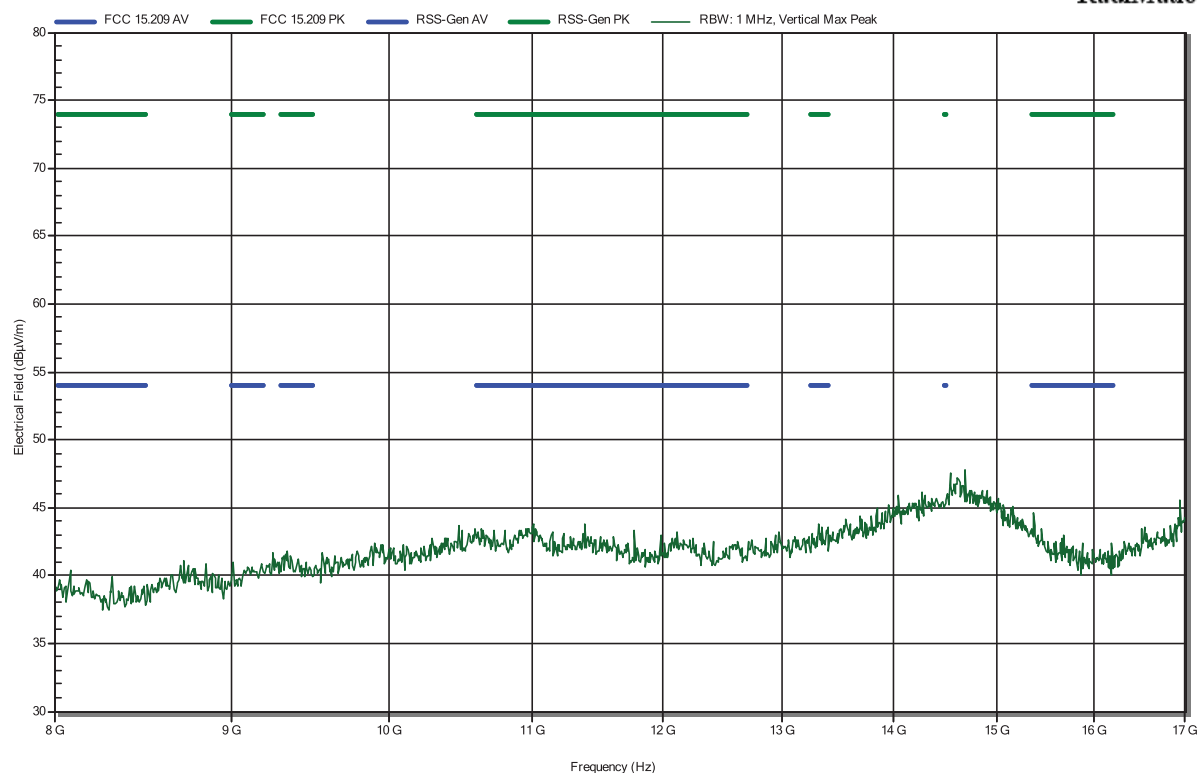


Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

Index 38

RadiMation

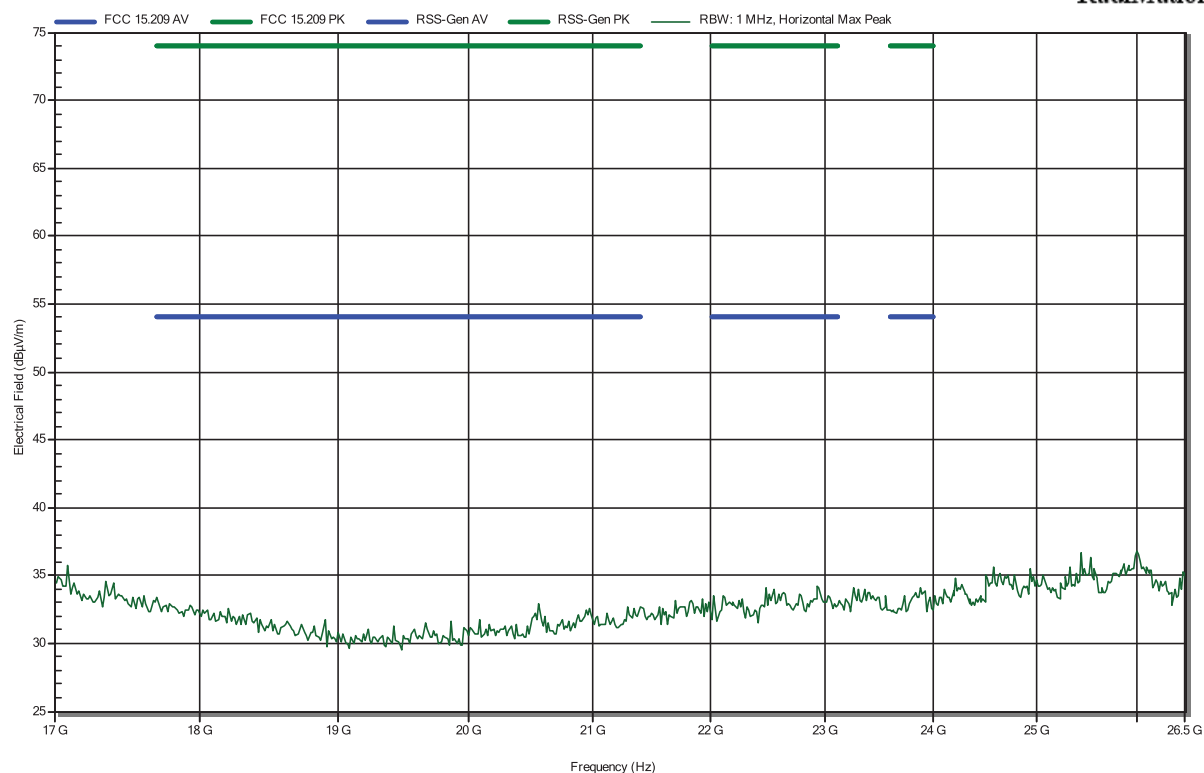


Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

Index 34

RadiMation

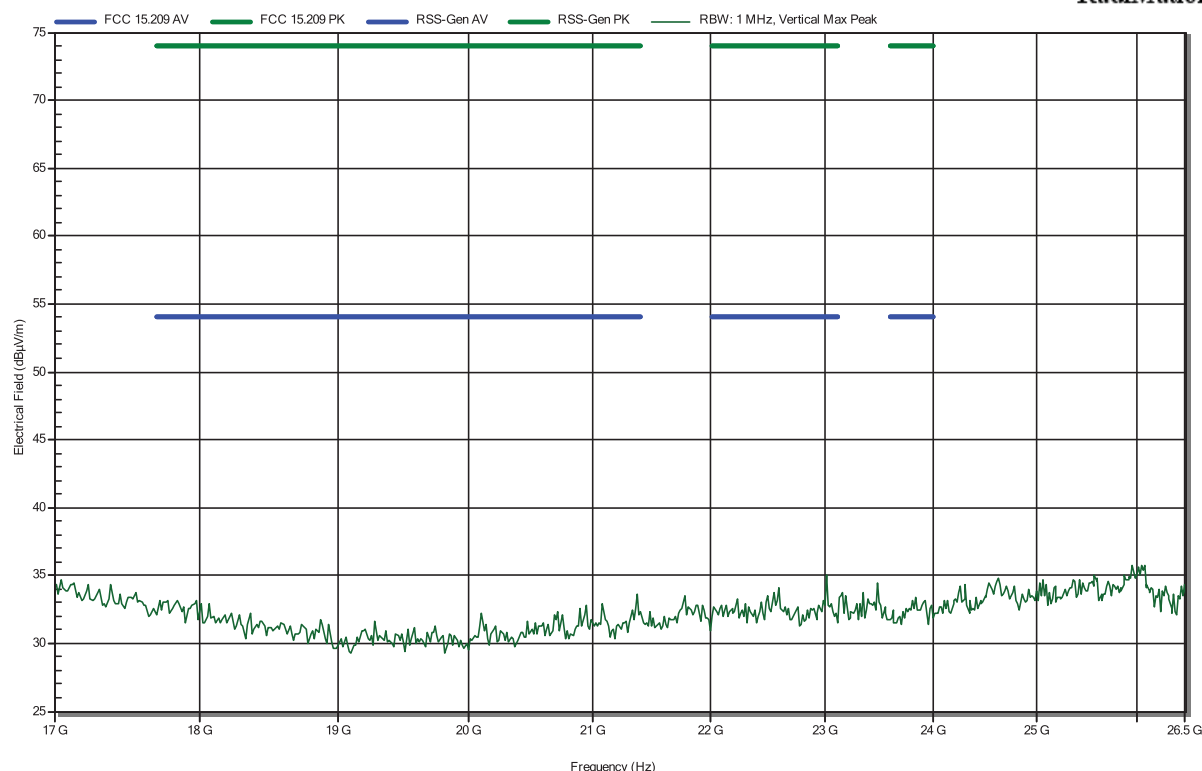


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 Antenna: Amplifier Research AT4560, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

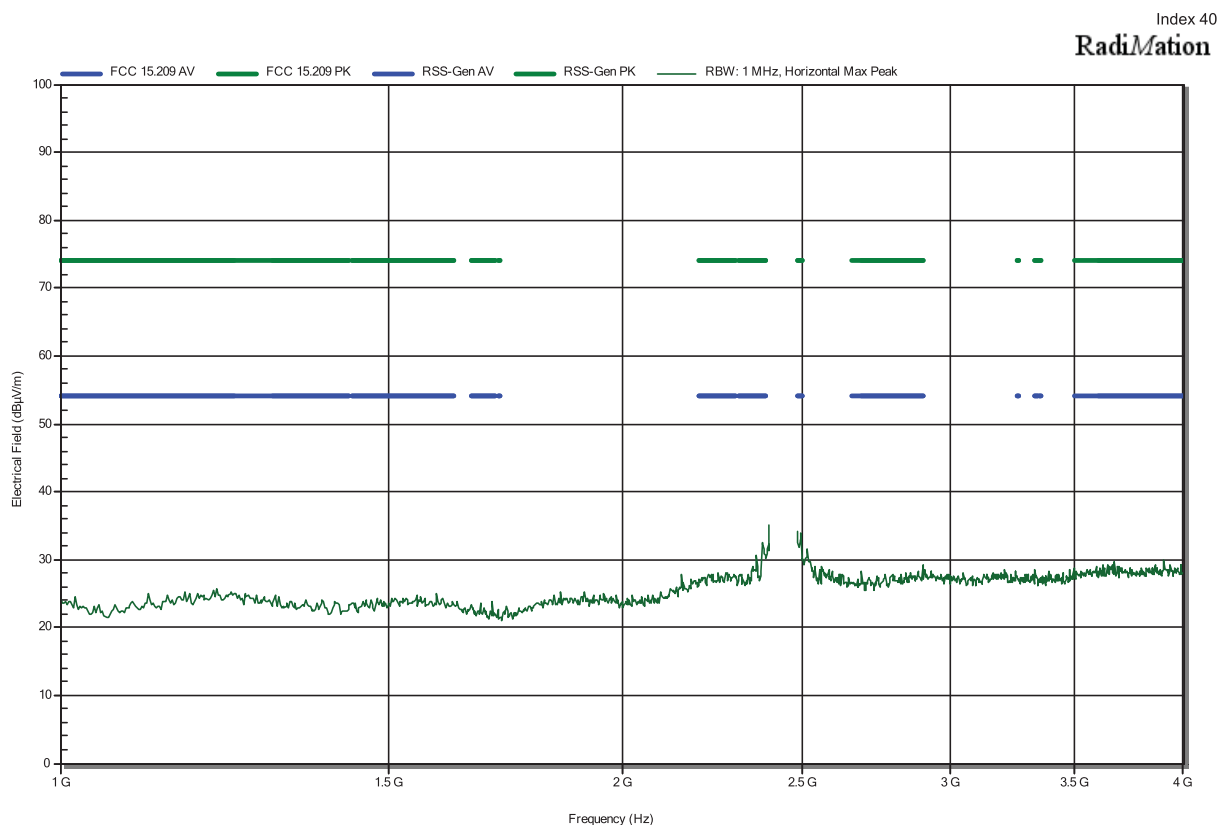
Index 39

RadiMation



Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

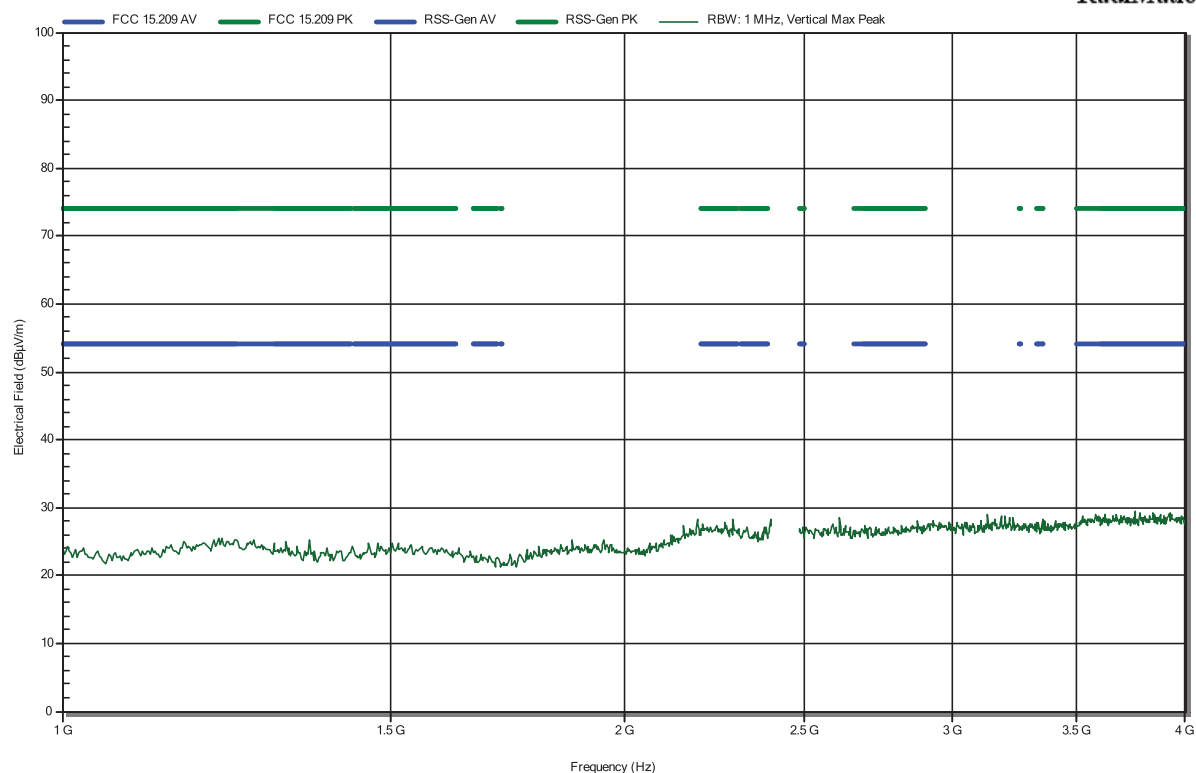


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 Antenna: Schwarzbeck BBHA 9120D, Vertical
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 Mode: Tx; IEEE 802.11b; 1 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

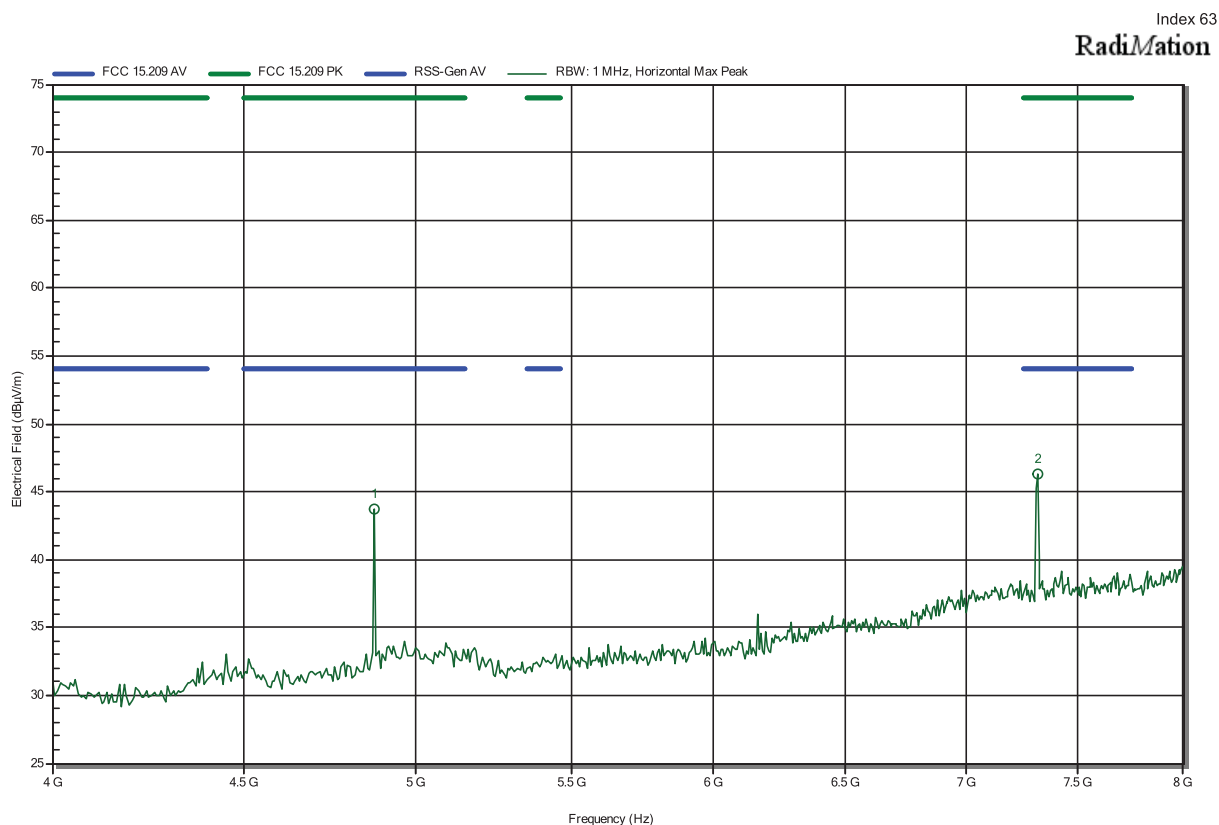
Index 44

RadiMation



Radiated Spurious Emissions according to FCC 47 CFR 15.247

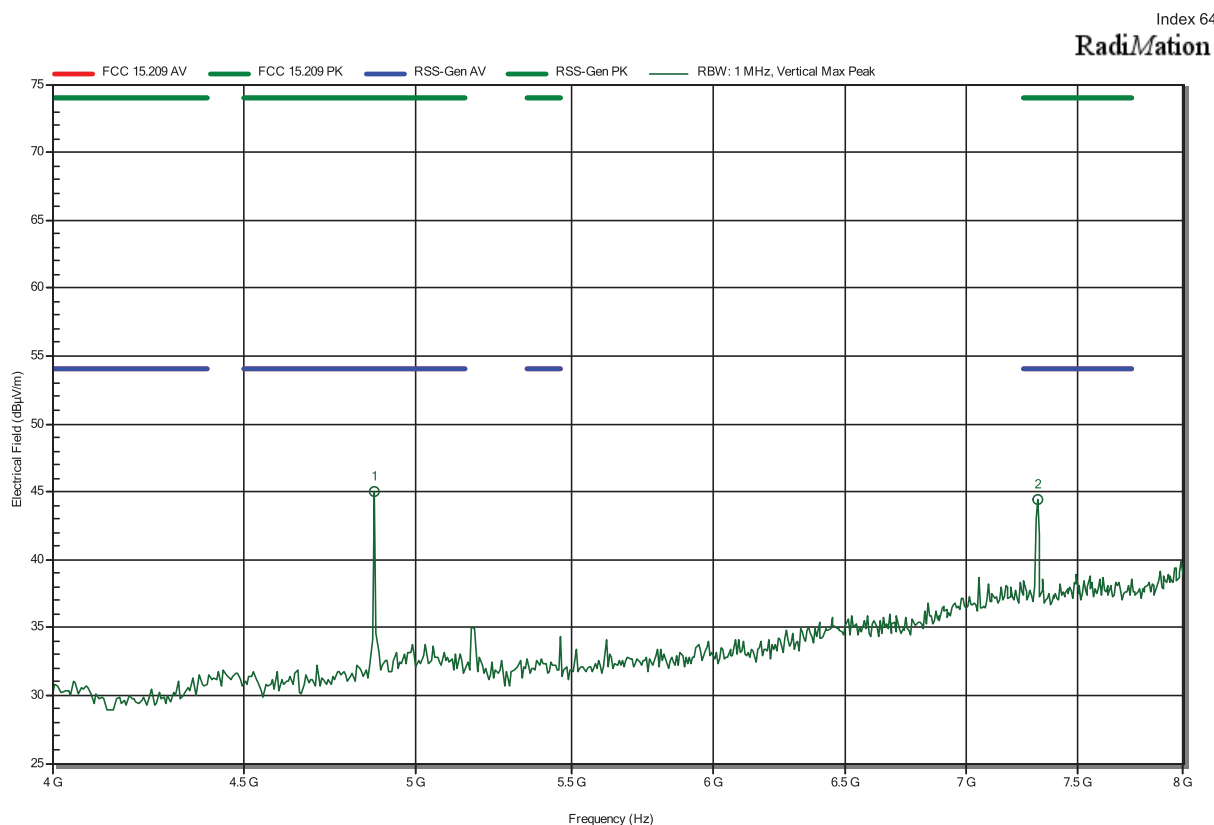
Project Number: G0M-2101-9569
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 Mode: Tx; IEEE 802.11b; 1 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.872 GHz	43.73 dBµV/m	74 dBµV/m	-30.27 dB	Pass
7.314 GHz	46.36 dBµV/m	74 dBµV/m	-27.64 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
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 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08



