

FCC TEST REPORT

FCC 47 CFR Part 15C
Industry Canada RSS-210

Intentional radiator operating within the 902 - 928MHz band

Report Reference No. : G0M-1202-1765-TFC249D-V01

Testing Laboratory : Eurofins Product Service GmbH

Address : Storkower Str. 38c
15526 Reichenwalde
Germany

Accreditation :



A2LA Accredited Testing Laboratory, Certificate No.: 1983.01
FCC Filed Test Laboratory, Reg.-No.: 96970
IC OATS Filing assigned code: 3470A

Applicant's name : Orderman GmbH

Address : Bachstrasse 59
5023 Salzburg
AUSTRIA

Test specification:

Standard..... : 47 CFR Part 15C
RSS-210, Issue 8, 2010-12
RSS-Gen, Issue 3, 2010-12
ANSI C63.4:2009

Equipment under test (EUT):

Product description Sol+/Sol+ MSR Handheld terminal

Model No. Sol+ 09021 , Sol+ MSR 09031

Hardware version 1.xx

Firmware / Software version None

FCC-ID: A9CSOL090X

IC: 10102A-SOL0903

Test result Passed

Possible test case verdicts:

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

Testing:

Date of receipt of test item: 2012-03-01

Date (s) of performance of tests: 2012-03-01 – 2012-03-02

Compiled by: Antje Bartusch

Tested by (+ signature).....: Wilfried Treffke 

(Testing Manager)

Approved by (+ signature): Jens Zimmermann 

(Test Lab Manager)

Date of issue: 2012-03-12

Total number of pages: 76

General remarks:

The test results presented in this report relate only to the object tested.

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

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

Additional comments:

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1 Equipment (Test item) Description

Description	Sol+/Sol+ MSR Handheld terminal	
Model	Sol+ 09021 , Sol+ MSR 09031	
Serial number	None	
Hardware version	1.xx	
Software / Firmware version	None	
FCC-ID	A9CSOL090X	
IC	10102A-SOL0903	
Equipment type	End product	
Radio type	Transceiver	
Radio technology	custom	
Operating frequency range	902.2 - 905.2MHz	
Assigned frequency band	902 - 928MHz	
Frequency range	F _{LOW}	Ch10 / 902.45MHz
	F _{MID}	Ch 40 / 903.95MHz
	F _{HIGH}	Ch 70 / 905.45MHz
Spreading	None	
Modulations	unspecified	
Number of channels	61	
Channel spacing	50kHz	
Number of antennas	1	
Antenna	Type	integrated /permanently attached
	Model	unspecified
	Manufacturer	unspecified
	Gain	-14dBi
Manufacturer	Orderman GmbH Bachstrasse 59 5023 Salzburg AUSTRIA	
Power supply	V _{NOM}	3.7VDC (Lithium-Battery)
	V _{MIN}	N/A
	V _{MIN}	N/A
AC/DC-Adaptor / Charger	Model	FW7601/05
	Vendor	FRIWO
	Input	100-240VAC / 50-60Hz
	Output	5VDC / 1000mA

1.1 Photos – Equipment External



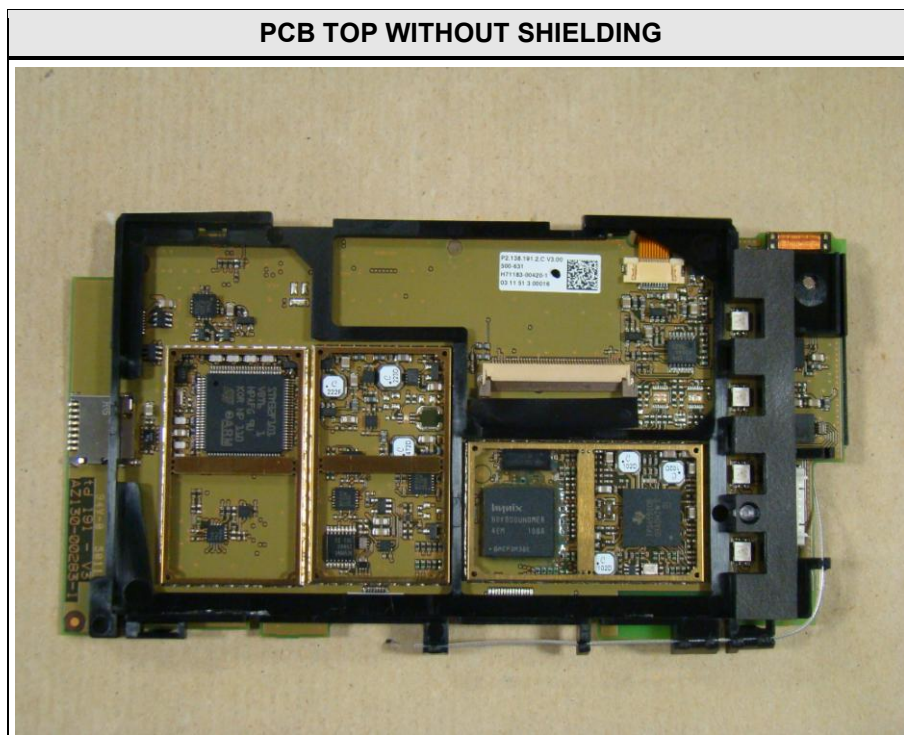
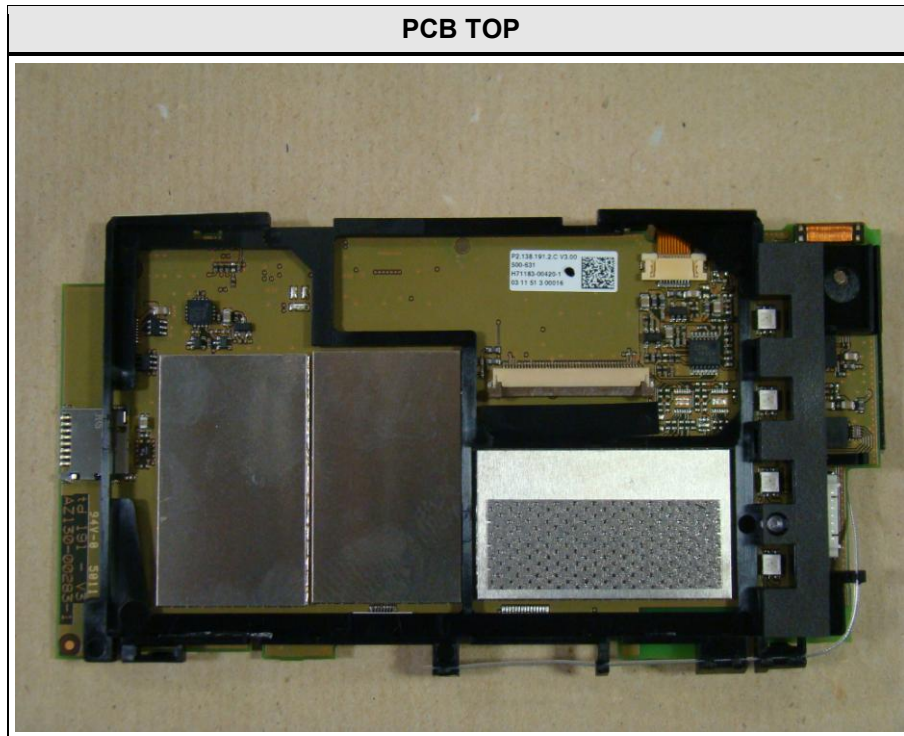
EUT DEDICATED CHARGER FRONT



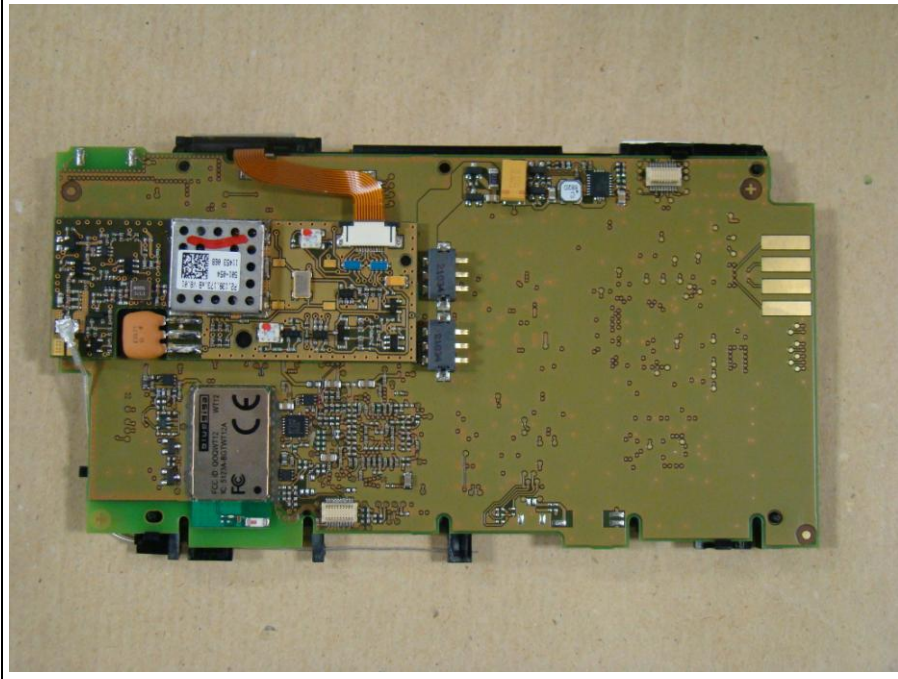
EUT DEDICATED CHARGER BACK



1.2 Photos – Equipment internal



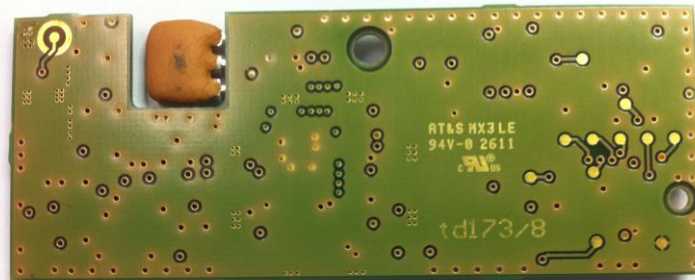
PCB BOTTOM



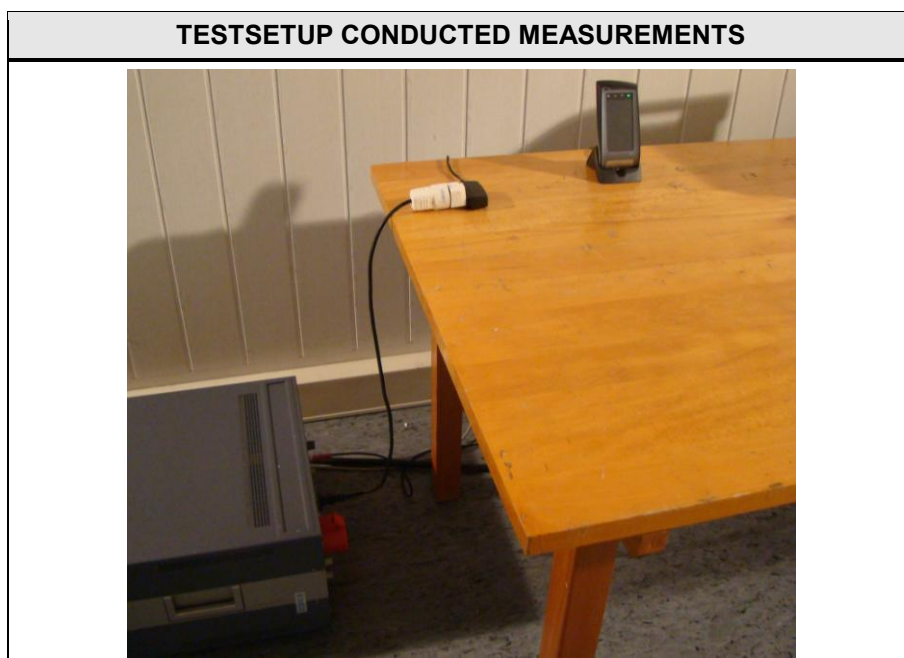
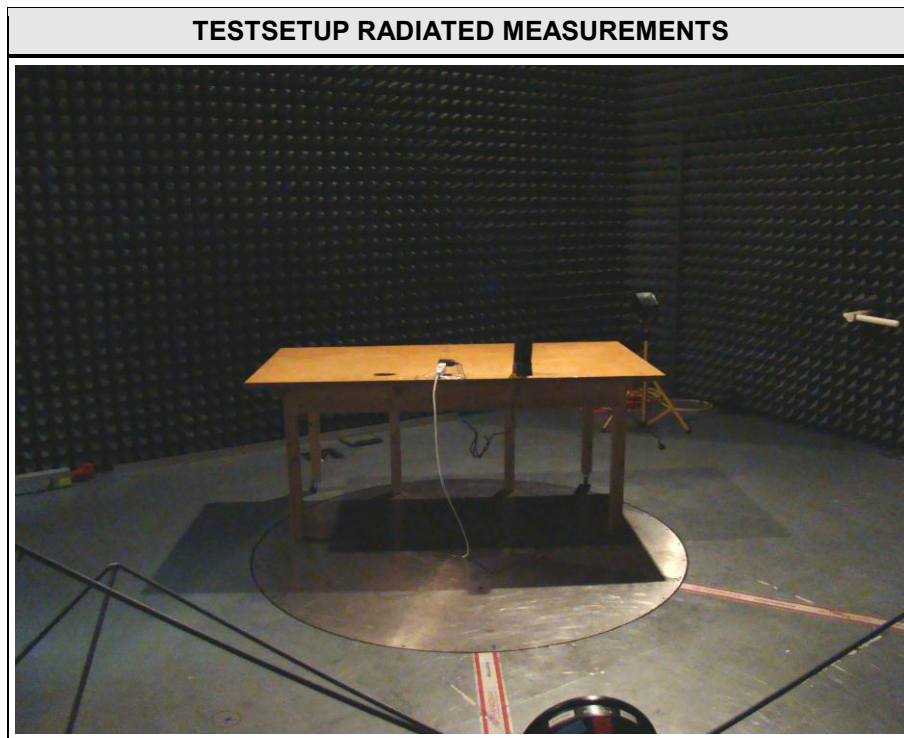
MODULE TOP



MODULE BOTTOM



1.3 Photos – Test setup



1.4 Supporting Equipment Used During Testing

Product Type*	Device	Manufacturer	Model No.	Comments
AE	Power Supply	FRIWO	FW7601/05	
*Note: Use the following abbreviations: AE : Auxiliary/Associated Equipment, or SIM : Simulator (Not Subjected to Test) CABL : Connecting cables				

1.5 Test Modes

Mode #	Description	
Single	General conditions:	EUT powered via dedicated AC/DC adaptor and charger
	Radio conditions:	Mode = standalone transmit Modulation = on Power level = Maximum
Receive	General conditions:	EUT powered via dedicated AC/DC adaptor and charger
	Radio conditions:	Mode = standalone receive Modulation = on

1.6 Test Equipment Used During Testing

Occupied Bandwidth					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSP 30	ETS 0496	Aug 10	Aug 12

Field strength emissions					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Semi-anechoic chamber	Frankonia	AC 5	ETS 0583		
Spectrum Analyzer	R&S	FSIQ26	ETS 0413	Apr. 11	Apr. 12
Biconical Antenna	R&S	HK 116	ETS 0012	Jan 10	Jan 13
LPD Antenna	R&S	HL 223	ETS 0295	Feb 11	Feb 13
LPD Antenna	R&S	HL 025	ETS 0512	Feb 10	Feb 13

AC powerline conducted emissions					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
AMN	R&S	ESH2-Z5	ETS 0288	Sep 10	Sep 12
AMN	R&S	ESH3-Z5	ETS 0040	Nov 10	Nov 12
EMI Test Receiver	R&S	ESCS 30	ETS 0474	Jun 11	Jun 12

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 dB μ V. 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 dB μ V/m). The FCC limits are given in units of μ V/m. The following formula is used to convert the units of μ V/m to dB μ V/m:

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

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 dB μ V	+	26 dB	=	47.5 dB μ V/m	:	47.5 dB μ V/m - 57.0 dB μ V/m	=	-9.5 dB

2 Result Summary

FCC 47 CFR Part 15C, IC RSS-210				
Product Specific Standard Section	Requirement – Test	Reference Method	Result	Remarks
RSS-Gen 4.6.1	Occupied Bandwidth	RSS-Gen 4.6.1	N/R	Informational only
FCC 15.249(a),(c),(e) IC RSS-210 A2.9(a)	Fundamental field strength emissions	ANSI C63.4	PASS	
FCC 15.249(a),(c),(d),(e) IC RSS-210 A2.9(a),(b)	Emission radiated outside the specified frequency band	ANSI C63.4	PASS	
IC RSS-210 Section 2.3 IC RSS-Gen 4.10 6.1	Receiver radiated spurious emissions	ANSI C63.4	PASS	
FCC § 15.207 IC RSS-Gen 7.2.4	AC power line conducted emissions	ANSI C63.4	PASS	
Remarks:				

3 Test Conditions and Results

3.1 Test Conditions and Results – Occupied Bandwidth

Occupied Bandwidth acc. IC RSS-Gen			Verdict: PASS
Test according to measurement reference		Reference Method	
		RSS-Gen 4.6.1	
Test frequency range		Tested frequencies	
		F _{LOW} / F _{MID} / F _{HIGH}	
EUT test mode		Single	
Limits			
None (Informational only)			
Test setup			
Spectrum Analyzer EUT			
Test procedure			
1. EUT set to test mode (Communication tester is used if needed) 2. Span set to at least twice the emission spectrum 3. Resolution bandwidth set to 1% of span 4. Occupied Bandwidth (99%) measurement with spectrum analyzer built in measurement function			
Test results			
Channel	Frequency [MHz]	Occupied Bandwidth [kHz]	
10	902.45	26.40	
40	903.95	28.00	
70	905.45	28.00	
Comments: Measurement is applicable to all variants			

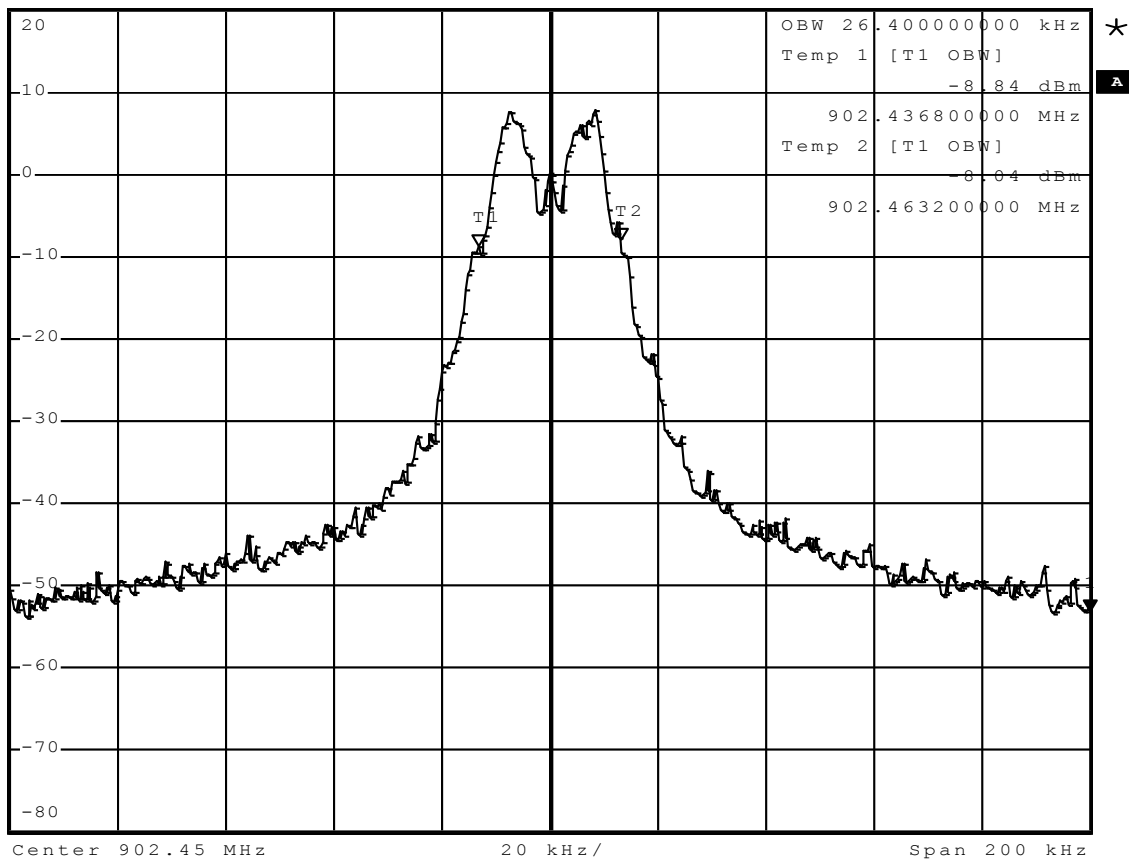
Occupied Bandwidth - F_{low}

RSS Gen Occupied Bandwidth

EUT	Sol+ MSR Handheld terminal
Model	Sol+ MSR 09031
Approval Holder	Ordermann GmbH
Temperature / Voltage	23°C / Unom: 3.7 VDC
Test Site / Operator	Eurofins Product Service GmbH / Mr. Treffke
Test Specification	Occupied Bandwidth
Comment 1	Channel.: 10 / 902.45 MHz
Comment 2	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 3	GFSK



* RBW 1 kHz Marker 1 [T1]
 VBW 3 kHz -53.21 dBm
 Ref 20 dBm Att 40 dB SWT 200 ms 902.550000000 MHz

1 PR
VIEW


Comment: Spectrum_Analyzer_FSP
 Date: 2.MAR.2012 09:38:44

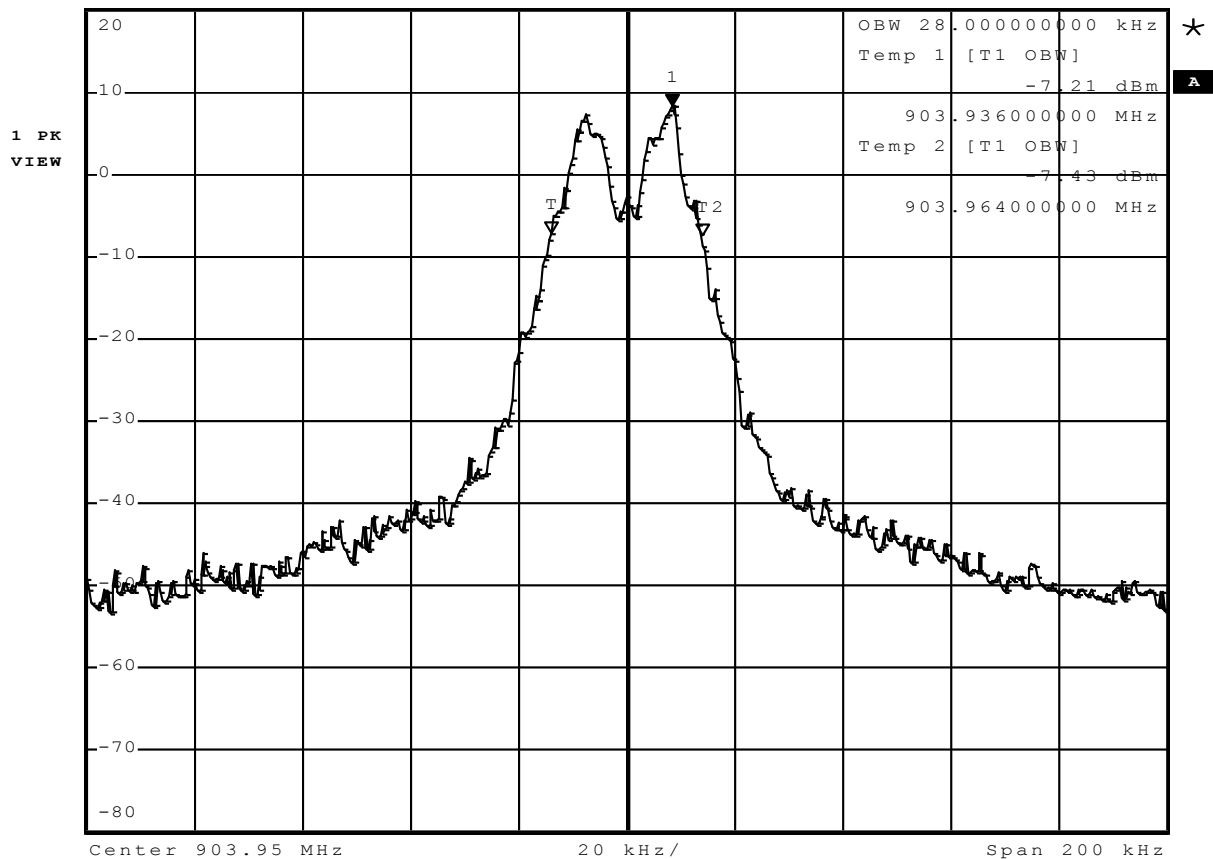
Occupied Bandwidth - F_{MID}

RSS Gen Occupied Bandwidth

EUT	Sol+ MSR Handheld terminal
Model	Sol+ MSR 09031
Approval Holder	Ordermann GmbH
Temperature / Voltage	23°C / Unom: 3.7 VDC
Test Site / Operator	Eurofins Product Service GmbH / Mr. Treffke
Test Specification	Occupied Bandwidth
Comment 1	Channel.: 40 / 903.95 MHz
Comment 2	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 3	GFSK



* RBW 1 kHz Marker 1 [T1]
 VBW 3 kHz 8.40 dBm
 Ref 20 dBm Att 40 dB SWT 200 ms 903.958400000 MHz



