RADIO REPORT

FCC 47 CFR Part 15C
ISED Canada RSS-247

Digital transmission systems operating within the 2400 – 2483.5 MHz band

Report Reference No	G0M-1905-8271-TFC247WF-V01
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	DAkkS - Registration number : D-PL-12092-01-03 (ISED) ISED Testing Laboratory site: 3470A-2 DAkkS - Registration number : D-PL-12092-01-04 (FCC) FCC Filed Test Laboratory, Reg.-No.: 96970
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 RSS-Gen, Issue 5, Amendment 1, 2019-03
Non-Standard Test Method	None
Equipment under Test (EUT):	
Product Description	Imaging Laser Scanner
Model(s)	BLK2GO
Additional Model(s)	None
Brand Name(s)	Leica
Hardware Version(s)	HW Rev. B
Software Version(s)	EDM FPGA SW V1.3; Main_FPGA SW V0.4; Alcapone SW V.0.4.8; Android V. 3.1
FCC-ID	RFD-BLK2GO
IC	3177A-BLK2GO
Test Result	**PASSED**

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	2019-07-15	
Report:		
Compiled by	Toralf Jahn	
Tested by (+ signature) (Responsible for Test)	Toralf Jahn	 .....
Approved by (+ signature) (Head of Lab)	Christian Weber	 .....
Date of Issue	2019-09-30	
Total number of pages	92	
General Remarks:		
The test results presented in this report relate only to the object tested. **The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.** This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.		
Additional Comments:		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2019-09-30	Initial Release	

ABBREVIATIONS AND ACRONYMS

Acronyms	
Acronym	Description
BPSK	Binary Phase Shift Keying
DSSS	Direct Sequence Spread Spectrum
EUT	Equipment Under Test
FCC	Federal Communications Commission
HT	High Throughput
IEEE 802.11	MAC and PHY Layer for WiFi
ISED	Innovation, Science and Economic Development Canada
OFDM	Orthogonal Frequency Division Multiplexing
QAM	Quadrature Amplitude Modulation
QPSK	Quadrature Phase Shift Keying
RBW	Resolution bandwidth
RMS	Root mean square
VBW	Video bandwidth
V_{NOM}	Nominal supply voltage

REPORT INDEX

1 Equipment (Test Item) Under Test

Description	Imaging Laser Scanner	
Model	BLK2GO	
Additional Model(s)	None	
Brand Name(s)	Leica	
Serial Number(s)	3630026	
Hardware Version(s)	HW Rev. B	
Software Version(s)	EDM FPGA SW V1.3; Main_FPGA SW V0.4; Alcapone SW V.0.4.8; Android V. 3.1	
PMN	BLK2GO	
HVIN	BLK2GO	
FVIN	EDM FPGA SW V1.3 - MAIN_FGPA SW V0.4 - ALCAPONE SW V0.4.8 - ANDROID V3.1	
HMN	-	
FCC-ID	RFD-BLK2GO	
IC	3177A-BLK2GO	
Equipment type	End Product	
Radio type	Transceiver	
Assigned frequency bands	2400 - 2483.5 MHz	
Radio technology	IEEE 802.11 b/g/n (HT20 + HT40)	
Modulation	BPSK, QPSK, 16-QAM, 32-QAM	
Number of antenna ports	2	
Radio Module	Type	WLAN, Bluetooth
	Model	NFA324A-12H32
	Manufacturer	Foxconn
	HW Version	V02
	SW Version	BSP 3.1
Antenna 1	Type	Integral
	Model	2458N (120-232-01)
	Manufacturer	Wepotec electronic solutions gmbh
	Gain	-2.9 dBi
Antenna 2	Type	Integral
	Model	2458S (120-233-01)
	Manufacturer	Wepotec electronic solutions gmbh
	Gain	-3.1 dBi
Supply Voltage	V_{NOM}	7.2 VDC battery
Operating Temperature	T_{NOM}	20 °C
AC/DC-Adaptor	Model	None
	Vendor	None
	Input	None
	Output	None
Manufacturer	Leica Geosystems AG Heinrich Wild Strasse 9435 Heerbrugg SWITZERLAND	

1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
AE	Laptop	Lenovo	T440	Disconnected during measurements.
SFT	Radio Control Toolkit	Qualcomm	QRCT	Setting radio parameters.
CBL	USB cable	AUKEY	USB 3.0	For test mode only. Setting radio parameters. Connected during measurements.
AE	External batterie adaptor	Leica	GLK821	For test mode only. Connected during measurements.
Description:				
AE	Auxiliary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
SFT	Software			
Comment:				

1.5 Test mode duty cycle

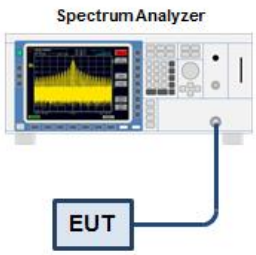
1.5.1 Information

Test Information	
Measurement Method	ANSI C63.10 11.6

1.5.2 Requirements

Requirements	
Duty cycle	Duty cycle correction
≥ 98 %	No correction required
< 98 %	Correction required (10 x Log_{10}(1/DC)

1.5.3 Setup

Test Setup


1.5.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSIQ26	EF00242	2019-07	2020-07

1.5.5 Procedure

Test Procedure
1. EUT set to test mode 2. Span is set to zero span 3. Detector set to peak 4. Sweep time is set long enough to capture at least 5 bursts 5. Envelope peak value of emission spectrum is selected 6. The maximum burst duration T_{ON} is measured using two markers set to the start and the end of the longest burst 7. The minimum idle duration T_{OFF} is measured using two markers set to the start and the end of the shortest idle period 8. The duty cycle is calculated by DC = T_{ON} / (T_{ON} + T_{OFF}) 9. The duty cycle correction is calculated by DC = 10 x Log_{10}(T_{ON} / (T_{ON} + T_{OFF}))

1.5.6 Results

Duty Cycle Results		
Mode	Duty Cycle	Correction Factor [dB]
DSSS	99%	N/R
HT20	98%	N/R
HT40	98%	N/R

1.6 Test Modes

Mode	Description
DSSS (IEEE 802.11b)	Mode = Transmit Modulation = BPSK Spreading = DSSS Bandwidth = 20 MHz Duty cycle = 99% Power setting = 15 Data rate = 1 Mbps
HT20 (IEEE 802.11n)	Mode = Transmit Modulation = BPSK Spreading = OFDM Bandwidth = 20 MHz Duty cycle = 98% Power setting (2 Simultaneous Tx) = 15 MCS (2 Simultaneous Tx) = 8
HT40 (IEEE 802.11n)	Mode = Transmit Modulation = BPSK Spreading = OFDM Bandwidth = 40 MHz Duty cycle = 98% Power setting (2 Simultaneous Tx) = 15 MCS (2 Simultaneous Tx) = 8
Receive	Mode = Receive
Comment: The above settings were found as worst case during pre-tests.	

1.7 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx / Rx	1	2412
F2	Tx / Rx	3	2422
F3	Tx / Rx	6	2437
F4	Tx / Rx	9	2452
F5	Tx / Rx	11	2462

1.8 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/m) = 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/m	= 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**
ISED RSS-Gen, Issue 5 (section 6.6)	Occupied Bandwidth	ANSI C63.10-2013	N/R	Informational only
FCC § 15.247(a)(2) ISED RSS-247, Issue 2 (section 5.2)	6 dB Bandwidth	ANSI C63.10-2013	N/T	
FCC § 15.247(b)(1) ISED RSS-247, Issue 2 (section 5.4)	Maximum peak conducted power	ANSI C63.10-2013	N/T	
FCC § 15.247(e) ISED RSS-247, Issue 2 (section 5.2)	Power spectral density	ANSI C63.10-2013	N/T	
FCC § 15.207 ISED RSS-247, Issue 2 (section 3.1)	AC power line conducted emissions	ANSI C63.10-2013	N/R	battery only
FCC § 15.247(d) ISED RSS-247, Issue 2 (section 5.5)	Band edge compliance	ANSI C63.10-2013	N/T	
FCC § 15.247(d) ISED RSS-247, Issue 2 (section 5.5)	Conducted spurious emissions	ANSI C63.10-2013	N/T	
FCC § 15.247(d) FCC § 15.209 ISED RSS-Gen, Issue 5 (section 6.13)	Transmitter radiated spurious emissions	ANSI C63.10-2013	PASS	
ISED RSS-247, Issue 2 (section 3.1)	Receiver radiated spurious emissions	ANSI C63.10-2013	PASS	
Comment:				

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

3 Test Conditions and Results

3.1 Test Conditions and Results - Transmitter radiated emissions

3.1.1 Information

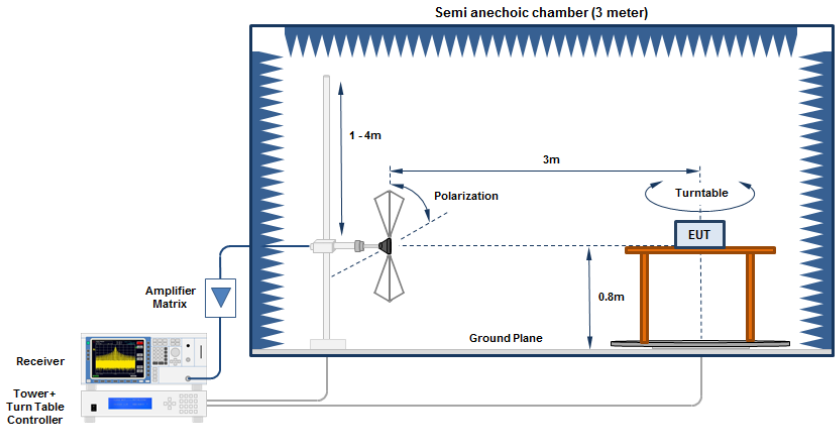
Test Information	
Reference	FCC § 15.247(d); FCC § 15.209; ISED RSS-Gen, Issue 5 (section 6.13)
Measurement Method	ANSI C63.10 6.4, 6.5, 6.6, 11.12
Operator	Toralf Jahn
Date	2019-07-26

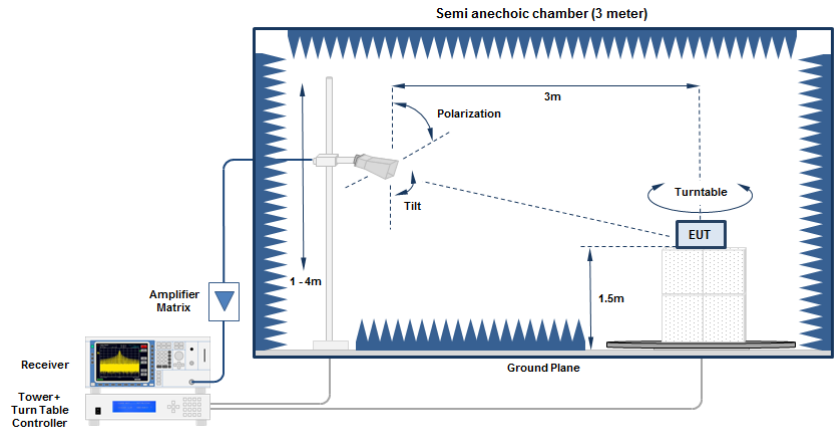
3.1.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [µV/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

3.1.3 Setup

Test Setup 30 - 1000 MHz



Test Setup > 1 GHz


3.1.4 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	RadiMation	2015.2.4

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2018-07	2021-07
Measurement Receiver	R&S	ESU 26	EF00887	2019-07	2020-07
Antenna	R&S	HK 116	EF00030	2019-04	2022-04
Antenna	R&S	HL 223	EF00212	2019-05	2020-05

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2018-07	2021-07
Measurement Receiver	R&S	ESU 26	EF00887	2019-07	2020-07
Antenna	Schwarzbeck	BBHA 9120D	EF00018	2016-09	2019-09
Antenna	Amplifier Research	AT4560	EF00302	2019-05	2020-05

3.1.5 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

3.1.6 Results

Test Results - DSSS						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2437	111.3309	27.70	qpk	hor	43.50	-15.78
2437	111.3363	35.60	qpk	ver	43.50	-07.89
2437	610.9096	38.60	qpk	hor	46.00	-07.38
2437	611.2996	38.60	qpk	ver	46.00	-07.38
2412	2390	49.16	pk	hor	74.00	-24.84
2412	2390	36.32	RMS	hor	54.00	-17.68
2412	2390	52.33	pk	ver	74.00	-21.67
2412	2390	41.41	RMS	ver	54.00	-12.59
2412	4824	42.92	pk	hor	74.00	-31.08
2412	4824	38.65	RMS	hor	54.00	-15.35
2412	4824	44.37	pk	ver	74.00	-29.63
2412	4824	40.40	RMS	ver	54.00	-13.60
2437	2397	56.89	pk	ver	95.00	-38.11
2437	2484	56.98	pk	ver	74.00	-17.02
2437	2484	47.94	RMS	ver	54.00	-06.06
2437	4874	41.03	pk	hor	74.00	-32.97
2437	4874	35.78	RMS	hor	54.00	-18.22
2437	4874	43.44	pk	ver	74.00	-30.56
2437	4874	38.96	RMS	ver	54.00	-15.04
2462	2484	48.27	pk	hor	74.00	-25.73
2462	2484	37.44	RMS	hor	54.00	-16.56
2462	2484	53.35	pk	ver	74.00	-20.65
2462	2484	42.82	RMS	ver	54.00	-11.18
2462	4924	41.90	pk	hor	74.00	-32.10
2462	4924	36.83	RMS	hor	54.00	-17.17
2462	4924	42.58	pk	ver	74.00	-31.42
2462	4924	37.66	RMS	ver	54.00	-16.34

Test Results - HT20						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2412	2390	56.77	pk	hor	74.00	-17.23
2412	2390	43.29	RMS	hor	54.00	-10.71
2412	2390	57.19	pk	ver	74.00	-16.81
2412	2390	43.71	RMS	ver	54.00	-10.29
2412	4823	56.85	pk	ver	74.00	-17.15
2412	4823	47.02	RMS	ver	54.00	-06.98
2412	4825	51.34	pk	hor	74.00	-22.66
2412	4825	40.54	RMS	hor	54.00	-13.46
2437	4875	52.92	pk	hor	74.00	-21.08
2437	4875	42.63	RMS	hor	54.00	-11.37
2437	4876	59.85	pk	ver	74.00	-14.15
2437	4876	48.89	RMS	ver	54.00	-05.11
2462	2484	51.83	pk	hor	74.00	-22.17
2462	2484	40.54	RMS	hor	54.00	-13.46

2462	2484	56.01	pk	ver	74.00	-17.99
2462	2484	44.62	RMS	ver	54.00	-09.38
2462	4925	52.97	pk	hor	74.00	-21.03
2462	4925	42.97	RMS	hor	54.00	-11.03
2462	4926	60.37	pk	ver	74.00	-13.63
2462	4926	50.47	RMS	ver	54.00	-03.53

Test Results - HT40						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2422	2390	66.02	pk	hor	74.00	-07.98
2422	2390	48.85	RMS	hor	54.00	-05.15
2422	2390	65.00	pk	ver	74.00	-09.00
2422	2390	48.54	RMS	ver	54.00	-05.46
2422	4844	49.46	pk	hor	74.00	-24.54
2422	4844	38.80	RMS	hor	54.00	-15.20
2422	4844	53.92	pk	ver	74.00	-20.08
2422	4844	44.96	RMS	ver	54.00	-09.04
2437	4874	48.45	pk	hor	74.00	-25.55
2437	4874	38.03	RMS	hor	54.00	-15.97
2437	4877	54.78	pk	ver	74.00	-19.22
2437	4877	44.79	RMS	ver	54.00	-09.21
2452	2484	60.60	pk	hor	74.00	-13.40
2452	2484	41.10	RMS	hor	54.00	-12.90
2452	2486	68.91	pk	ver	74.00	-05.09
2452	2486	44.25	RMS	ver	54.00	-09.75
2452	4904	51.28	pk	hor	74.00	-22.72
2452	4904	40.84	RMS	hor	54.00	-13.16
2452	4906	57.20	pk	ver	74.00	-16.80
2452	4906	47.08	RMS	ver	54.00	-06.92

3.2 Test Conditions and Results - Receiver radiated emissions

3.2.1 Information

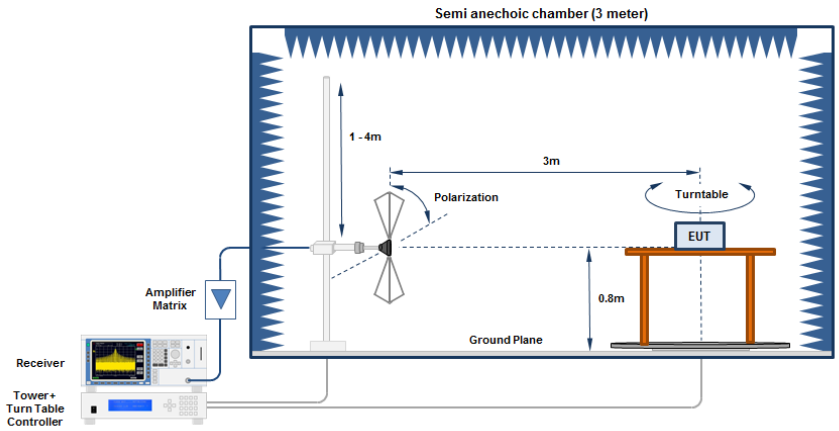
Test Information	
Reference	ISED RSS-247, Issue 2 (section 3.1)
Measurement Method	ANSI C63.10 6.5, 6.6, 11.12
Operator	Toralf Jahn
Date	2019-07-26

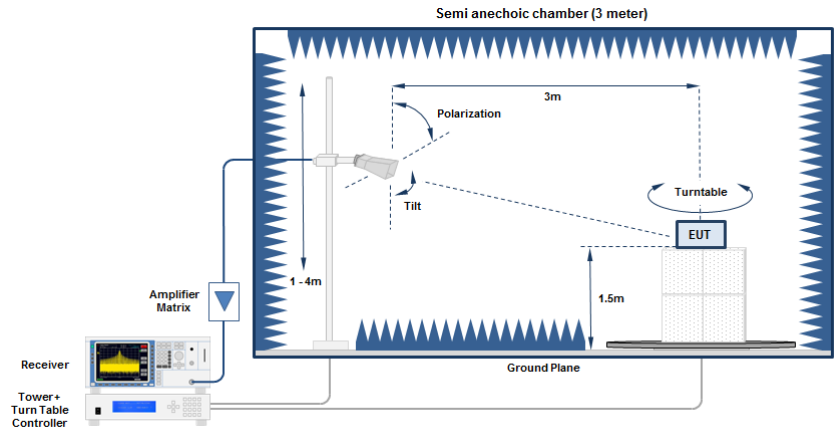
3.2.2 Limits

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

3.2.3 Setup

Test Setup 30 - 1000 MHz



Test Setup > 1 GHz


3.2.4 Equipment

Test Software			
Description	Manufacturer	Name	Version
EMC Software	DARE Instruments	RadiMation	2015.2.4

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2018-07	2021-07
Measurement Receiver	R&S	ESU 26	EF00887	2019-07	2020-07
Antenna	R&S	HK 116	EF00030	2019-04	2022-04
Antenna	R&S	HL 223	EF00212	2019-05	2020-05

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Anechoic Chamber	Frankonia	AC1	EF00062	2018-07	2021-07
Measurement Receiver	R&S	ESU 26	EF00887	2019-07	2020-07
Antenna	Schwarzbeck	BBHA 9120D	EF00018	2016-09	2019-09
Antenna	Amplifier Research	AT4560	EF00302	2019-05	2020-05

3.2.5 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

3.2.6 Results

Test Results						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2412 - 2462	111.2227	33.20	qpk	ver	43.50	-10.26
2412 - 2462	531.2516	41.00	qpk	ver	46.00	-05.05
2412 - 2462	531.2518	39.50	qpk	hor	46.00	-06.54

ANNEX A Transmitter spurious emissions

Spurious emissions according to FCC 15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; IEEE 802.11 b, 2437 MHz
Test Date:	2019-07-26
Note:	

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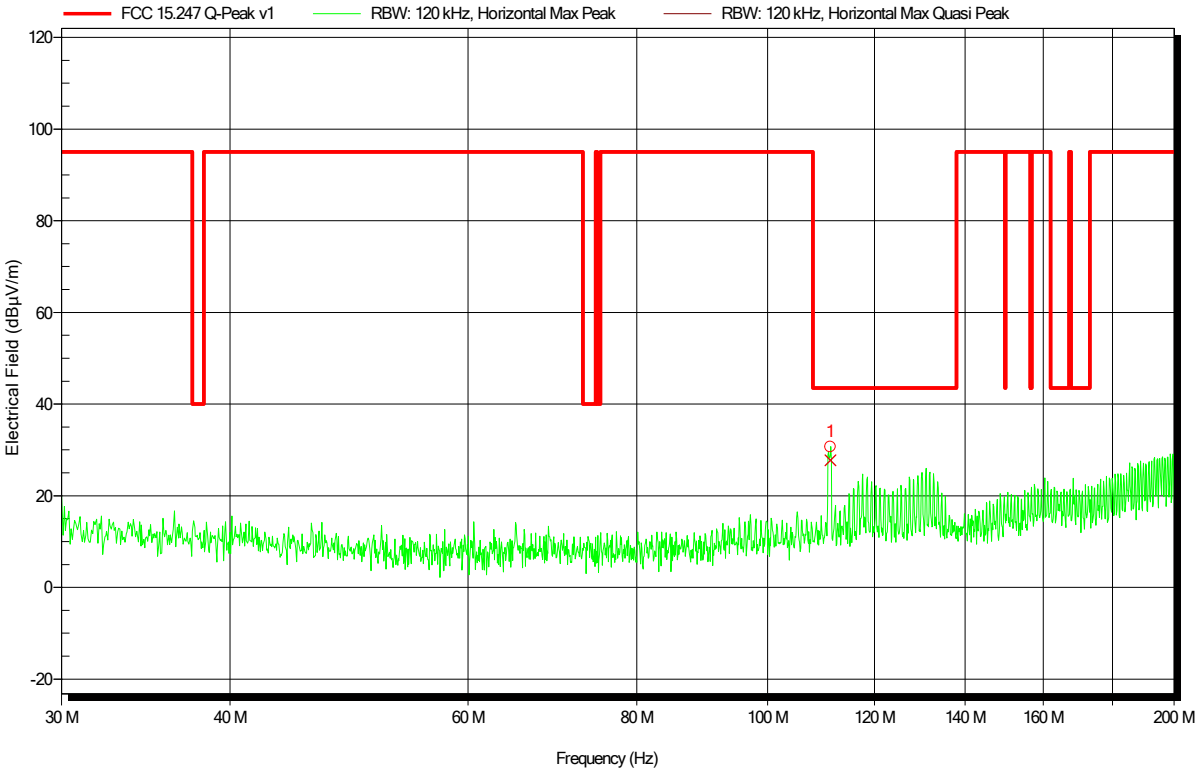

Frequency	Peak	Peak Limit	Peak Difference	Status
111.3309 MHz	30.7 dBµV/m	43.5 dBµV/m	-12.87 dB	Pass

Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status
111.3309 MHz	27.7 dBµV/m	43.5 dBµV/m	-15.78 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	TX; IEEE 802.11 b, 2437 MHz
Test Date:	2019-07-26
Note:	

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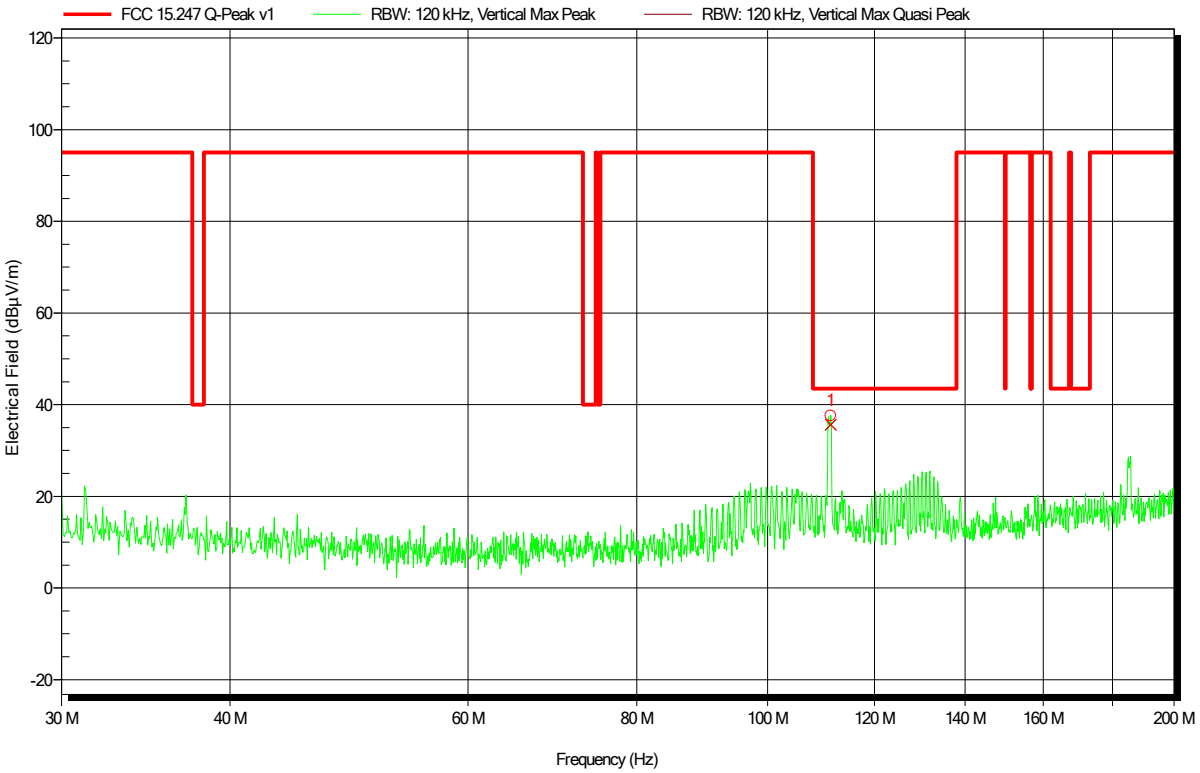

Frequency	Peak	Peak Limit	Peak Difference	Status
111.3363 MHz	37.6 dBµV/m	43.5 dBµV/m	-5.93 dB	Pass

Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status
111.3363 MHz	35.6 dBµV/m	43.5 dBµV/m	-7.89 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; IEEE 802.11 b, 2437 MHz
Test Date:	2019-07-26
Note:	

