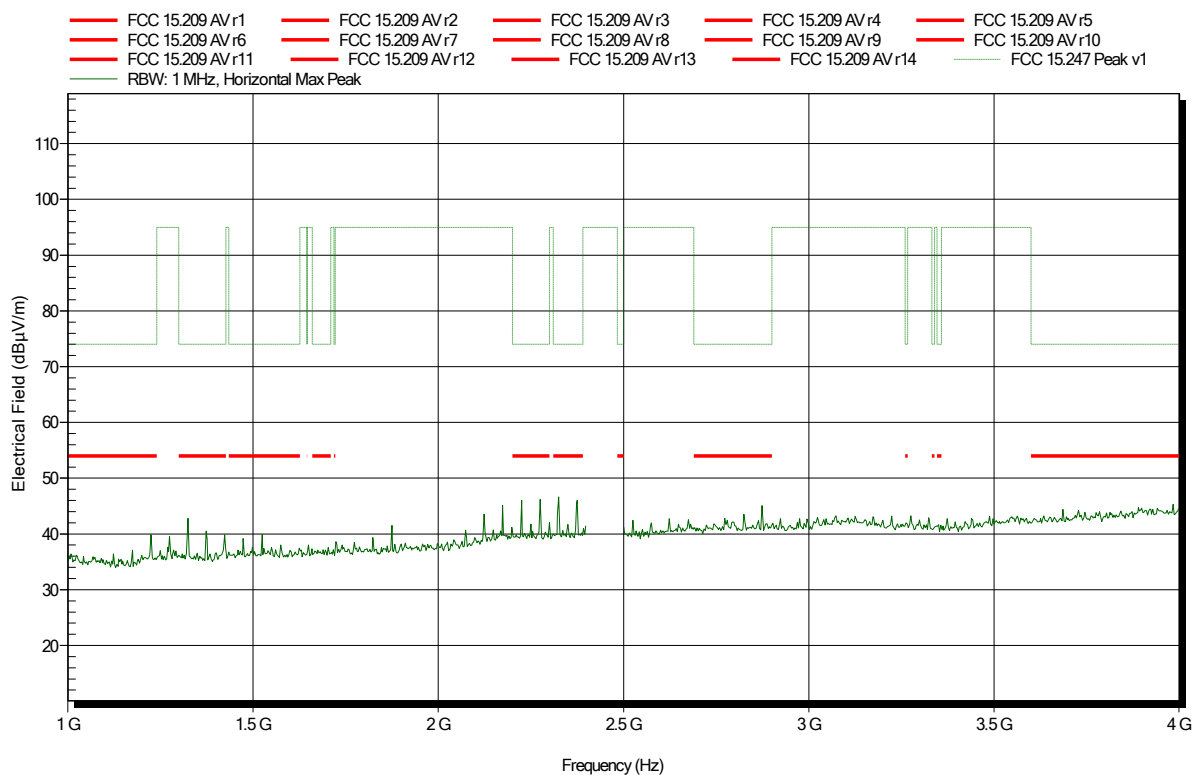
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	60.83 dBµV/m	74 dBµV/m	-13.17 dB	Pass
Frequency	Average	Average Limit	Average Difference	Average Status
2.484 GHz	52.38 dBµV/m	54 dBµV/m	-1.62 dB	Pass

Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 3 m
 Mode: TX; BT; 2480 MHz (1-DH5)
 Test Date: 2018-02-27
 Note:

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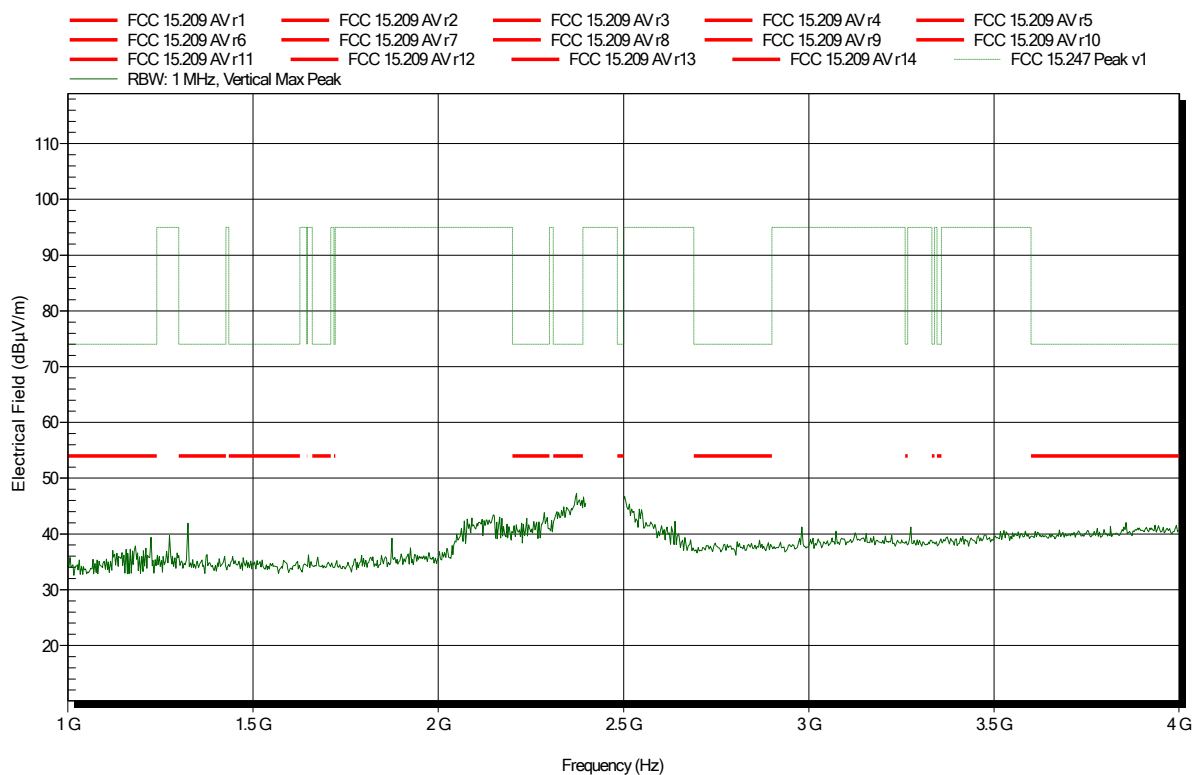


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: TX; BT; 2480 MHz (1-DH5)
 Test Date: 2018-02-27
 Note:

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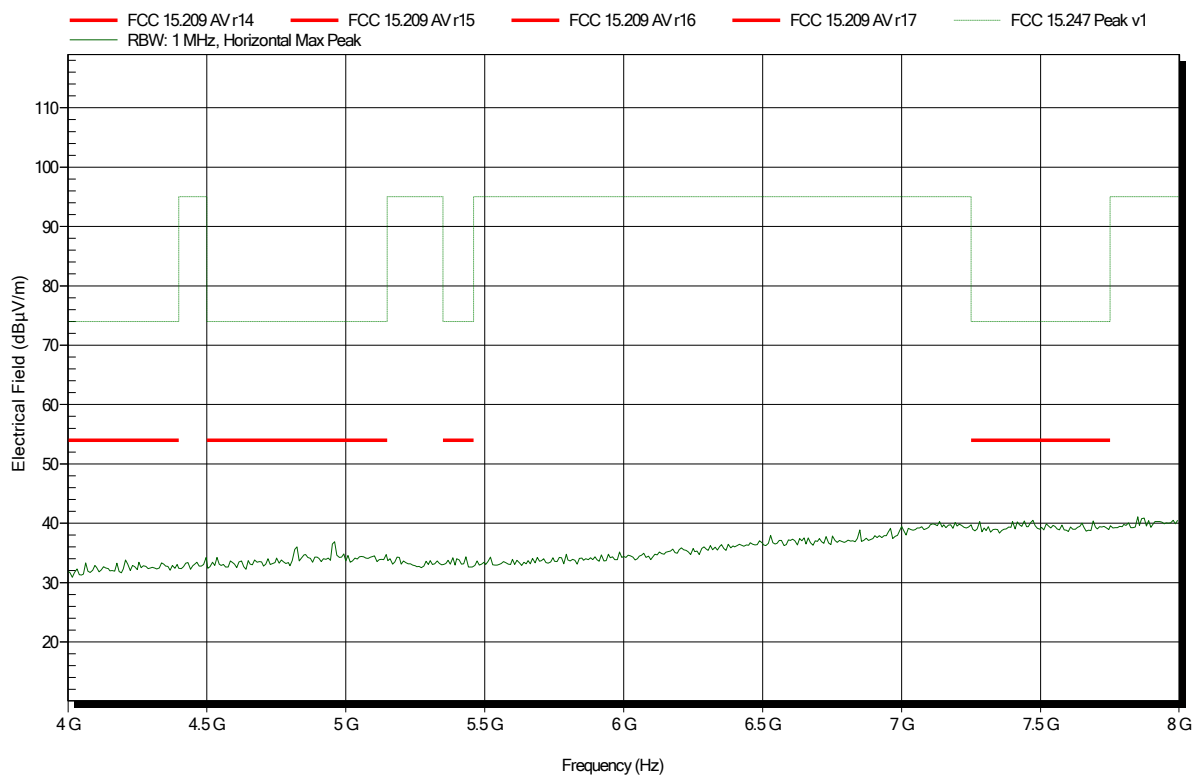