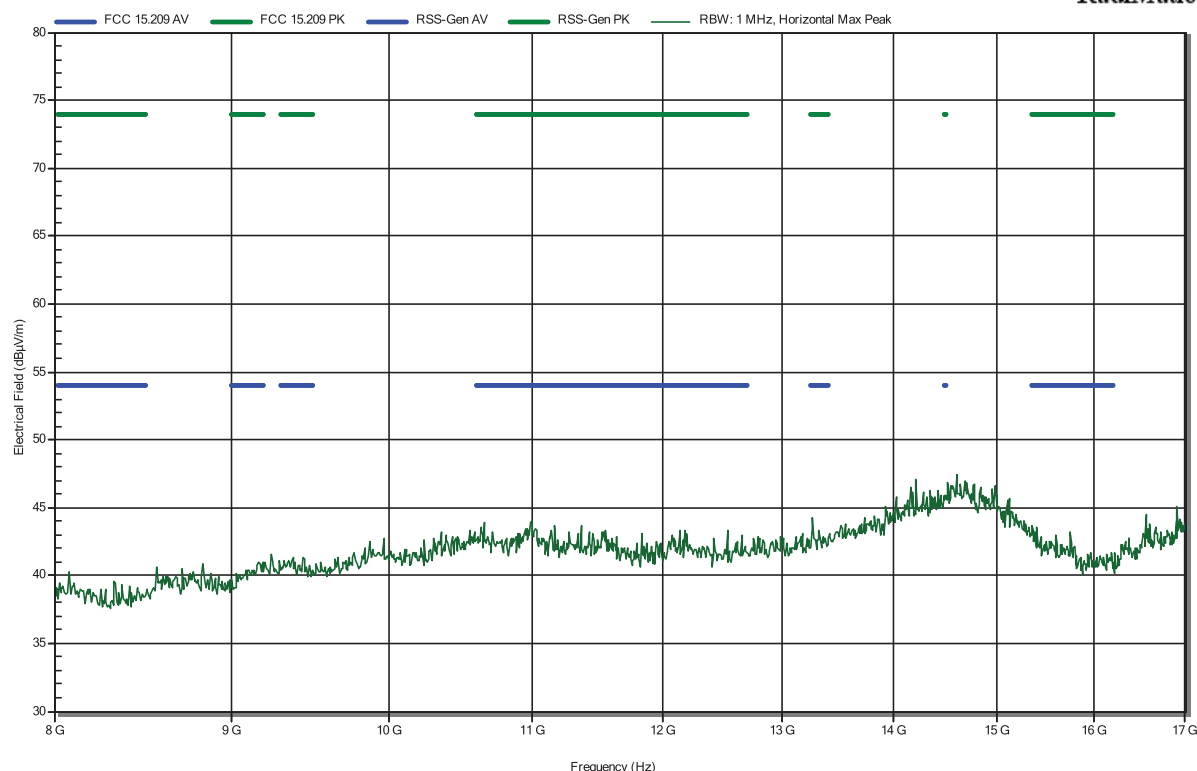
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.872 GHz	45.05 dBµV/m	74 dBµV/m	-28.95 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
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 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

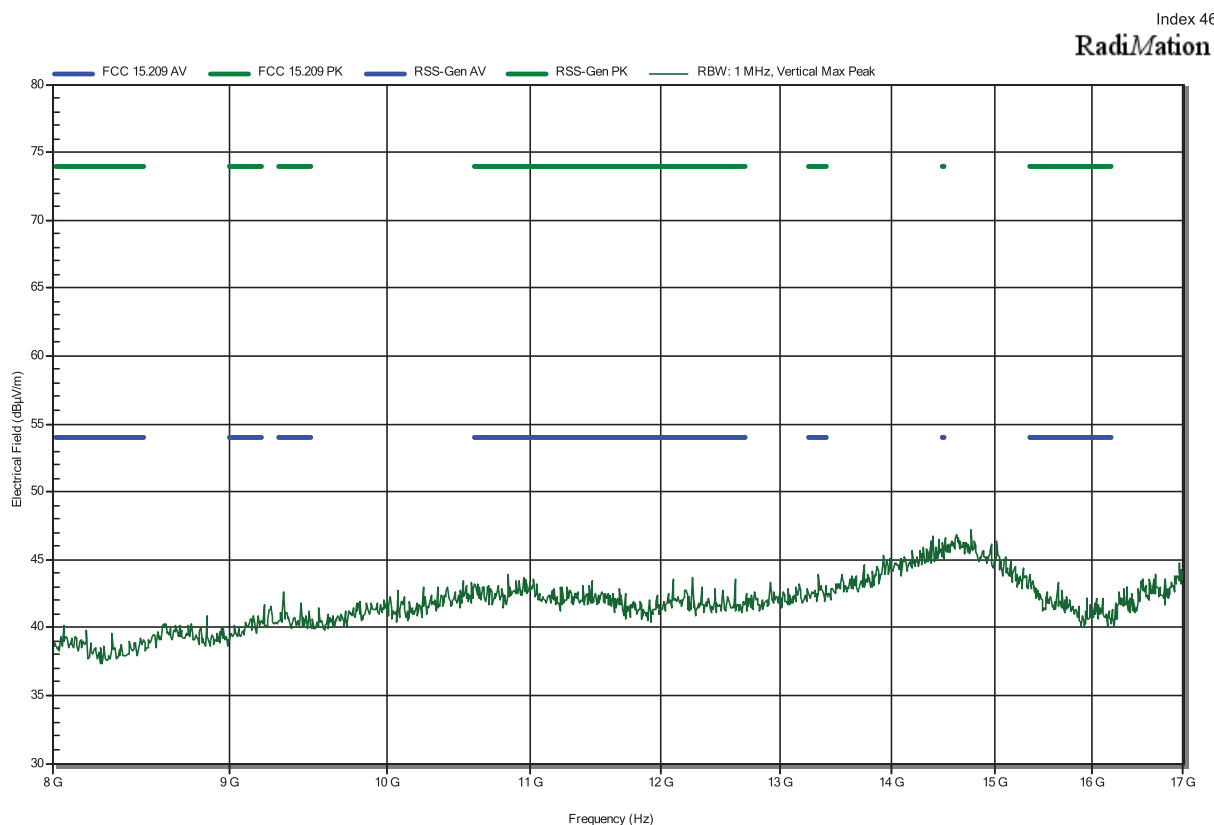
Index 42

RadiMation



Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Test Site: Eurofins Product Service GmbH
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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

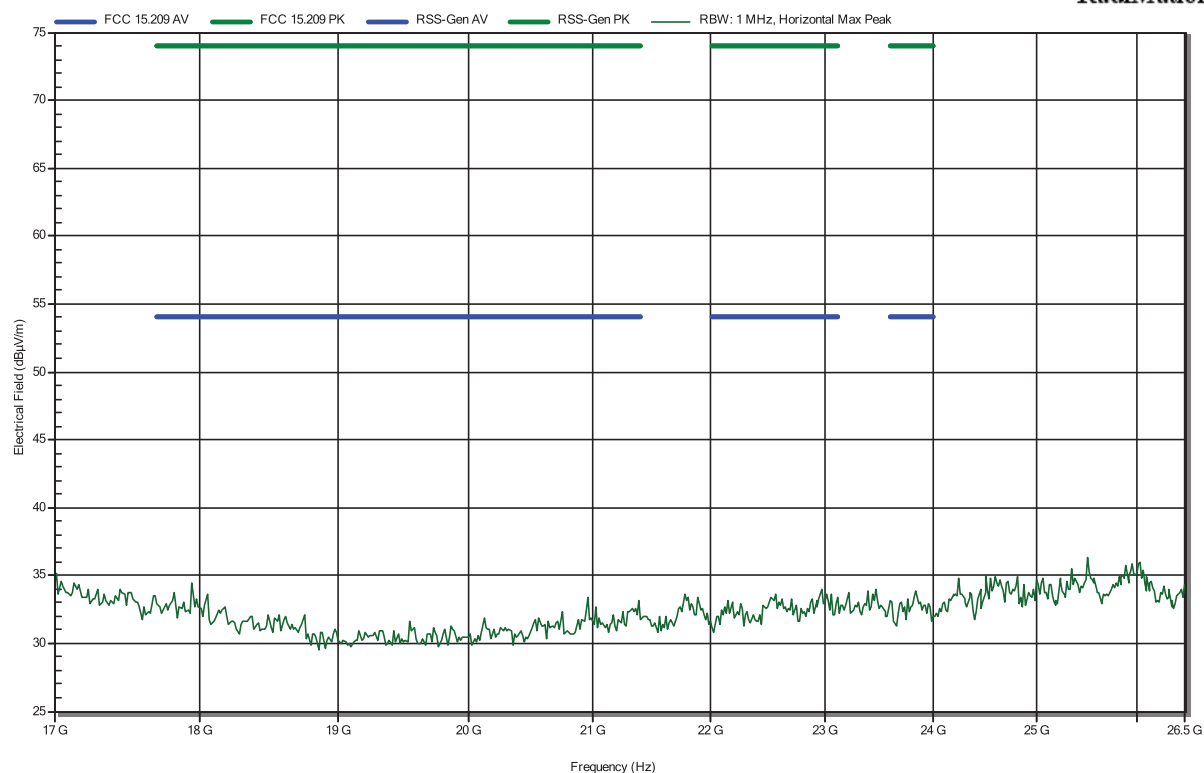


Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
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 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

Index 43

RadiMation

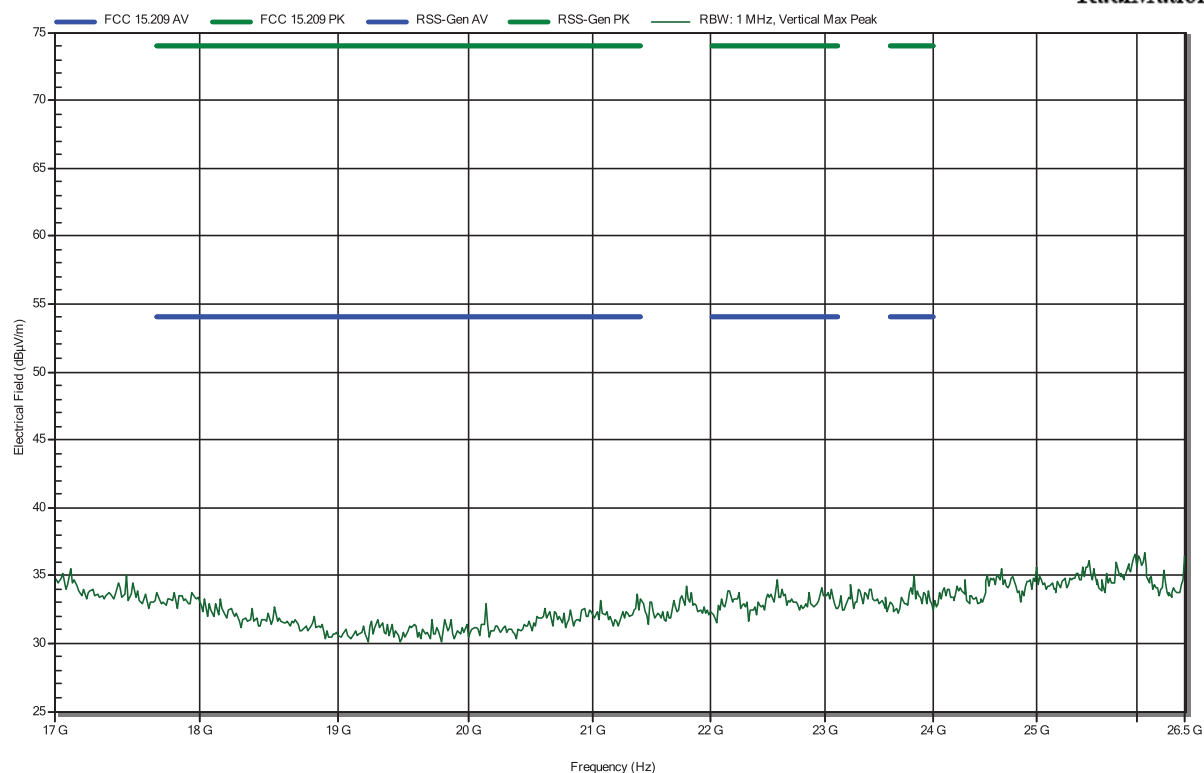


Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Amplifier Research AT4560, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

Index 47

RadiMation

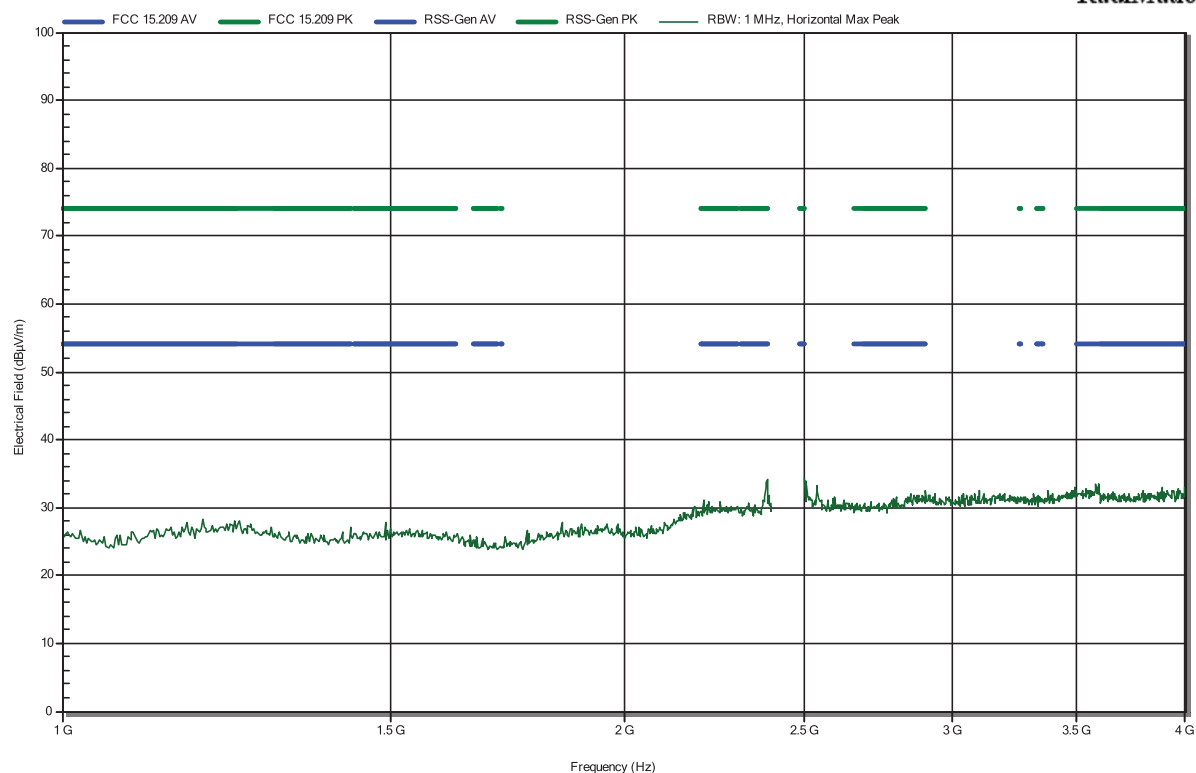


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 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
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 Test Date: 2021-06-08

Index 48

RadiMation

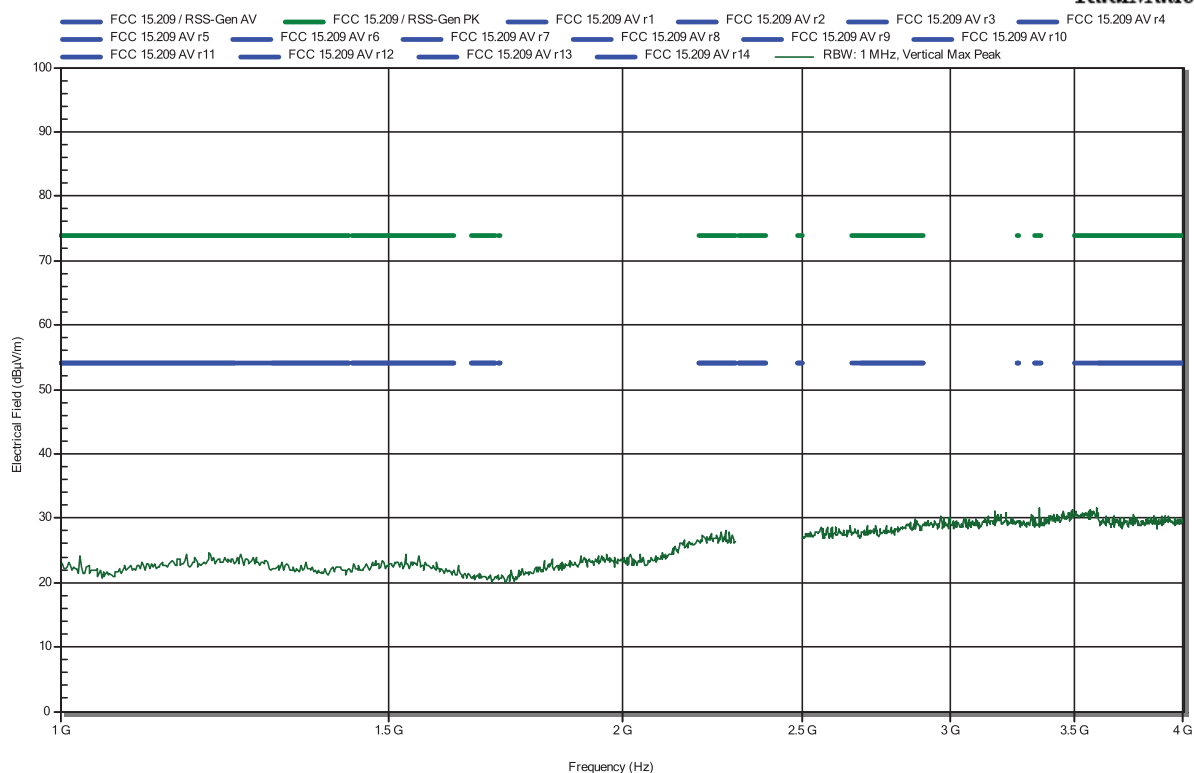


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 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
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 Test Date: 2021-06-08

Index 53

RadiMation

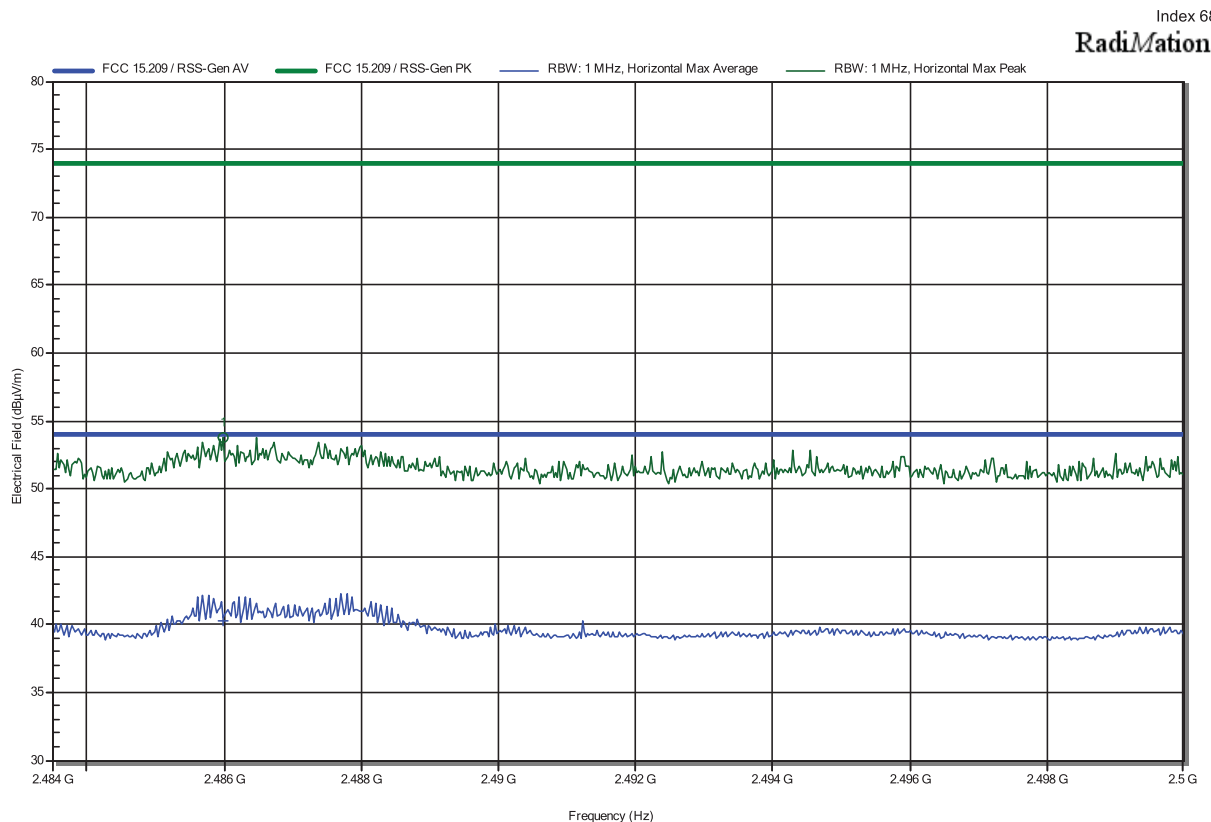


Test Report No.: G0M-2101-9569-TFC247WF-V01

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

Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08
 upper bandedge



Frequency 2.486 GHz	Peak 53.77 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -20.23 dB	Peak Status Pass
Frequency 2.486 GHz	Average 40.22 dBµV/m	Average Limit 54 dBµV/m	Average Difference -13.78 dB	Average Status Pass