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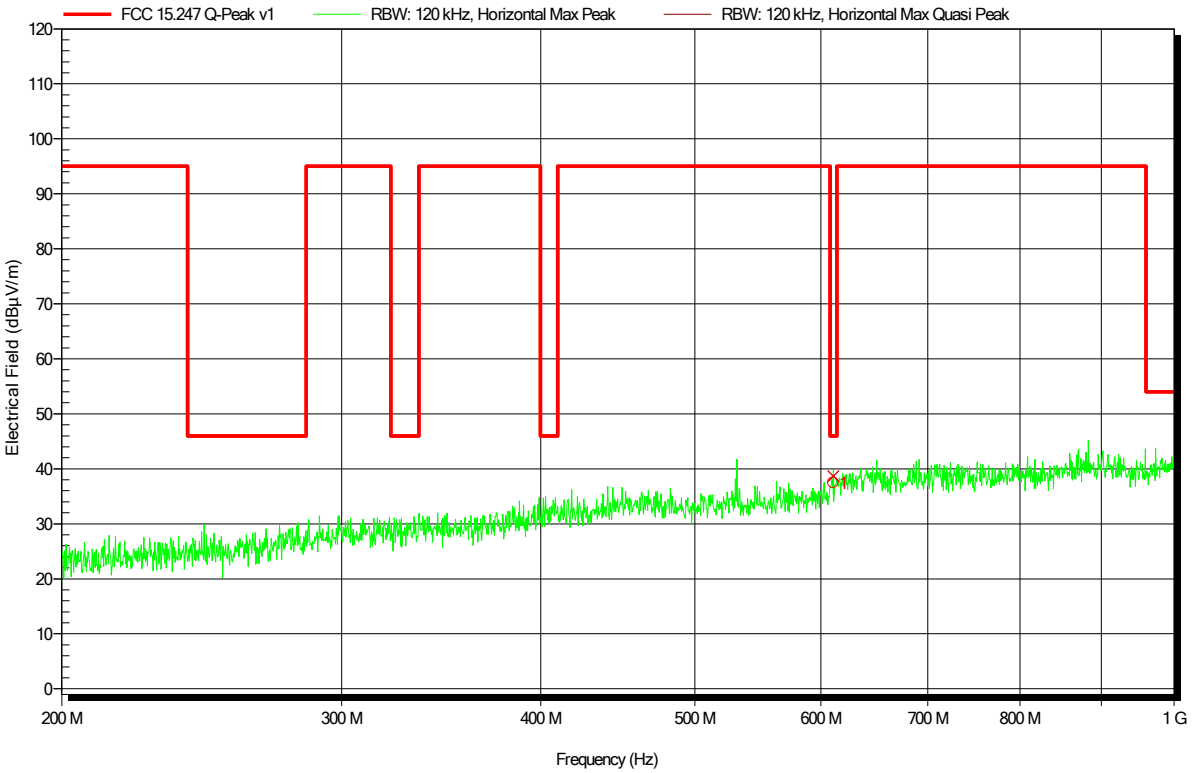

Frequency	Peak	Peak Limit	Peak Difference	Status
610.9096 MHz	37.5 dBµV/m	46 dBµV/m	-8.49 dB	Pass

Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status
610.9096 MHz	38.6 dBµV/m	46 dBµV/m	-7.38 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; IEEE 802.11 b, 2437 MHz
Test Date:	2019-07-26
Note:	

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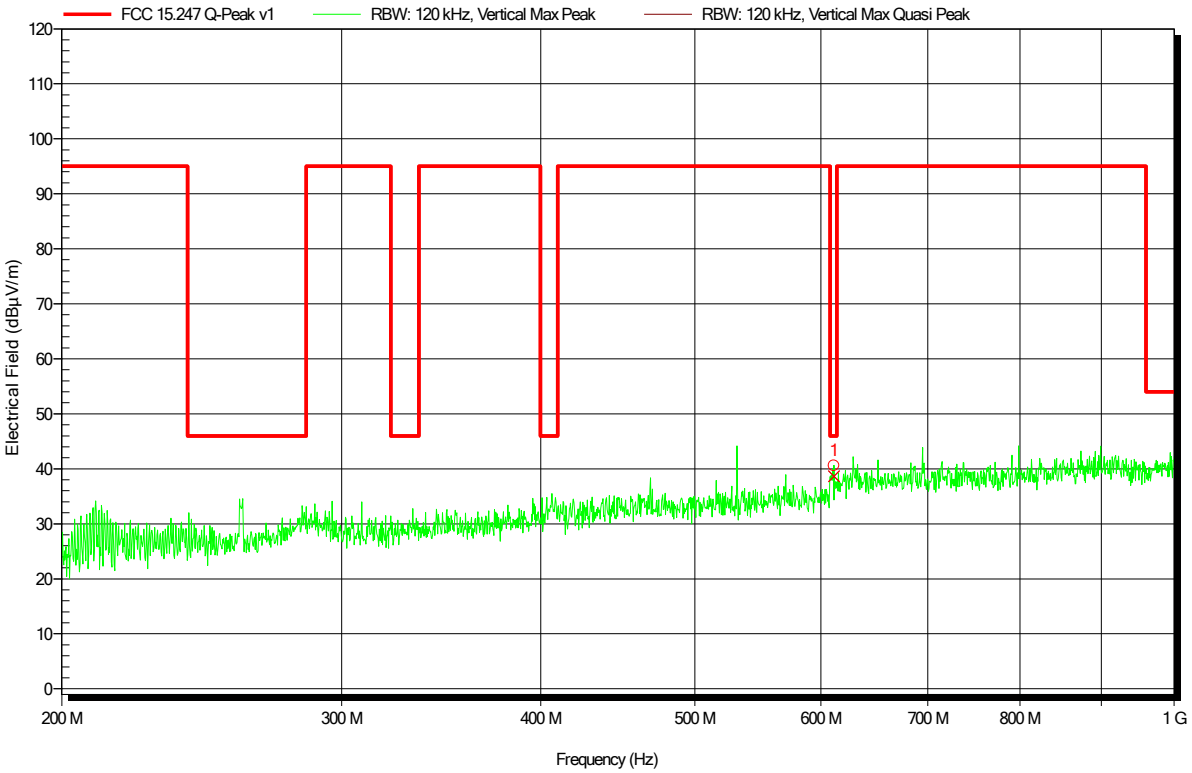

Frequency	Peak	Peak Limit	Peak Difference	Status
611.2996 MHz	40.6 dBµV/m	46 dBµV/m	-5.41 dB	Pass

Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status
611.2996 MHz	38.6 dBµV/m	46 dBµV/m	-7.38 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-25
Note:	Band Edge. Lower Channel.

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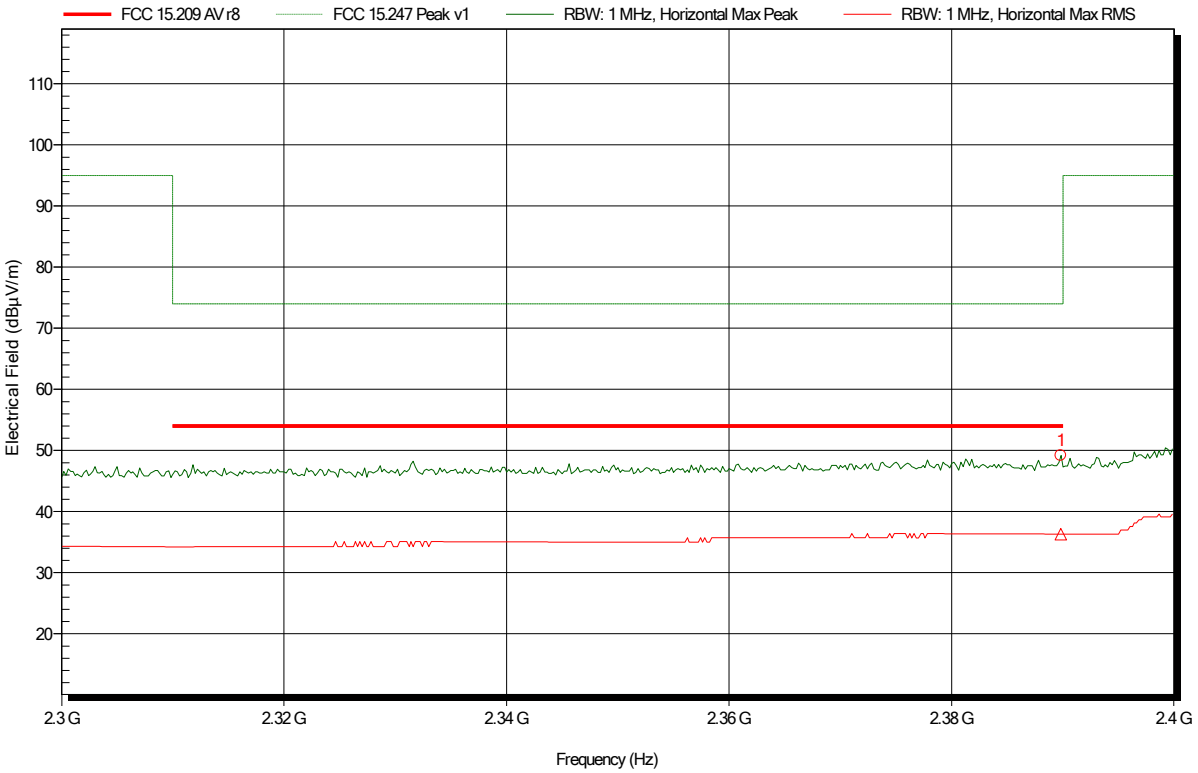

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.39 GHz	49.16 dBµV/m	74 dBµV/m	-24.84 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.39 GHz	36.32 dBµV/m	54 dBµV/m	-17.68 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-25
Note:	Band Edge. Lower Channel.

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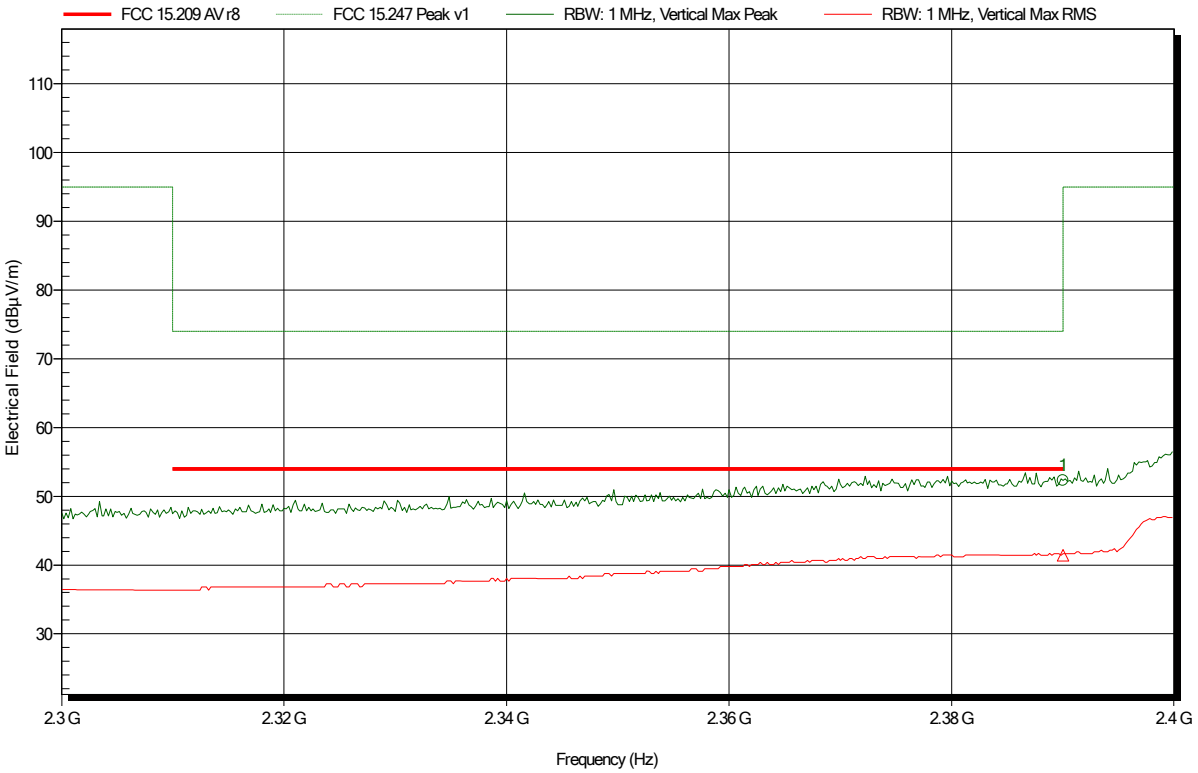

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.39 GHz	52.33 dBµV/m	74 dBµV/m	-21.67 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.39 GHz	41.41 dBµV/m	54 dBµV/m	-12.59 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-25
Note:	Band Edge. Higher Channel.

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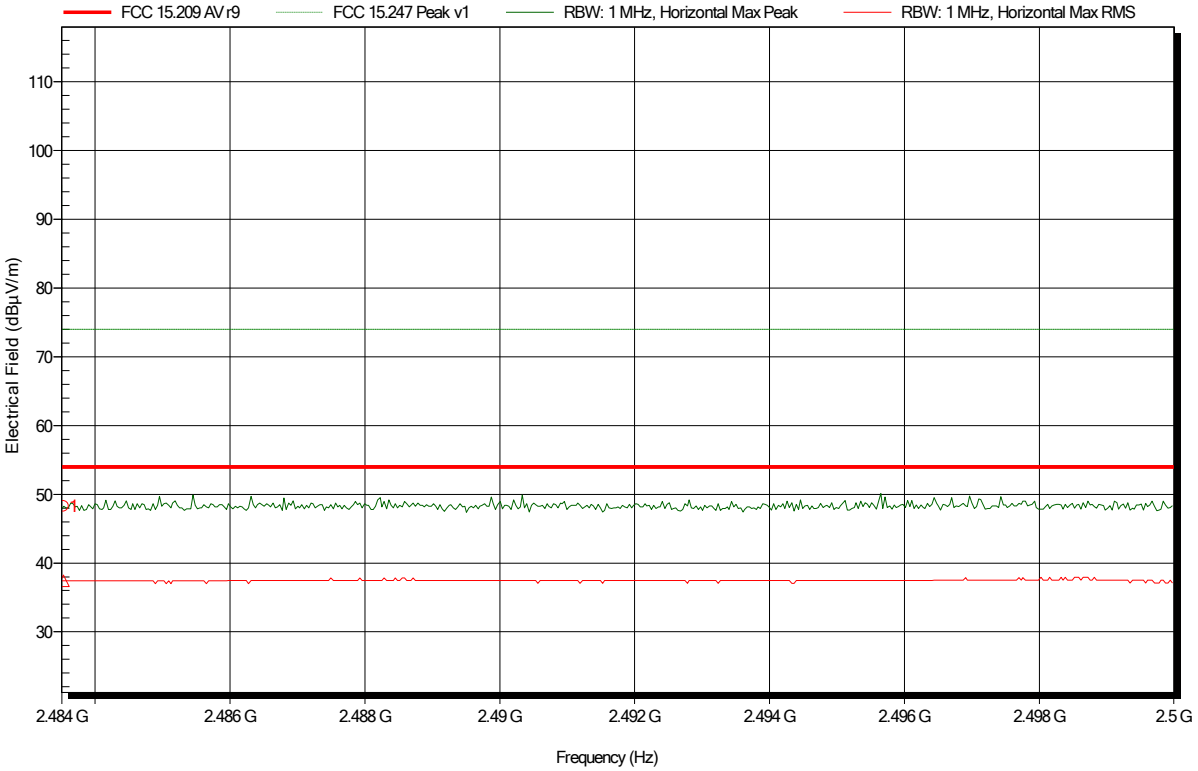

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	48.27 dBµV/m	74 dBµV/m	-25.73 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.484 GHz	37.44 dBµV/m	54 dBµV/m	-16.56 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-25
Note:	Band Edge. Higher Channel.

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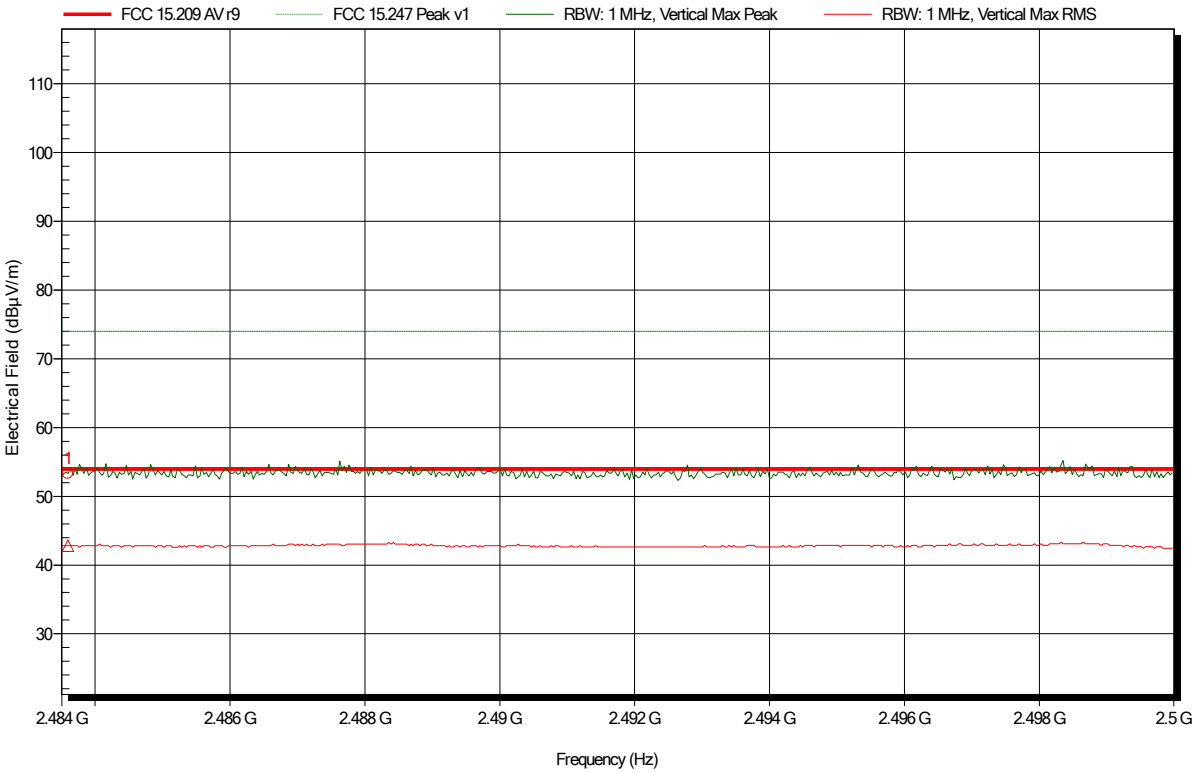

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	53.35 dBµV/m	74 dBµV/m	-20.65 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.484 GHz	42.82 dBµV/m	54 dBµV/m	-11.18 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-25
Note:	

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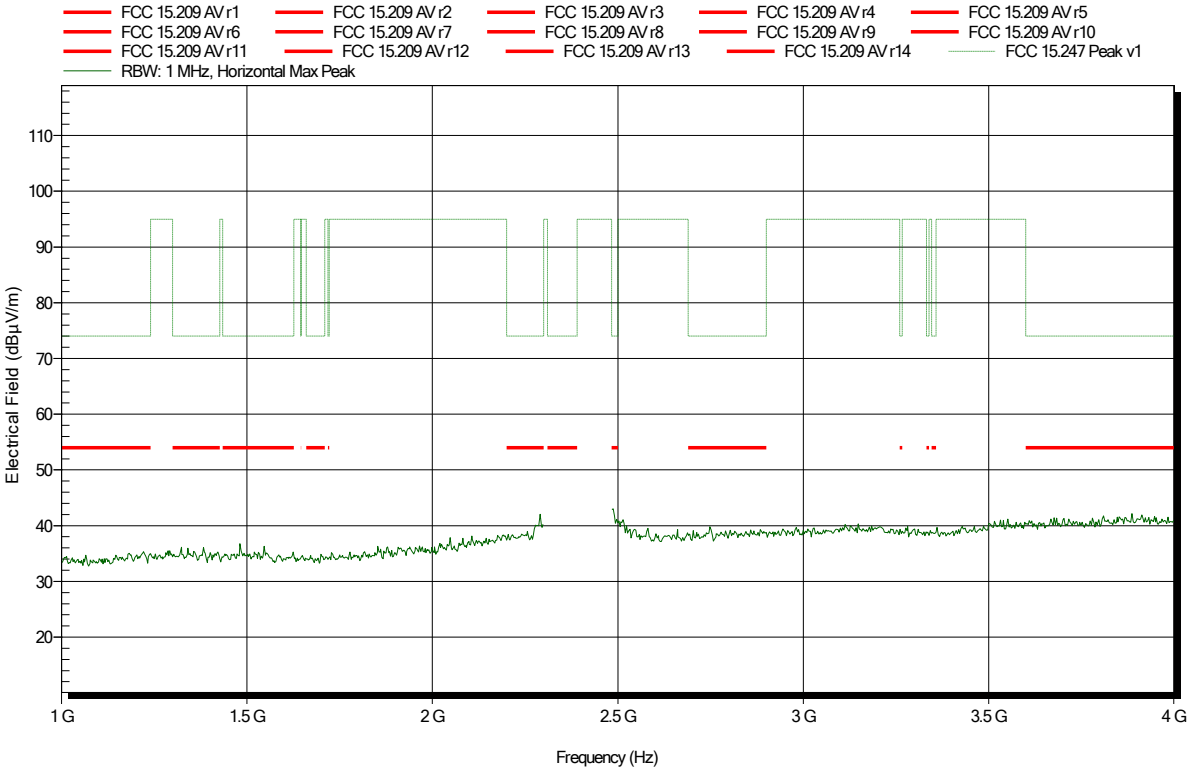

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-25
Note:	

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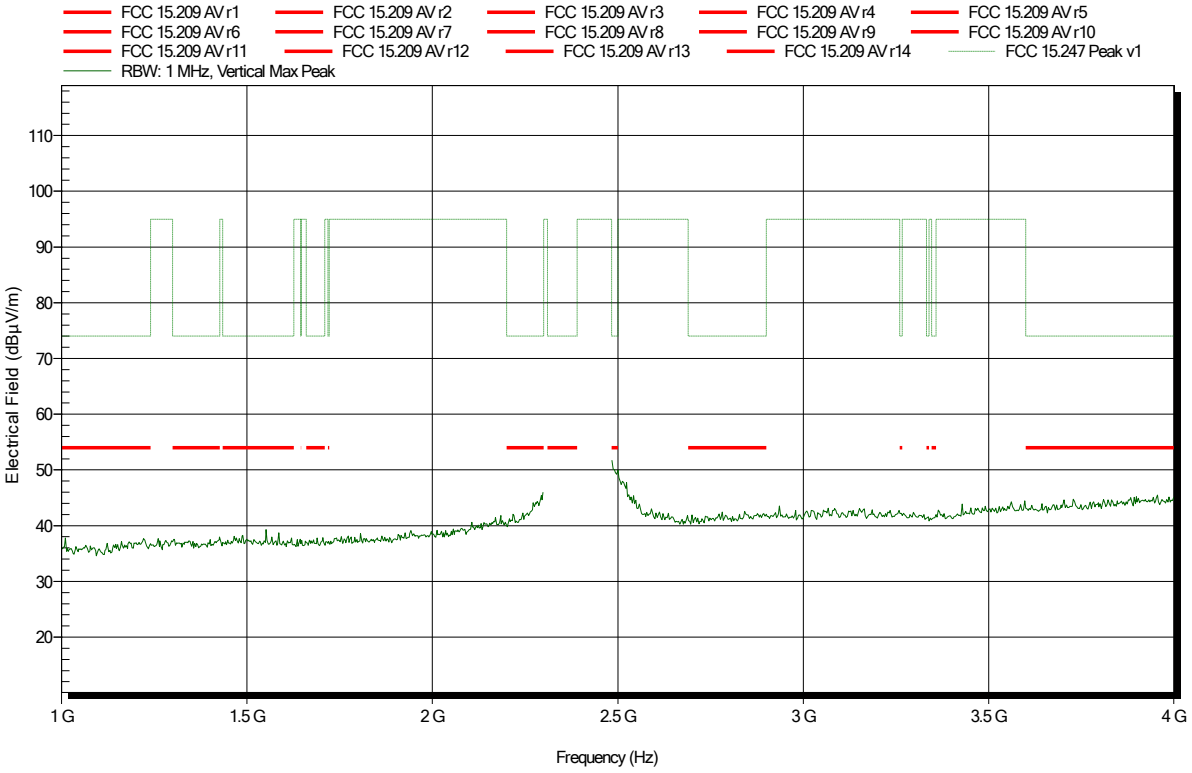

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 6
Test Date:	2019-09-26
Note:	

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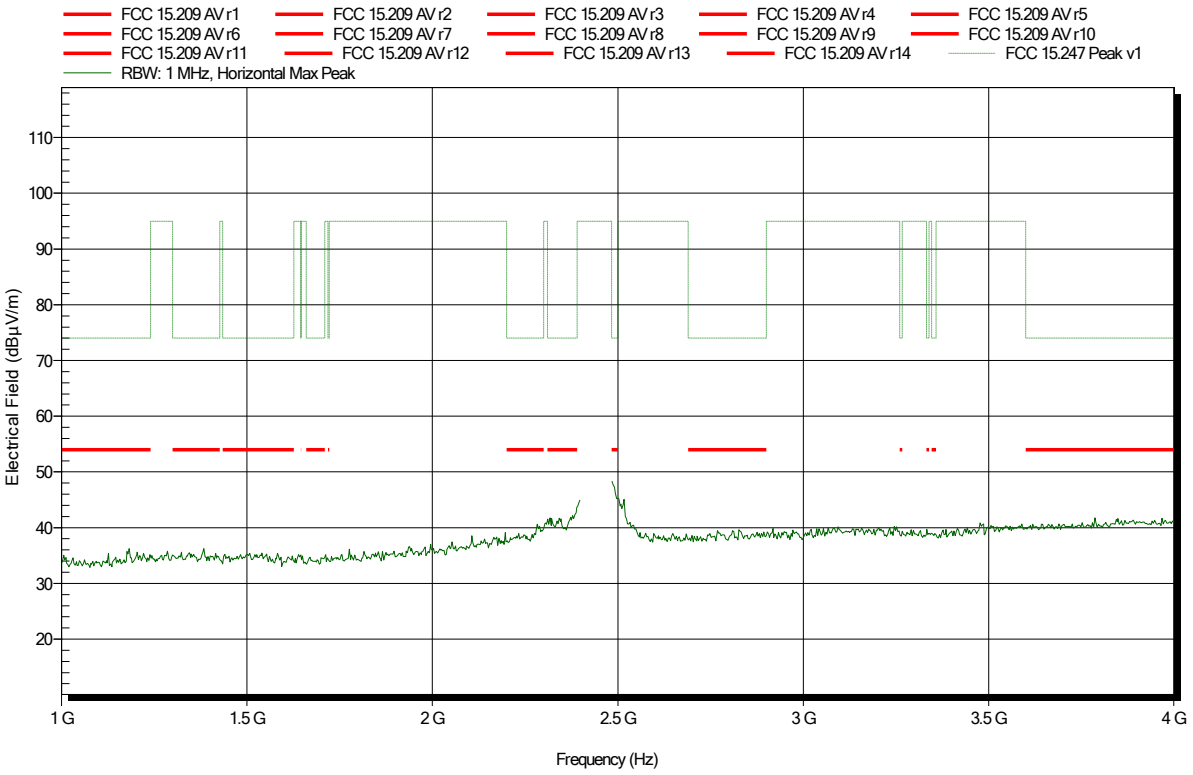

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 6
Test Date:	2019-09-26
Note:	

