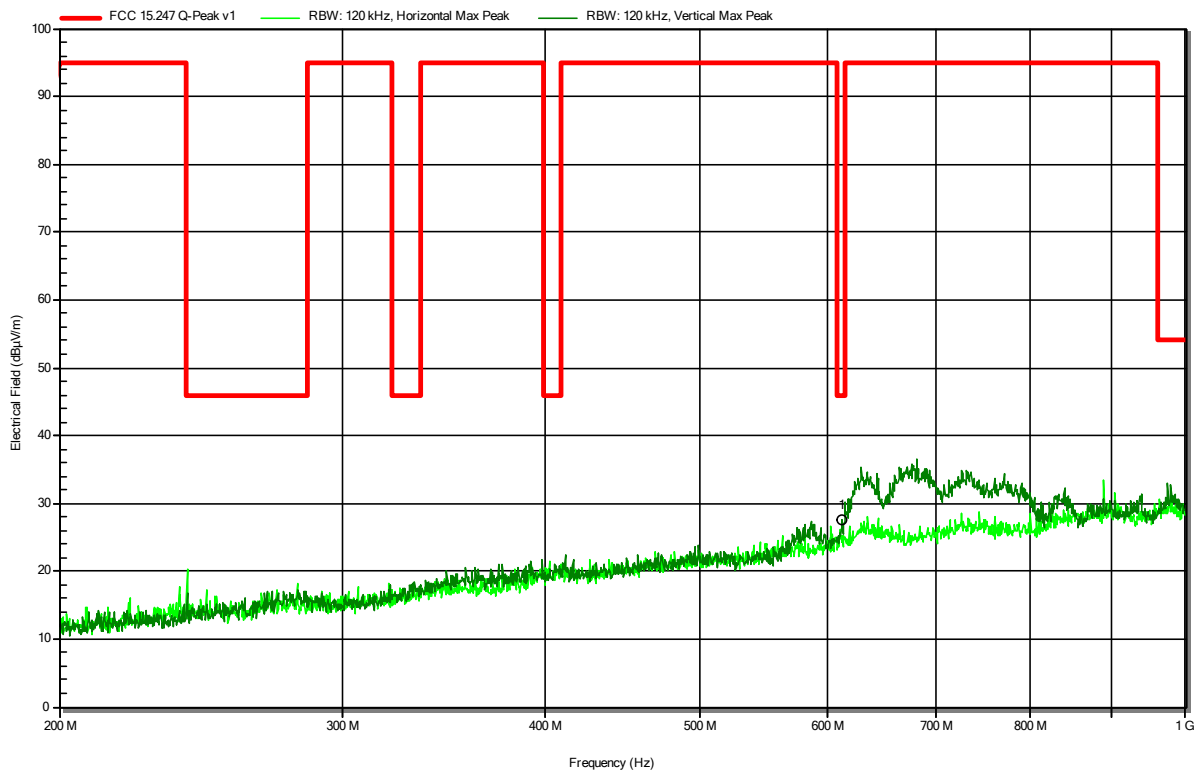


Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Rohde & Schwarz HL 223
 Measurement distance: 3 m
 Mode: Tx; BLE; 2402 MHz; coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-11
 Note:

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RadiMation



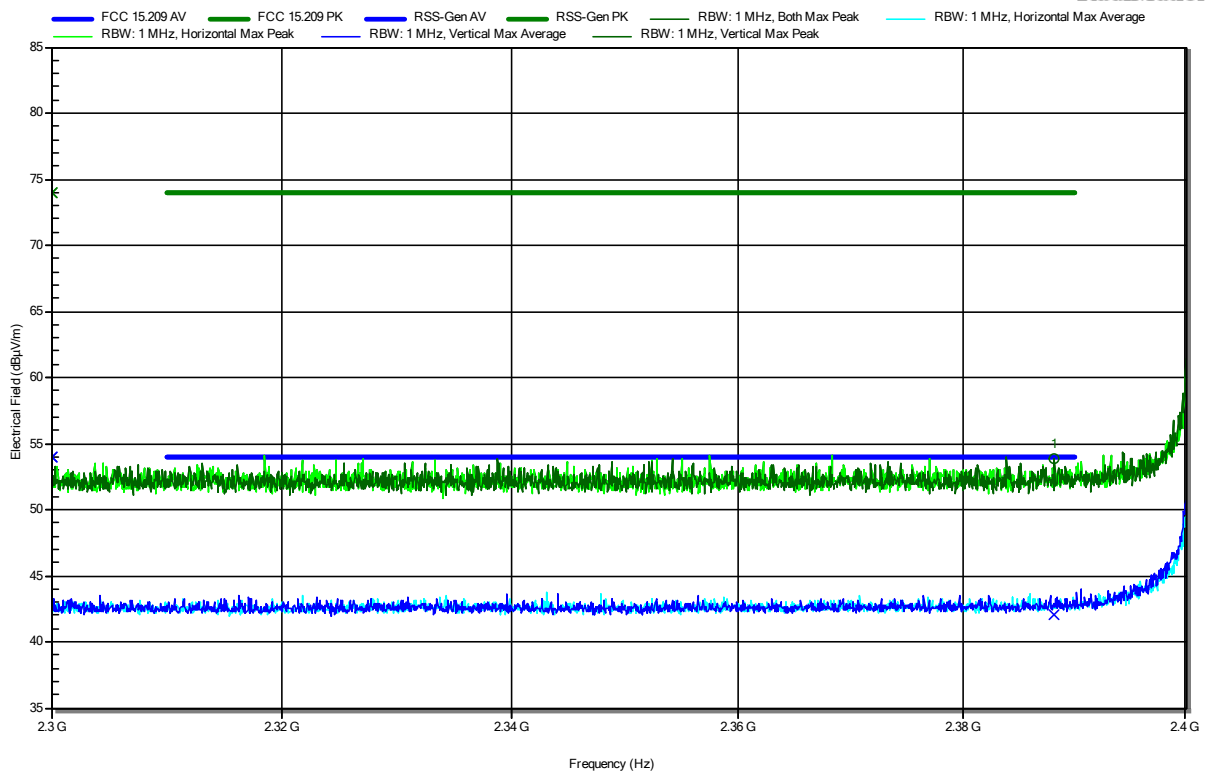
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
611.3 MHz	27.6 dBµV/m	46 dBµV/m	-18.43 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; BLE; 2402 MHz; 1 Mbps; PBR9, EUT vertical
 Test Date: 2022-11-04
 Note: lower bandedge

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RadiMation



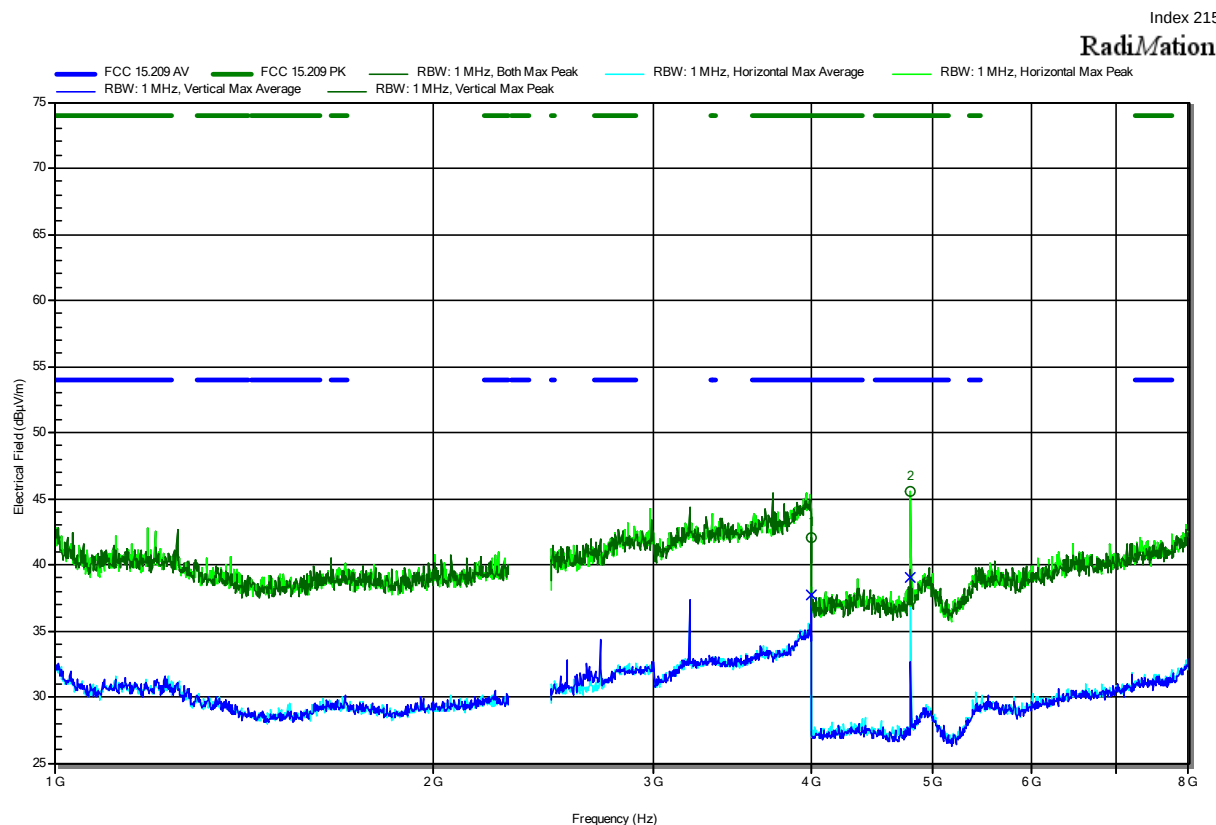
Frequency 2.3882 GHz	Peak 53.87 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -20.13 dB	Peak Status Pass	Polarization Vertical
Frequency 2.3882 GHz	Average 42.02 dBµV/m	Average Limit 54 dBµV/m	Average Difference -11.98 dB	Average Status Pass	Polarization Vertical

Test Report No.: G0M-2205-1454-TFC247BL-V02

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

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; BLE; 2402 MHz; 1 Mbps; PBR9, EUT vertical
 Test Date: 2022-11-04
 Note:

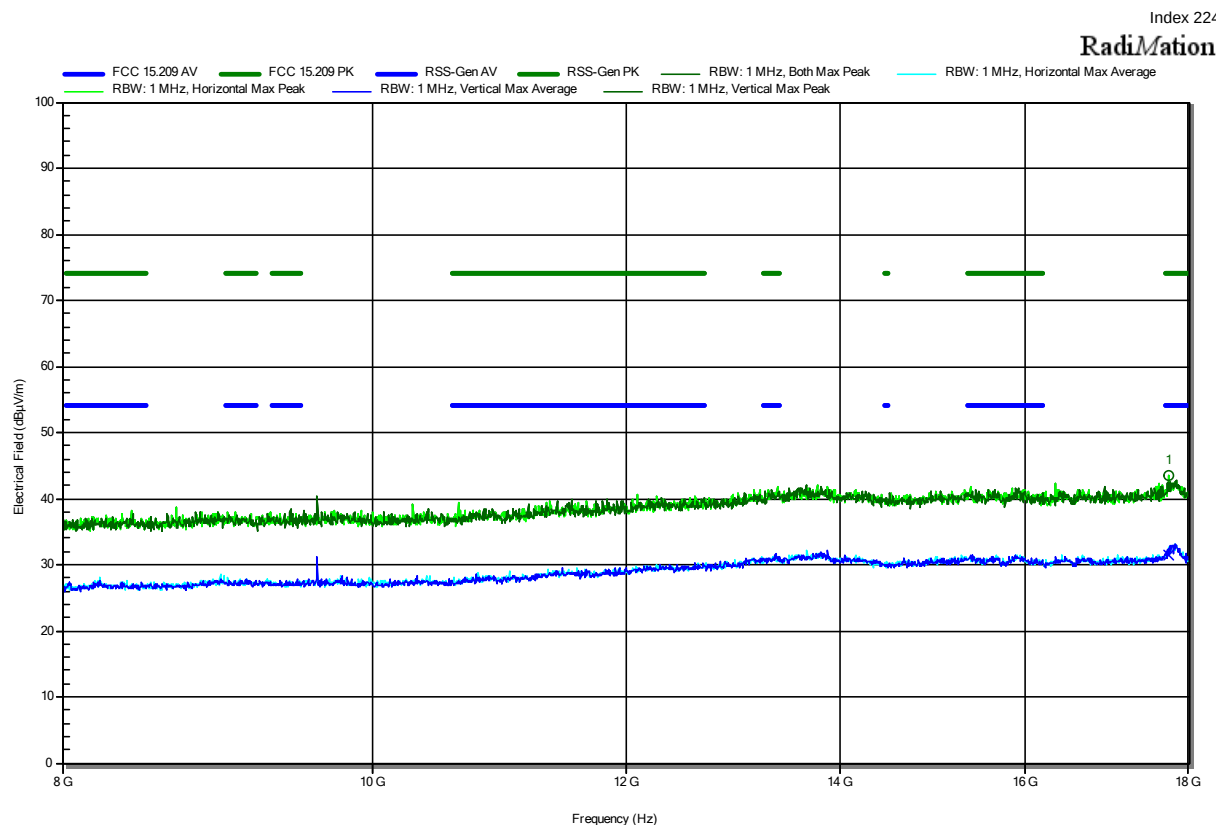


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
4.0032 GHz	42.08 dBμV/m	74 dBμV/m	-31.92 dB	Pass	Vertical
4.8044 GHz	45.52 dBμV/m	74 dBμV/m	-28.48 dB	Pass	Horizontal