Comment: Spectrum_Analyzer_FSP
 Date: 2.MAR.2012 09:36:26

Occupied Bandwidth – F_{High}

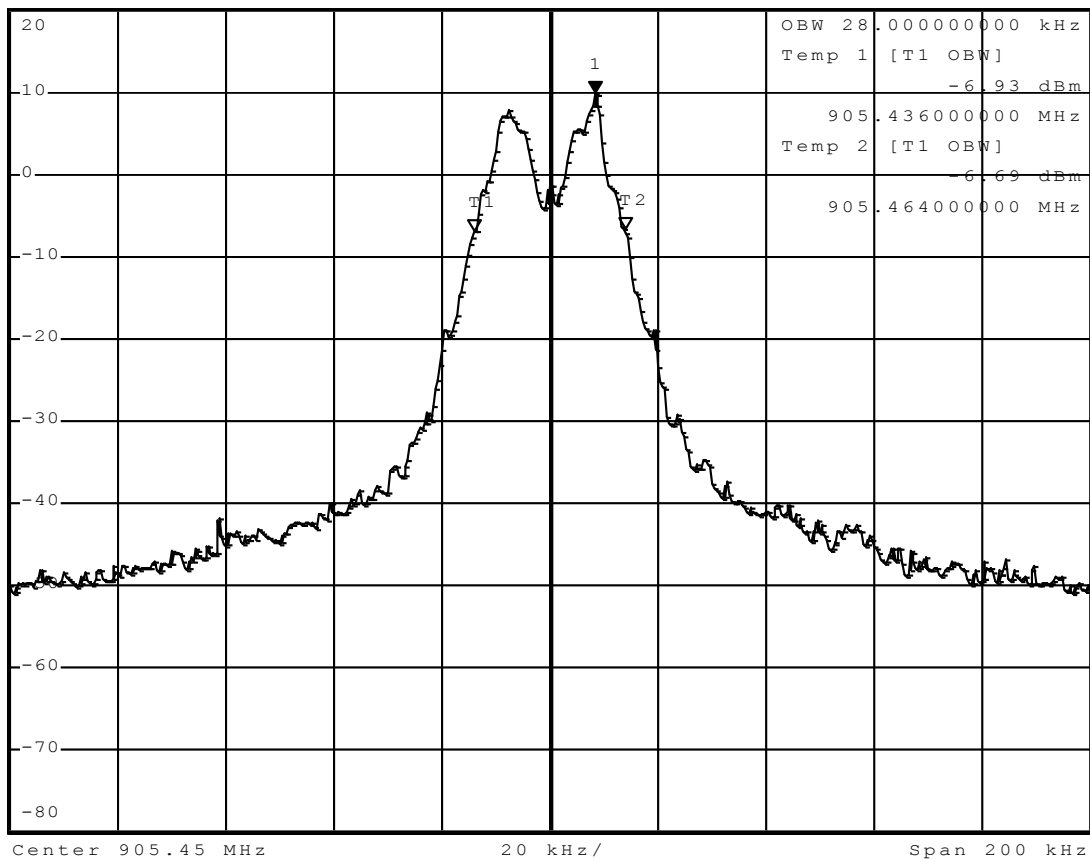
RSS Gen Occupied Bandwidth

EUT	Sol+ MSR Handheld terminal
Model	Sol+ MSR 09031
Approval Holder	Ordermann GmbH
Temperature / Voltage	23°C / Unom: 3.7 VDC
Test Site / Operator	Eurofins Product Service GmbH / Mr. Treffke
Test Specification	Occupied Bandwidth
Comment 1	Channel.: 70 / 905.45 MHz
Comment 2	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 3	GFSK



* RBW 1 kHz Marker 1 [T1]
 VBW 3 kHz 9.79 dBm
 Ref 20 dBm Att 40 dB SWT 200 ms 905.458400000 MHz

1 PR
VIEW

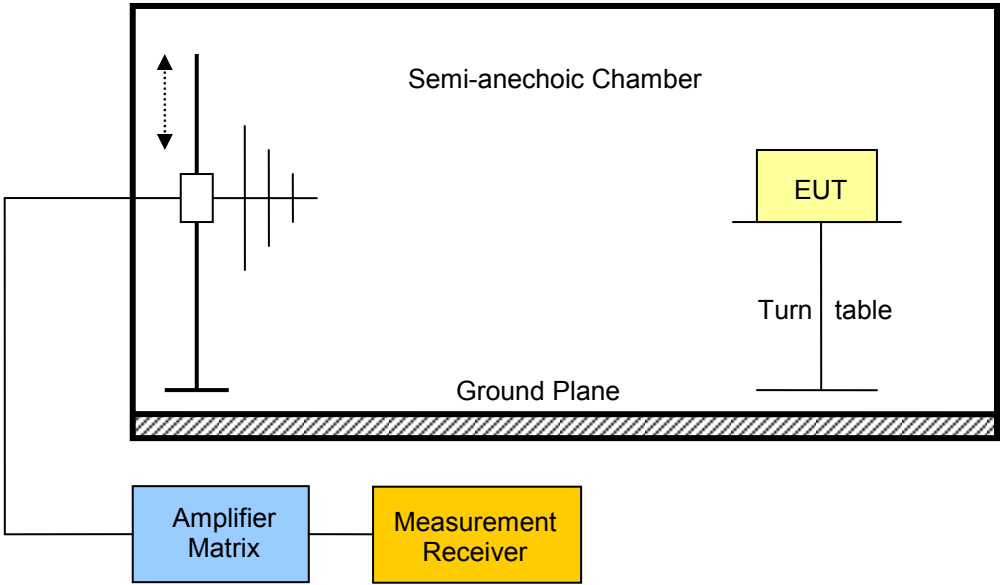


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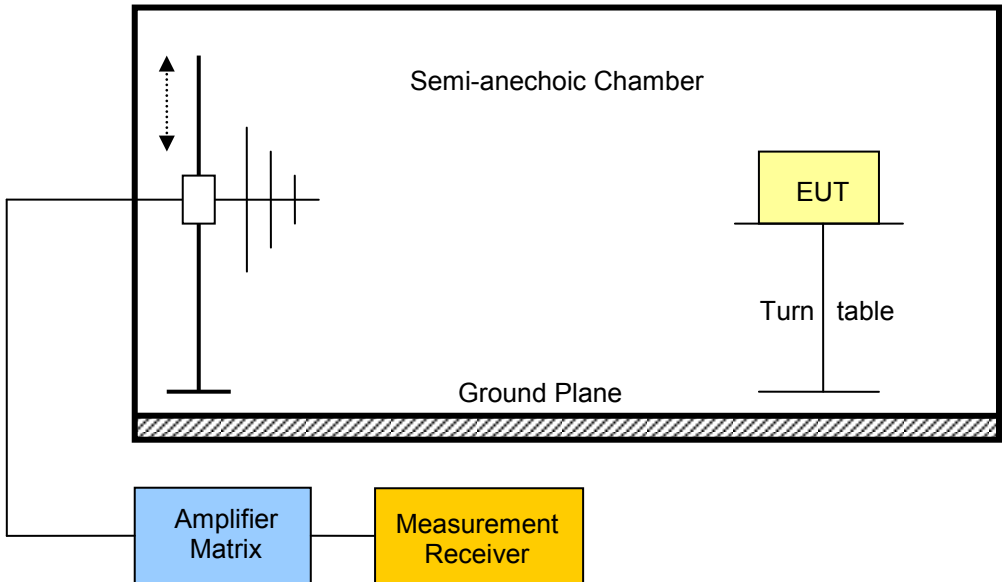
Test procedure								
1. EUT set to test mode 2. Span it set according to measurement range 3. Resolution bandwidth below 1GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1MHz with peak/average detector is used above 1GHz 4. Markers are set to maximum emission levels								
Test results								
Channel	Frequency [MHz]	Emission [MHz]	Level [dB μ V/m]	Detector	Pol.	Limit [dB μ V/m]	Limit distance [m]*	Margin [dB]
10	902.45	902.427	91.00	pk	ver	94	3	-03.00
40	903.95	903.928	90.78	pk	ver	94	3	-03.22
70	905.45	905.415	90.26	pk	ver	94	3	-03.74
Comments: * Physical distance between EUT and measurement antenna.								

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

Radiated out-of-band band emissions acc. FCC 47 CFR 15.249 / IC RSS-210				Verdict: PASS
Test according referenced standards	Reference Method			
	FCC 15.249(a),(c),(d),(e) / IC RSS-210 A2.9(a),(b)			
Test according to measurement reference	Reference Method			
	ANSI C63.4			
Test frequency range	Tested frequencies			
	30MHz – 10 th hamonic			
EUT test mode	Single			
Limits - Harmonics				
Frequency range [MHz]	Detector	Limit [µV/m]	Limit [dBµV/m]	Limit Distance [m]
902 – 928	Quasi-Peak	500	54	3
2400 – 2483.5	Average	500	54	3
5725 - 5875	Average	500	54	3
Limits - General				
Frequency range [MHz]	Detector	Limit [µV/m]	Limit [dBµV/m]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3
FCC 15.249(e) : for frequencies above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.				
Except the higher order harmonics, emission radiated outside the specified frequency band shall be attenuated by at least 50 dB below the level of the fundamental or to the general field strength limits listed in 15.209 / RSS-Gen, whichever is less stringent.				

Test setup								
								
Test procedure								
1. EUT set to test mode 2. Span it set according to measurement range 3. Resolution bandwidth below 1GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1MHz with peak/average detector is used above 1GHz 4. Markers are set to maximum emission levels								
Test results								
Channel	Frequency [MHz]	Emission [MHz]	Level [dBμV/m]	Detector	Pol.	Limit [dBμV/m]	Limit distance [m]*	Margin [dB]
10	902.45	902	41.1	pk	ver	46	3	-04.90
10	902.45	902	28.3	pk	hor	46	3	-17.70
10	902.45	1806	51.6	pk	ver	74	3	-22.40
10	902.45	1806	55.1	pk	hor	74	3	-18.90
10	902.45	1805	52.4	avg	hor	54	3	-01.60
10	902.45	1806	51.6	pk	ver	74	3	-22.40
10	902.45	1806	55.1	pk	hor	74	3	-18.90
40	903.95	1806	51.9	pk	ver	74	3	-22.10
40	903.95	1806	54.7	pk	hor	74	3	-19.30
40	903.95	1808	53.0	avg	hor	54	3	-01.00
70	905.45	1812	51.9	pk	ver	74	3	-22.10
70	905.45	1812	54.2	pk	hor	74	3	-19.80
70	905.45	1812	53.2	avg	hor	54	3	-00.80
Comments: * Physical distance between EUT and measurement antenna.								

3.4 Test Conditions and Results – Receiver radiated emissions

Receiver radiated emissions acc. IC RSS-210				Verdict: PASS
Test according referenced standards	Reference Method			
	IC RSS-210 A8.5			
Test according to measurement reference	Reference Method			
	ANSI C63.4			
Test frequency range	Tested frequencies			
	30MHz – 3 th Harmonic			
EUT test mode	Receive			
Limits				
Frequency range [MHz]	Detector	Limit [µV/m]	Limit [dBµV/m]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3
Test setup				
				

Test procedure							
1. EUT set to receive mode (Communication tester is used if needed) 2. Span it set according to measurement range 3. Resolution bandwidth below 1GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1MHz with peak/average detector is used above 1GHz 4. Markers are set to peak emission levels							
Test results							
Channel	Frequency [MHz]	Emission [MHz]	Emission Level [dB μ V/m]	Emission Level [μ V/m]	Det.	Limit [μ V/m]	Margin [μ V/m]
40	903.95	189.439	32.39	41.64	pk	150	-108.36
40	903.95	198.637	32.56	42.46	pk	150	-107.54
40	903.95	802.806	28.89	27.83	pk	200	-172.17
40	903.95	557.515	23.43	14.84	pk	200	-185.16
40	903.95	3934.000	41.95	125.17	pk	500	-374.83
40	903.95	3856.000	42.25	129.57	pk	500	-370.43
Comments: * Physical distance between EUT and measurement antenna.							

3.5 Test Conditions and Results – AC power line conducted emissions

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

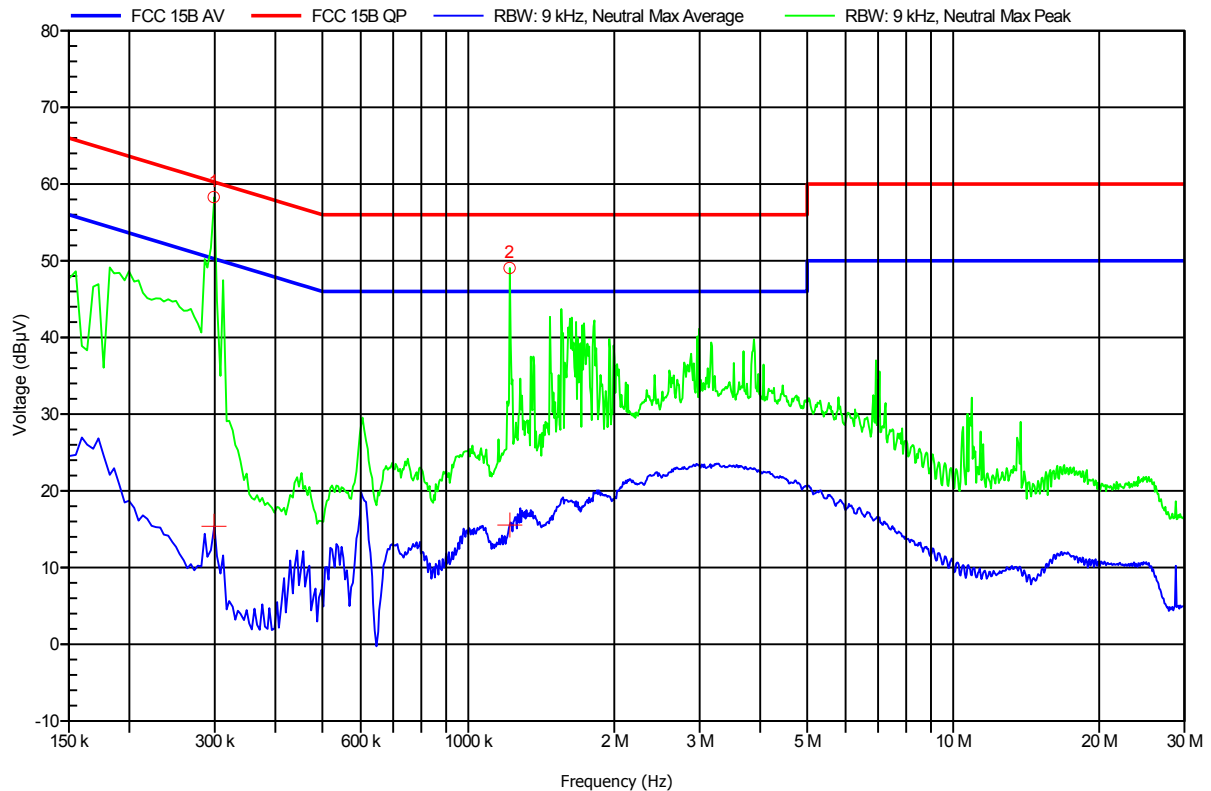
Conducted Emissions

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

Project number: G0M-1202-1765

Manufacturer: Orderman GmbH
 EUT Name: Sol+ MSR
 Model: 09031
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Klein
 Test Conditions: Tnom: 23°C, Unom: 120VAC
 LISN: ESH2-Z5 N
 Mode: charging
 Test Date: 2012-03-02
 Note:

Index 1



Frequency
 298.5 kHz
 1.216 MHz

Frequency	Average	Average Limit	Average Difference	Average Status
298.5 kHz	15.42 dBμV	50.28 dBμV	-34.86 dB	Pass
1.216 MHz	15.58 dBμV	46 dBμV	-30.42 dB	Pass

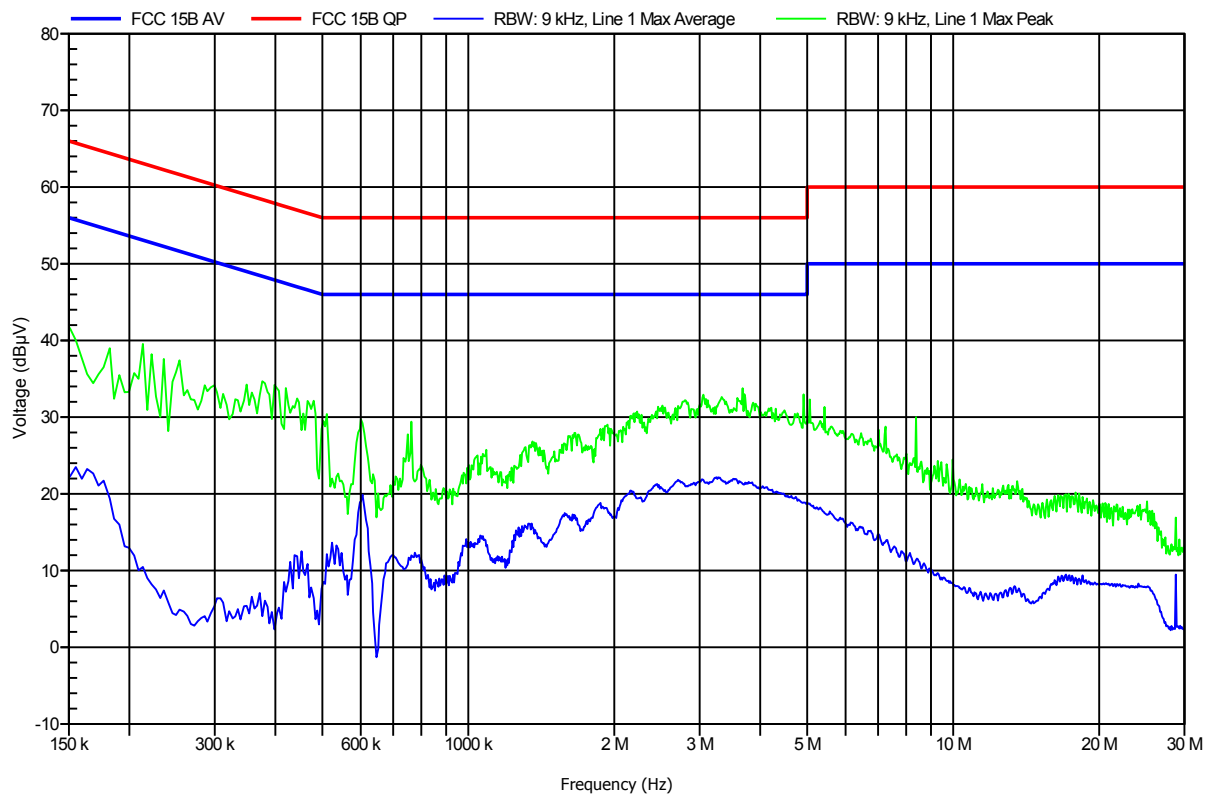
Conducted Emissions

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

Project number: G0M-1202-1765

Manufacturer: Orderman GmbH
 EUT Name: Sol+ MSR
 Model: 09031
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Klein
 Test Conditions: Tnom: 23°C, Unom: 120VAC
 LISN: ESH2-Z5 L
 Mode: charging
 Test Date: 2012-03-02
 Note:

Index 2

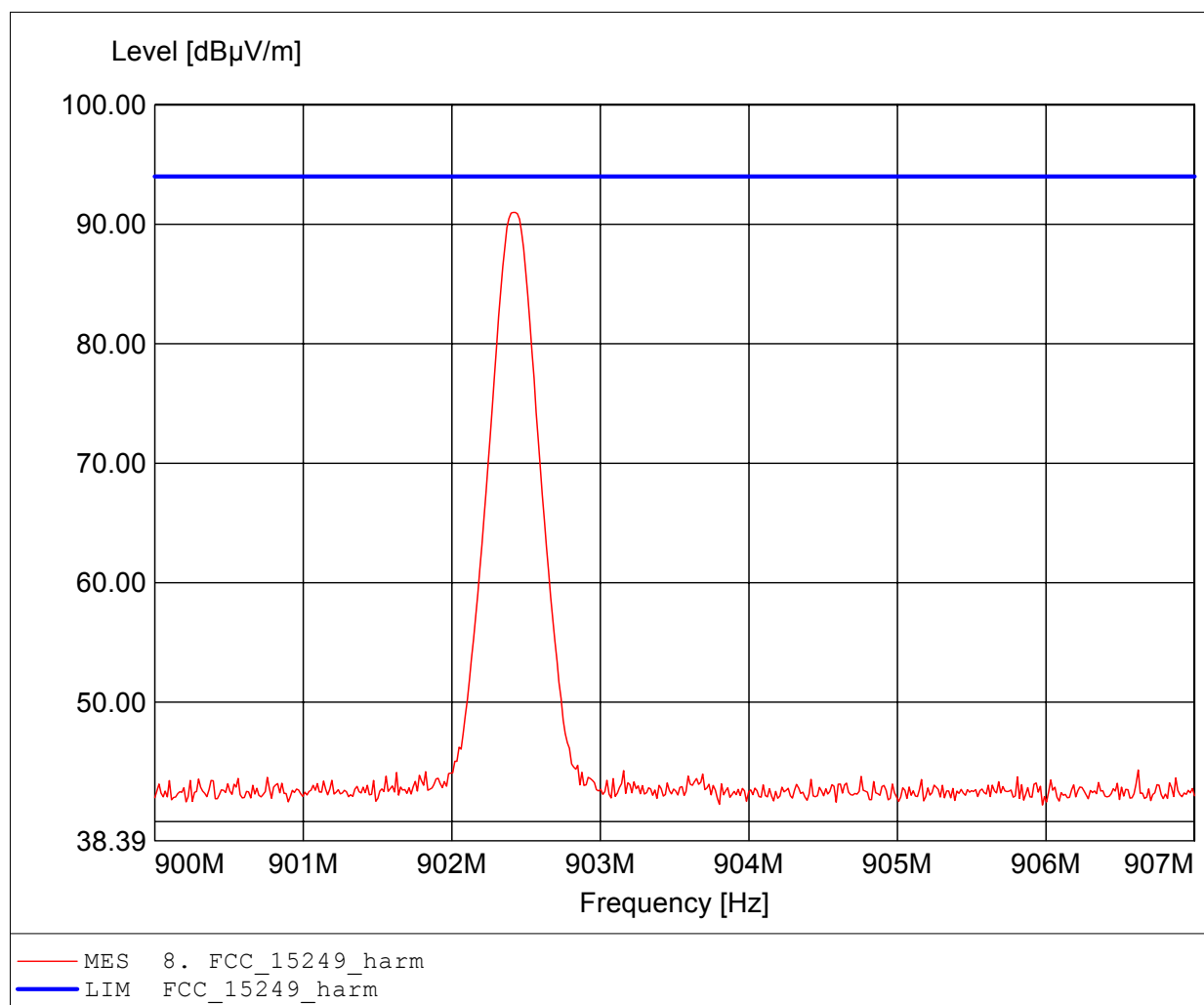


ANNEX A Fundamental field strength emissions

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

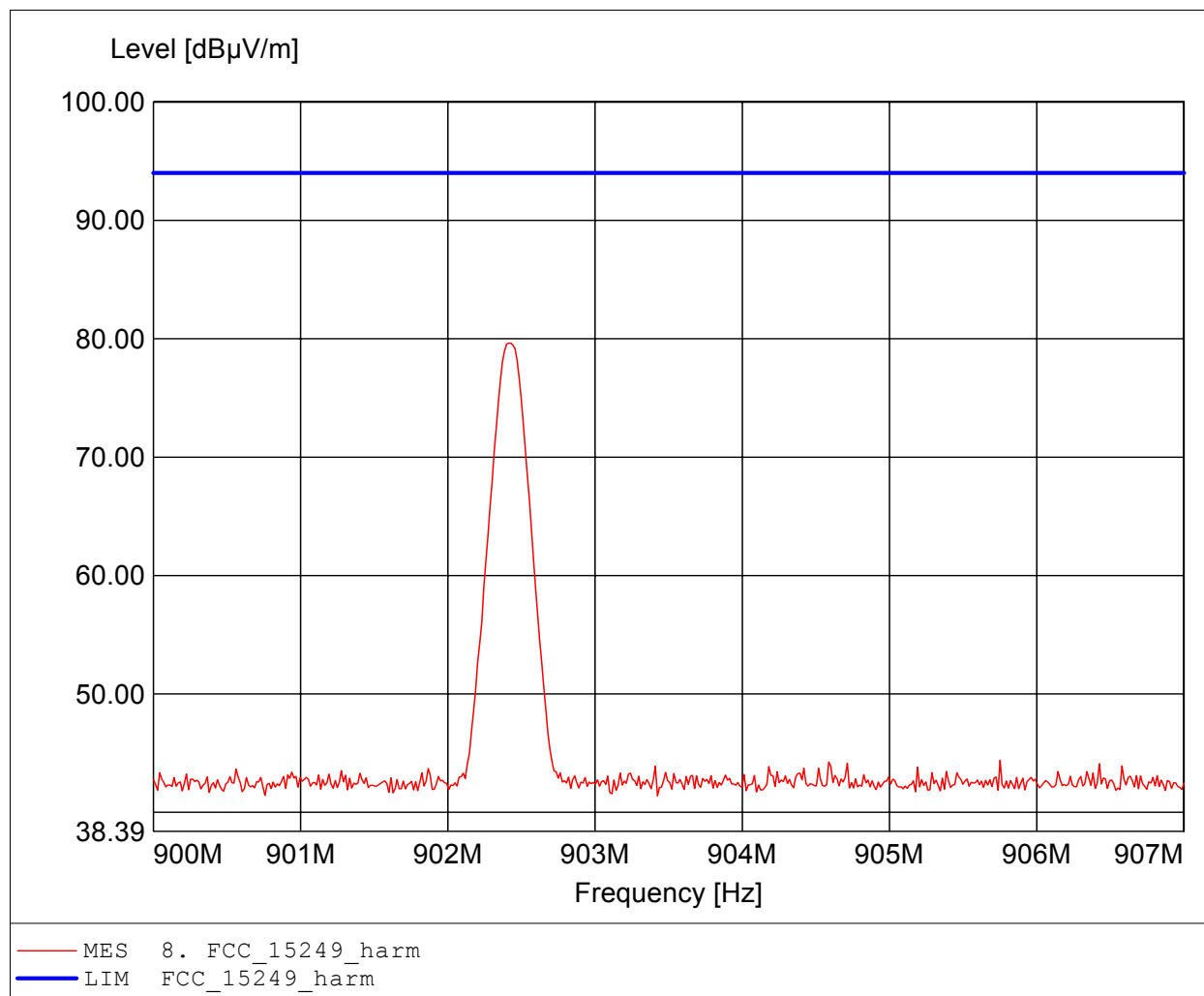
Applicant: Ordermann GmbH / G0M-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 902.427MHz, Emax: 91.00dBµV/m, RBW: 1MHz



Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

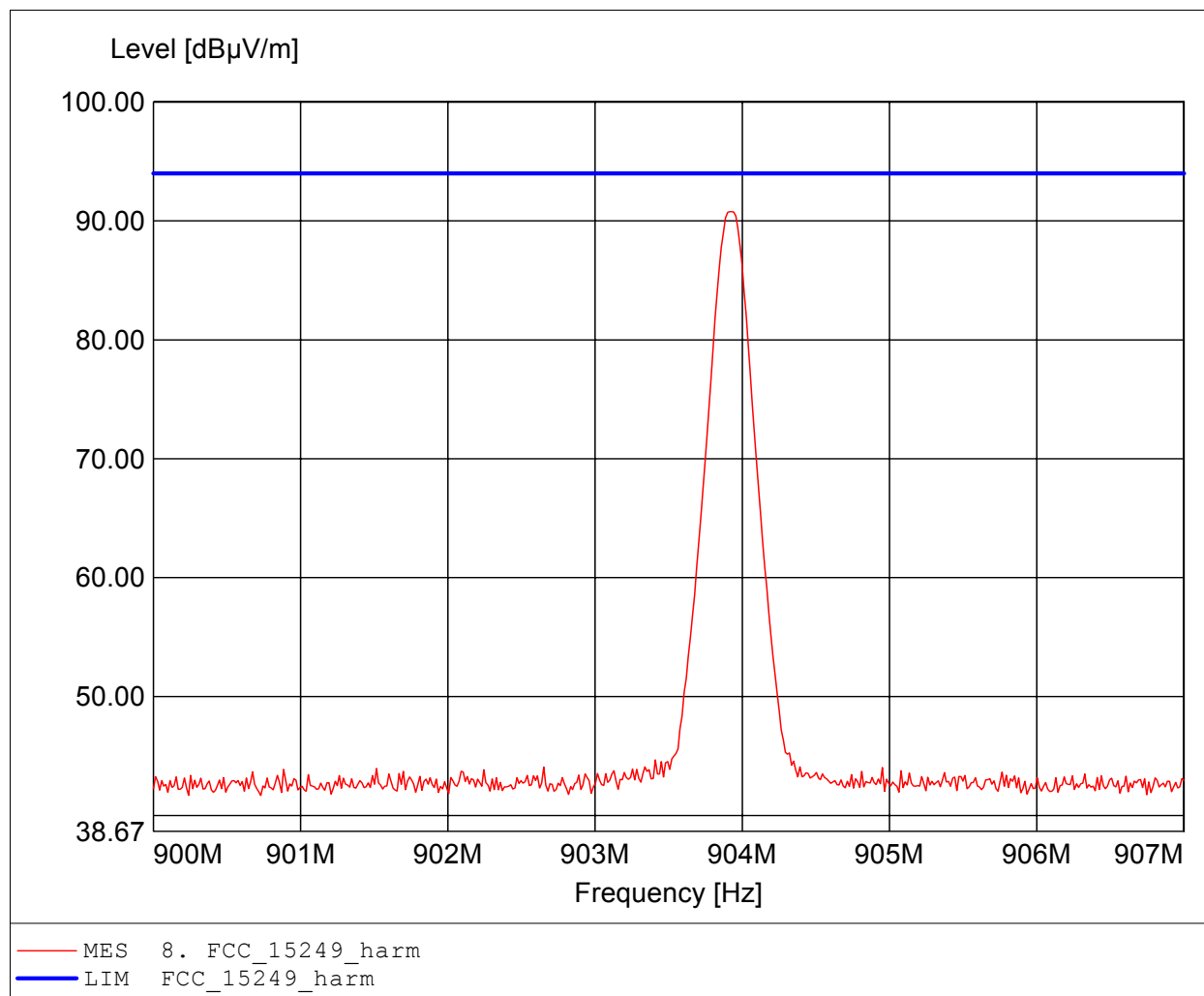
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 902.427MHz, Emax: 79.63dBµV/m, RBW: 1MHz



Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

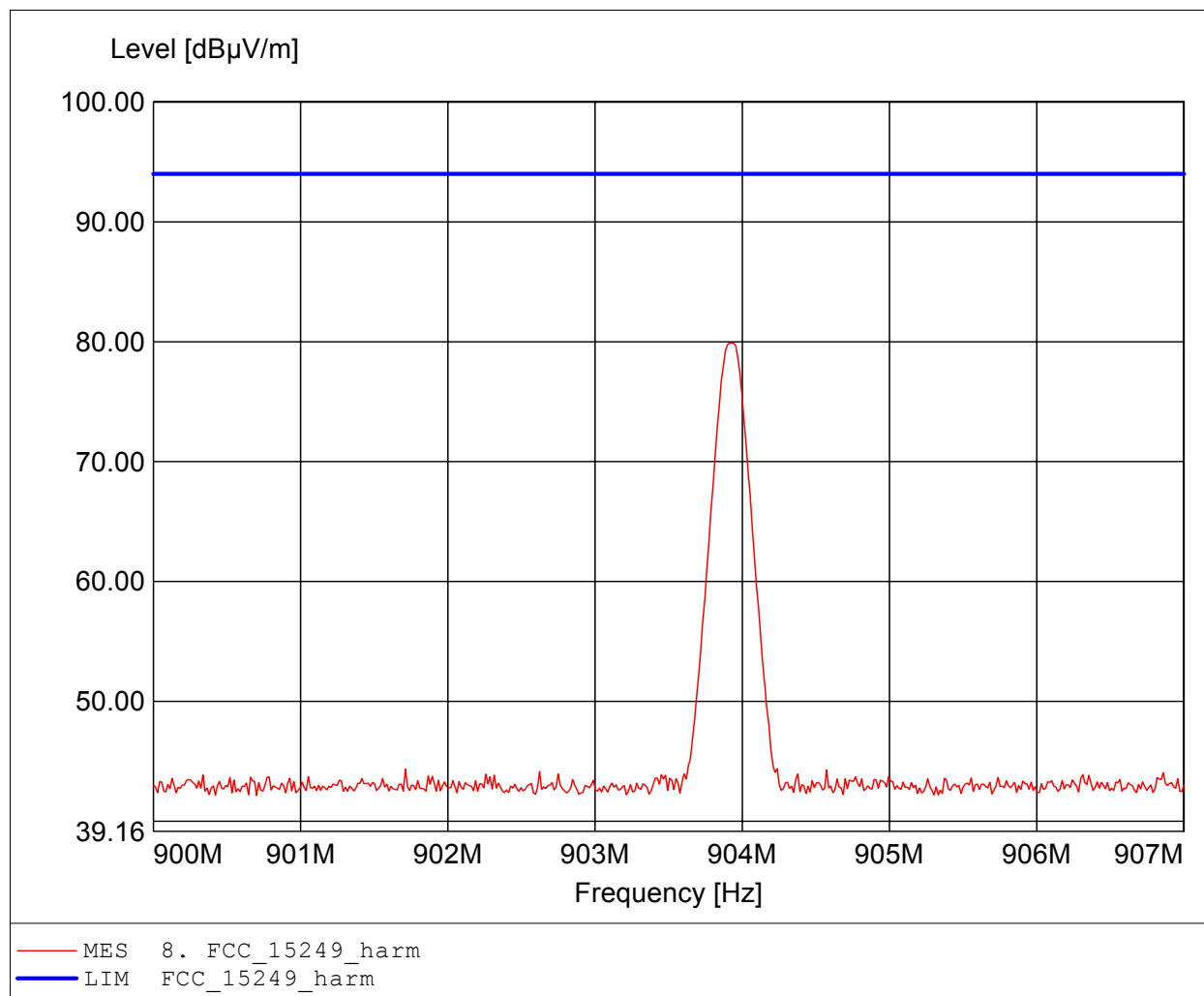
Applicant: Ordermann GmbH / G0M-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 903.928MHz, Emax: 90.78dBµV/m, RBW: 1MHz



Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

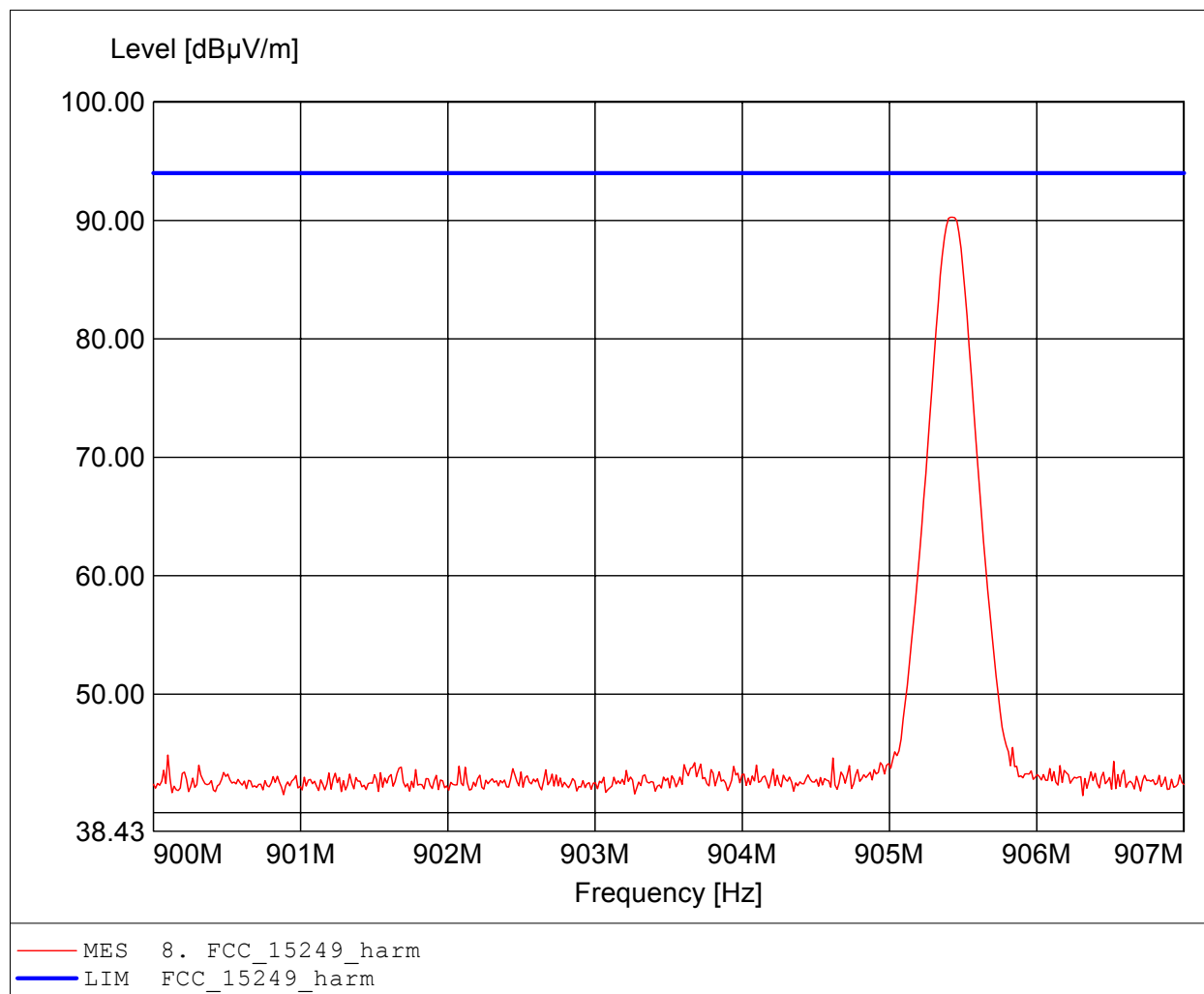
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 903.914MHz, Emax: 79.90dBµV/m, RBW: 1MHz



Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

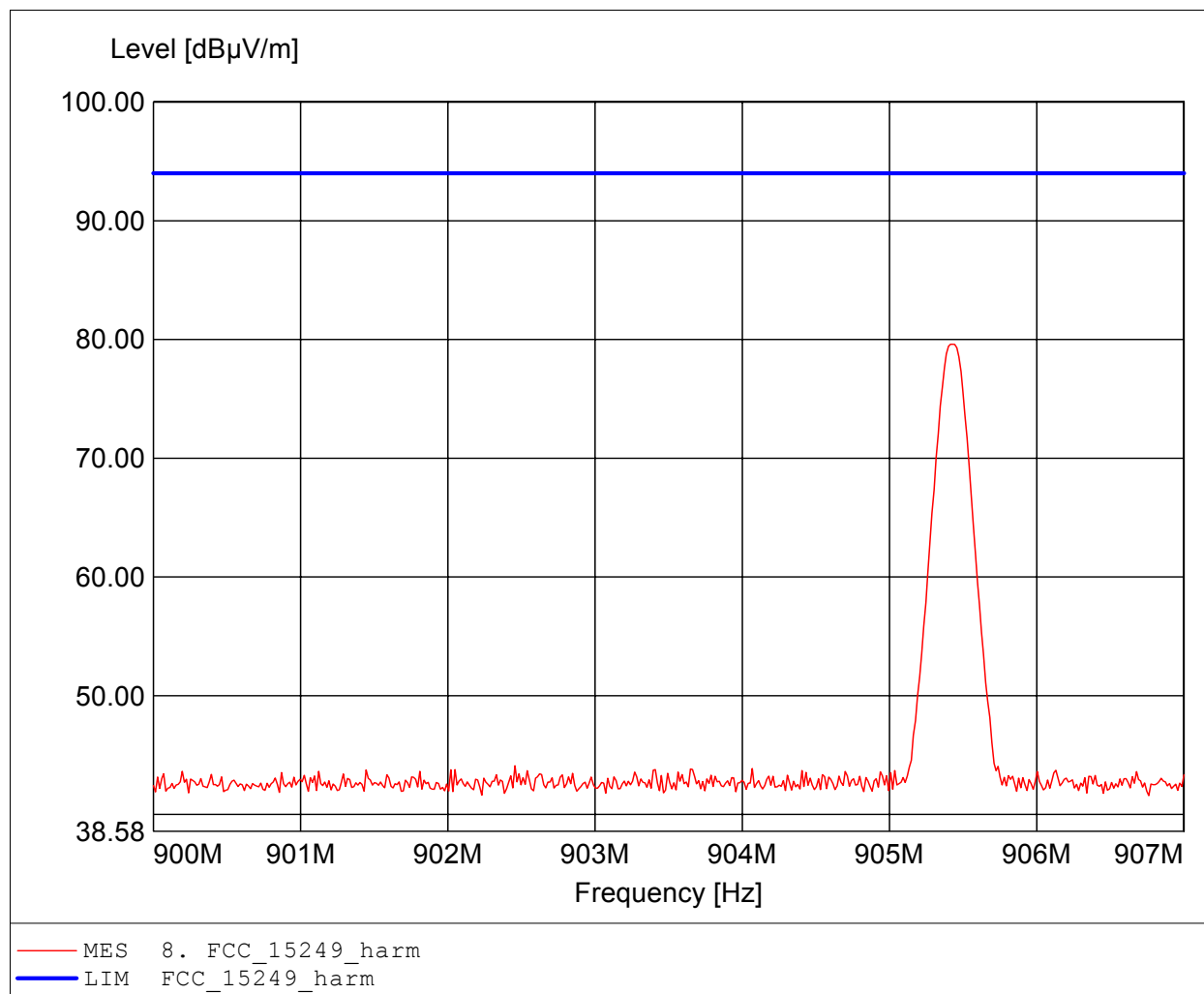
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 905.415MHz, Emax: 90.26dBµV/m, RBW: 1MHz



Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 905.415MHz, Emax: 79.61dBµV/m, RBW: 1MHz

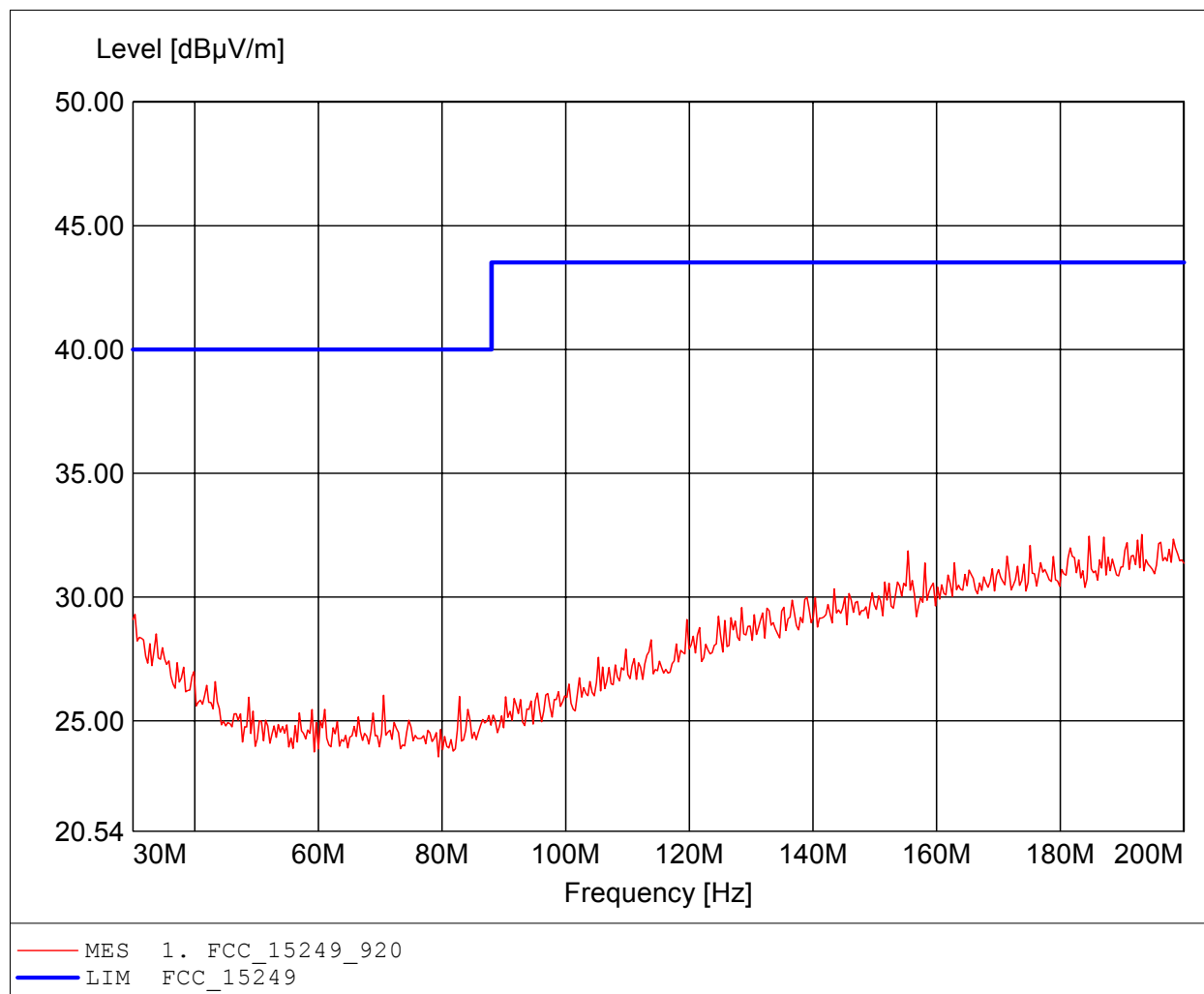


ANNEX B Transmitter radiated spurious emissions

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

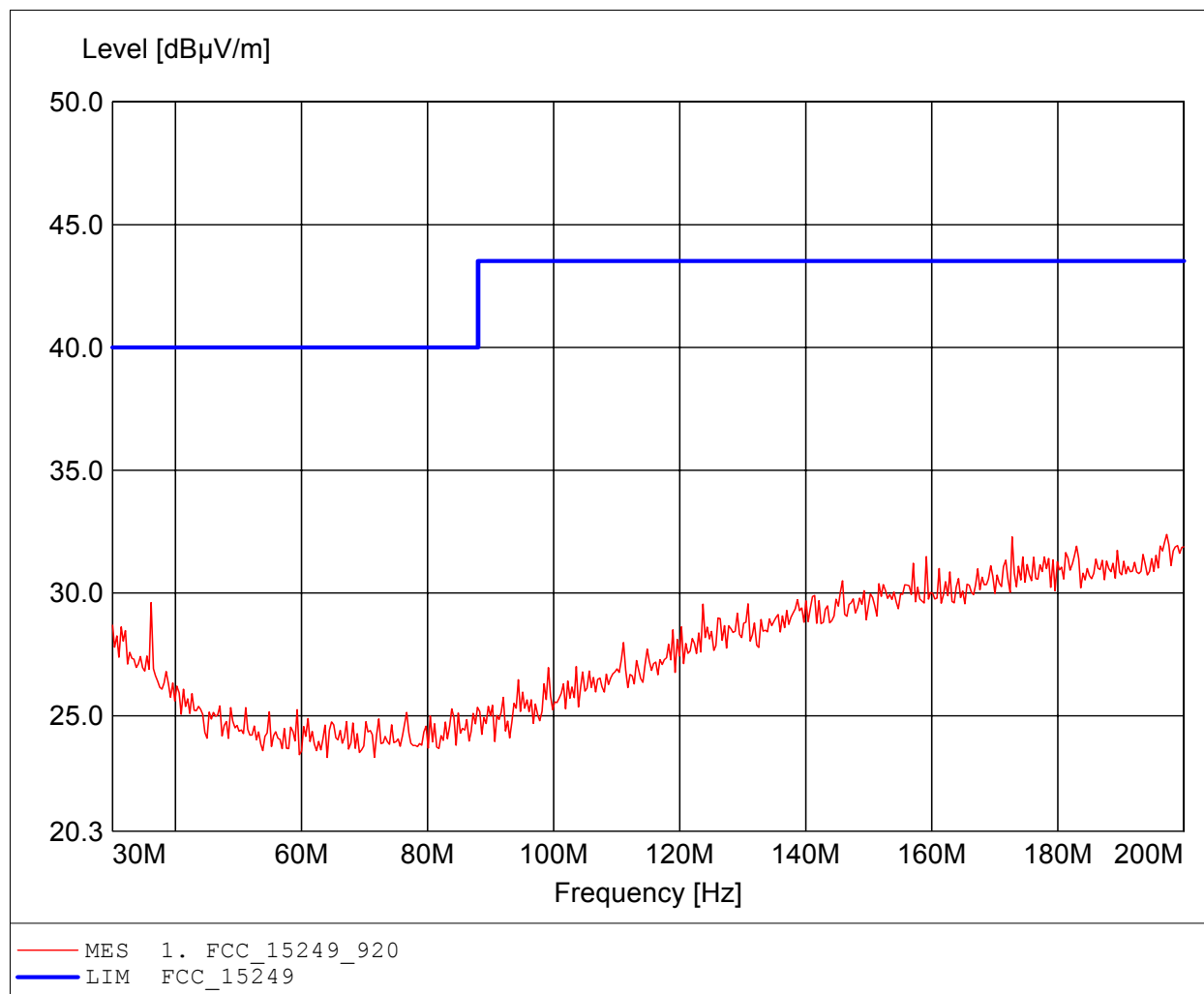
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 193.186MHz, Emax: 32.53dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

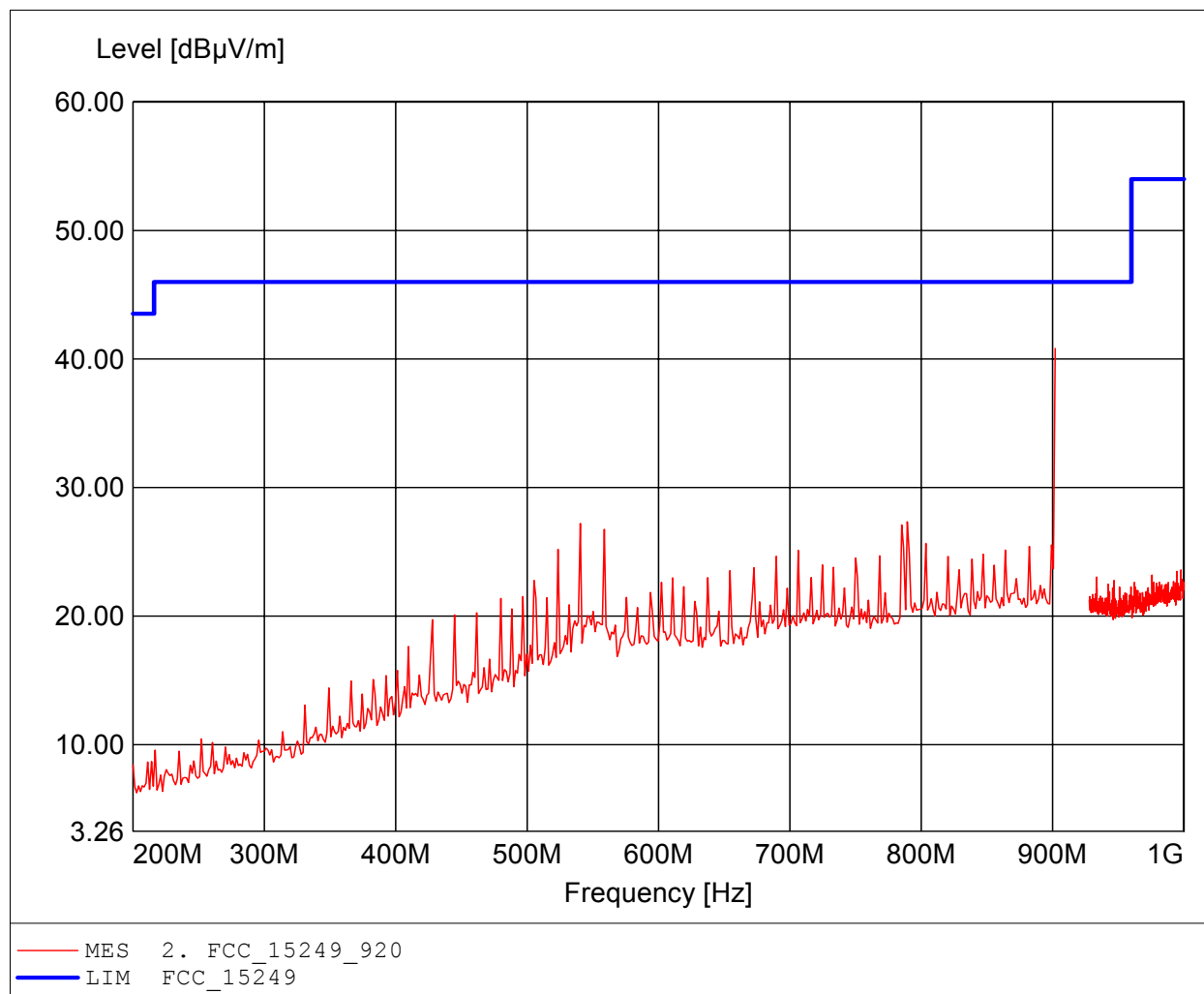
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.275MHz, Emax: 32.39dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