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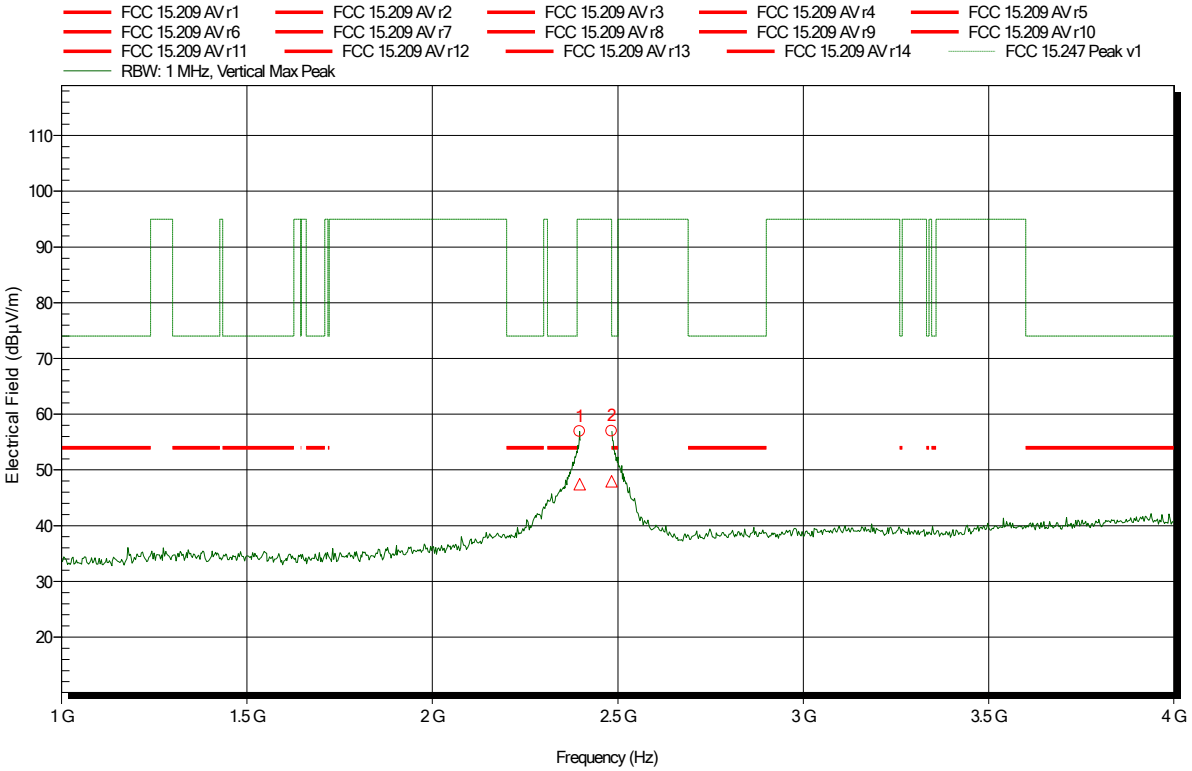

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.397 GHz	56.89 dBµV/m	95 dBµV/m	-38.11 dB	Pass
2.484 GHz	56.98 dBµV/m	74 dBµV/m	-17.02 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.397 GHz	47.46 dBµV/m			
2.484 GHz	47.94 dBµV/m	54 dBµV/m	-6.06 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-25
Note:	

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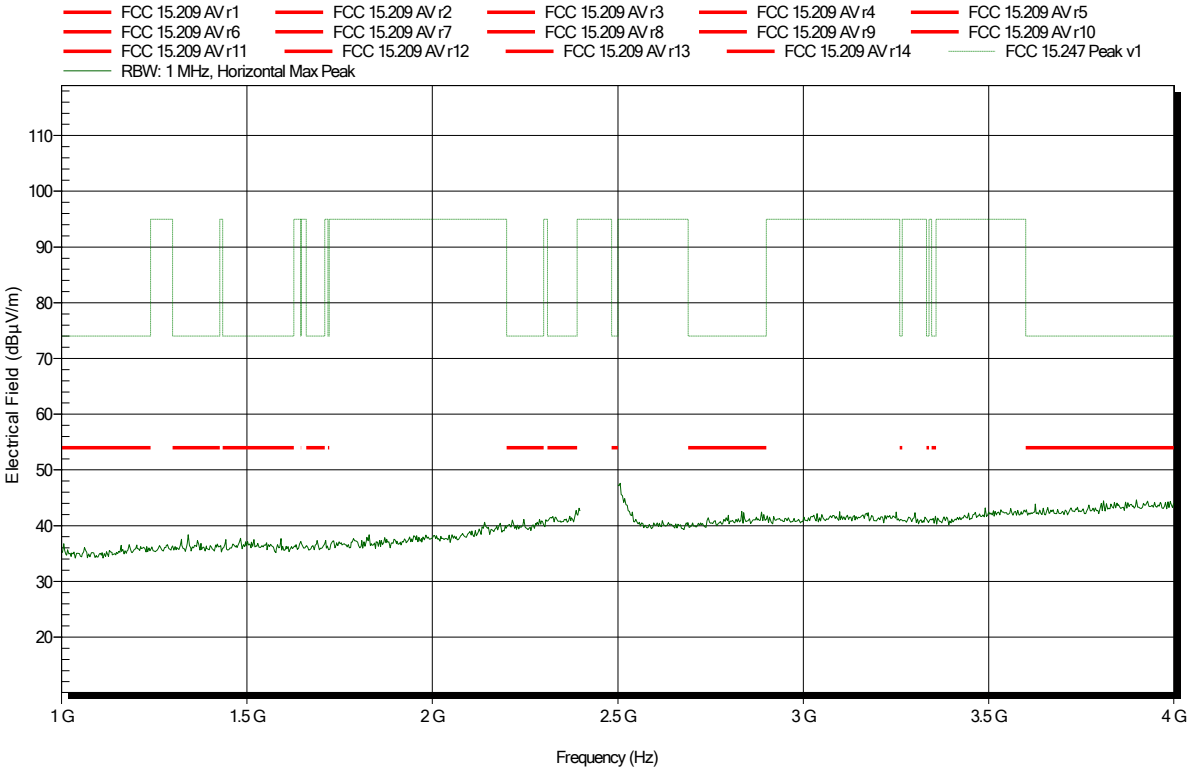

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-25
Note:	

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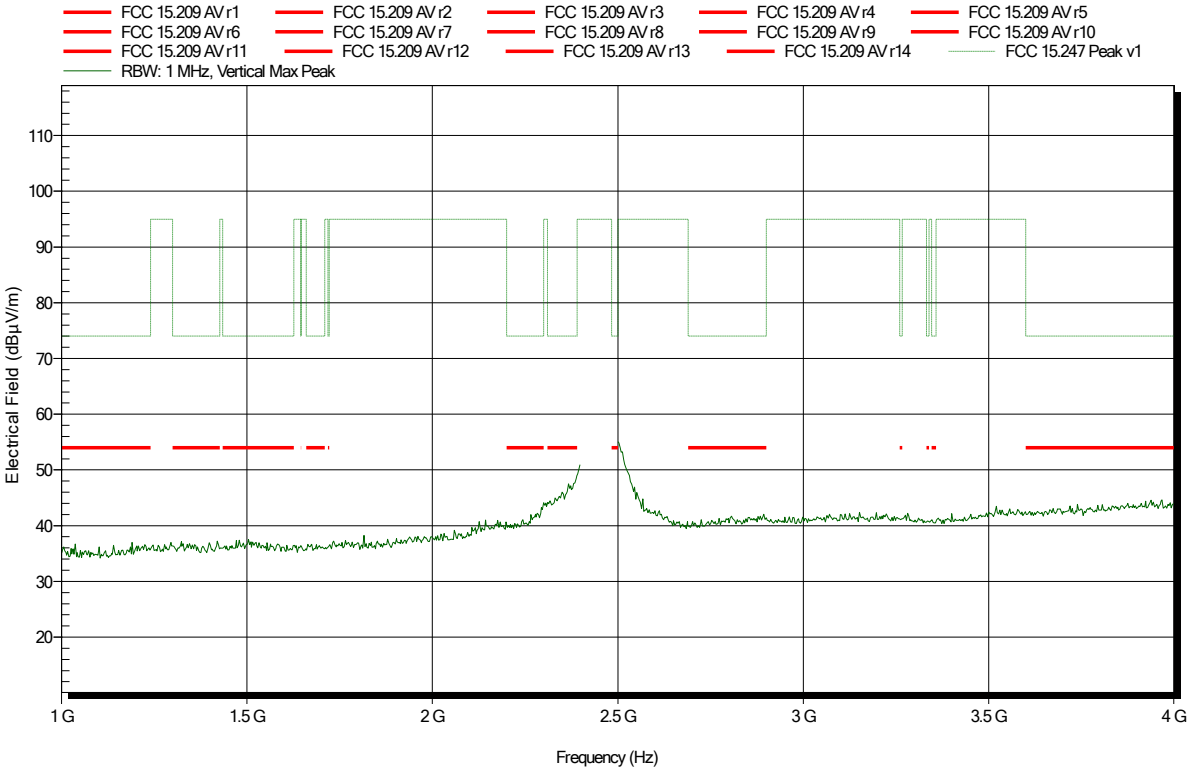

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-26
Note:	

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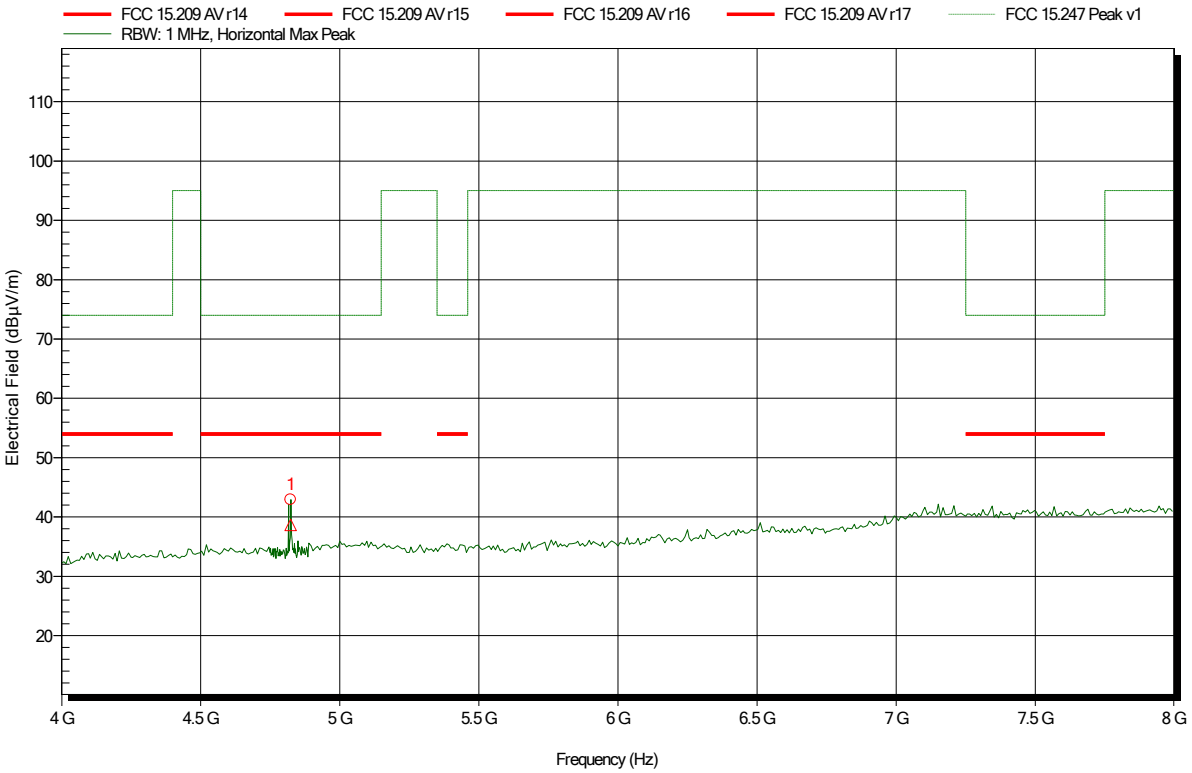

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.824 GHz	42.92 dBµV/m	74 dBµV/m	-31.08 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.824 GHz	38.65 dBµV/m	54 dBµV/m	-15.35 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 6
Test Date:	2019-09-26
Note:	

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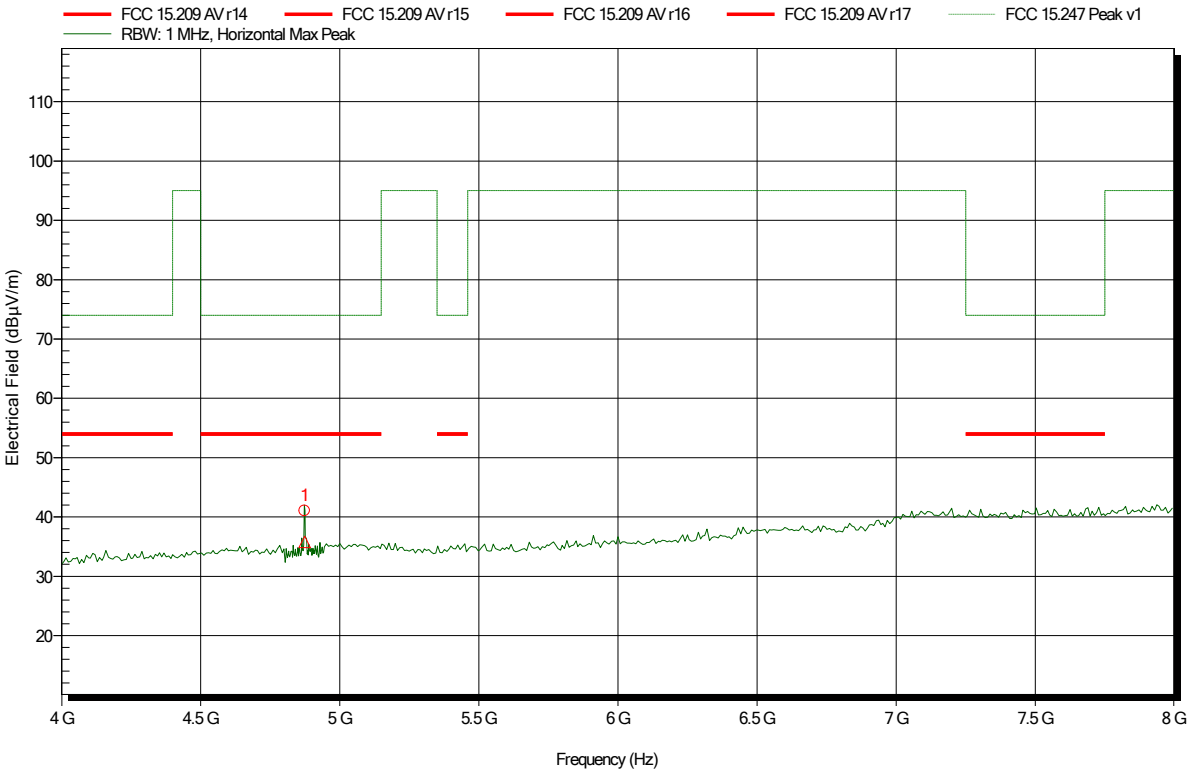

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.874 GHz	41.03 dBµV/m	74 dBµV/m	-32.97 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.874 GHz	35.78 dBµV/m	54 dBµV/m	-18.22 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-26
Note:	

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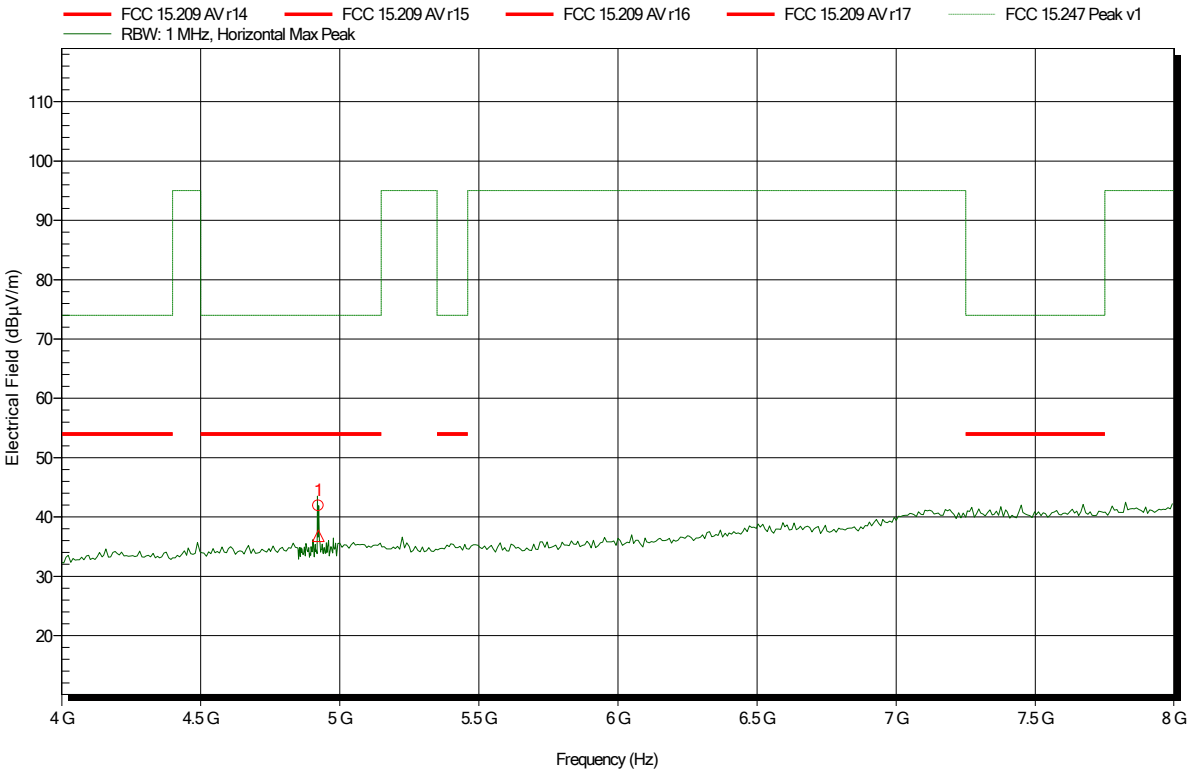

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.924 GHz	41.9 dBµV/m	74 dBµV/m	-32.1 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.924 GHz	36.83 dBµV/m	54 dBµV/m	-17.17 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-26
Note:	

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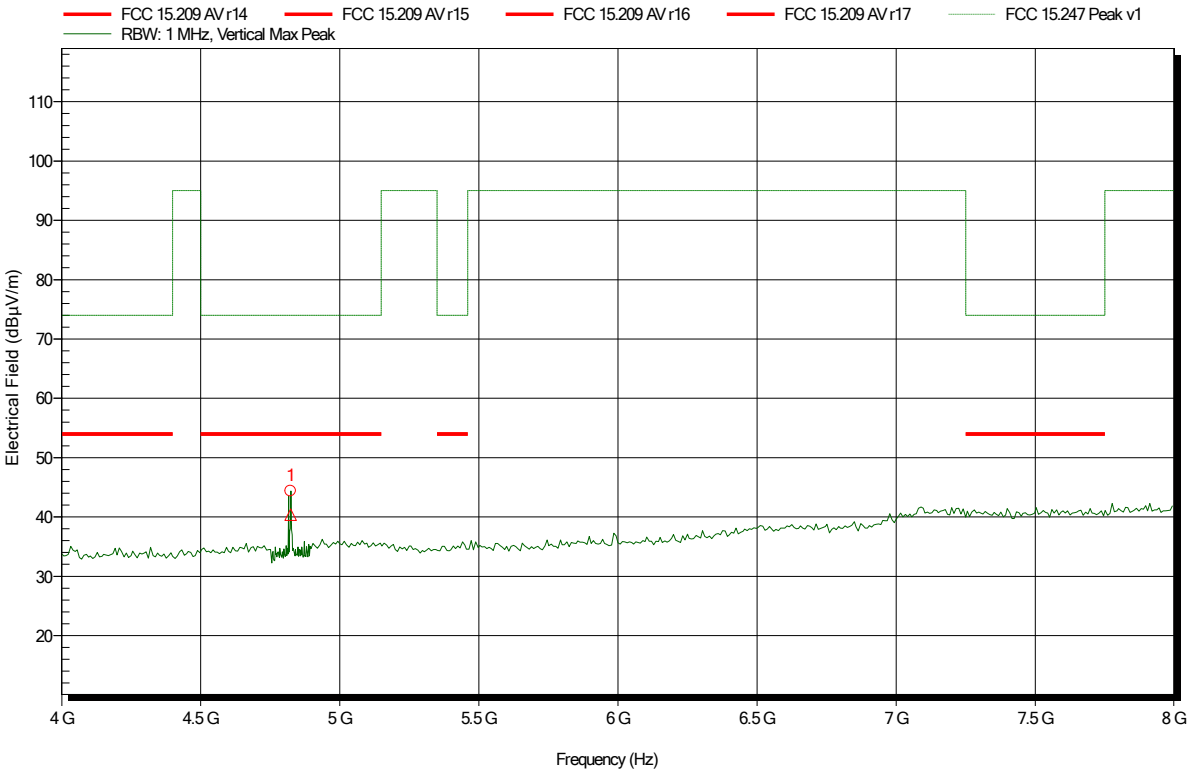

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.824 GHz	44.37 dBµV/m	74 dBµV/m	-29.63 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.824 GHz	40.4 dBµV/m	54 dBµV/m	-13.6 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 6
Test Date:	2019-09-26
Note:	

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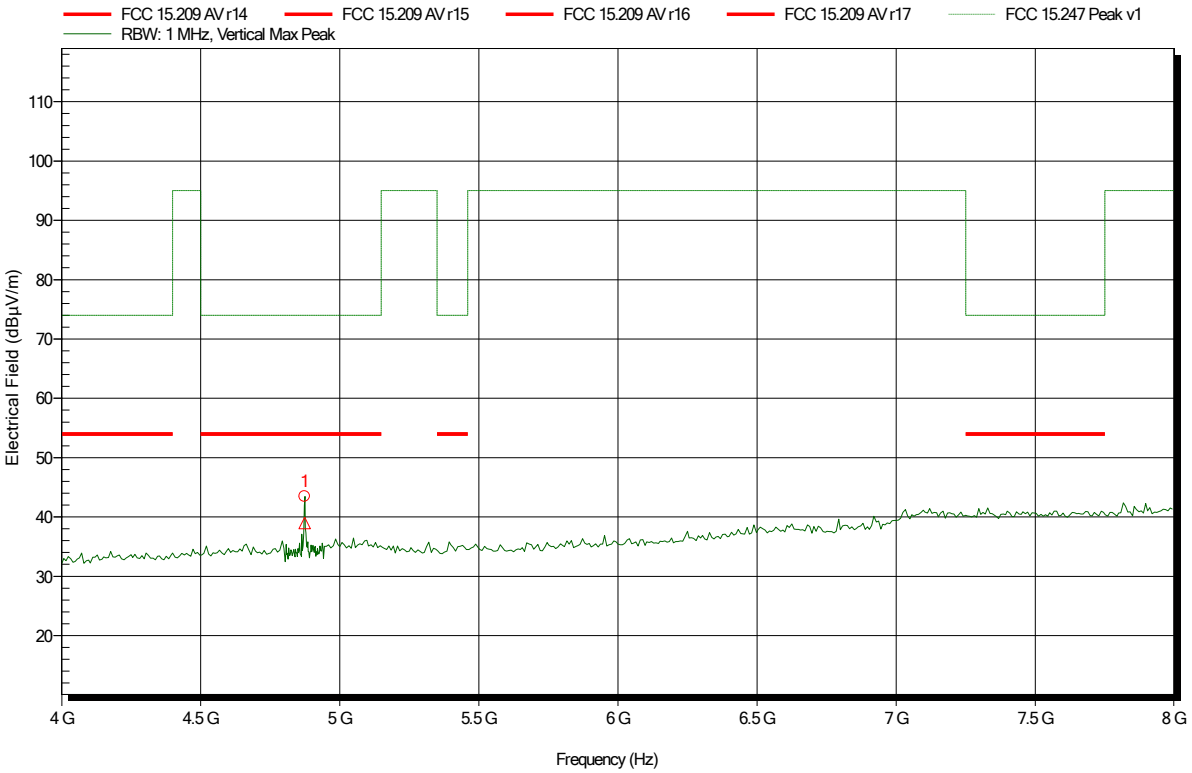

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.874 GHz	43.44 dBµV/m	74 dBµV/m	-30.56 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.874 GHz	38.96 dBµV/m	54 dBµV/m	-15.04 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-26
Note:	

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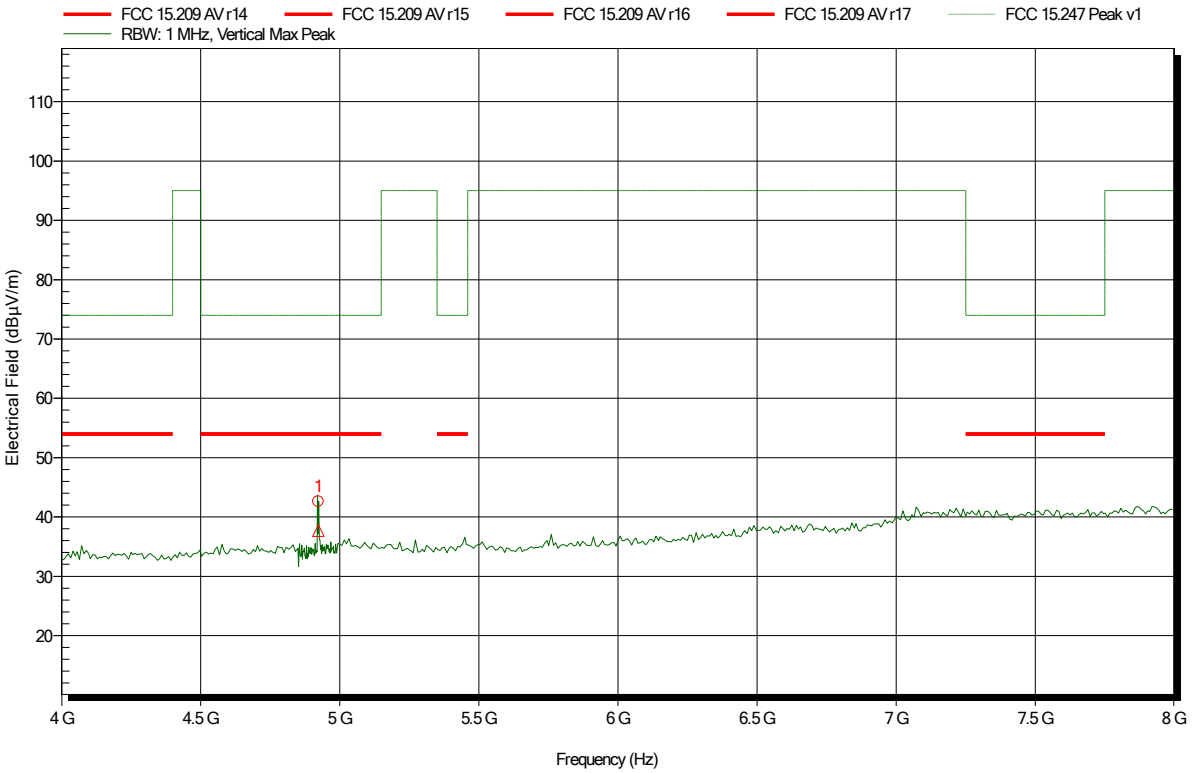

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.924 GHz	42.58 dBµV/m	74 dBµV/m	-31.42 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.924 GHz	37.66 dBµV/m	54 dBµV/m	-16.34 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-26
Note:	