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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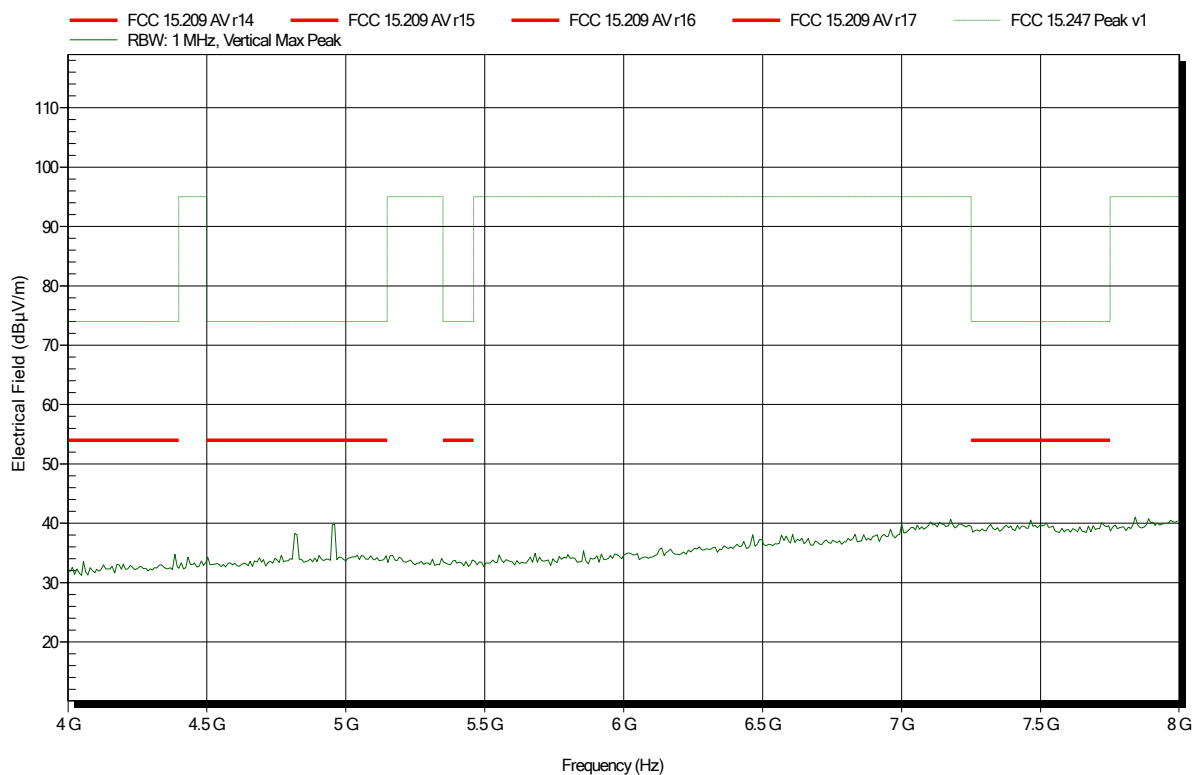


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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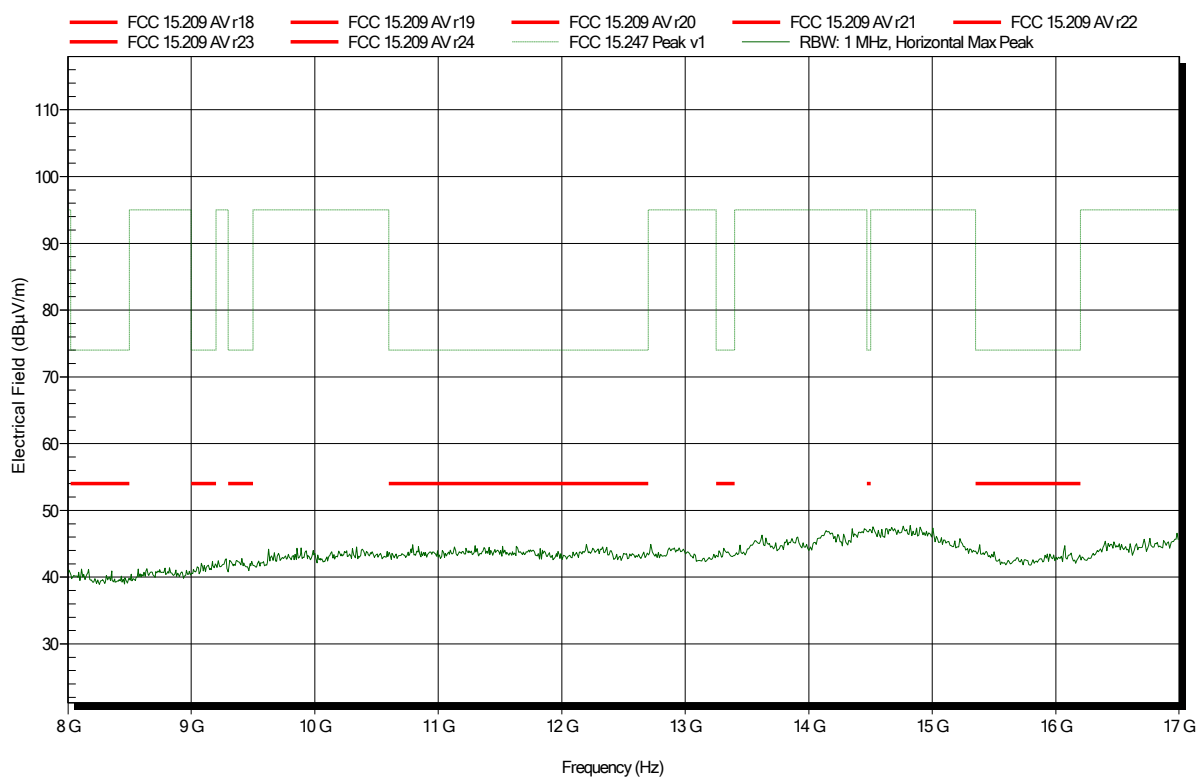


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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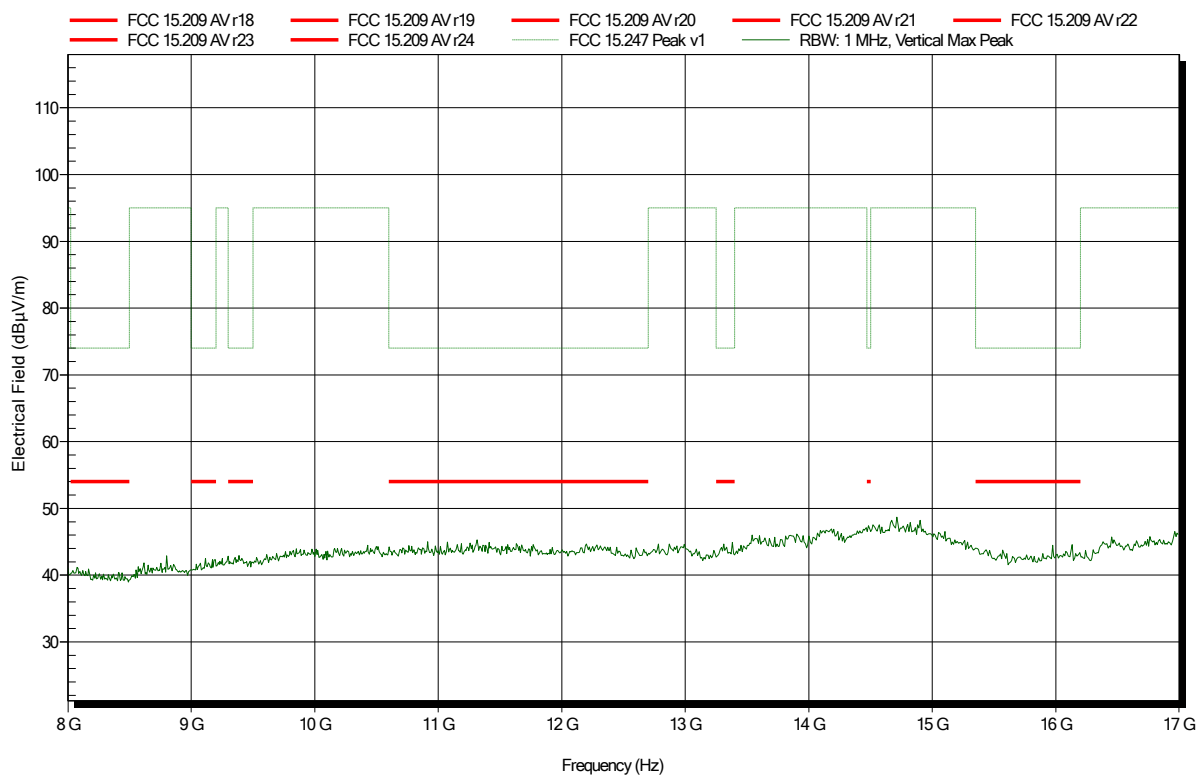


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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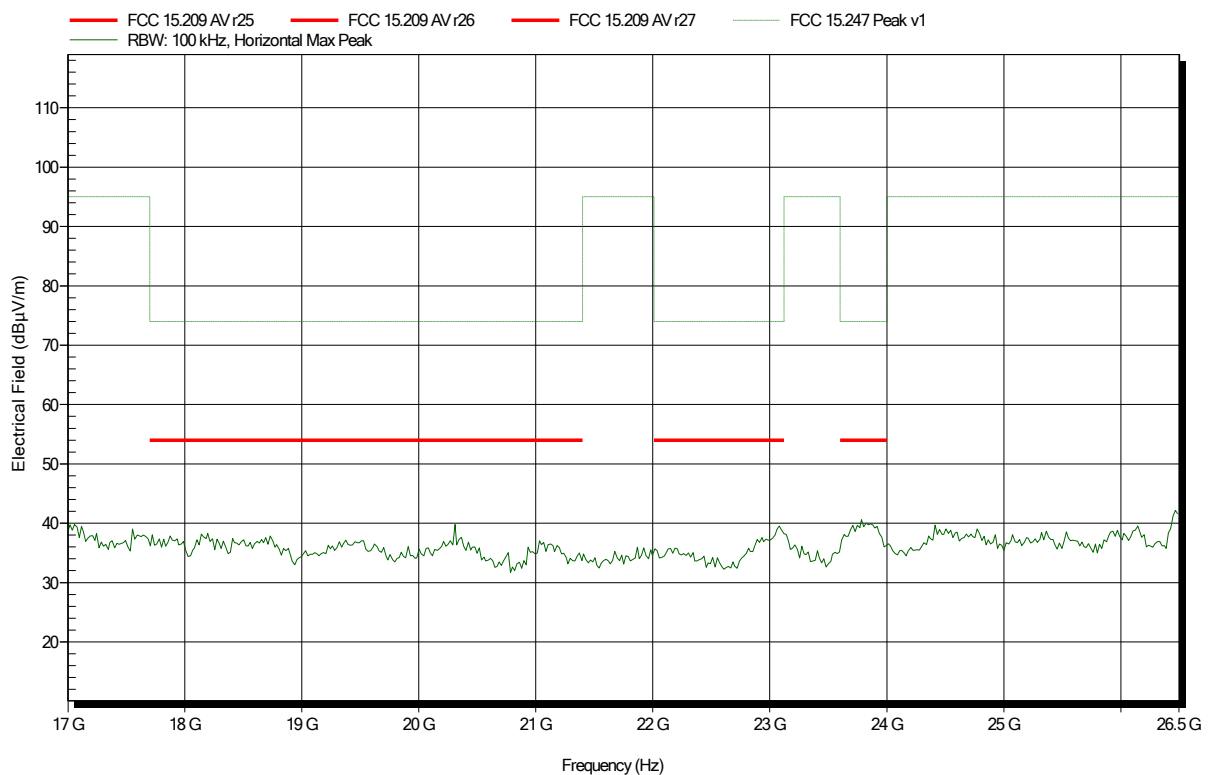


