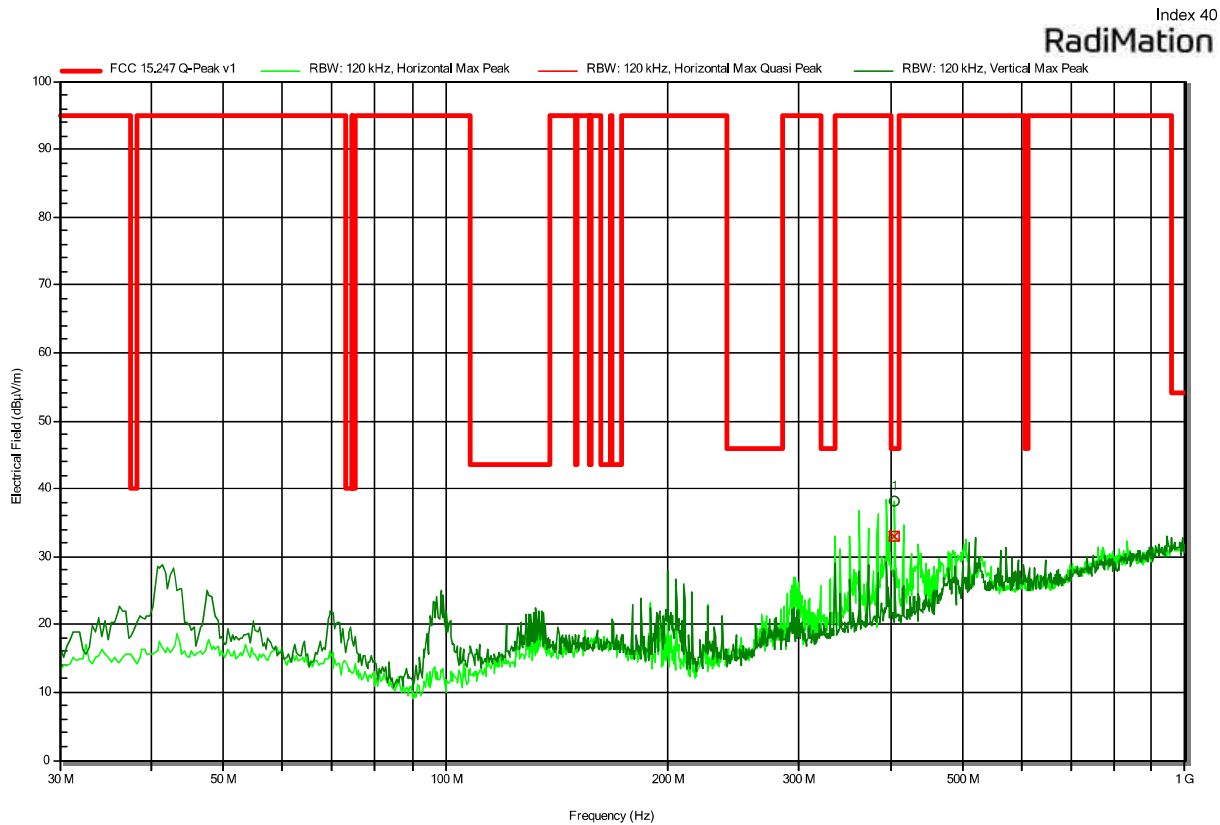


Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2023.2.6
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2475 MHz_Tx
 Test Date: 2024-06-20



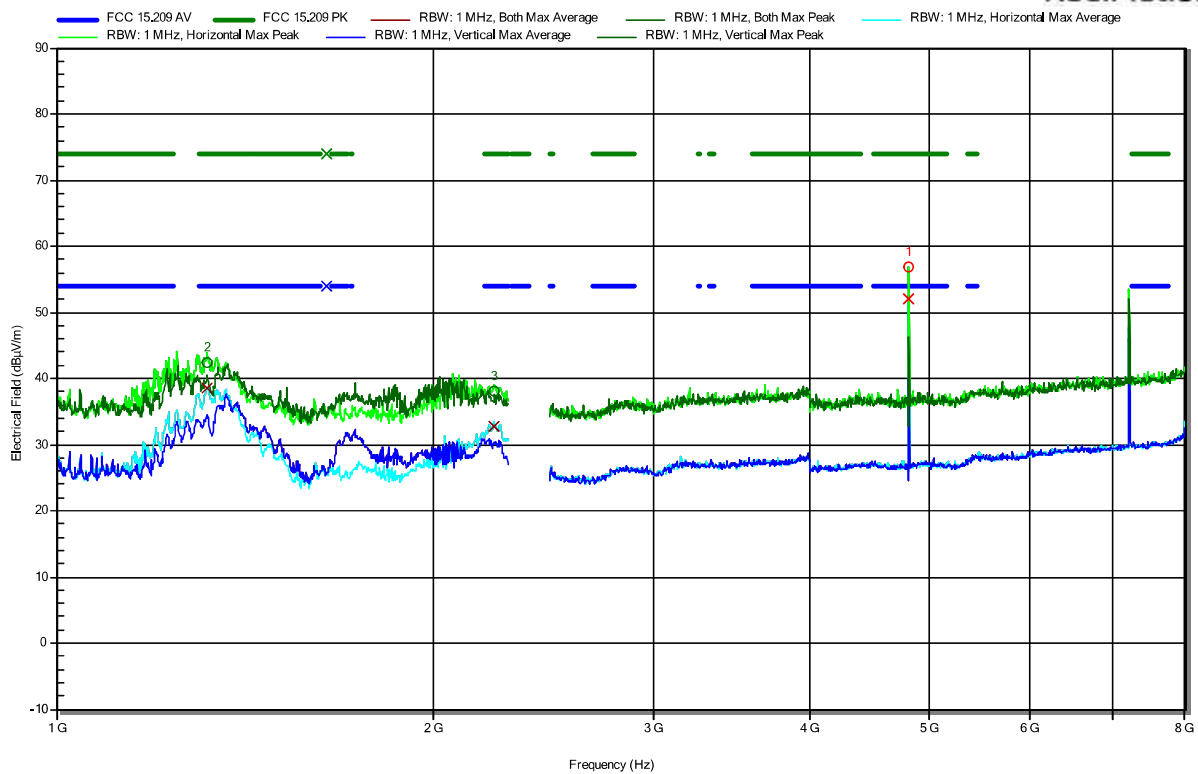
Peak Number	Frequency (MHz)	Quasi-Peak (dBµV/m)	Quasi-Peak Limit (dBµV/m)	Quasi-Peak Difference (dB)	Quasi-Peak Status	Polarization
1	404.3366	33	46	-13.04	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2405 MHz_Tx
 Test Date: 2024-06-17