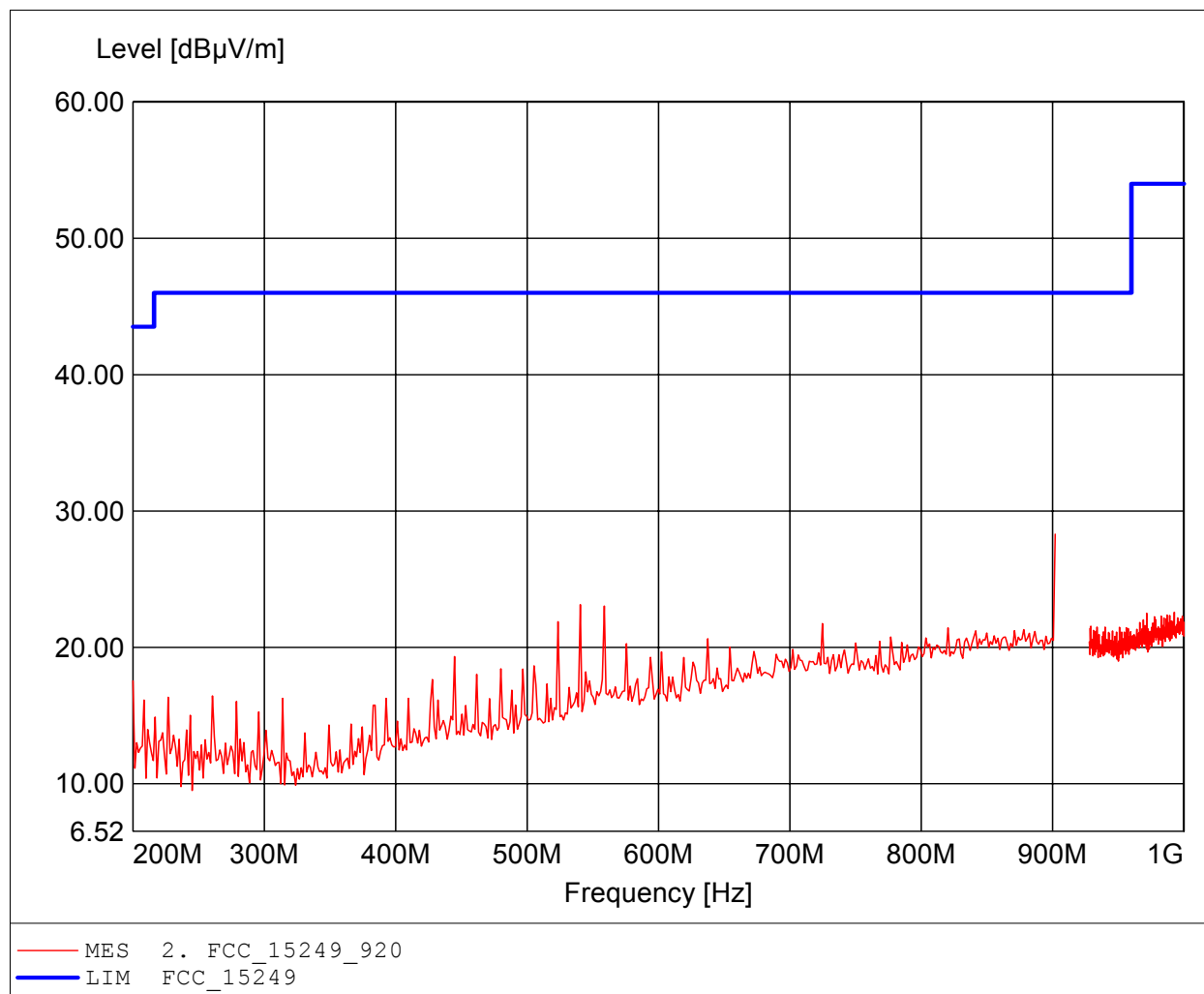
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 902.000MHz, Emax: 40.82dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

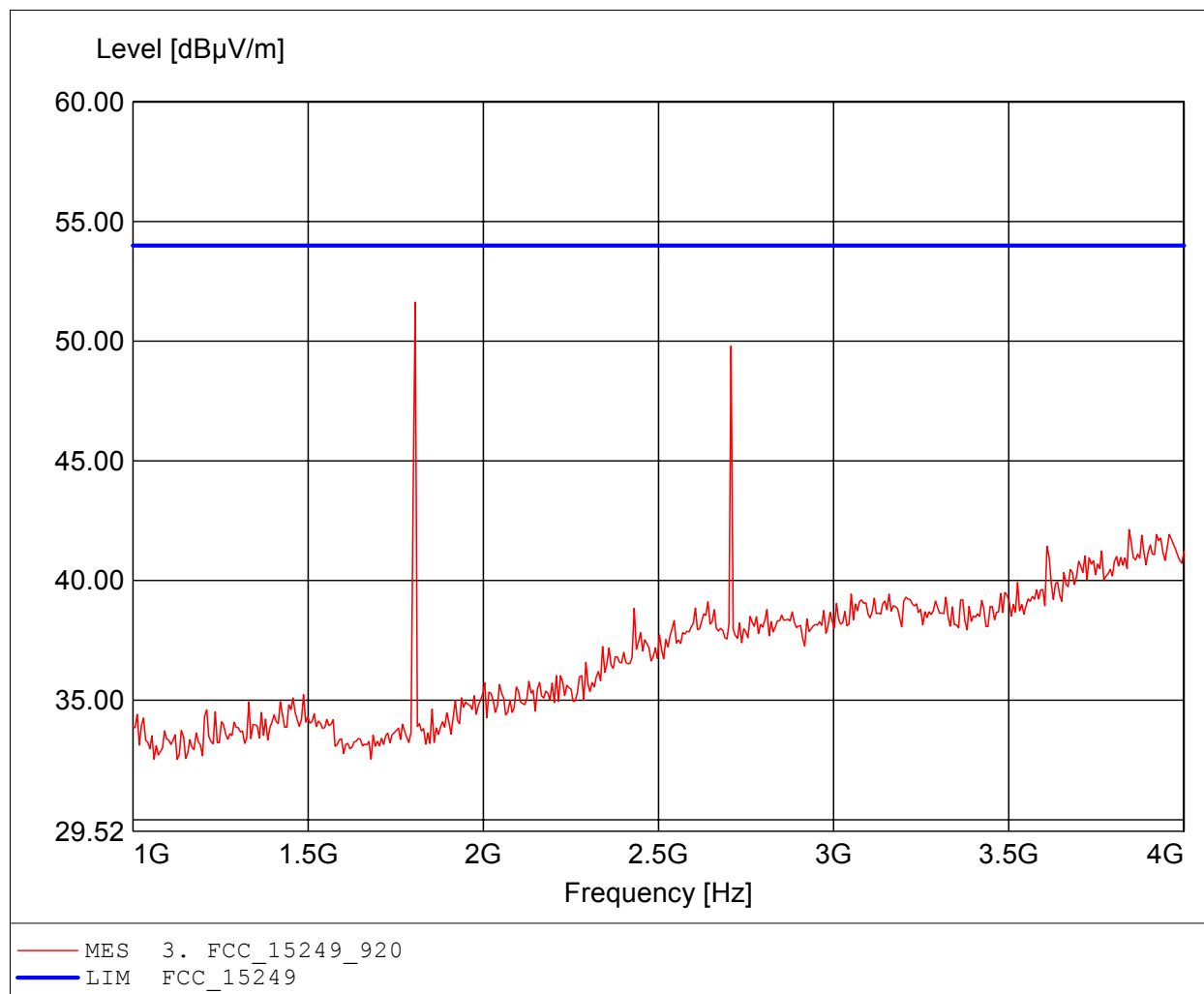
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 902.000MHz, Emax: 28.31dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

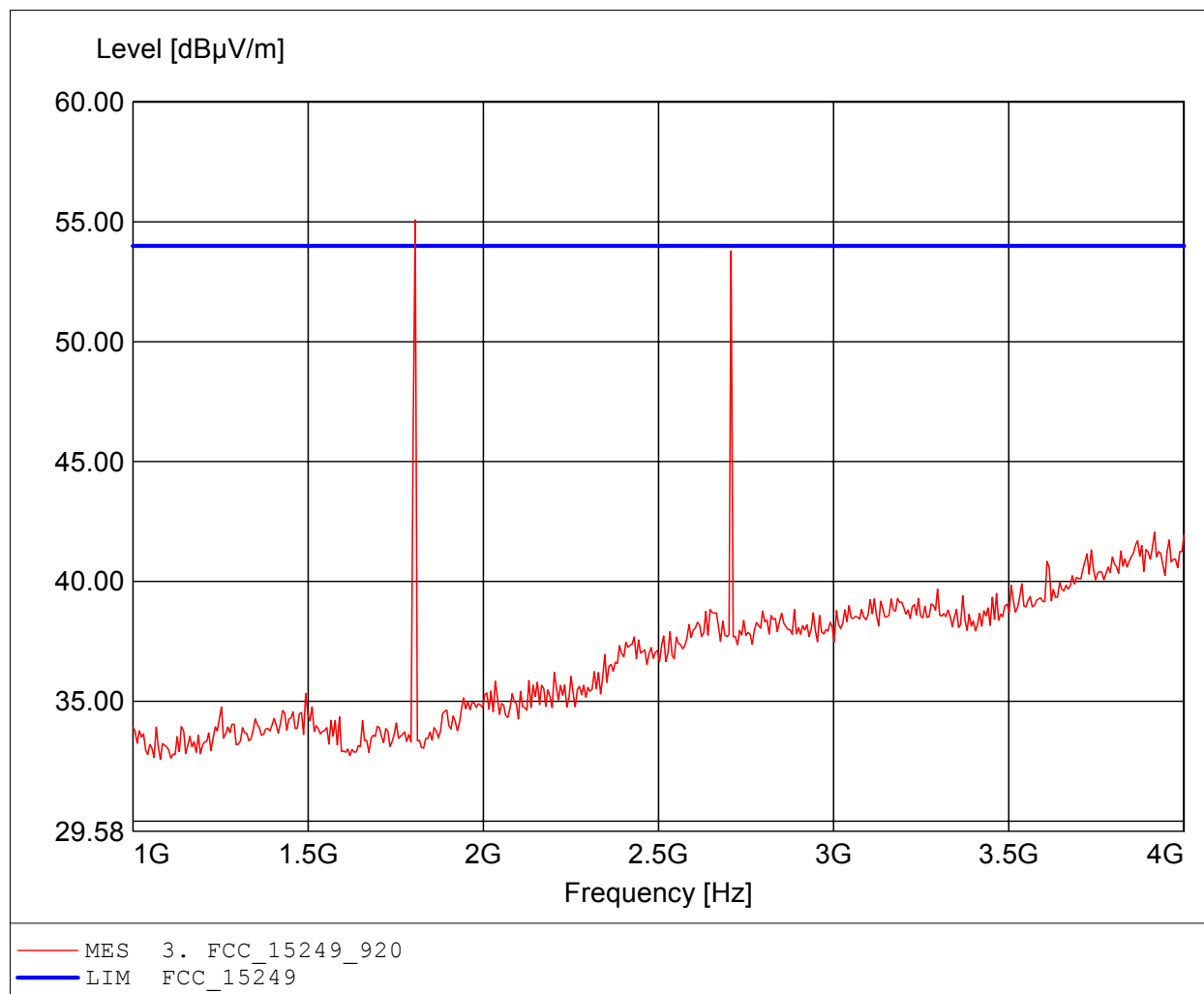
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.806GHz, Emax: 51.63dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

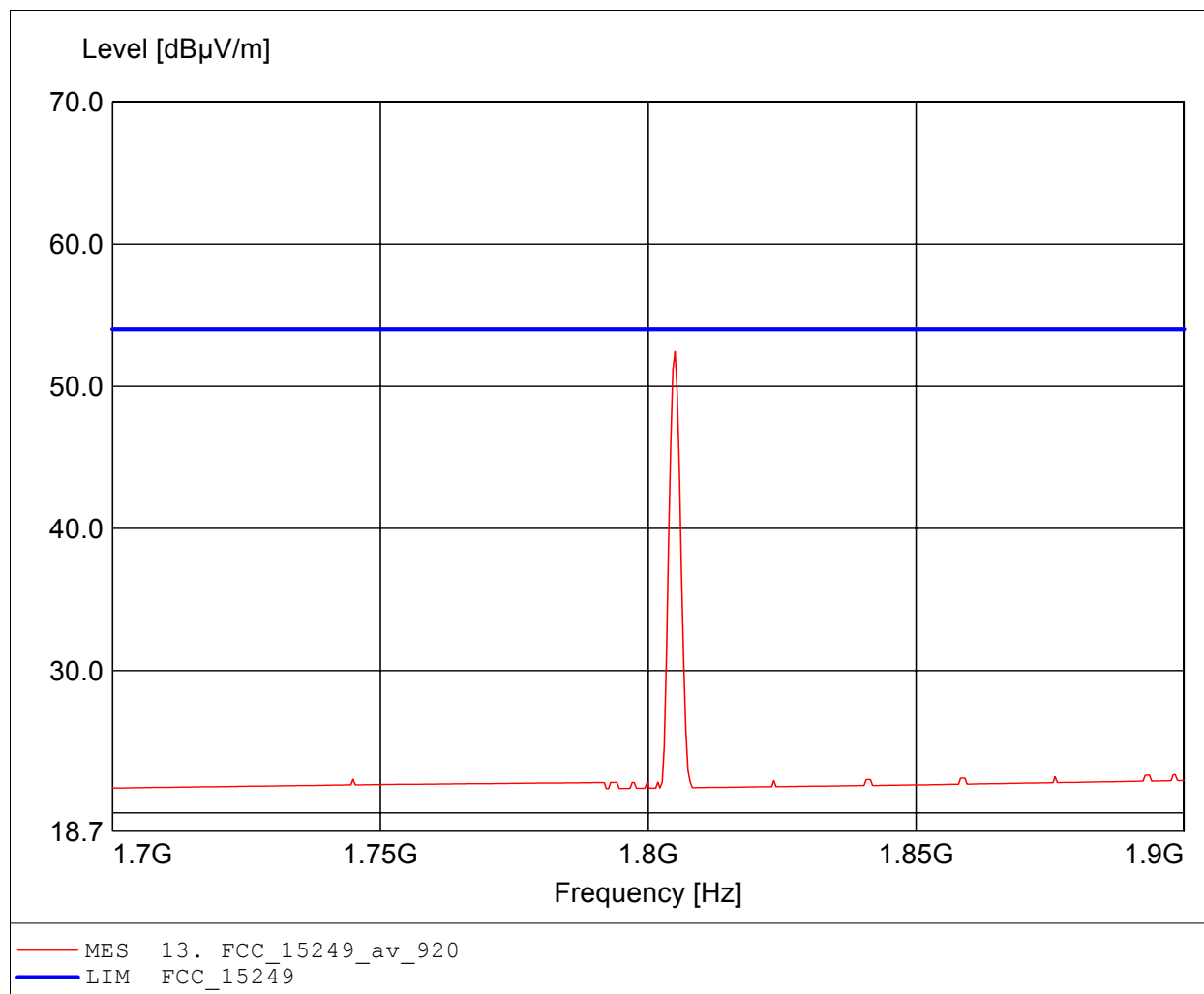
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.806GHz, Emax: 55.08dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

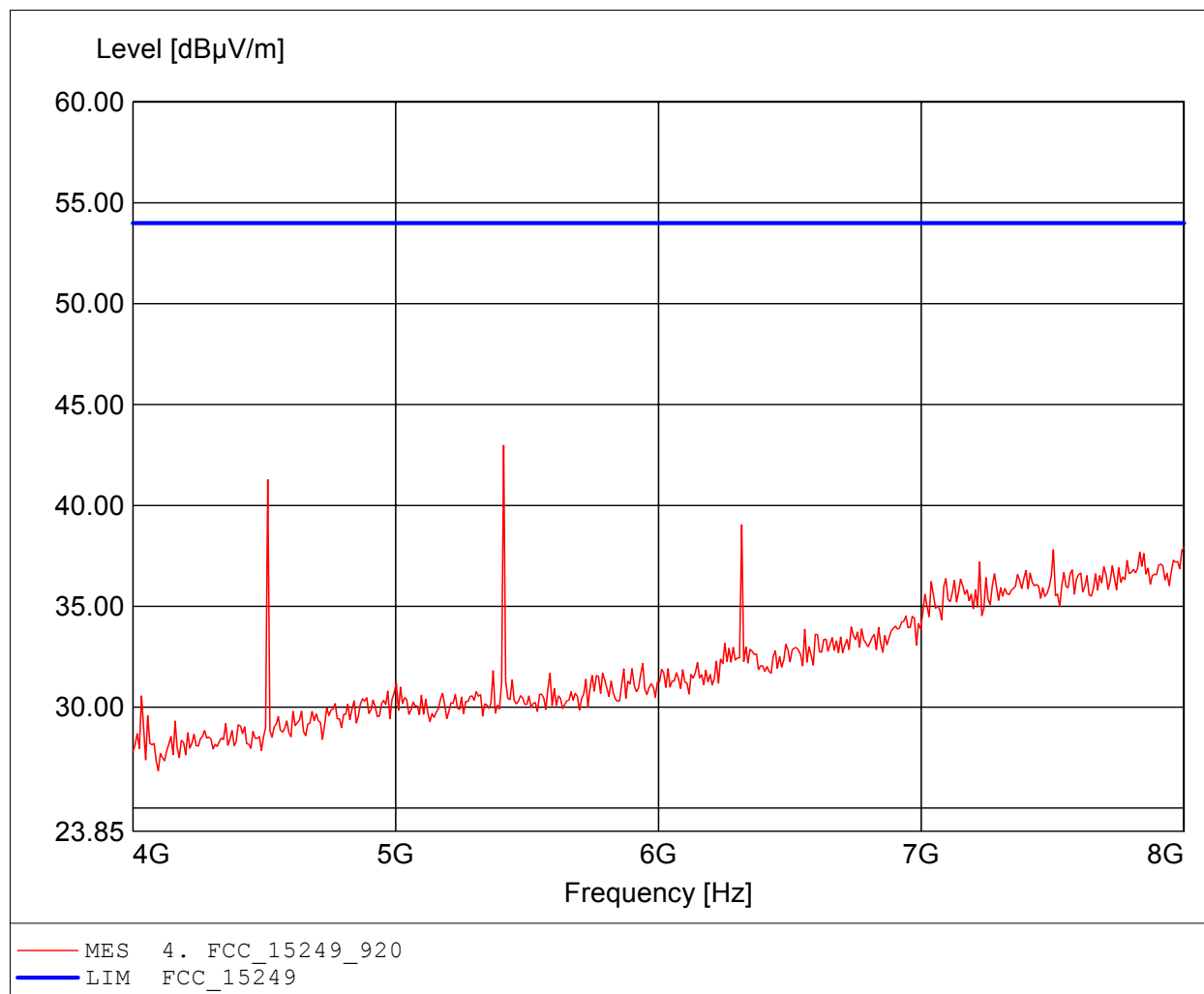
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.805GHz, Emax: 52.43dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

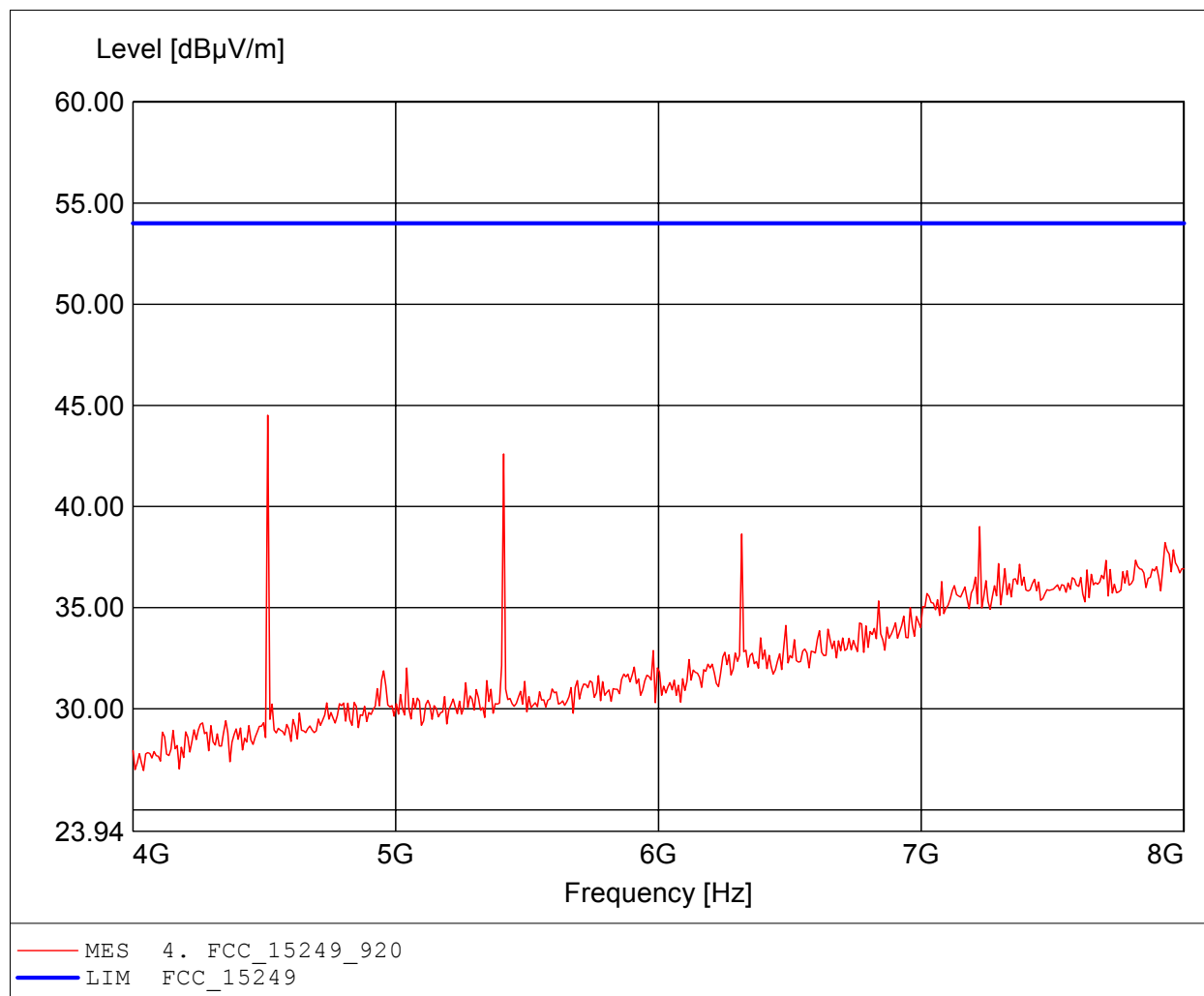
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.411GHz, Emax: 42.97dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

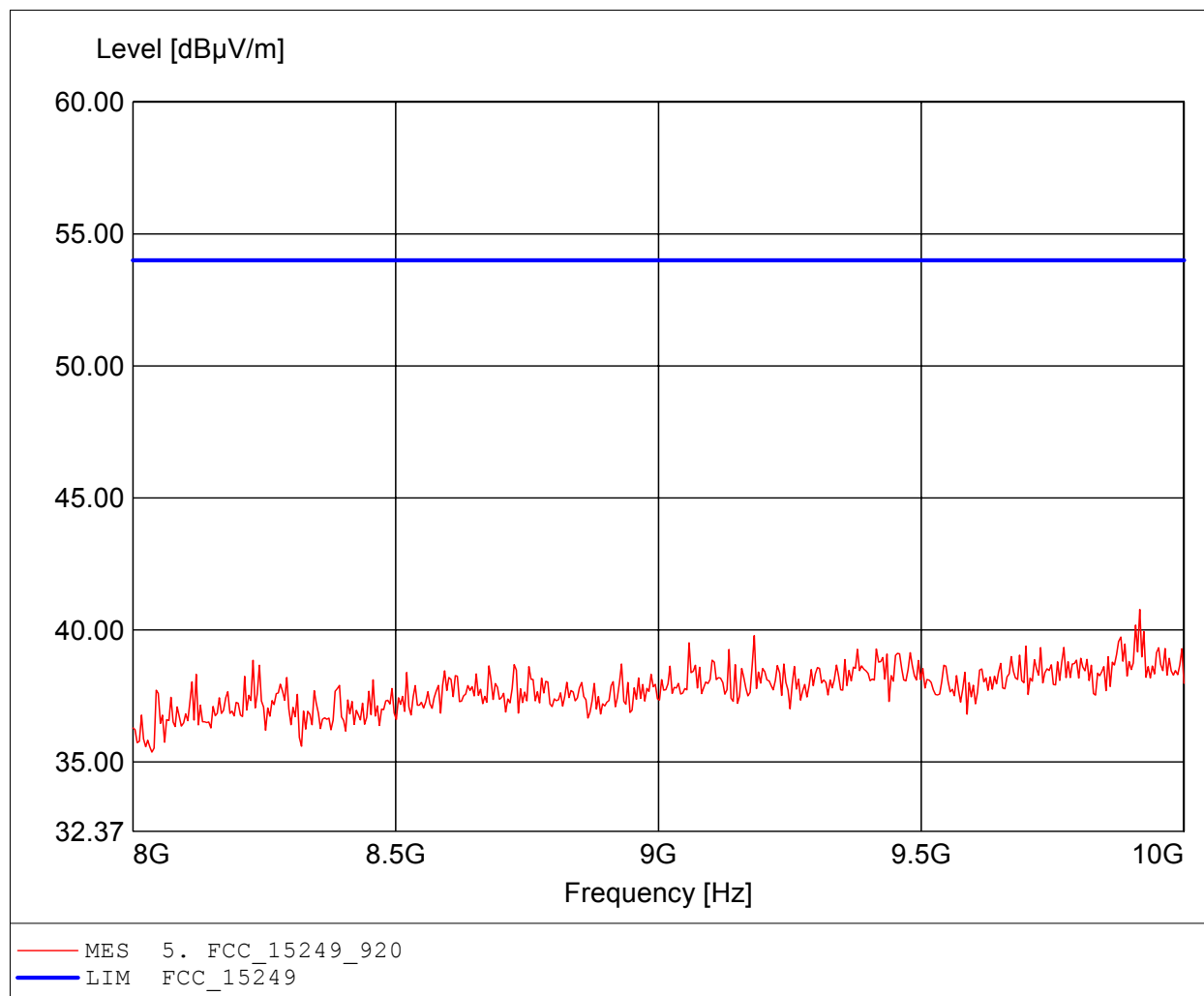
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.513GHz, Emax: 44.51dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

