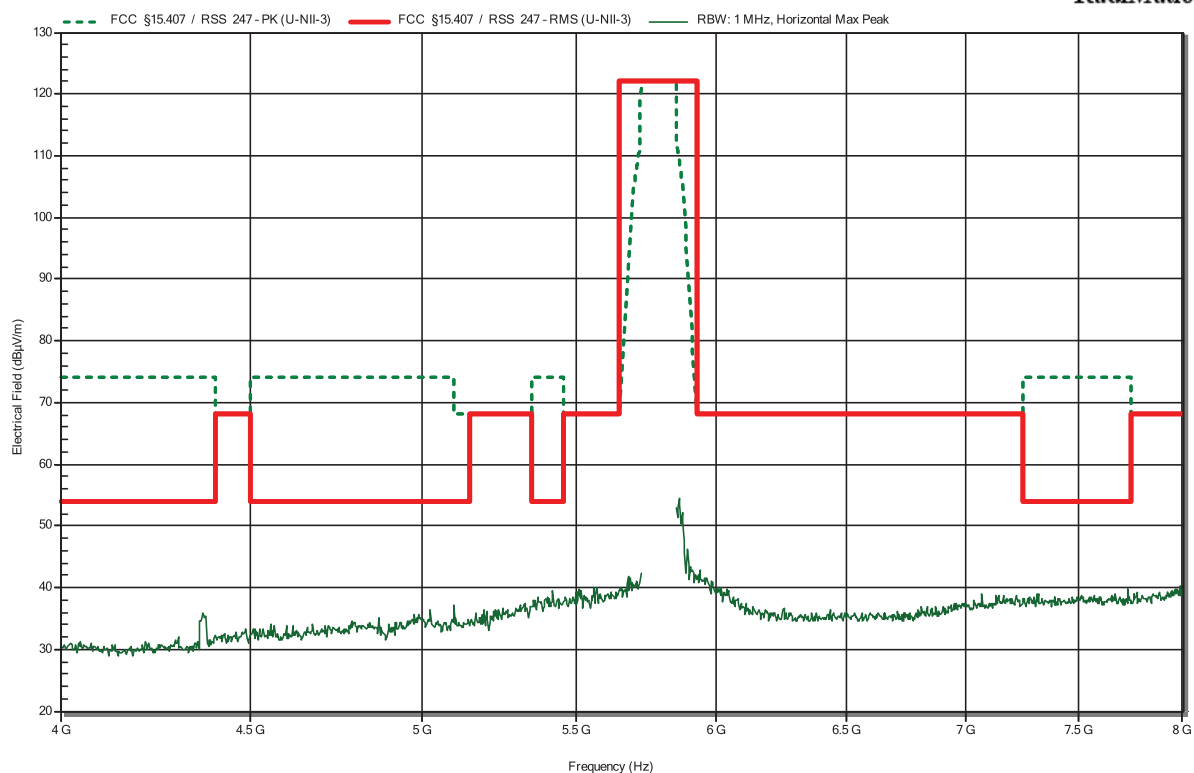


Radiated Spurious Emissions according to FCC 15.407

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: 34968 (A1 8 SerNr: 826)
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

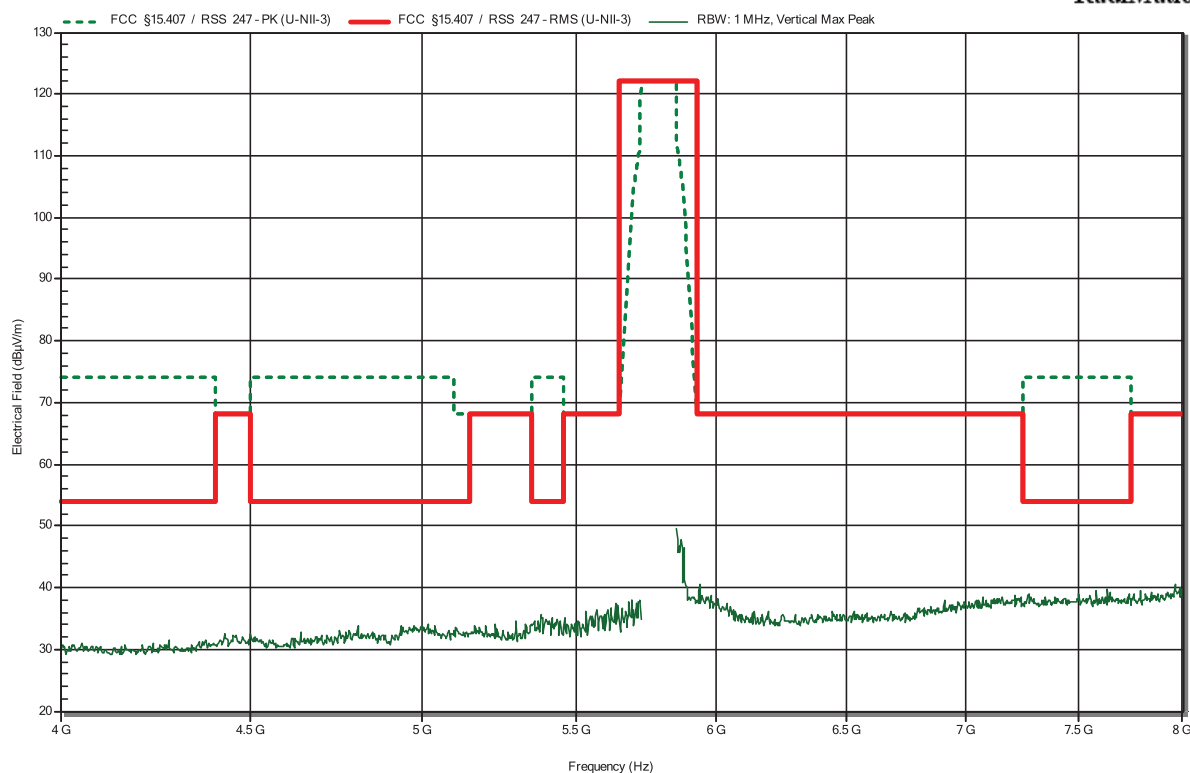


Radiated Spurious Emissions according to FCC 15.407

Project Number: G0M-2101-9569
 Applicant: Panasonic Industrial Devices Europe GmbH
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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

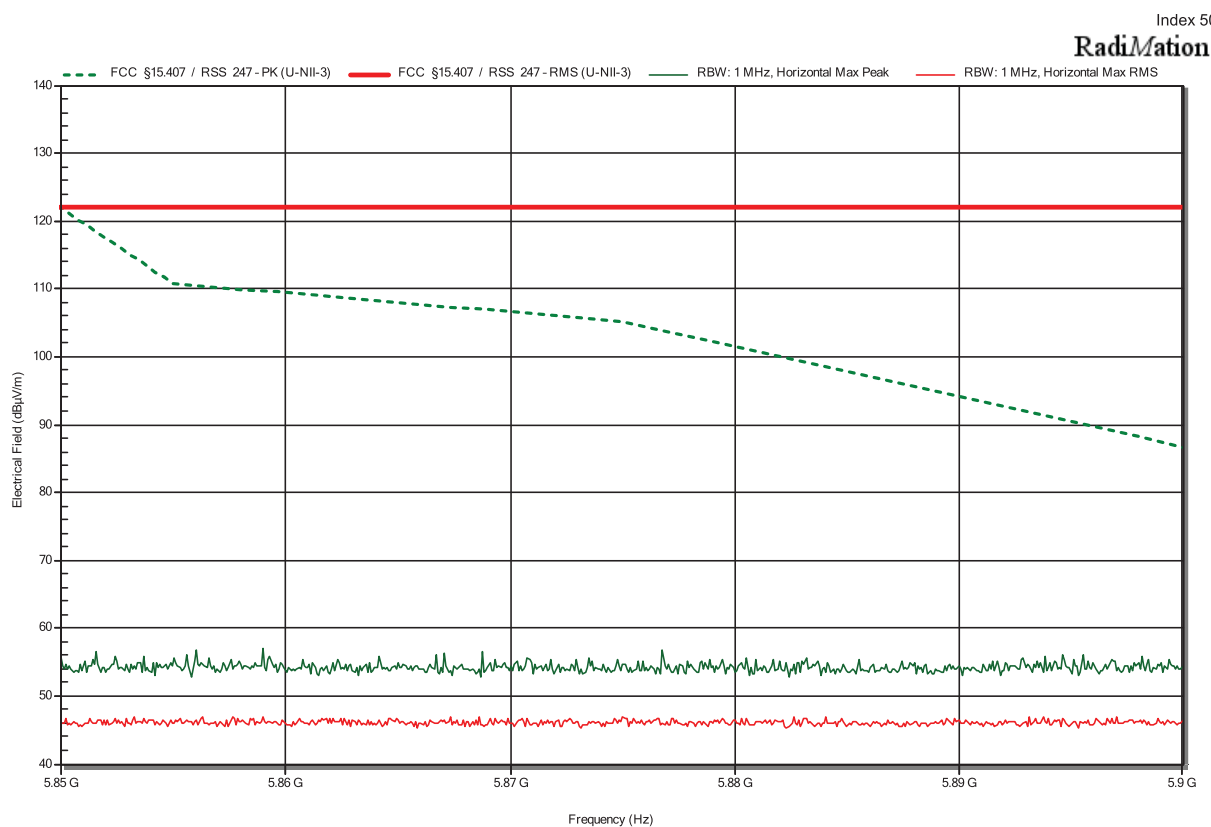
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RadiMation