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
4.0032 GHz	37.74 dBμV/m	54 dBμV/m	-16.26 dB	Pass	Vertical
4.8044 GHz	39.03 dBμV/m	54 dBμV/m	-14.97 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

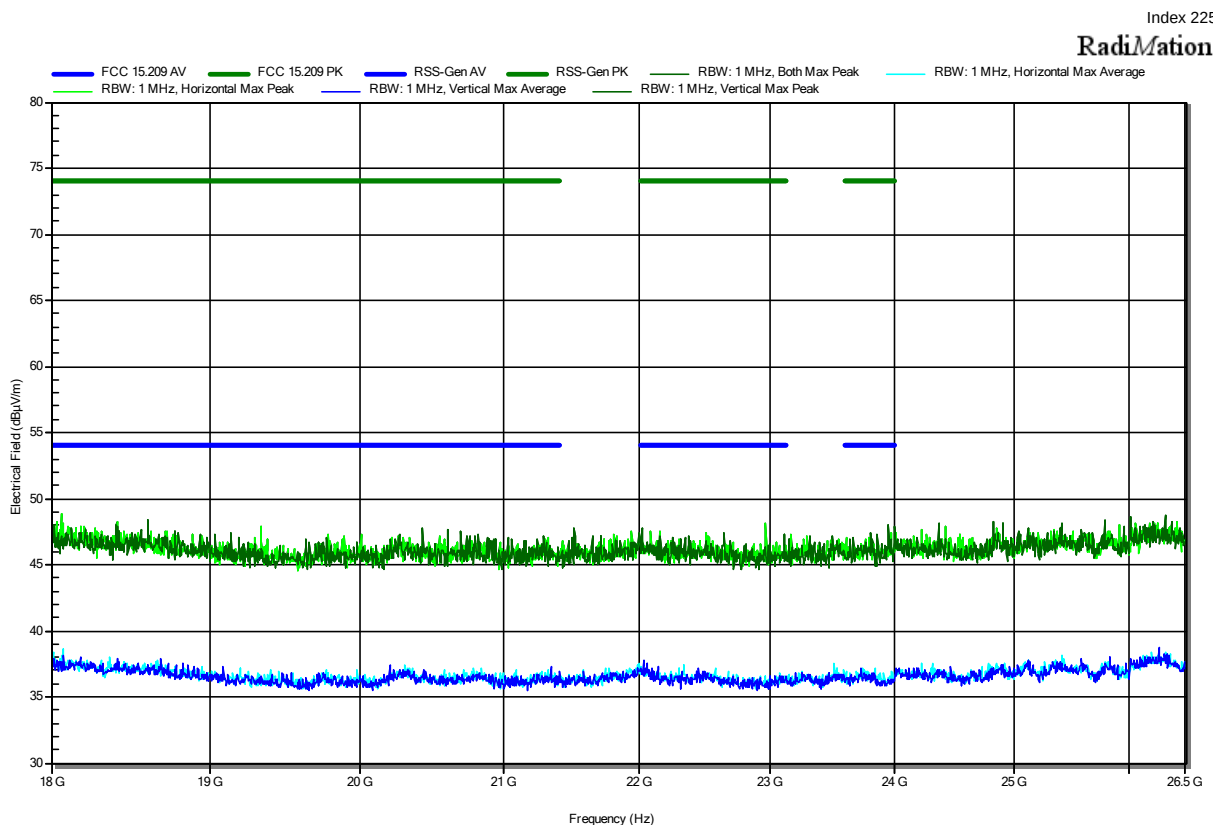
Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; BLE; 2402 MHz; coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-07
 Note:



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
17.74 GHz	43.44 dBµV/m	74 dBµV/m	-30.56 dB	Pass	Horizontal
Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
17.74 GHz	31.33 dBµV/m	54 dBµV/m	-22.67 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560
 Measurement distance: 3 m
 Mode: Tx; BLE; 2402 MHz; coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-07
 Note:

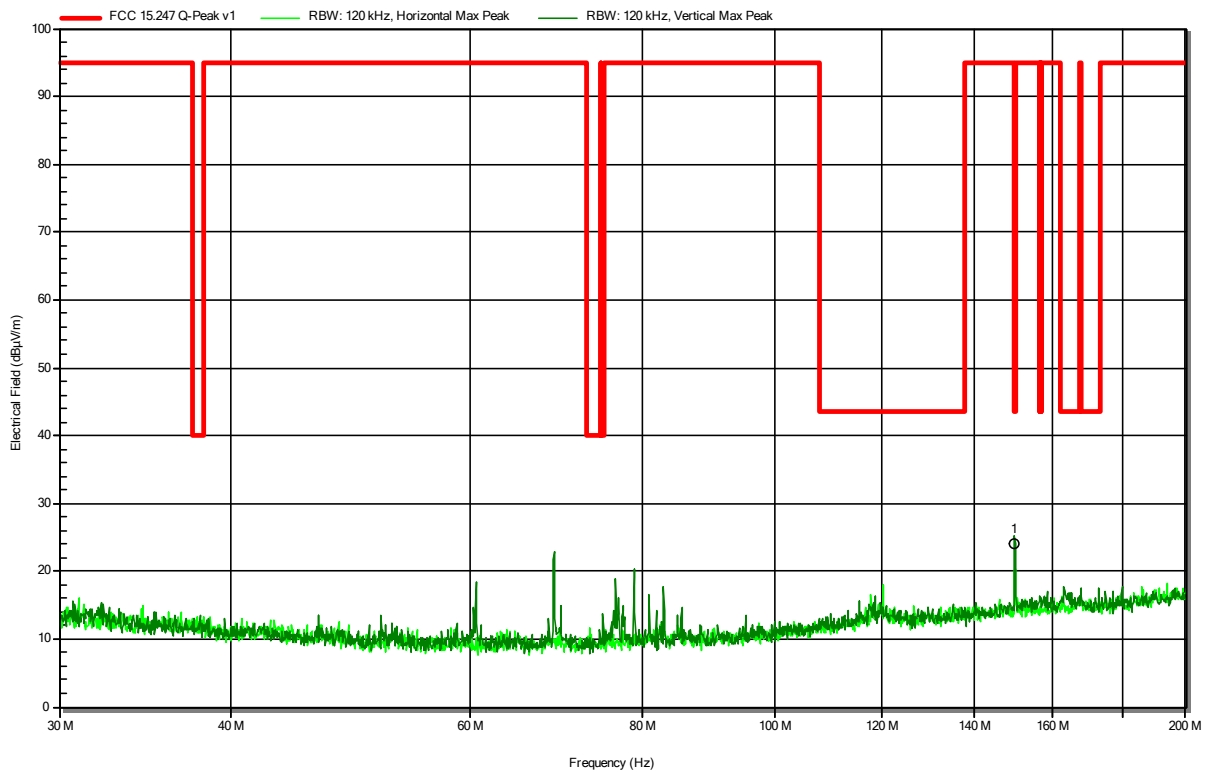


Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Rohde & Schwarz HK 116
 Measurement distance: 3 m
 Mode: Tx; BLE; 2440 MHz; coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-11
 Note:

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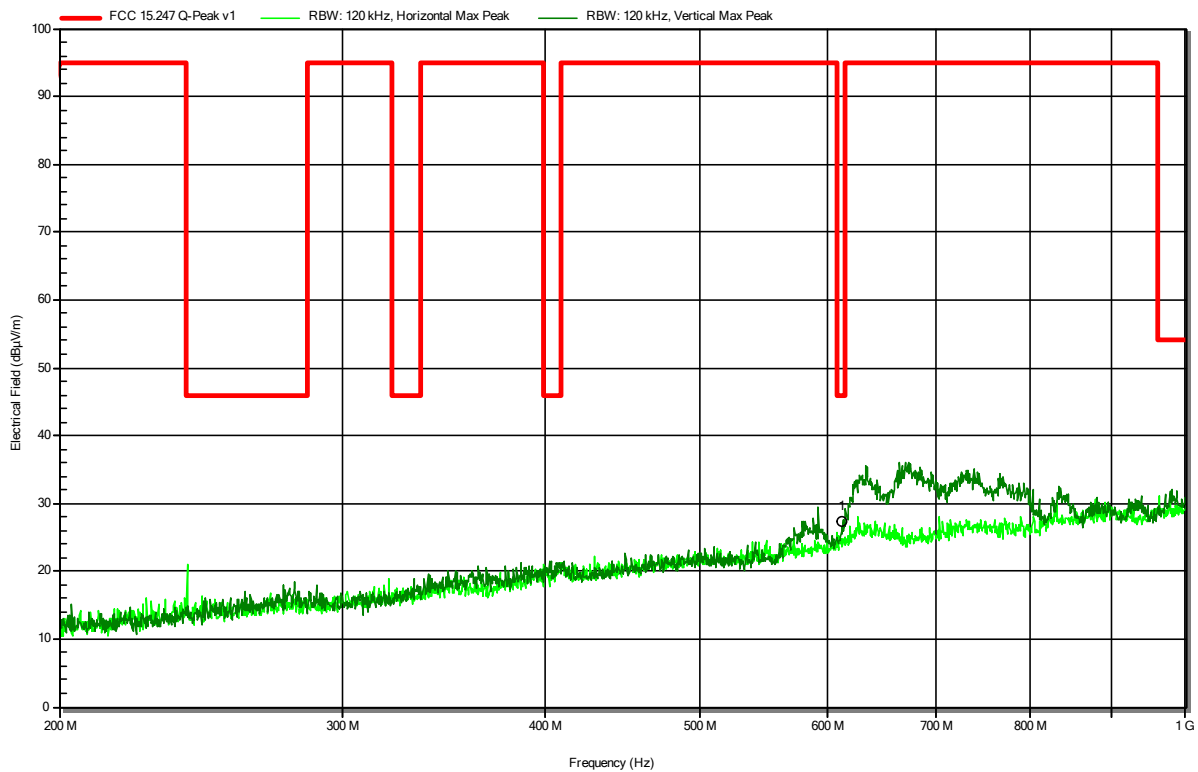
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
149.986 MHz	24 dBµV/m	43.5 dBµV/m	-19.5 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Rohde & Schwarz HL 223
 Measurement distance: 3 m
 Mode: Tx; BLE; 2440 MHz; coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-11
 Note:

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RadiMation



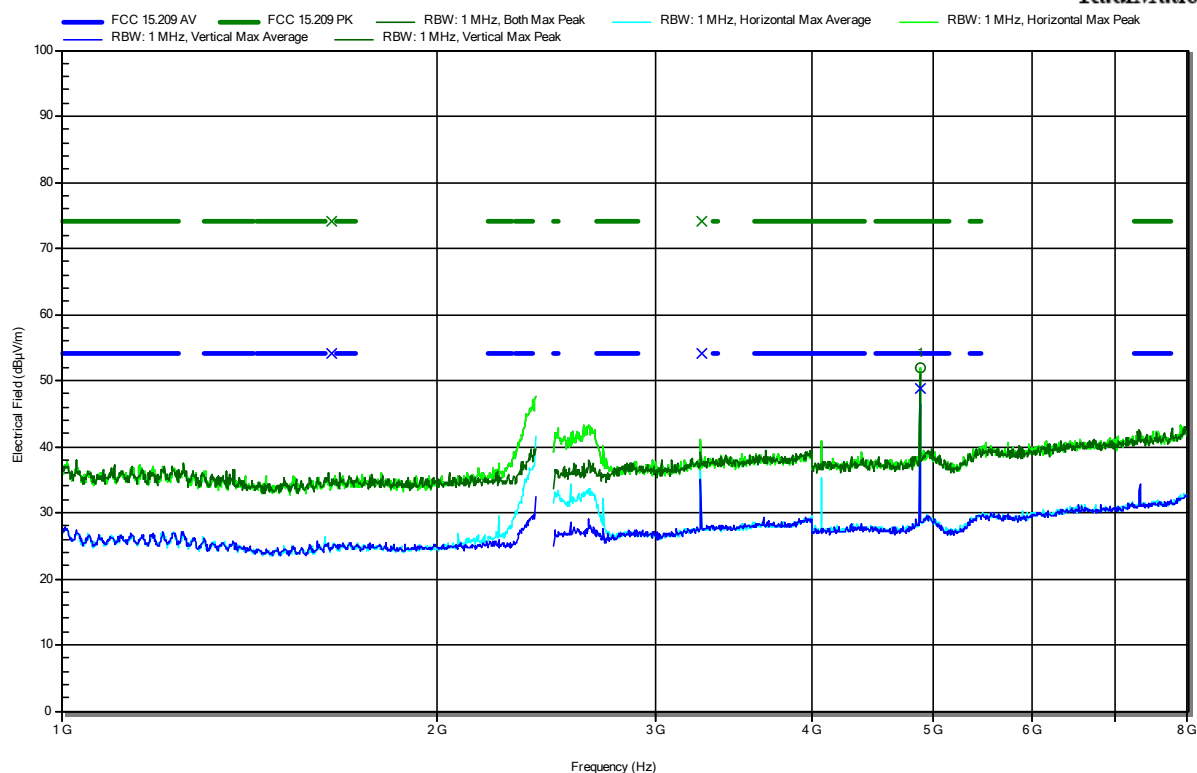
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
612.54 MHz	27.5 dBμV/m	46 dBμV/m	-18.54 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; BLE; 2440 MHz; 1 Mbps; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-07
 Note:

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Frequency 4.8795 GHz	Peak 51.89 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -22.11 dB	Peak Status Pass	Polarization Horizontal
Frequency 4.8795 GHz	Average 48.73 dBµV/m	Average Limit 54 dBµV/m	Average Difference -5.27 dB	Average Status Pass	Polarization Horizontal

Test Report No.: G0M-2205-1454-TFC247BL-V02

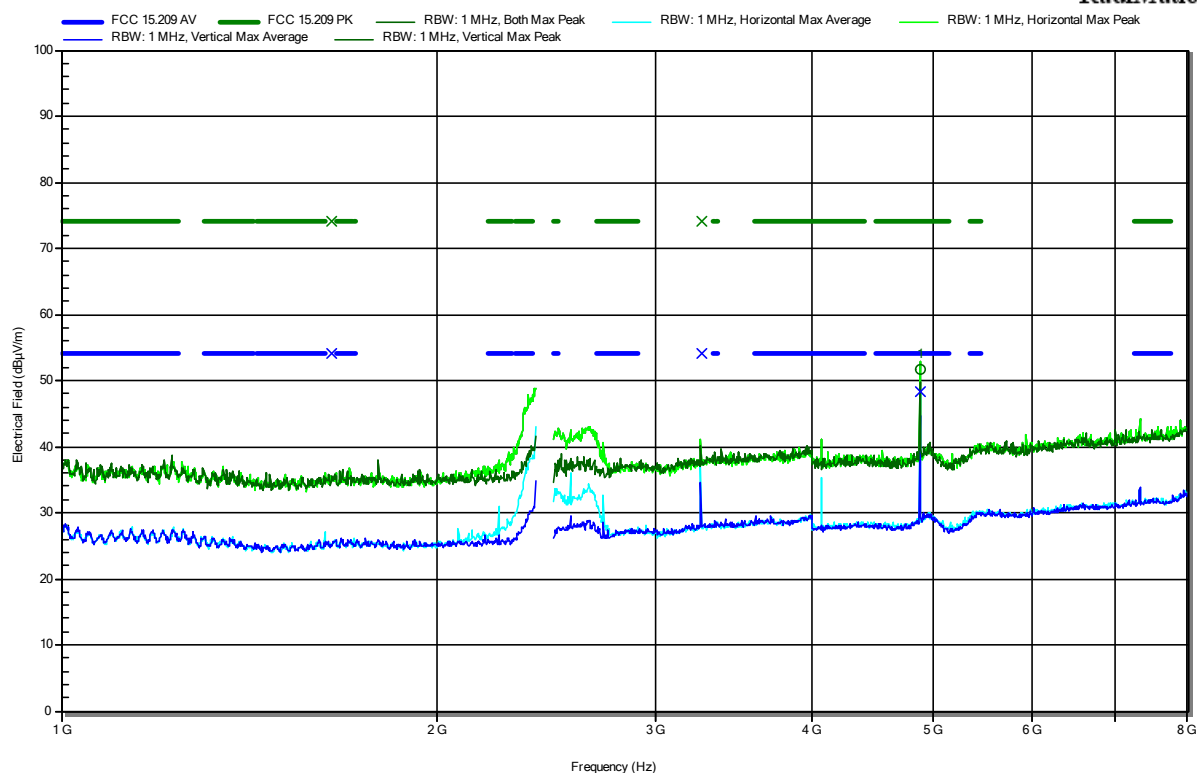
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; BLE; 2440 MHz; Coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-07
 Note:

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Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
4.88 GHz	51.61 dBµV/m	74 dBµV/m	-22.39 dB	Pass	Horizontal
Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
4.88 GHz	48.34 dBµV/m	54 dBµV/m	-5.66 dB	Pass	Horizontal

Test Report No.: G0M-2205-1454-TFC247BL-V02

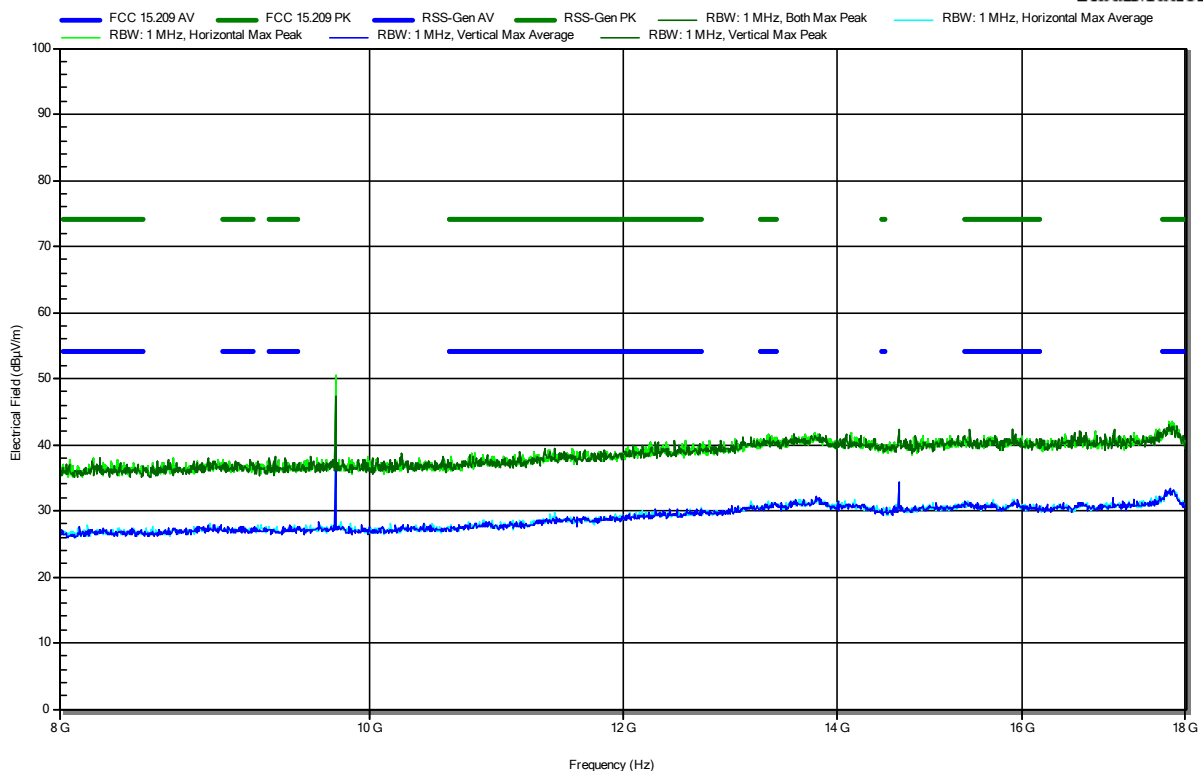
Eurofins Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; BLE; 2440 MHz; 1 Mbps; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-04
 Note:

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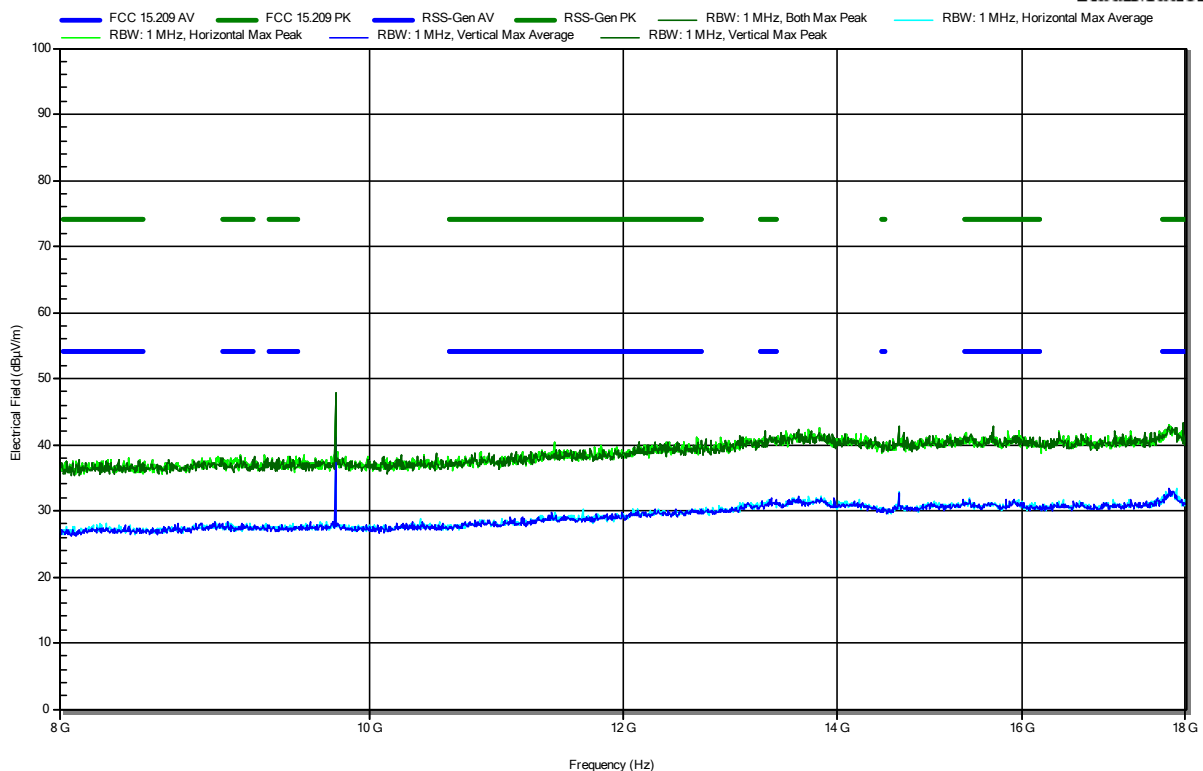


Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; BLE; 2440 MHz; coding S8; PBRS9, Power level 13; EUT vertical
 Test Date: 2022-11-07
 Note:

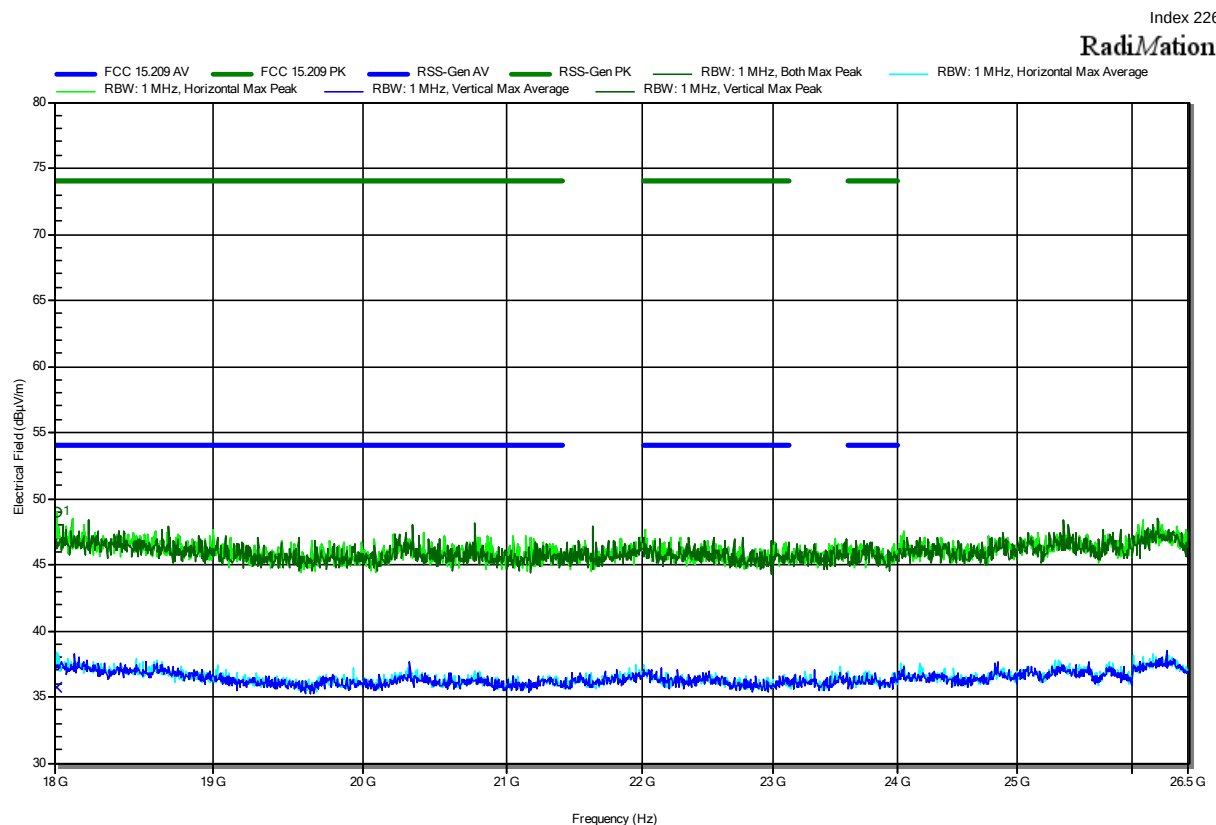
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Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560
 Measurement distance: 3 m
 Mode: Tx; BLE; 2440 MHz; coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-07
 Note:



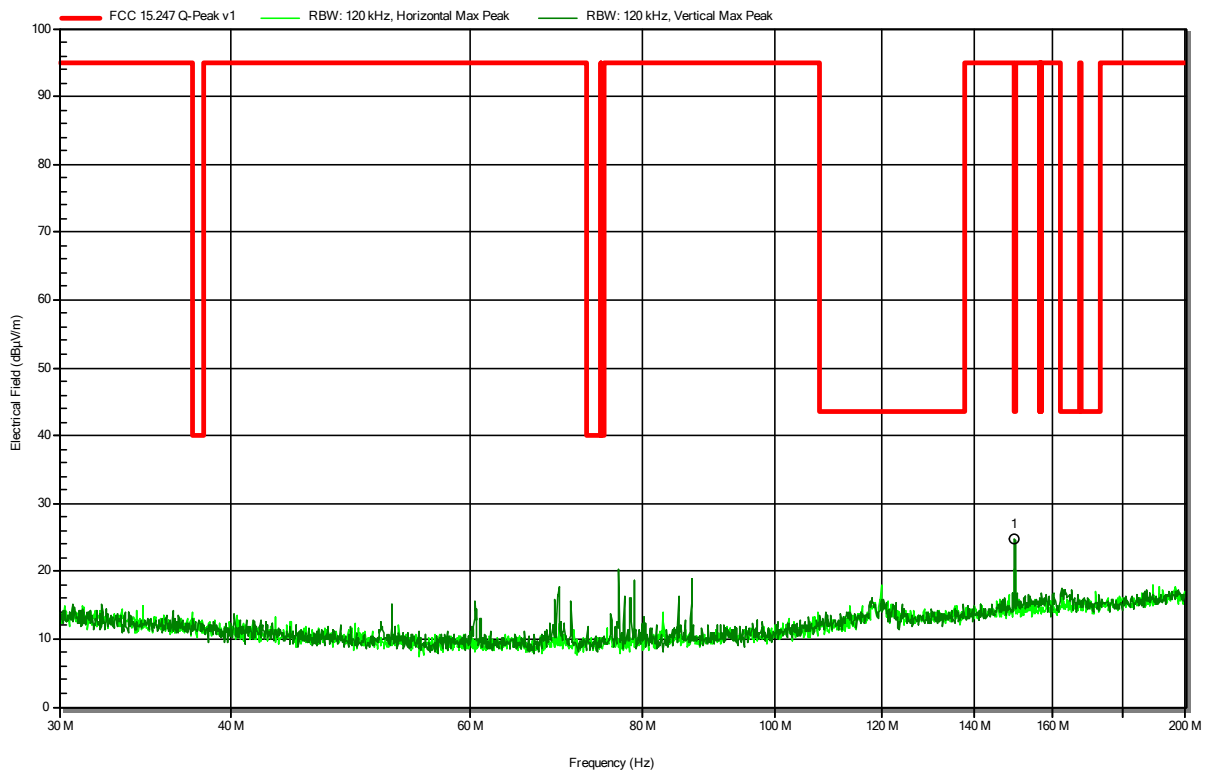
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
18.012 GHz	48.98 dBμV/m	74 dBμV/m	-25.02 dB	Pass	Horizontal
Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
18.012 GHz	35.75 dBμV/m	54 dBμV/m	-18.25 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Rohde & Schwarz HK 116
 Measurement distance: 3 m
 Mode: Tx; BLE; 2480 MHz; coding S8; PBRS9, Power level 13; EUT vertical
 Test Date: 2022-11-11
 Note:

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RadiMation



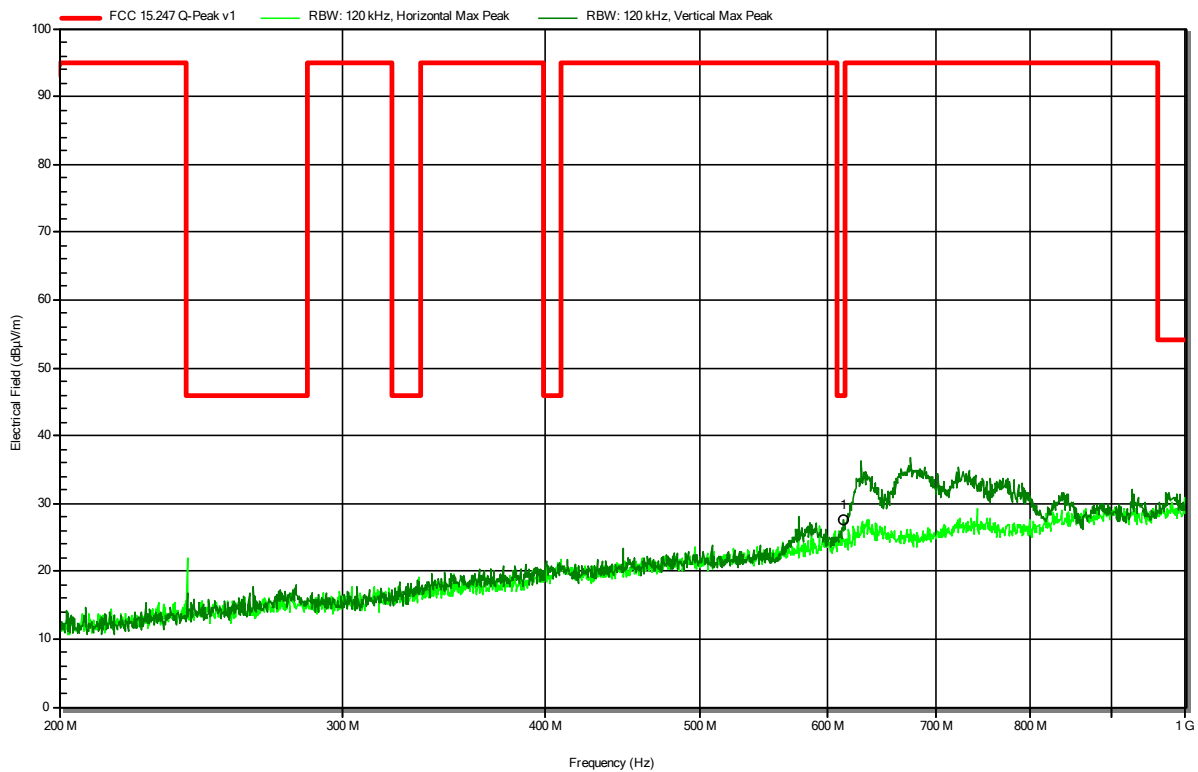
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
149.9945 MHz	24.7 dBµV/m	43.5 dBµV/m	-18.86 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Rohde & Schwarz HL 223
 Measurement distance: 3 m
 Mode: Tx; BLE; 2480 MHz; coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-11
 Note:

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RadiMation



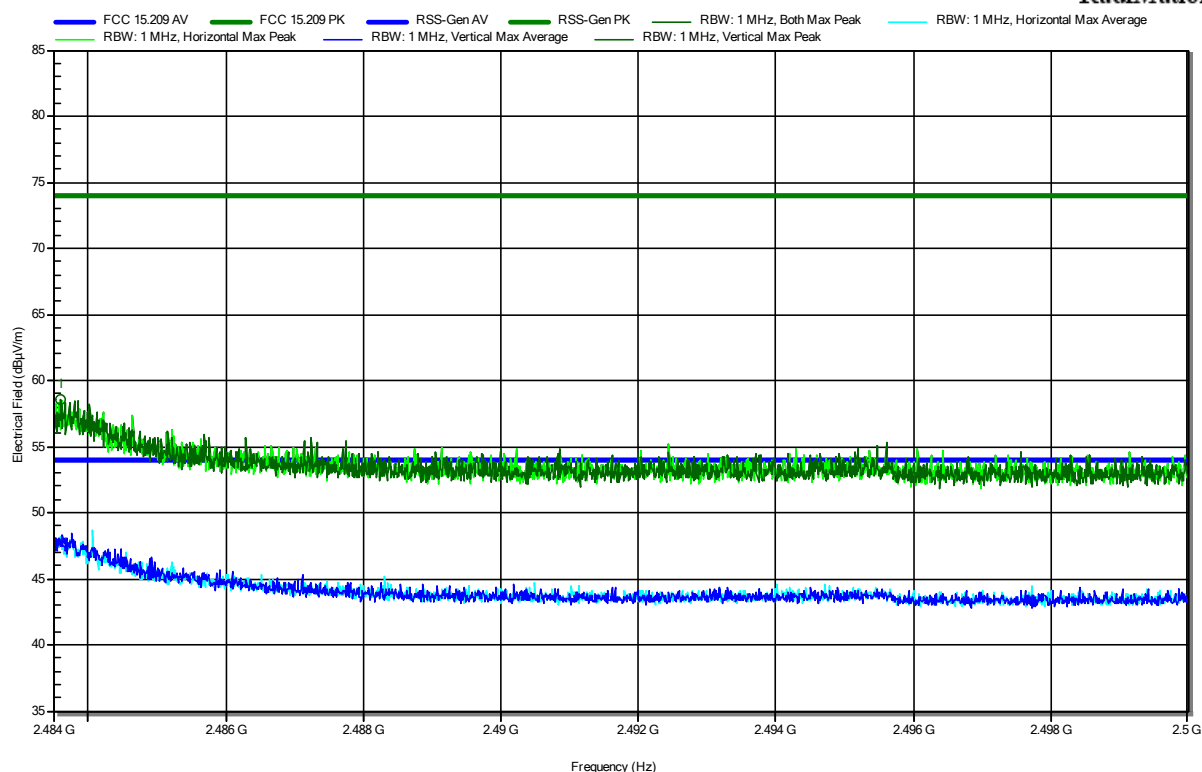
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
613.12 MHz	27.5 dBμV/m	46 dBμV/m	-18.52 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; BLE; 2480 MHz; 1 Mbps; PBR9, EUT vertical
 Test Date: 2022-11-04
 Note: upper bandedge

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RadiMation



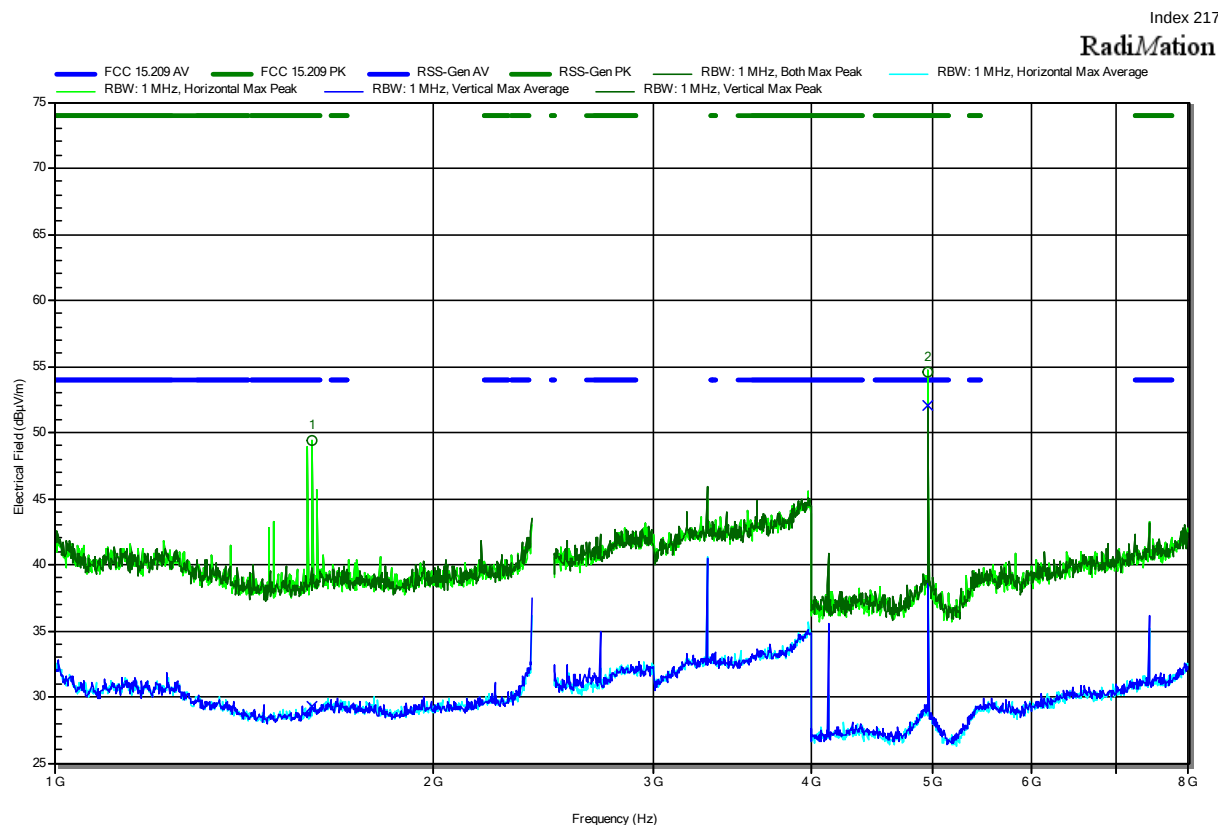
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.4836 GHz	58.57 dBµV/m	74 dBµV/m	-15.43 dB	Pass	Vertical
Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
2.4836 GHz	47.71 dBµV/m	54 dBµV/m	-6.29 dB	Pass	Vertical

Test Report No.: G0M-2205-1454-TFC247BL-V02

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

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; BLE; 2480 MHz; 1 Mbps; PBR9, EUT vertical
 Test Date: 2022-11-04
 Note:



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.604 GHz	49.38 dBµV/m	74 dBµV/m	-24.62 dB	Pass	Horizontal
4.96 GHz	54.6 dBµV/m	74 dBµV/m	-19.4 dB	Pass	Horizontal

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
1.604 GHz	29.32 dBµV/m	54 dBµV/m	-24.68 dB	Pass	Horizontal
4.96 GHz	52.05 dBµV/m	54 dBµV/m	-1.95 dB	Pass	Horizontal

Test Report No.: G0M-2205-1454-TFC247BL-V02

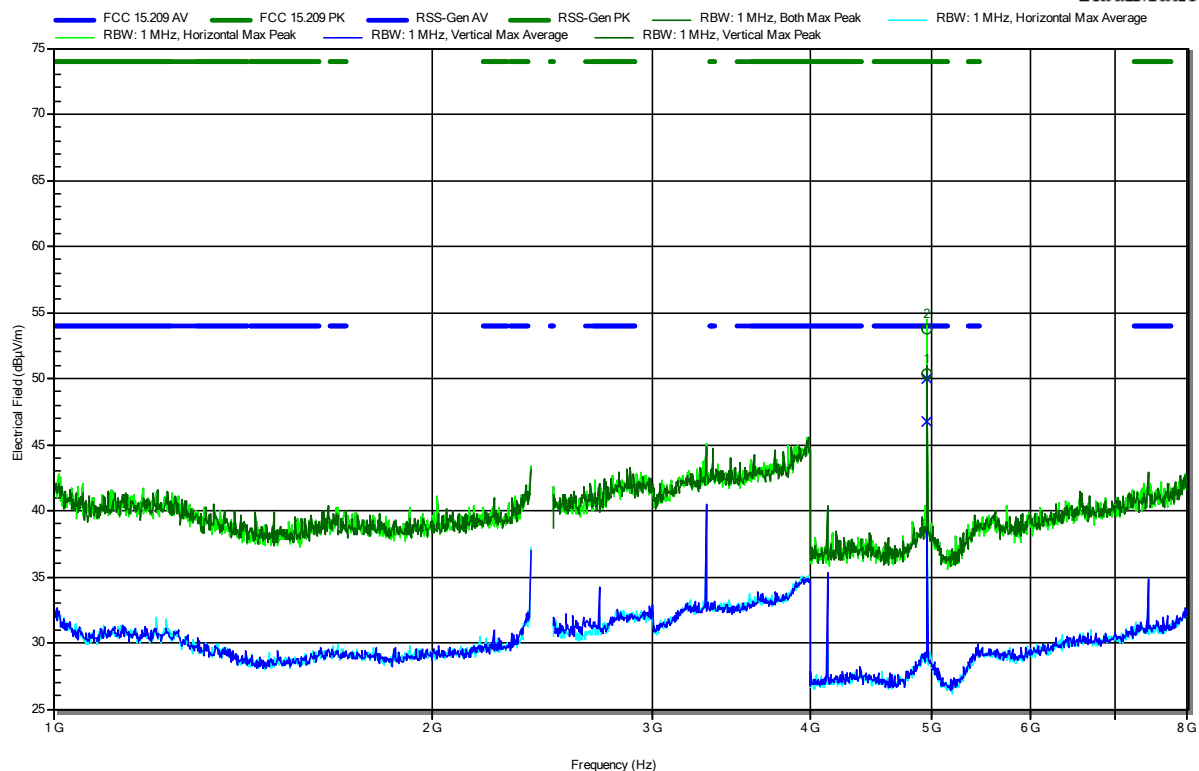
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; BLE; 2480 MHz; Coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-04
 Note:

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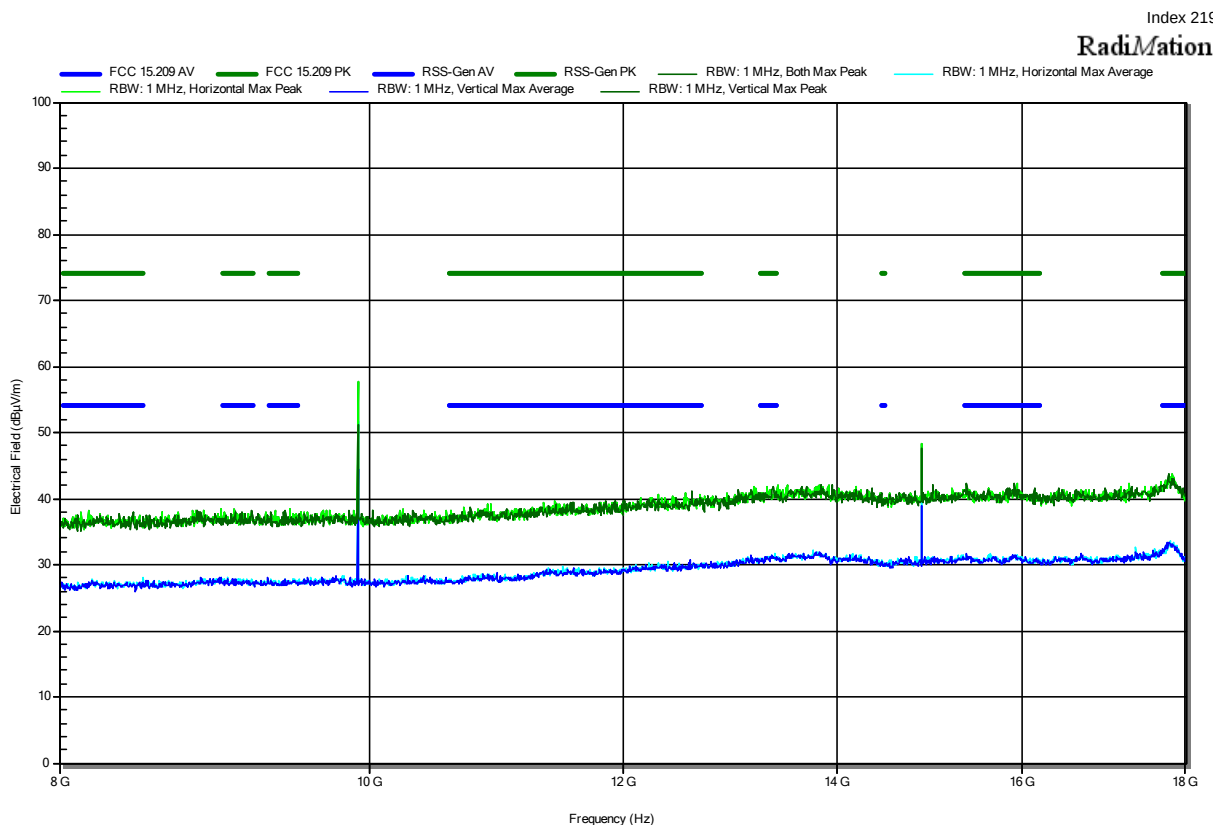


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
4.96 GHz	50.38 dBμV/m	74 dBμV/m	-23.62 dB	Pass	Vertical
4.96 GHz	53.7 dBμV/m	74 dBμV/m	-20.3 dB	Pass	Horizontal

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
4.96 GHz	46.8 dBμV/m	54 dBμV/m	-7.2 dB	Pass	Vertical
4.96 GHz	50.02 dBμV/m	54 dBμV/m	-3.98 dB	Pass	Horizontal

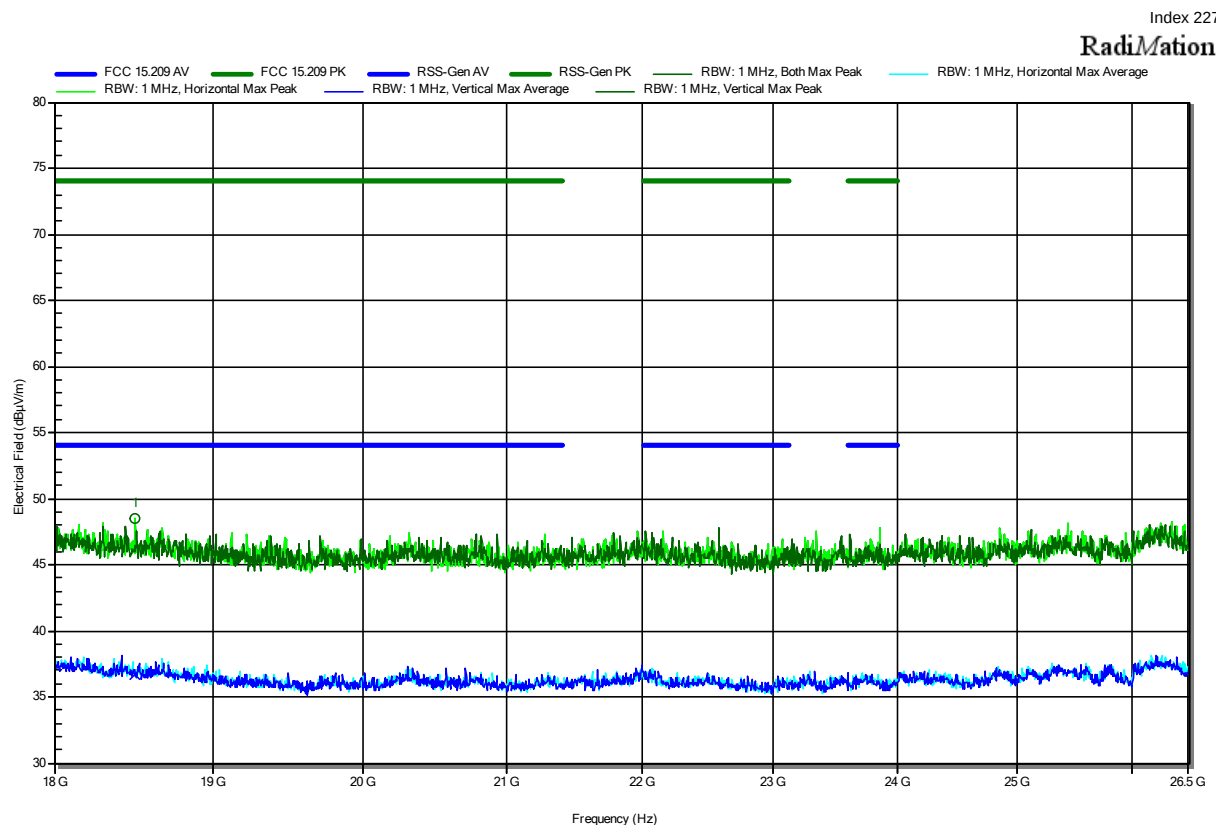
Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; BLE; 2480 MHz; Coding S8; PBRS9, Power level 13; EUT vertical
 Test Date: 2022-11-04
 Note:



Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: R. Jaafar
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560
 Measurement distance: 3 m
 Mode: Tx; BLE; 2480 MHz; coding S8; PBR9, Power level 13; EUT vertical
 Test Date: 2022-11-07
 Note:

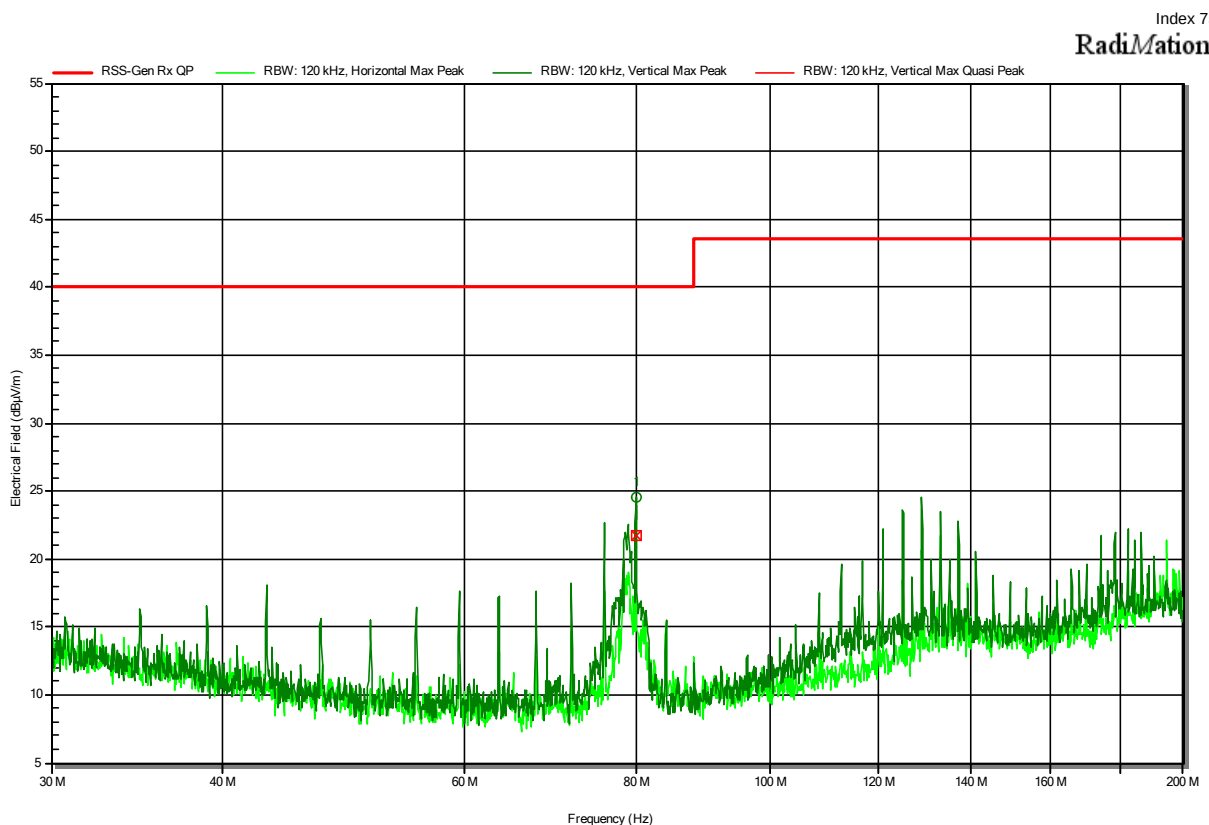


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
18.502 GHz	48.43 dBµV/m	74 dBµV/m	-25.57 dB	Pass	Horizontal
Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
18.502 GHz	36.65 dBµV/m	54 dBµV/m	-17.35 dB	Pass	Horizontal