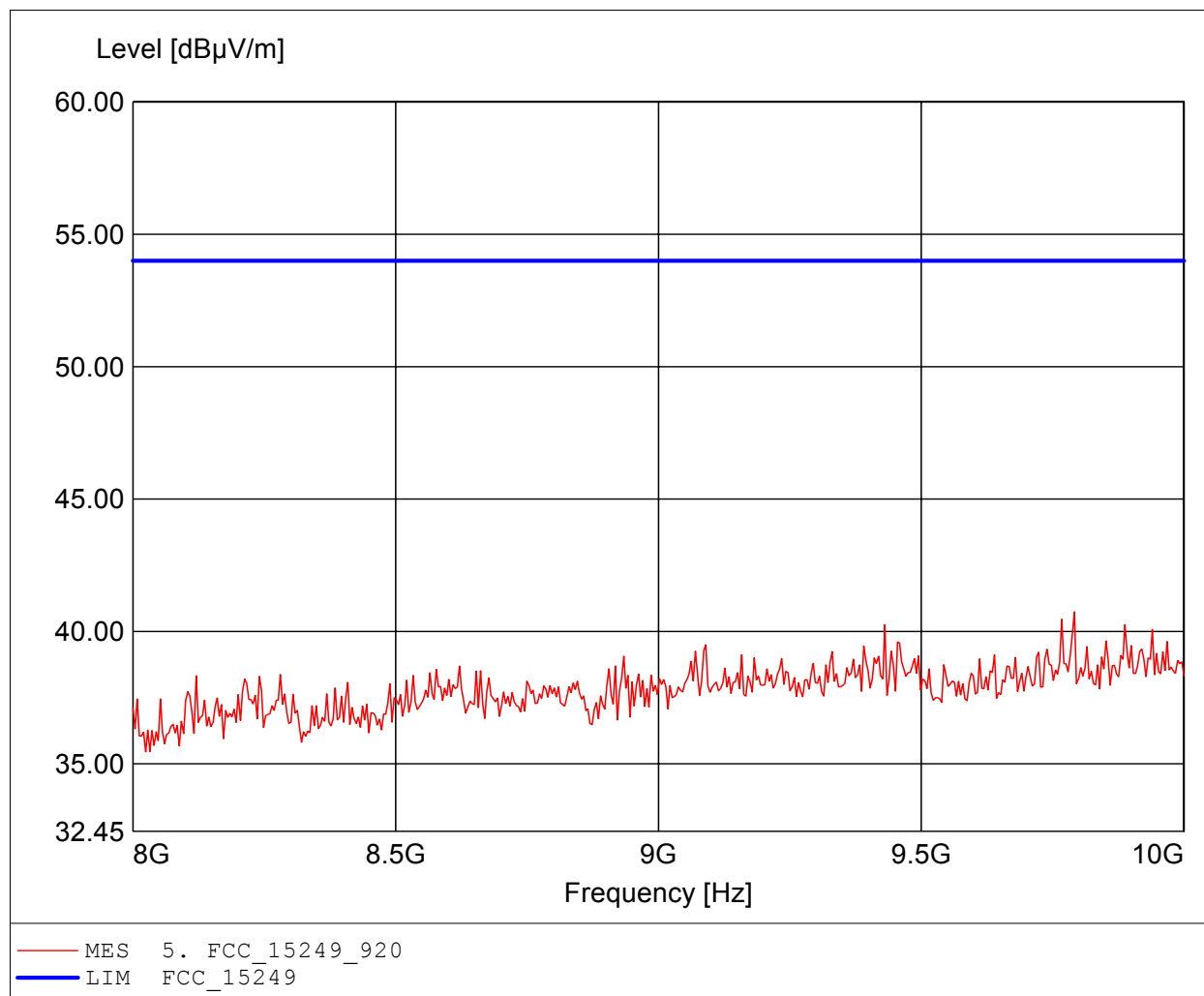
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.916GHz, Emax: 40.78dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

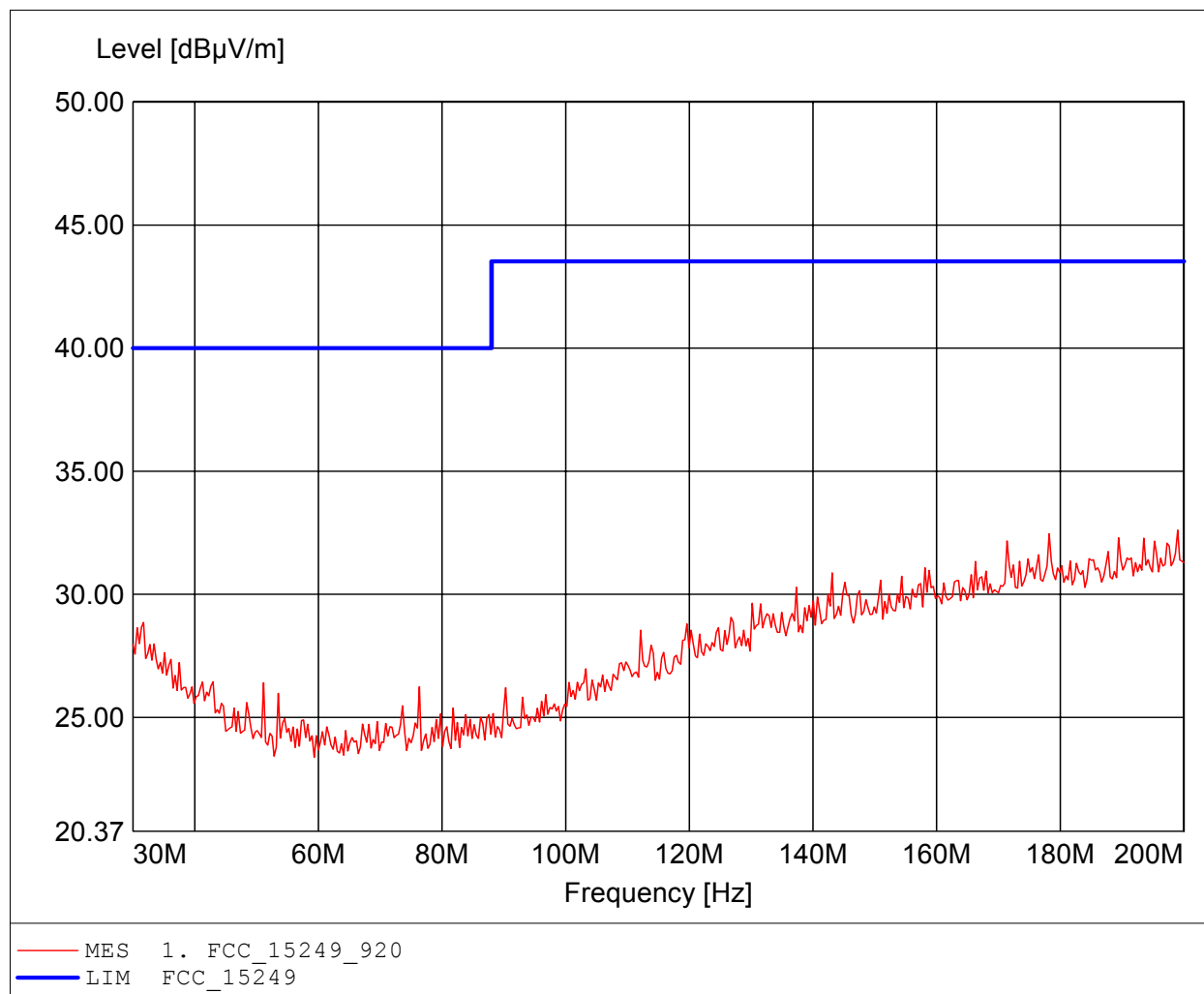
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.792GHz, Emax: 40.74dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

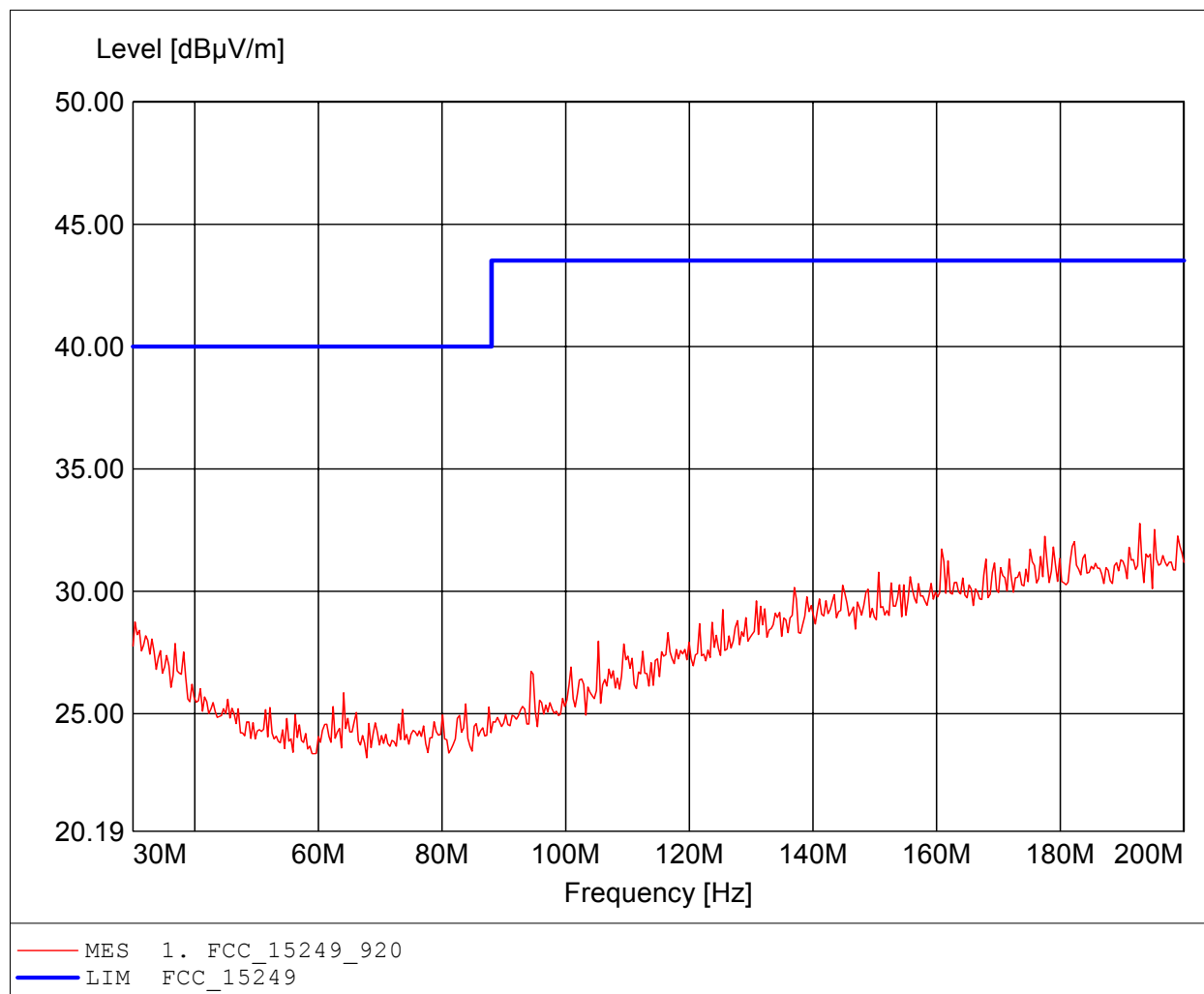
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.978MHz, Emax: 32.61dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

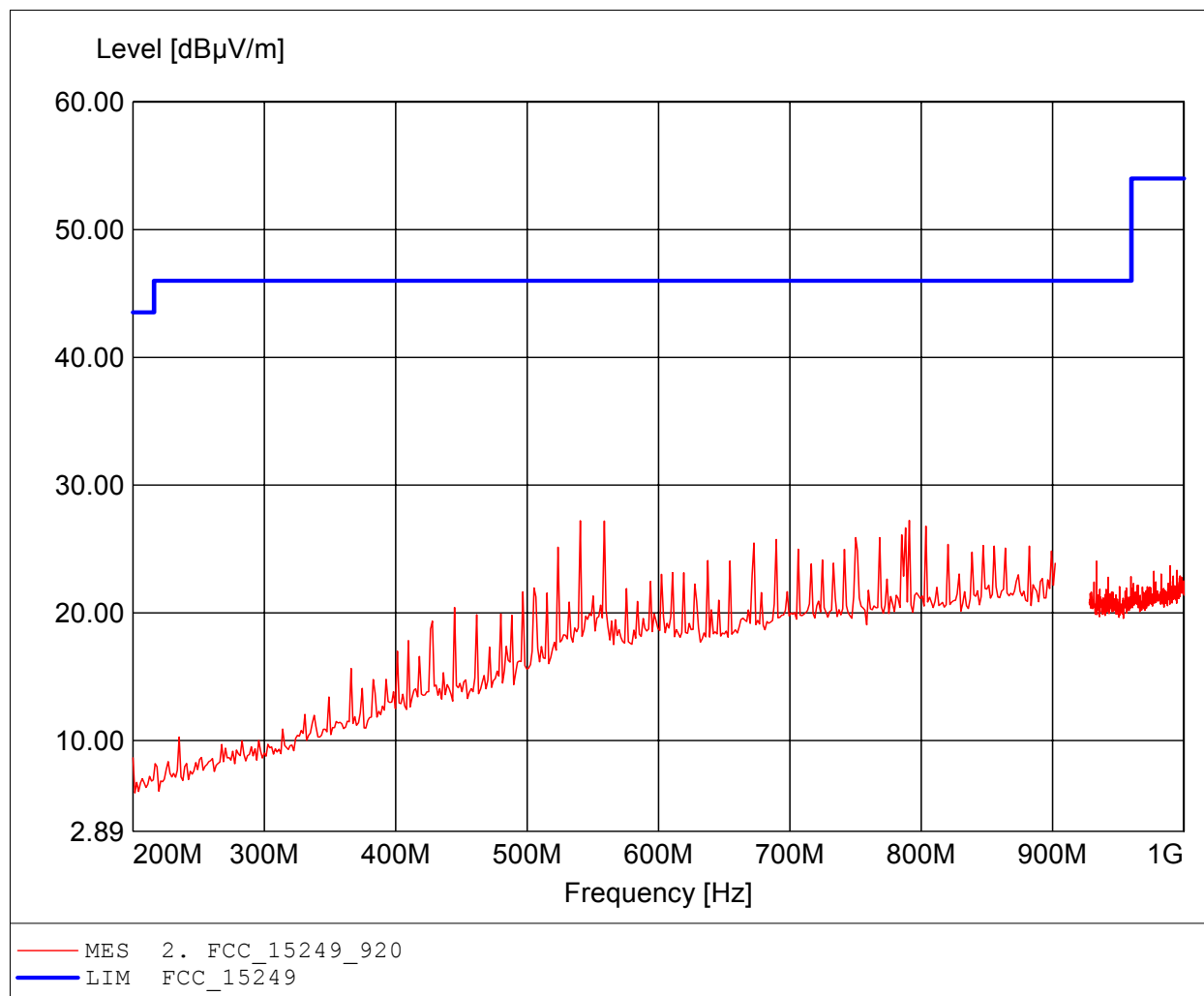
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.846MHz, Emax: 32.77dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

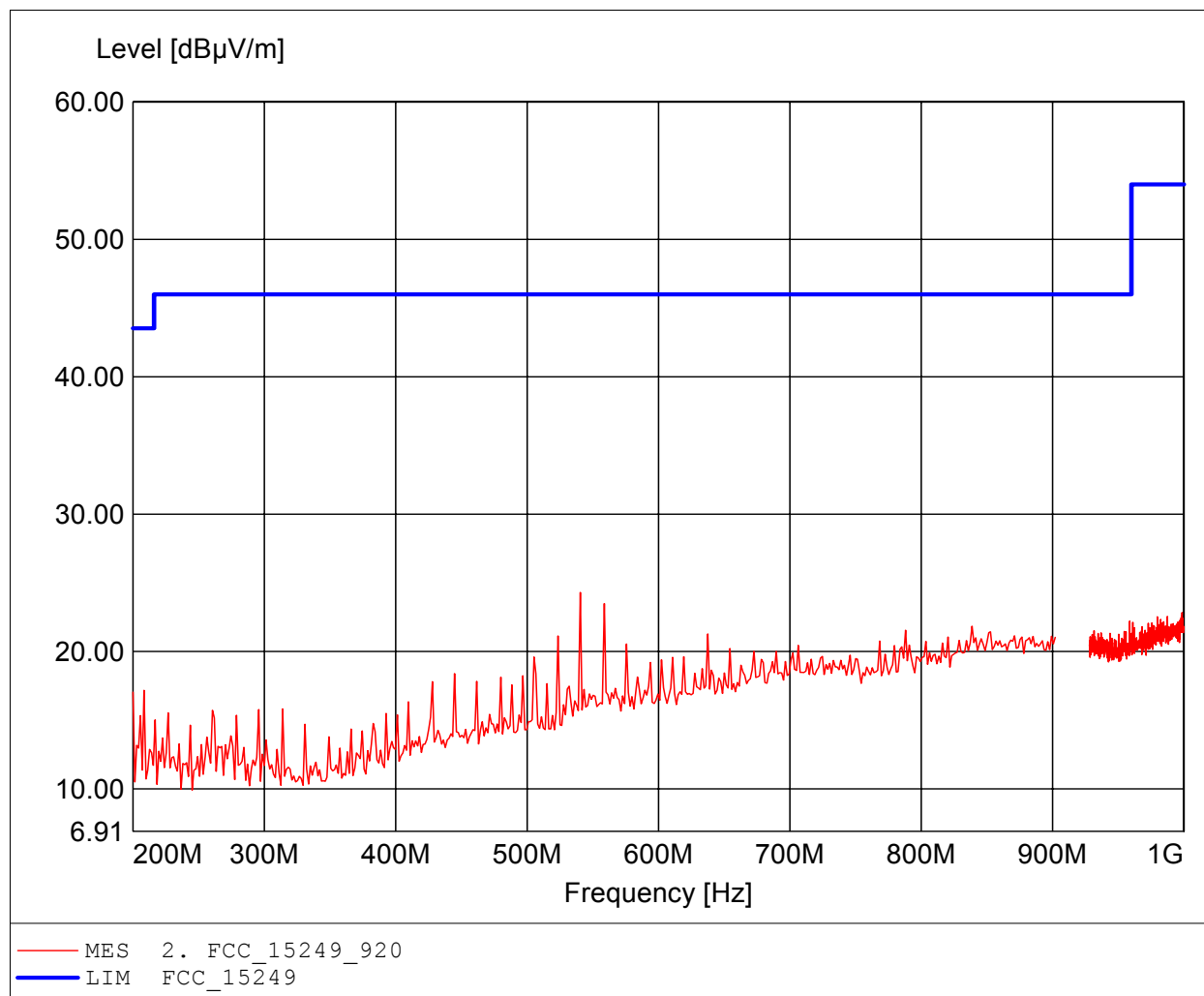
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 790.862MHz, Emax: 27.24dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

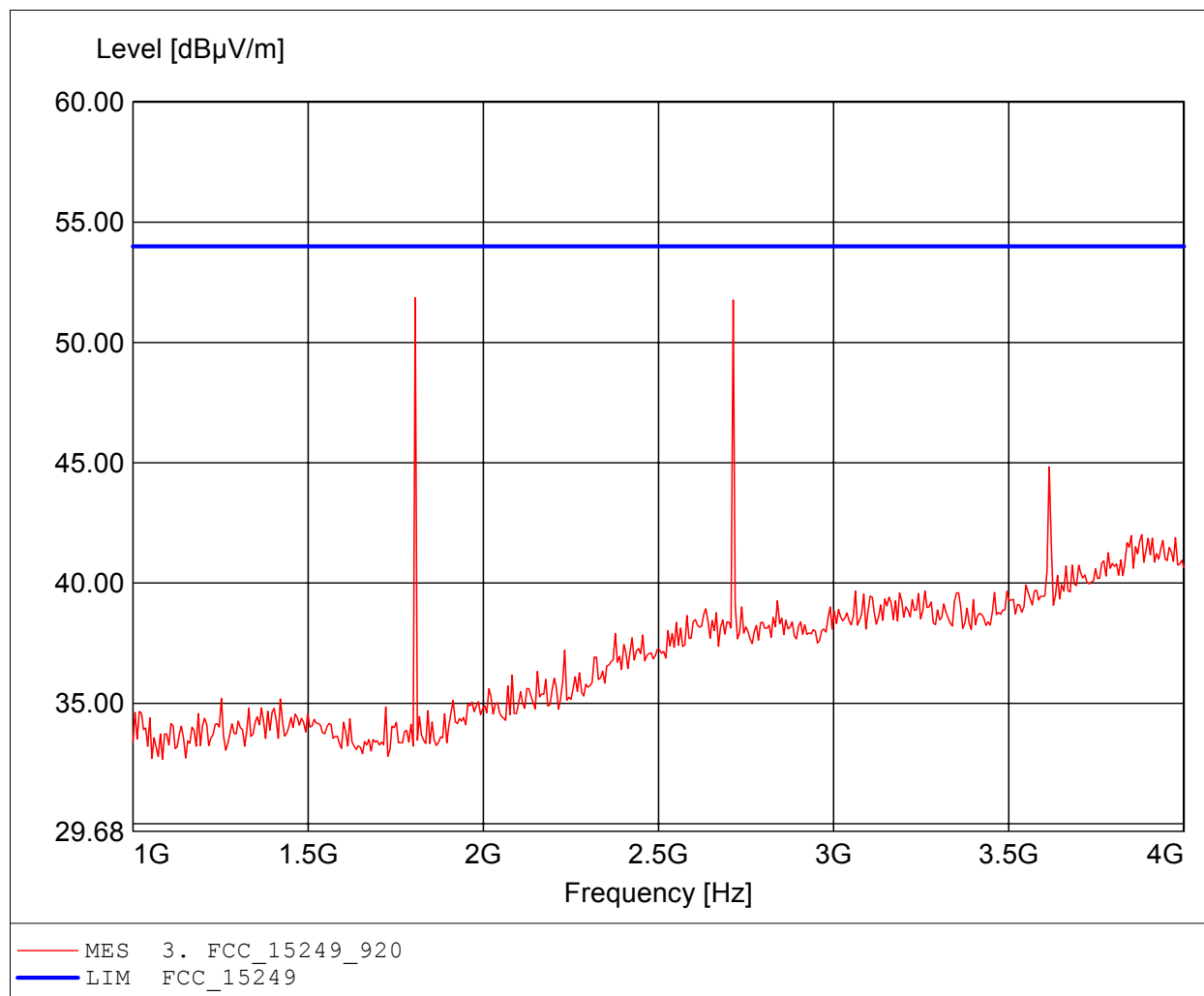
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 540.449MHz, Emax: 24.30dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

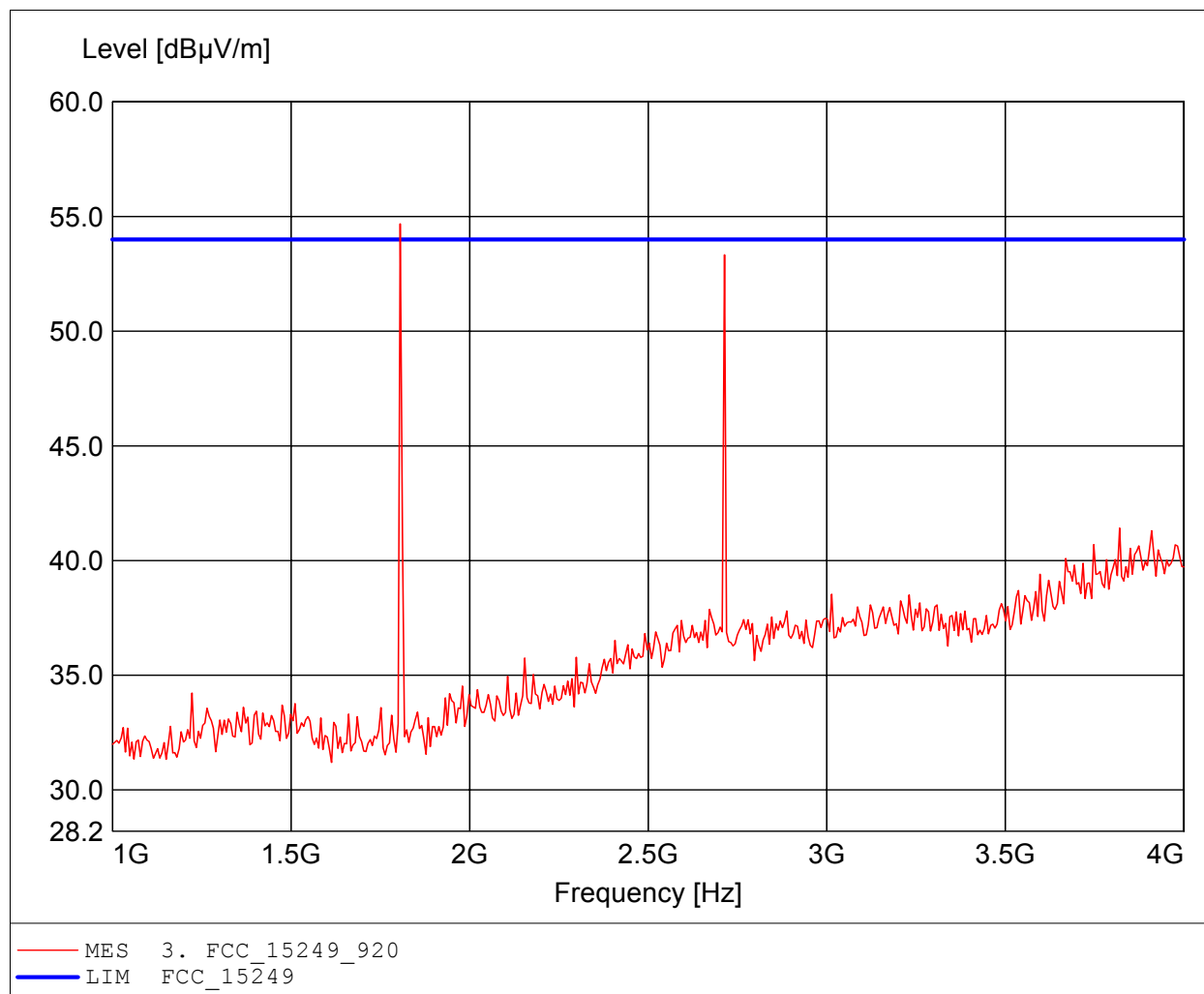
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.806GHz, Emax: 51.86dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