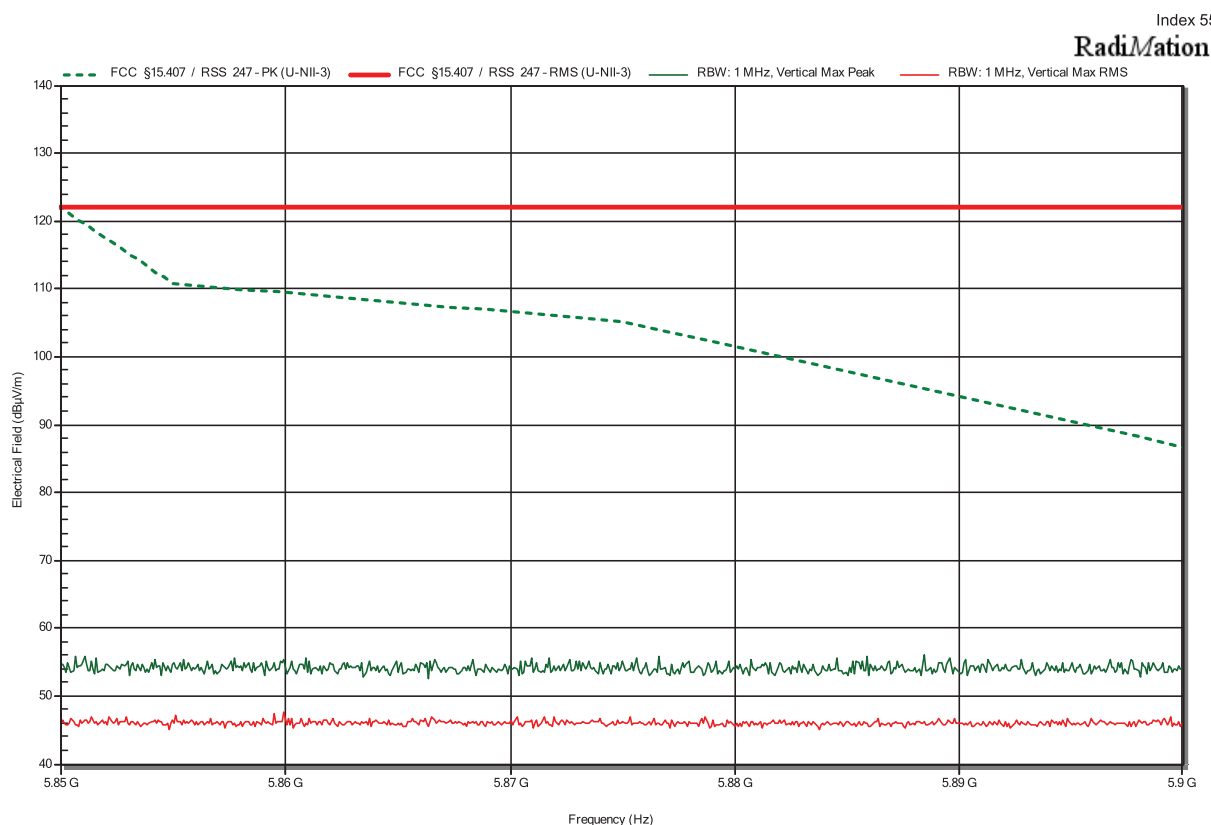
Radiated Spurious Emissions according to FCC 15.407

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
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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-19
 Note: upper band area



Radiated Spurious Emissions according to FCC 15.407

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 Operator: Wilfried Treffke
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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-19
 Note: upper band area

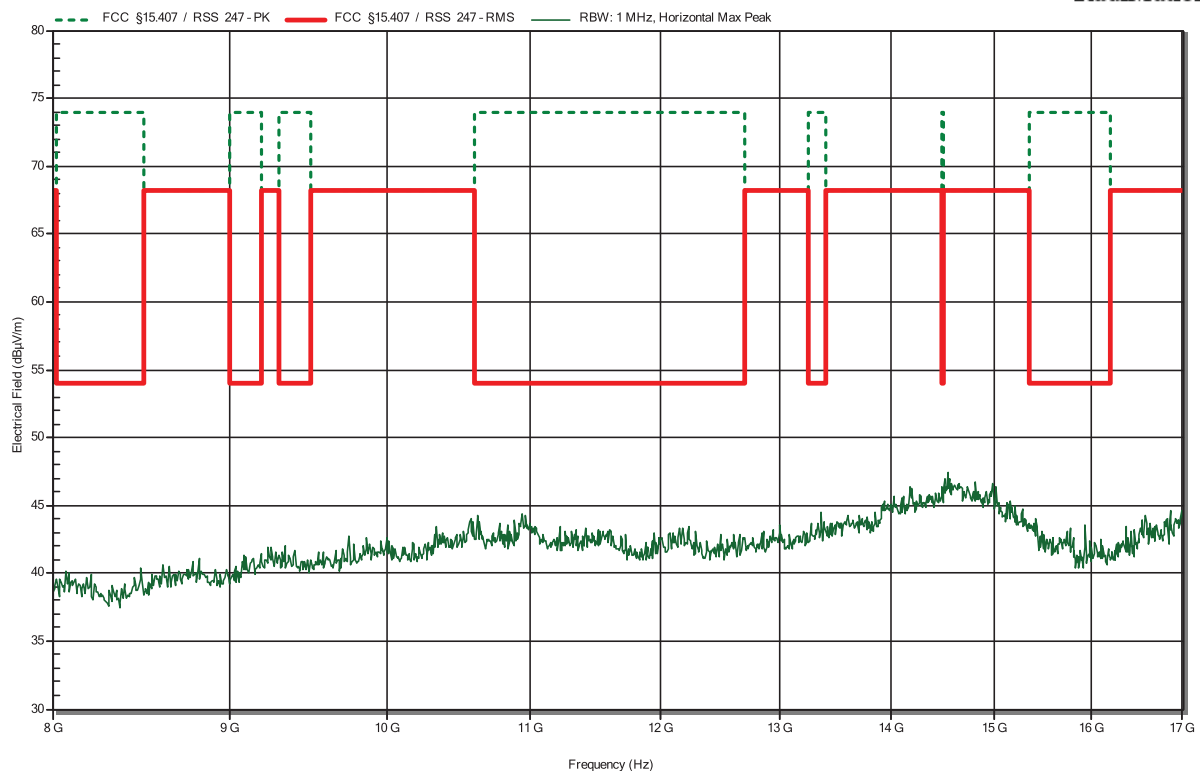


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 Operator: Wilfried Treffke
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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

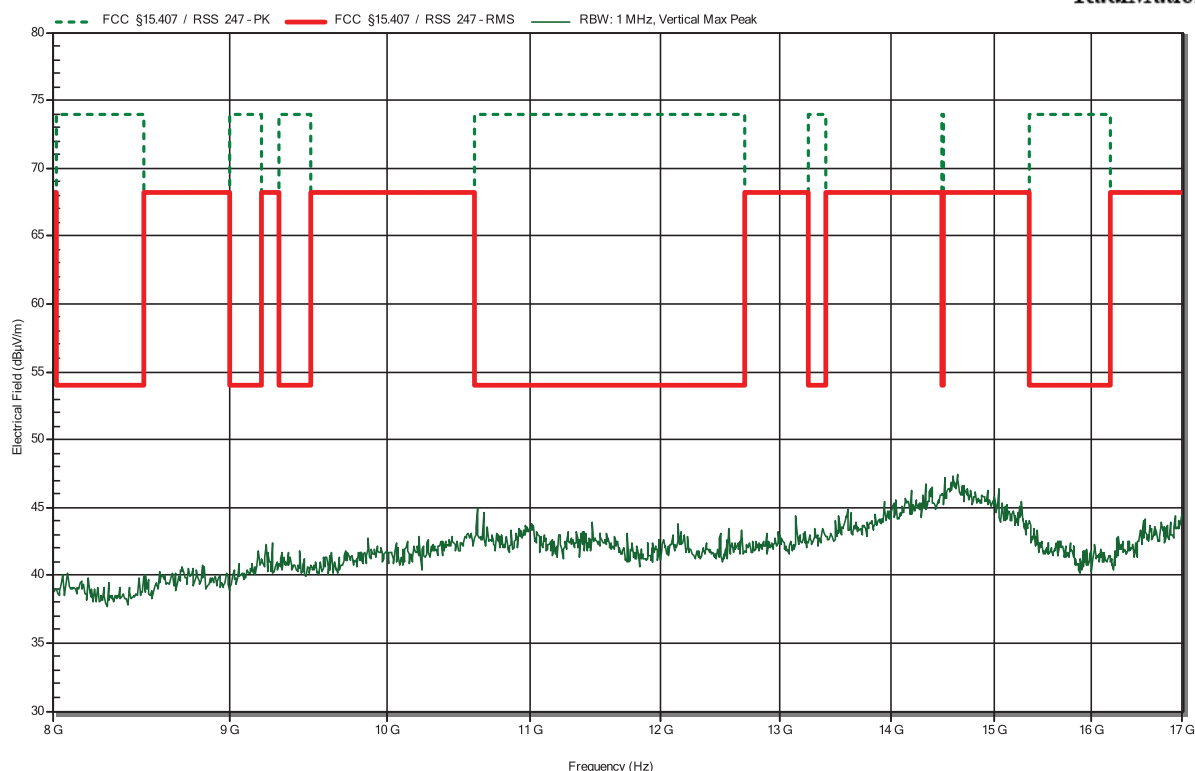


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 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