Test Report No.: G0M-2101-9569-TFC247WF-V01

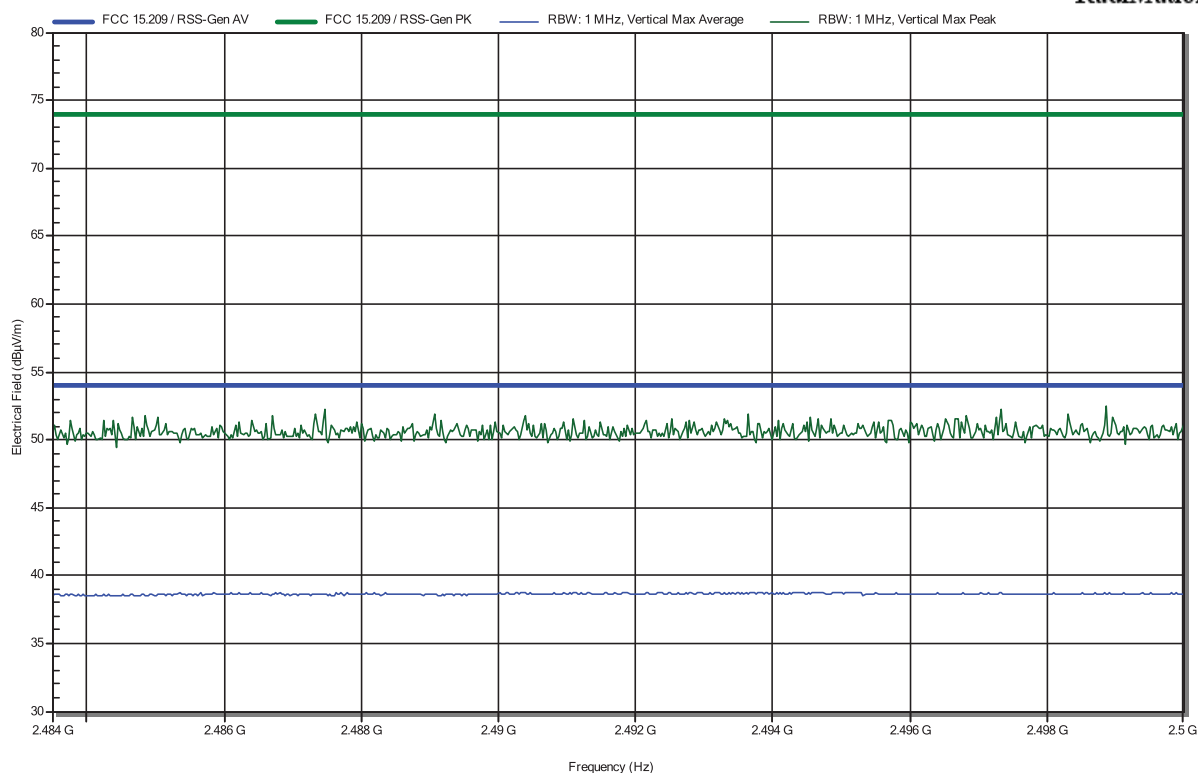
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
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 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08
 upper bandedge

Index 67

RadiMation

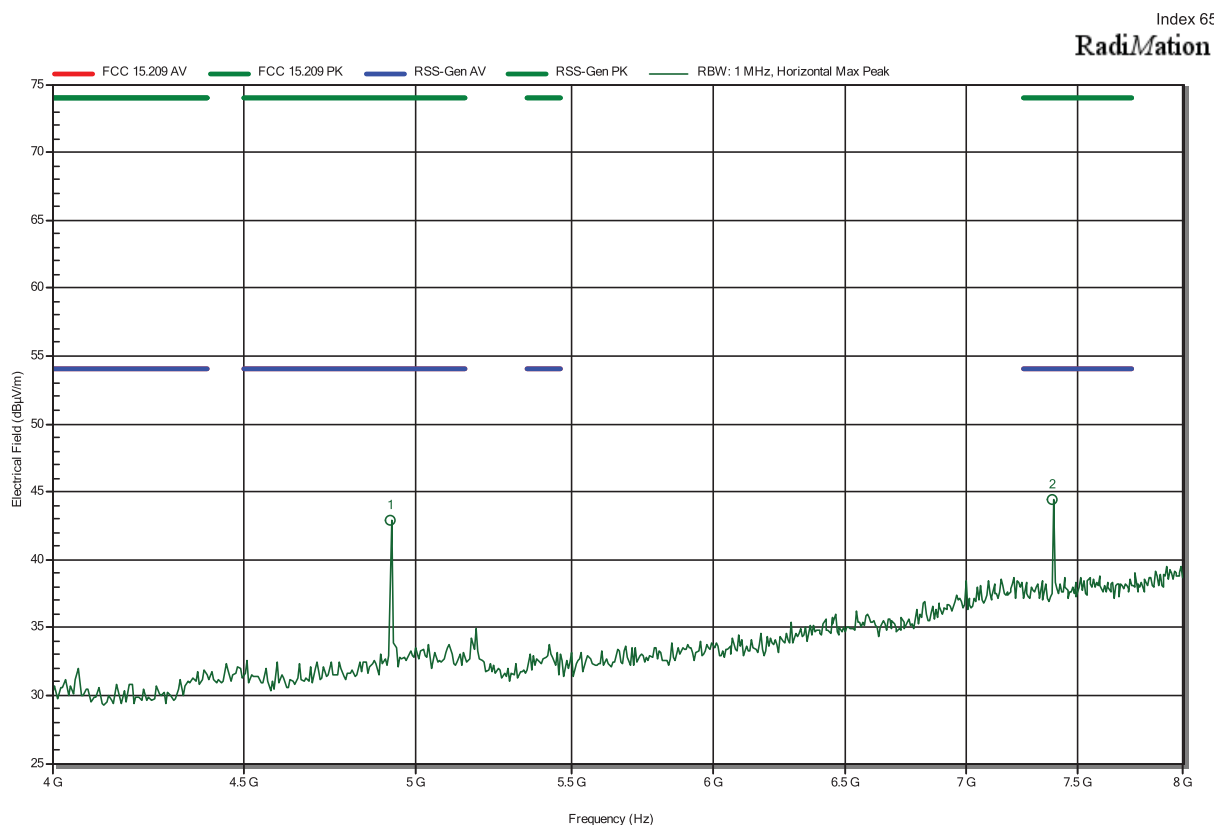


Test Report No.: G0M-2101-9569-TFC247WF-V01

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

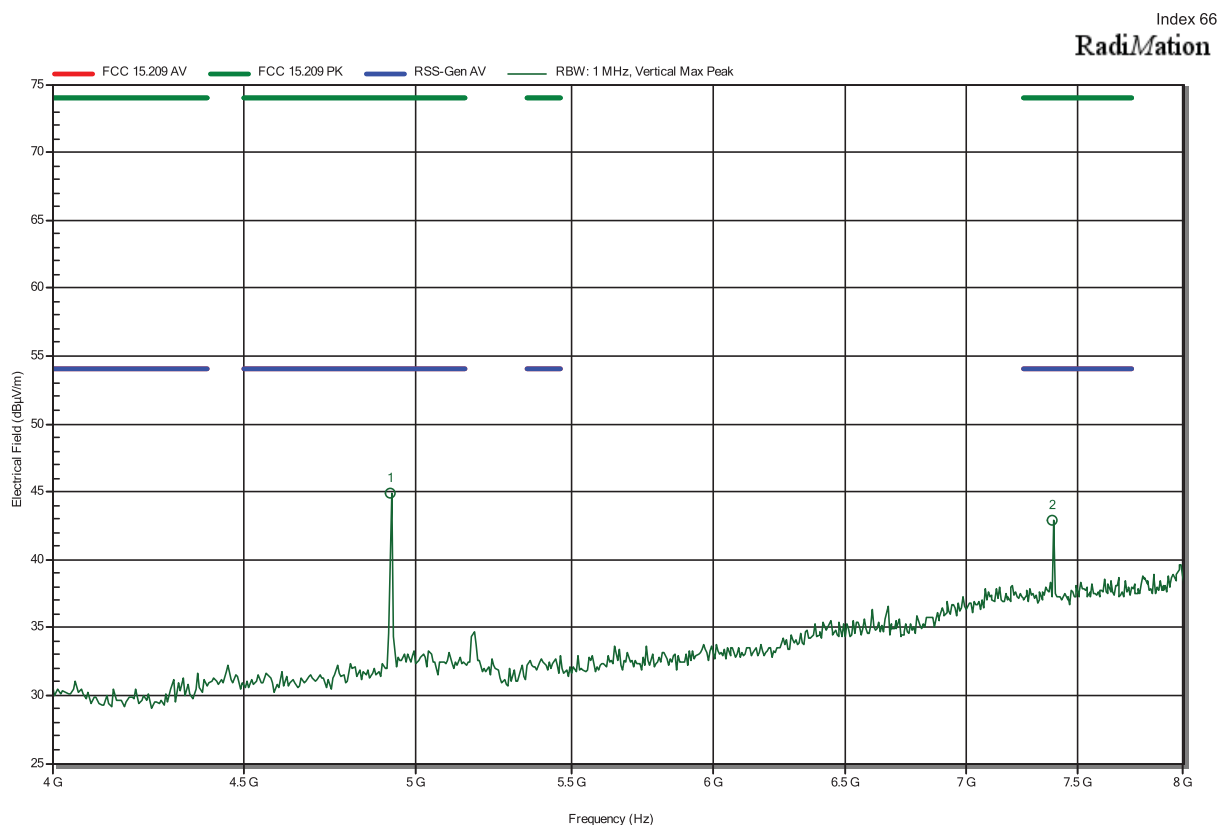
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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11b; 1 Mbps; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08



Radiated Spurious Emissions according to FCC 47 CFR 15.247

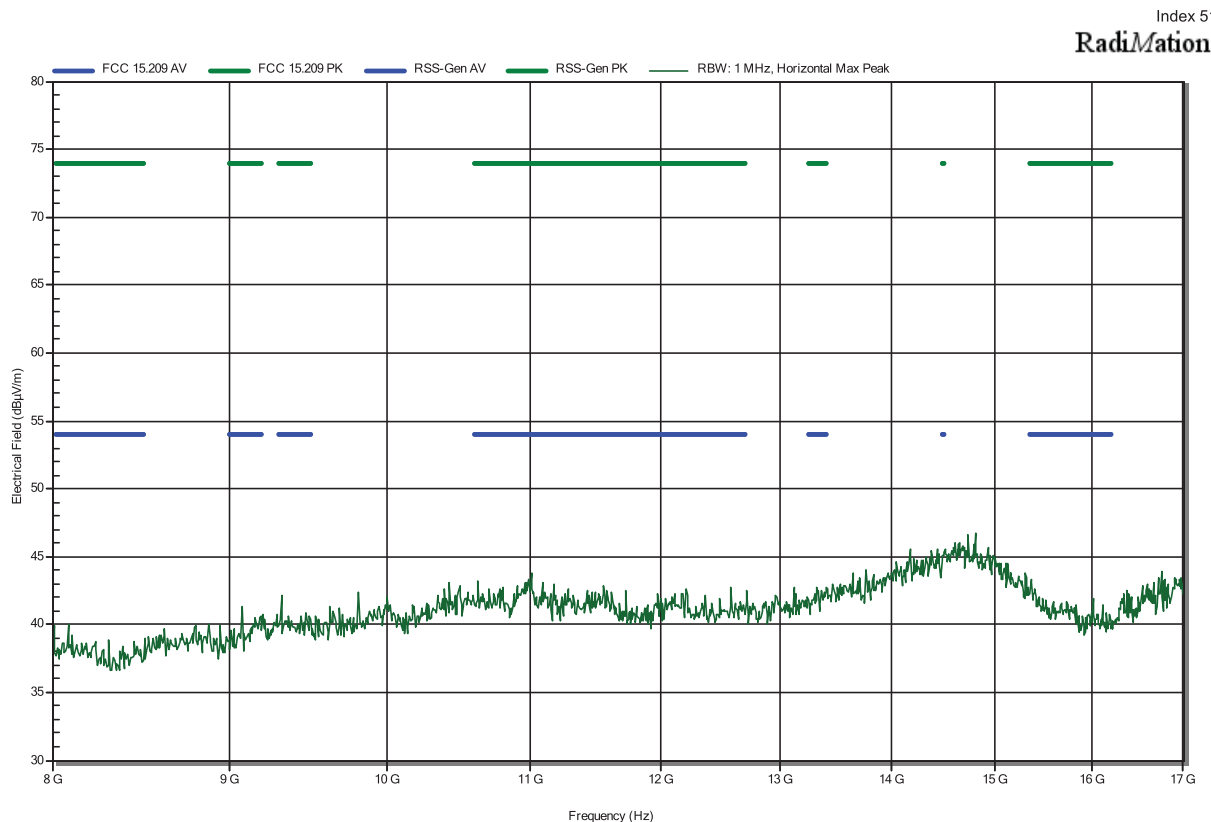
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 Mode: Tx; IEEE 802.11b; 1 Mbps; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.923 GHz	44.85 dBµV/m	74 dBµV/m	-29.15 dB	Pass
7.385 GHz	42.91 dBµV/m	74 dBµV/m	-31.09 dB	Pass

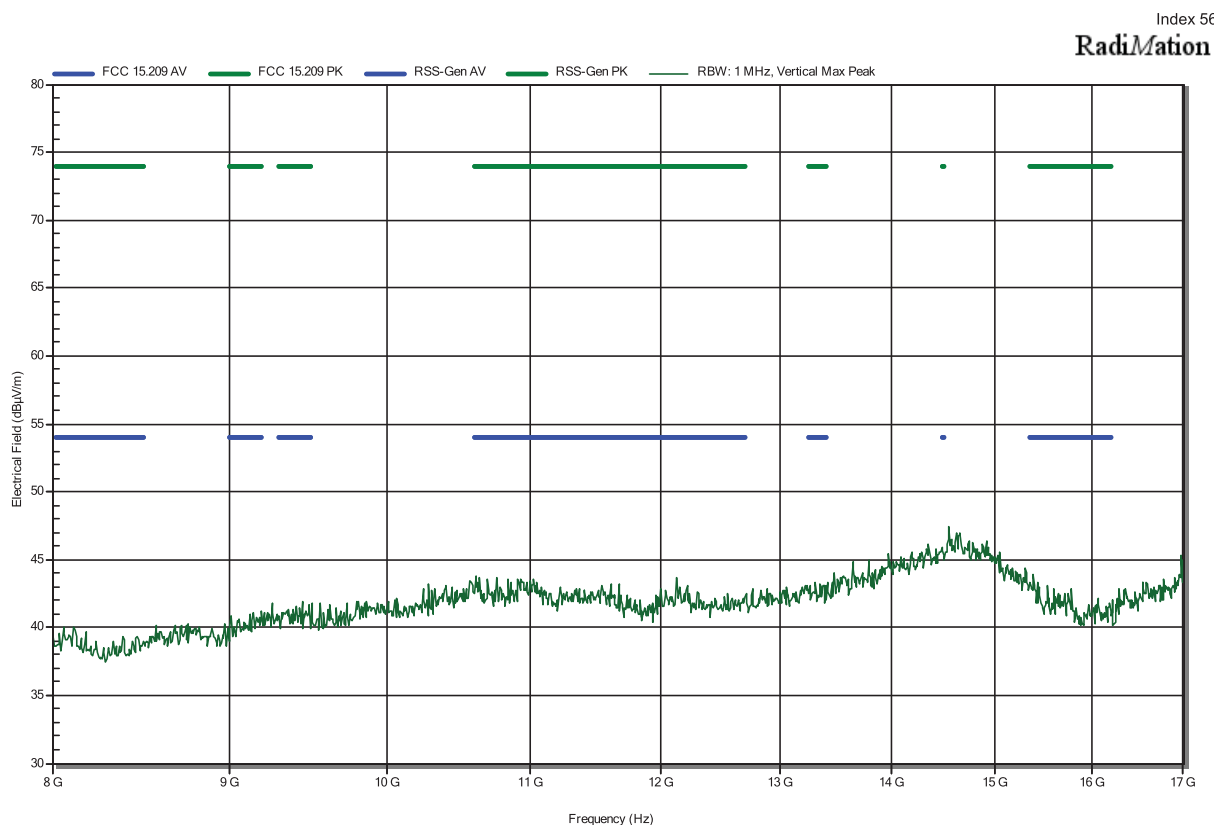
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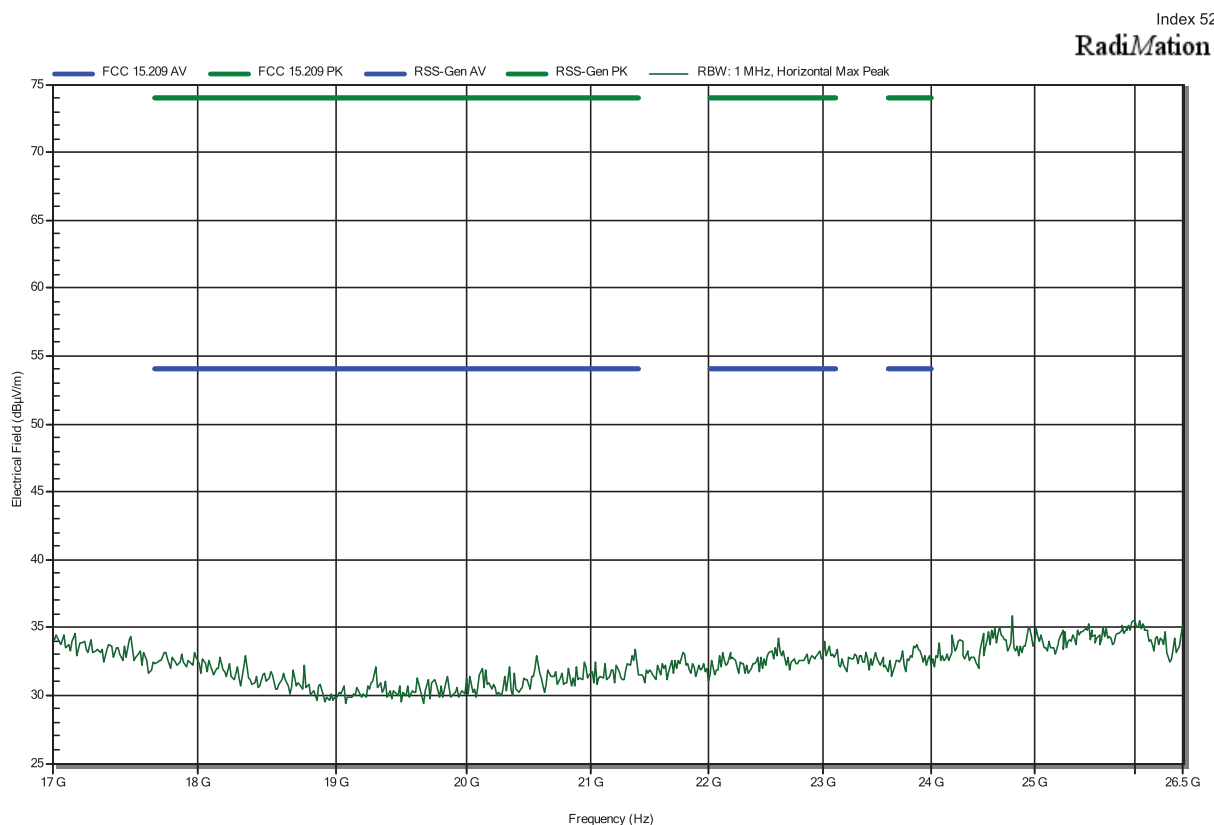
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 Test Date: 2021-06-08