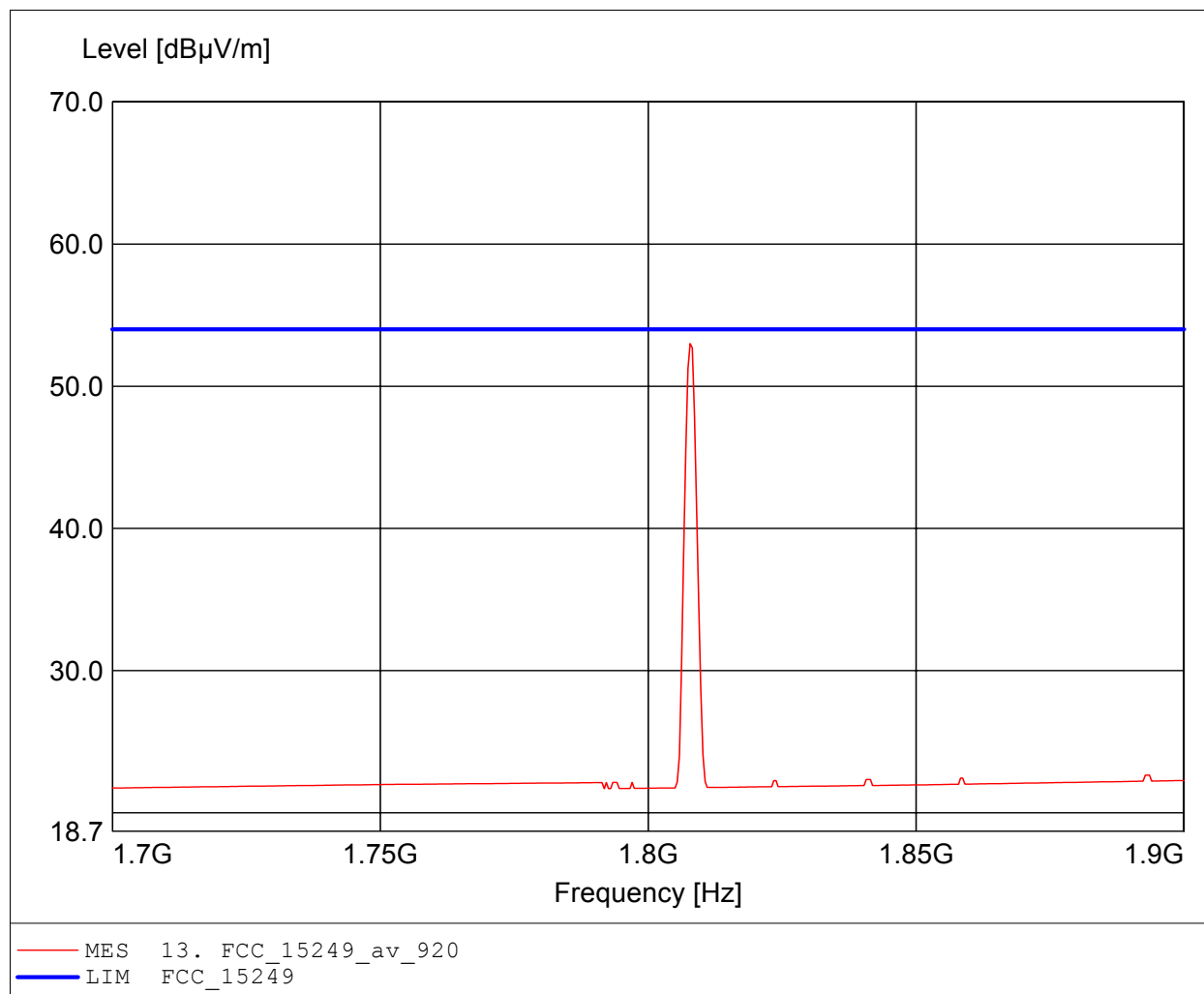
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.806GHz, Emax: 54.69dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

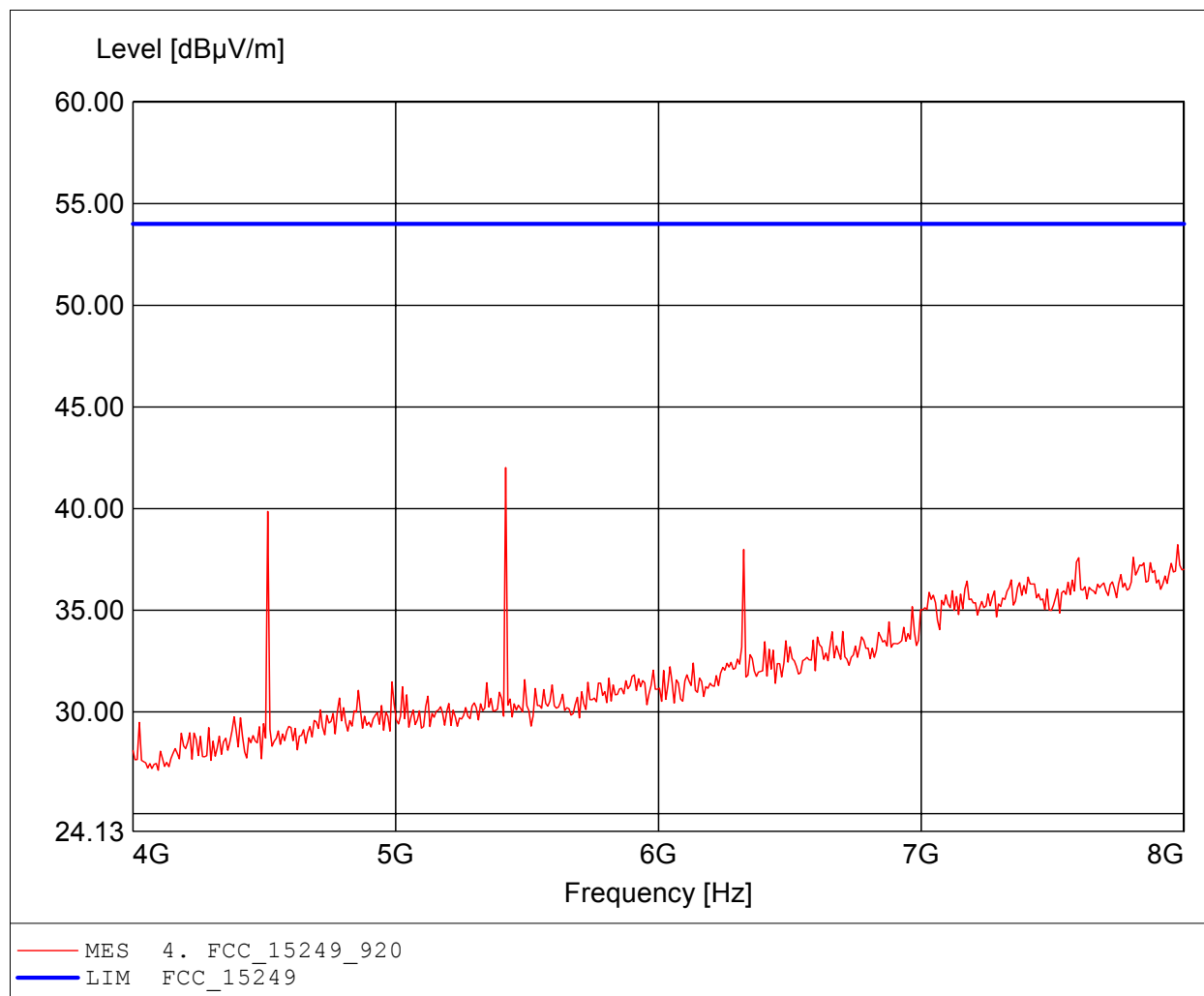
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.808GHz, Emax: 53.00dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

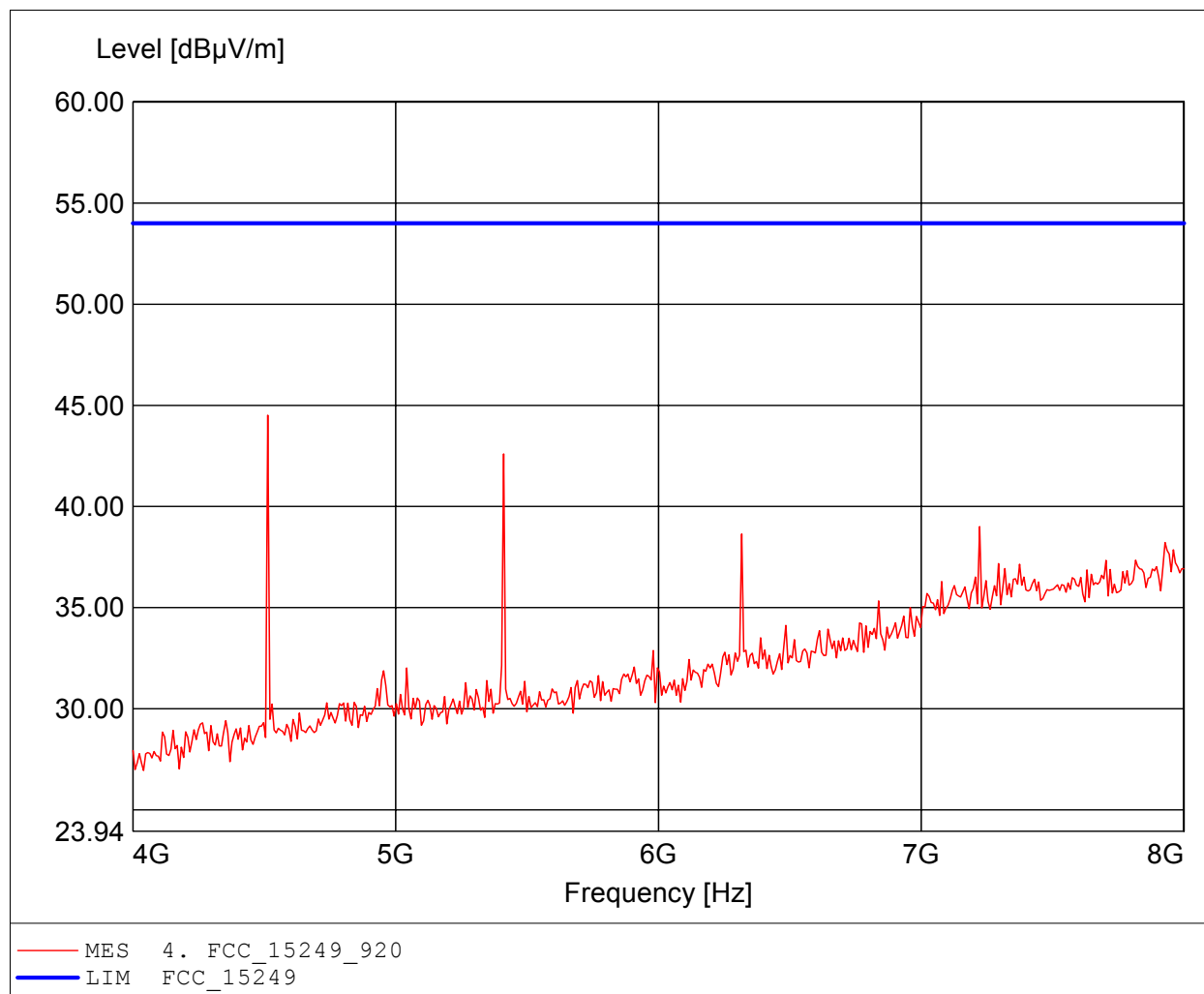
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.419GHz, Emax: 42.02dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

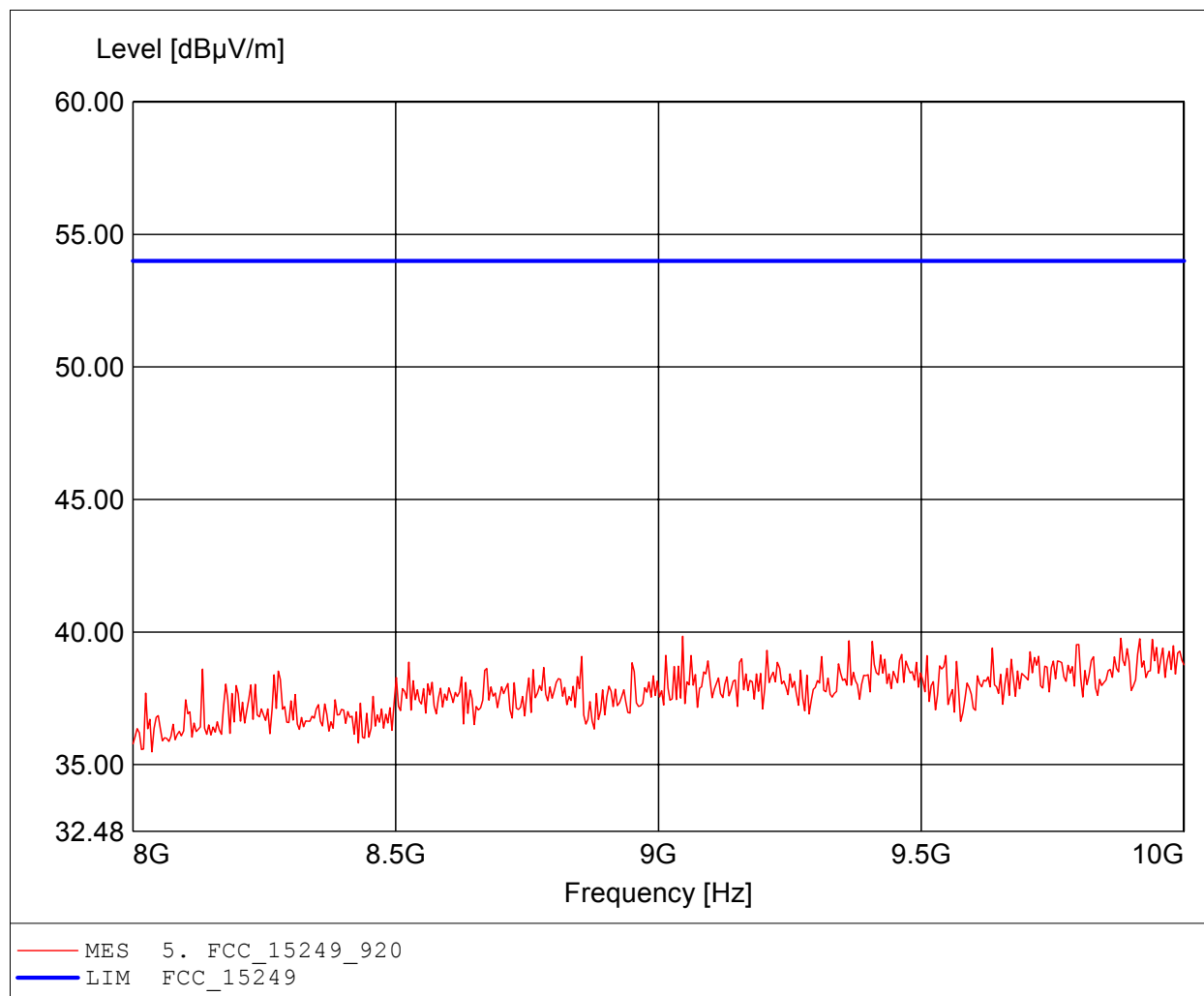
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.10, 902.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.513GHz, Emax: 44.51dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

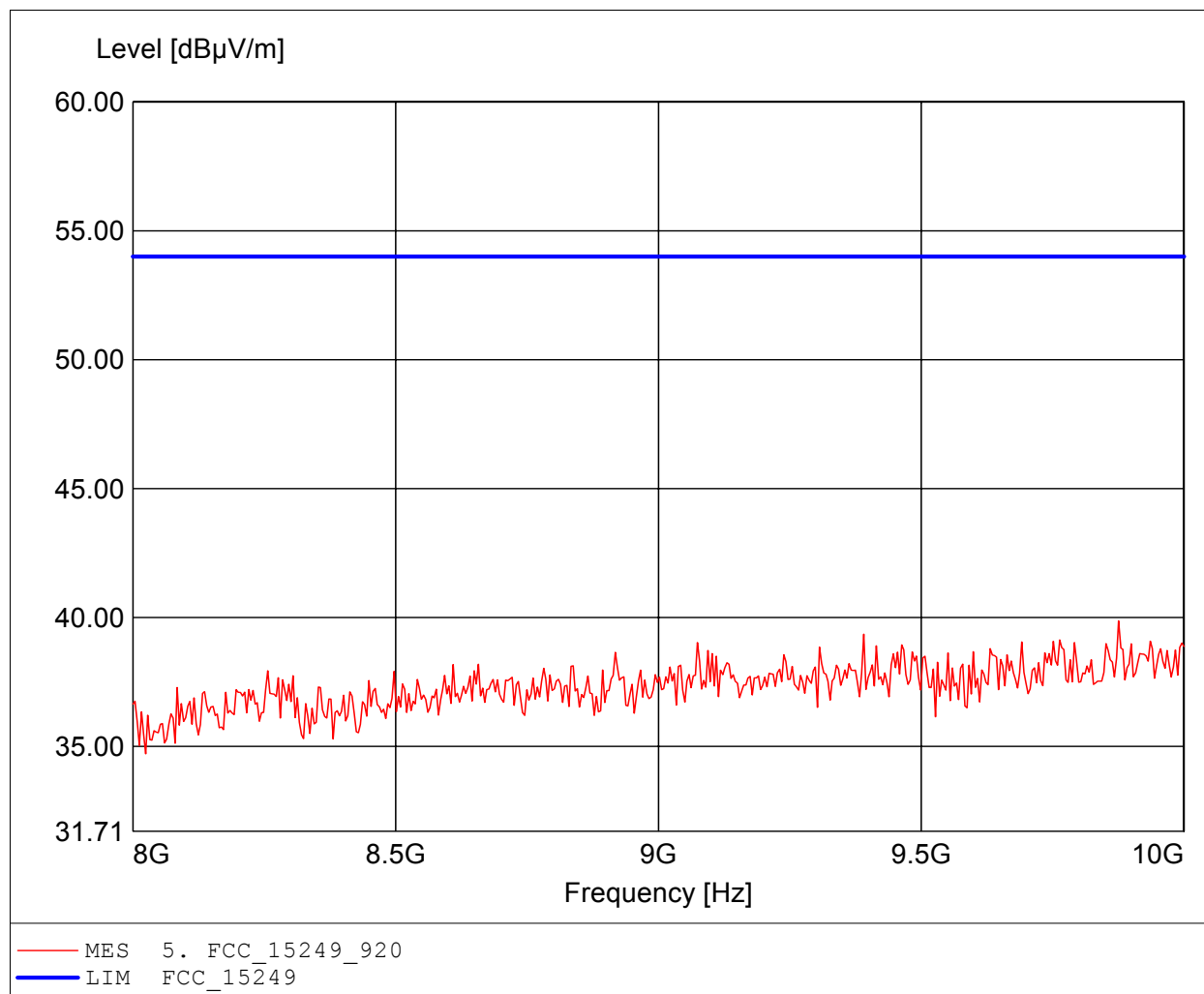
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.046GHz, Emax: 39.84dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

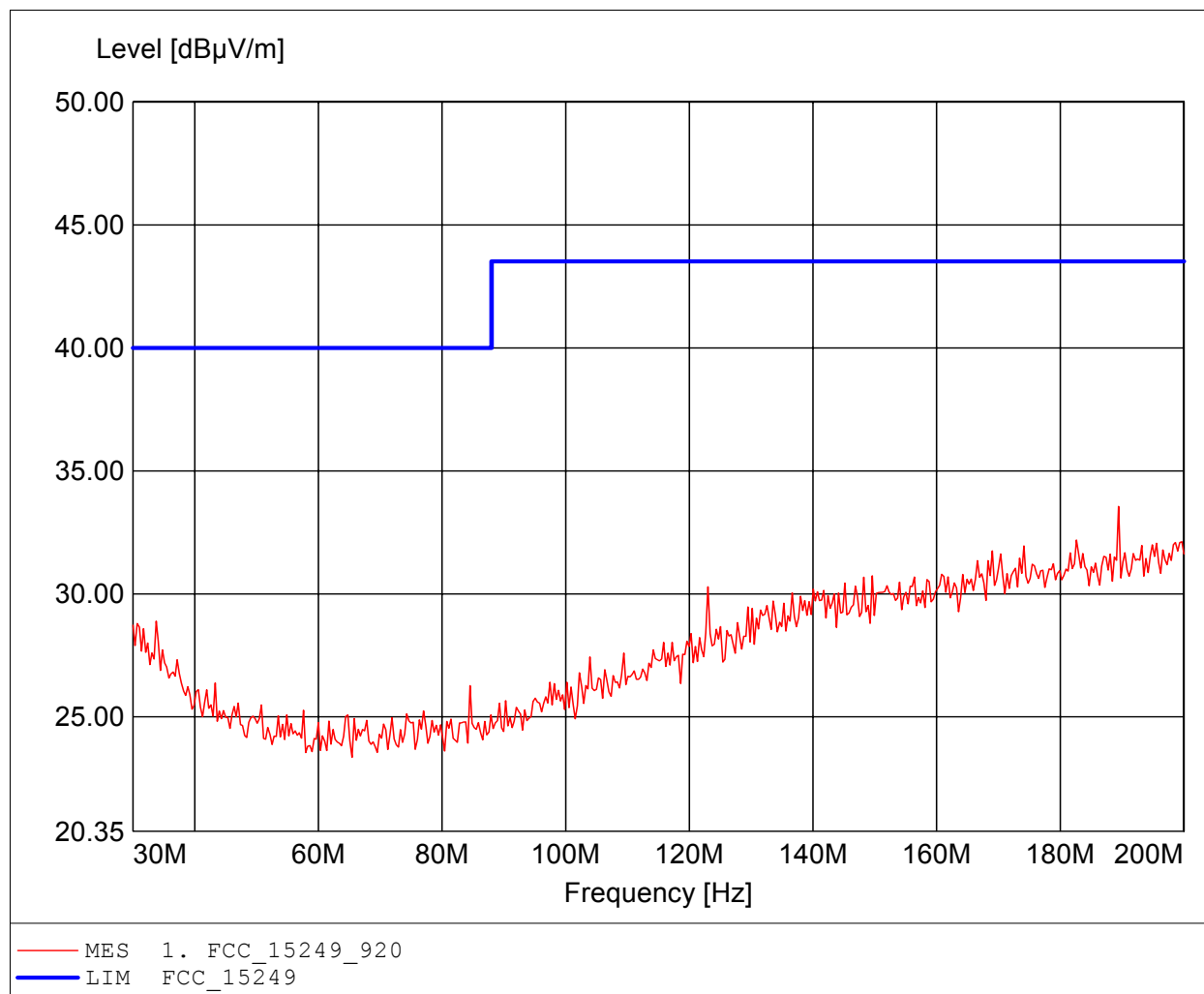
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.876GHz, Emax: 39.87dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

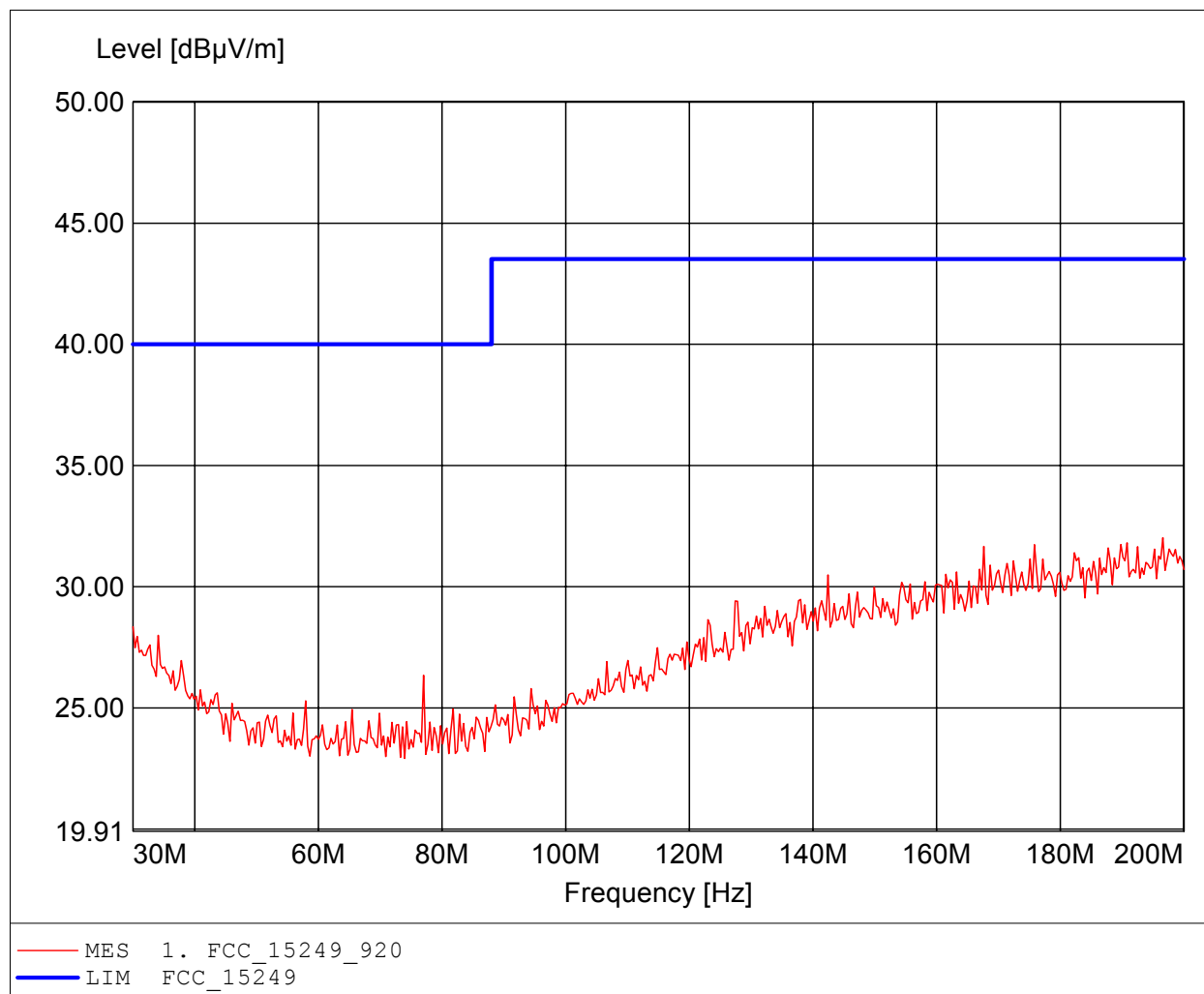
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 189.439MHz, Emax: 33.55dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