Index 30

RadiMation



Peak Number	Frequency (MHz)	Peak (dBμV/m)	Peak Limit (dBμV/m)	Peak Difference (dB)	Peak Status	Polarization
1	4811.0062	56.79	74	-17.21	Pass	Horizontal
2	1318.8467	42.39	74	-31.61	Pass	Horizontal
3	2236.95	38.17	74	-35.83	Pass	Horizontal

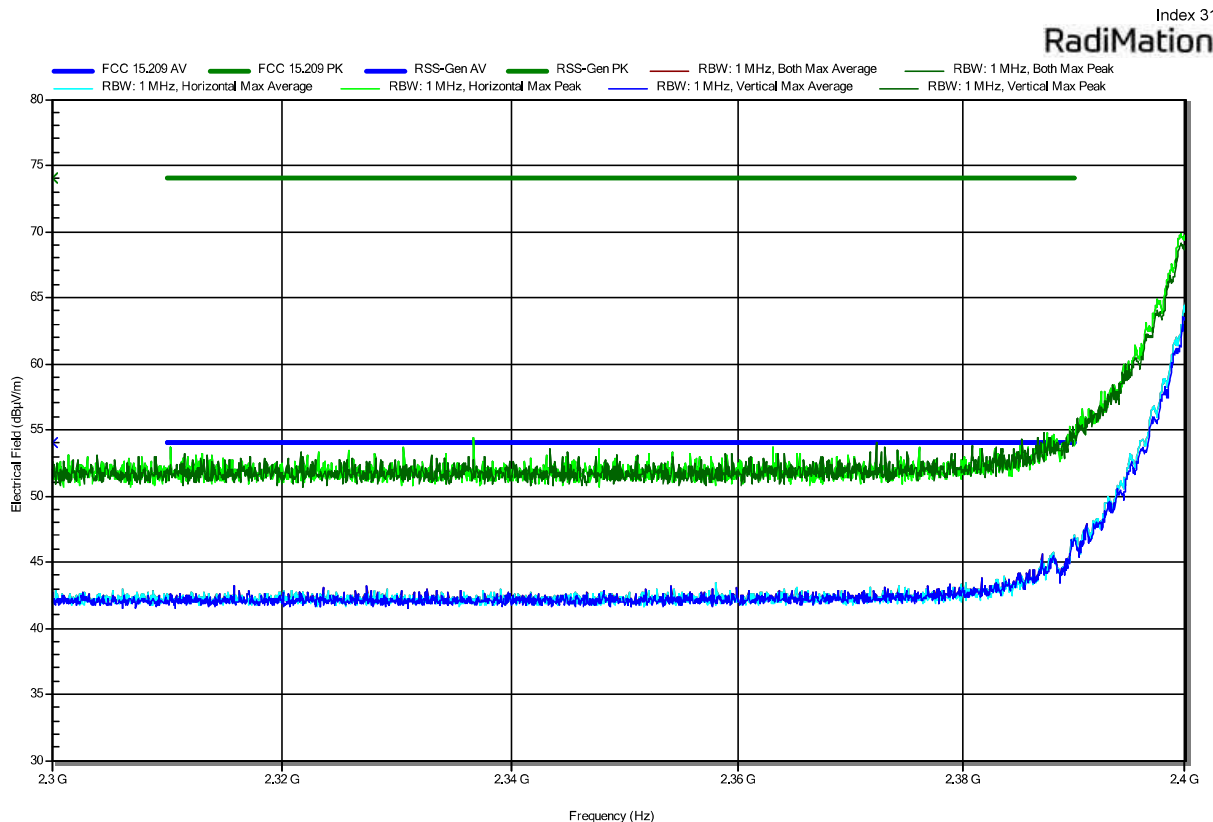
Peak Number	Frequency (MHz)	Average (dBμV/m)	Average Limit (dBμV/m)	Average Difference (dB)	Average Status	Polarization
1	4811.0062	52.07	54	-1.93	Pass	Horizontal
2	1318.8467	38.62	54	-15.38	Pass	Horizontal
3	2236.95	32.7	54	-21.3	Pass	Horizontal