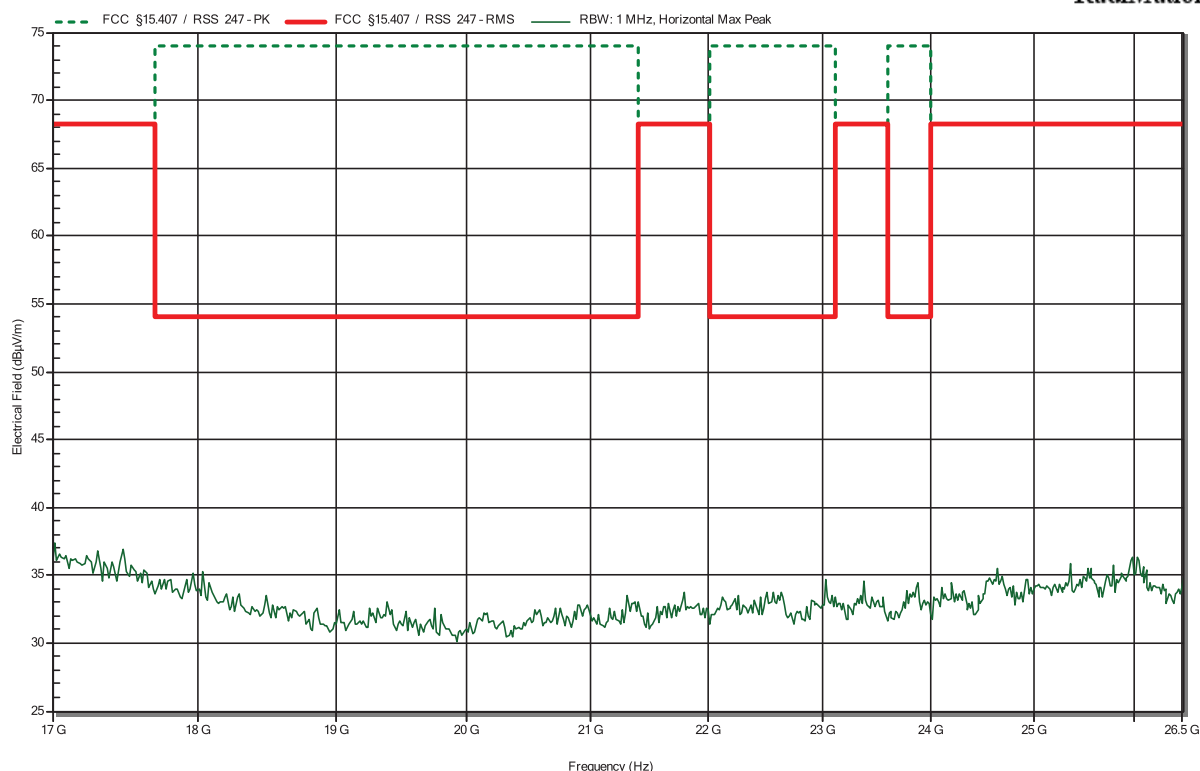


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 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

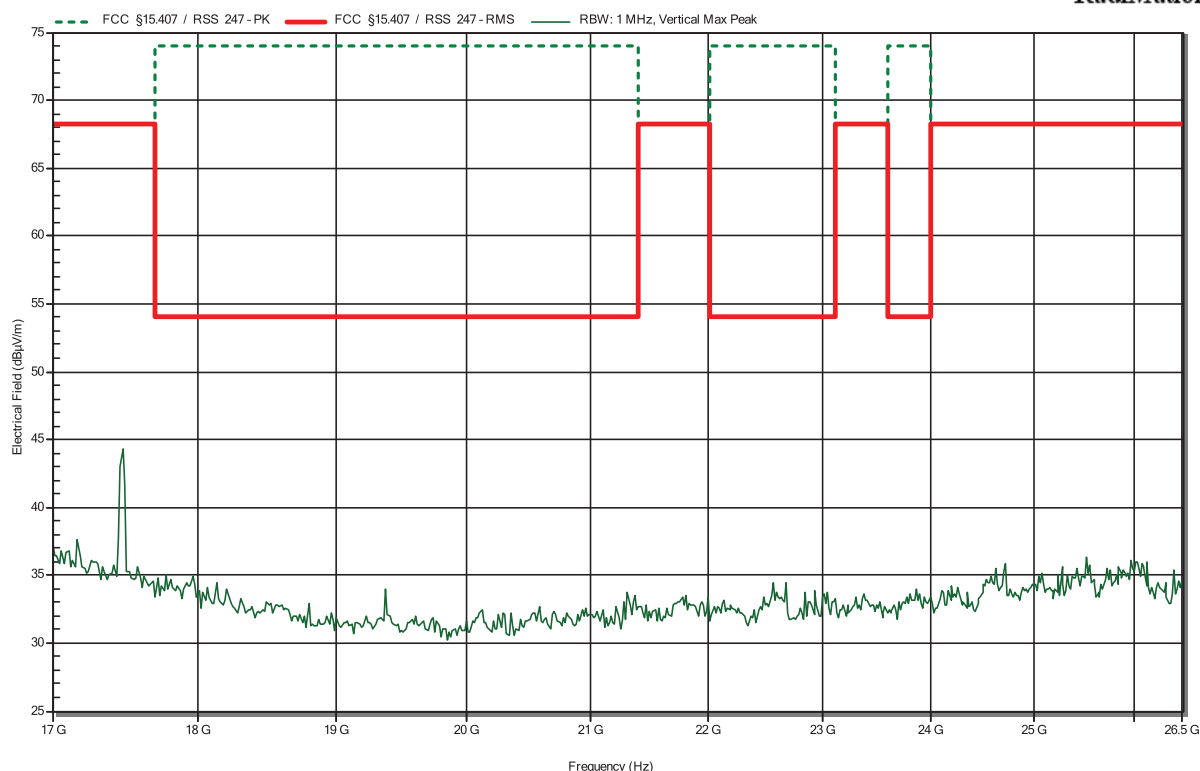


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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