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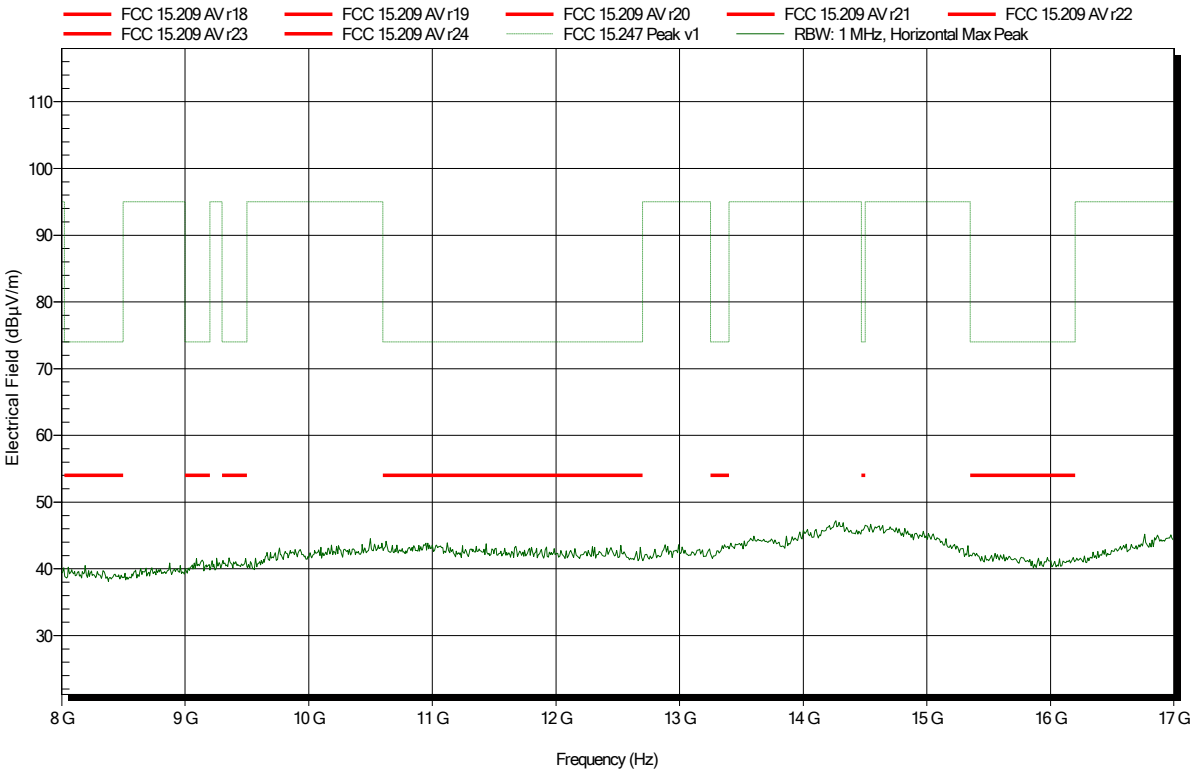

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 6
Test Date:	2019-09-26
Note:	

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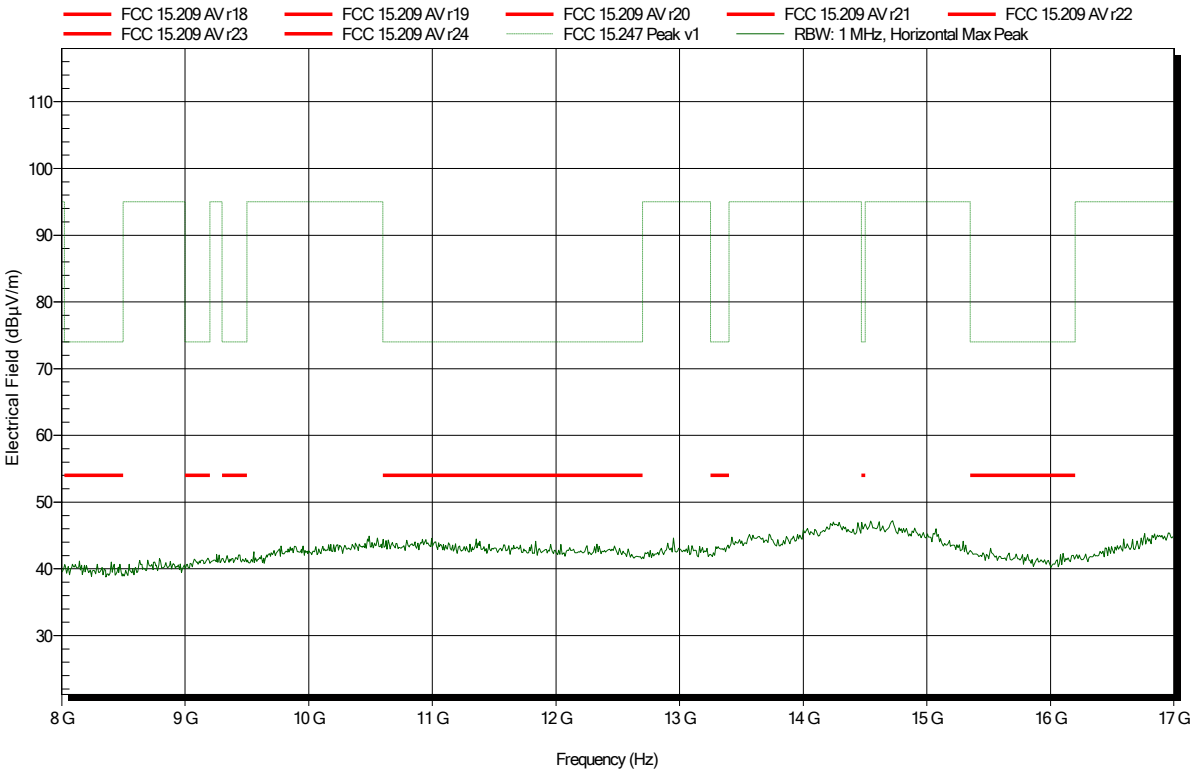

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-26
Note:	

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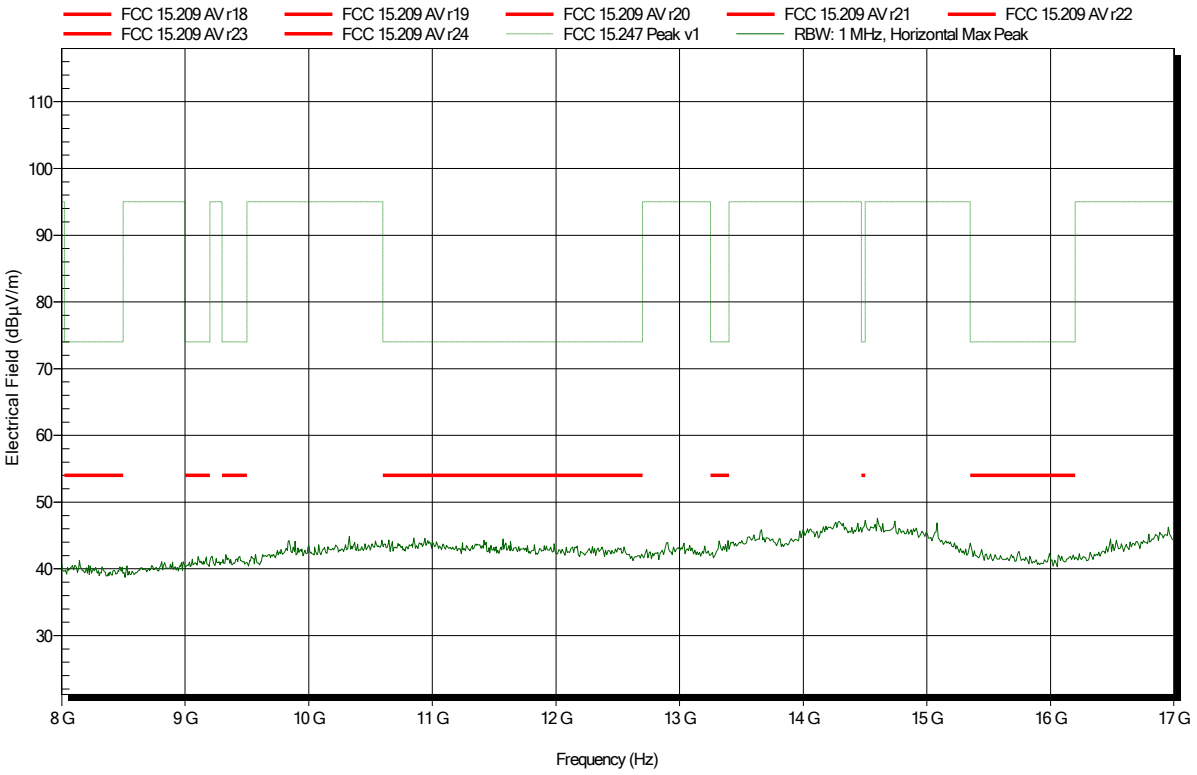

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-26
Note:	

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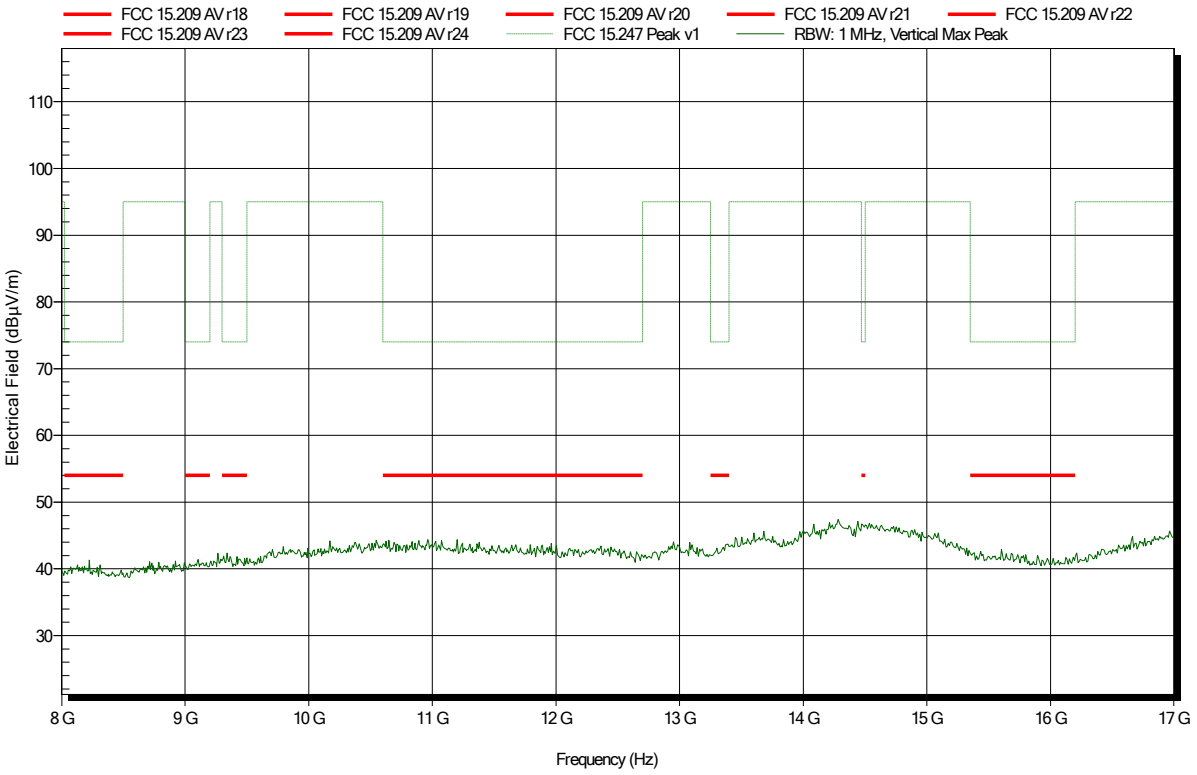

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 6
Test Date:	2019-09-26
Note:	

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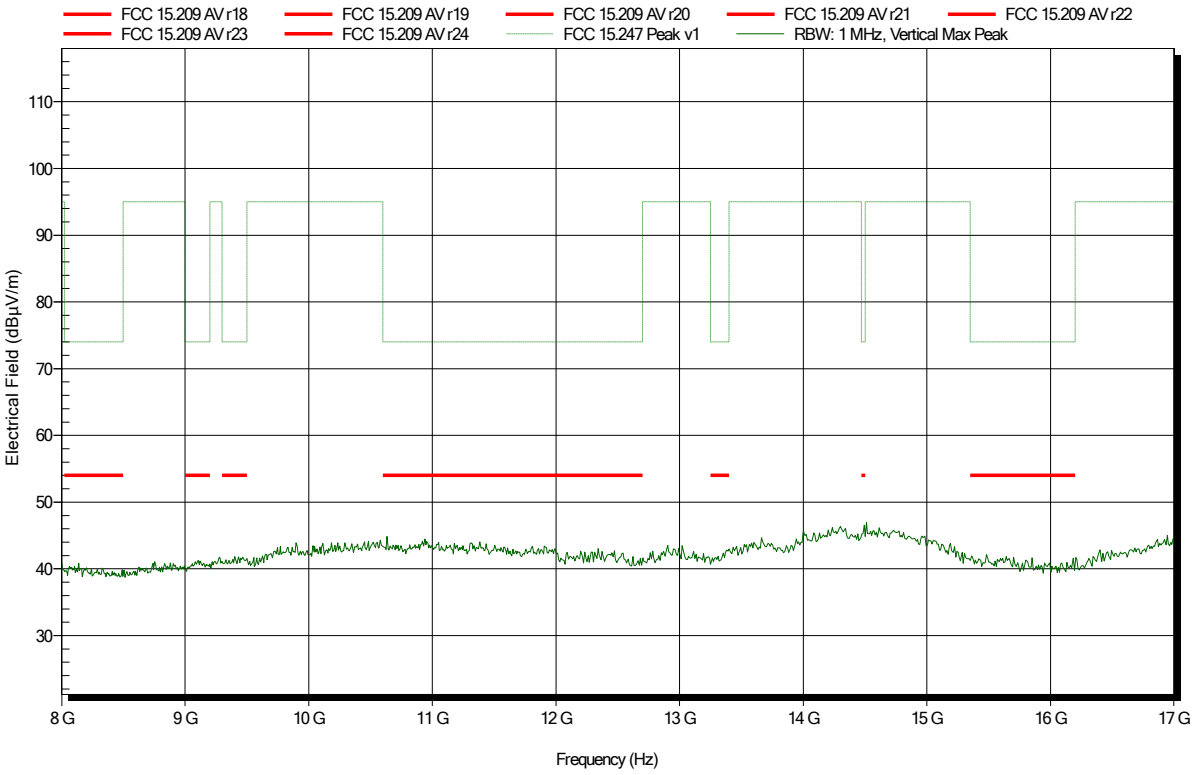

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-26
Note:	

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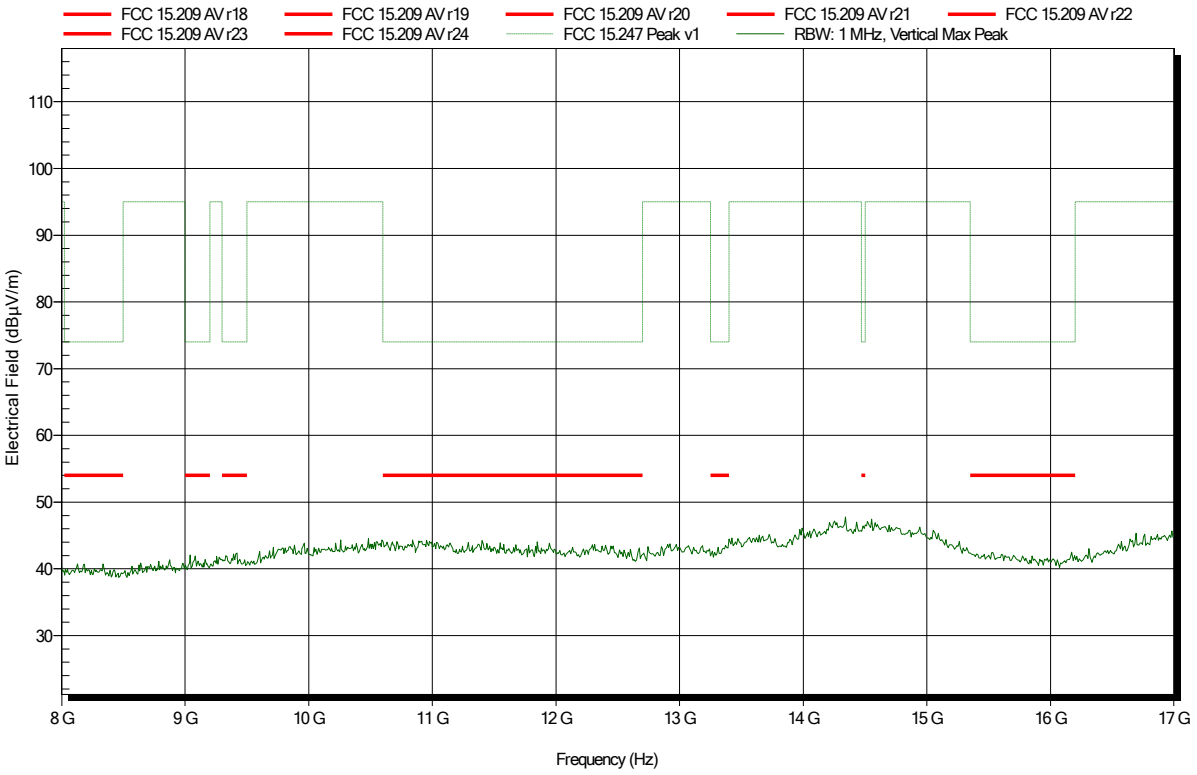

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	ATH18G40, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-26
Note:	

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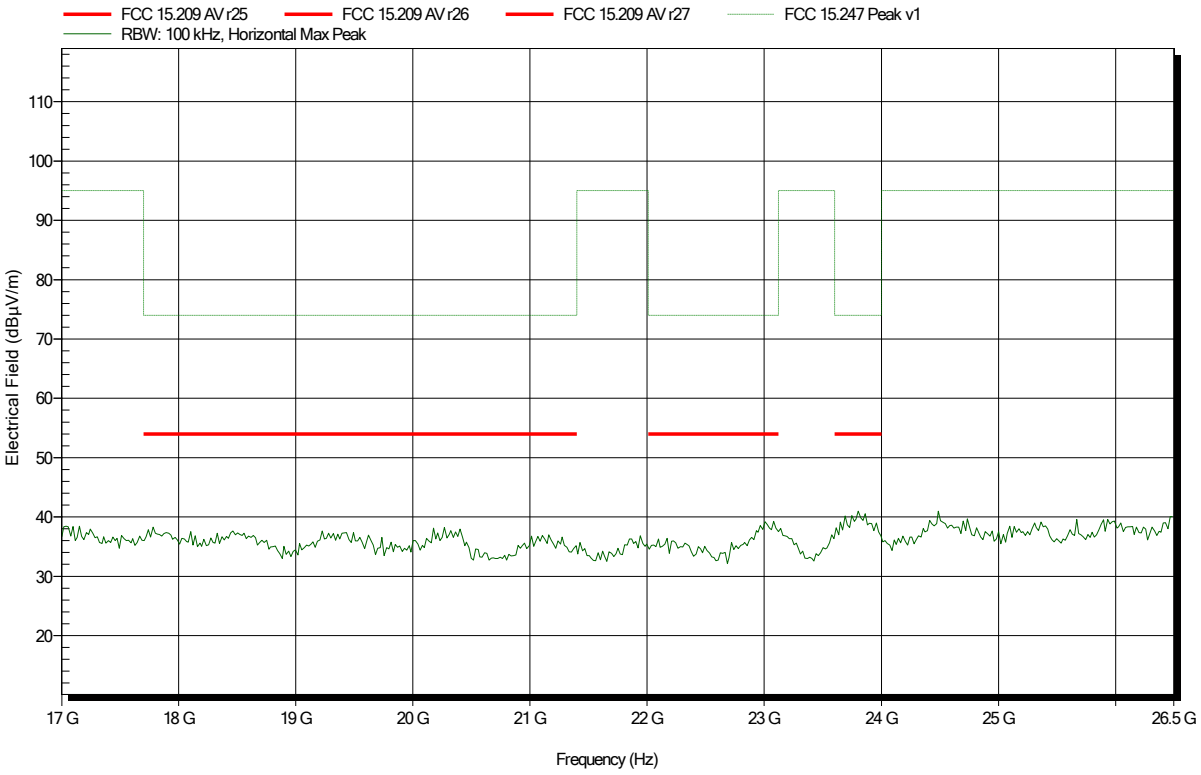

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	ATH18G40, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 6
Test Date:	2019-09-26
Note:	

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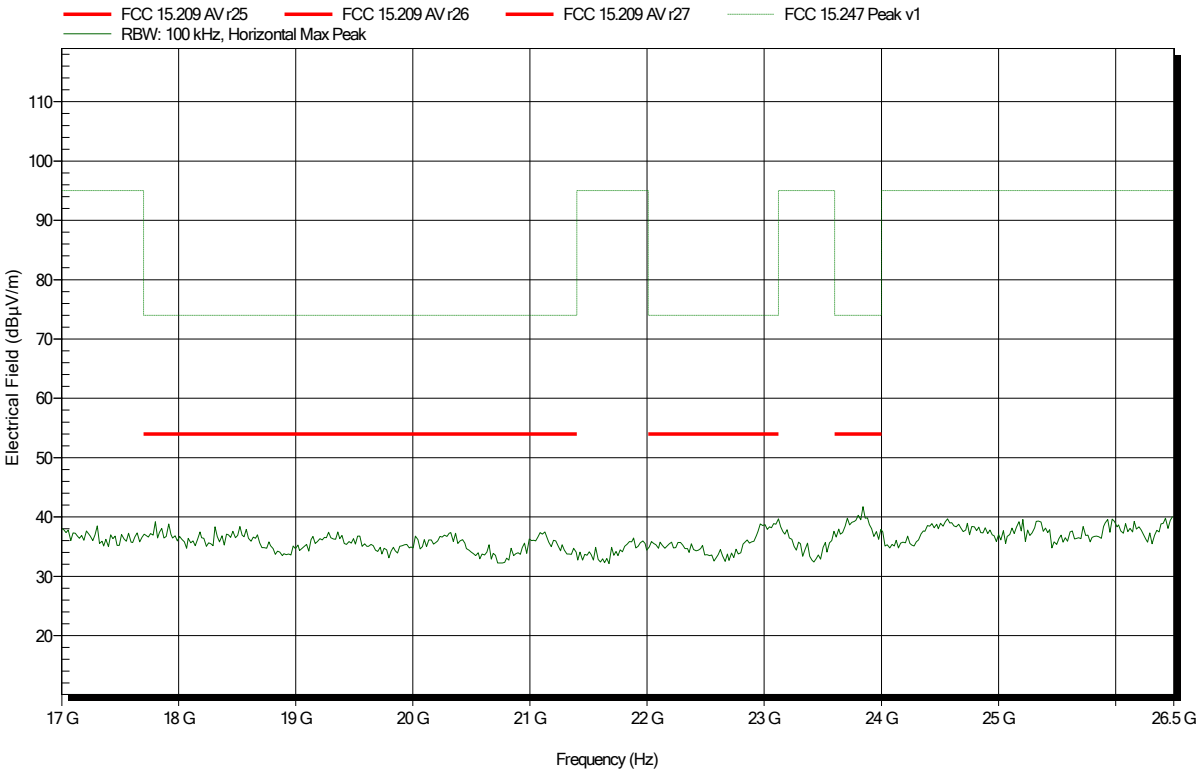

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	ATH18G40, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-26
Note:	

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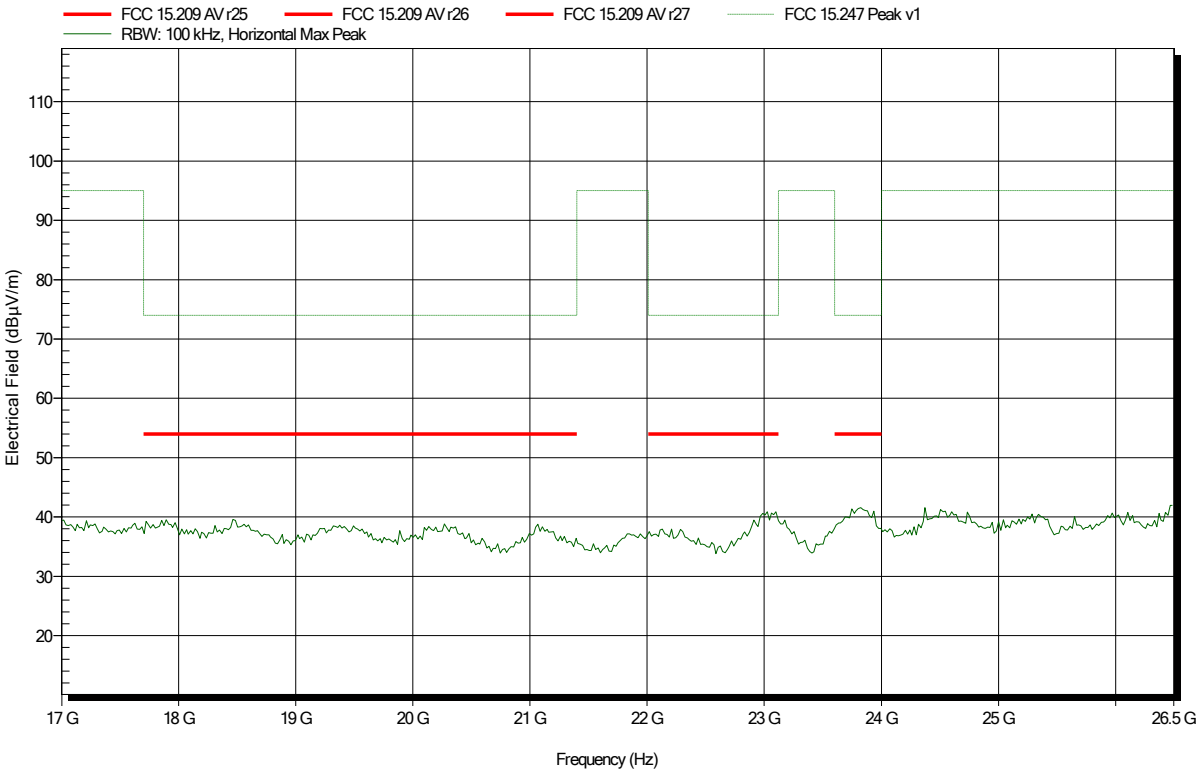

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	ATH18G40, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 1
Test Date:	2019-09-26
Note:	

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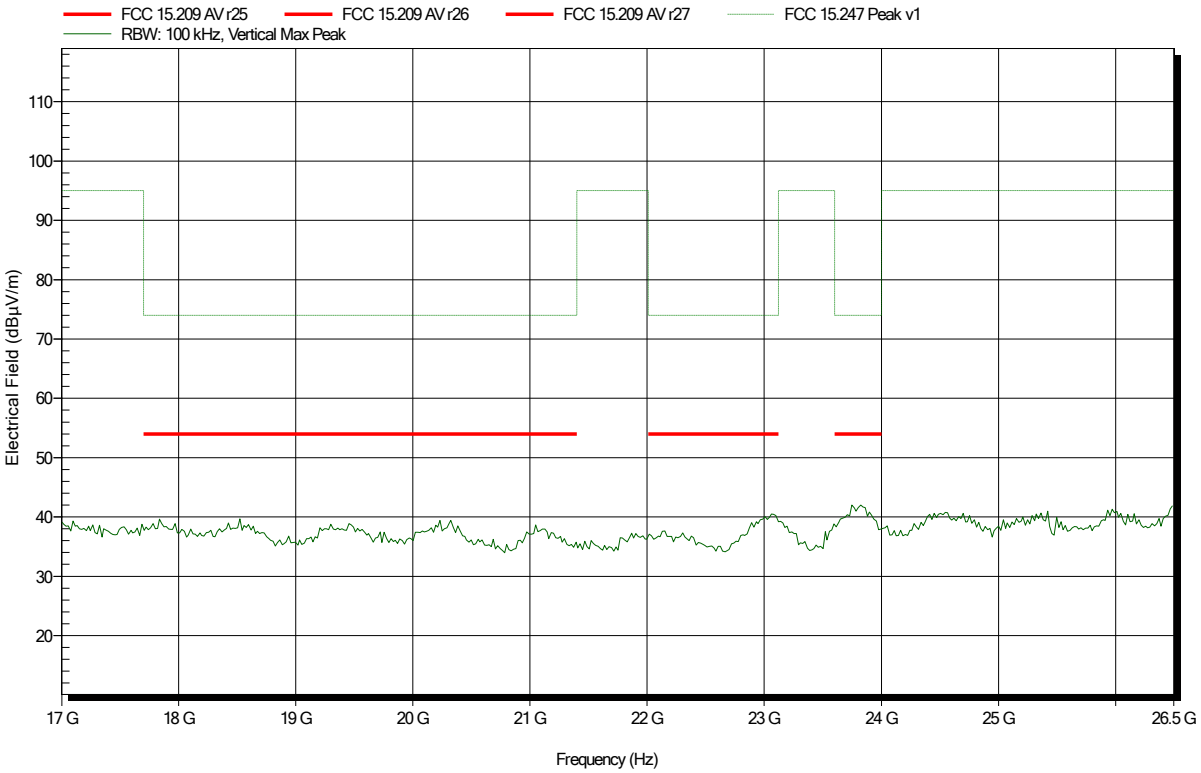