Test Report No.: G0M-2403-2508-TFC247ZB-V01

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

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2405 MHz_Tx
 Test Date: 2024-06-17
 Note: lower bandedge

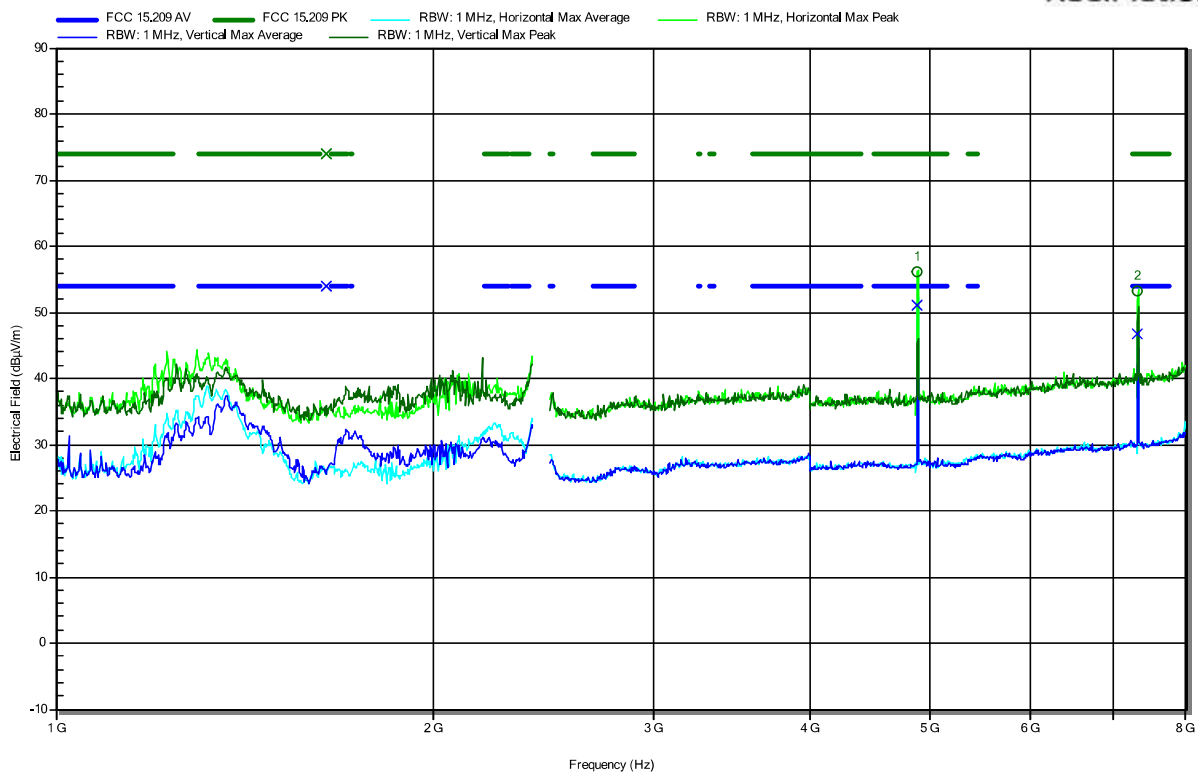


Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibrahimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2440 MHz_Tx
 Test Date: 2024-06-17

Index 29

RadiMation



Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Peak Difference (dB)	Peak Status	Polarization
1	4881.0293	56.01	74	-17.99	Pass	Horizontal
2	7321.6	53.16	74	-20.84	Pass	Horizontal