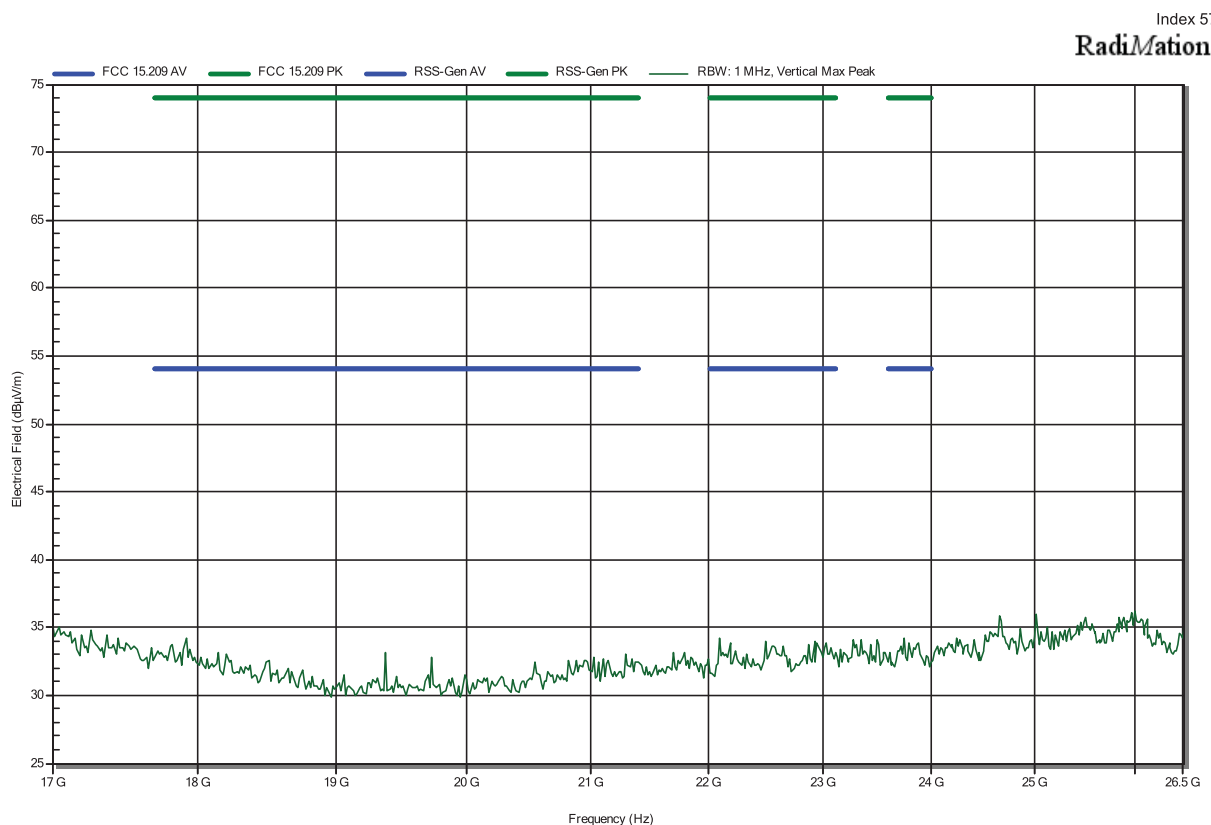
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 Mode: Tx; IEEE 802.11b; 1 Mbps; 2462 MHz; #A1 8 SerNr: 826
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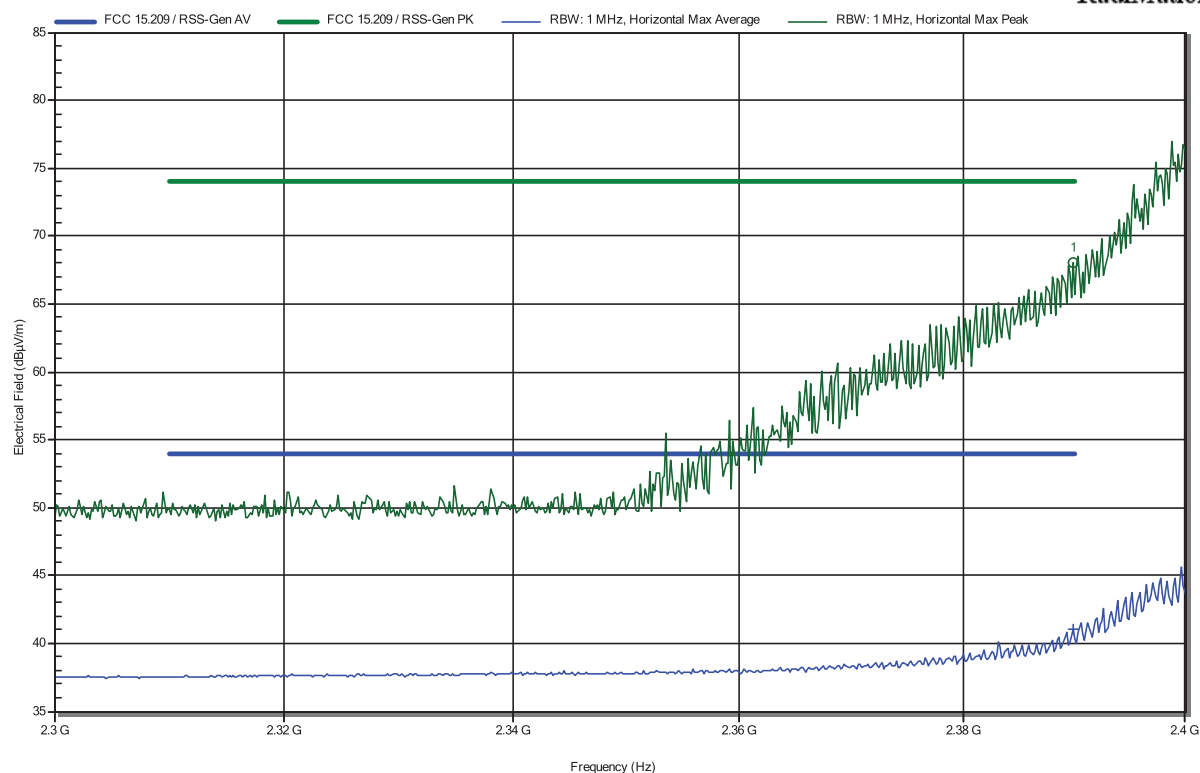


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 Operator: Wilfried Treffke
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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11g; 9 Mbps; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 lower bandedge

Index 69

RadiMation



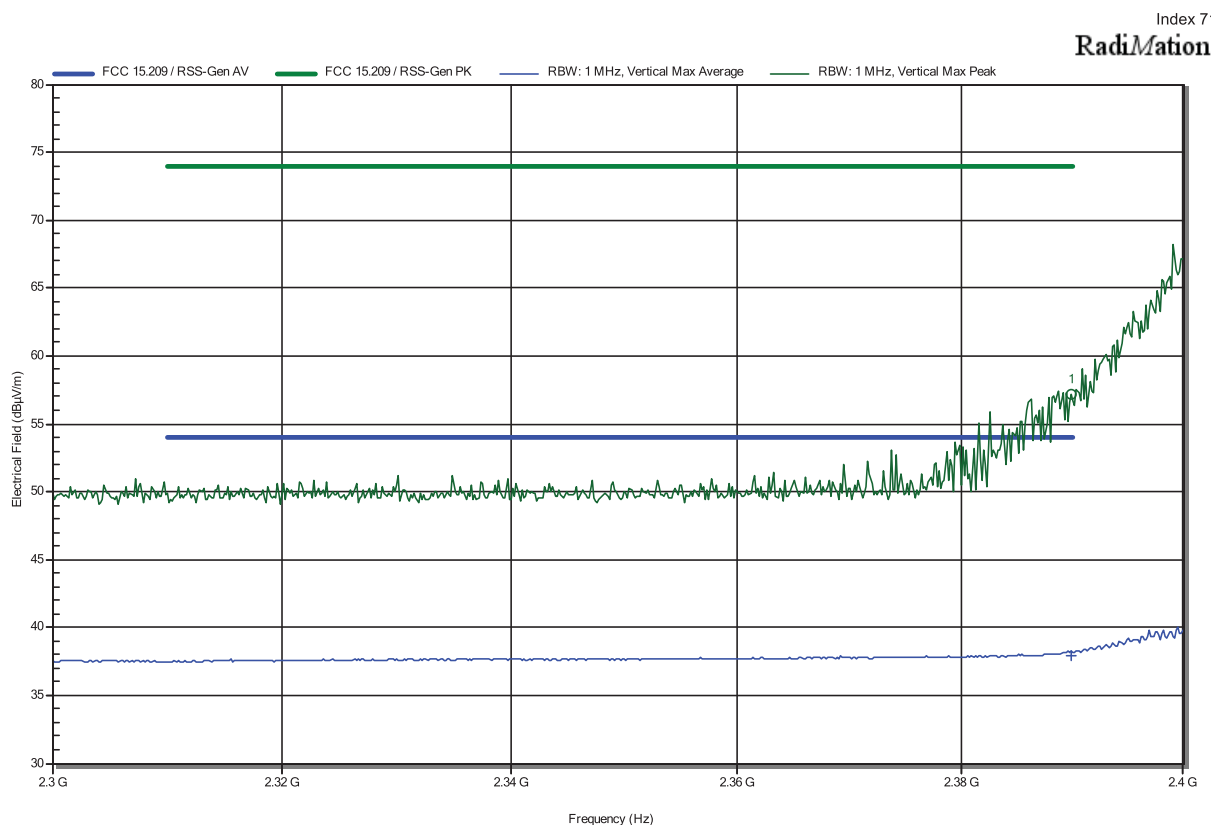
Frequency 2.3899 GHz	Peak 68.02 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -5.98 dB	Peak Status Pass
Frequency 2.3899 GHz	Average 41.02 dBµV/m	Average Limit 54 dBµV/m	Average Difference -12.98 dB	Average Status Pass

Test Report No.: G0M-2101-9569-TFC247WF-V01

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

Radiated Spurious Emissions according to FCC 47 CFR 15.247

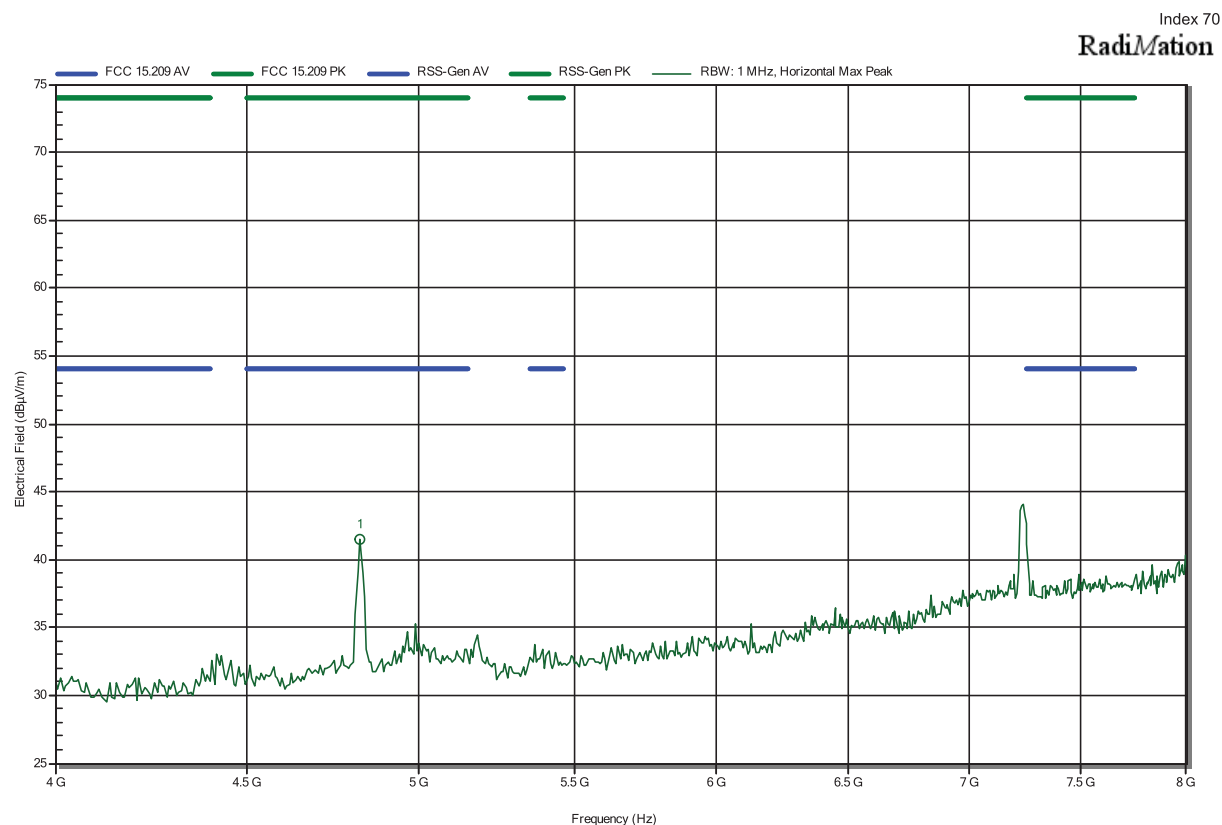
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 Mode: Tx; IEEE 802.11g; 9 Mbps; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 lower bandedge



Frequency 2.3899 GHz	Peak 57.19 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -16.81 dB	Peak Status Pass
Frequency 2.3899 GHz	Average 37.97 dBµV/m	Average Limit 54 dBµV/m	Average Difference -16.03 dB	Average Status Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

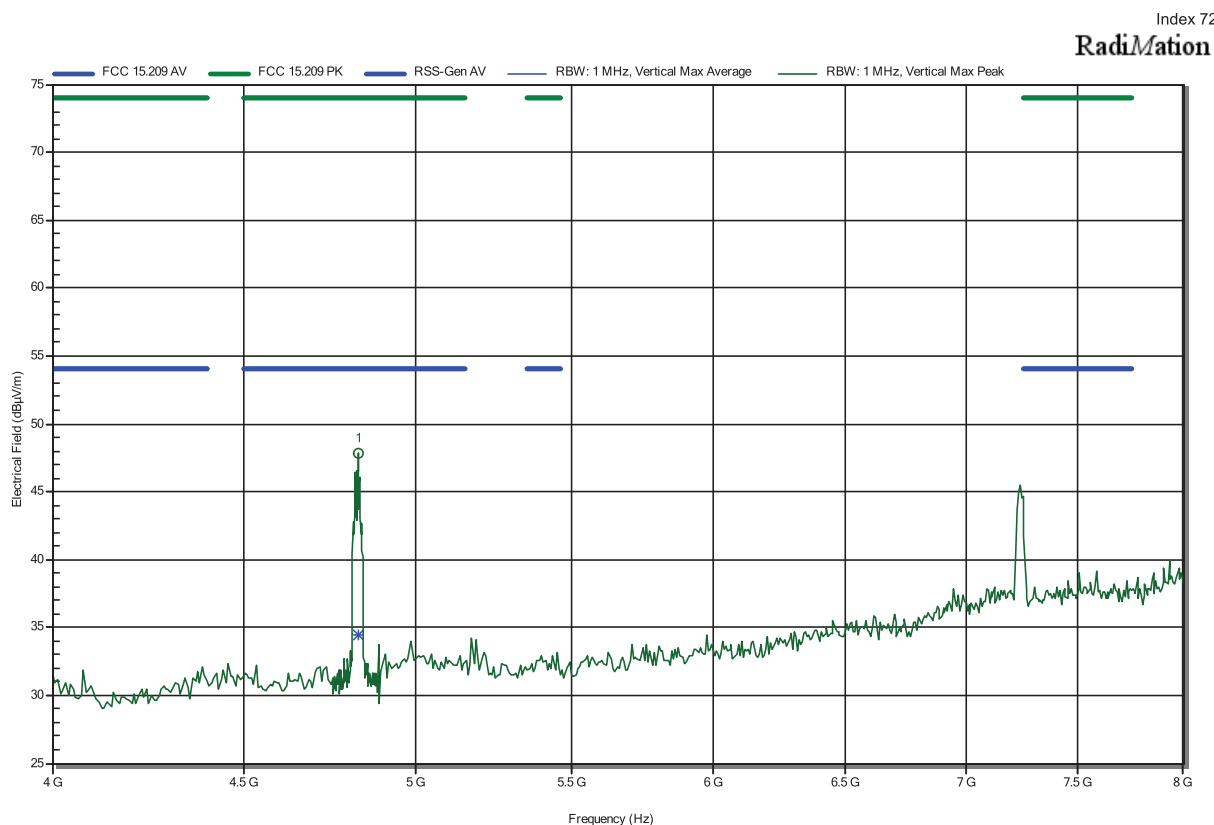
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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11g; 9 Mbps; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.821 GHz	41.45 dBµV/m	74 dBµV/m	-32.55 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11g; 9 Mbps; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



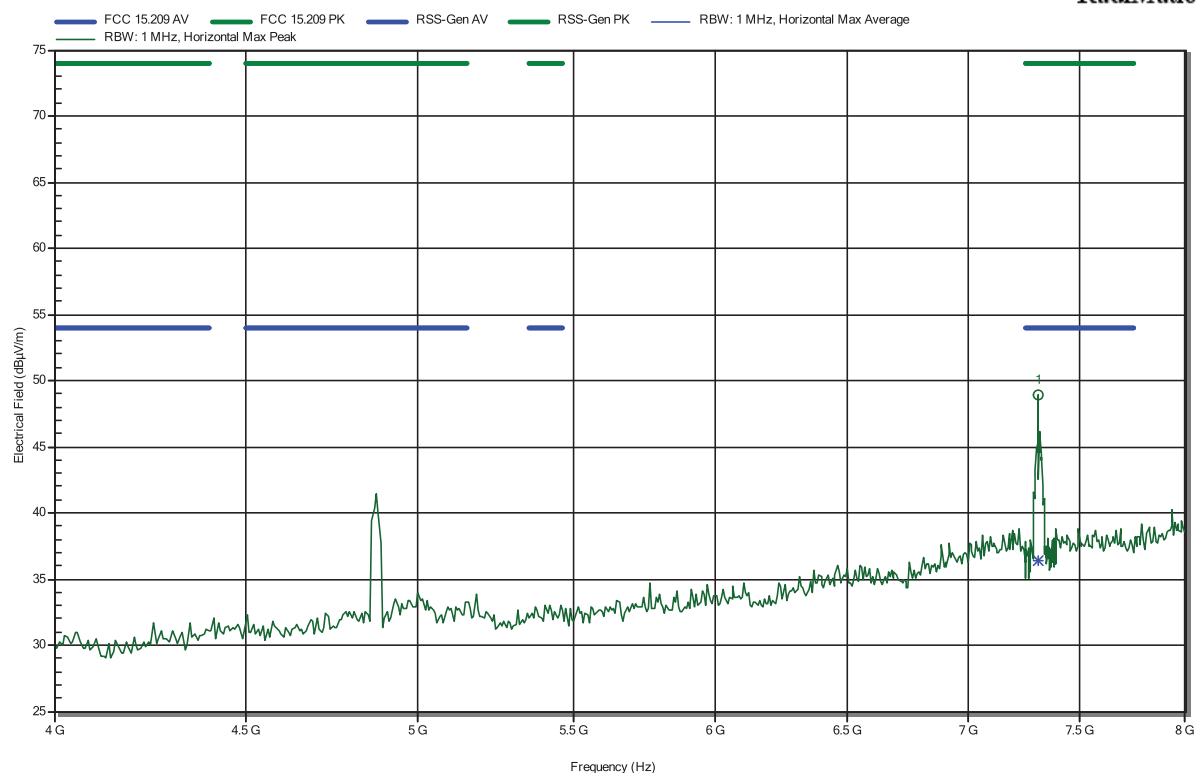
Frequency 4.824 GHz	Peak 47.86 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -26.14 dB	Peak Status Pass
Frequency 4.824 GHz	Average 34.45 dBµV/m	Average Limit 54 dBµV/m	Average Difference -19.55 dB	Average Status Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11g; 9 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09

Index 74

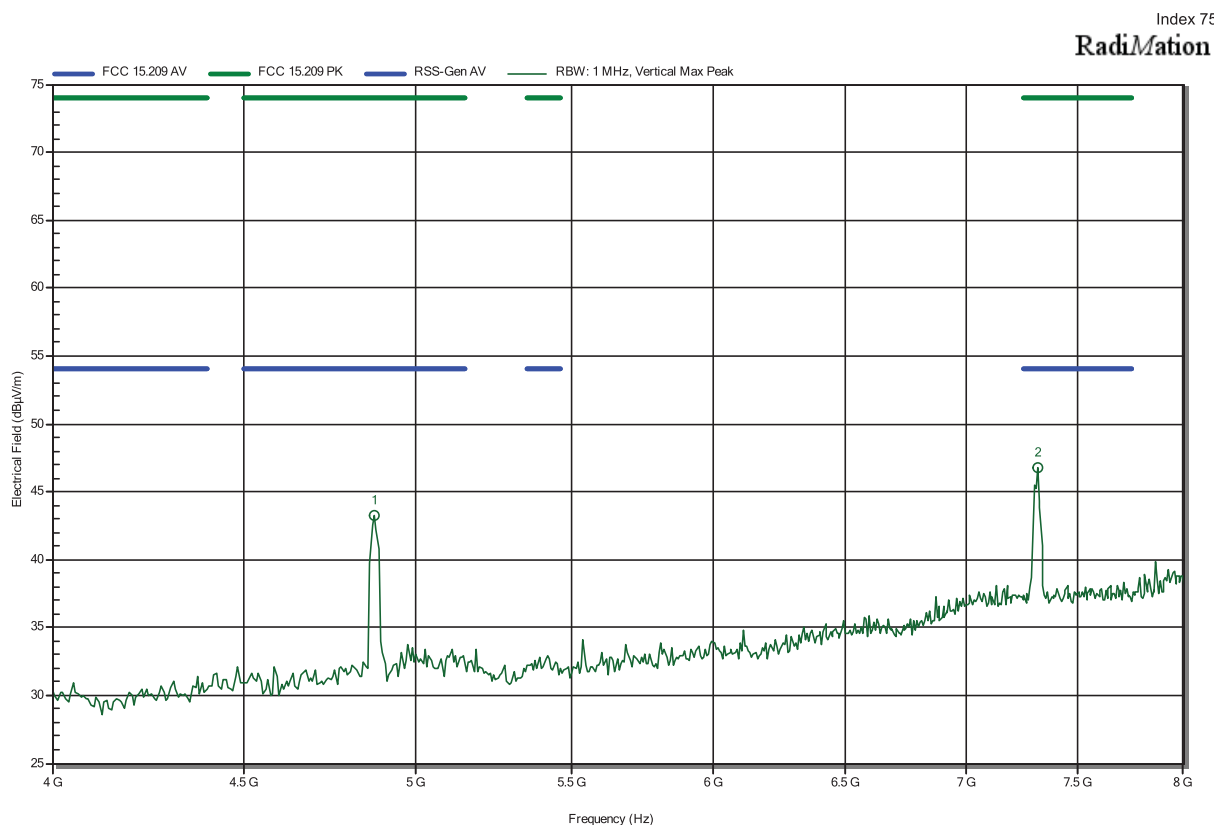
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
7.313 GHz	48.9 dBμV/m	74 dBμV/m	-25.1 dB	Pass
Frequency	Average	Average Limit	Average Difference	Average Status
7.313 GHz	36.39 dBμV/m	54 dBμV/m	-17.61 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