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	ATH18G40, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 6
Test Date:	2019-09-26
Note:	

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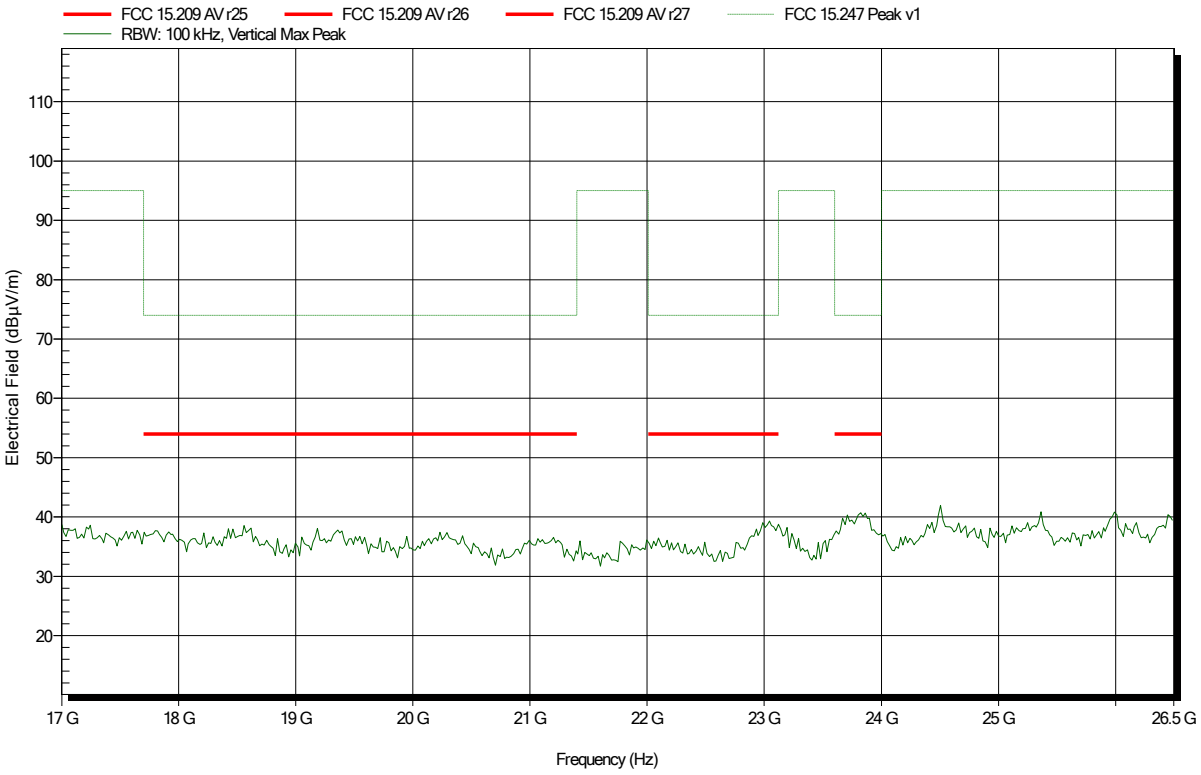

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	ATH18G40, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 b CCK, TxChain 0, CH 11
Test Date:	2019-09-26
Note:	

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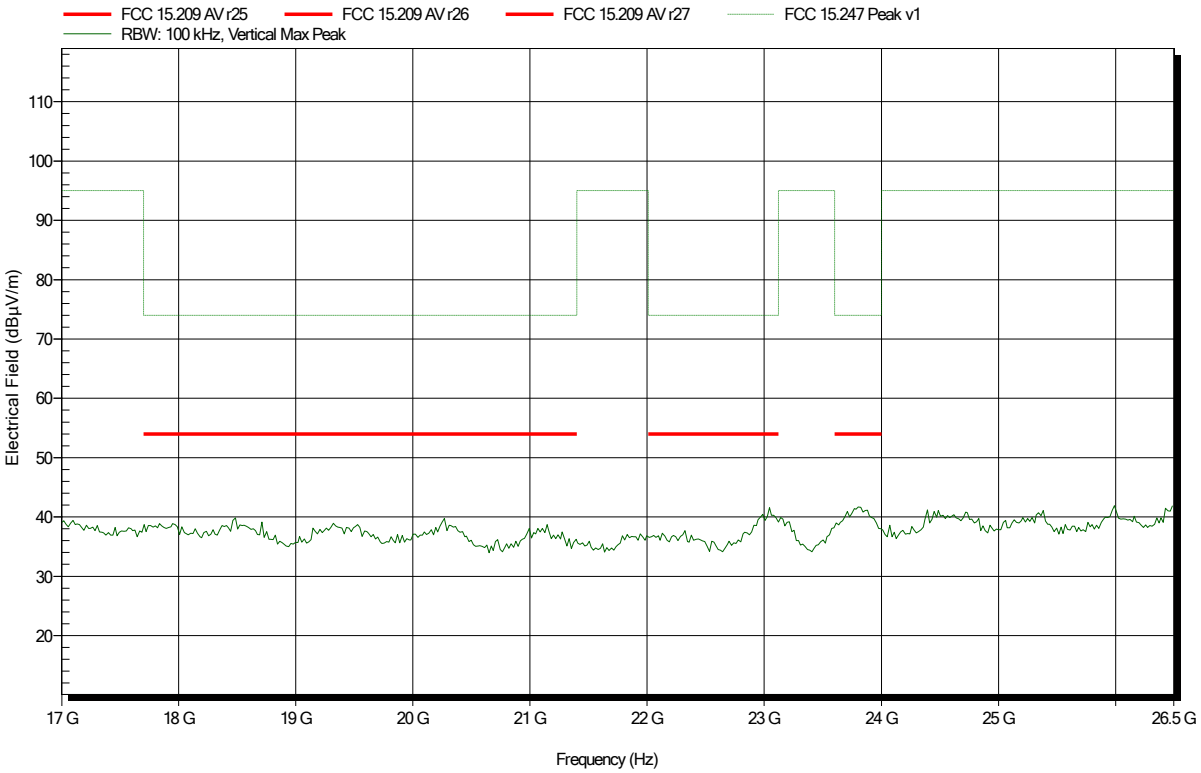

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 1
Test Date:	2019-09-25
Note:	Band Edge. Lower Channel.

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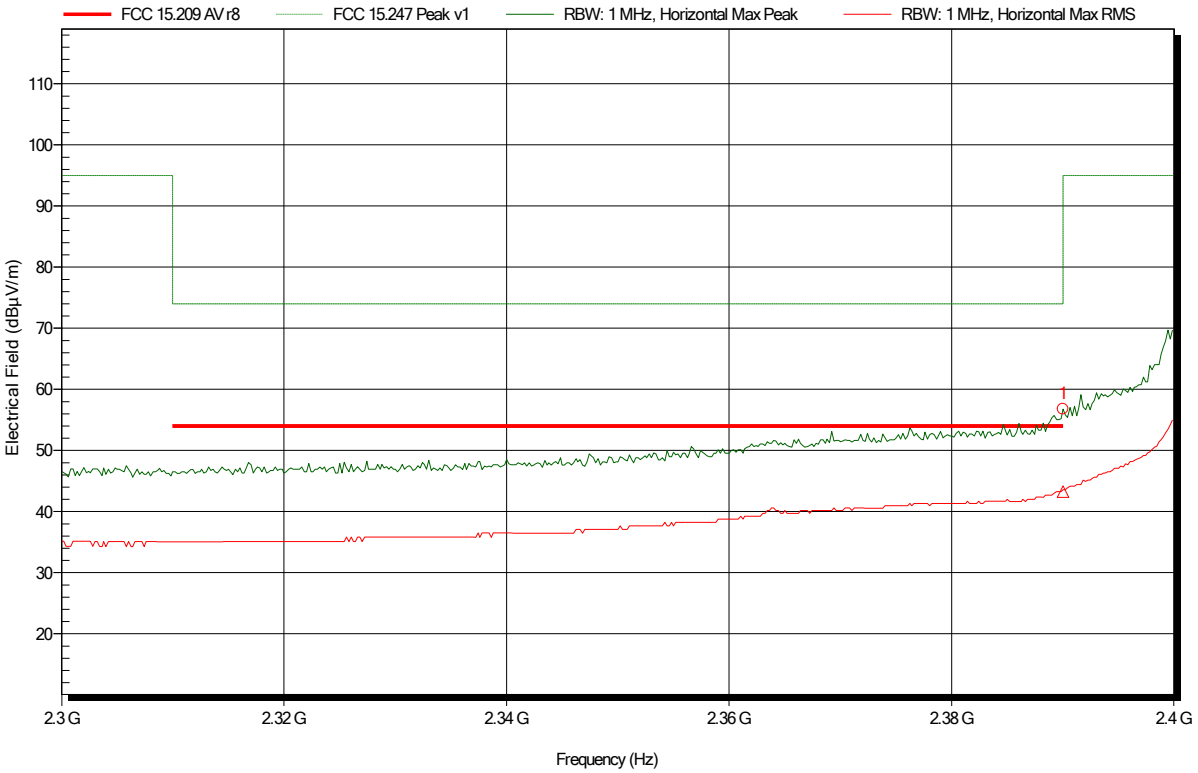

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.39 GHz	56.77 dBµV/m	74 dBµV/m	-17.23 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.39 GHz	43.29 dBµV/m	54 dBµV/m	-10.71 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 1
Test Date:	2019-09-25
Note:	Band Edge. Lower Channel.

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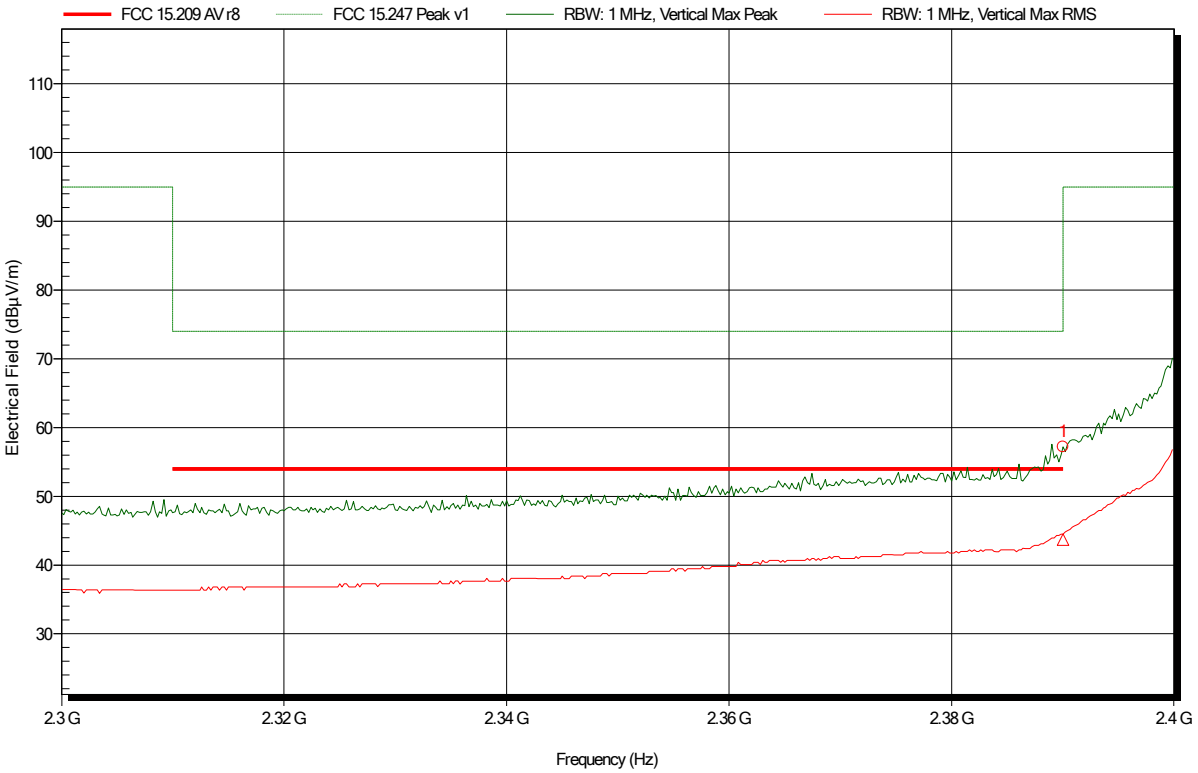

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.39 GHz	57.19 dBµV/m	74 dBµV/m	-16.81 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.39 GHz	43.71 dBµV/m	54 dBµV/m	-10.29 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 11
Test Date:	2019-09-25
Note:	Band Edge. Higher Channel.

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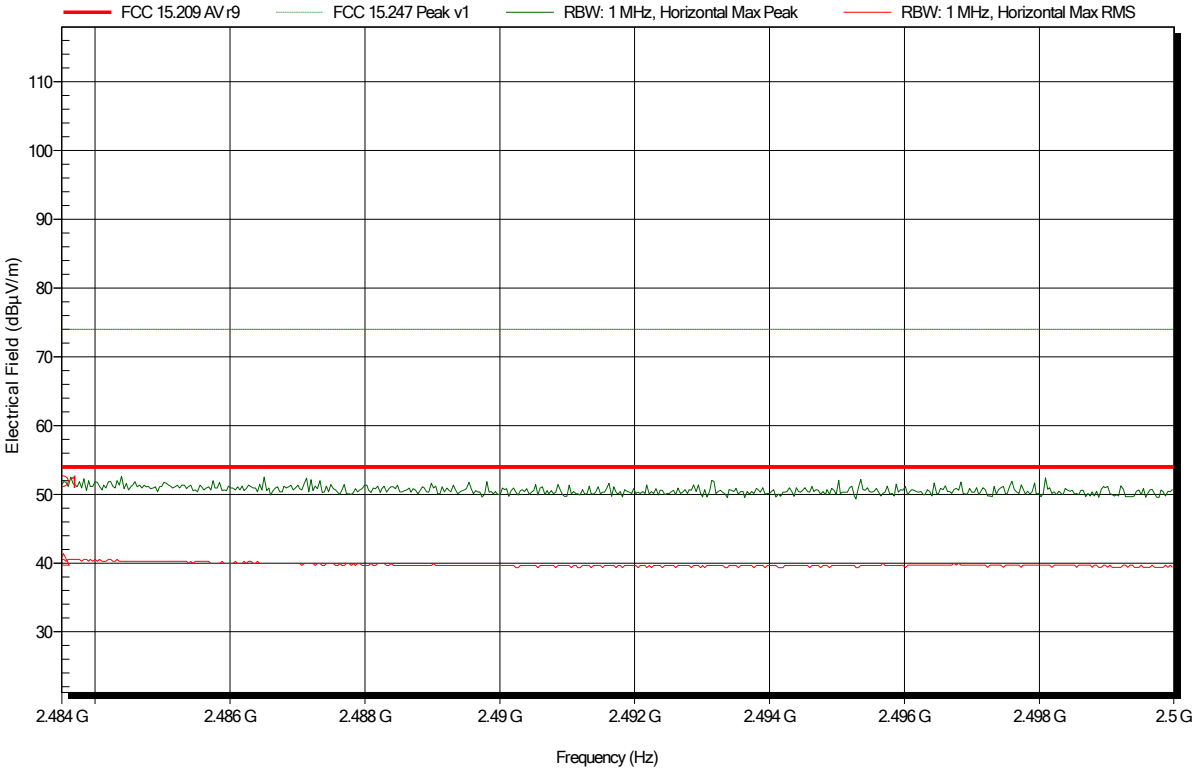

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	51.83 dBµV/m	74 dBµV/m	-22.17 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.484 GHz	40.54 dBµV/m	54 dBµV/m	-13.46 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 11
Test Date:	2019-09-25
Note:	Band Edge. Higher Channel.

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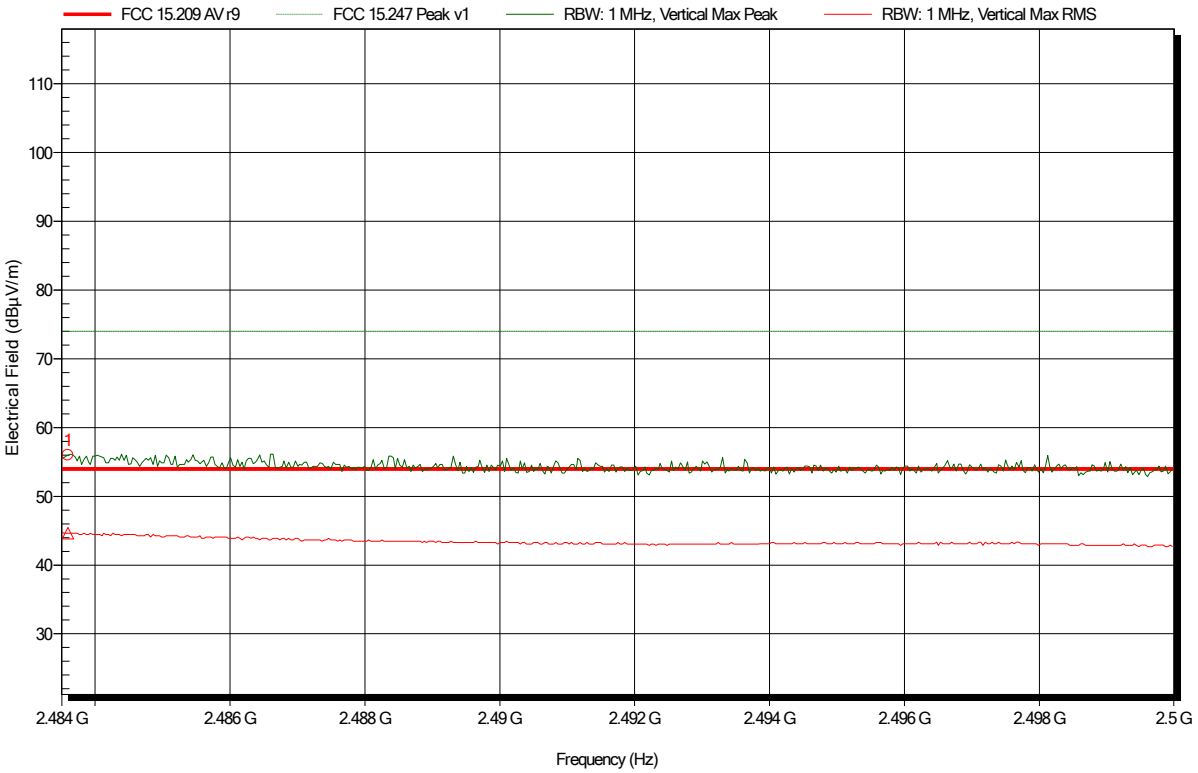

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	56.01 dBµV/m	74 dBµV/m	-17.99 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.484 GHz	44.62 dBµV/m	54 dBµV/m	-9.38 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 1
Test Date:	2019-09-25
Note:	

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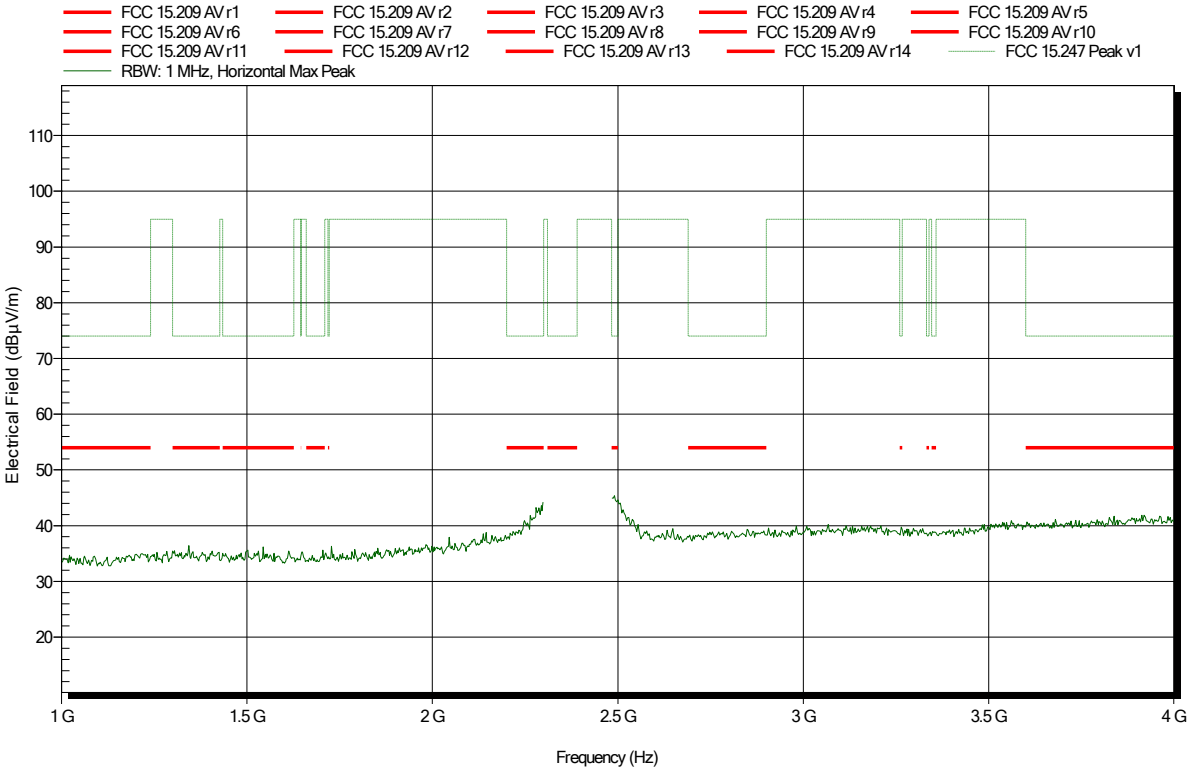

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 1
Test Date:	2019-09-25
Note:	

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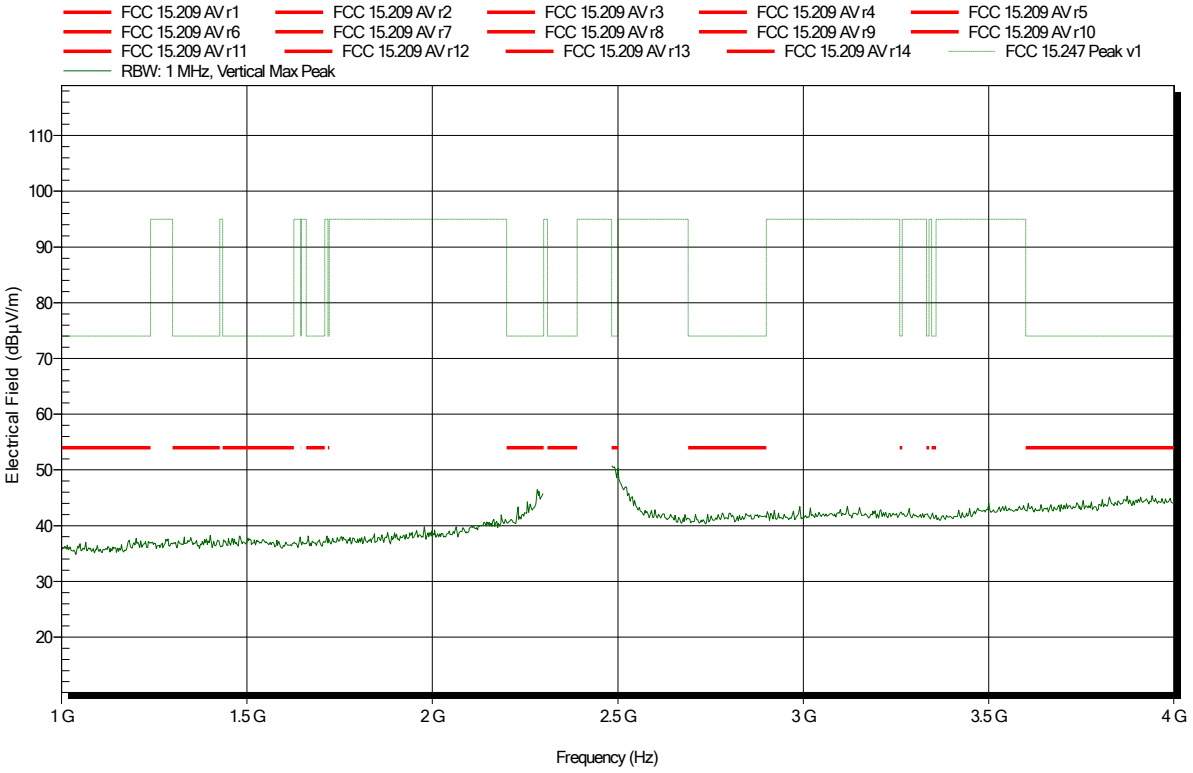

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 11
Test Date:	2019-09-25
Note:	

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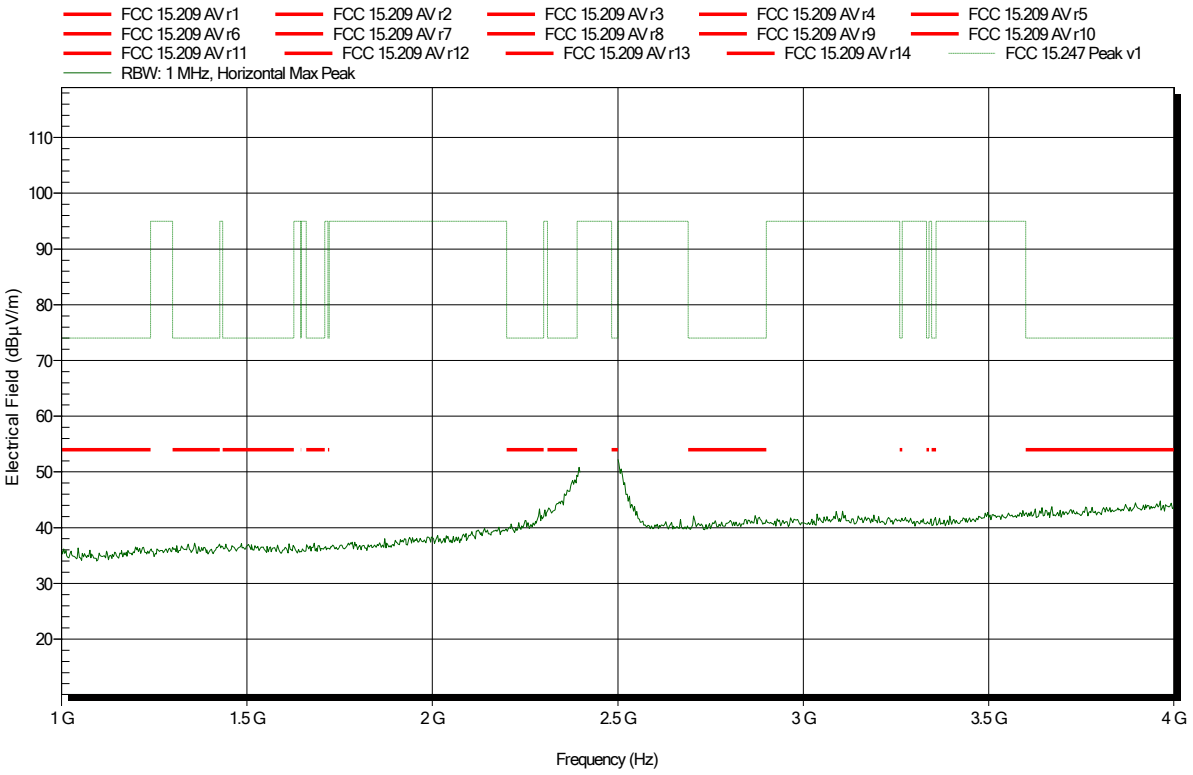