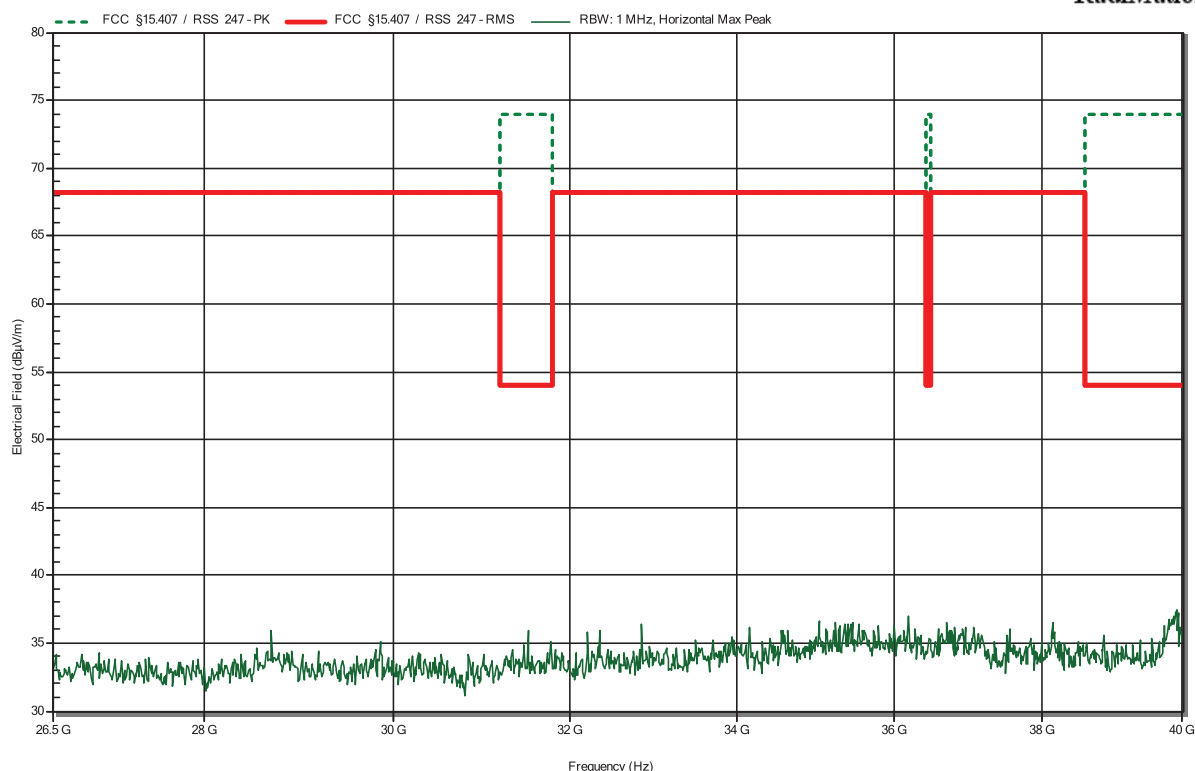


Radiated Spurious Emissions according to FCC 15.407

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 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Flann Microwave Ltd 22240-25+CBL26402075, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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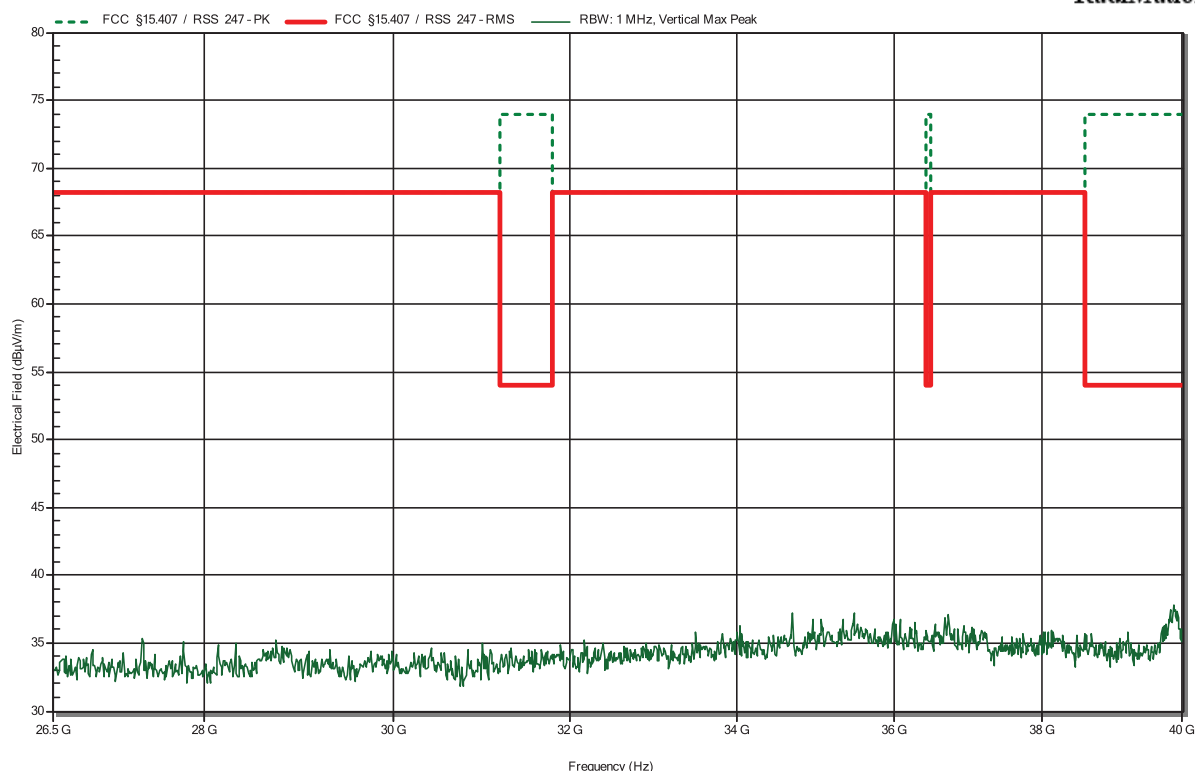


Radiated Spurious Emissions according to FCC 15.407

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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Flann Microwave Ltd 22240-25+CBL26402075, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11 a; U-NII-3; 5825 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

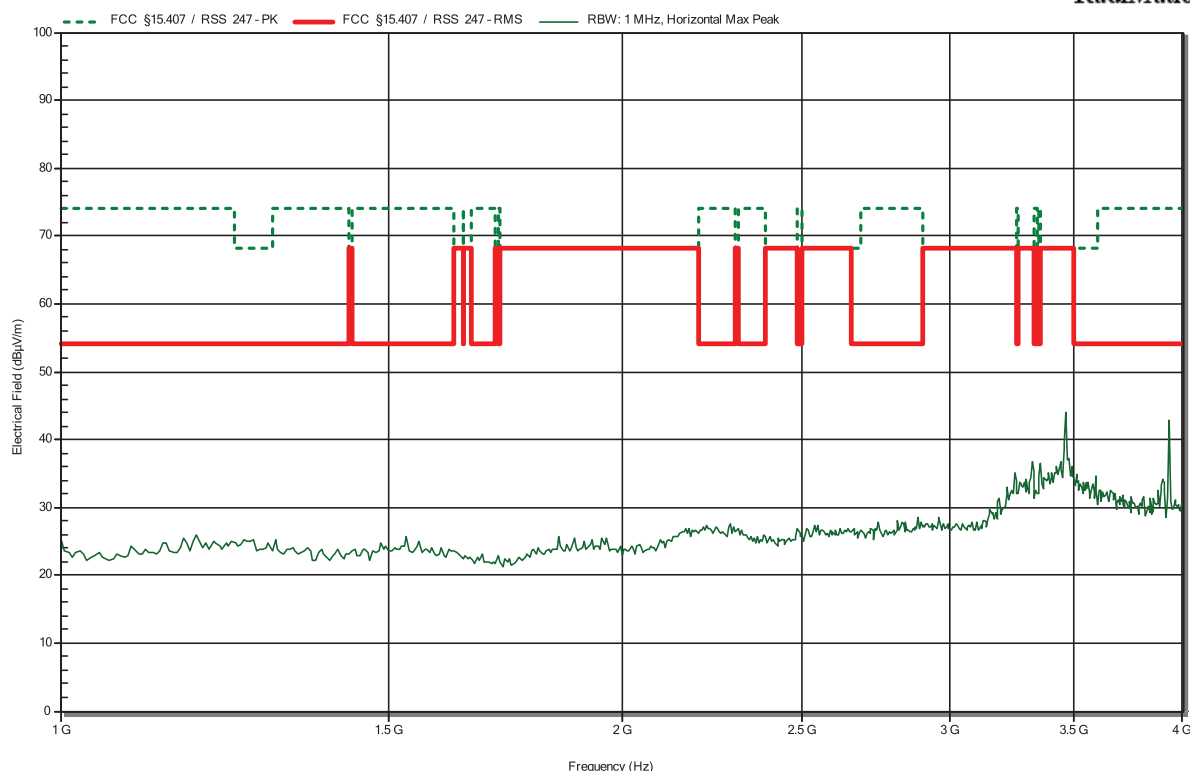


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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

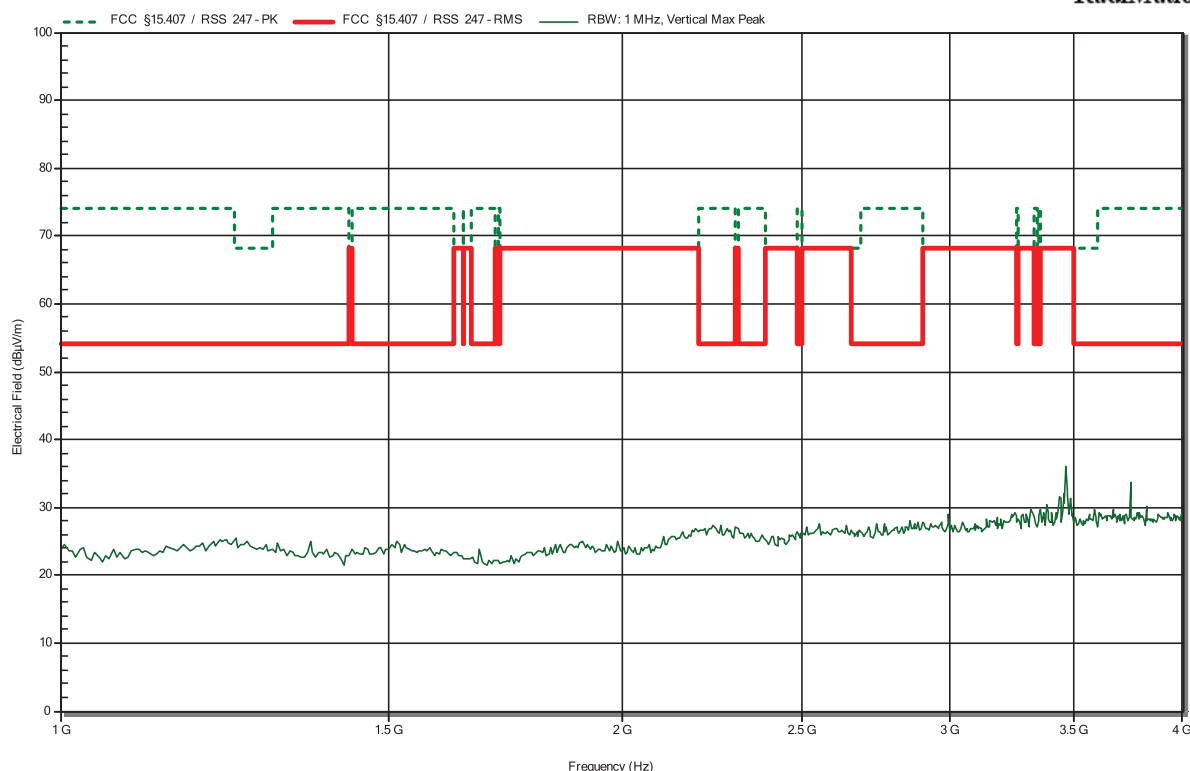


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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