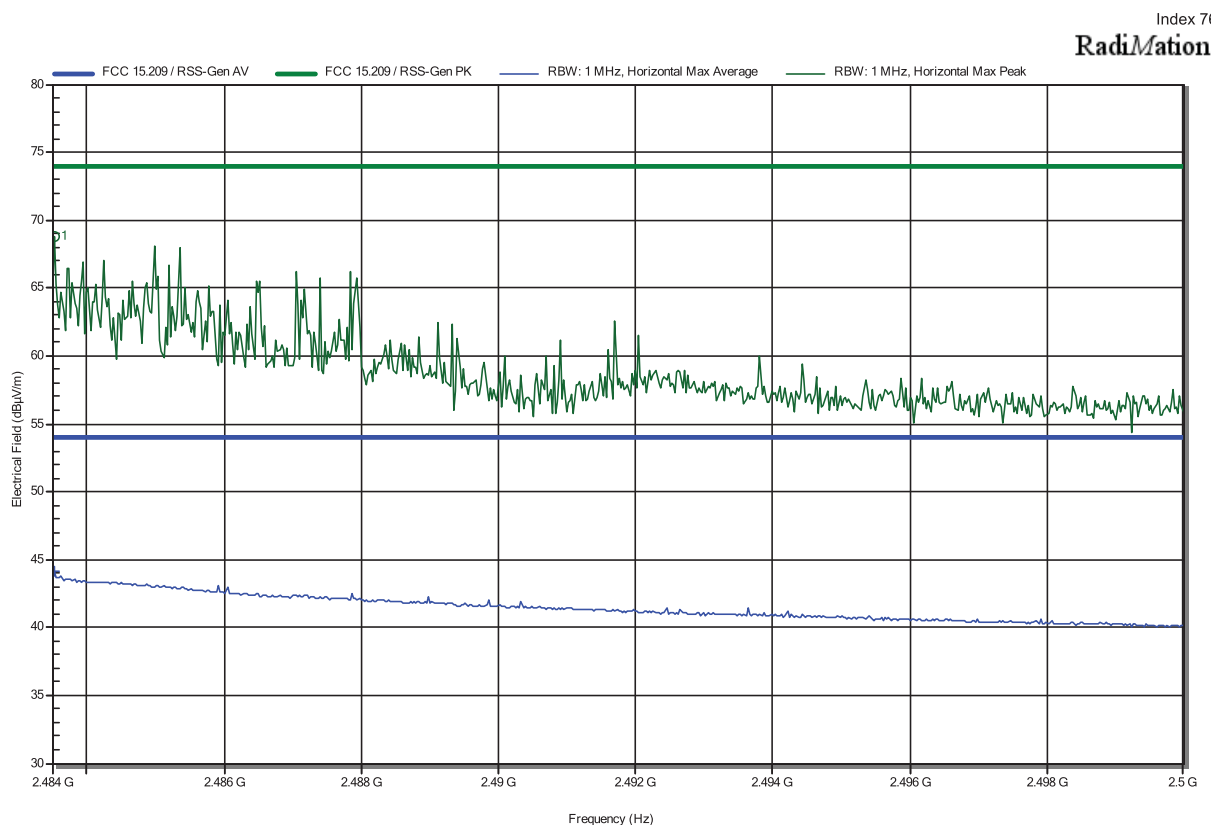
Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
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 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11g; 9 Mbps; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.872 GHz	43.2 dBµV/m	74 dBµV/m	-30.8 dB	Pass
7.314 GHz	46.74 dBµV/m	74 dBµV/m	-27.26 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11g; 9 Mbps; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 upper bandedge



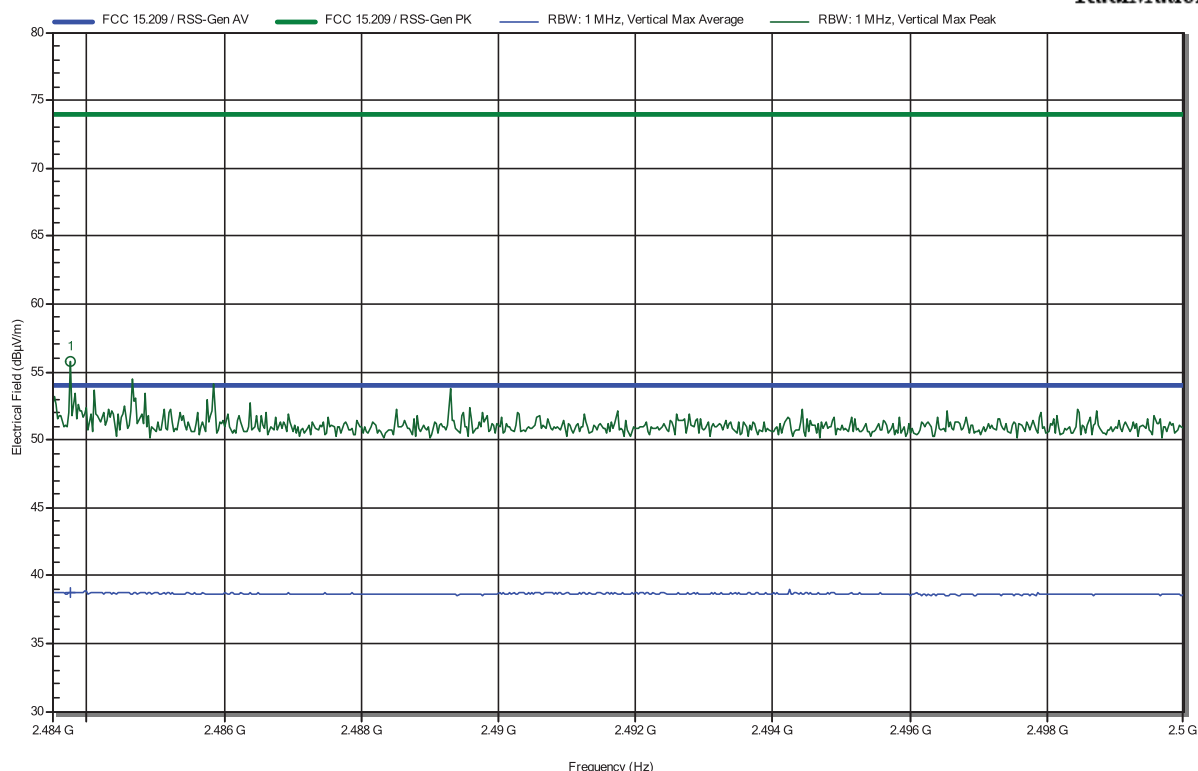
Frequency 2.4835 GHz	Peak 68.84 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -5.16 dB	Peak Status Pass
Frequency 2.4835 GHz	Average 44.17 dBµV/m	Average Limit 54 dBµV/m	Average Difference -9.83 dB	Average Status Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11g; 9 Mbps; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 upper bandedge

Index 78

RadiMation



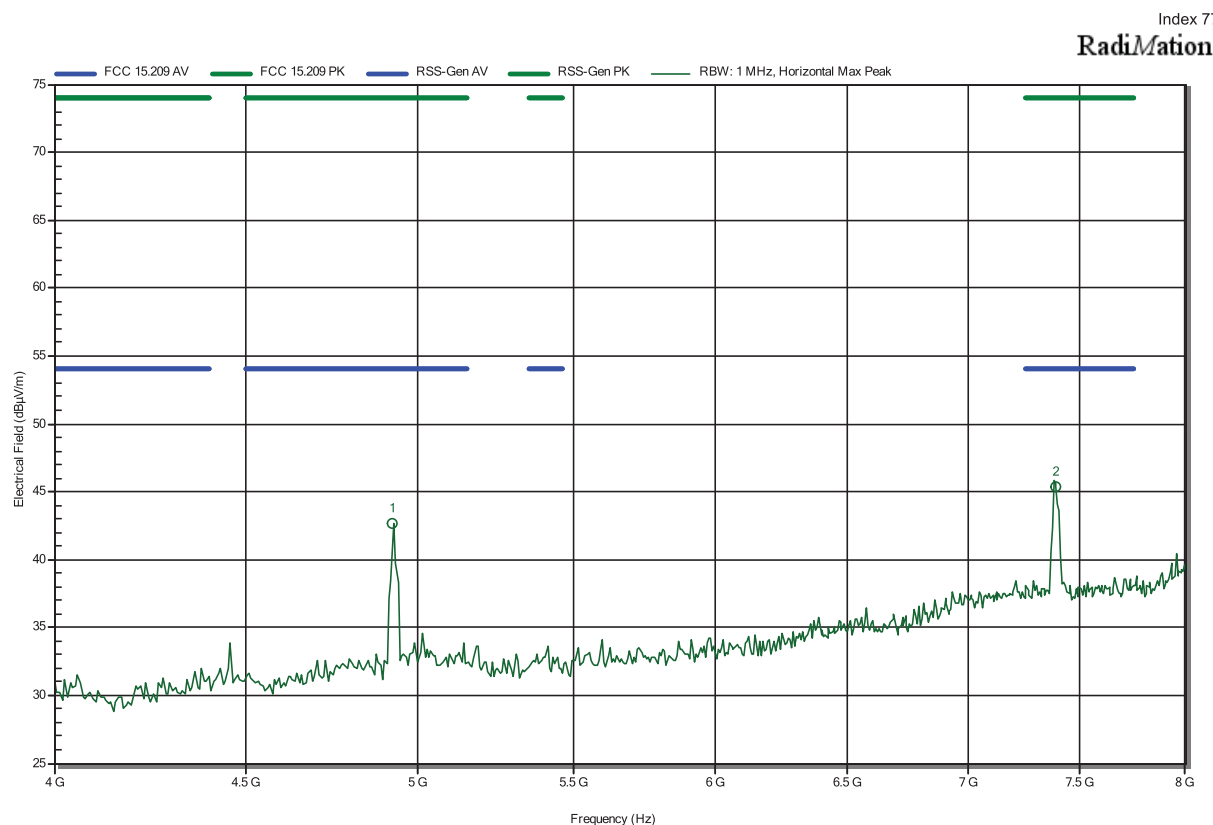
Frequency 2.4838 GHz	Peak 55.79 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -18.21 dB	Peak Status Pass
Frequency 2.4838 GHz	Average 38.71 dBµV/m	Average Limit 54 dBµV/m	Average Difference -15.29 dB	Average Status Pass

Test Report No.: G0M-2101-9569-TFC247WF-V01

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

Radiated Spurious Emissions according to FCC 47 CFR 15.247

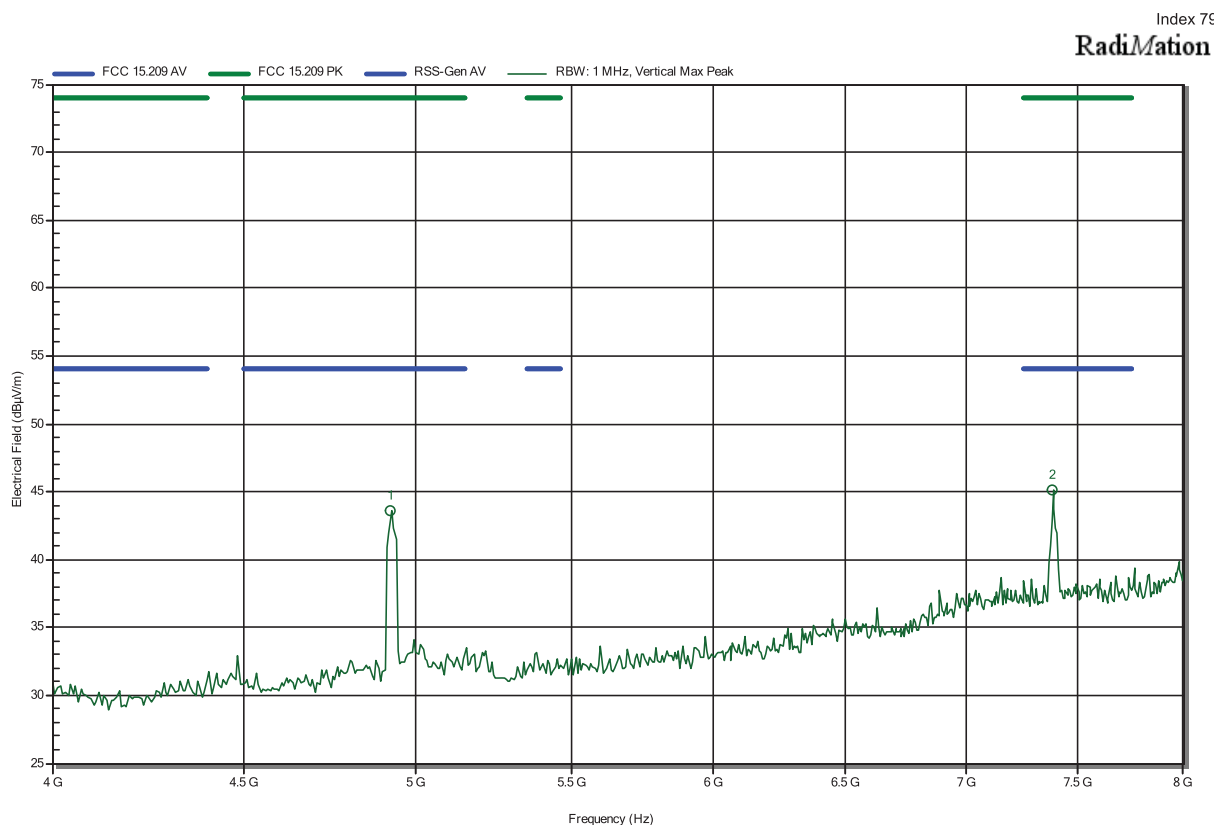
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 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11g; 9 Mbps; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.923 GHz	42.7 dBµV/m	74 dBµV/m	-31.3 dB	Pass
7.391 GHz	45.35 dBµV/m	74 dBµV/m	-28.65 dB	Pass

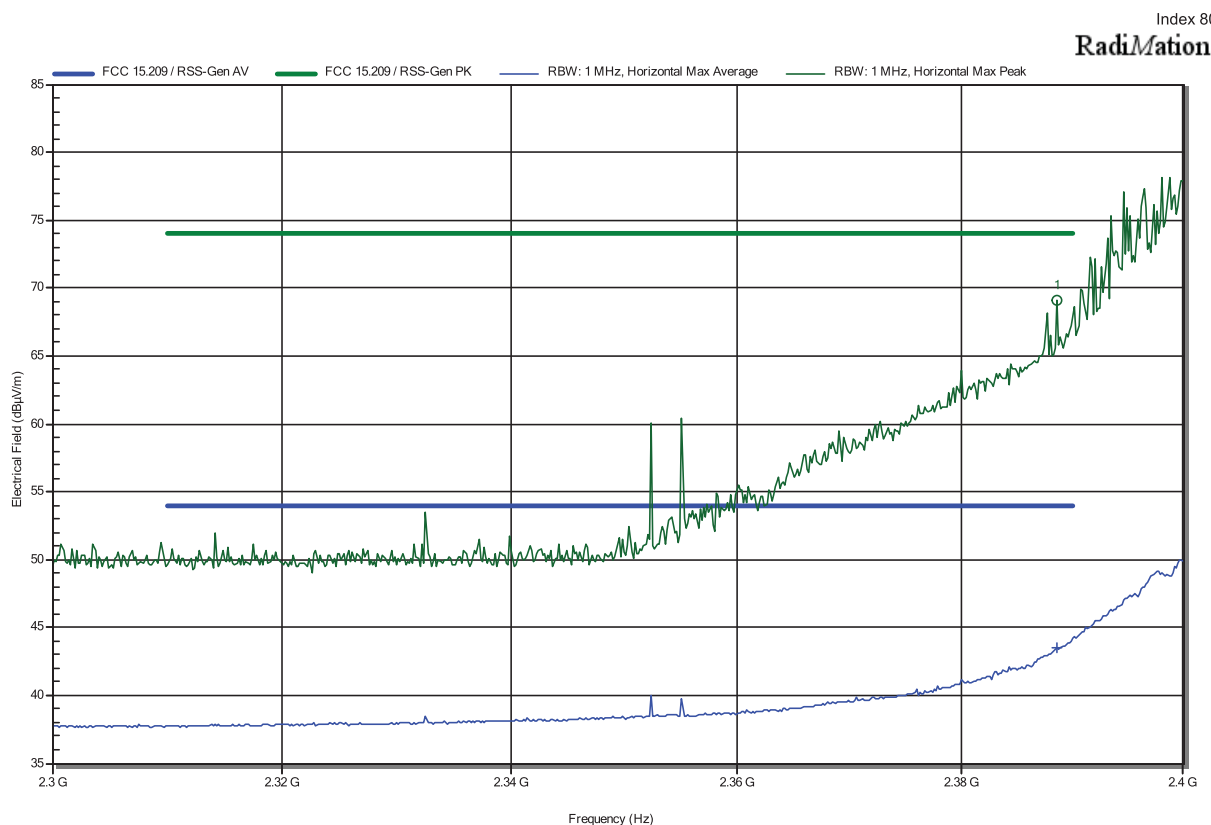
Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
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Radiated Spurious Emissions according to FCC 47 CFR 15.247

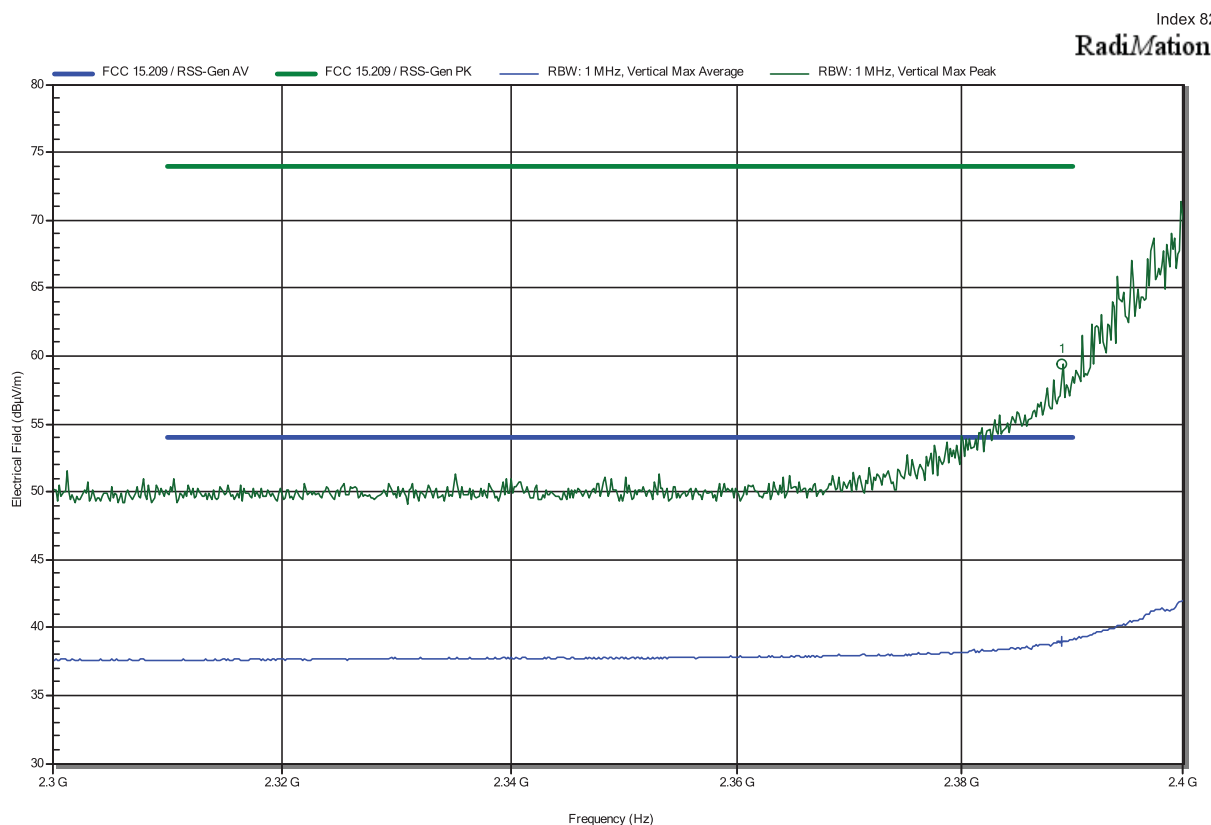
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 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT20; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 lower bandedge



Frequency 2.3886 GHz	Peak 69.15 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -4.85 dB	Peak Status Pass
Frequency 2.3886 GHz	Average 43.49 dBµV/m	Average Limit 54 dBµV/m	Average Difference -10.51 dB	Average Status Pass