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 11
Test Date:	2019-09-25
Note:	

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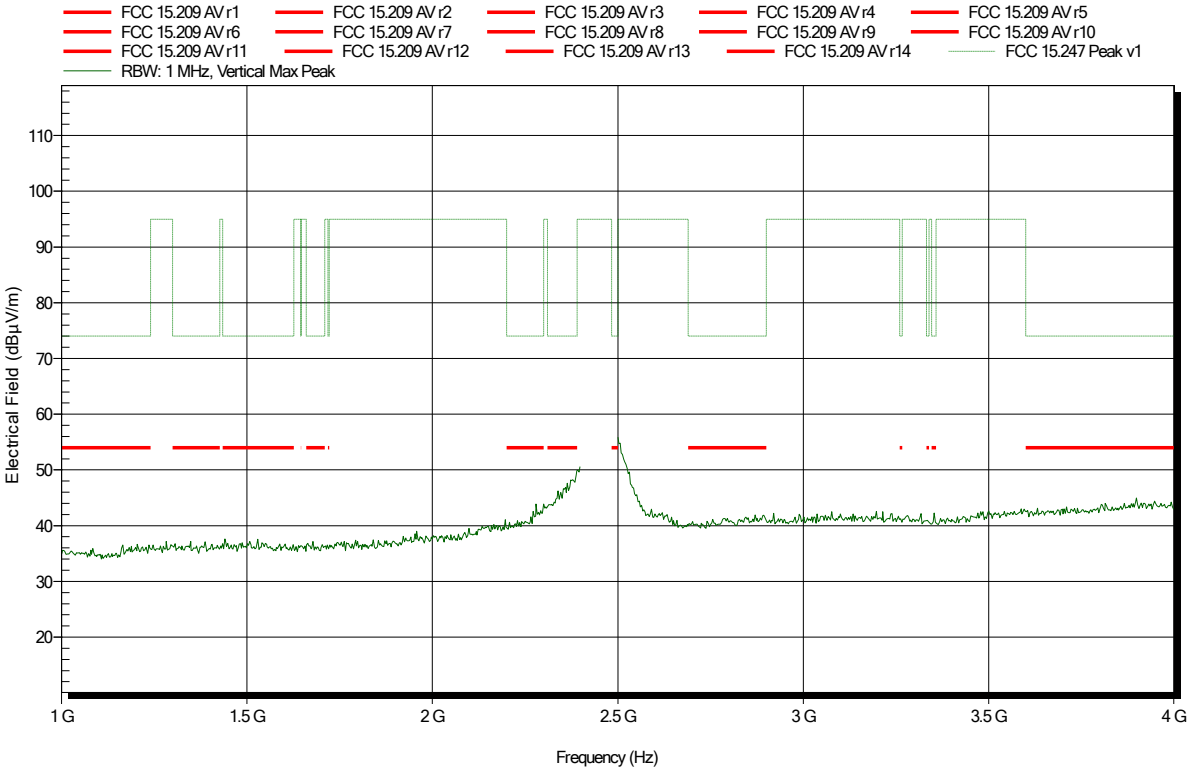

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 1
Test Date:	2019-09-26
Note:	

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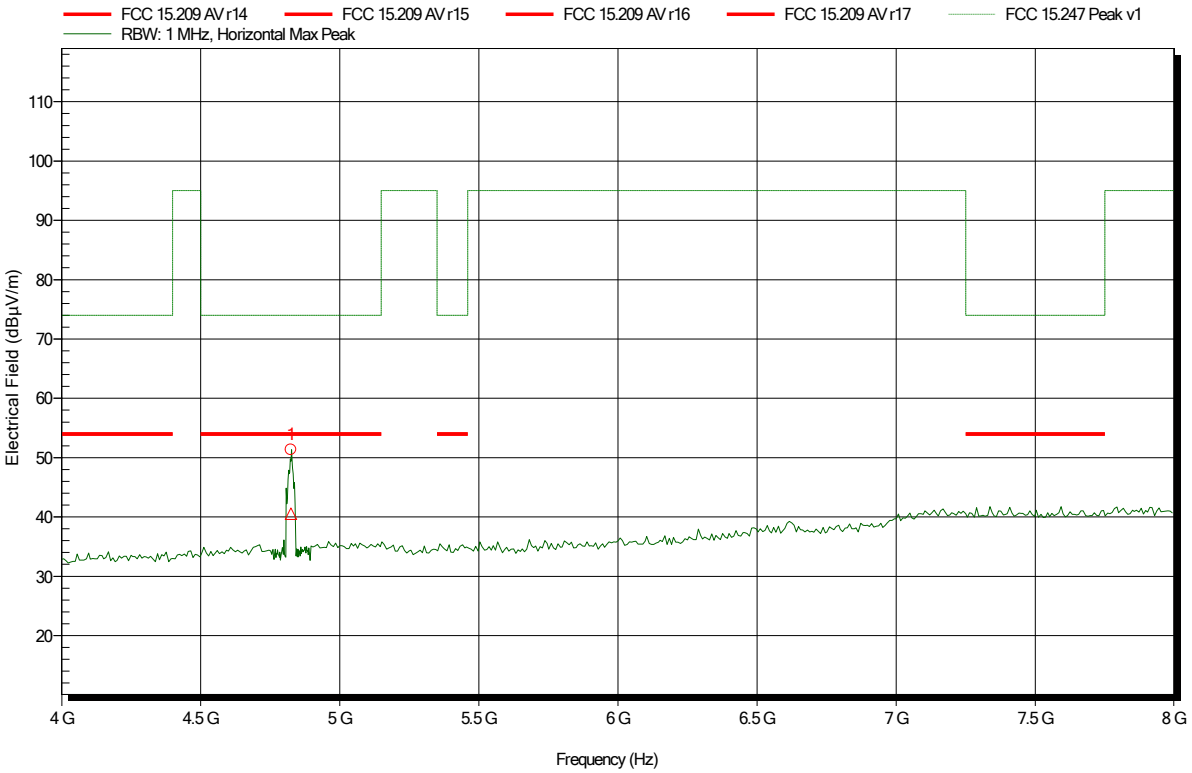

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.825 GHz	51.34 dBµV/m	74 dBµV/m	-22.66 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.825 GHz	40.54 dBµV/m	54 dBµV/m	-13.46 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 1
Test Date:	2019-09-26
Note:	

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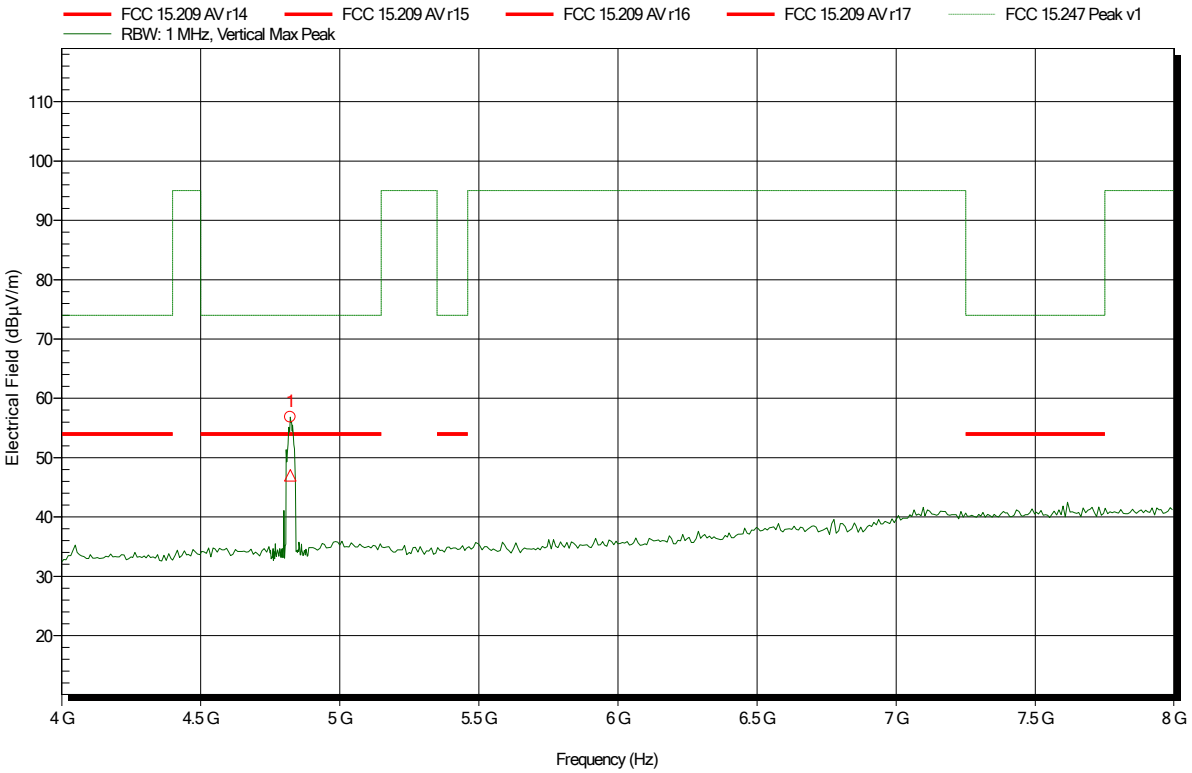

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.823 GHz	56.85 dBµV/m	74 dBµV/m	-17.15 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.823 GHz	47.02 dBµV/m	54 dBµV/m	-6.98 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 6
Test Date:	2019-09-26
Note:	

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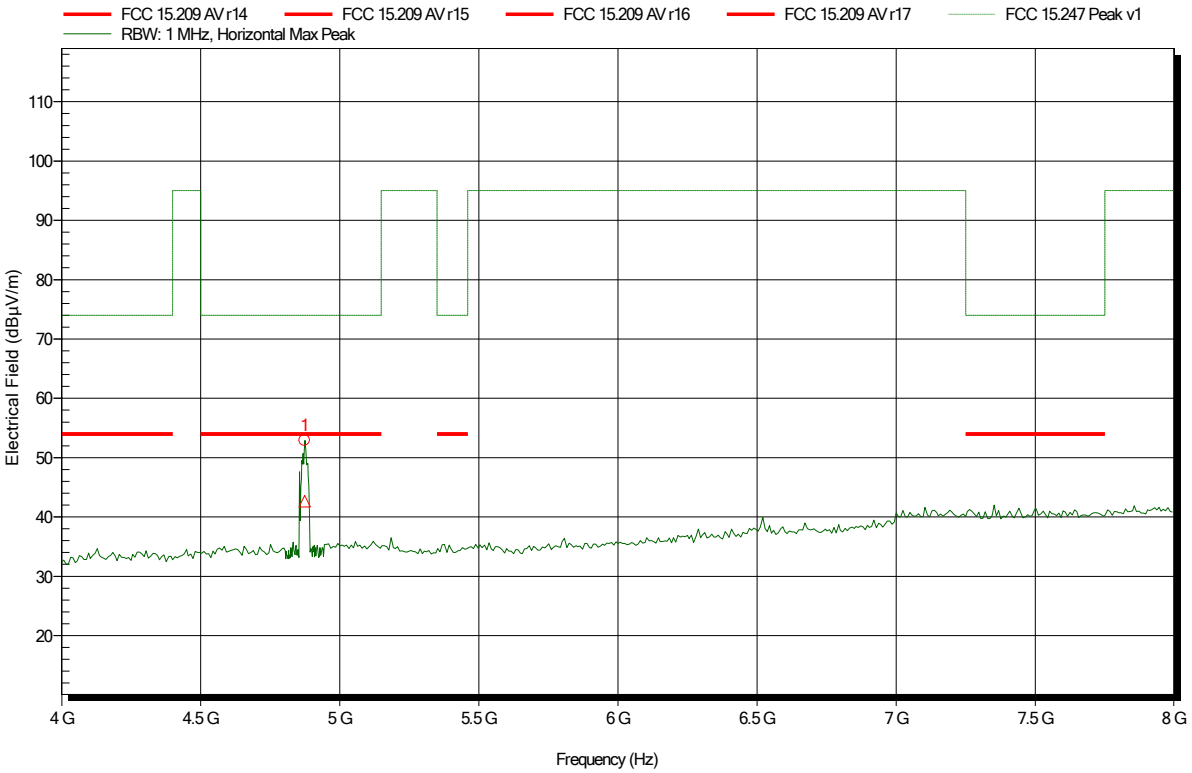

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.875 GHz	52.92 dBµV/m	74 dBµV/m	-21.08 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.875 GHz	42.63 dBµV/m	54 dBµV/m	-11.37 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 6
Test Date:	2019-09-26
Note:	

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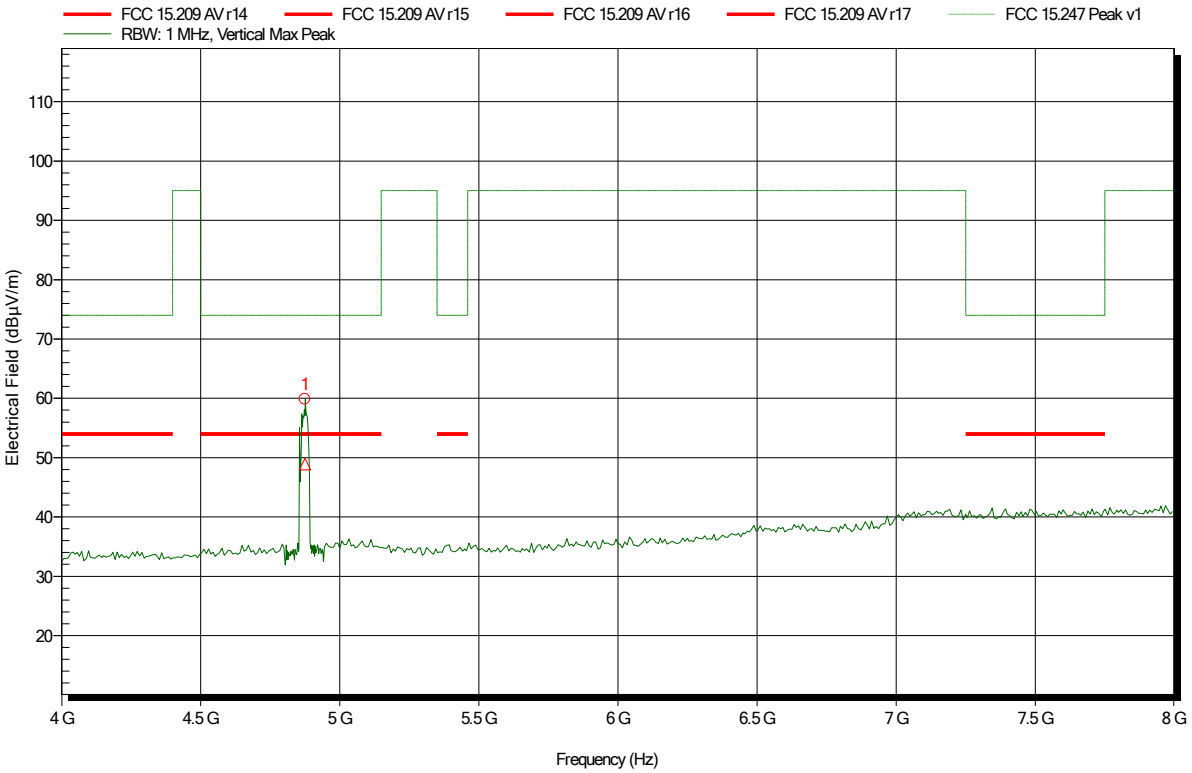

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.876 GHz	59.85 dBµV/m	74 dBµV/m	-14.15 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.876 GHz	48.89 dBµV/m	54 dBµV/m	-5.11 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 11
Test Date:	2019-09-26
Note:	

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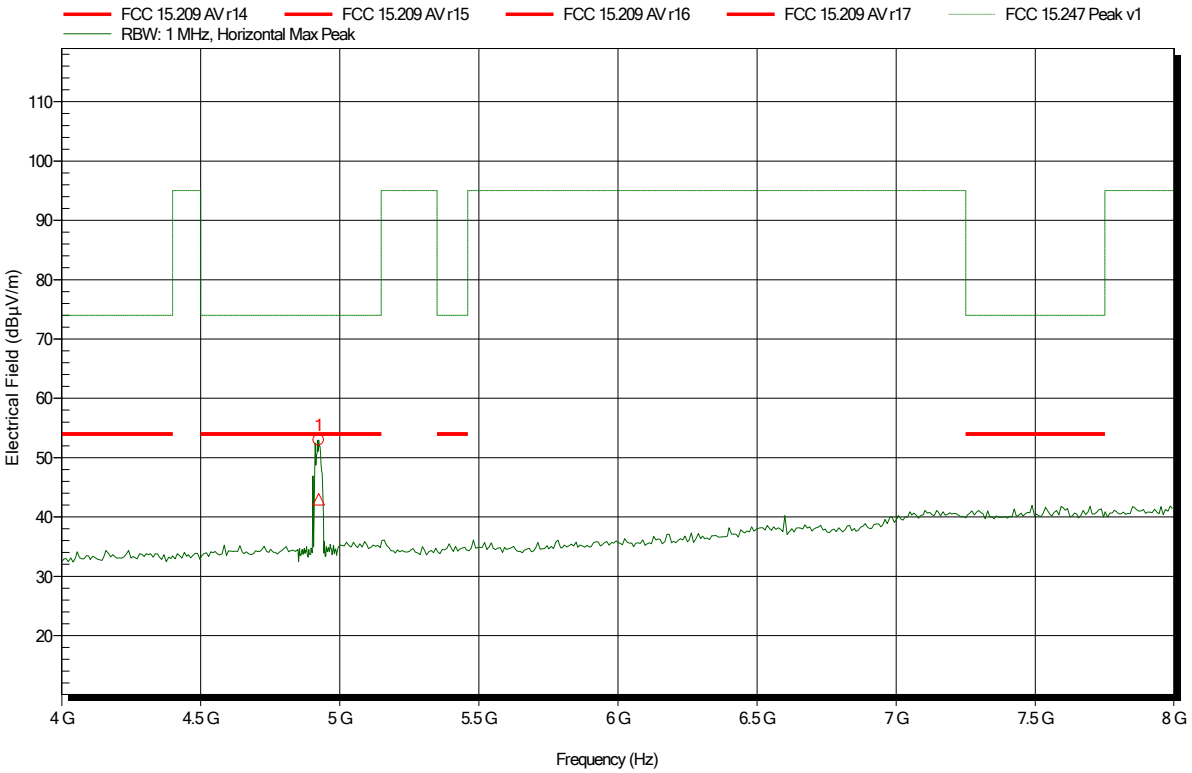

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.925 GHz	52.97 dBµV/m	74 dBµV/m	-21.03 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.925 GHz	42.97 dBµV/m	54 dBµV/m	-11.03 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT20, TxChain 01, CH 11
Test Date:	2019-09-26
Note:	

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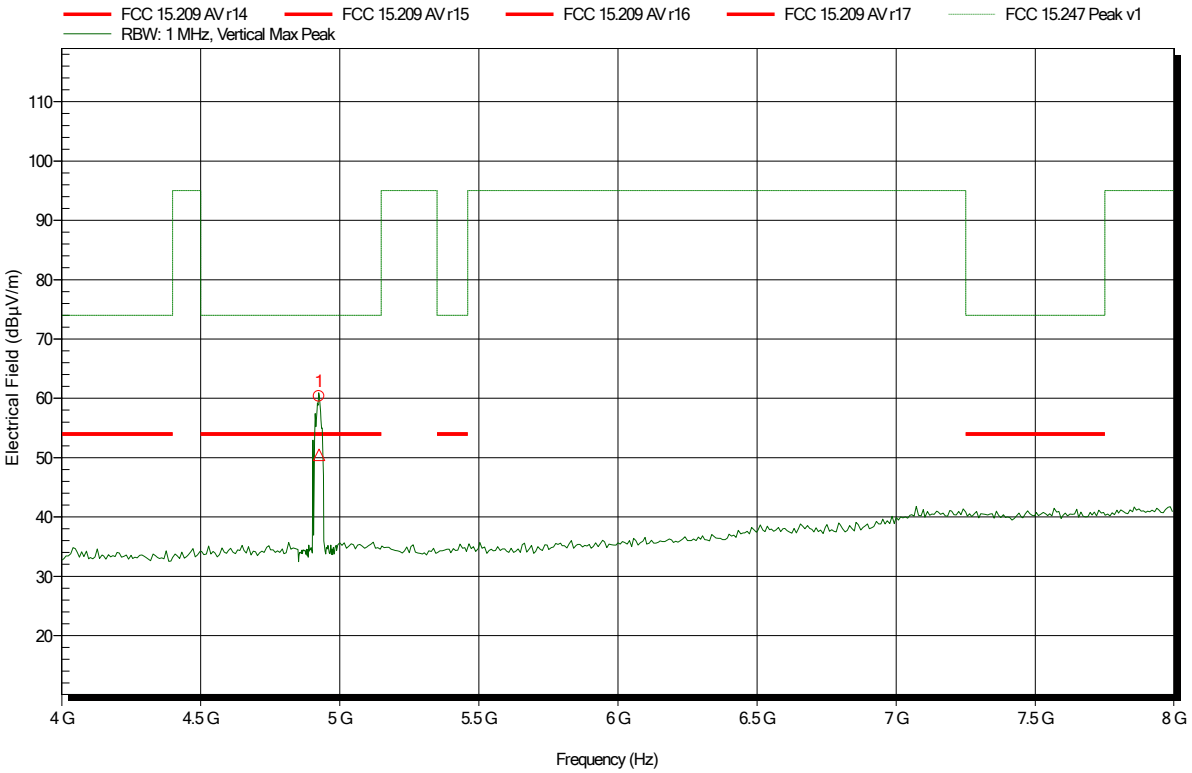

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.926 GHz	60.37 dBµV/m	74 dBµV/m	-13.63 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.926 GHz	50.47 dBµV/m	54 dBµV/m	-3.53 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 3
Test Date:	2019-09-25
Note:	Band Edge. Low Channel.

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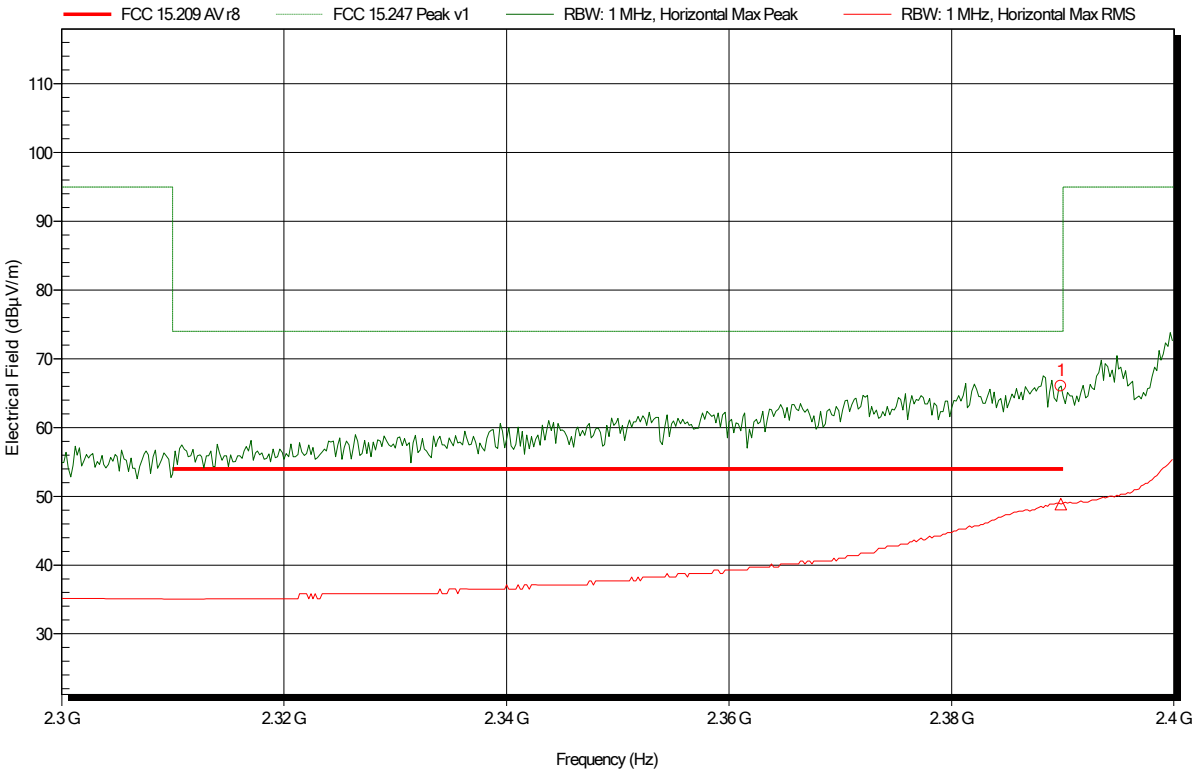

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.39 GHz	66.02 dBµV/m	74 dBµV/m	-7.98 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.39 GHz	48.85 dBµV/m	54 dBµV/m	-5.15 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 3
Test Date:	2019-09-25
Note:	Band Edge. Low Channel.

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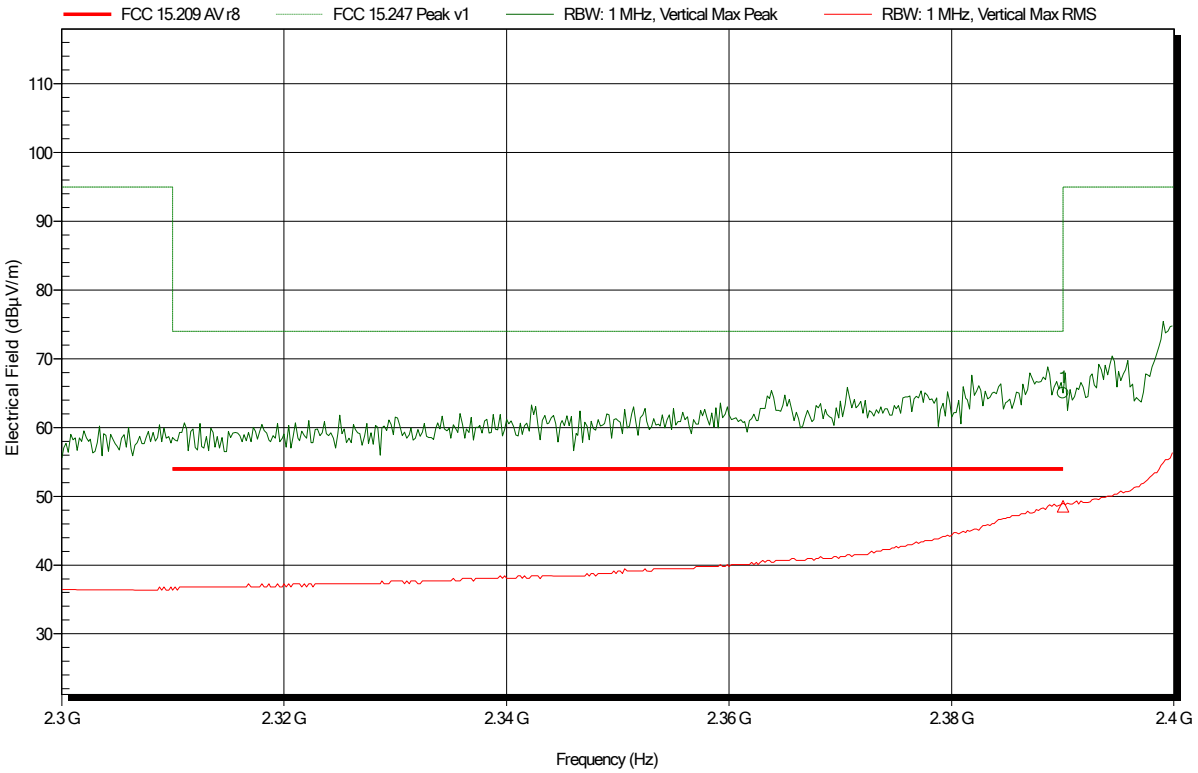

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.39 GHz	65 dBµV/m	74 dBµV/m	-9 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.39 GHz	48.54 dBµV/m	54 dBµV/m	-5.46 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 9
Test Date:	2019-09-25
Note:	Band Edge. High Channel.