ANNEX D Receiver spurious emissions for NORA-W101

Radiated Spurious Emissions according to RSS-247 Issue 2

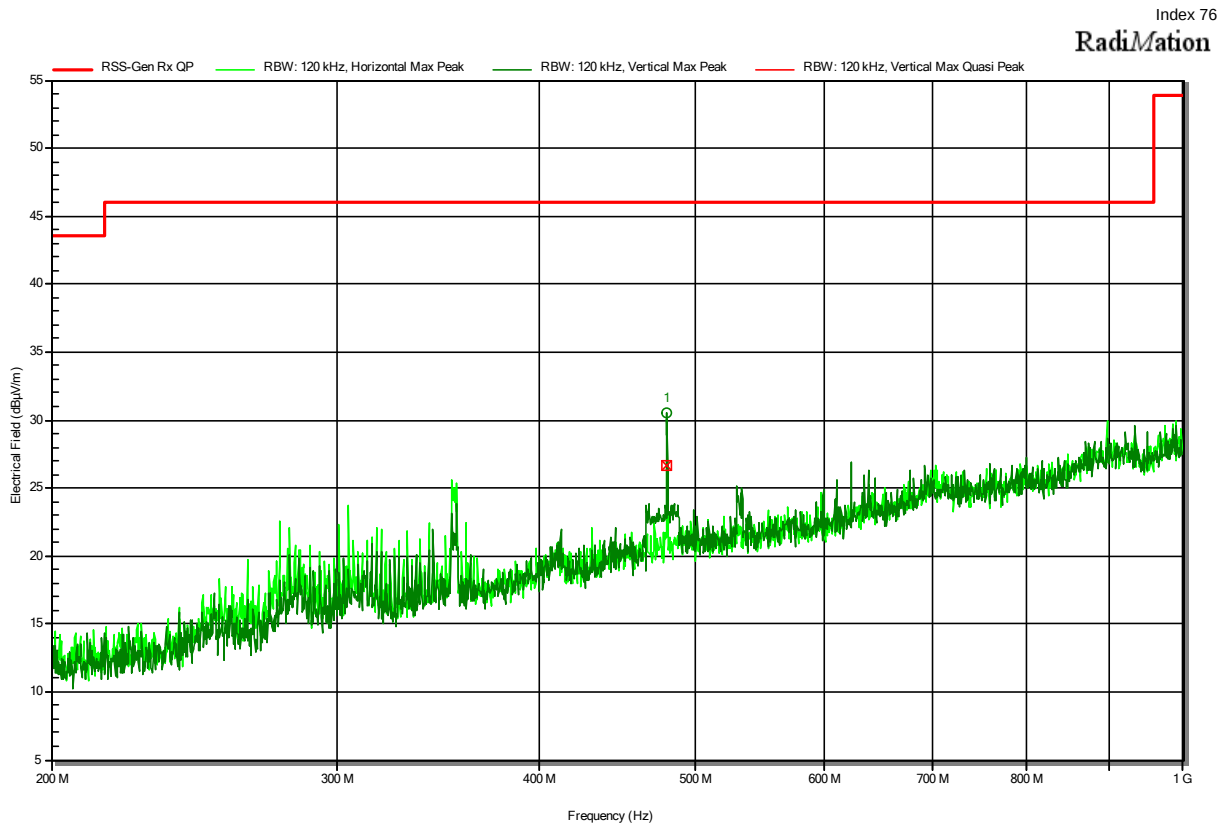
Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 40679
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 3.3 VDC
 Antenna: Rohde & Schwarz HK 116
 Measurement distance: 3 m
 Mode: Rx; LE, 2440 MHz, EUT vertical
 Test Date: 2022-08-22
 Note:



Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Polarization
79.8822 MHz	21.7 dBµV/m	40 dBµV/m	-18.32 dB	Pass	Vertical

Radiated Spurious Emissions according to RSS-247 Issue 2

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 40679
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 3.3 VDC
 Antenna: Rohde & Schwarz HL 223
 Measurement distance: 3 m
 Mode: Rx; LE, 2440 MHz, EUT vertical
 Test Date: 2022-08-22
 Note:



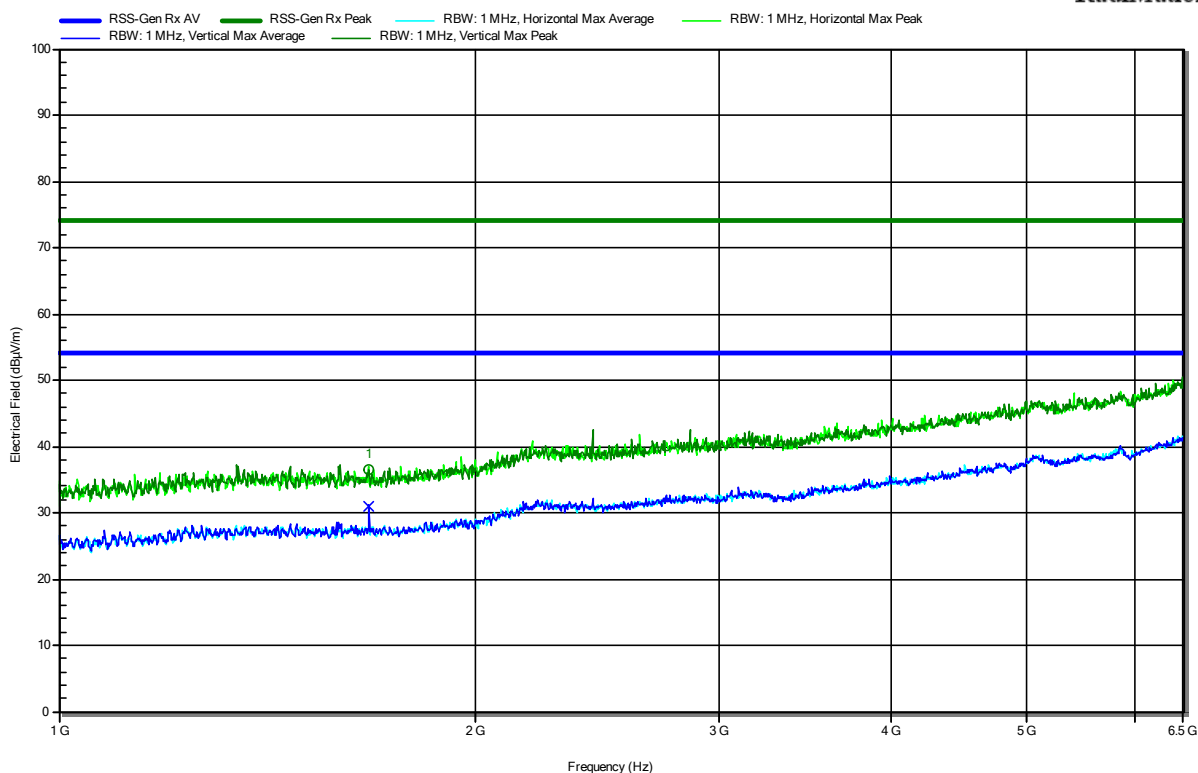
Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Polarization
480 MHz	26.6 dBµV/m	46 dBµV/m	-19.4 dB	Pass	Vertical

Radiated Spurious Emissions according to RSS-247 Issue 2

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 40679
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Rx; LE, 2440 MHz, EUT vertical
 Test Date: 2022-08-23
 Note:

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RadiMation



Frequency 1.675 GHz	Peak 36.58 dBμV/m	Peak Limit 74 dBμV/m	Peak Difference -37.42 dB	Peak Status Pass	Polarization Vertical
Frequency 1.675 GHz	Average 31.08 dBμV/m	Average Limit 53.98 dBμV/m	Average Difference -22.9 dB	Average Status Pass	Polarization Vertical

Test Report No.: G0M-2205-1454-TFC247BL-V02

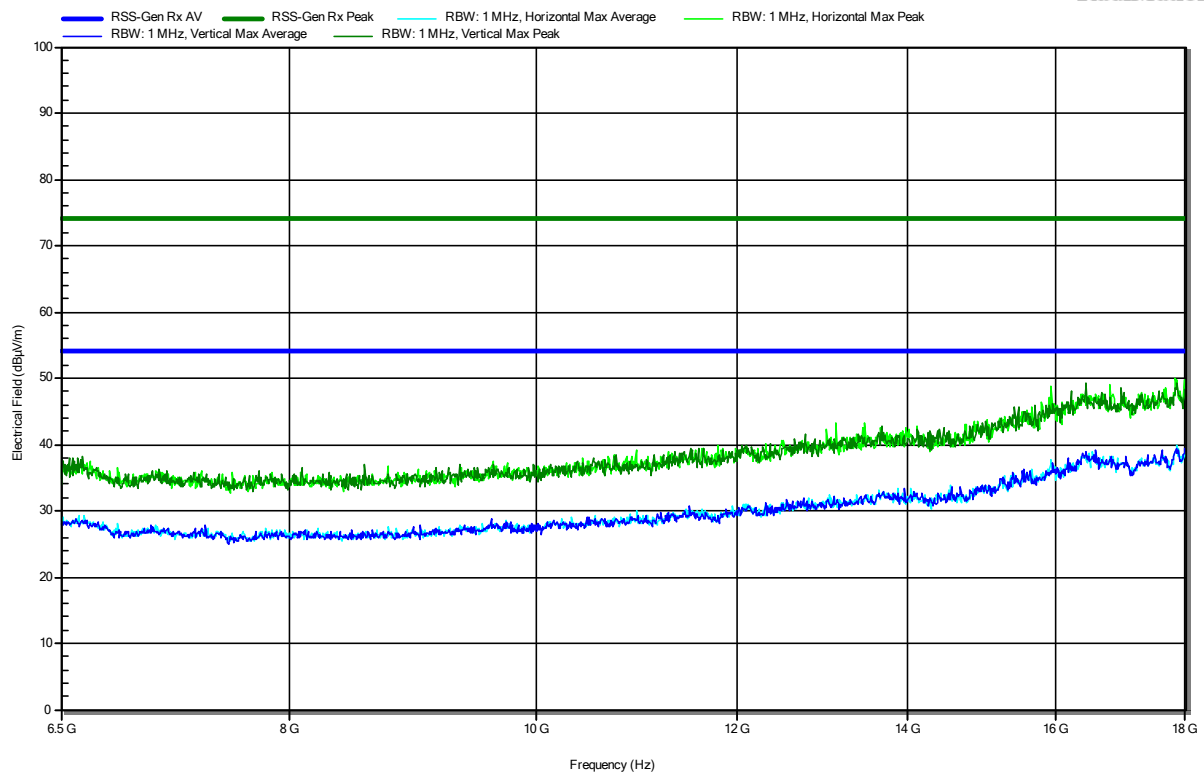
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to RSS-247 Issue 2

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 40679
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Rx; LE, 2440 MHz, EUT vertical
 Test Date: 2022-08-23
 Note:

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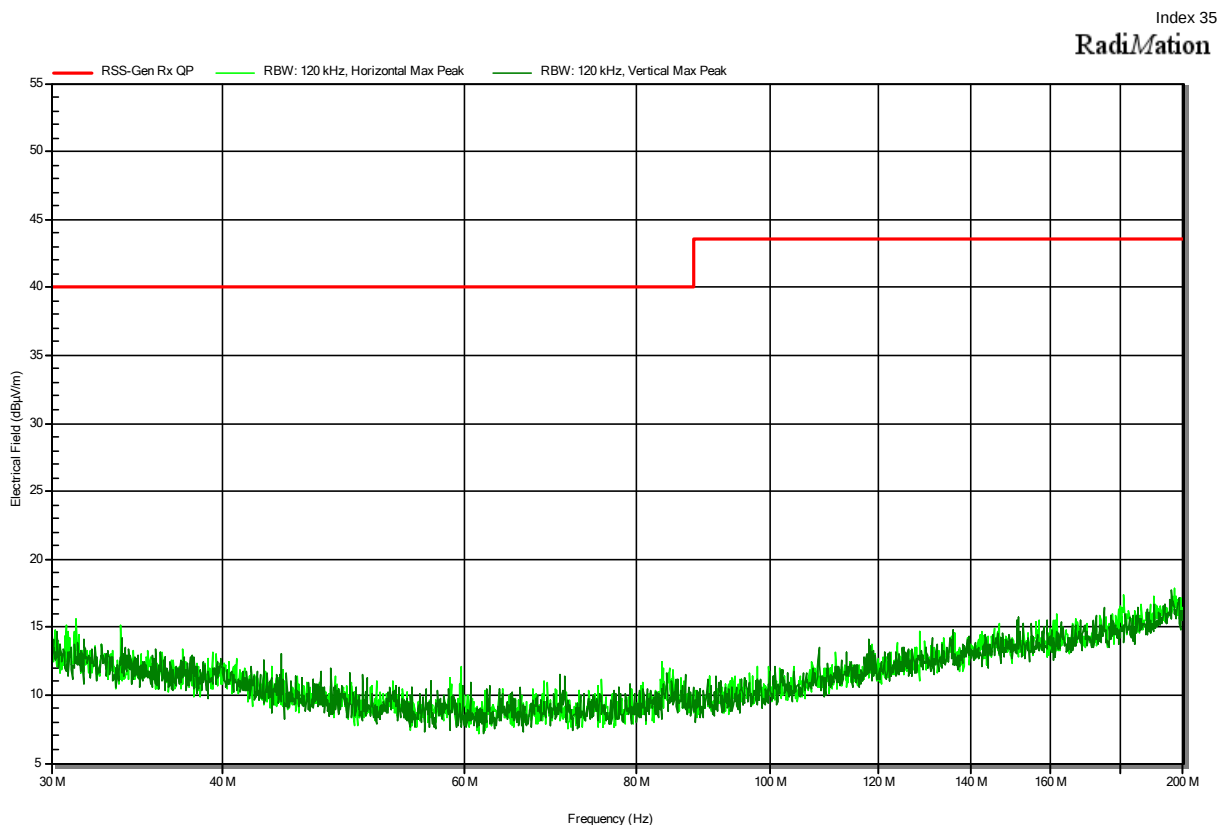
RadiMation



ANNEX E Receiver spurious emissions (Additionally tested variant 1)

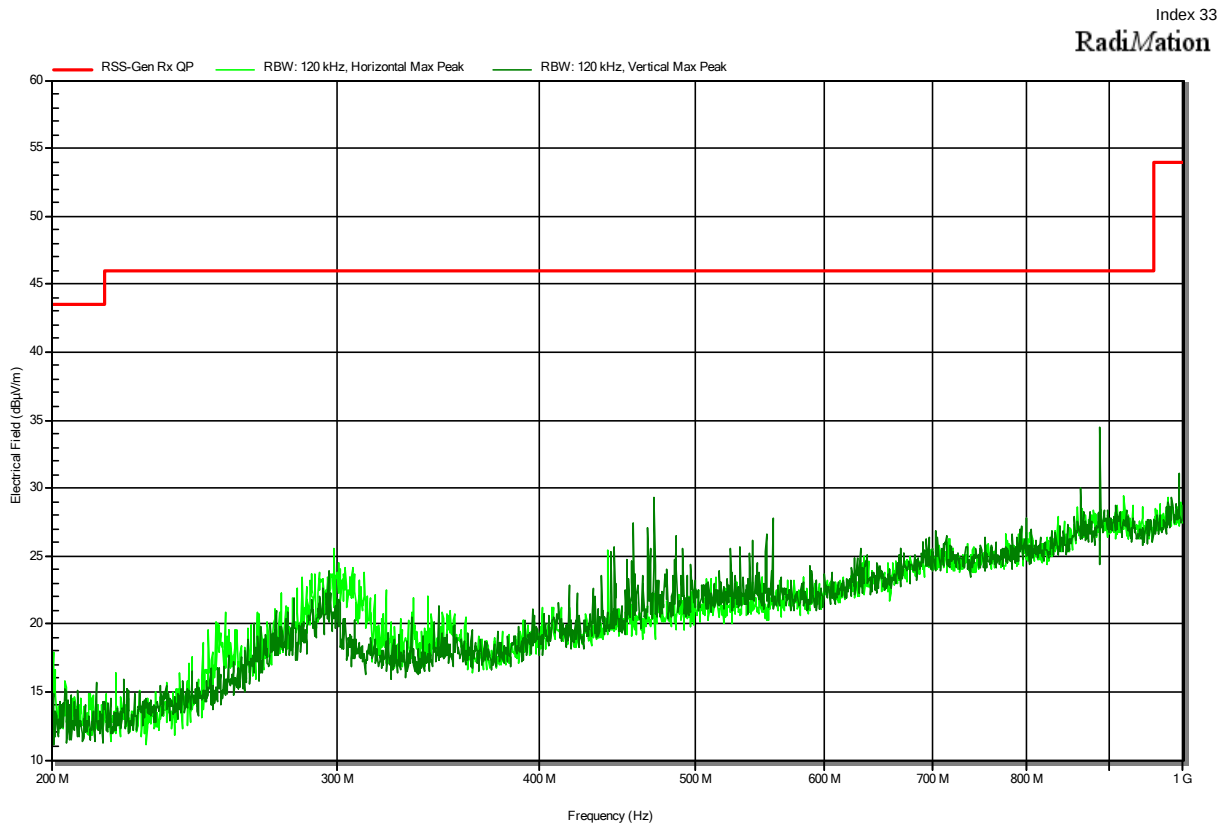
Radiated Spurious Emissions according to RSS-247 Issue 2

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W106
 Test Sample ID: 40680
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 3.3 VDC
 Antenna: Rohde & Schwarz HK 116
 Measurement distance: 3 m
 Mode: Rx; LE, 2440 MHz, 1 Mbps, EUT horizontal
 Test Date: 2022-08-03
 Note:



Radiated Spurious Emissions according to RSS-247 Issue 2

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W106
 Test Sample ID: 40680
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 23 °Celsius, Vnom: 3.3 VDC
 Antenna: Rohde & Schwarz HL 223
 Measurement distance: 3 m
 Mode: Rx; LE, 2440 MHz, 1 Mbps, EUT horizontal
 Test Date: 2022-08-03
 Note:

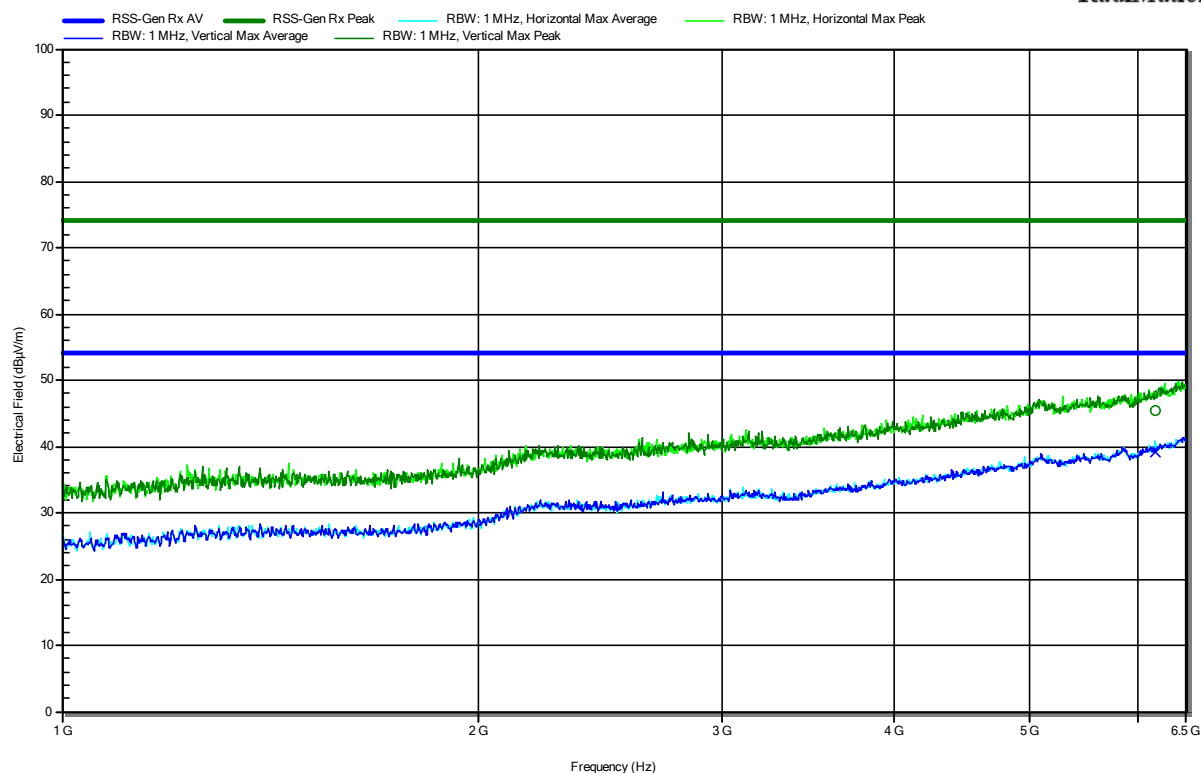


Radiated Spurious Emissions according to RSS-247 Issue 2

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W106
 Test Sample ID: 40680
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Rx; LE, 2440 MHz, EUT horizontal
 Test Date: 2022-08-23
 Note:

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RadiMation



Frequency 6.172 GHz	Peak 45.51 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -28.49 dB	Peak Status Pass	Polarization Vertical
Frequency 6.172 GHz	Average 39.07 dBµV/m	Average Limit 53.98 dBµV/m	Average Difference -14.91 dB	Average Status Pass	Polarization Vertical

Test Report No.: G0M-2205-1454-TFC247BL-V02

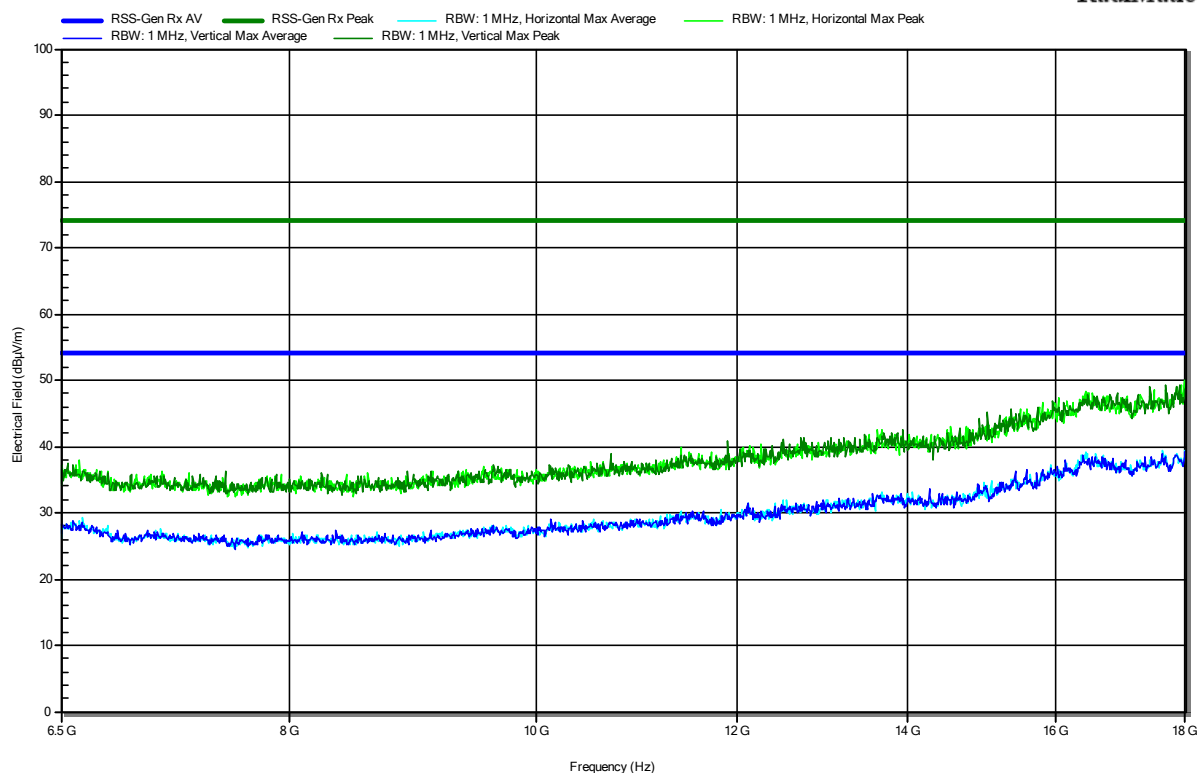
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to RSS-247 Issue 2

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W106
 Test Sample ID: 40680
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Rx; LE, 2440 MHz, EUT horizontal
 Test Date: 2022-08-23
 Note:

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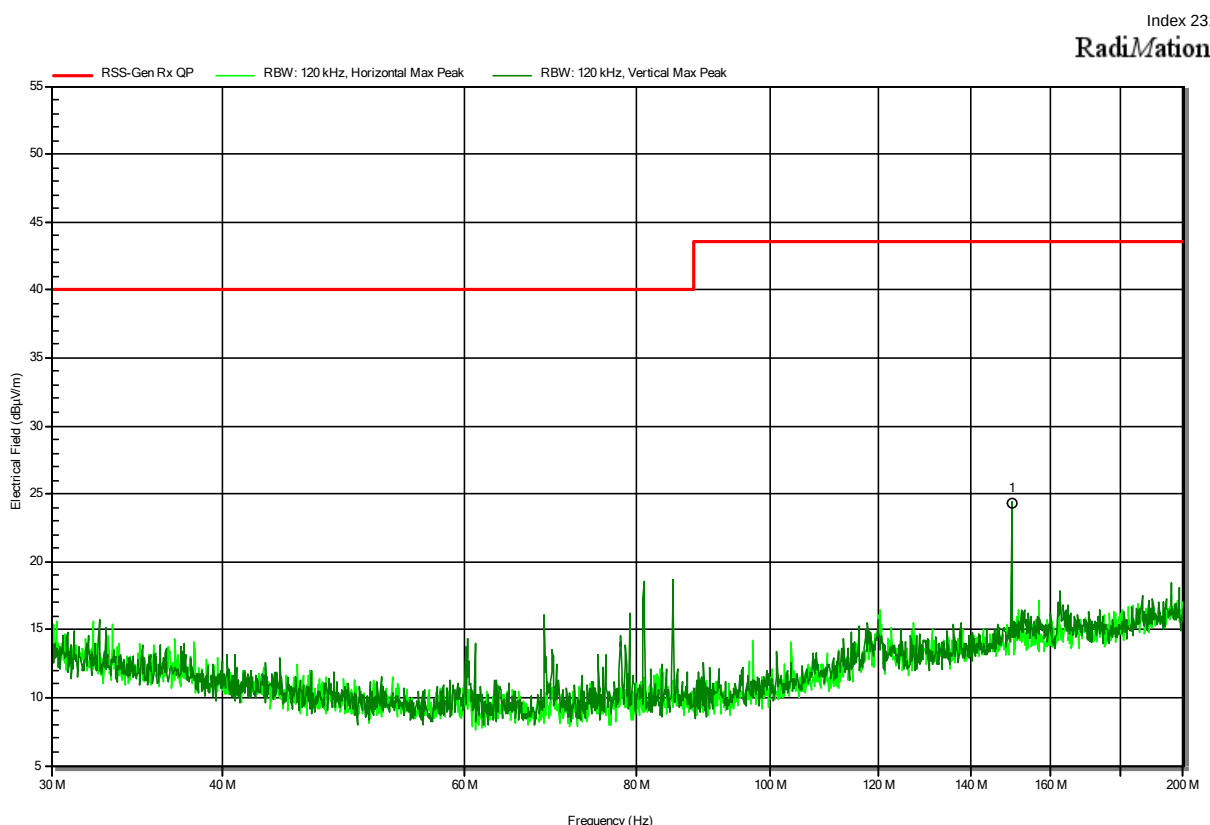
RadiMation



ANNEX F Receiver spurious emissions (Tested variant 2)

Radiated Spurious Emissions according to RSS-247, RSS-Gen Issue 5

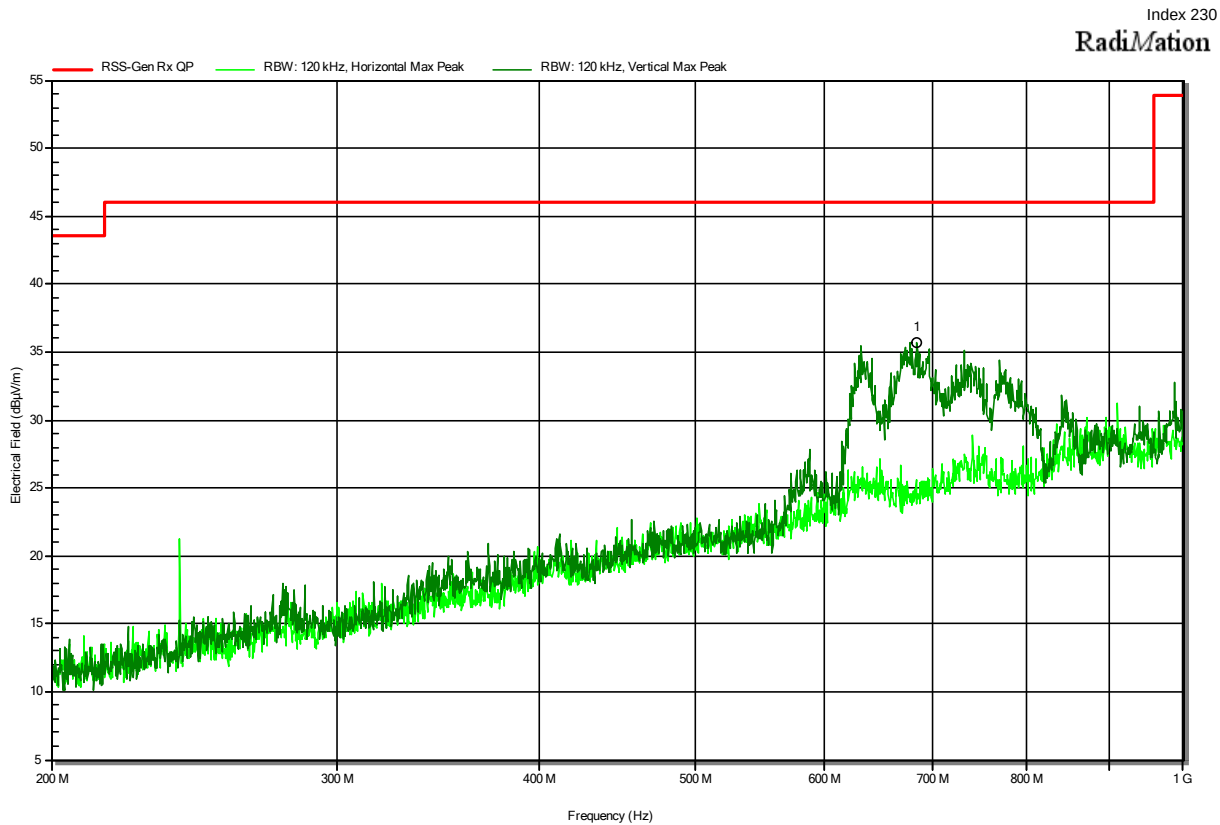
Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Rohde & Schwarz HK 116
 Measurement distance: 3 m
 Mode: Rx; BLE; 2440 MHz
 Test Date: 2022-11-11
 Note:



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
150.0243 MHz	24.3 dBµV/m	43.5 dBµV/m	-19.19 dB	Pass	Vertical

Radiated Spurious Emissions according to RSS-247, RSS-Gen Issue 5

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Rohde & Schwarz HL 223
 Measurement distance: 3 m
 Mode: Rx; BLE; 2440 MHz
 Test Date: 2022-11-11
 Note:



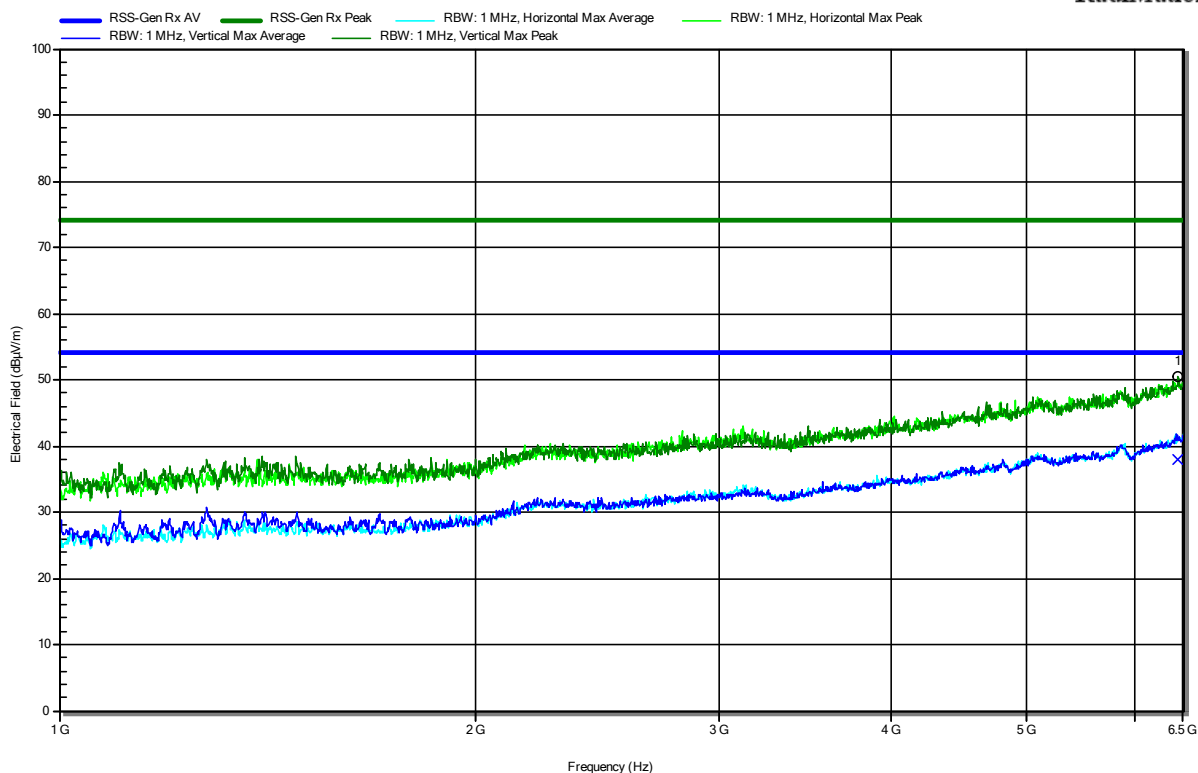
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
684.88 MHz	35.7 dBµV/m	46 dBµV/m	-10.28 dB	Pass	Vertical

Radiated Spurious Emissions according to RSS-247, RSS-Gen Issue 5

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Rx; BLE; 2440 MHz
 Test Date: 2022-11-11
 Note:

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RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
6.442 GHz	50.38 dBµV/m	74 dBµV/m	-23.62 dB	Pass	Vertical
Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
6.442 GHz	37.89 dBµV/m	53.98 dBµV/m	-16.09 dB	Pass	Vertical

Test Report No.: G0M-2205-1454-TFC247BL-V02

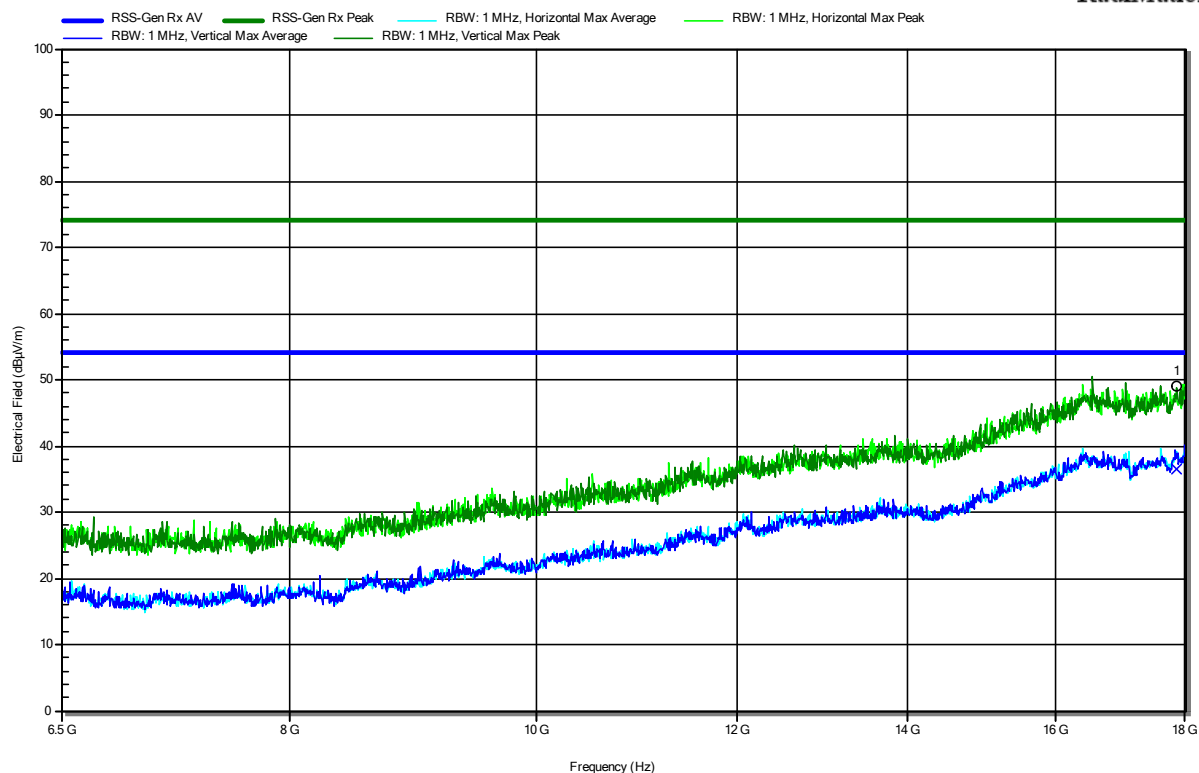
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to RSS-247, RSS-Gen Issue 5

Project Number: G0M-2205-1454
 Applicant: u-blox AG
 Model Description: Stand-alone multiradio module
 Model: NORA-W101
 Test Sample ID: 41947
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Qawasmeh
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Rx; BLE; 2440 MHz
 Test Date: 2022-11-11
 Note:

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RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
17.86 GHz	49.08 dBµV/m	74 dBµV/m	-24.92 dB	Pass	Vertical
Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
17.86 GHz	36.51 dBµV/m	53.98 dBµV/m	-17.47 dB	Pass	Vertical

=== END OF TEST REPORT ===

Test Report No.: G0M-2205-1454-TFC247BL-V02

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