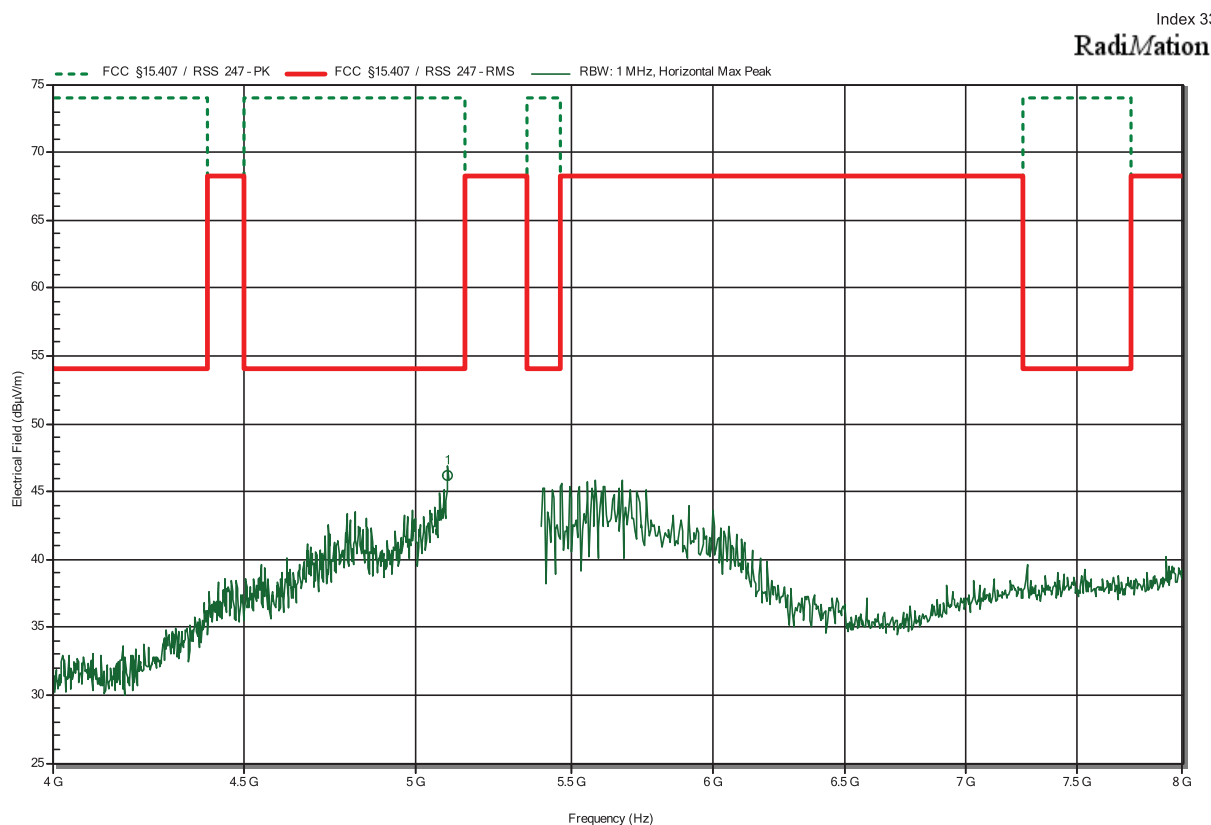
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Radiated Spurious Emissions according to FCC 15.407

Project Number: G0M-2101-9569
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 Model: ENWF9408A1EF
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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal



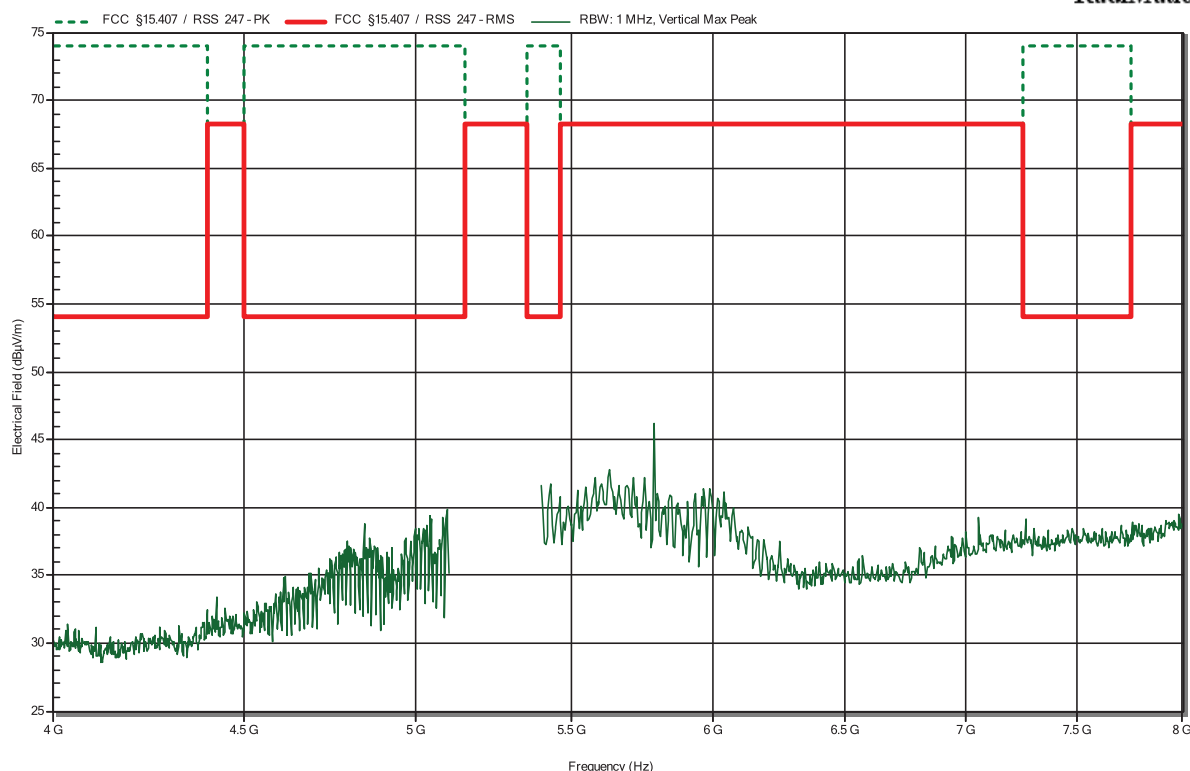
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
5.098 GHz	46.24 dBµV/m	74 dBµV/m	-27.76 dB	Pass

Radiated Spurious Emissions according to FCC 15.407

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 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

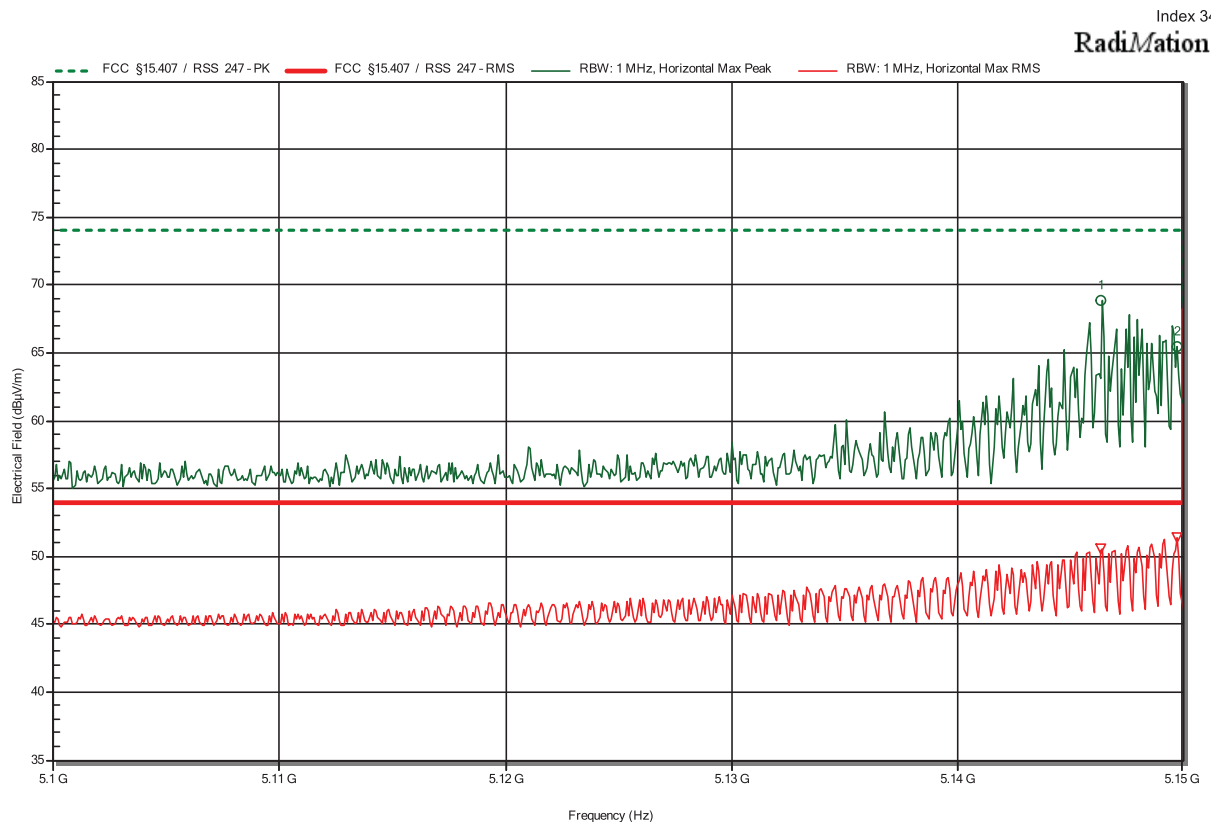
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RadiMation