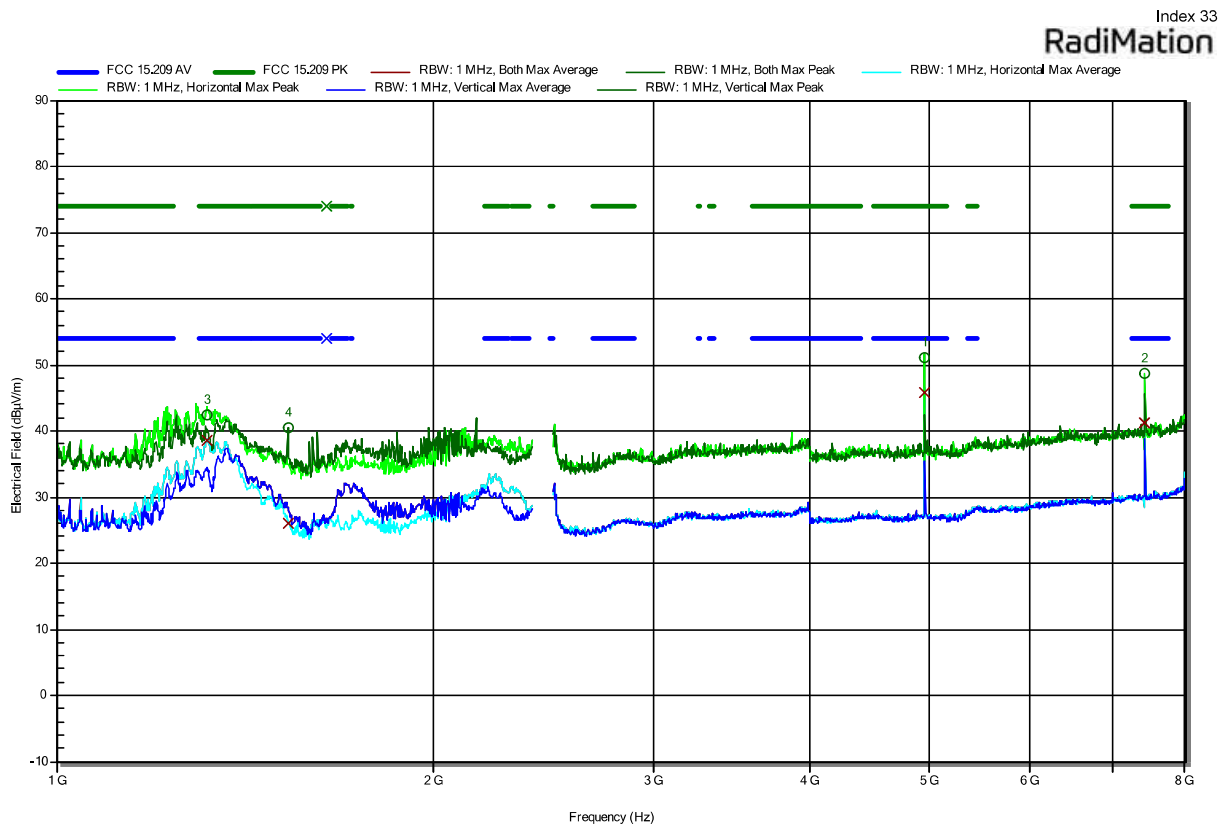
Peak Number	Frequency (MHz)	Average (dBµV/m)	Average Limit (dBµV/m)	Average Difference (dB)	Average Status	Polarization
1	4881.0293	51.09	54	-2.91	Pass	Horizontal
2	7321.6	46.63	54	-7.37	Pass	Horizontal

Test Report No.: G0M-2403-2508-TFC247ZB-V01

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

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2475 MHz_Tx
 Test Date: 2024-06-17



Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Peak Difference (dB)	Peak Status	Polarization
1	4951.0028	51.14	74	-22.86	Pass	Horizontal
2	7423.4168	48.6	74	-25.4	Pass	Horizontal
3	1318.9667	42.41	74	-31.59	Pass	Horizontal
4	1531.1133	40.55	74	-33.45	Pass	Vertical

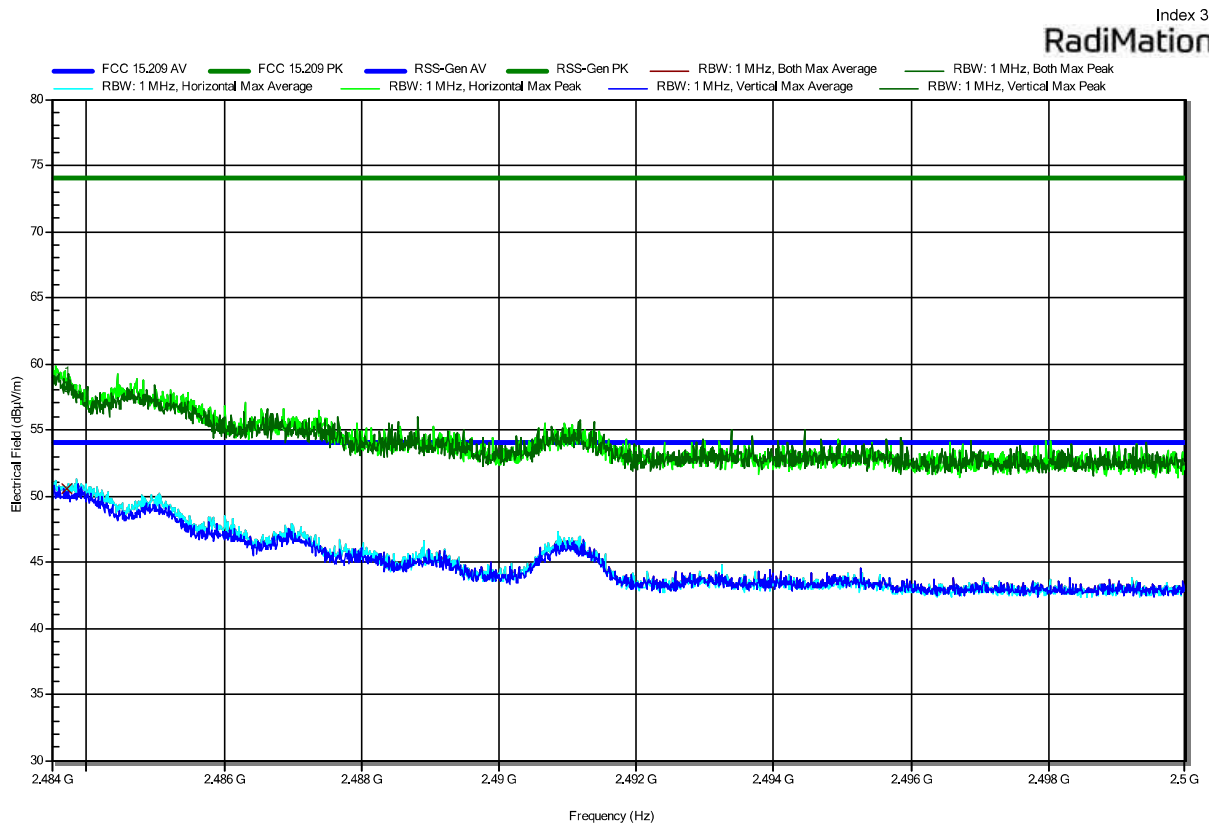
Peak Number	Frequency (MHz)	Average (dBµV/m)	Average Limit (dBµV/m)	Average Difference (dB)	Average Status	Polarization
1	4951.0028	45.72	54	-8.28	Pass	Horizontal
2	7423.4168	41.19	54	-12.81	Pass	Horizontal
3	1318.9667	38.5	54	-15.5	Pass	Horizontal
4	1531.1133	25.98	54	-28.02	Pass	Vertical