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: ATH18G40, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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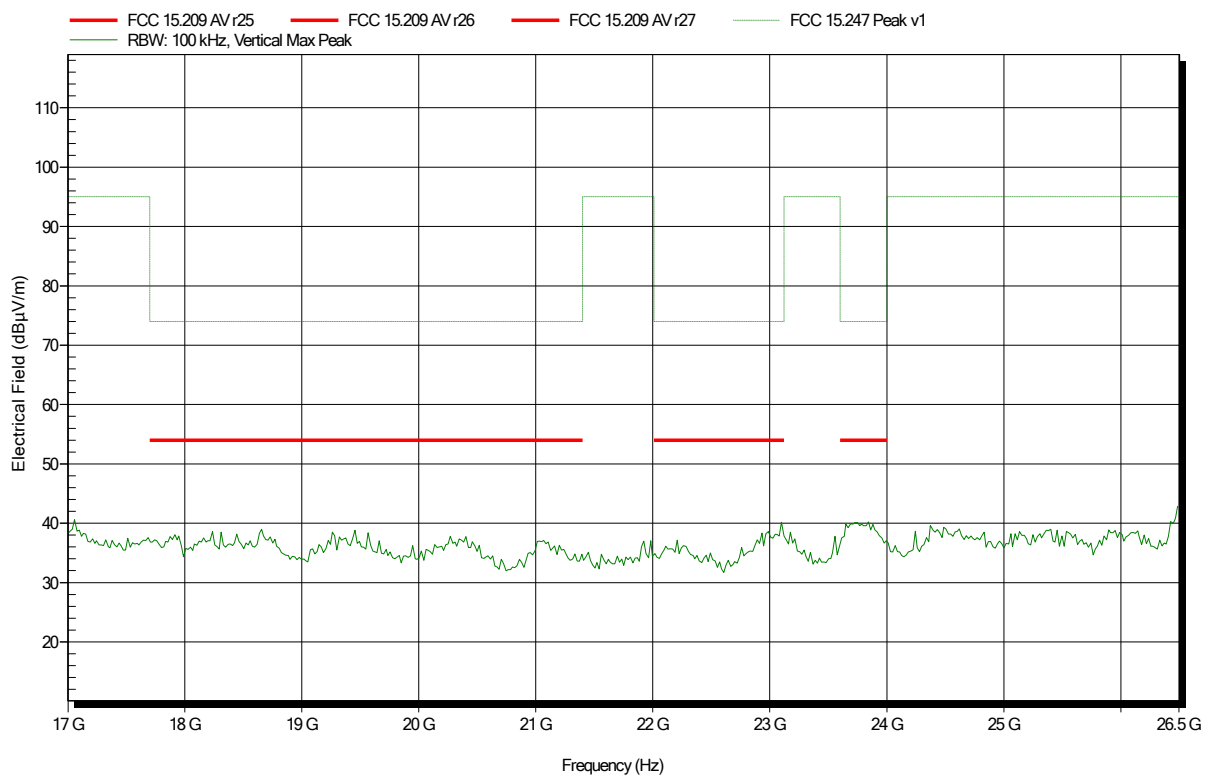


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.4°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: ATH18G40, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (1-DH5)
Test Date: 2018-02-27
Note:

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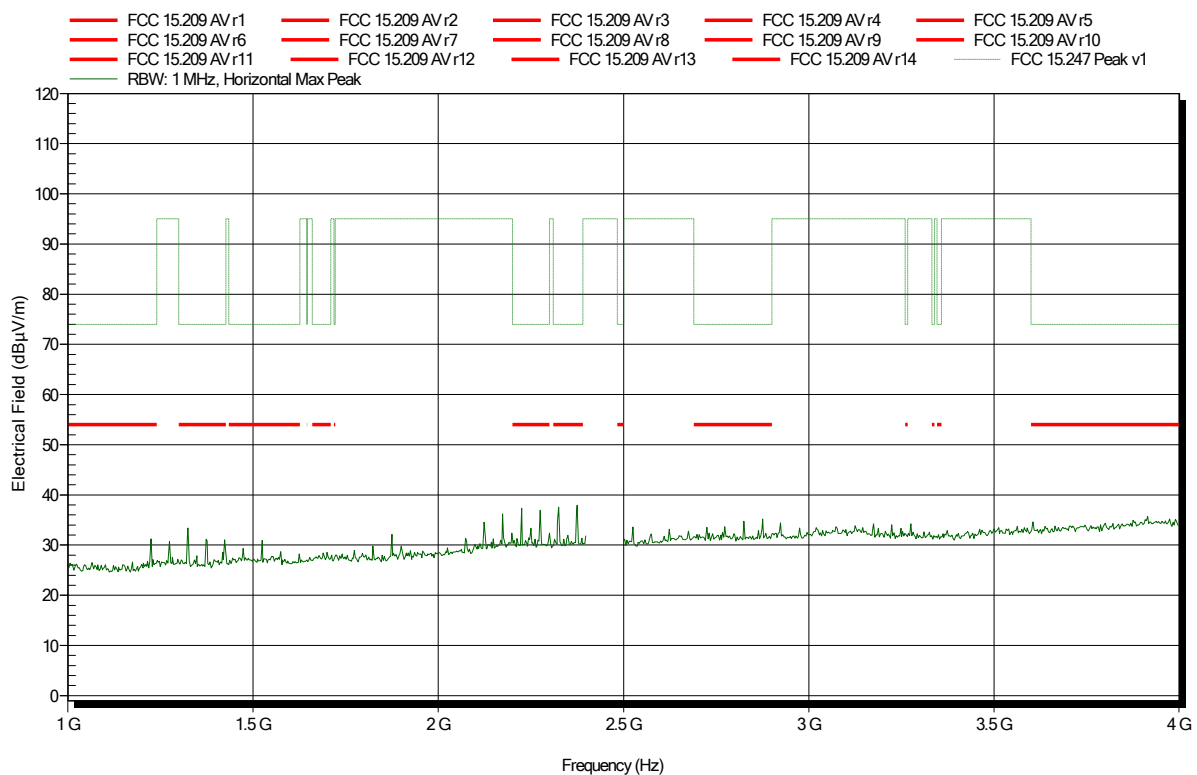


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m
Mode: TX; BT; 2480 MHz (2-DH5)
Test Date: 2018-03-08
Note:

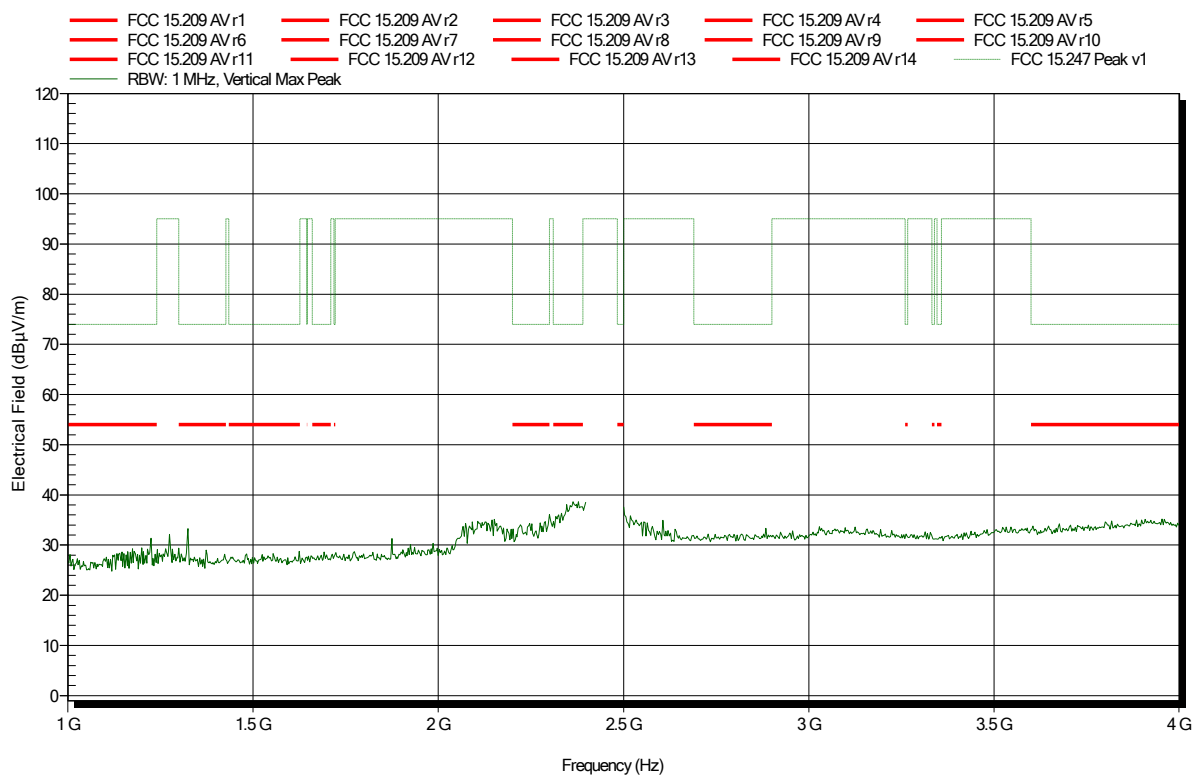
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Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167
 Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: TX; BT; 2480 MHz (2-DH5)
 Test Date: 2018-03-08
 Note:

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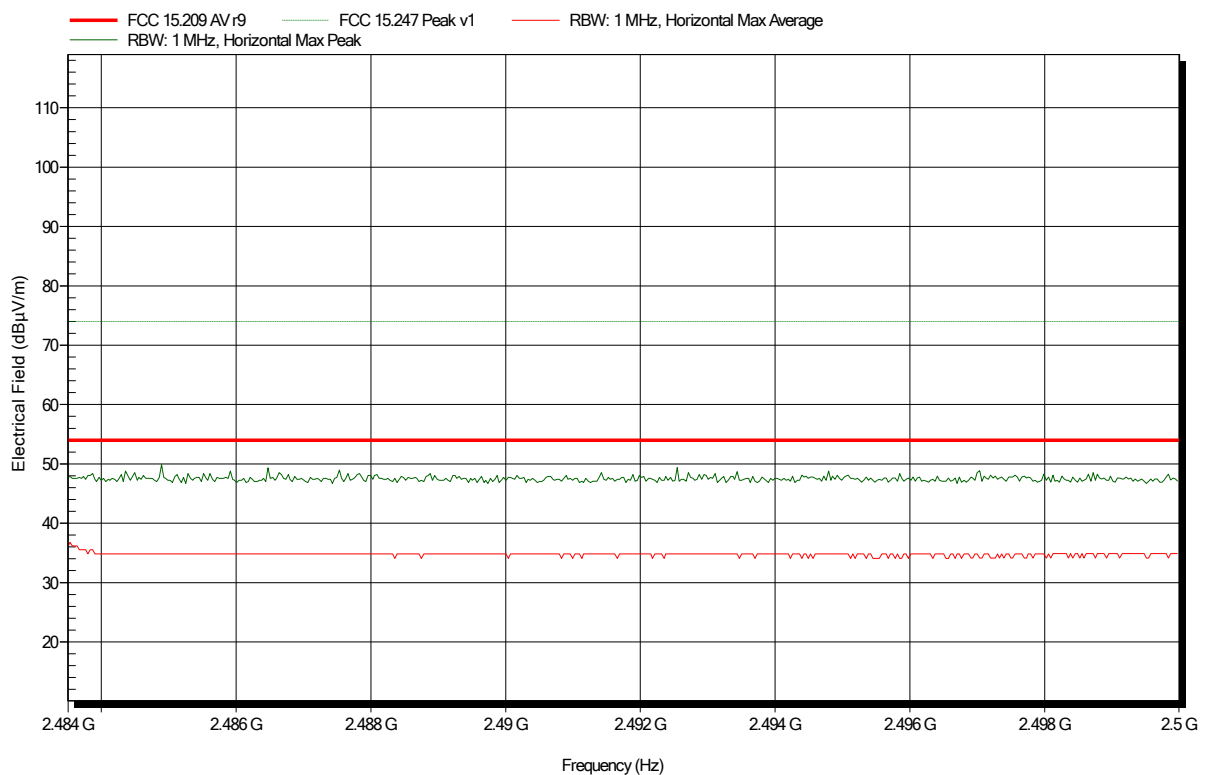


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 3 m
Mode: TX; BT; 2480 MHz (2-DH5)
Test Date: 2018-03-08
Note: upper bandedge

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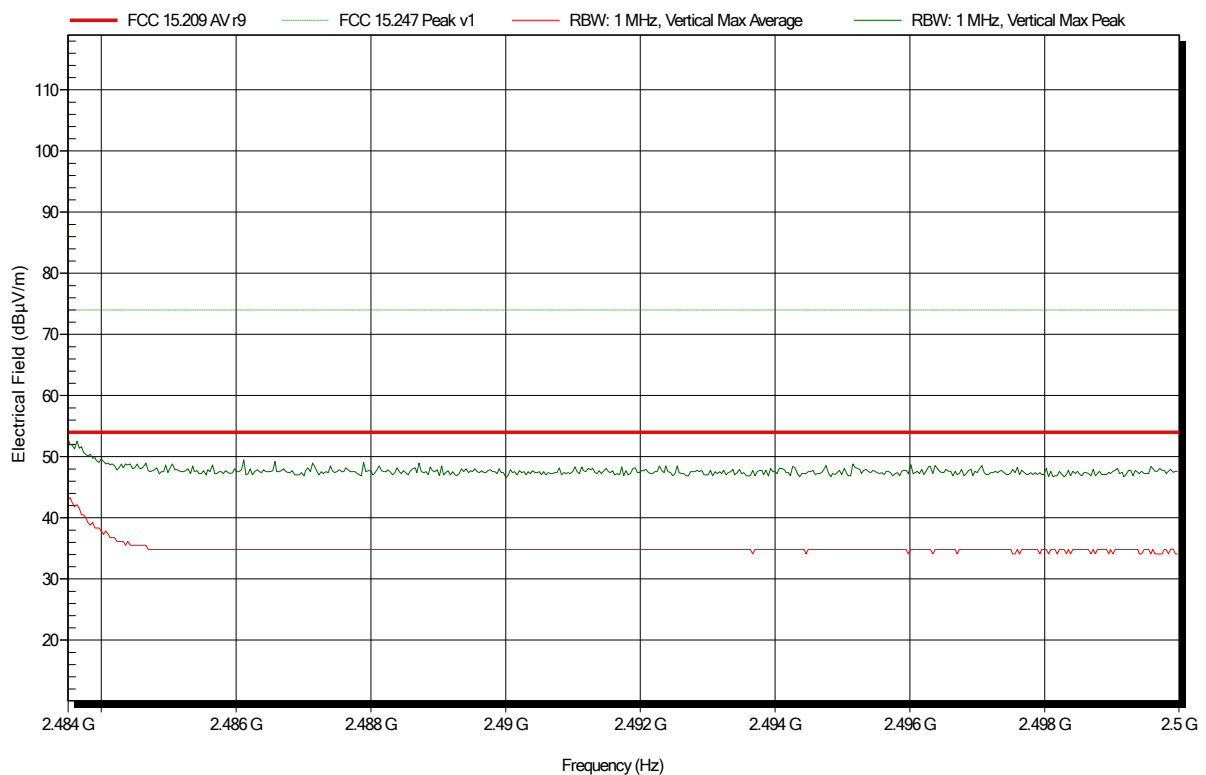


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: TX; BT; 2480 MHz (2-DH5)
 Test Date: 2018-03-08
 Note: Upper bandedge

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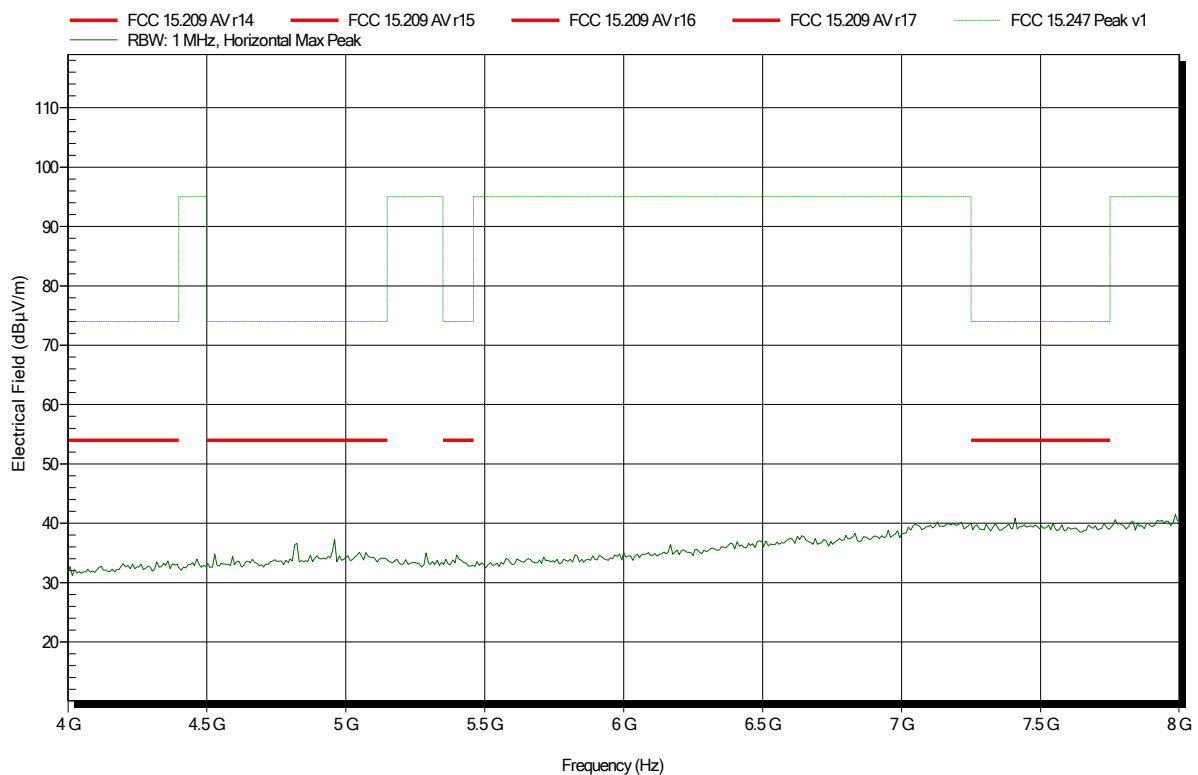