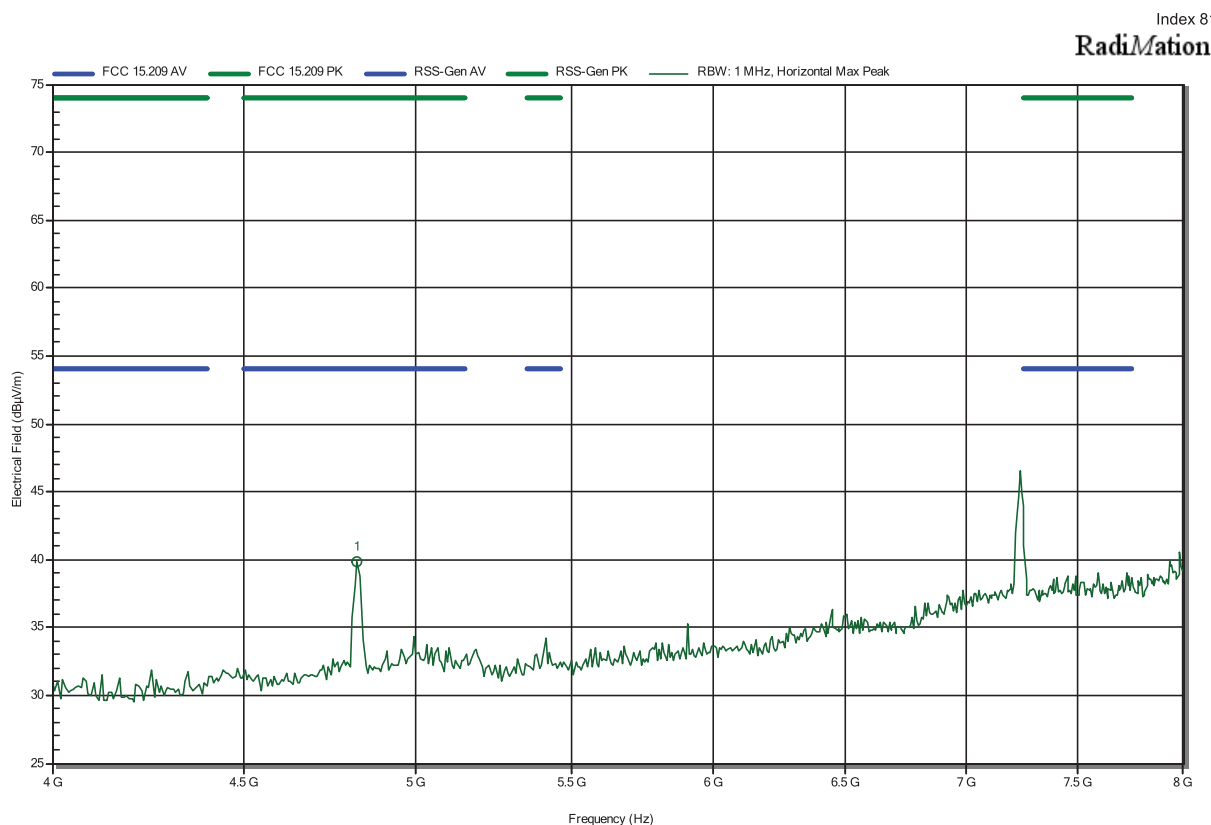
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 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
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 Antenna: Schwarzbeck BBHA 9120D, Vertical
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 Test Date: 2021-06-09
 lower bandedge



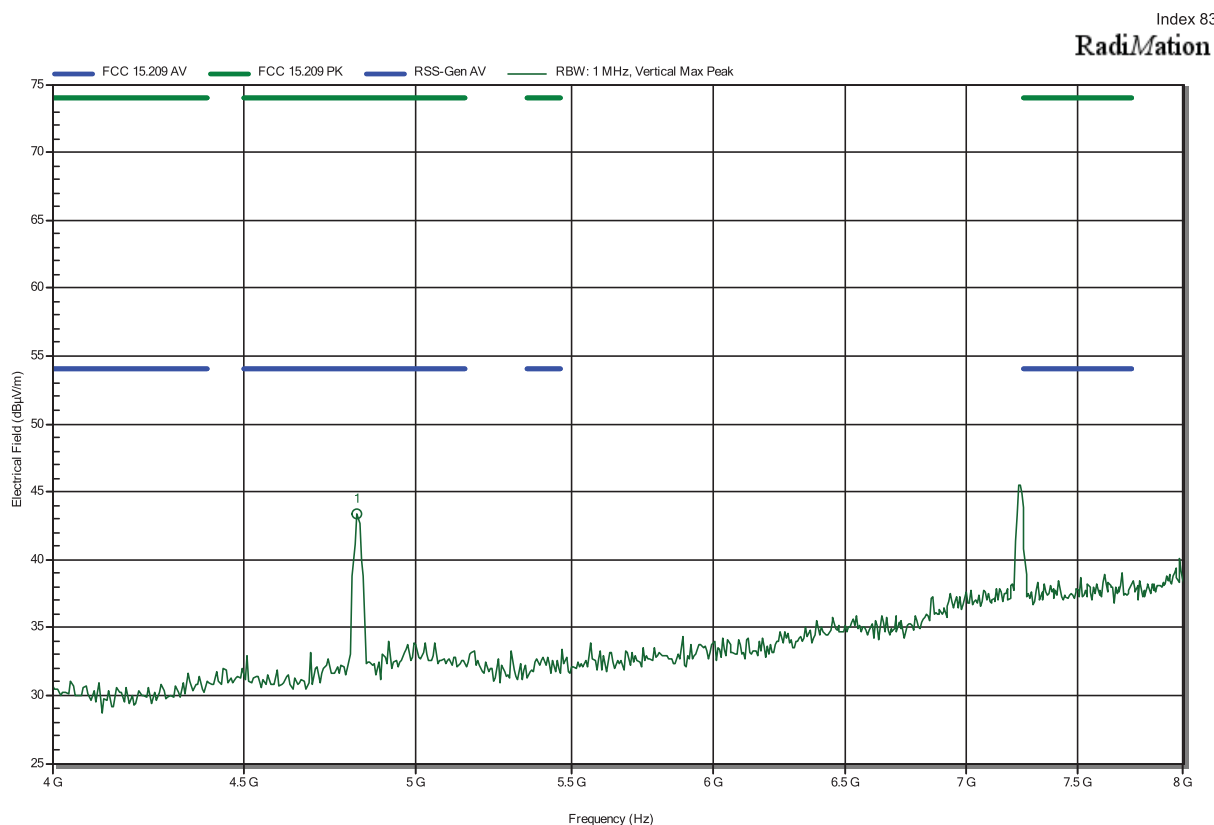
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 Test Site: Eurofins Product Service GmbH
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 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
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 Test Date: 2021-06-09



Radiated Spurious Emissions according to FCC 47 CFR 15.247

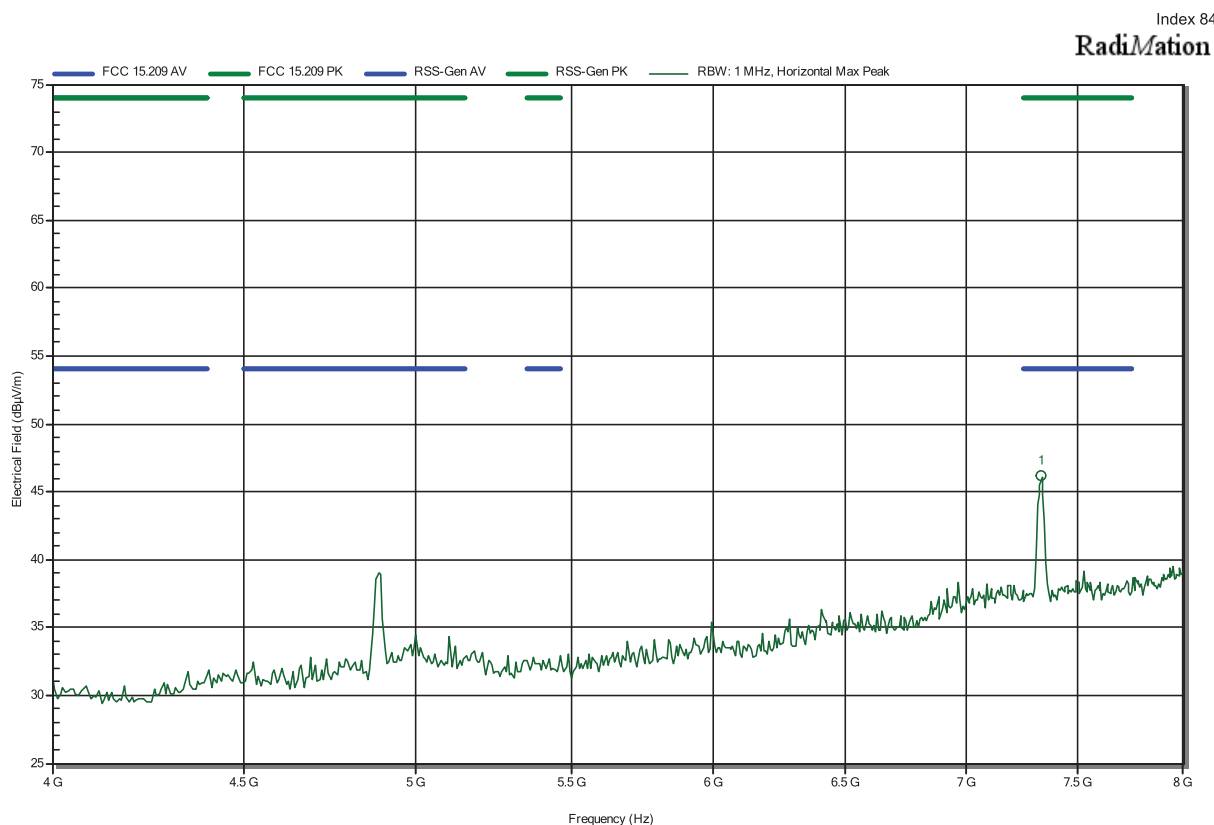
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 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
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 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT20; 2412 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.821 GHz	43.41 dBµV/m	74 dBµV/m	-30.59 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

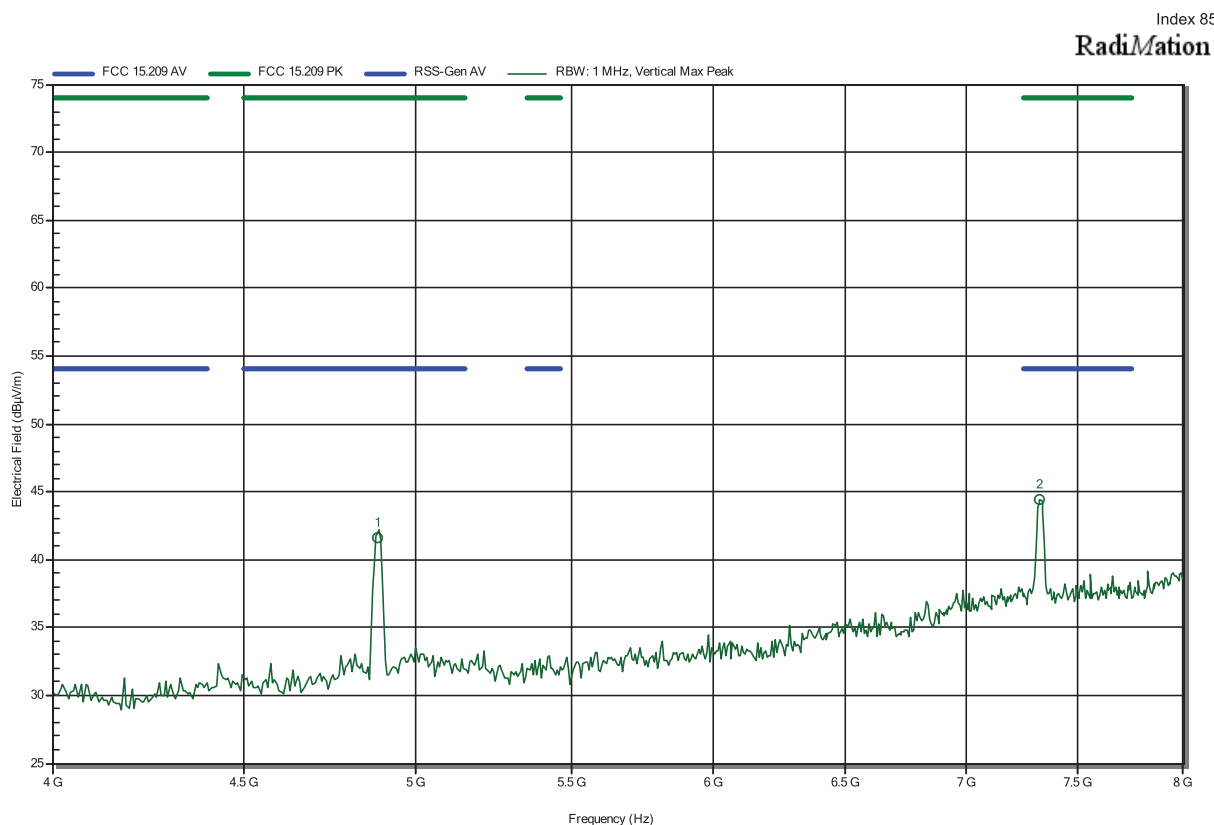
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 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
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 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT20; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
7.333 GHz	46.13 dBµV/m	74 dBµV/m	-27.87 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
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 Mode: Tx; IEEE 802.11n; HT20; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



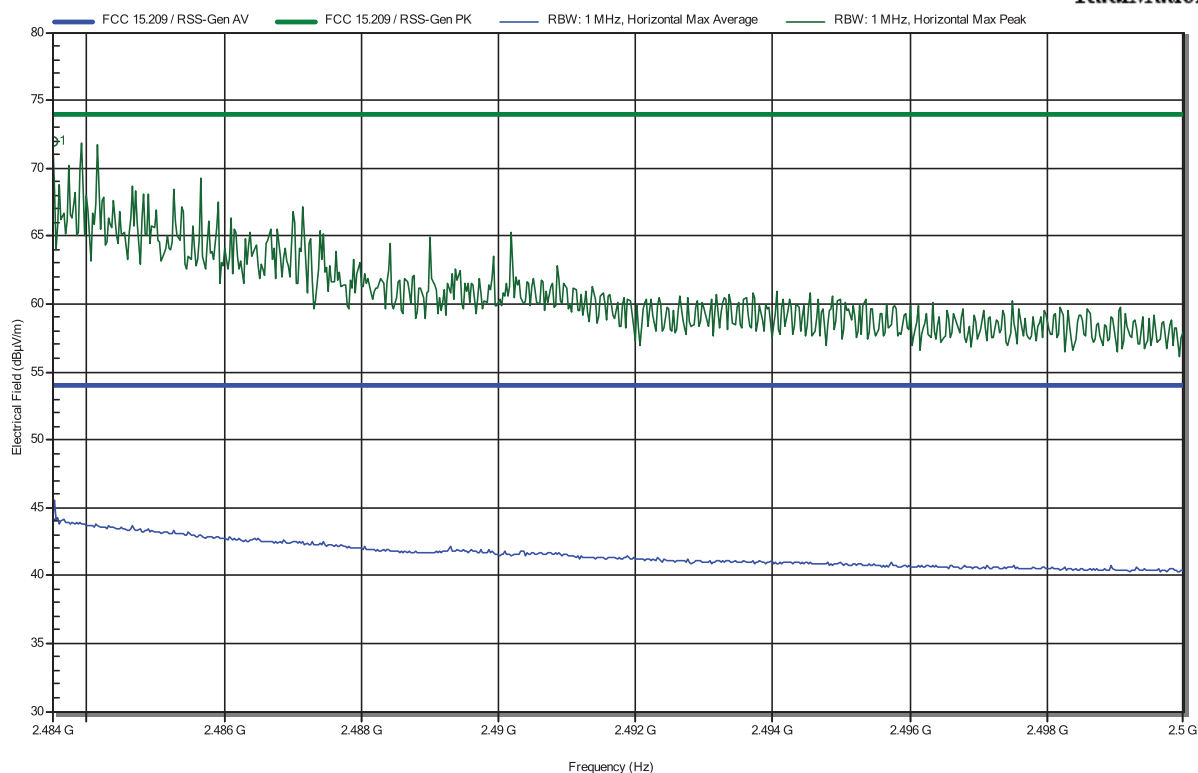
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.885 GHz	41.64 dBµV/m	74 dBµV/m	-32.36 dB	Pass
7.327 GHz	44.4 dBµV/m	74 dBµV/m	-29.6 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
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 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT20; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 upper bandedge

Index 86

RadiMation



Frequency 2.4835 GHz	Peak 72.01 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -1.99 dB	Peak Status Pass
Frequency 2.4835 GHz	Average 44.09 dBµV/m	Average Limit 54 dBµV/m	Average Difference -9.91 dB	Average Status Pass

Test Report No.: G0M-2101-9569-TFC247WF-V01

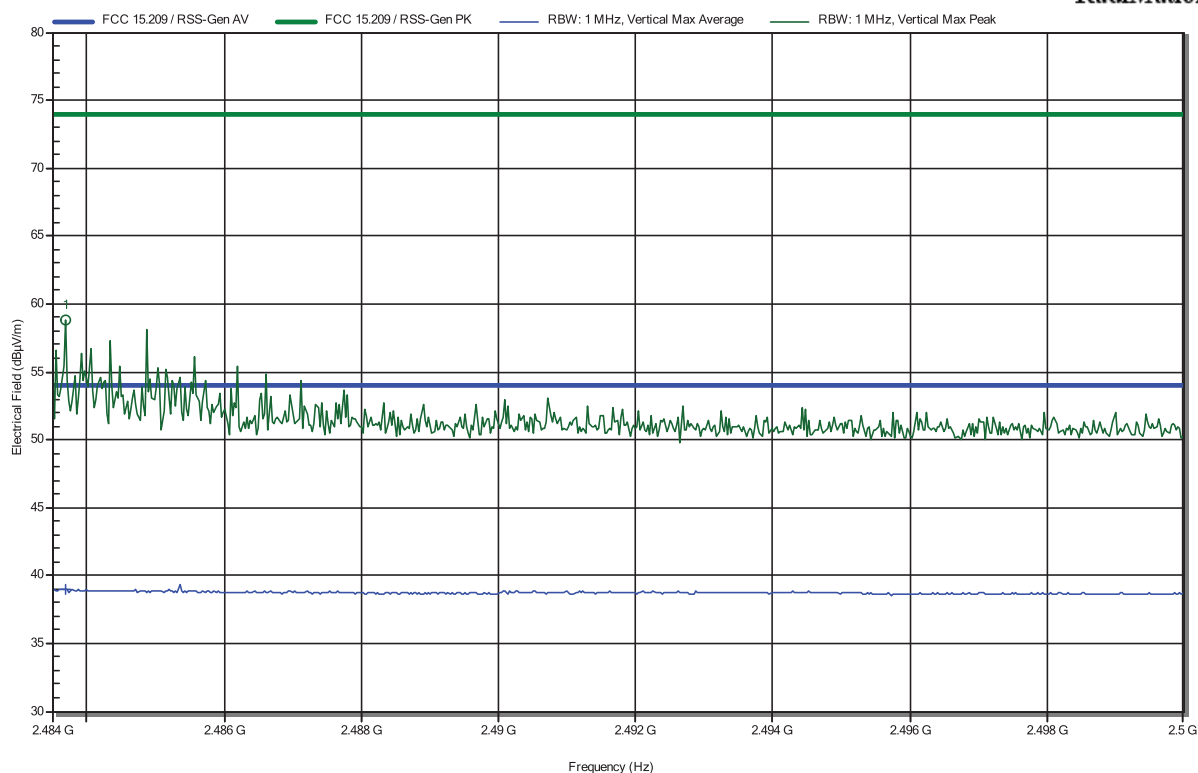
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
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 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT20; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 upper bandedge

Index 88

RadiMation



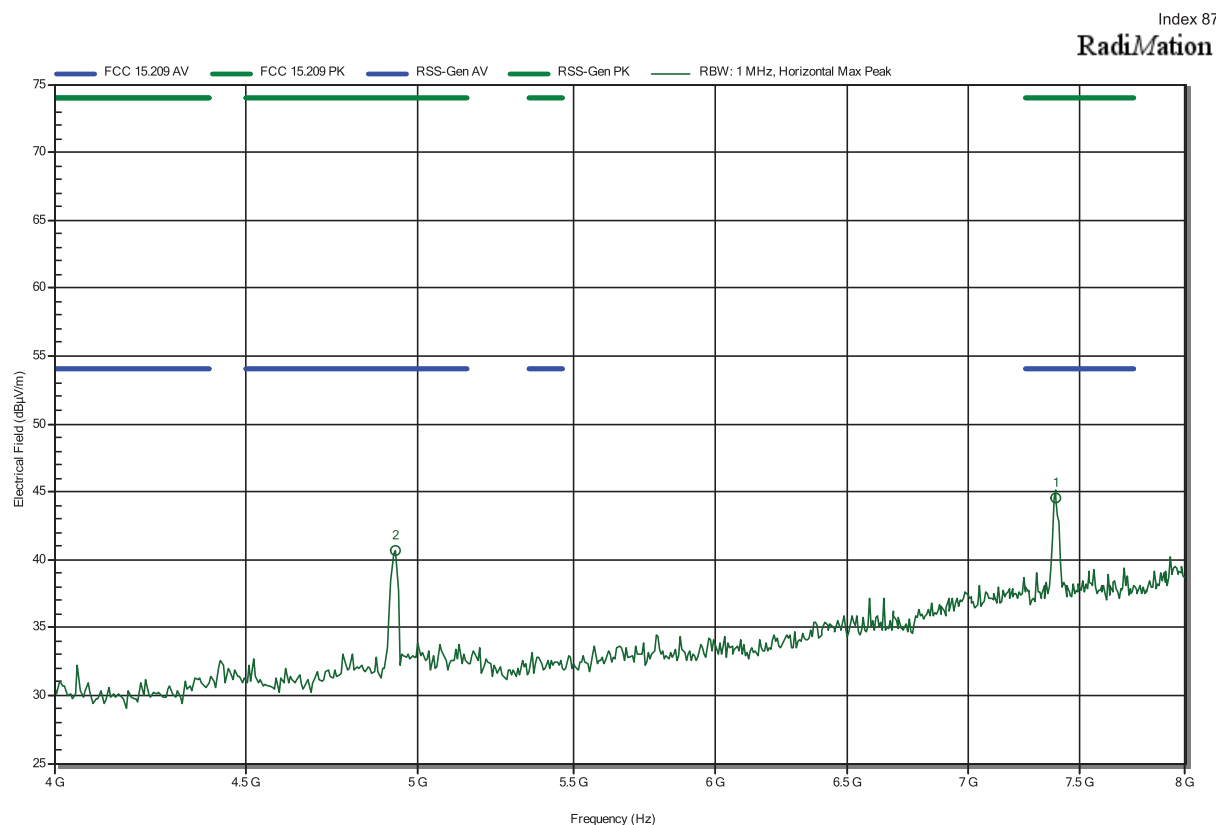
Frequency 2.4837 GHz	Peak 58.77 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -15.23 dB	Peak Status Pass
Frequency 2.4837 GHz	Average 38.93 dBµV/m	Average Limit 54 dBµV/m	Average Difference -15.07 dB	Average Status Pass