Test Report No.: G0M-2403-2508-TFC247ZB-V01

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

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2475 MHz_Tx
 Test Date: 2024-06-17
 Note: upper bandedge



Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Peak Difference (dB)	Peak Status	Polarization
1	2483.7189	58.2	74	-15.8	Pass	Horizontal

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average Limit (dBµV/m)	Average Difference (dB)	Average Status	Polarization
1	2483.7189	50.49	54	-3.51	Pass	Horizontal

Test Report No.: G0M-2403-2508-TFC247ZB-V01

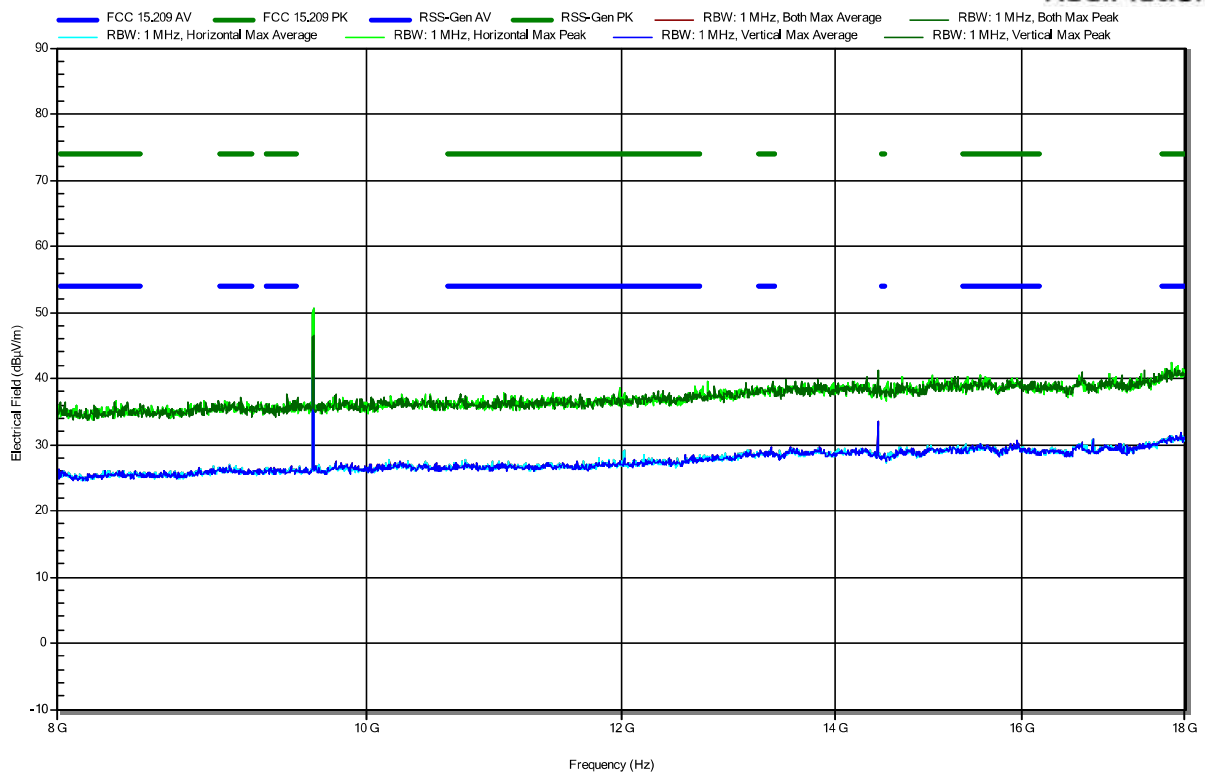
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2405 MHz_Tx
 Test Date: 2024-06-17