Radiated Spurious Emissions according to FCC 15.407

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: 34968 (A1 8 SerNr: 826)
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: lower band area

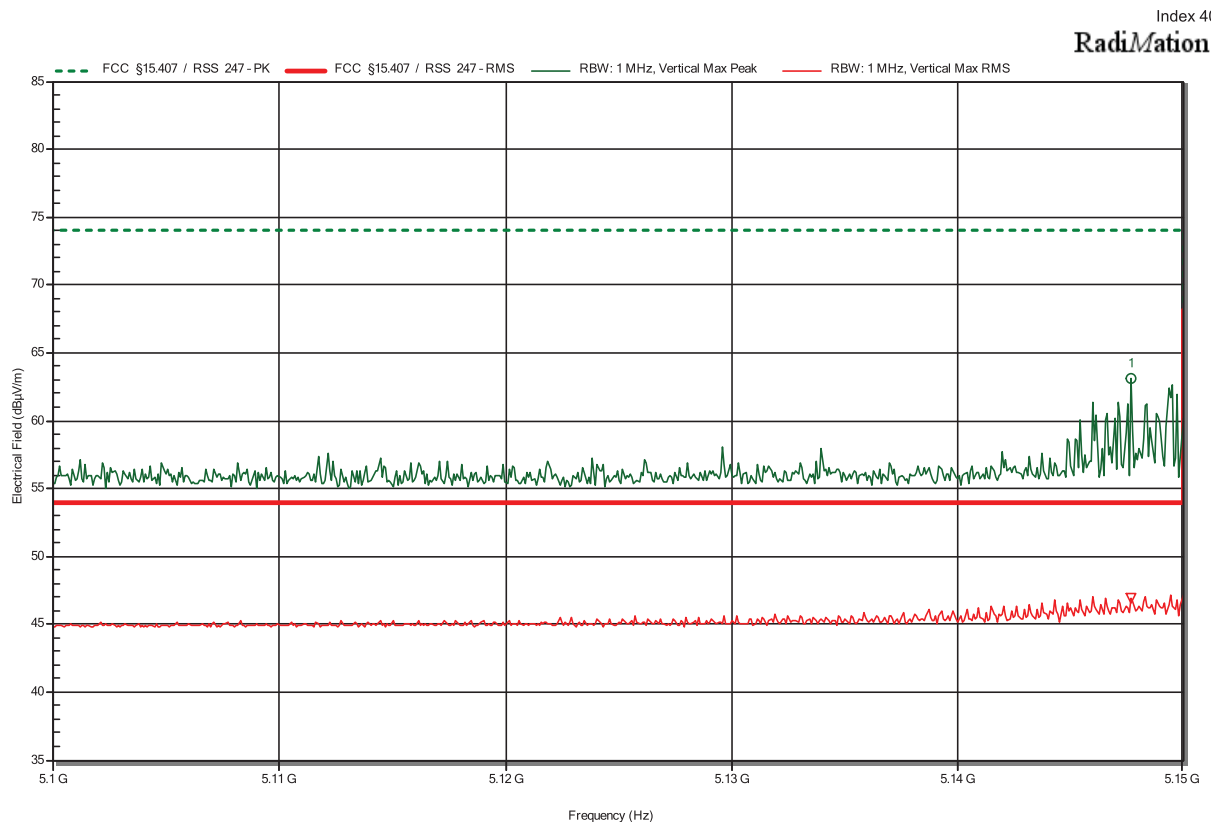


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
5.146 GHz	68.86 dBµV/m	74 dBµV/m	-5.14 dB	Pass
5.15 GHz	65.5 dBµV/m	74 dBµV/m	-8.5 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
5.146 GHz	50.56 dBµV/m	54 dBµV/m	-3.44 dB	Pass
5.15 GHz	51.41 dBµV/m	54 dBµV/m	-2.59 dB	Pass

Radiated Spurious Emissions according to FCC 15.407

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 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: lower band area

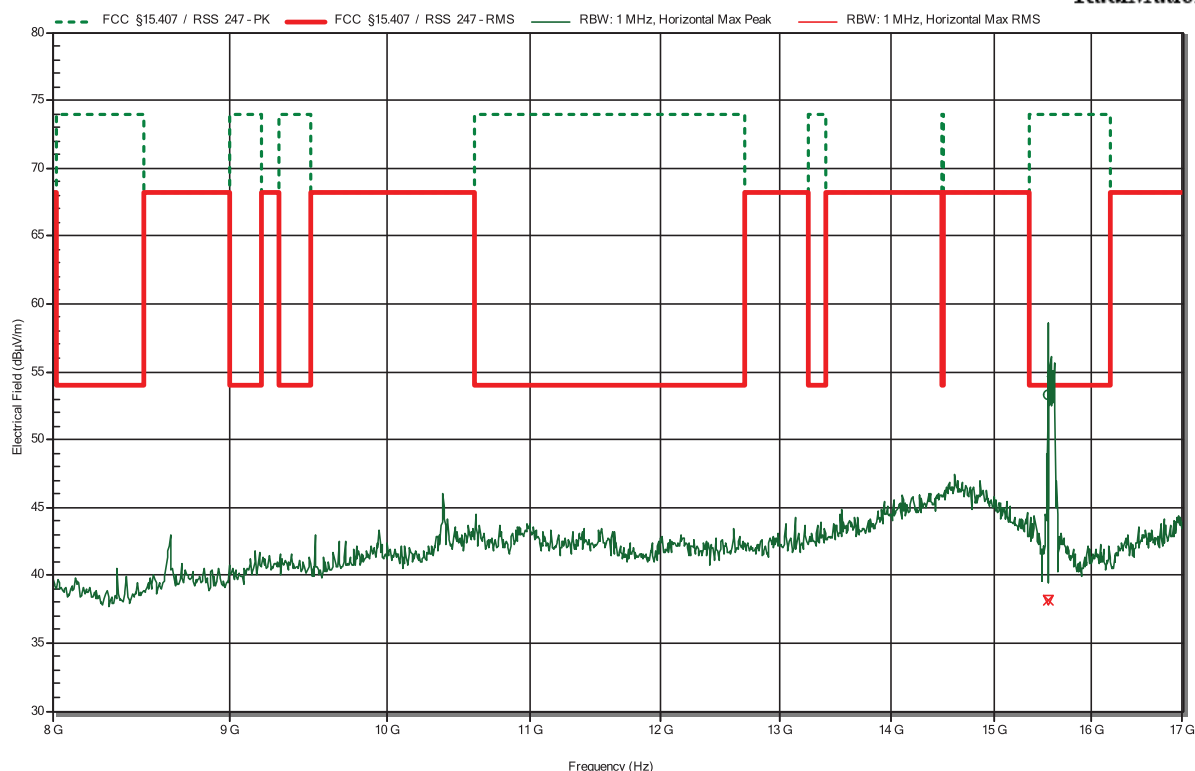


Radiated Spurious Emissions according to FCC 15.407

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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation