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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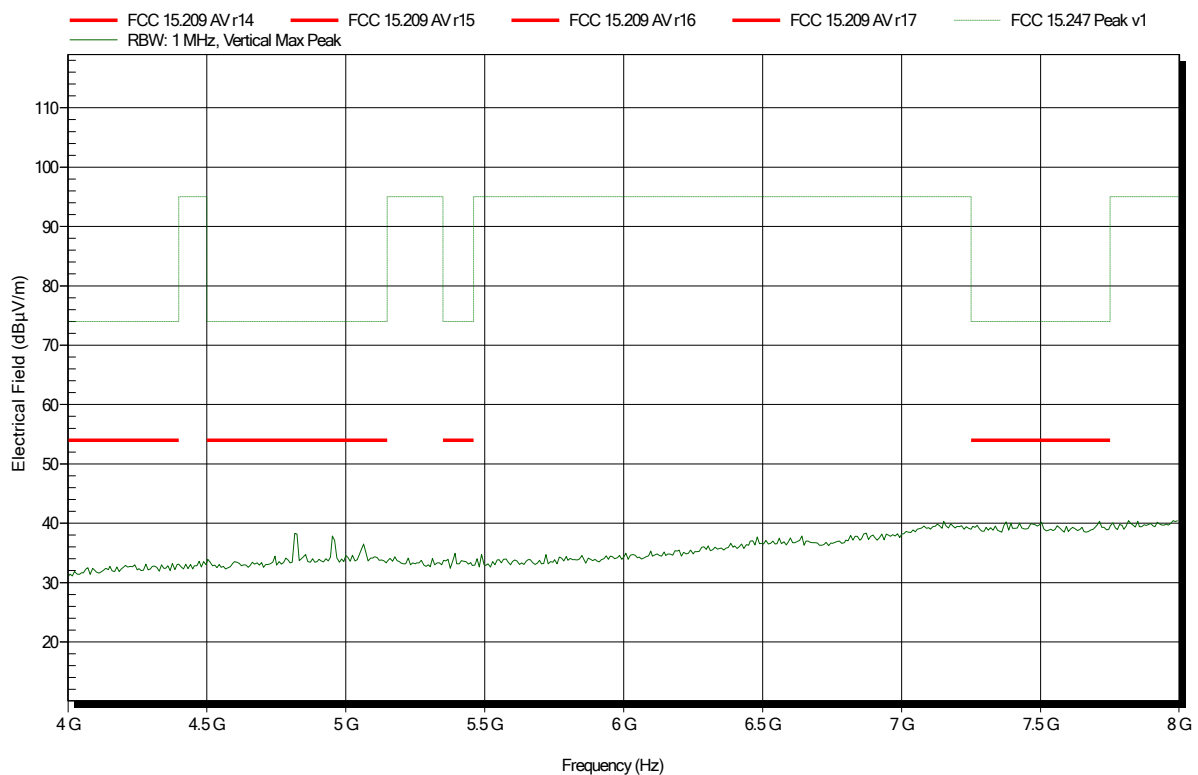


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (2-DH5)
Test Date: 2018-03-08
Note:

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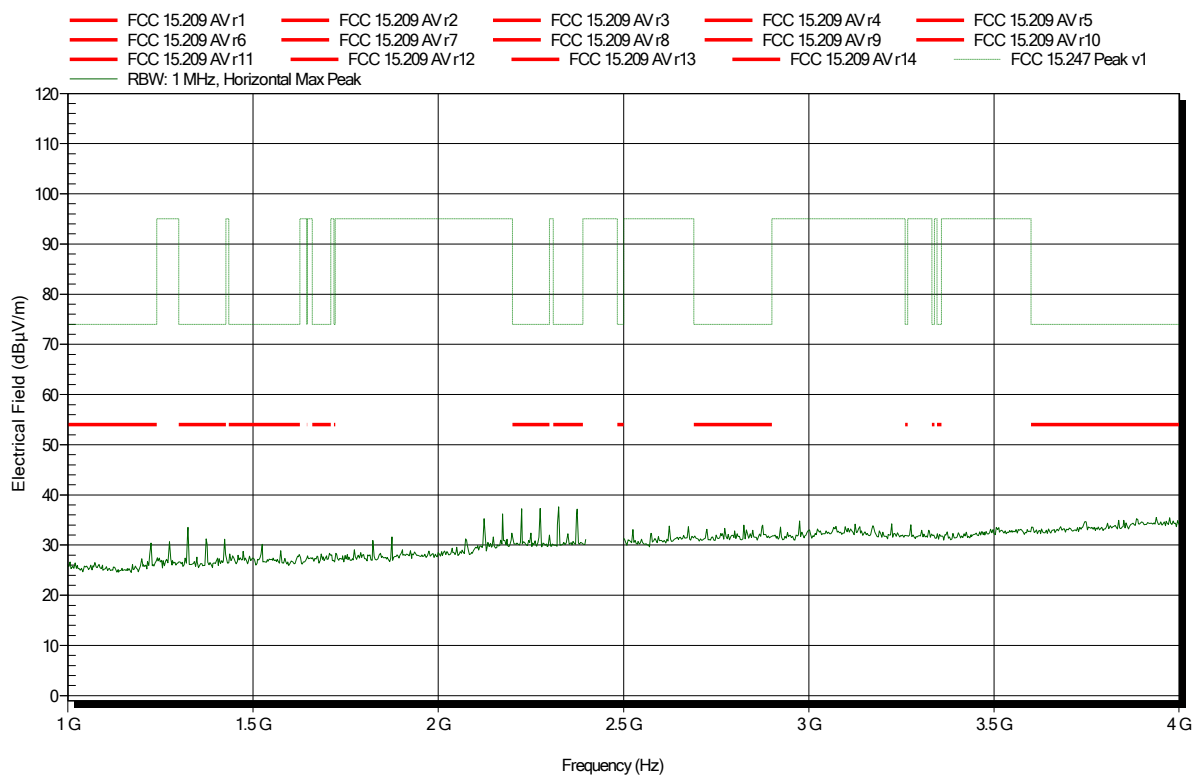


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m
Mode: TX; BT; 2480 MHz (3-DH5)
Test Date: 2018-03-08
Note:

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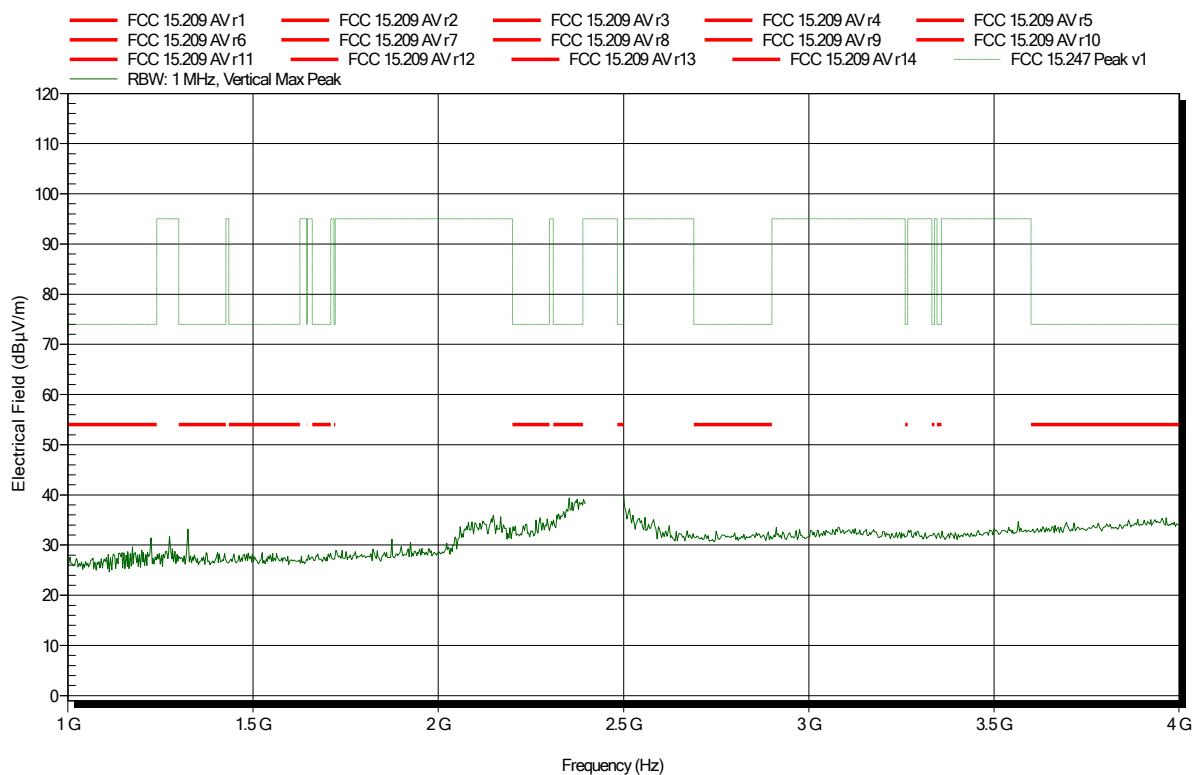


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: TX; BT; 2480 MHz (3-DH5)
 Test Date: 2018-03-08
 Note:

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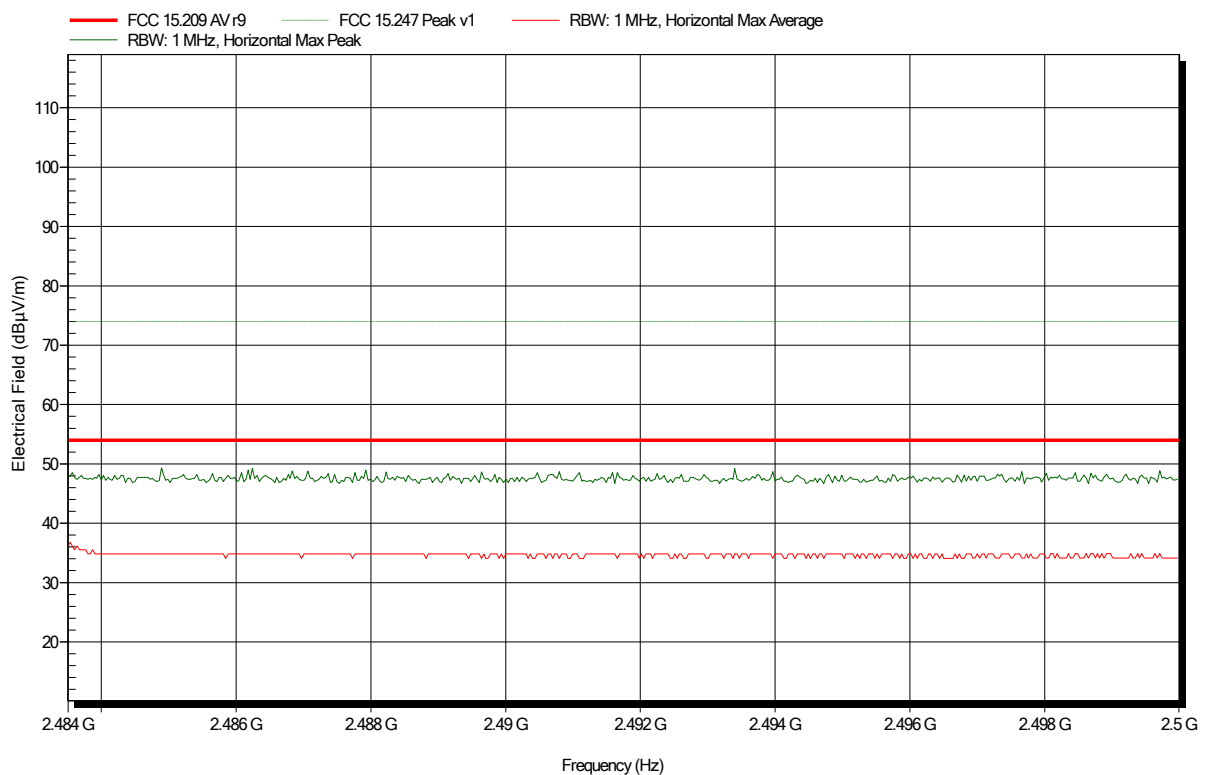