Index 36

RadiMation

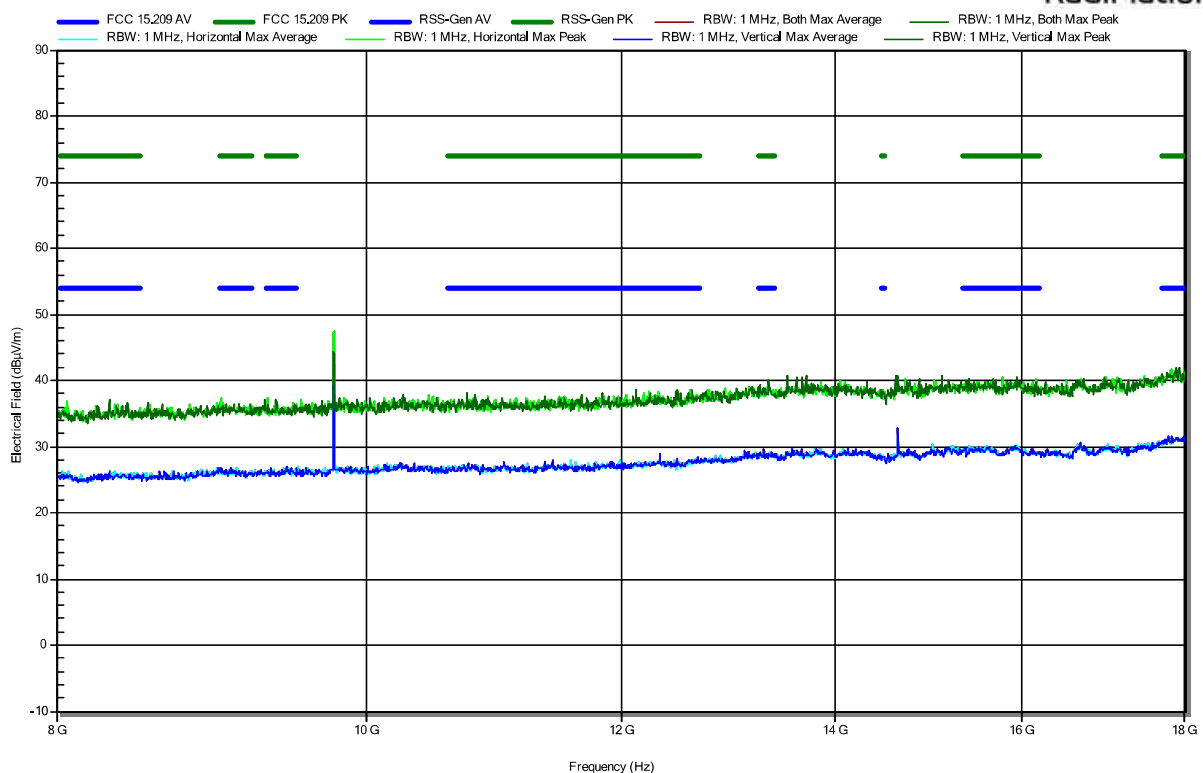


Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2440 MHz_Tx
 Test Date: 2024-06-17