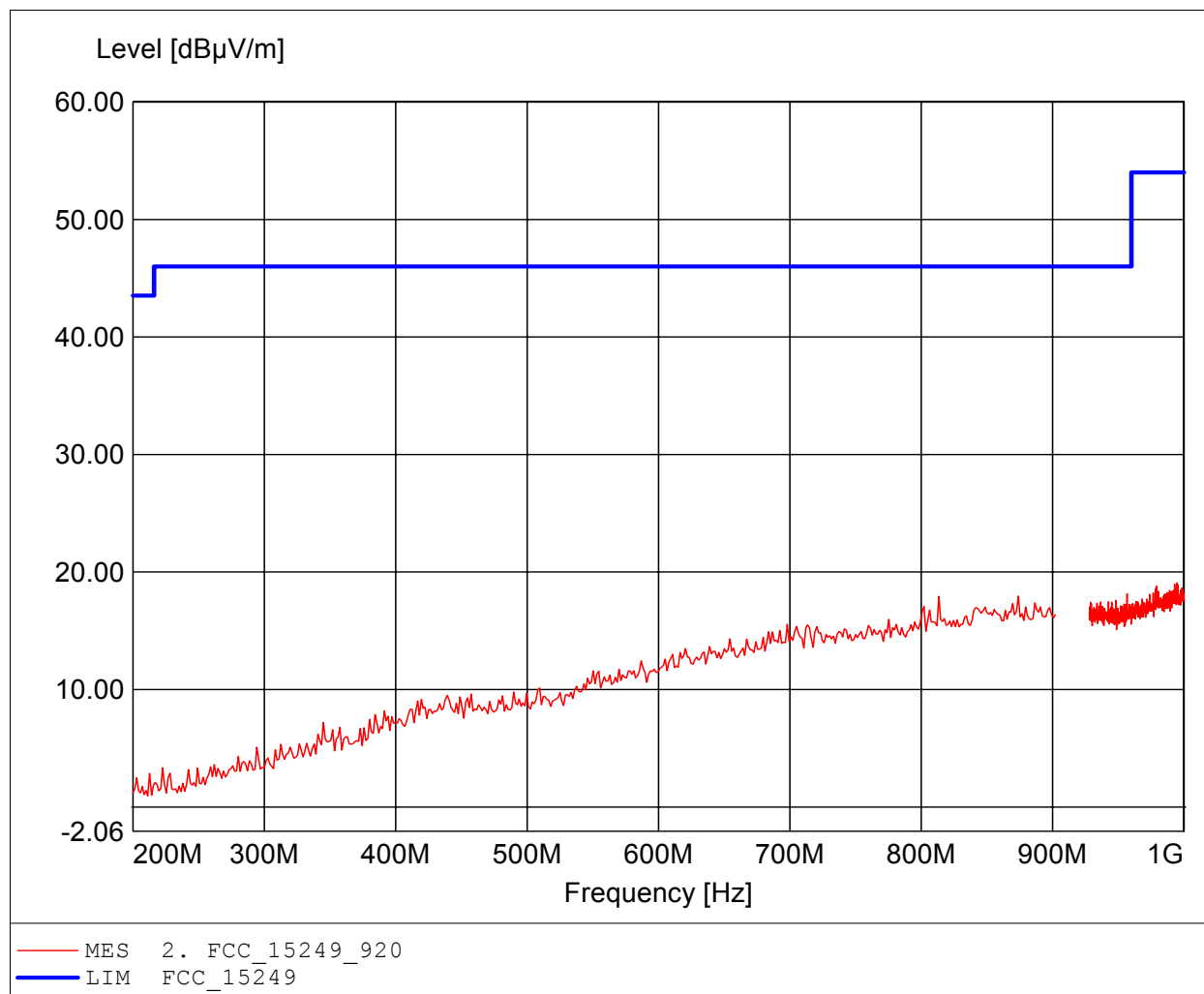
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.593MHz, Emax: 32.02dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

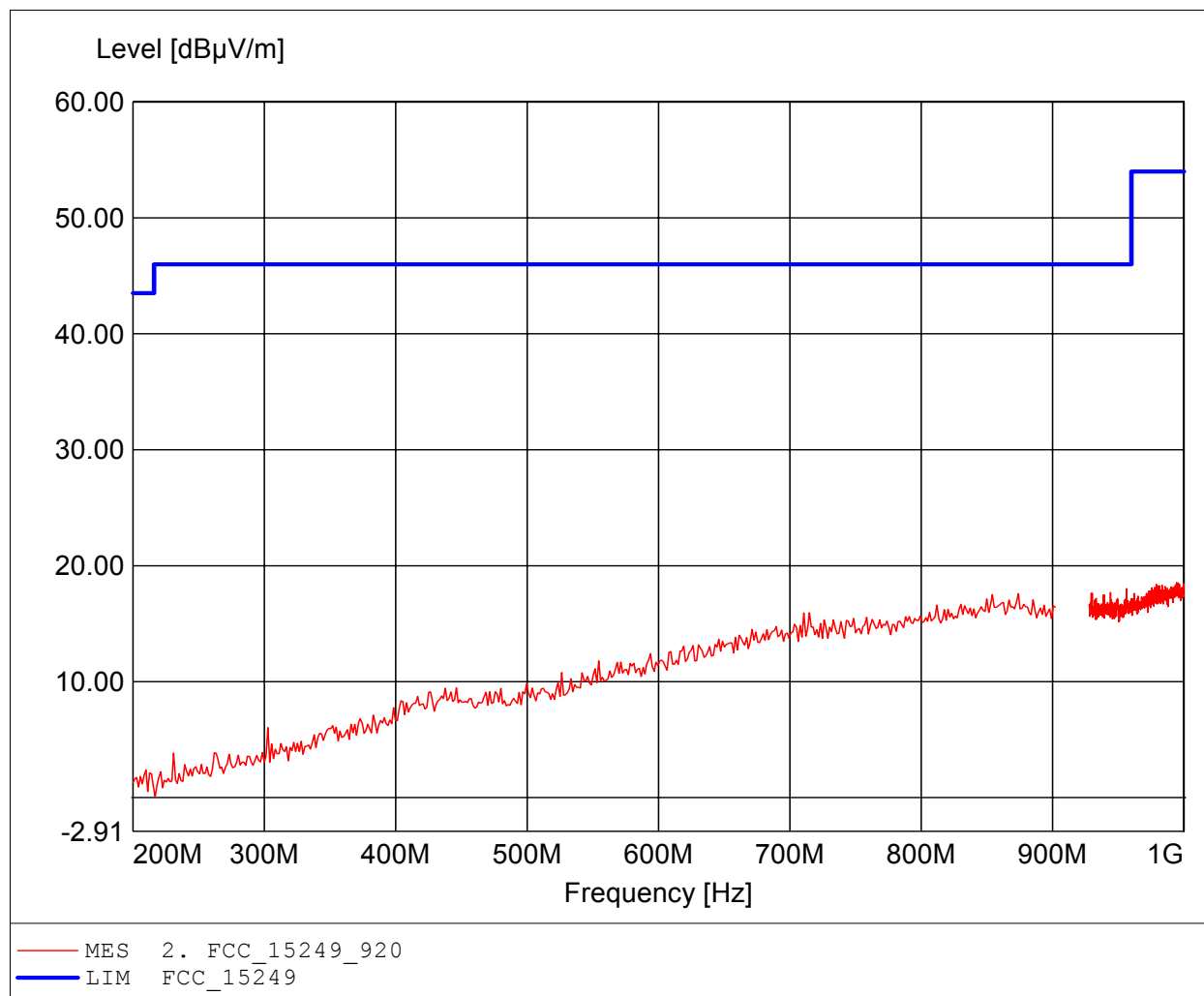
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 994.661MHz, Emax: 19.07dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

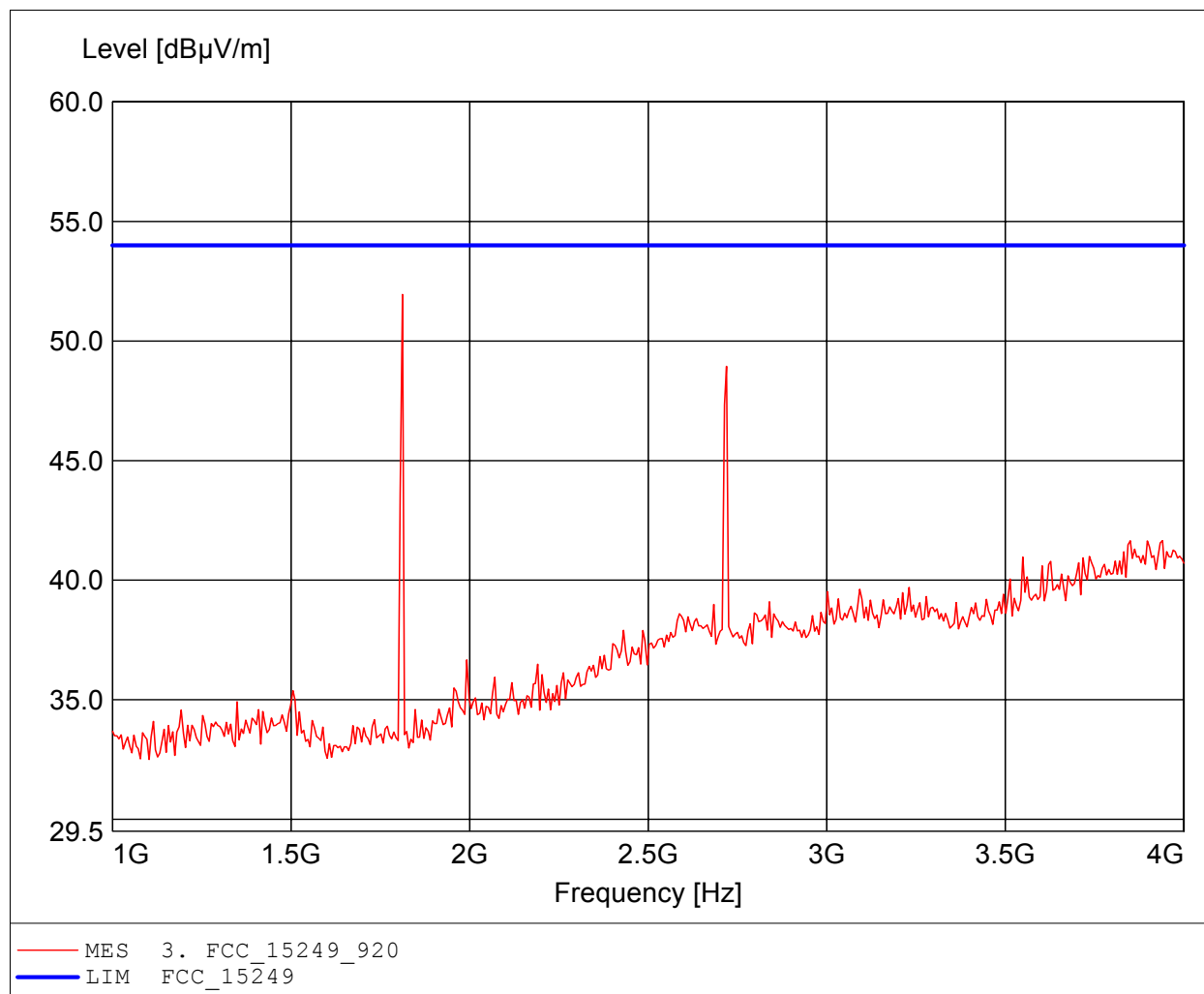
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 994.373MHz, Emax: 18.54dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

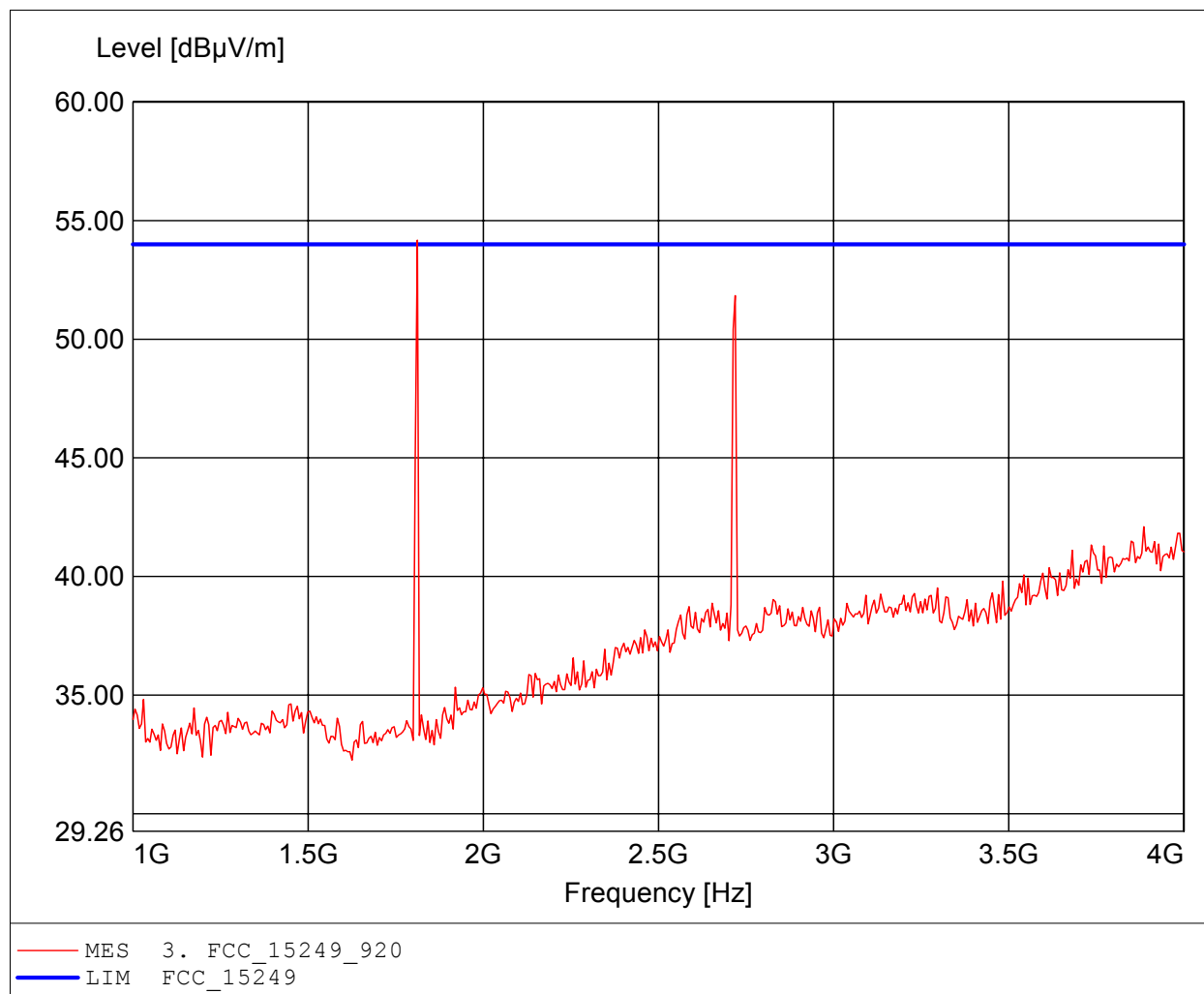
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.812GHz, Emax: 51.94dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

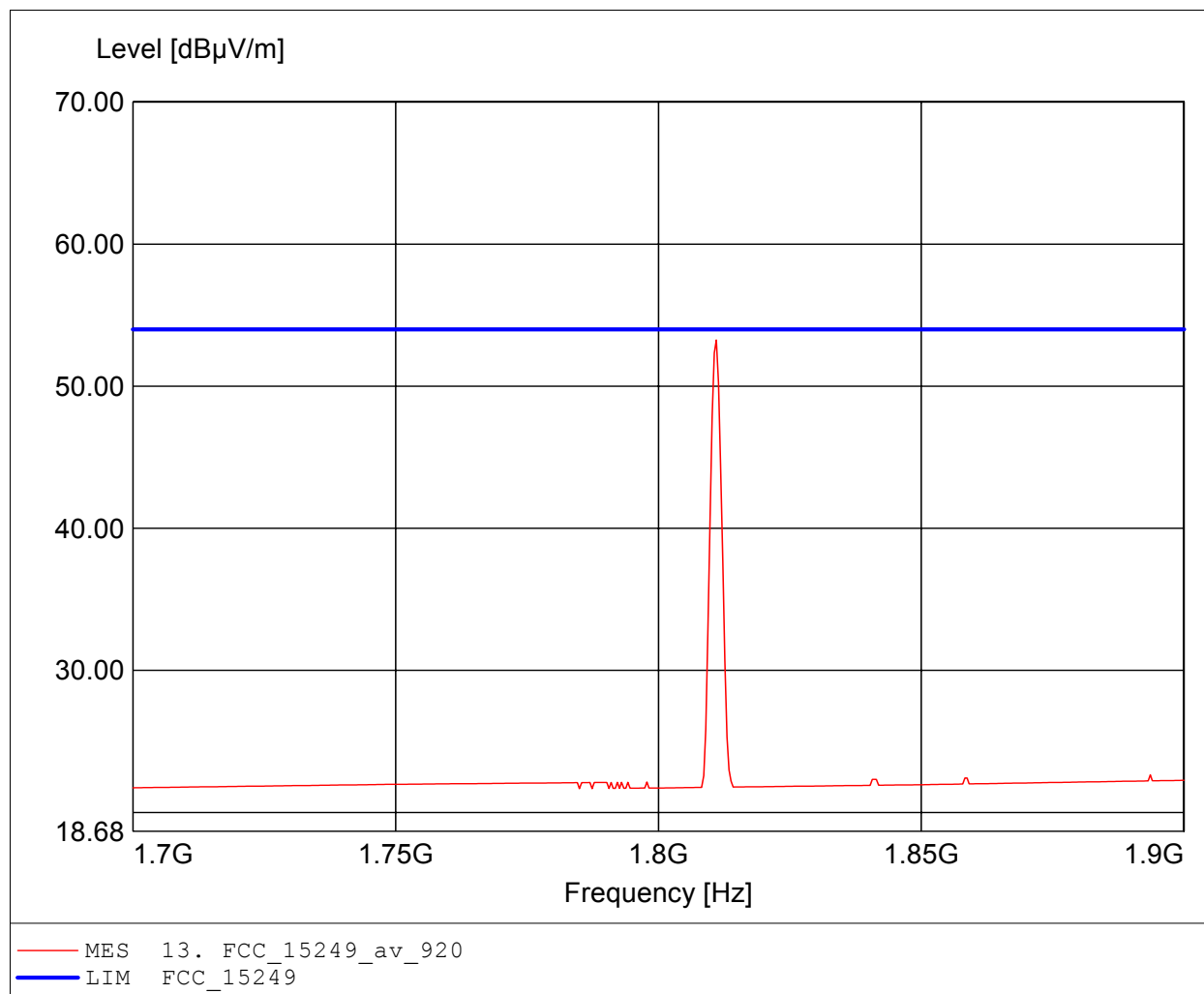
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.812GHz, Emax: 54.18dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

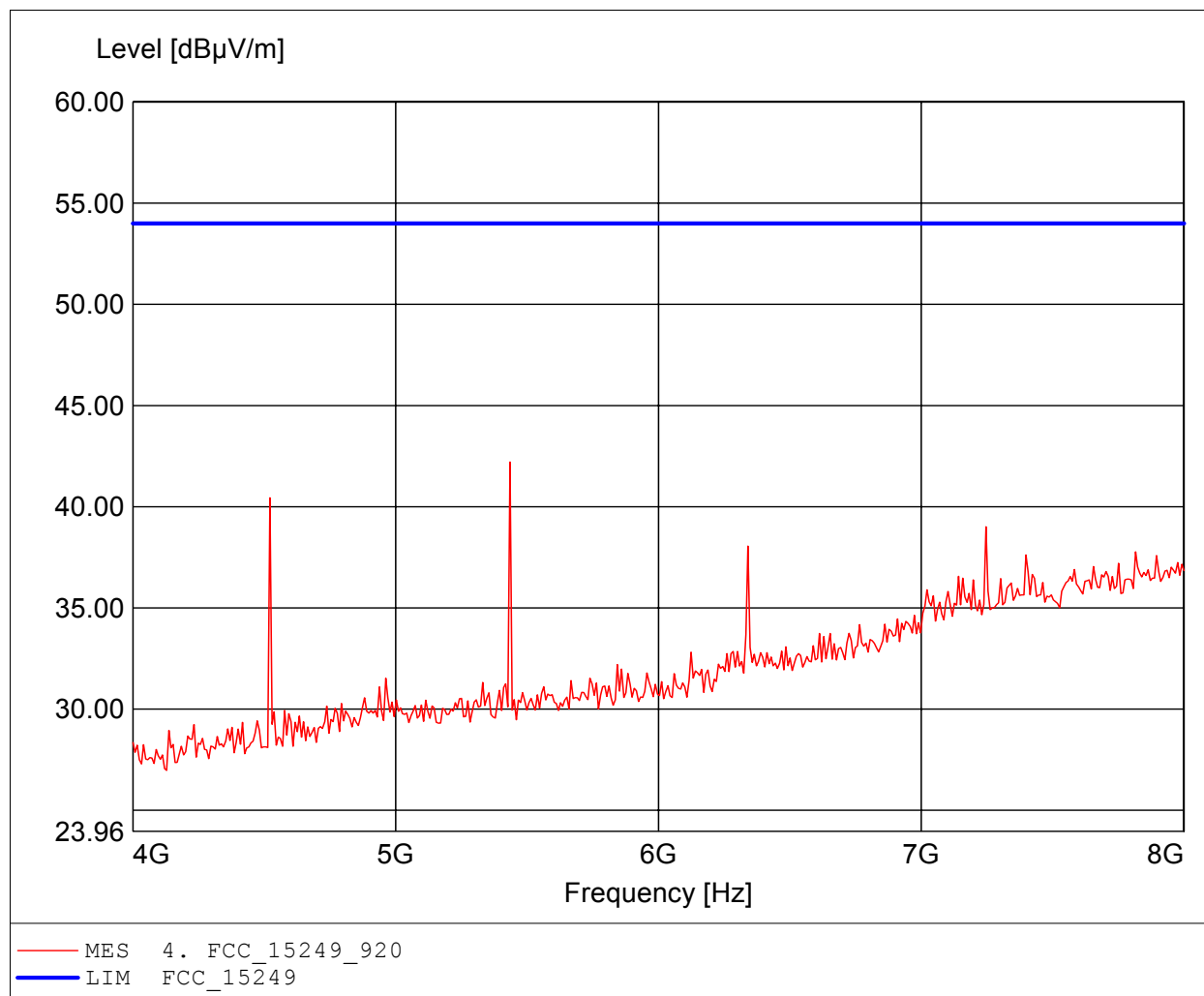
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.811GHz, Emax: 53.24dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

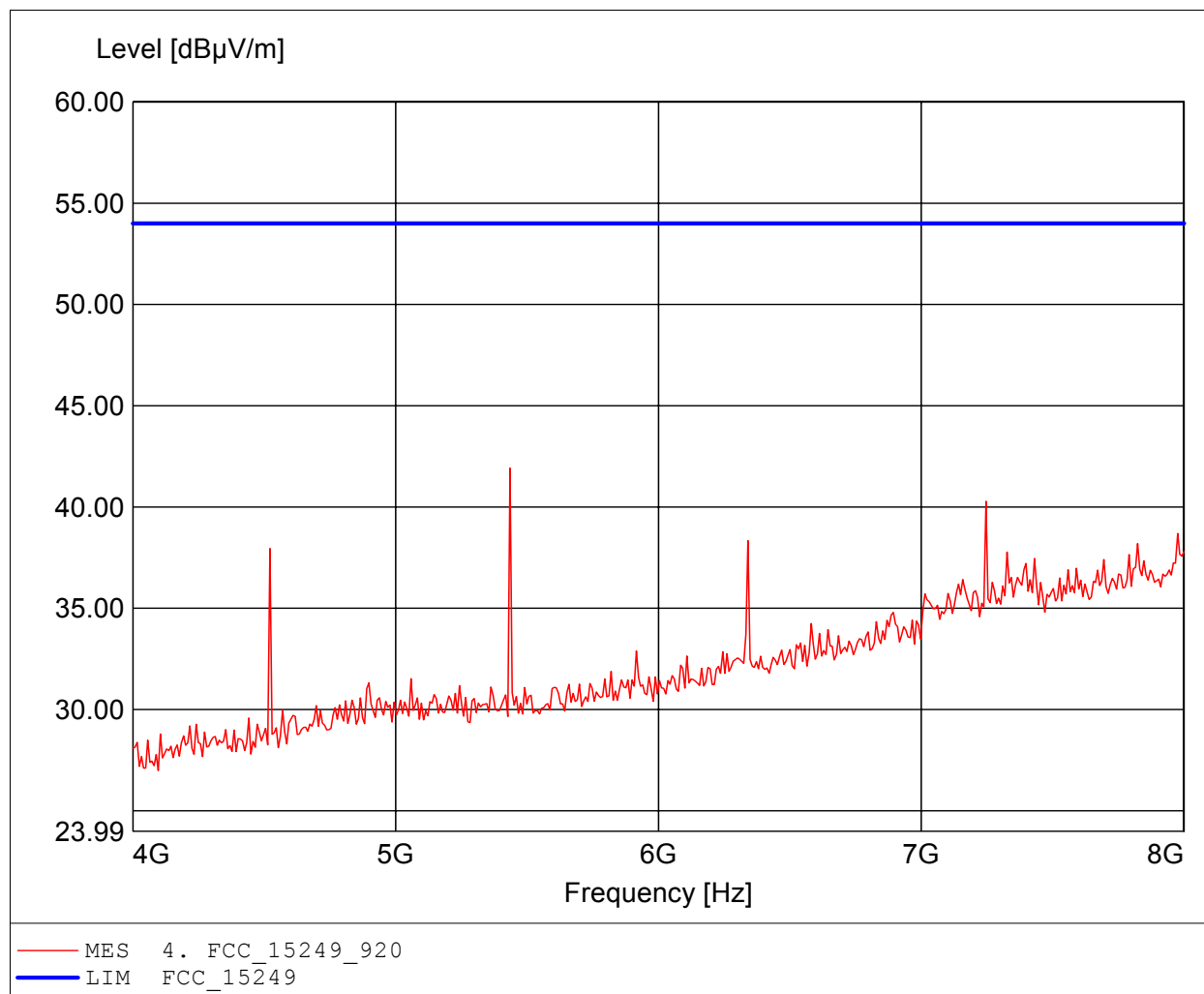
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.435GHz, Emax: 42.21dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