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 3 m
Mode: TX; BT; 2480 MHz (3-DH5)
Test Date: 2018-03-08
Note: upper bandedge

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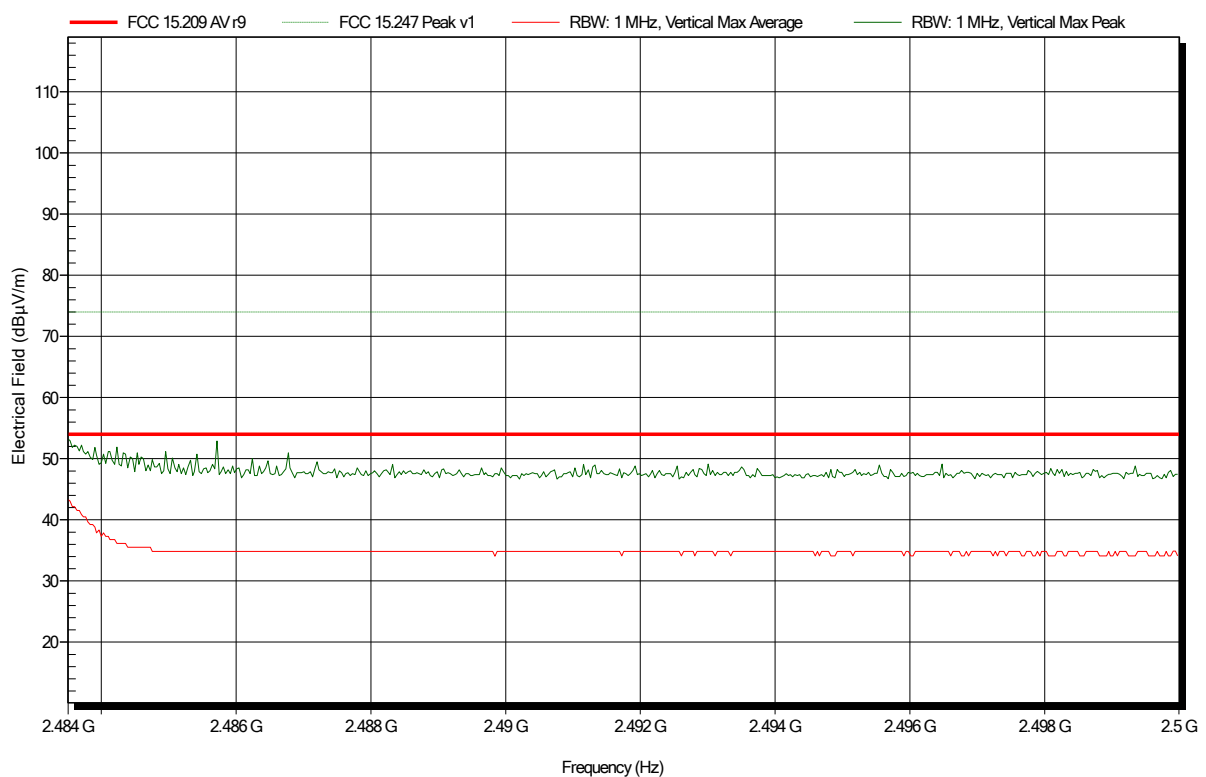


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: TX; BT; 2480 MHz (3-DH5)
 Test Date: 2018-03-08
 Note: Upper bandedge

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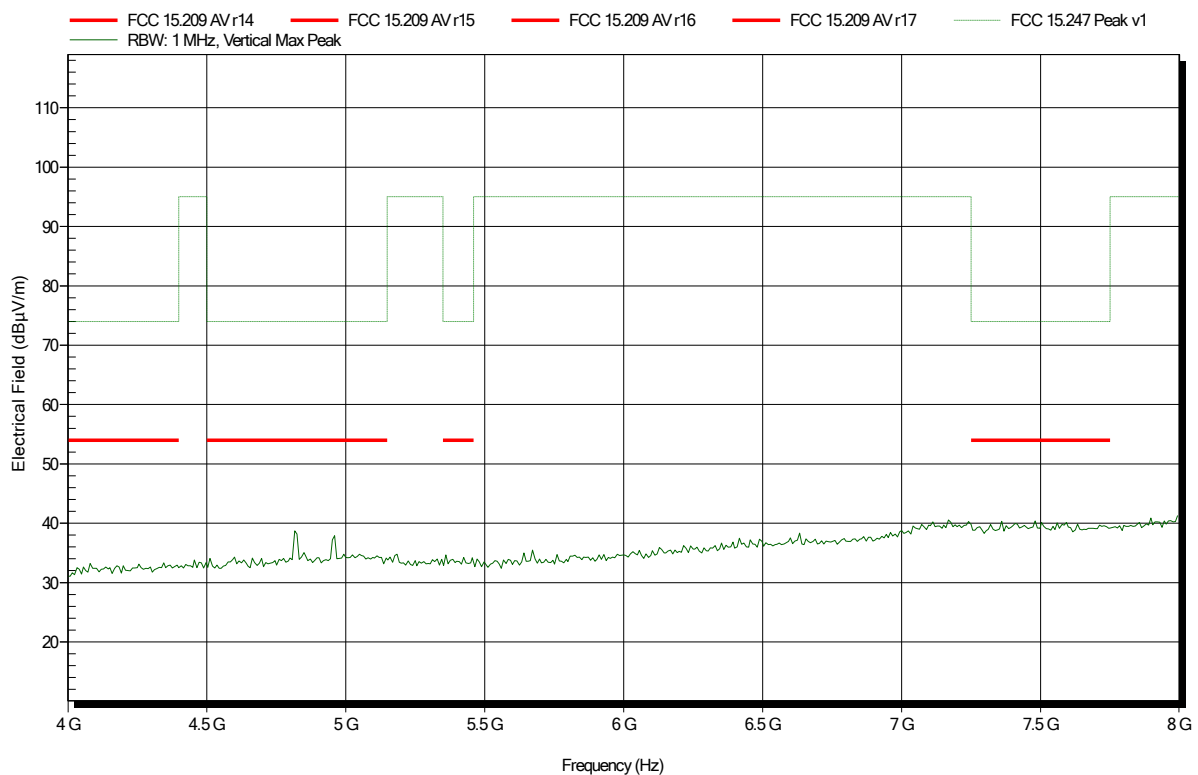


Spurious emissions according to FCC part 15 Subpart C § 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 23.9°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 1 m converted to 3m
Mode: TX; BT; 2480 MHz (3-DH5)
Test Date: 2018-03-08
Note:

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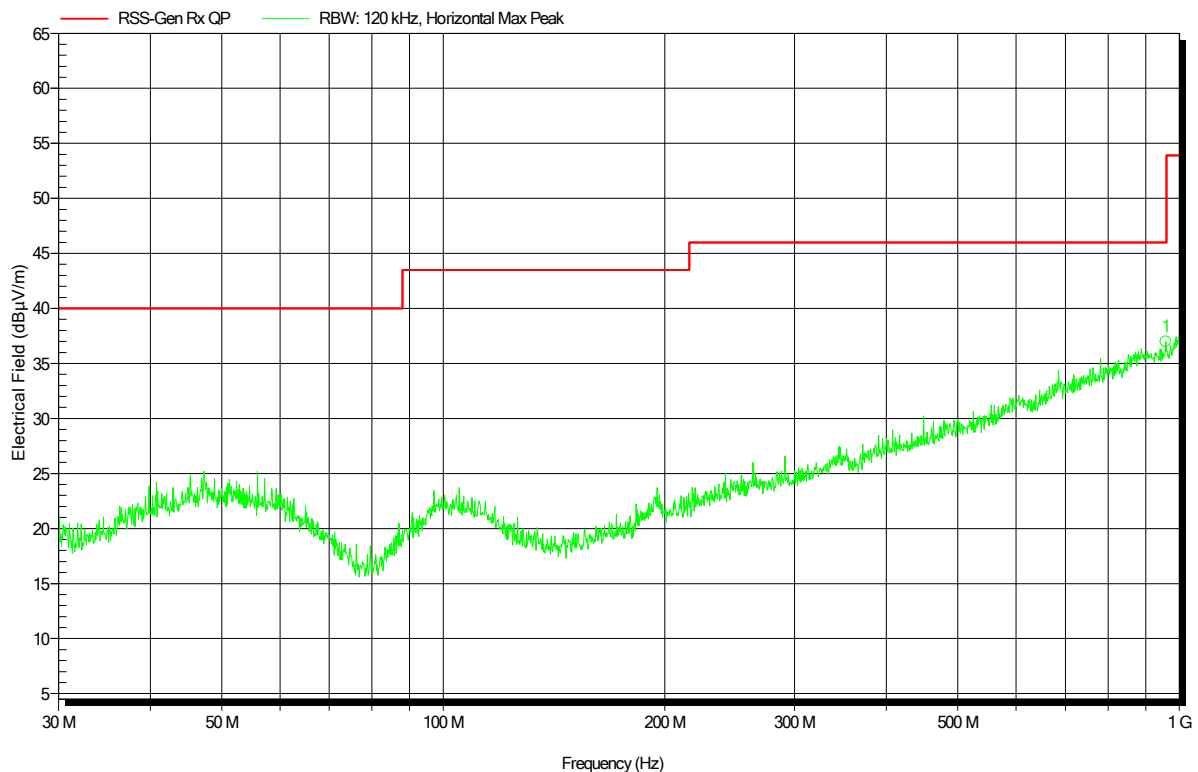
ANNEX B Receiver spurious emissions