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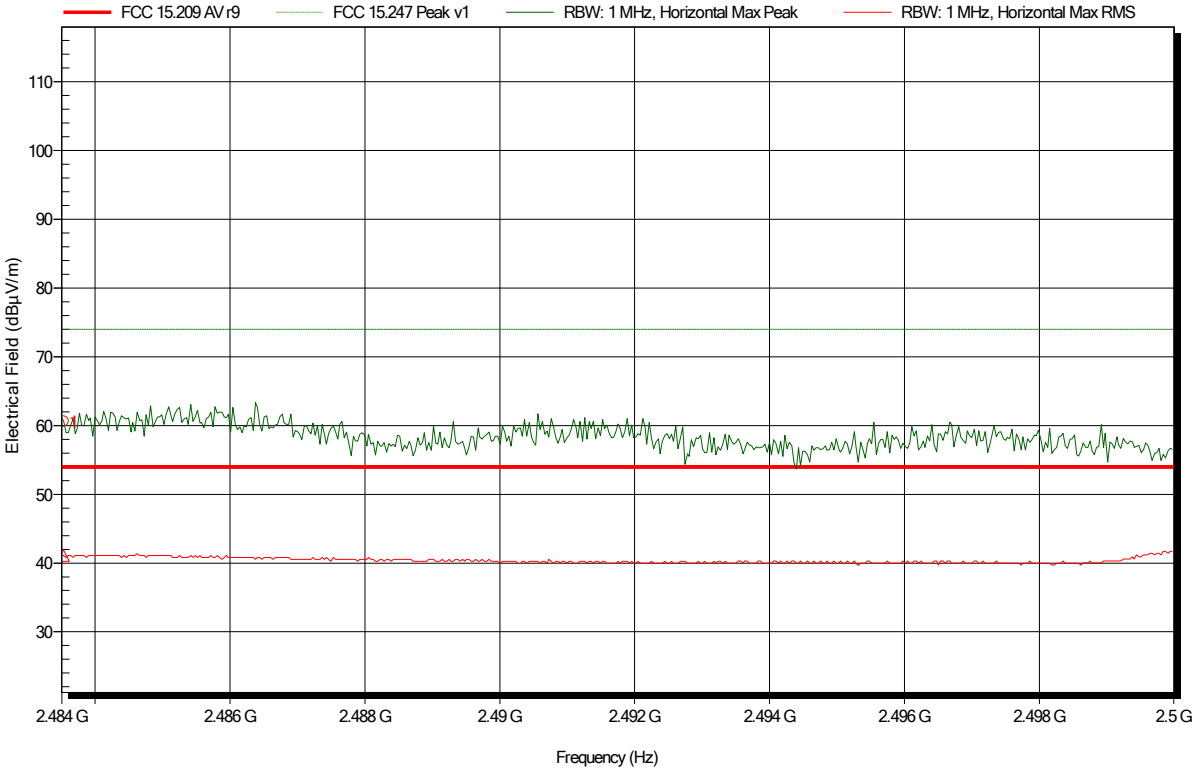

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.484 GHz	60.6 dBµV/m	74 dBµV/m	-13.4 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 9
Test Date:	2019-09-25
Note:	Band Edge. High Channel.

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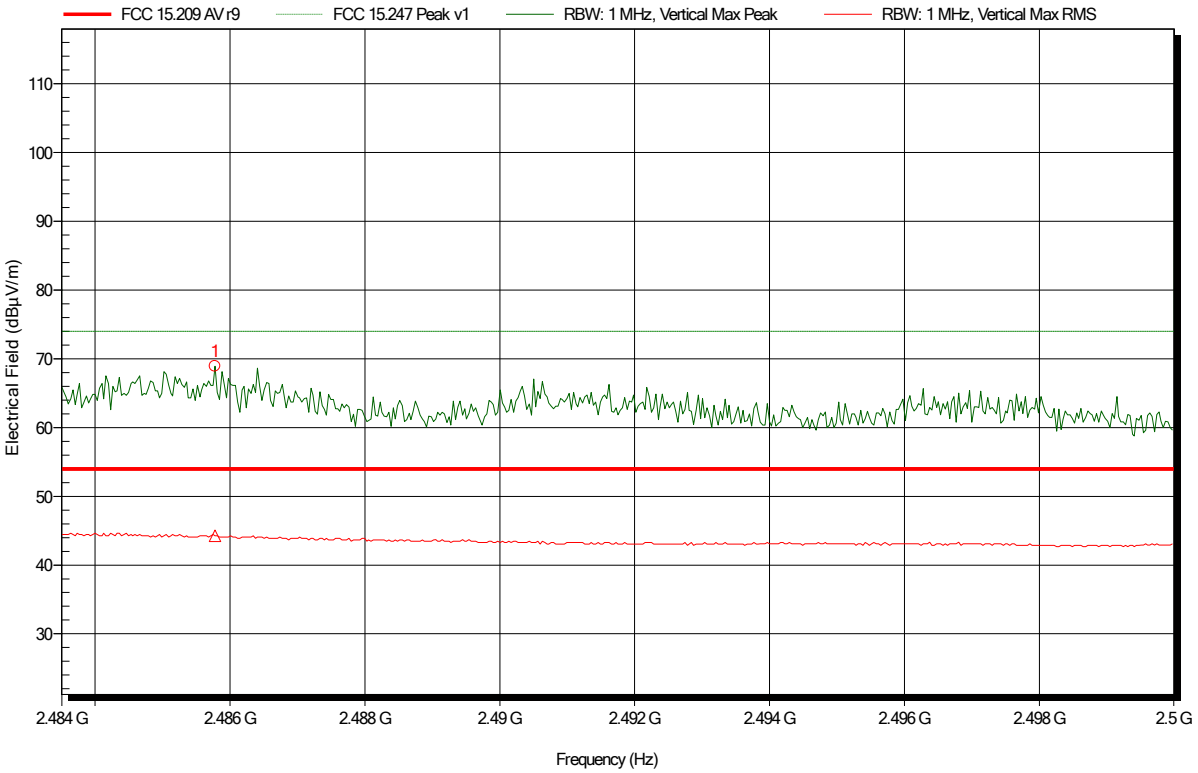

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.486 GHz	68.91 dBµV/m	74 dBµV/m	-5.09 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.486 GHz	44.25 dBµV/m	54 dBµV/m	-9.75 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 3
Test Date:	2019-09-26
Note:	

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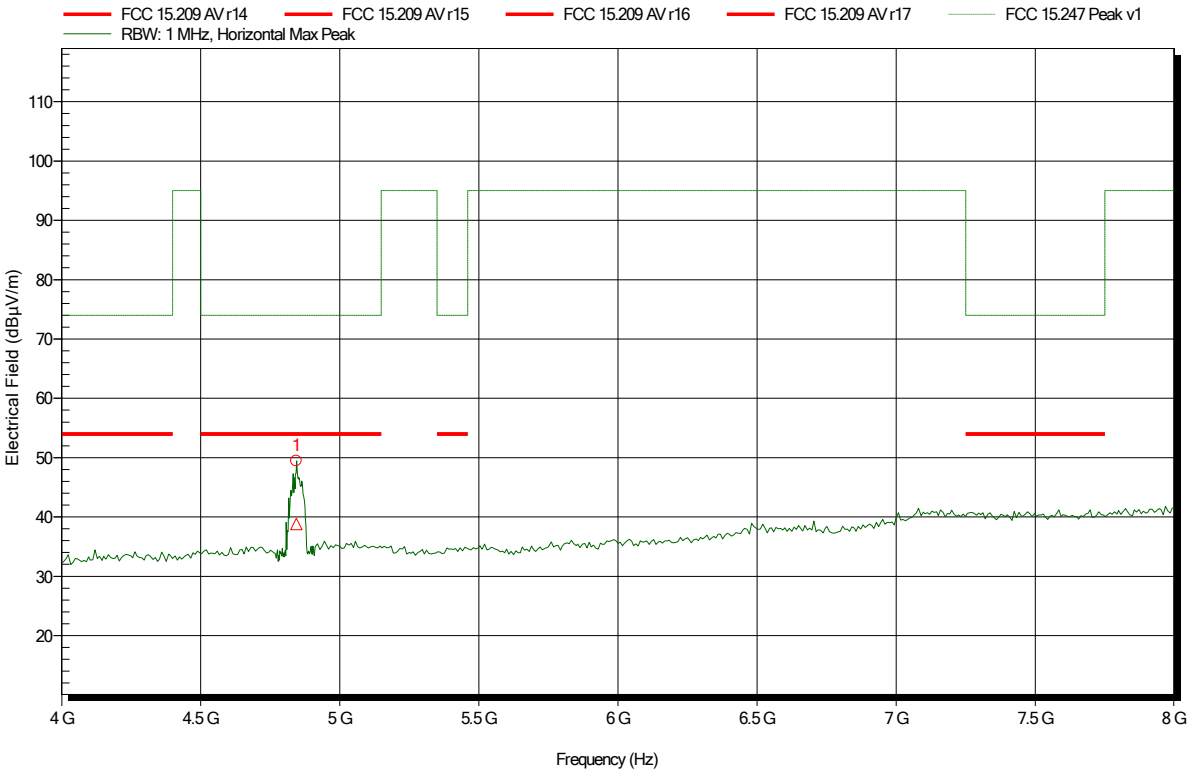

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.844 GHz	49.46 dBµV/m	74 dBµV/m	-24.54 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.844 GHz	38.8 dBµV/m	54 dBµV/m	-15.2 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 6
Test Date:	2019-09-26
Note:	

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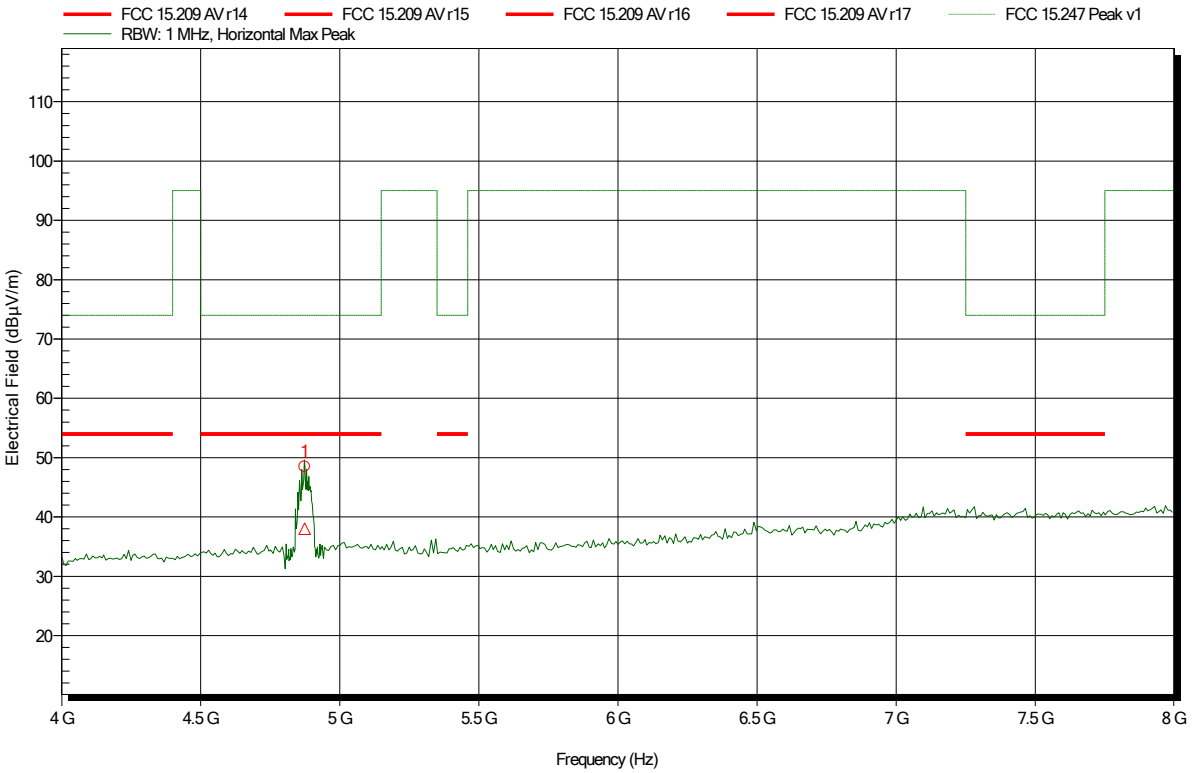

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.874 GHz	48.45 dBµV/m	74 dBµV/m	-25.55 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.874 GHz	38.03 dBµV/m	54 dBµV/m	-15.97 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 9
Test Date:	2019-09-26
Note:	

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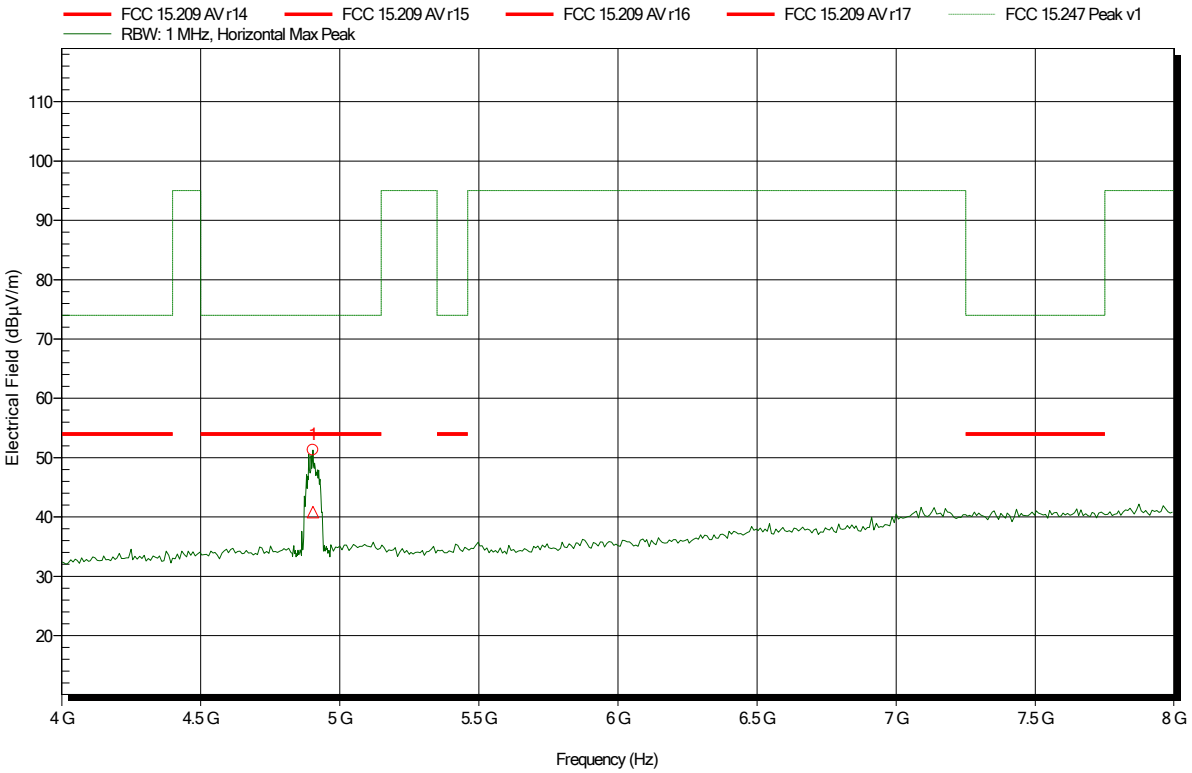

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.904 GHz	51.28 dBµV/m	74 dBµV/m	-22.72 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.904 GHz	40.84 dBµV/m	54 dBµV/m	-13.16 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 3
Test Date:	2019-09-26
Note:	

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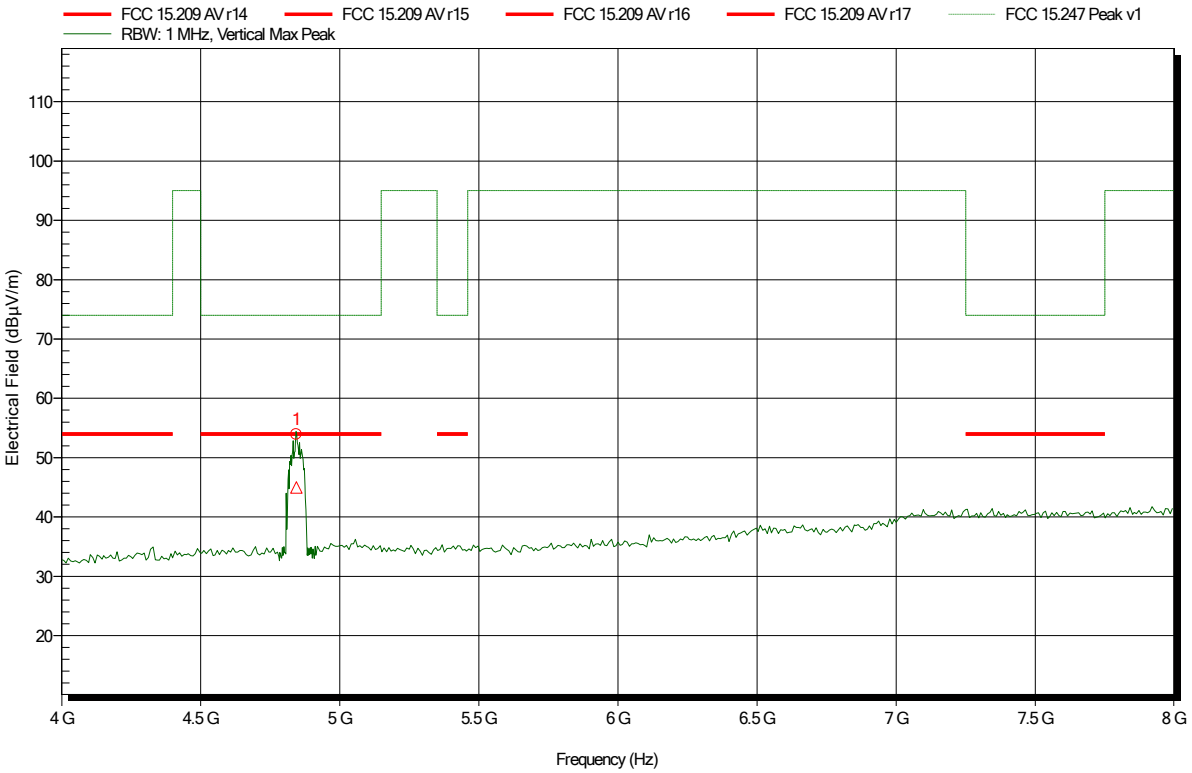

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.844 GHz	53.92 dBµV/m	74 dBµV/m	-20.08 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.844 GHz	44.96 dBµV/m	54 dBµV/m	-9.04 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 6
Test Date:	2019-09-26
Note:	

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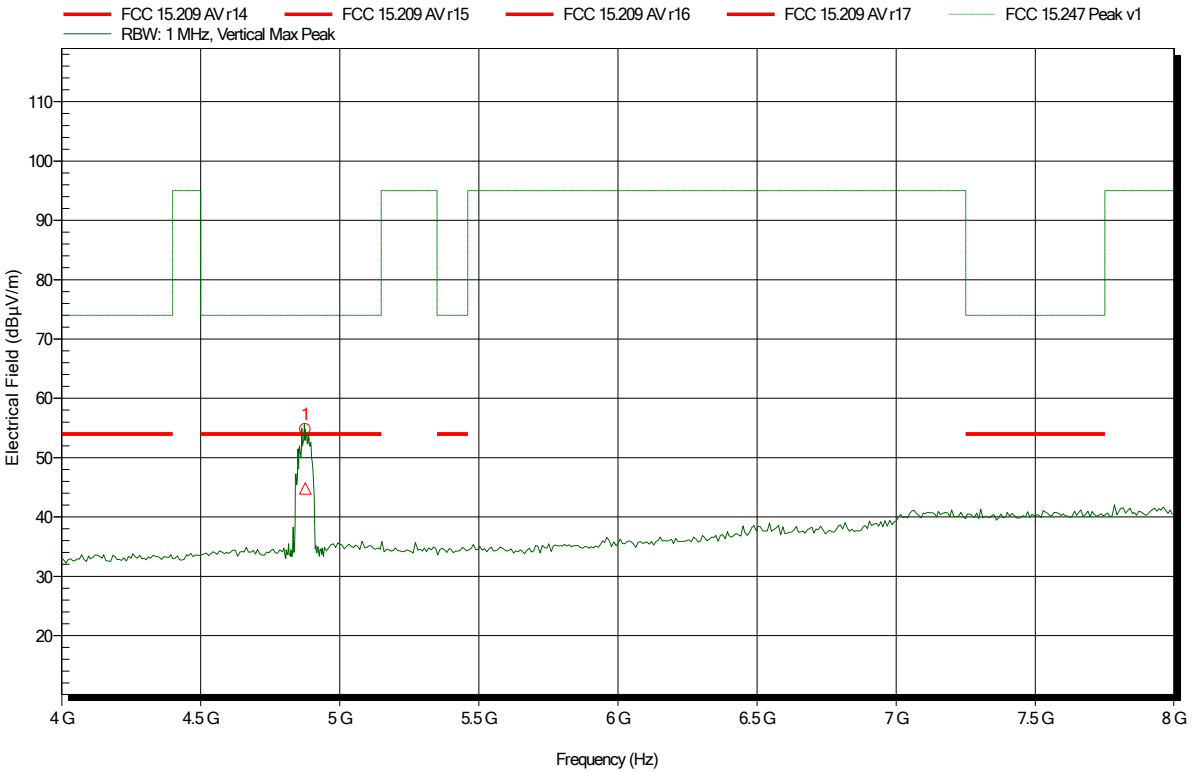

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.877 GHz	54.78 dBµV/m	74 dBµV/m	-19.22 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.877 GHz	44.79 dBµV/m	54 dBµV/m	-9.21 dB	Pass

Spurious emissions according to FCC 47 e-CFR §15.247

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; Power 15, IEEE 802.11 n HT40, TxChain 01, CH 9
Test Date:	2019-09-26
Note:	

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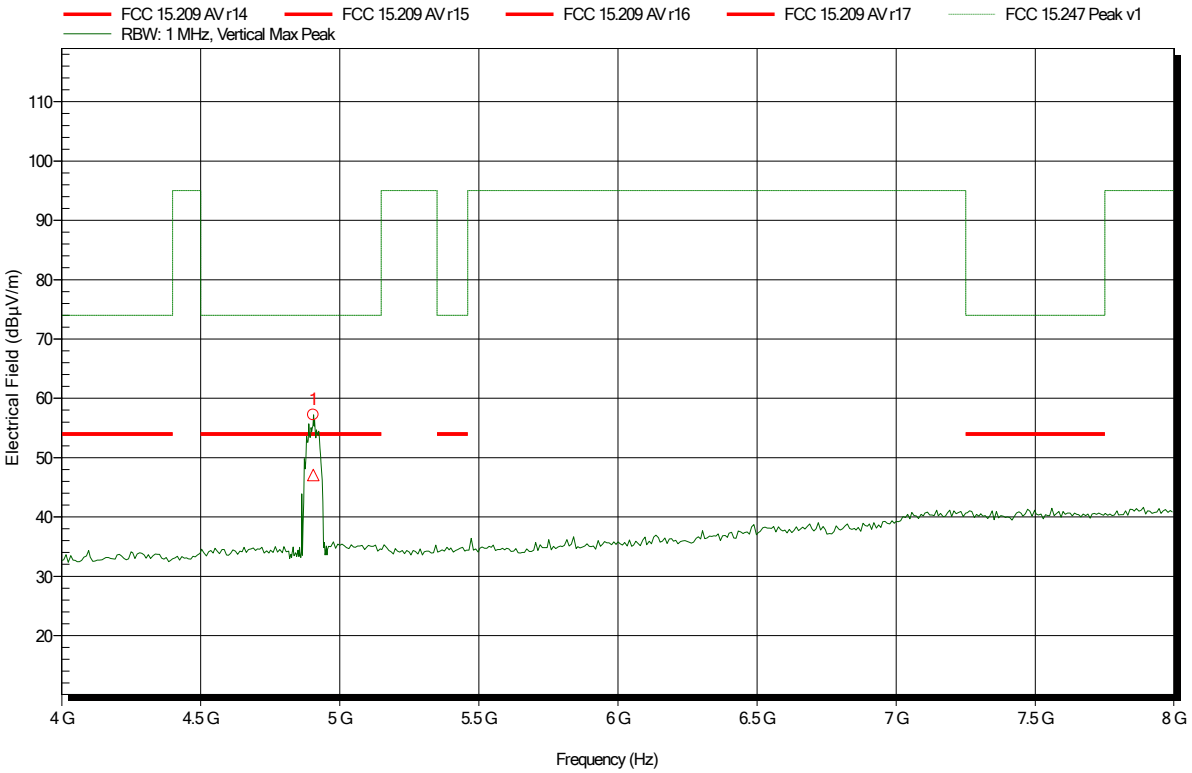

Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.906 GHz	57.2 dBµV/m	74 dBµV/m	-16.8 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
4.906 GHz	47.08 dBµV/m	54 dBµV/m	-6.92 dB	Pass

ANNEX B Receiver spurious emissions

Spurious emissions according to ISED RSS-Gen Issue 5 (April 2018)

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	RX; WLAN Rx Scan Mode
Test Date:	2019-07-26
Note:	