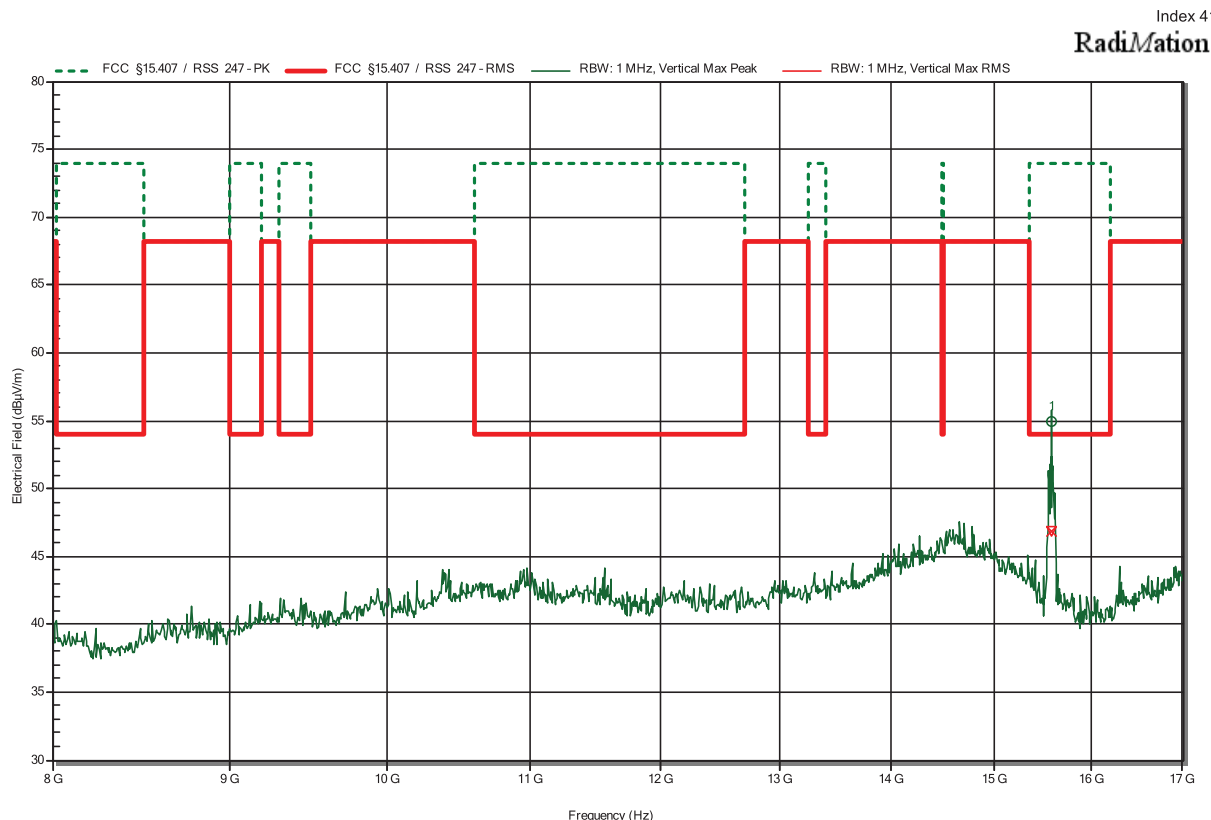
Frequency 15.545 GHz	Peak 53.24 dBμV/m	Peak Limit 74 dBμV/m	Peak Difference -20.76 dB	Peak Status Pass
Frequency 15.545 GHz	RMS 38.18 dBμV/m	RMS Limit 54 dBμV/m	RMS Difference -15.82 dB	RMS Status Pass

Test Report No.: G0M-2101-9569-TFC407WF-V01

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

Radiated Spurious Emissions according to FCC 15.407

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 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal



Frequency 15.568 GHz	Peak 54.91 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -19.09 dB	Peak Status Pass
Frequency 15.568 GHz	RMS 46.81 dBµV/m	RMS Limit 54 dBµV/m	RMS Difference -7.19 dB	RMS Status Pass

Test Report No.: G0M-2101-9569-TFC407WF-V01

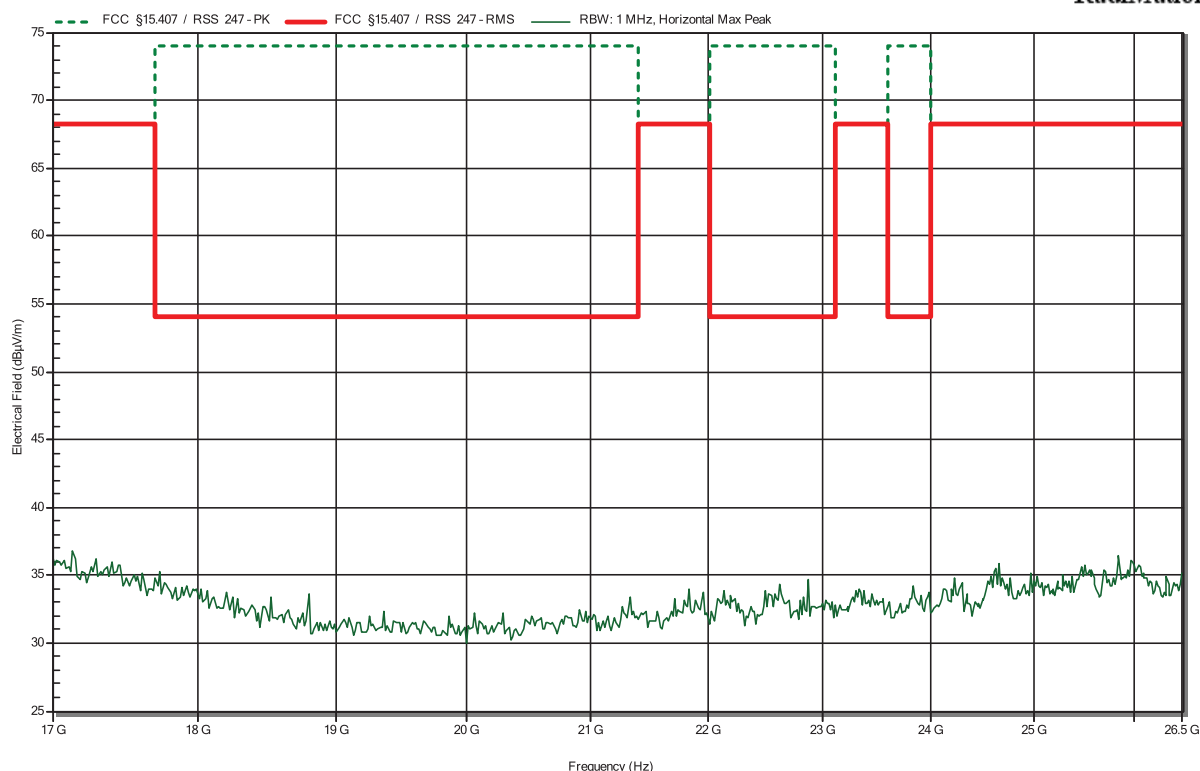
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

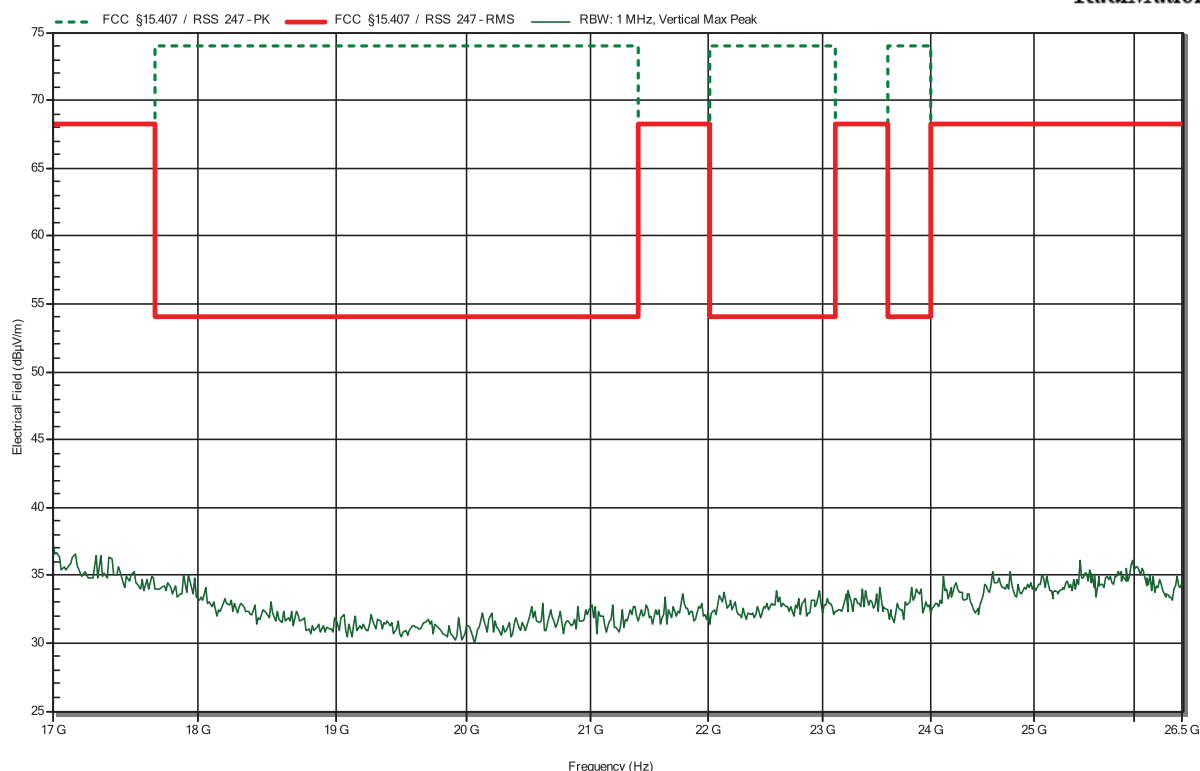


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 Antenna: Amplifier Research AT4560, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