Test Report No.: G0M-2101-9569-TFC247WF-V01

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

Radiated Spurious Emissions according to FCC 47 CFR 15.247

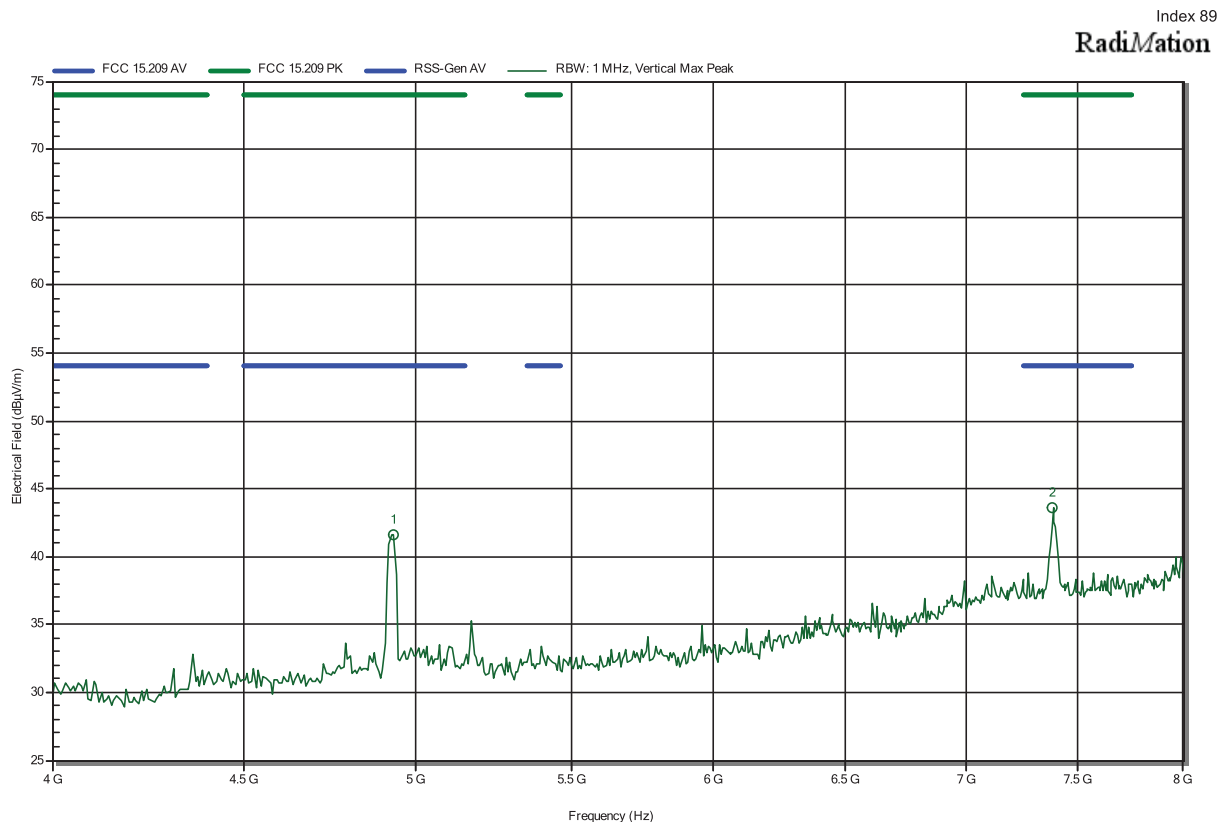
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 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT20; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.929 GHz	40.71 dBµV/m	74 dBµV/m	-33.29 dB	Pass
7.391 GHz	44.55 dBµV/m	74 dBµV/m	-29.45 dB	Pass

Radiated Spurious Emissions according to FCC 47 CFR 15.247

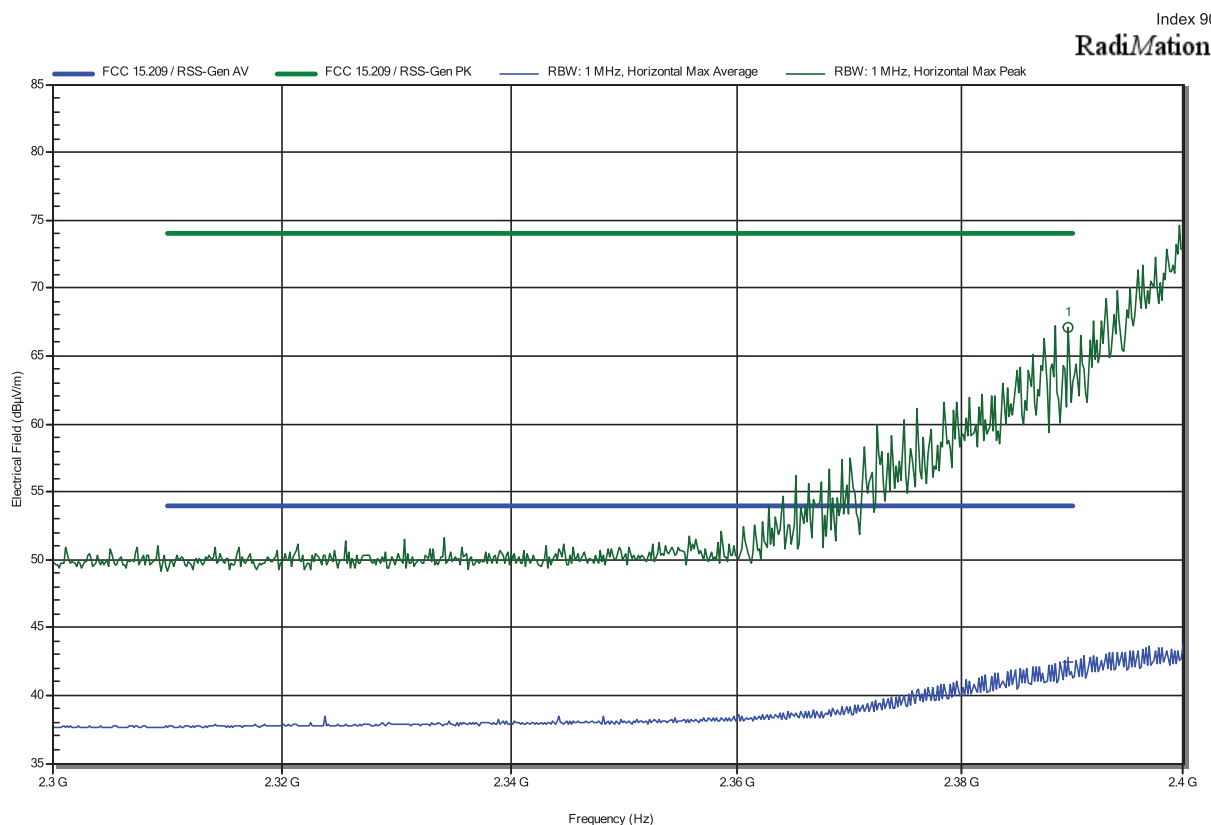
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 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT20; 2462 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.929 GHz	41.63 dBµV/m	74 dBµV/m	-32.37 dB	Pass
7.385 GHz	43.65 dBµV/m	74 dBµV/m	-30.35 dB	Pass

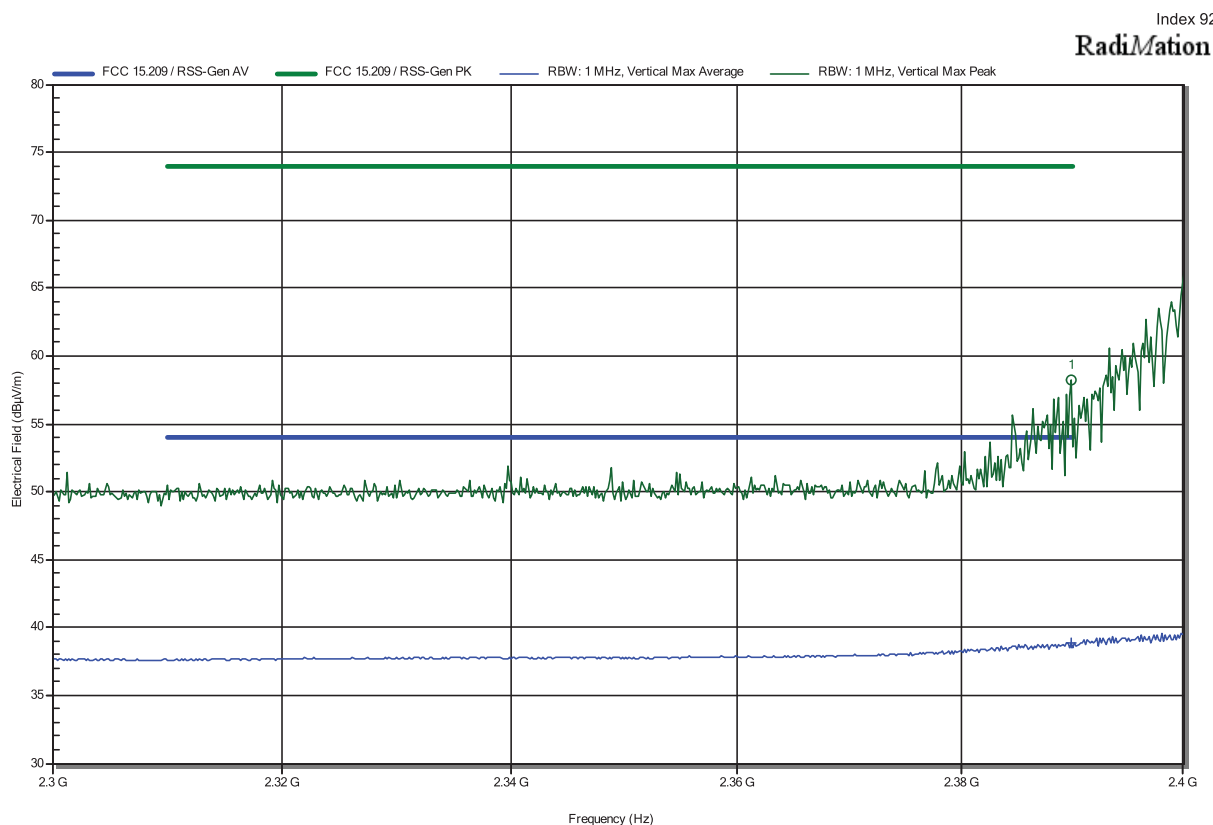
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 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
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 Measurement distance: 1 m, converted to 3 m
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 Test Date: 2021-06-09
 lower bandedge



Radiated Spurious Emissions according to FCC 47 CFR 15.247

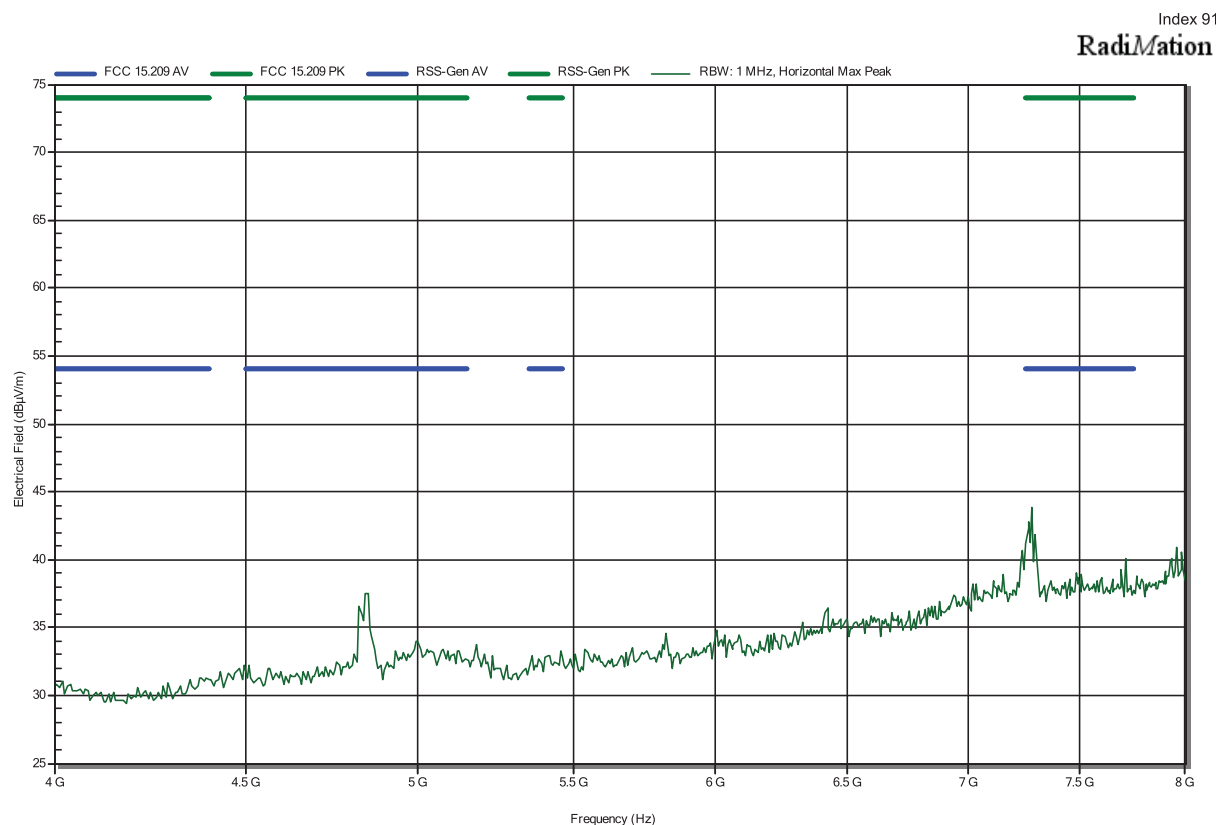
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 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT40; 2422 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 lower bandedge



Frequency 2.3899 GHz	Peak 58.18 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -15.82 dB	Peak Status Pass
Frequency 2.3899 GHz	Average 38.91 dBµV/m	Average Limit 54 dBµV/m	Average Difference -15.09 dB	Average Status Pass