Spurious emissions according to FCC 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 22.3°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck VULB 9162, Horizontal
 Measurement distance: 3 m
 Mode: RX; BT; 2441 MHz
 Test Date: 2018-02-24
 Note:

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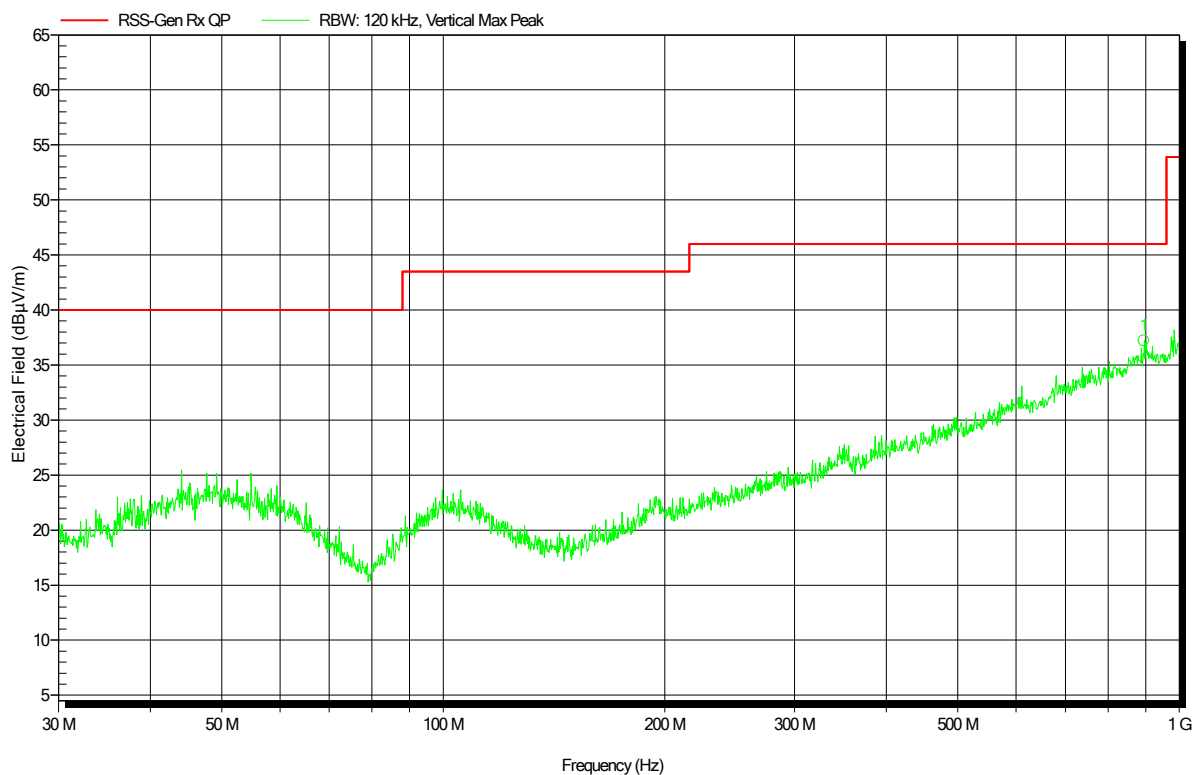
Frequency	Peak	Peak Limit	Peak Difference	Status
958.08 MHz	37 dBµV/m	46 dBµV/m	-9.0 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 22.3°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck VULB 9162, Vertical
 Measurement distance: 3 m
 Mode: RX; BT; 2441 MHz
 Test Date: 2018-02-24
 Note:

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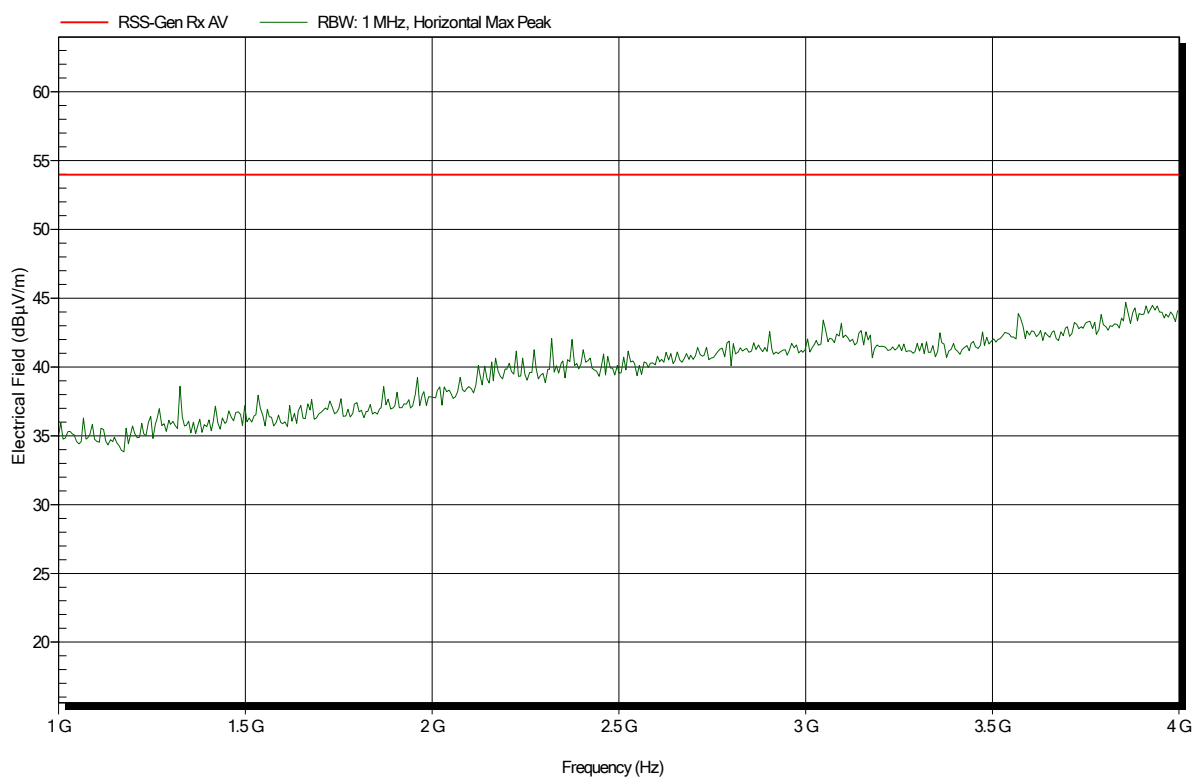
Frequency	Peak	Peak Limit	Peak Difference	Status
894.6 MHz	37.2 dBµV/m	46 dBµV/m	-8.8 dB	Pass

Spurious emissions according to ISED RSS-247, I2

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 24.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 3 m
 Mode: RX; BT; 2441 MHz
 Test Date: 2018-02-27
 Note:

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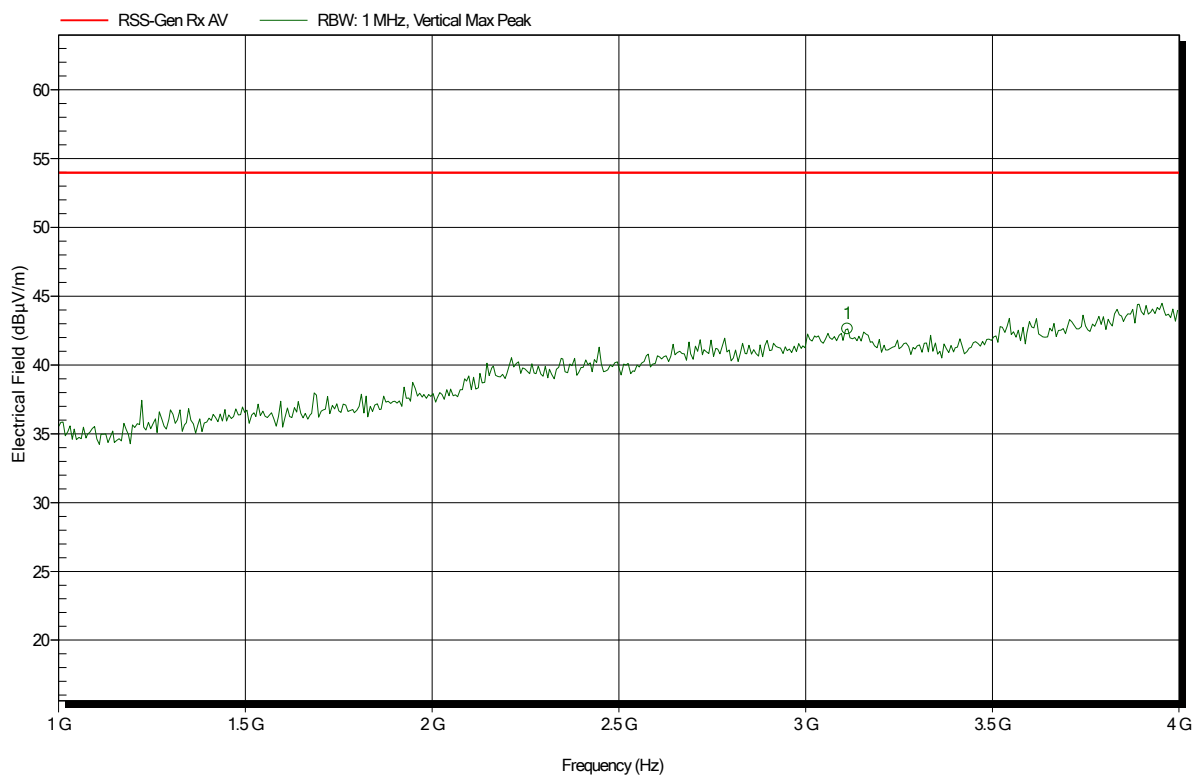


Spurious emissions according to ISED RSS-247, I2

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 24.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: RX; BT; 2441 MHz
 Test Date: 2018-02-27
 Note:

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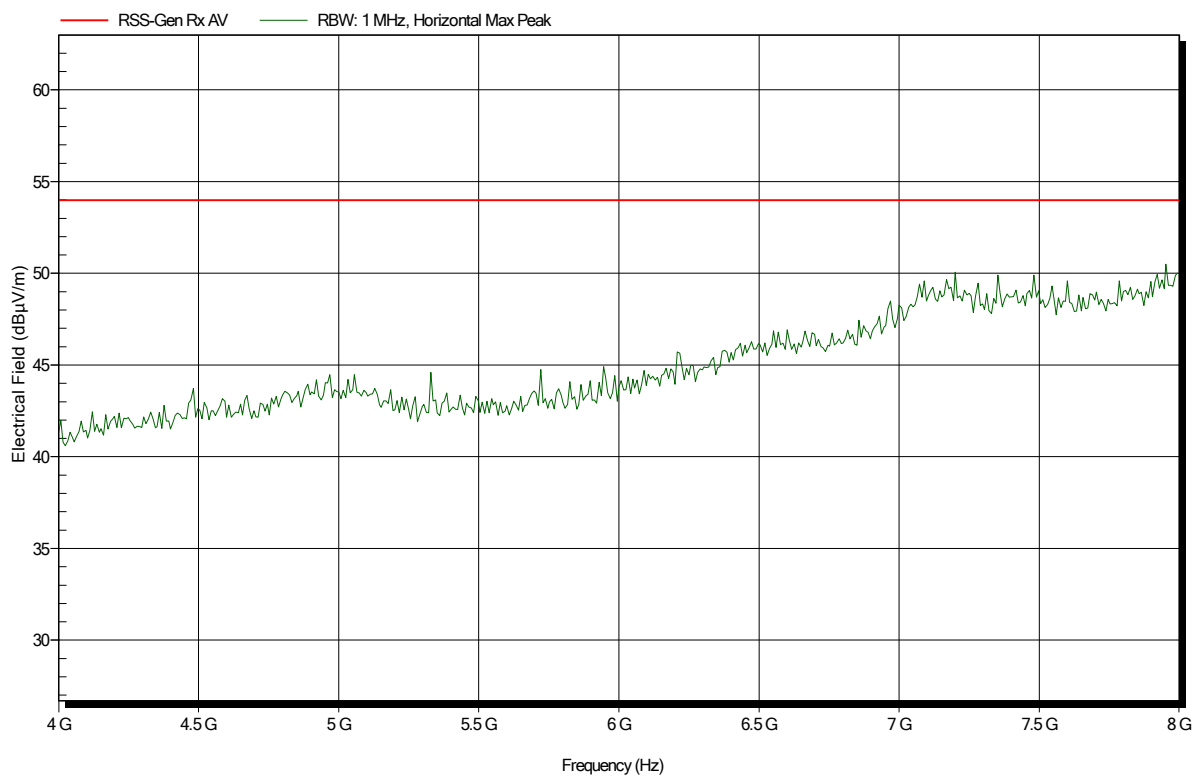
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
3.112 GHz	42.63 dBµV/m	53.98 dBµV/m	-11.35 dB	Pass

Spurious emissions according to ISED RSS-247, I2

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 24.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 3 m
 Mode: RX; BT; 2441 MHz
 Test Date: 2018-02-27
 Note:

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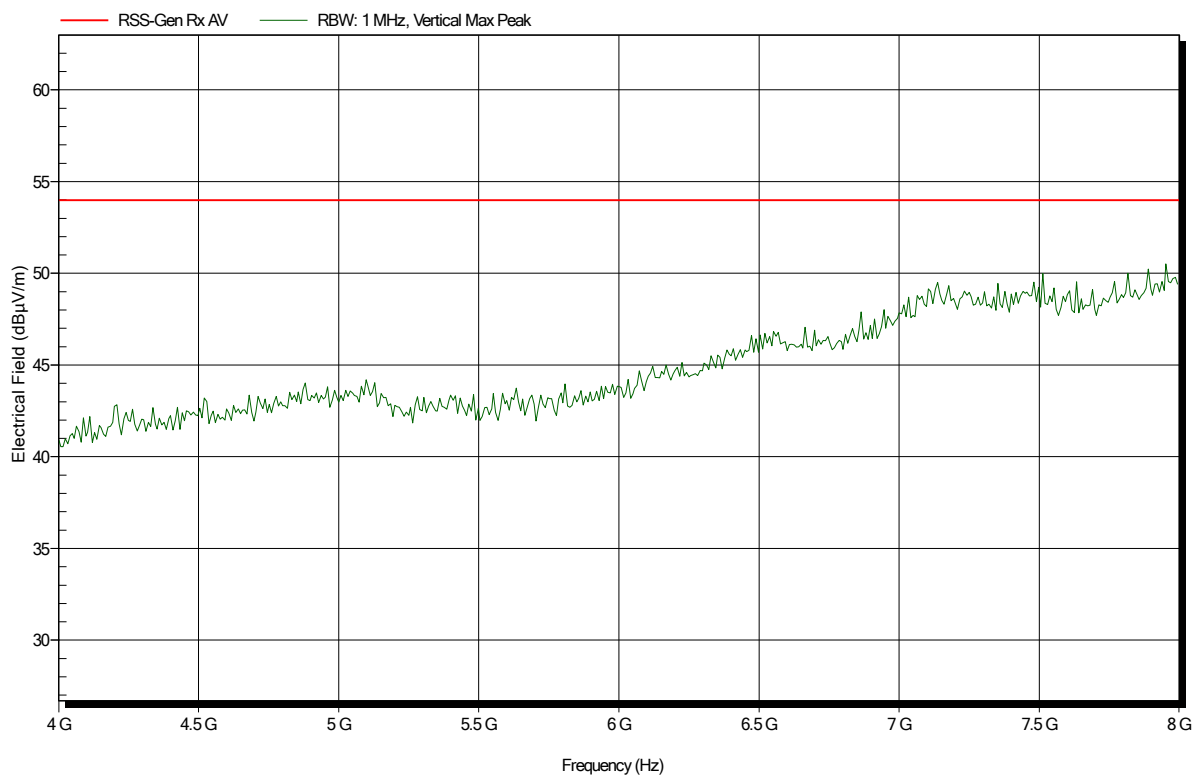


Spurious emissions according to ISED RSS-247, I2

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 24.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Vertical
Measurement distance: 3 m
Mode: RX; BT; 2441 MHz
Test Date: 2018-02-27
Note:

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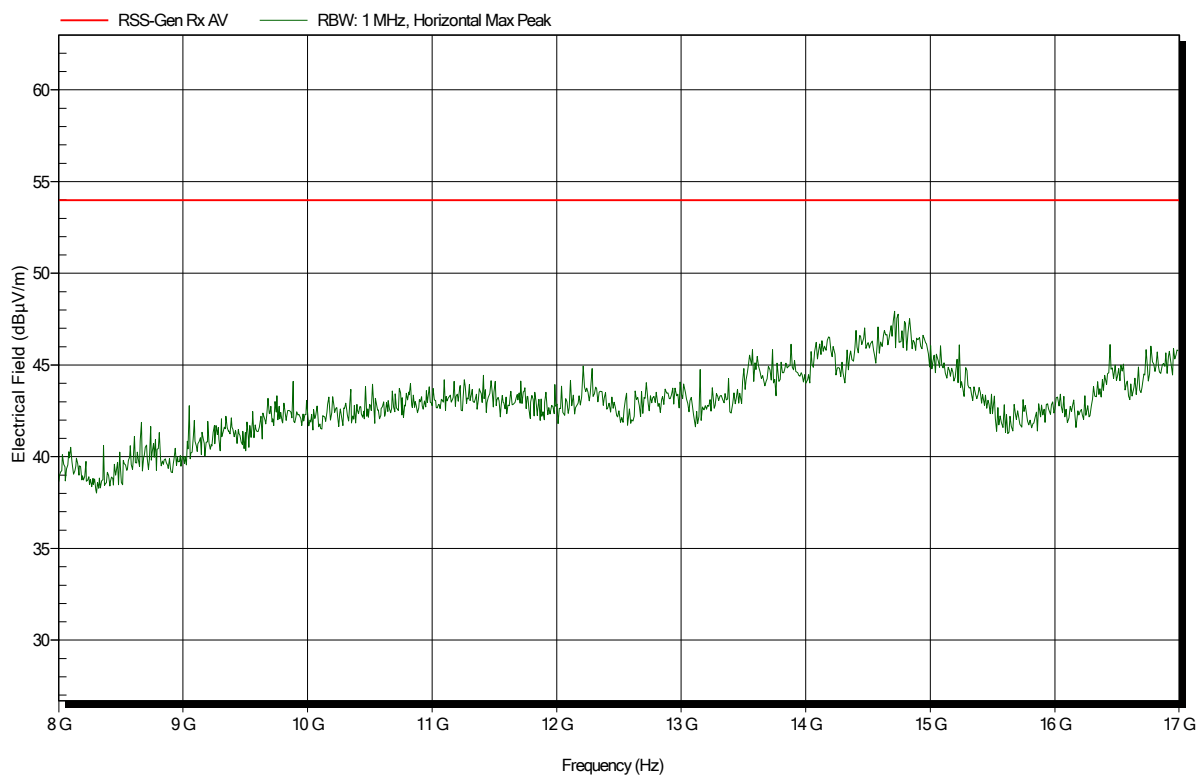


Spurious emissions according to ISED RSS-247, I2

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
EUT Name: Laser Distance Meter
Model: Leica BLK3D
Test Site: Eurofins Product Service GmbH
Operator: Abdullah Al Jamal
Test Conditions: Tnom: 24.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
Antenna: Schwarzbeck BBHA 9120D, Horizontal
Measurement distance: 1 m converted to 3m
Mode: RX; BT; 2441 MHz
Test Date: 2018-02-27
Note:

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Spurious emissions according to ISED RSS-247, I2

Project number: G0M-1801-7167

Applicant: Leica Geosystems AG
 EUT Name: Laser Distance Meter
 Model: Leica BLK3D
 Test Site: Eurofins Product Service GmbH
 Operator: Abdullah Al Jamal
 Test Conditions: Tnom: 24.8°C, Vnom: 3.8 VDC (rechargeable battery pack Li-Ion)
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m converted to 3m
 Mode: RX; BT; 2441 MHz
 Test Date: 2018-02-27
 Note:

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