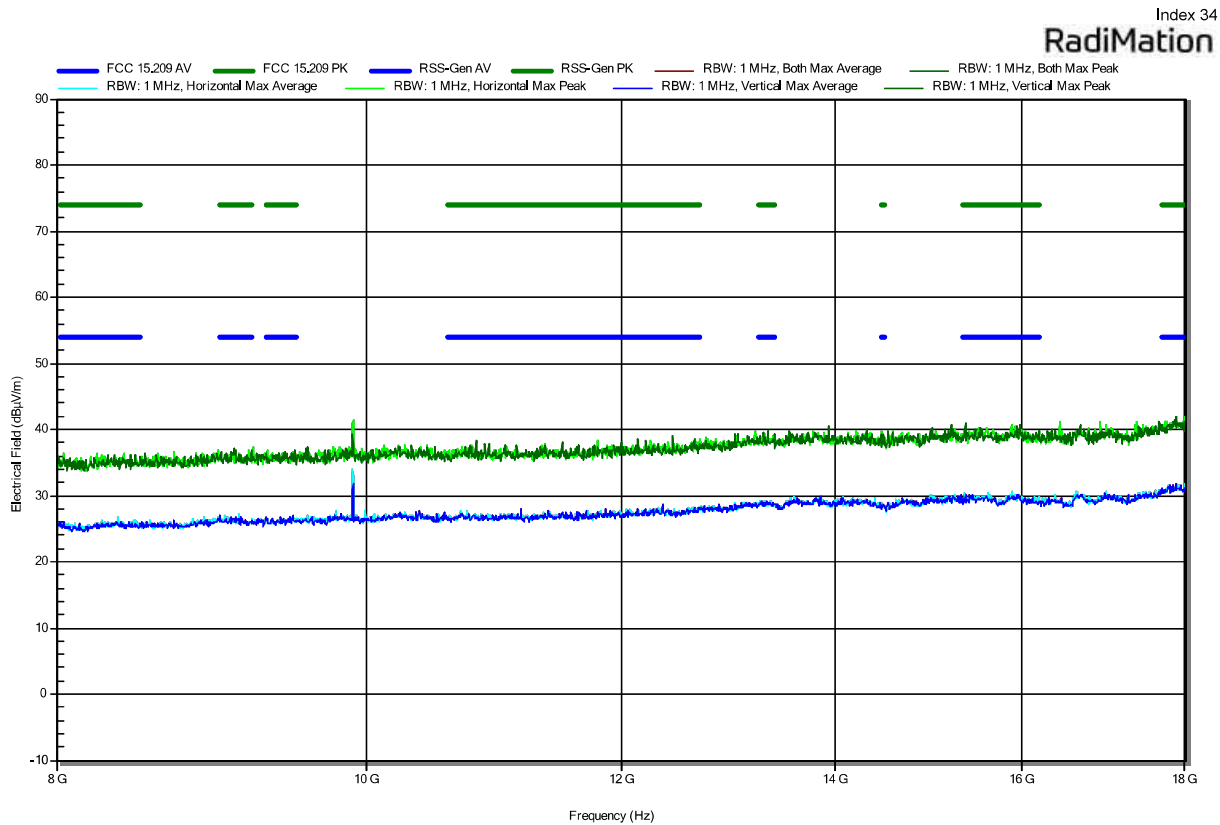
Index 35

RadiMation



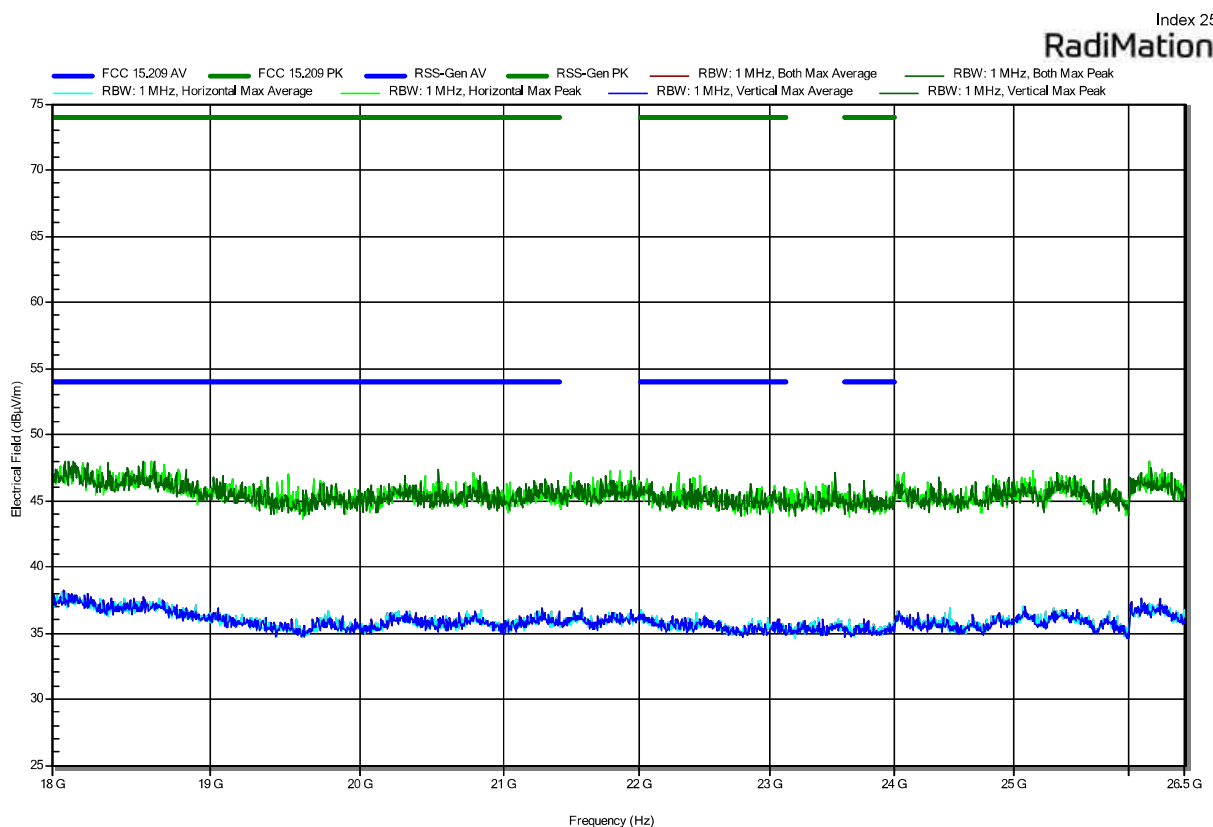
Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2475 MHz_Tx
 Test Date: 2024-06-17



Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Amplifier Research AT4560
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2405 MHz_Tx
 Test Date: 2024-06-17