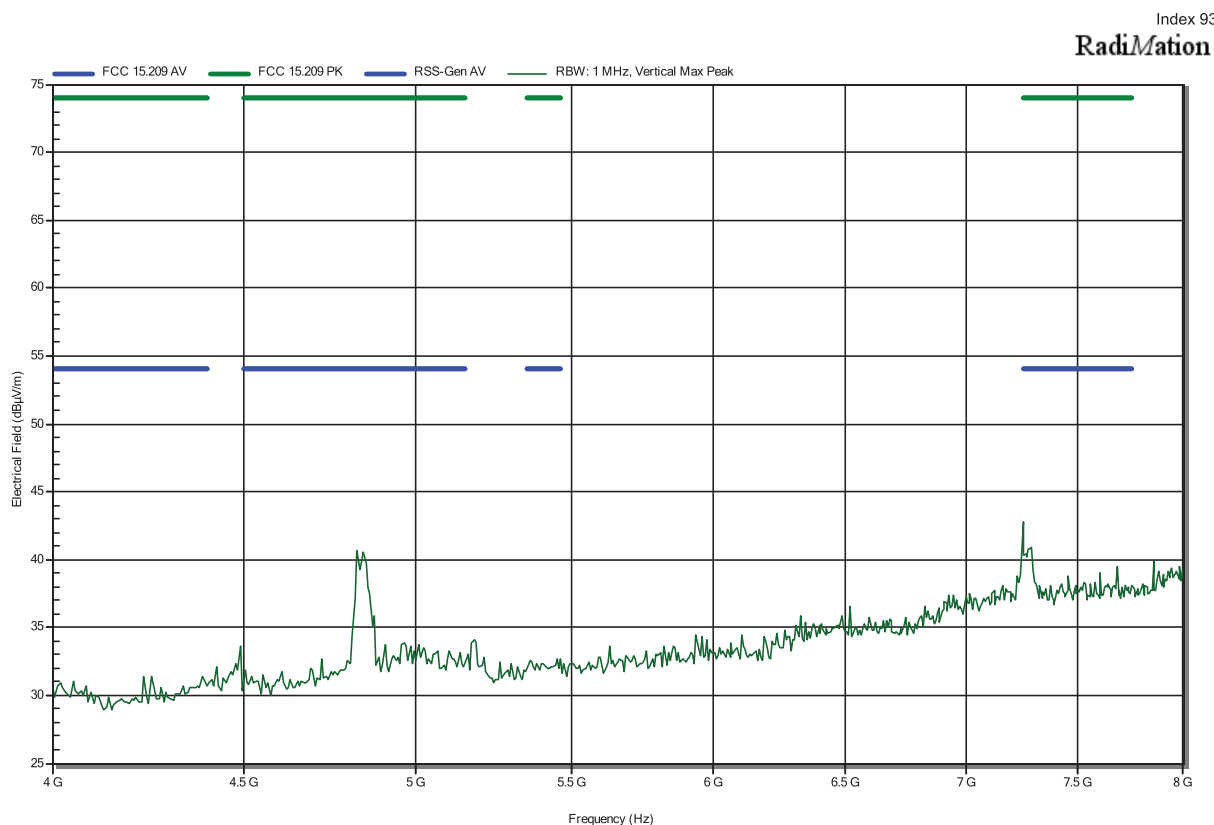
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 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
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 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
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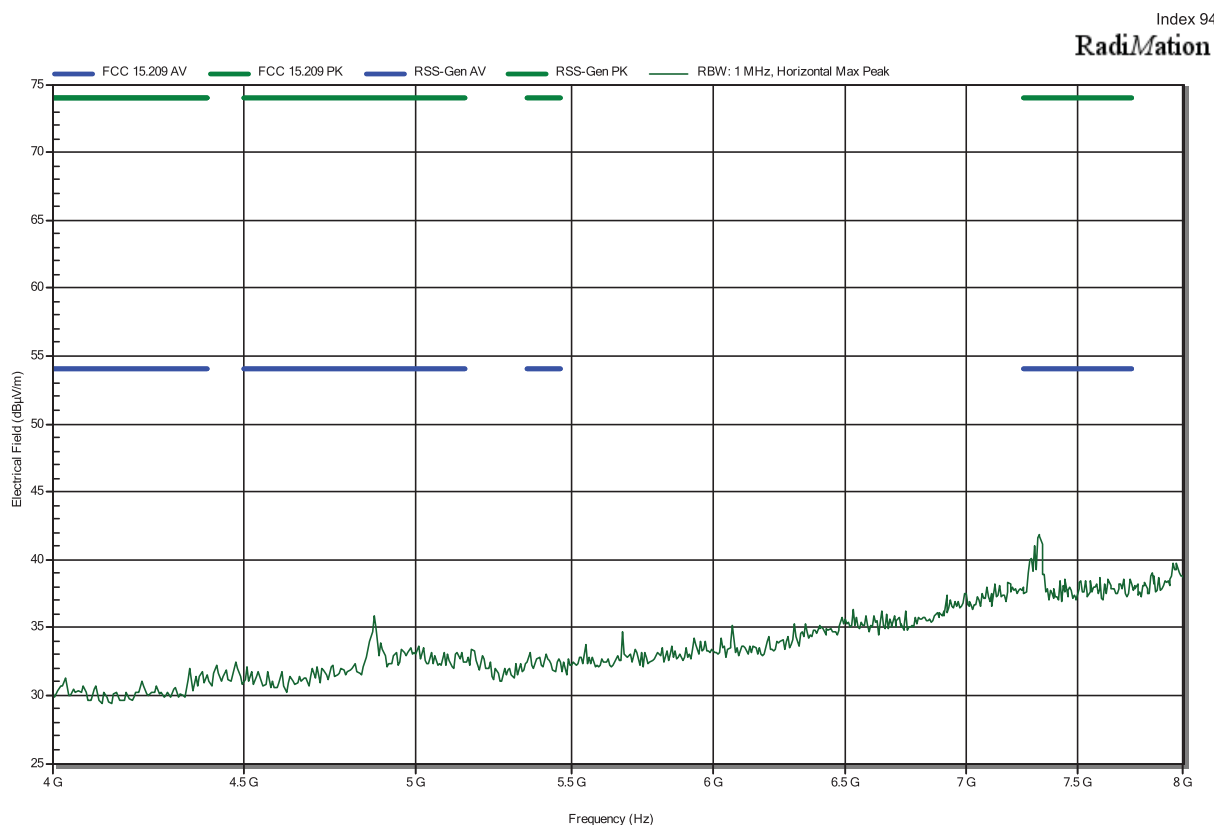
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 Antenna: Schwarzbeck BBHA 9120D, Vertical
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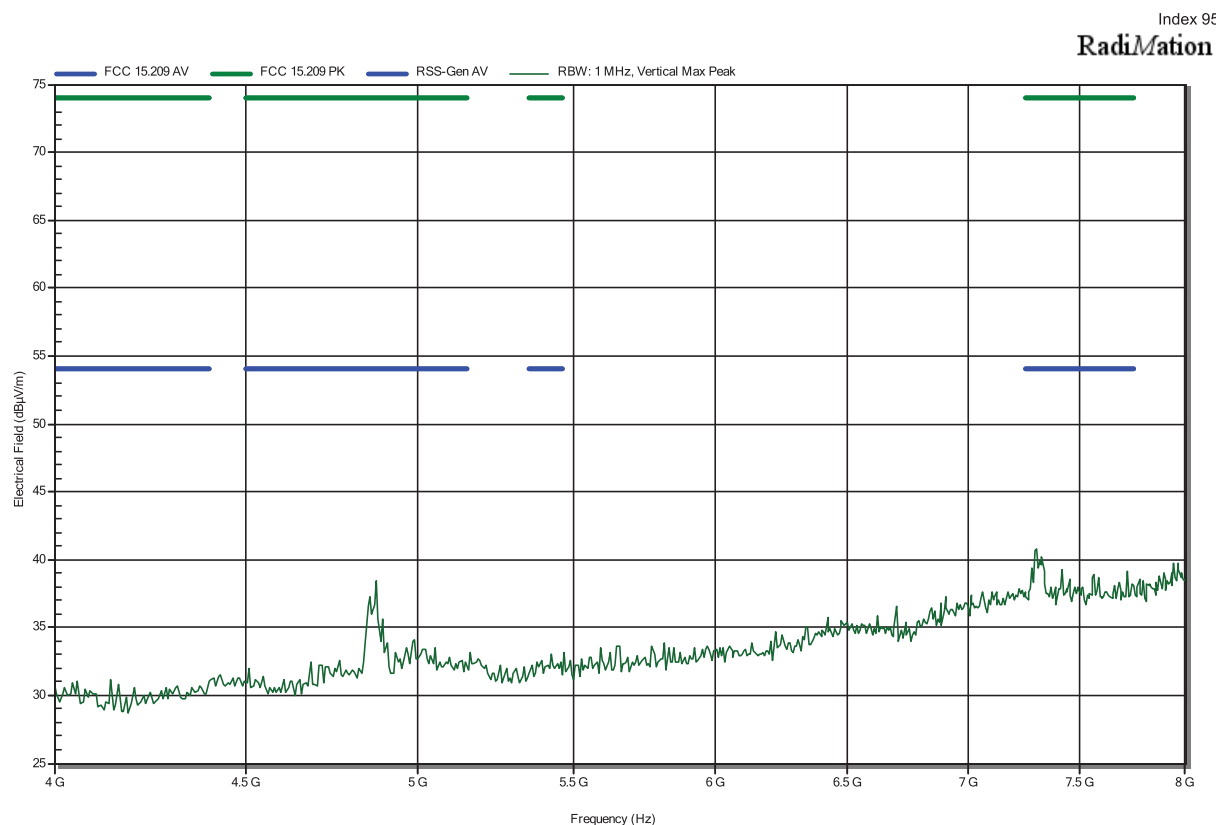
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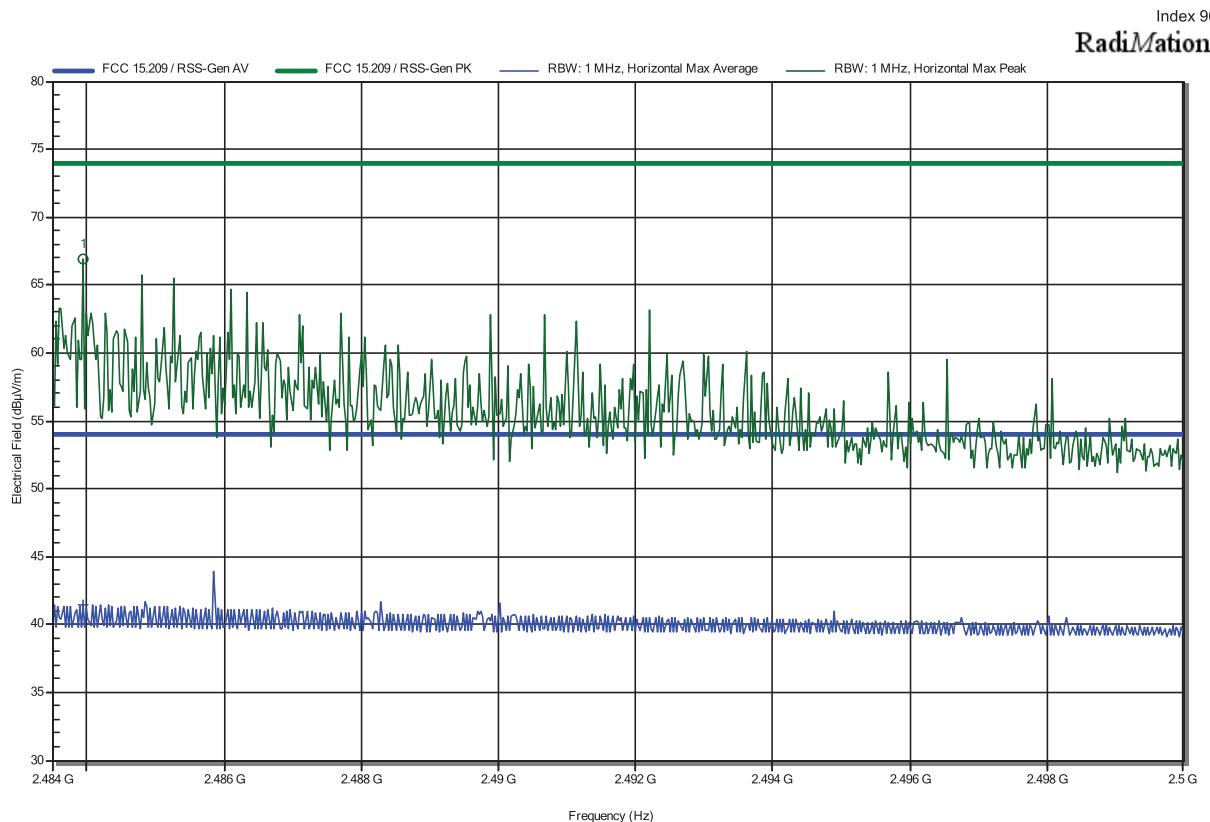
Radiated Spurious Emissions according to FCC 47 CFR 15.247

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT40; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



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 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT40; 2452 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09
 upper bandedge



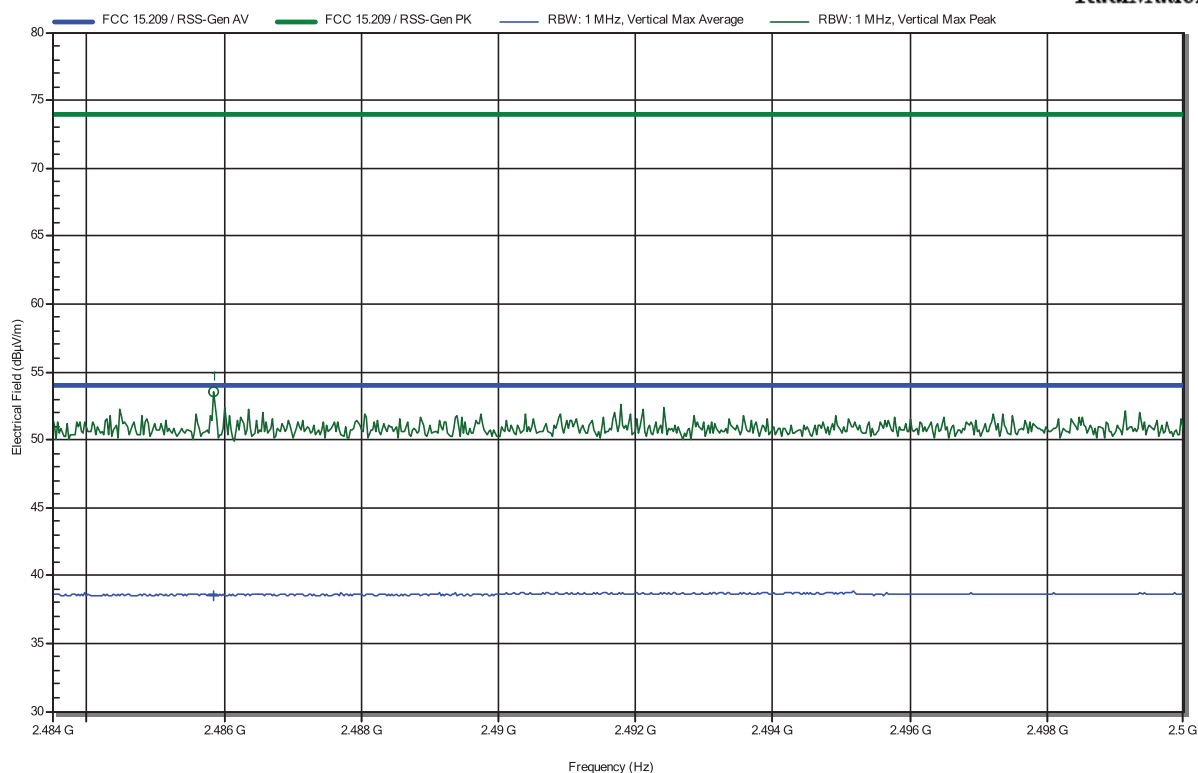
Frequency 2.4839 GHz	Peak 66.92 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -7.08 dB	Peak Status Pass
Frequency 2.4839 GHz	Average 41.4 dBµV/m	Average Limit 54 dBµV/m	Average Difference -12.6 dB	Average Status Pass

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 Test Date: 2021-06-09
 upper bandedge

Index 98

RadiMation



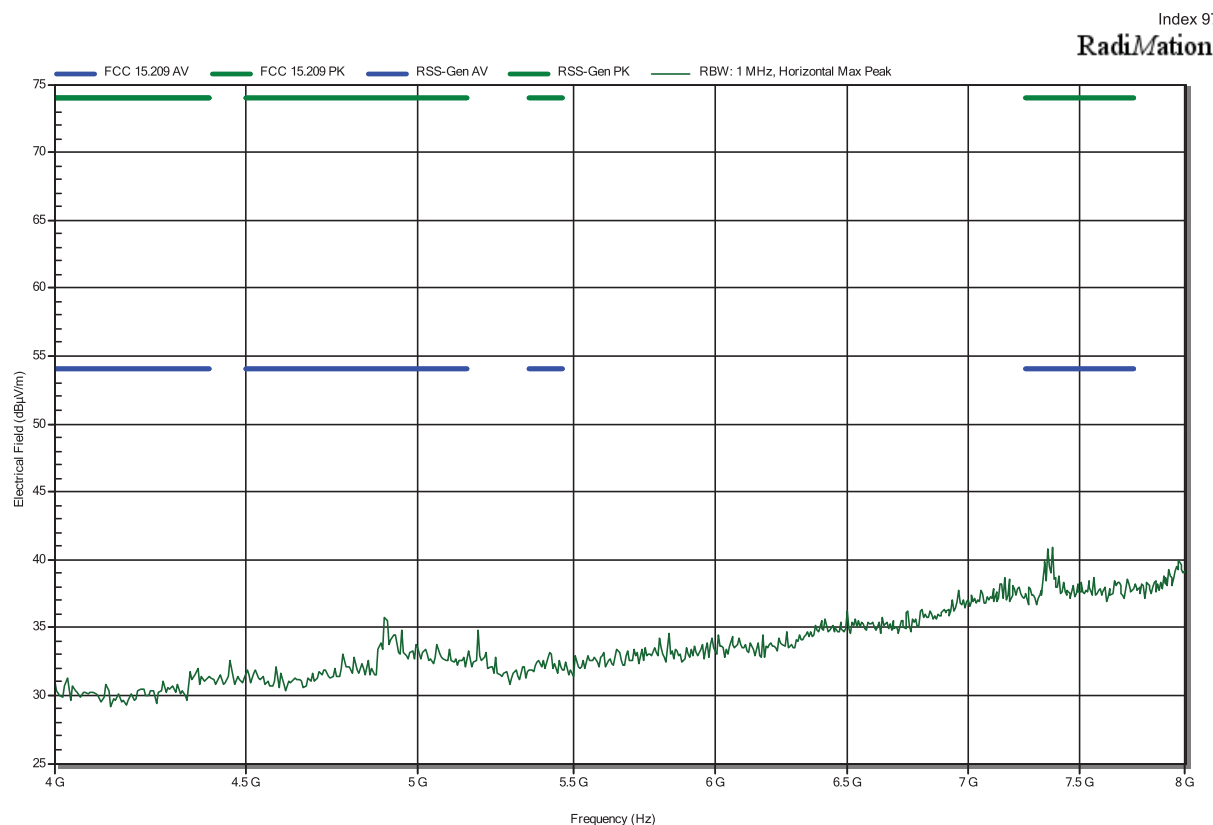
Frequency 2.4859 GHz	Peak 53.52 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -20.48 dB	Peak Status Pass
Frequency 2.4859 GHz	Average 38.52 dBµV/m	Average Limit 54 dBµV/m	Average Difference -15.48 dB	Average Status Pass

Test Report No.: G0M-2101-9569-TFC247WF-V01

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

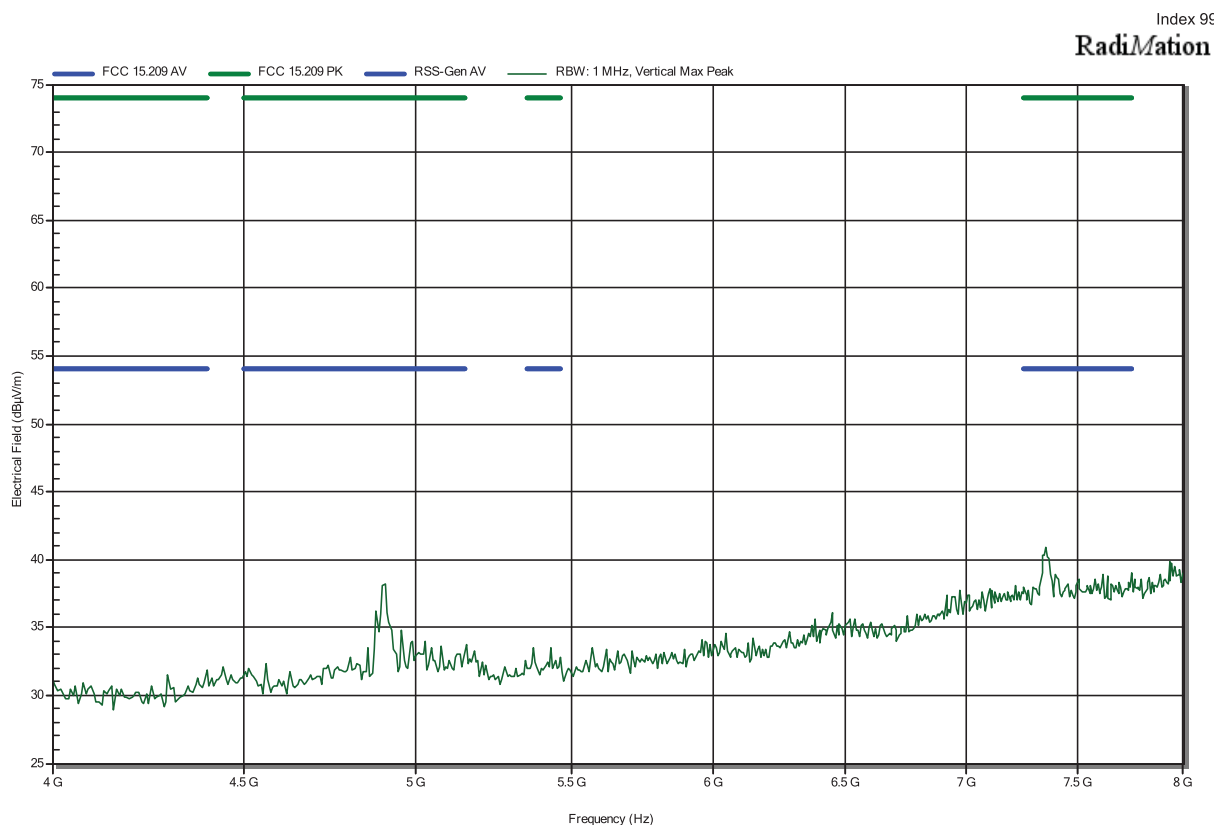
Radiated Spurious Emissions according to FCC 47 CFR 15.247

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 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT40; 2452 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



Radiated Spurious Emissions according to FCC 47 CFR 15.247

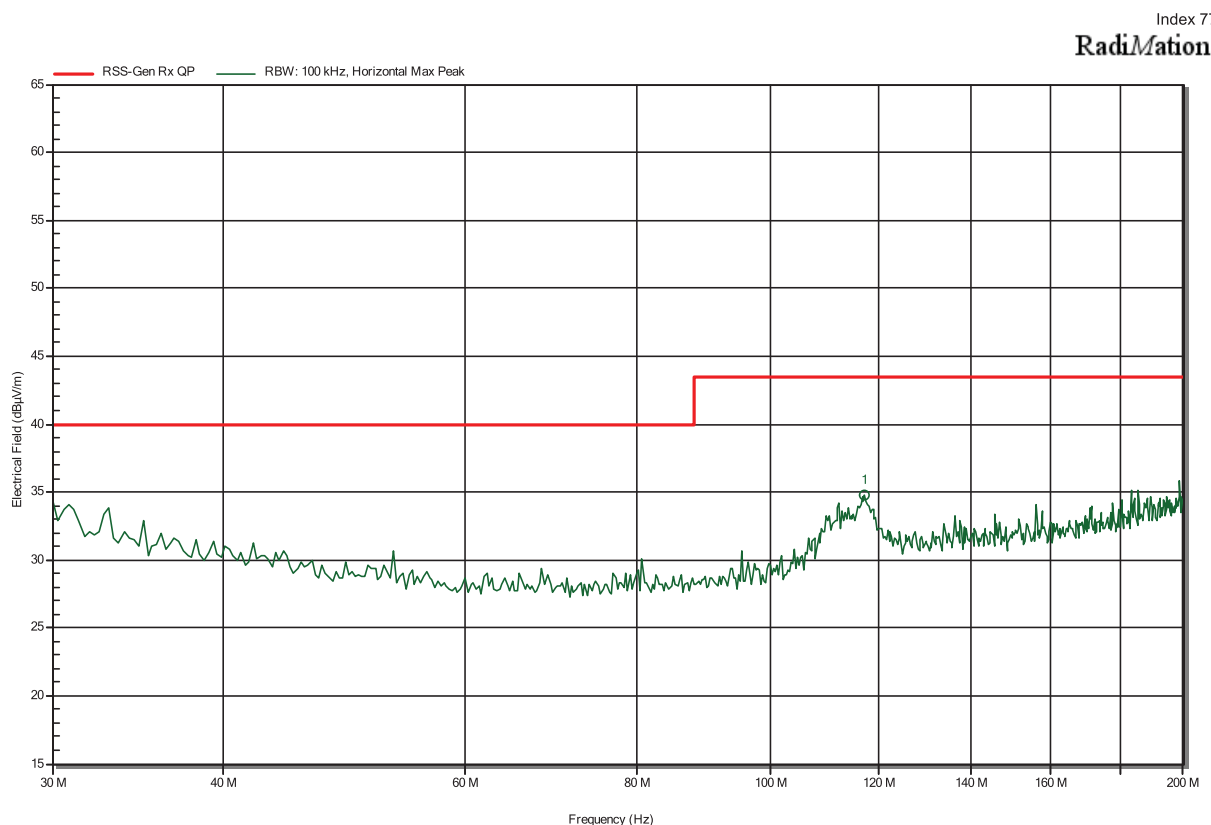
Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
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 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11n; HT40; 2452 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-09



ANNEX B Receiver spurious emissions

Radiated Spurious Emissions according to ISED RSS-247 Issue 2 (February 2017)

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Rohde & Schwarz HK 116, Horizontal
 Measurement distance: 3 m
 Mode: Rx; IEEE 802.11b; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
117.179 MHz	34.78 dBµV/m	43.5 dBµV/m	-8.72 dB	Pass

Test Report No.: G0M-2101-9569-TFC247WF-V01

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

Radiated Spurious Emissions according to ISED RSS-247 Issue 2 (February 2017)

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 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34967, A1 8 SerNr: 826
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 22 °Celsius, Vnom: 3.3 VDC
 Antenna: Rohde & Schwarz HK 116, Vertical
 Measurement distance: 3 m
 Mode: Rx; IEEE 802.11b; 2437 MHz; #A1 8 SerNr: 826
 Test Date: 2021-06-08

Index 78

RadiMation