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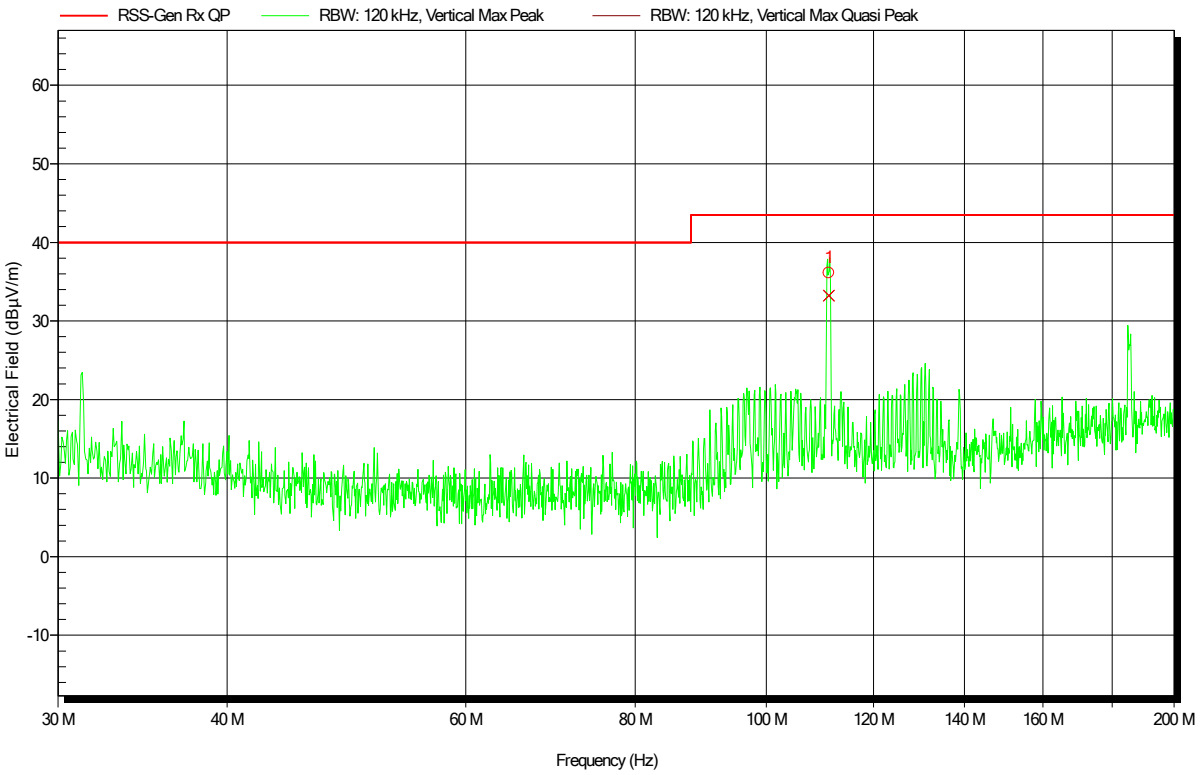

Frequency	Peak	Peak Limit	Peak Difference	Status	Angle	Height
111.2227 MHz	36.1 dBµV/m	43.5 dBµV/m	-7.4 dB	Pass	0 Degree	1 m

Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Angle	Height
111.2227 MHz	33.2 dBµV/m	43.5 dBµV/m	-10.26 dB	Pass	0 Degree	1 m

Spurious emissions according to ISED RSS-Gen Issue 5 (April 2018)

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	RX; WLAN Rx Scan Mode
Test Date:	2019-07-26
Note:	

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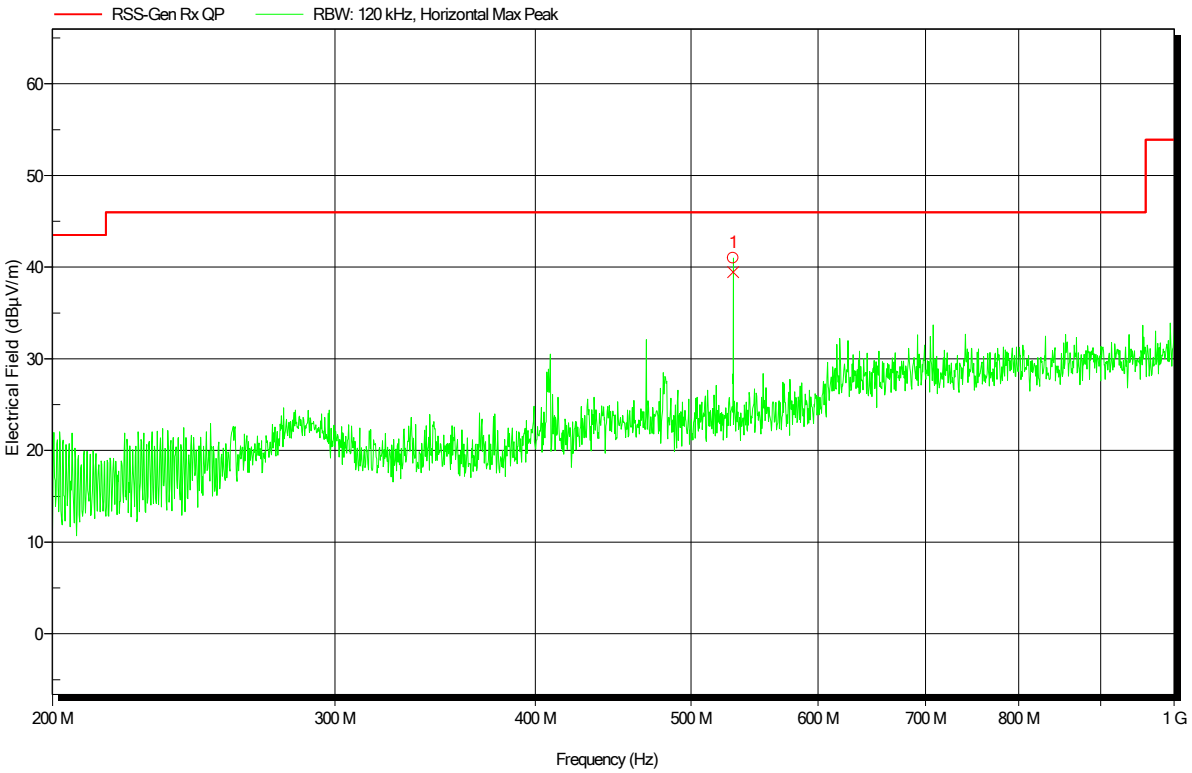

Frequency	Peak	Peak Limit	Peak Difference	Status	Angle	Height
531.2518 MHz	41 dBµV/m	46 dBµV/m	-5.02 dB	Pass	0 Degree	1 m

Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Angle	Height
531.2518 MHz	39.5 dBµV/m	46 dBµV/m	-6.54 dB	Pass	0 Degree	1 m

Spurious emissions according to ISED RSS-Gen Issue 5 (April 2018)

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	RX; WLAN Rx Scan Mode
Test Date:	2019-07-26
Note:	

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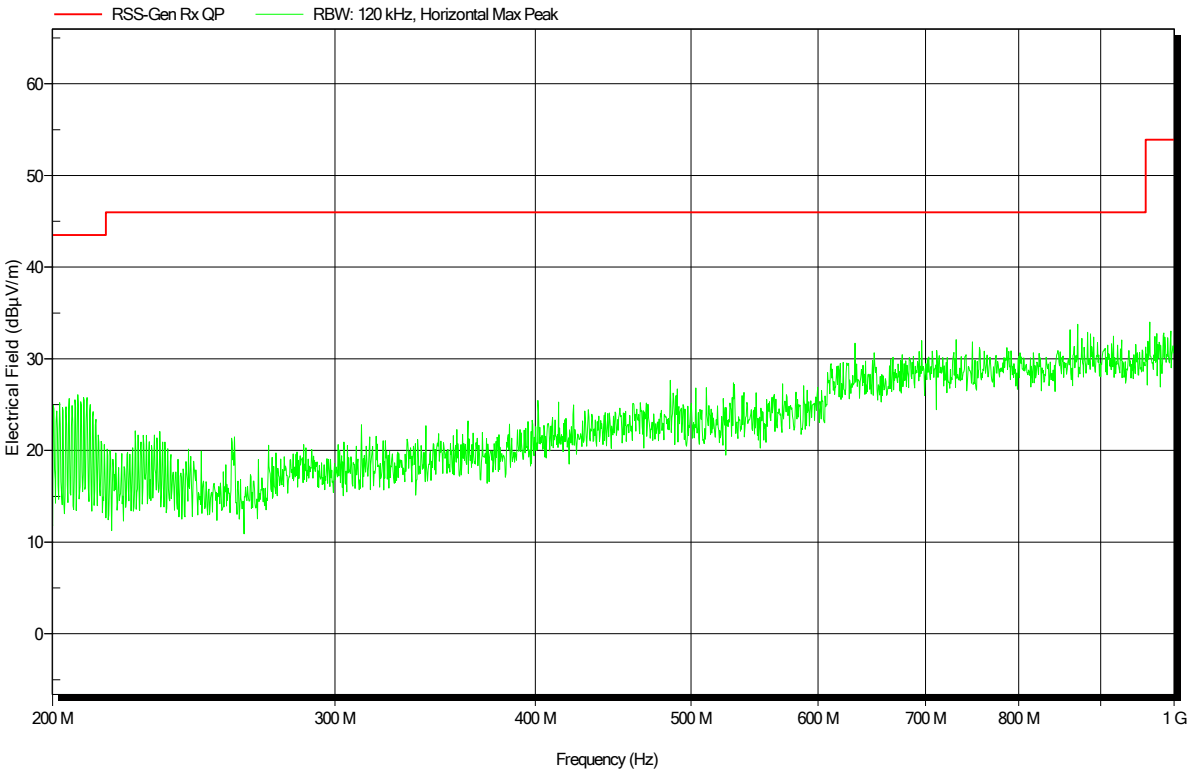

Spurious emissions according to ISED RSS-Gen Issue 5 (April 2018)

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Jahn
Test Conditions:	Tnom: 23°C, Vnom: 7.2 VDC battery
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	RX; WLAN Rx Scan Mode
Test Date:	2019-07-26
Note:	

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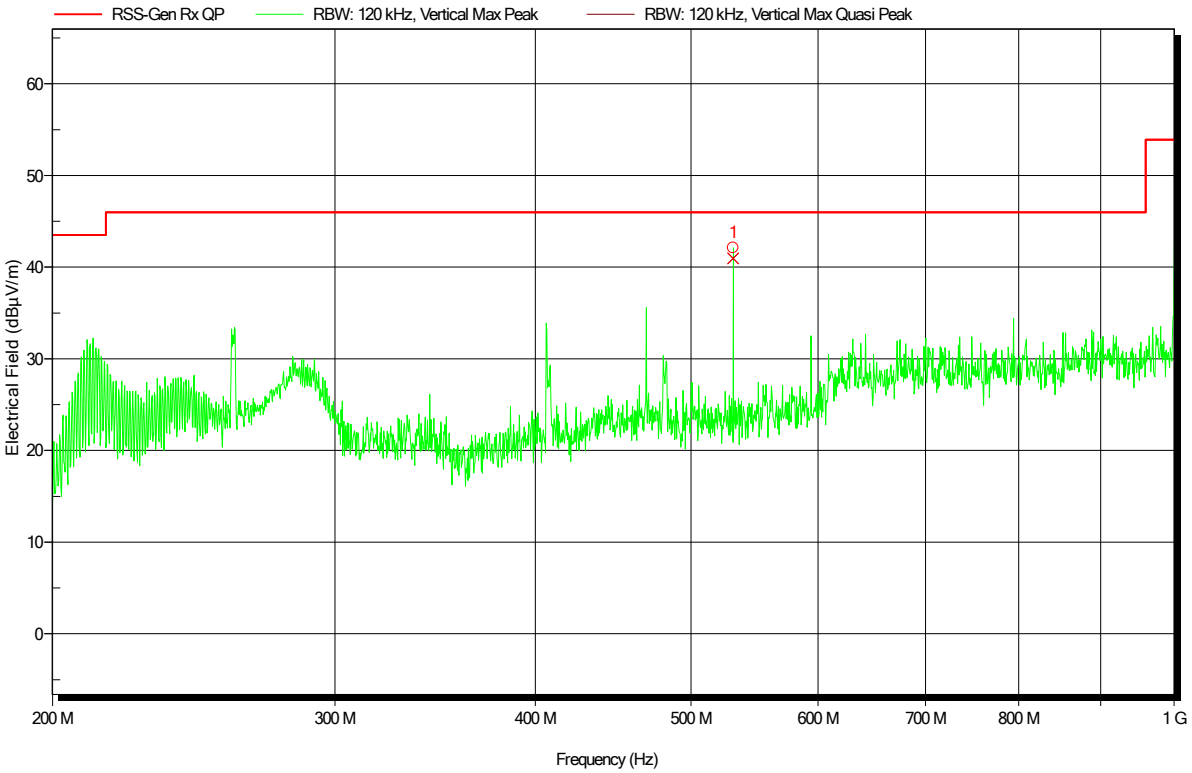

Frequency	Peak	Peak Limit	Peak Difference	Status	Angle	Height
531.2516 MHz	42.1 dBµV/m	46 dBµV/m	-3.89 dB	Pass	0 Degree	1 m

Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Angle	Height
531.2516 MHz	41 dBµV/m	46 dBµV/m	-5.05 dB	Pass	0 Degree	1 m

Spurious emissions according to ISED RSS-Gen

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 24°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; WLAN Rx scan mode
Test Date:	2019-09-26
Note:	

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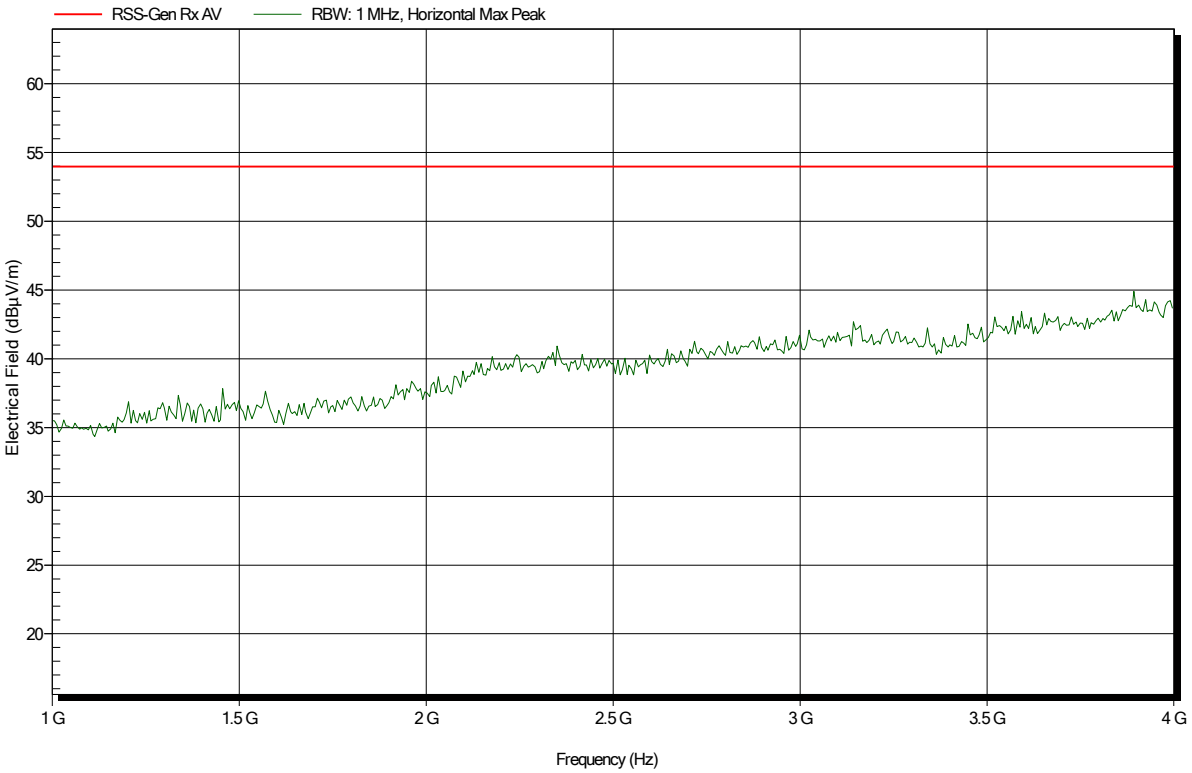

Spurious emissions according to ISED RSS-Gen

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 24°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; WLAN Rx scan mode
Test Date:	2019-09-26
Note:	

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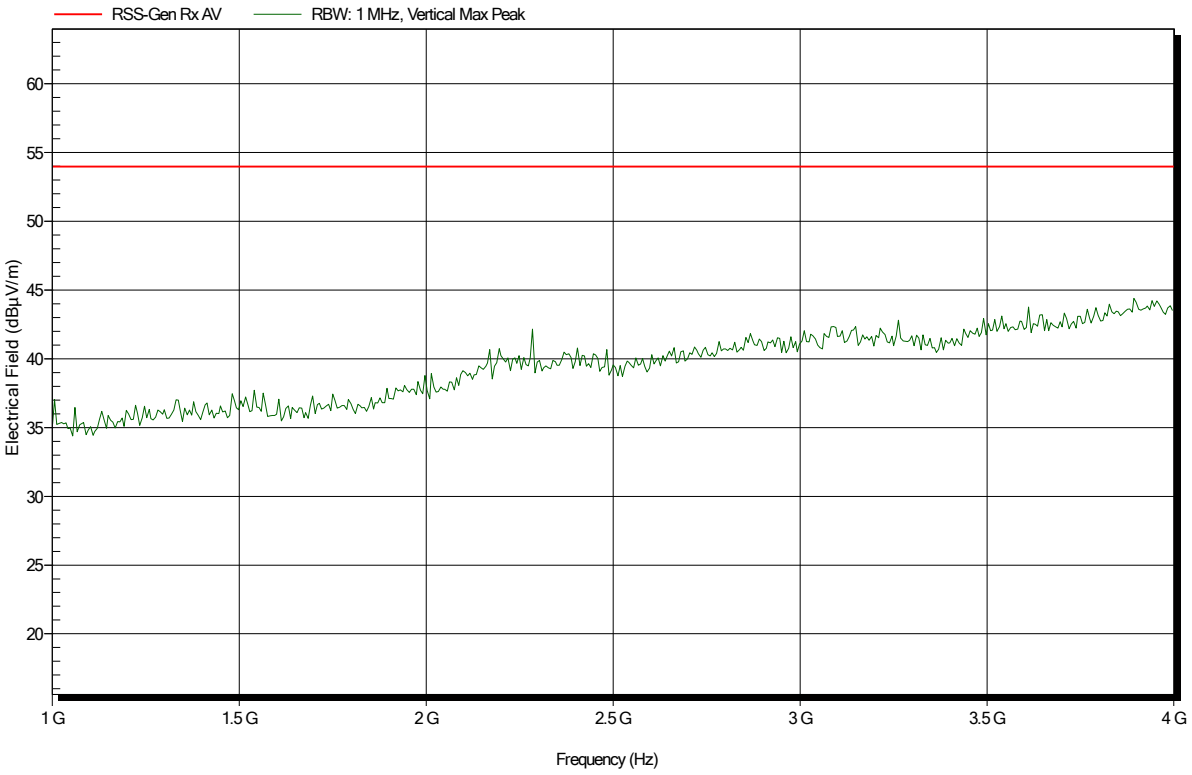

Spurious emissions according to ISED RSS-Gen

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 24°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m
Mode:	RX; WLAN Rx scan mode
Test Date:	2019-09-26
Note:	

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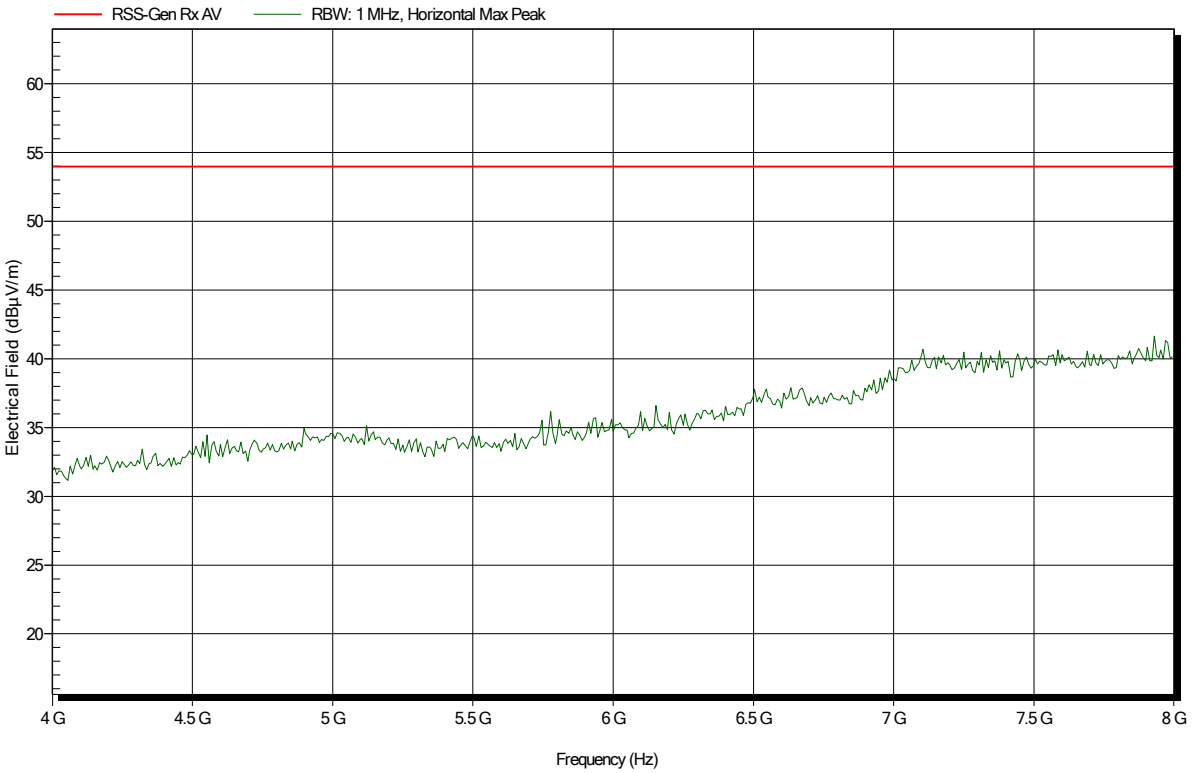

Spurious emissions according to ISED RSS-Gen

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 24°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m
Mode:	RX; WLAN Rx scan mode
Test Date:	2019-09-26
Note:	

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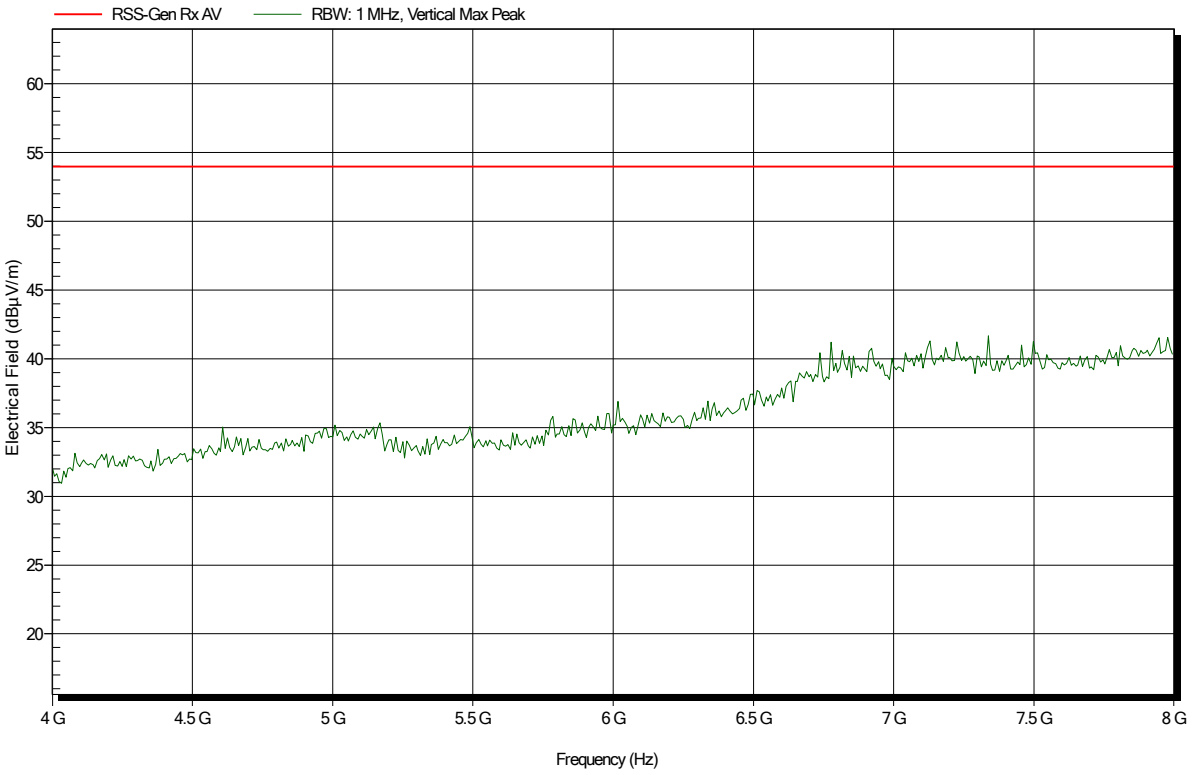

Spurious emissions according to ISED RSS-Gen

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 24°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; WLAN Rx scan mode
Test Date:	2019-09-26
Note:	

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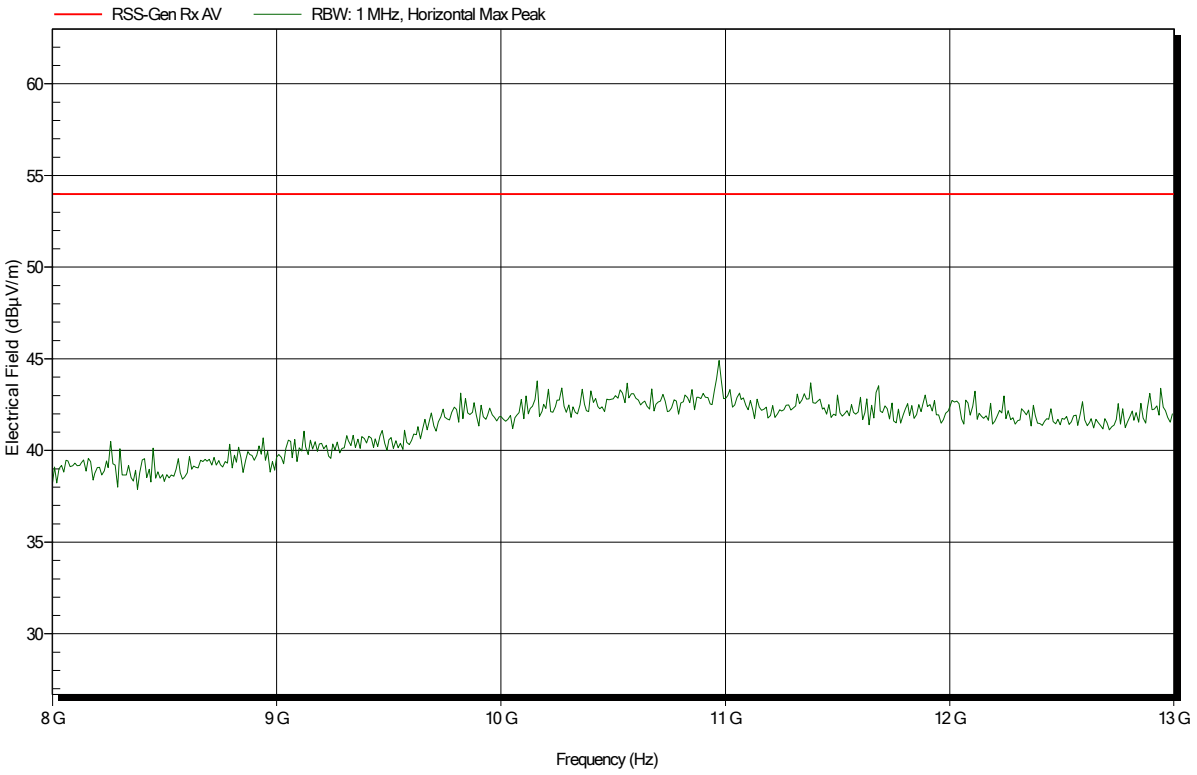

Spurious emissions according to ISED RSS-Gen

Project number:	G0M-1905-8271
Applicant:	Leica Geosystems AG
EUT Name:	Imaging Laser Scanner
Model:	BLK2GO
Test Site:	Eurofins Product Service GmbH
Operator:	Toralf Jahn
Test Conditions:	Tnom: 24°C, Vnom: 7.2 VDC battery
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; WLAN Rx scan mode
Test Date:	2019-09-26
Note:	

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