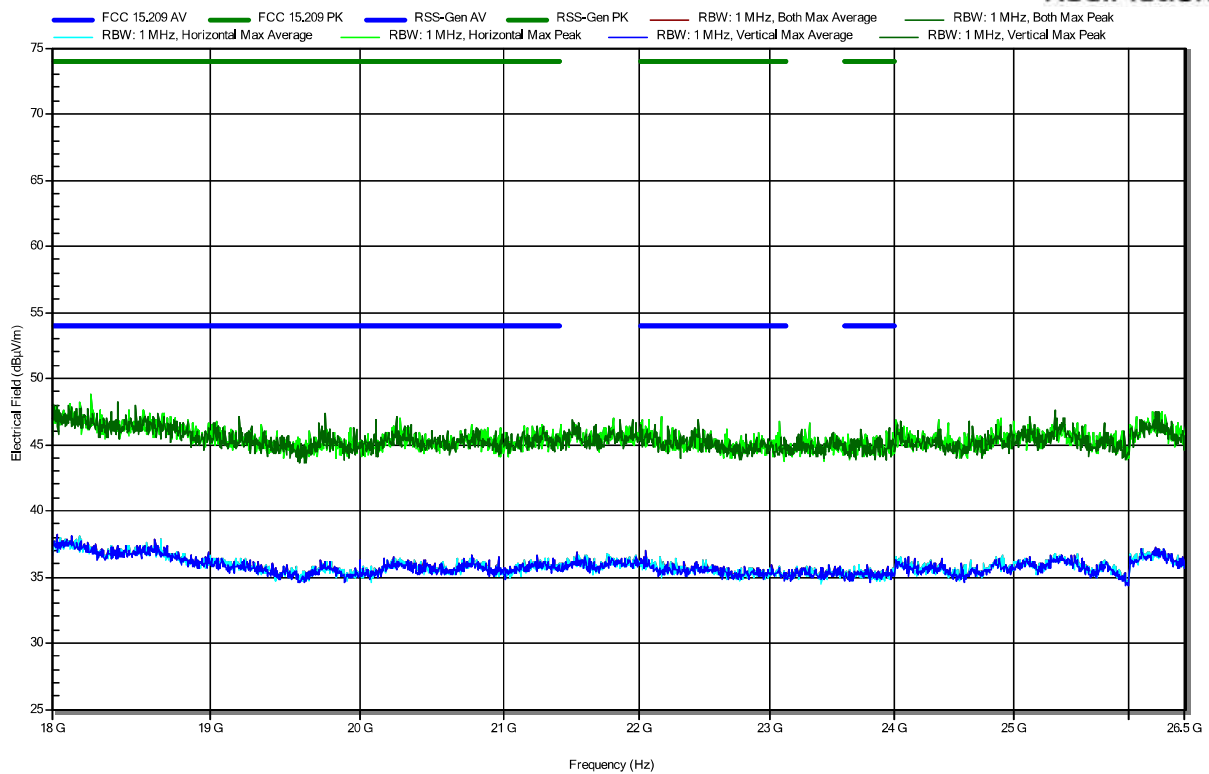


Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Amplifier Research AT4560
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2440 MHz_Tx
 Test Date: 2024-06-17

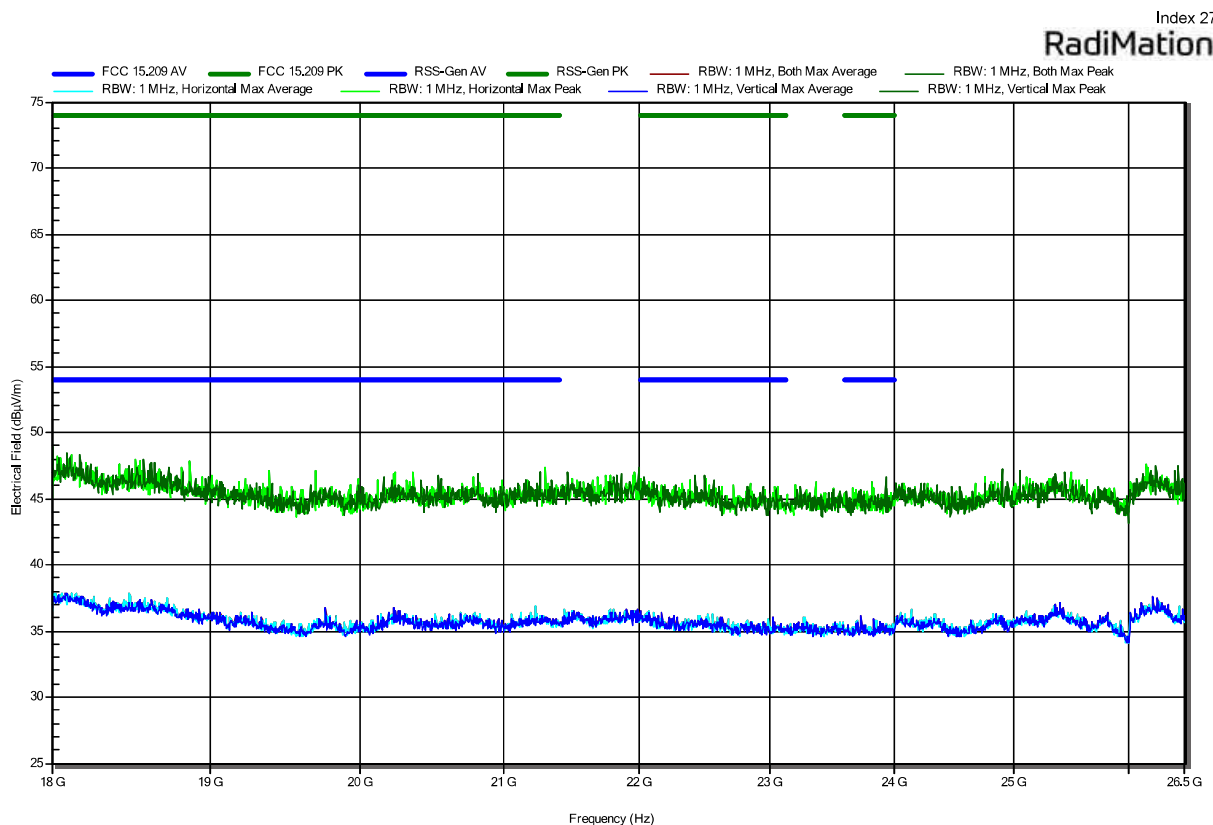
Index 26

RadiMation



Radiated Spurious Emissions according to 47 CFR Part 15.247

Project Number: G0M-2403-2508
 Applicant: Jungheinrich AG
 Model Description: UWB-Location-System
 Model: 52445052, Truck Tag
 Test Sample ID: 48551
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Ibraimov
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 24 V DC
 Antenna: Amplifier Research AT4560
 Measurement distance: 3 m
 Mode: Tx; 802.15.4_2475 MHz_Tx
 Test Date: 2024-06-17



=== End of test report ===