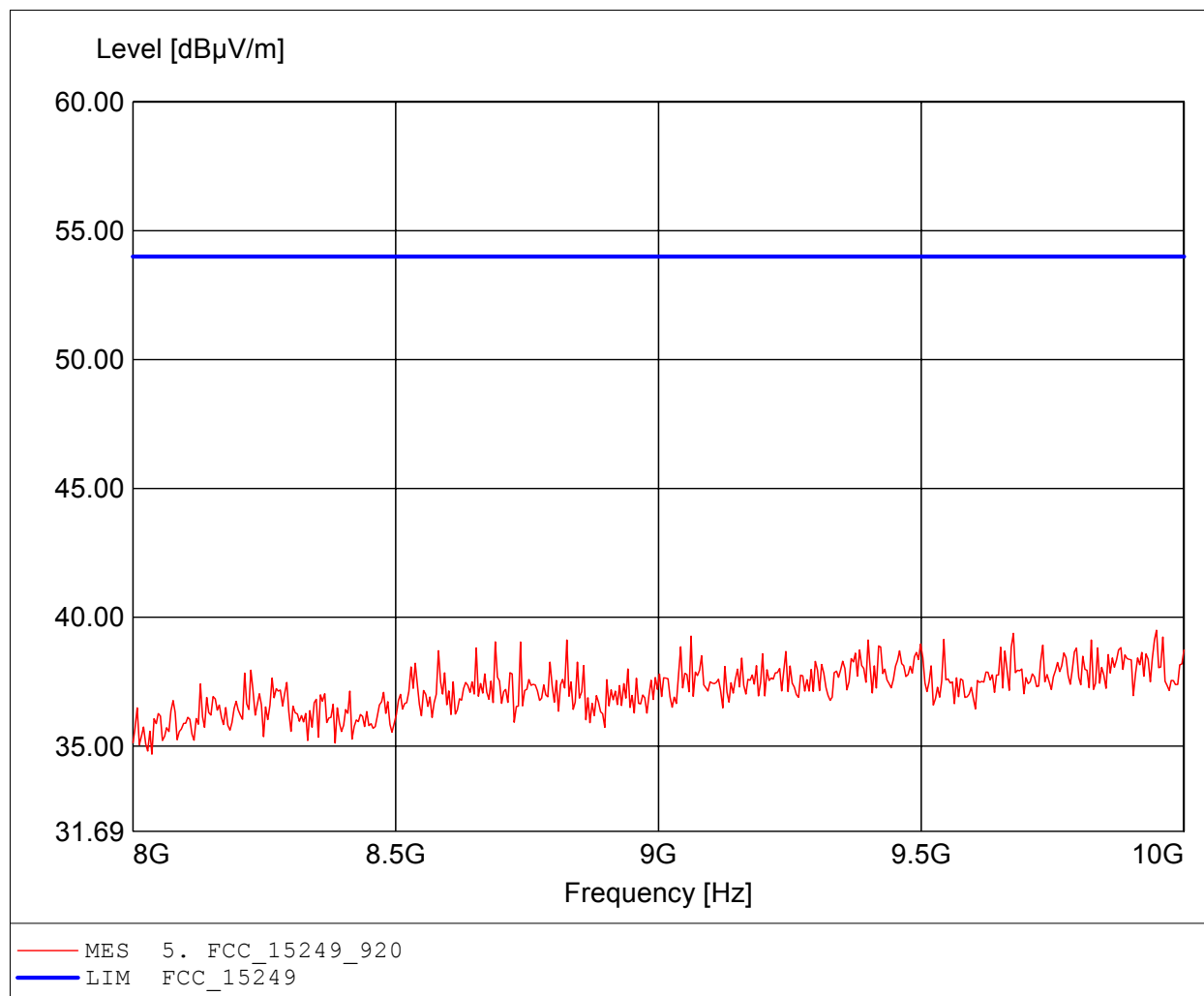
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 5.435GHz, Emax: 41.92dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

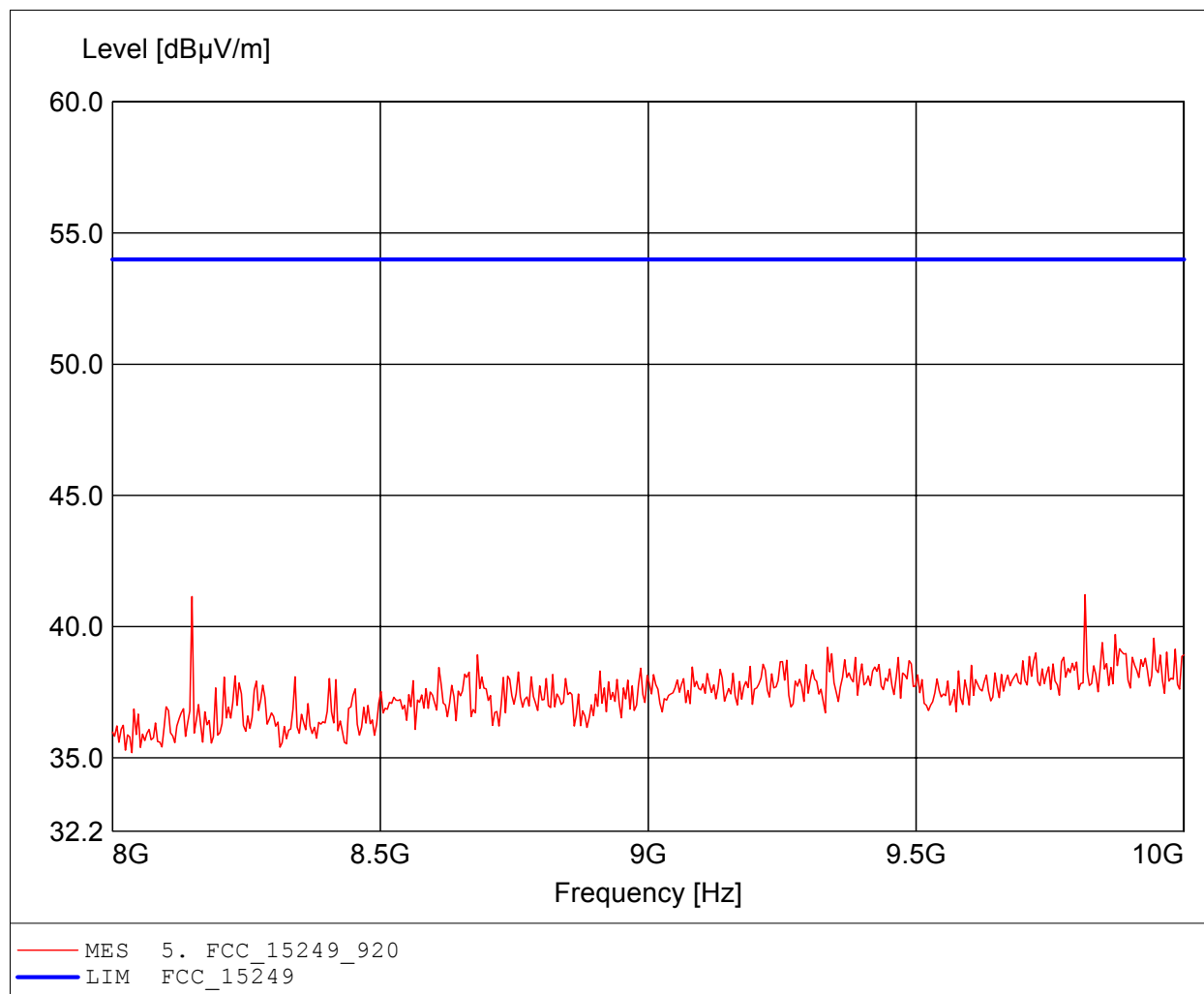
Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.948GHz, Emax: 39.50dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Applicant: Ordermann GmbH / GOM-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Tx ch.70, 905.45 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.816GHz, Emax: 41.22dBµV/m, RBW: 1MHz

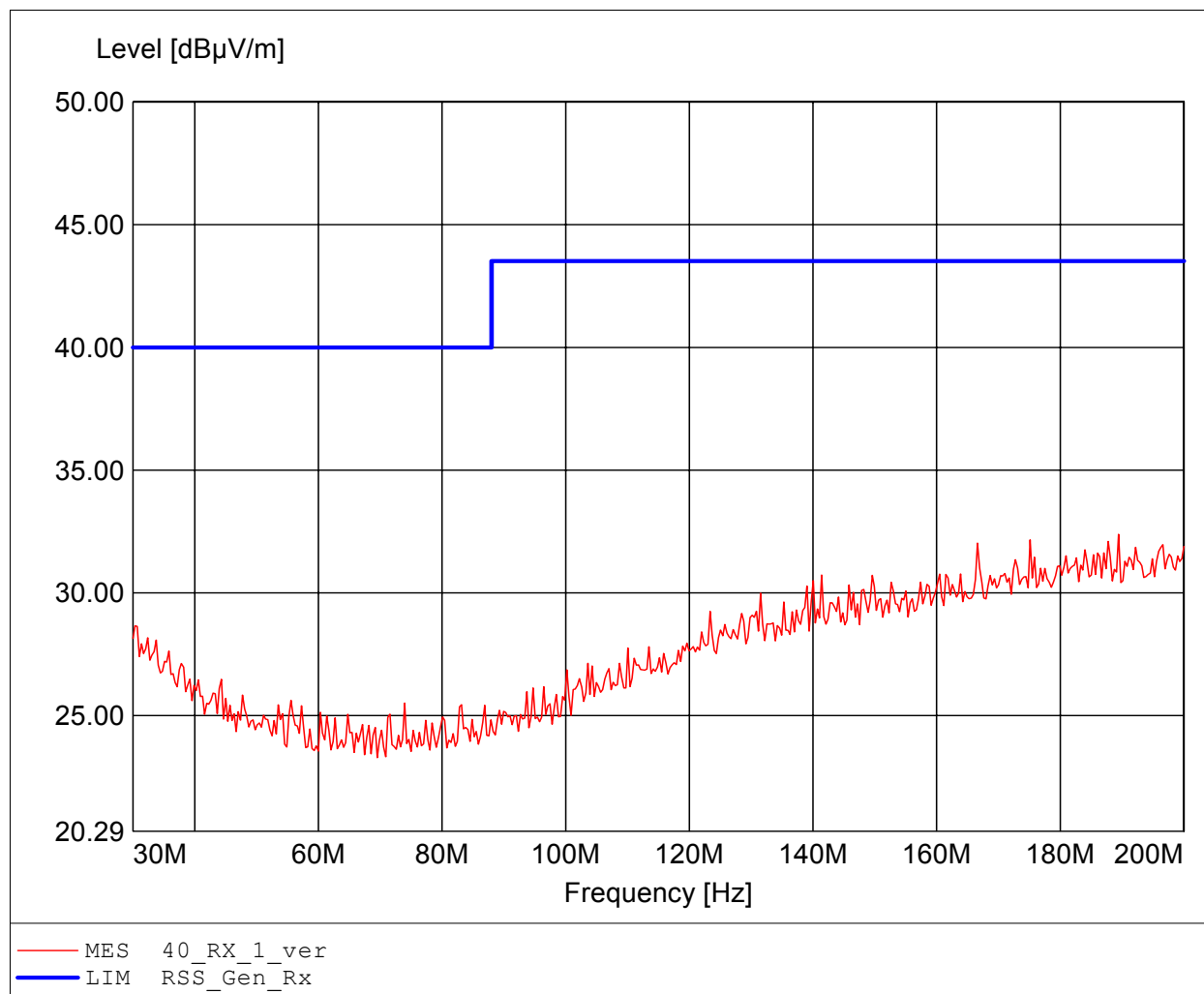


ANNEX C Receiver radiated spurious emissions

Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

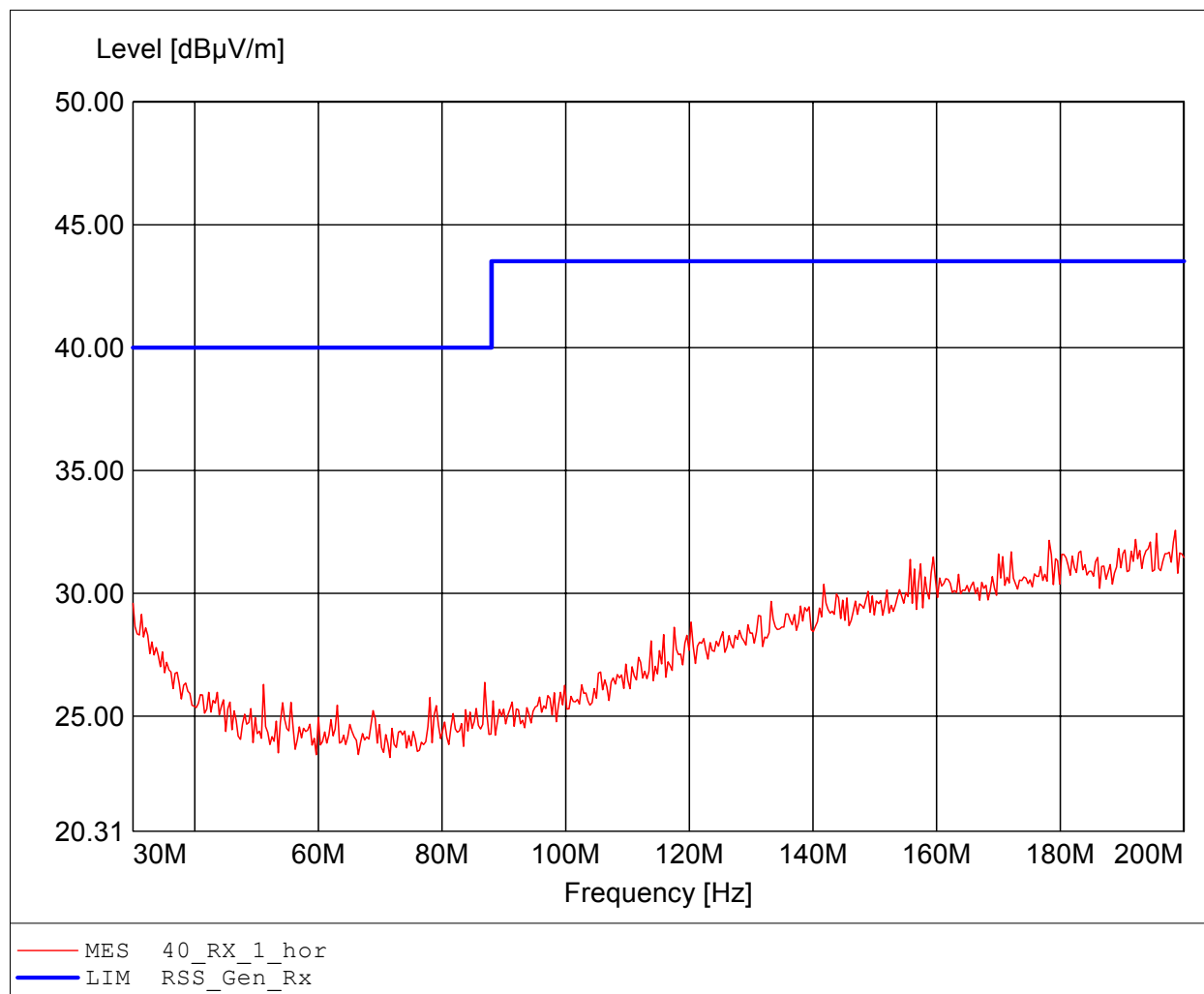
Applicant: Ordermann GmbH / G0M-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Rx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: Freq. / CH: 40
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:189.439MHz Emax:32.39dBuV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

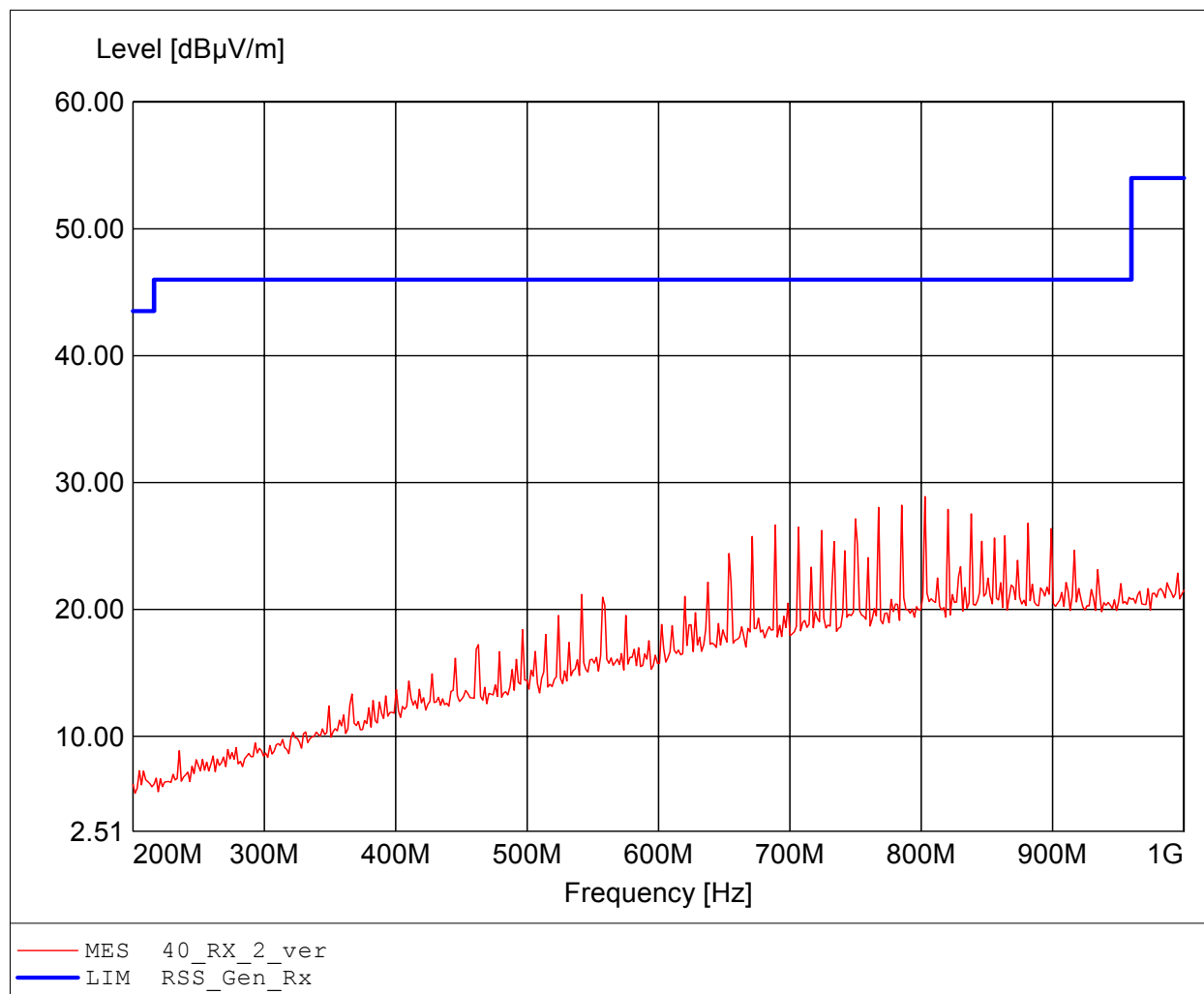
Applicant: Ordermann GmbH / G0M-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Rx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: Freq. / CH: 40
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:198.637MHz Emax:32.56dBuV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

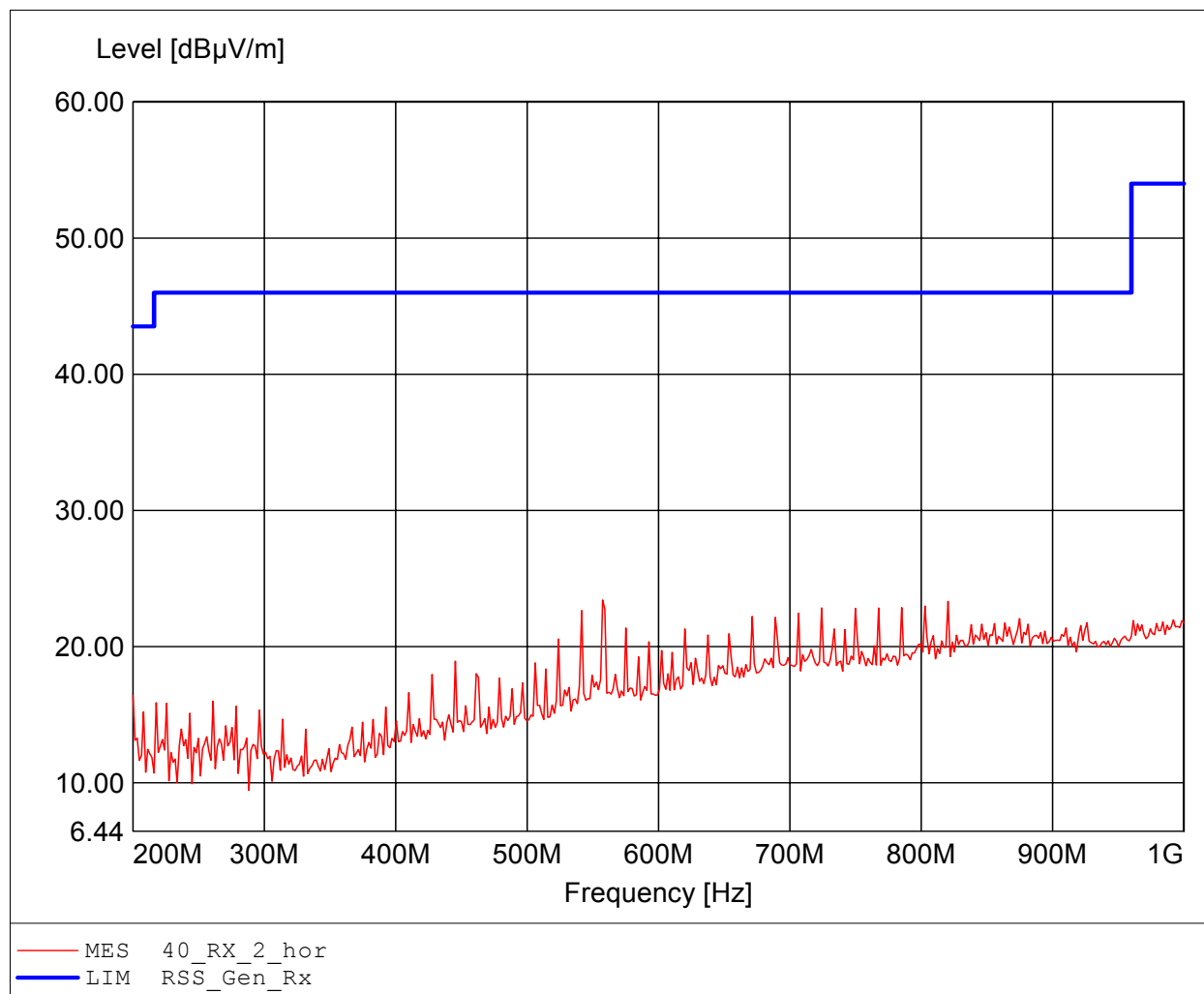
Applicant: Ordermann GmbH / G0M-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Rx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: Freq. / CH: 40
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:802.806MHz Emax:28.89dBuV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

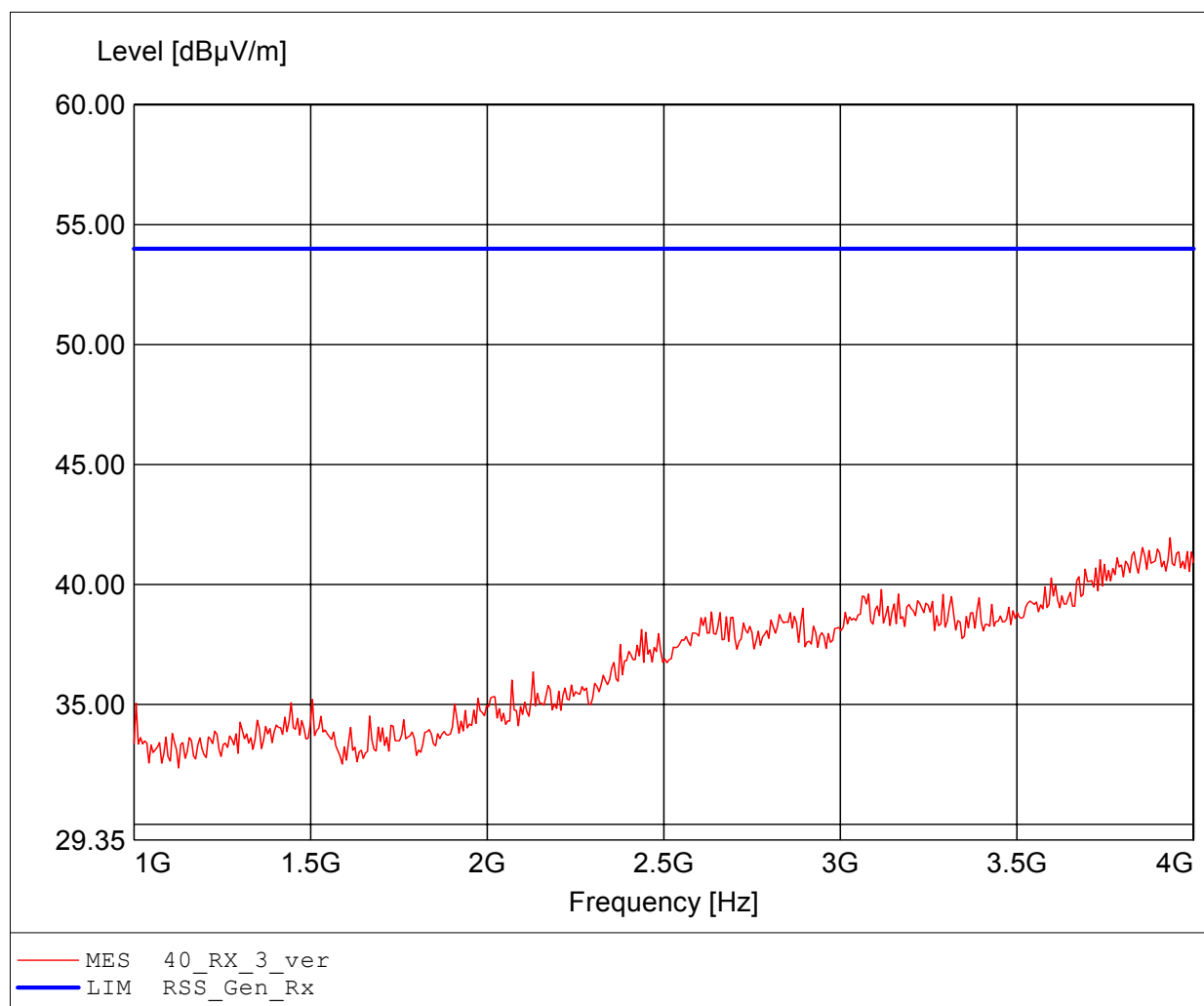
Applicant: Ordermann GmbH / G0M-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Rx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: Freq. / CH: 40
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:557.515MHz Emax:23.43dBuV/m RBW: 100 kHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

Applicant: Ordermann GmbH / G0M-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Rx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: Freq. / CH: 40
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.934GHz Emax:41.95dBμV/m RBW: 1 MHz



Field Strength under normal conditions

Standards Industry Canada, RSS-GEN

Applicant: Ordermann GmbH / G0M-1202-1765
EUT: Sol+ MSR Handheld terminal
Model / mode: Sol+ MSR 09031 S/N:EOA12733 / setup: Rx ch.40, 903.95 MHz
Test Site / Operator: Eurofins Product Service GmbH / Mr. Treffke
Test Condition: Tnom.: 24°C / Vnom: 3.7 VDC Lithium-Ion
Test Specification: Freq. / CH: 40
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.856GHz Emax:42.25dBμV/m RBW: 1 MHz