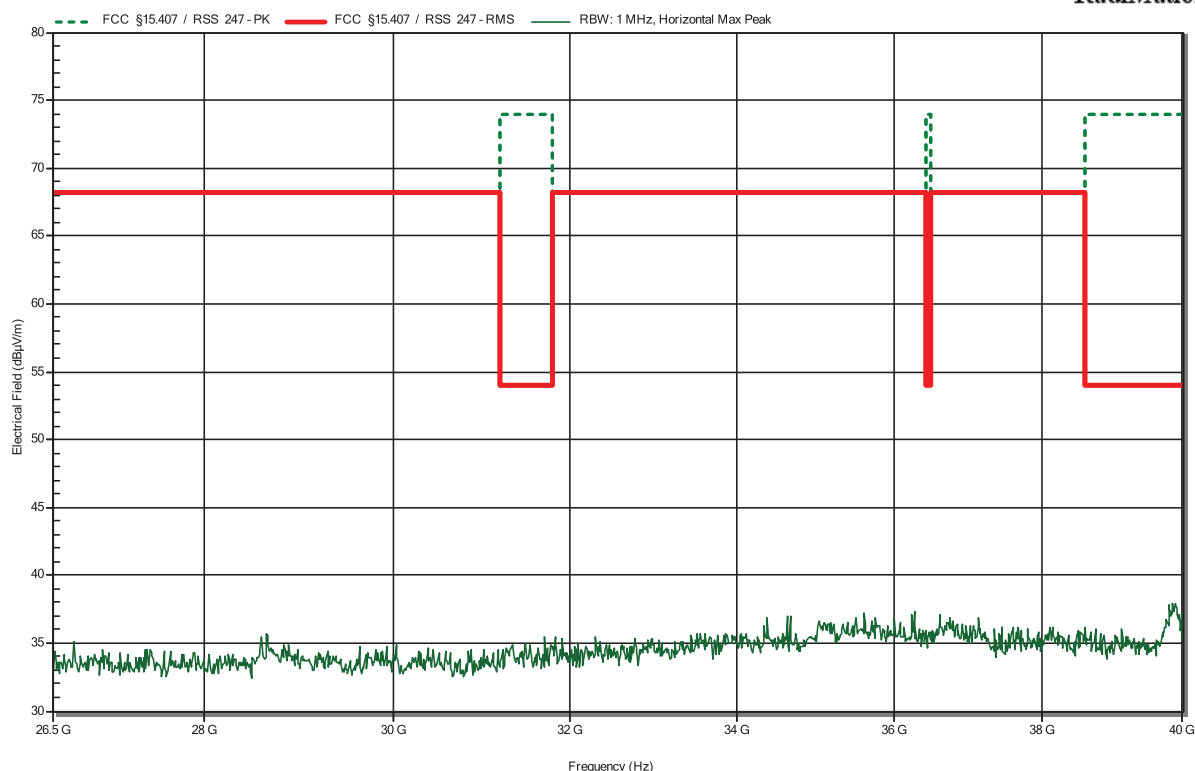


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 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Flann Microwave Ltd 22240-25+CBL26402075, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

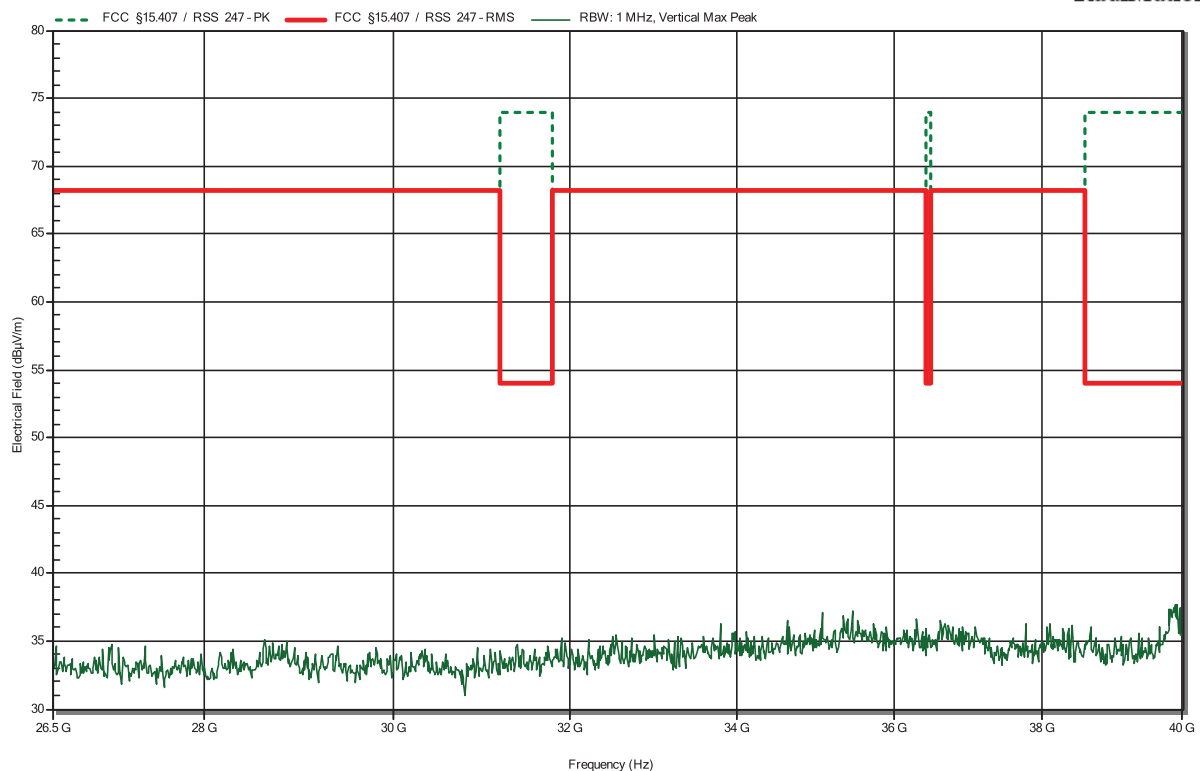


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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Flann Microwave Ltd 22240-25+CBL26402075, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5190 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

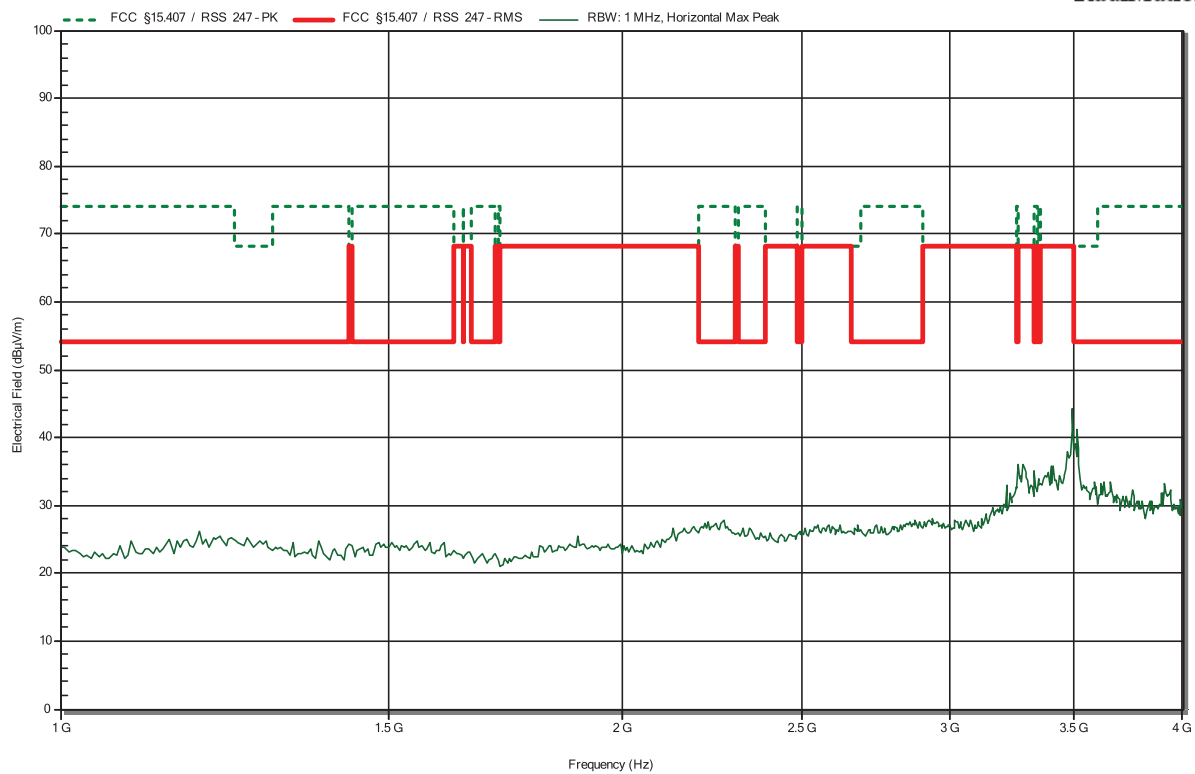


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 Operator: Wilfried Treffke
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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

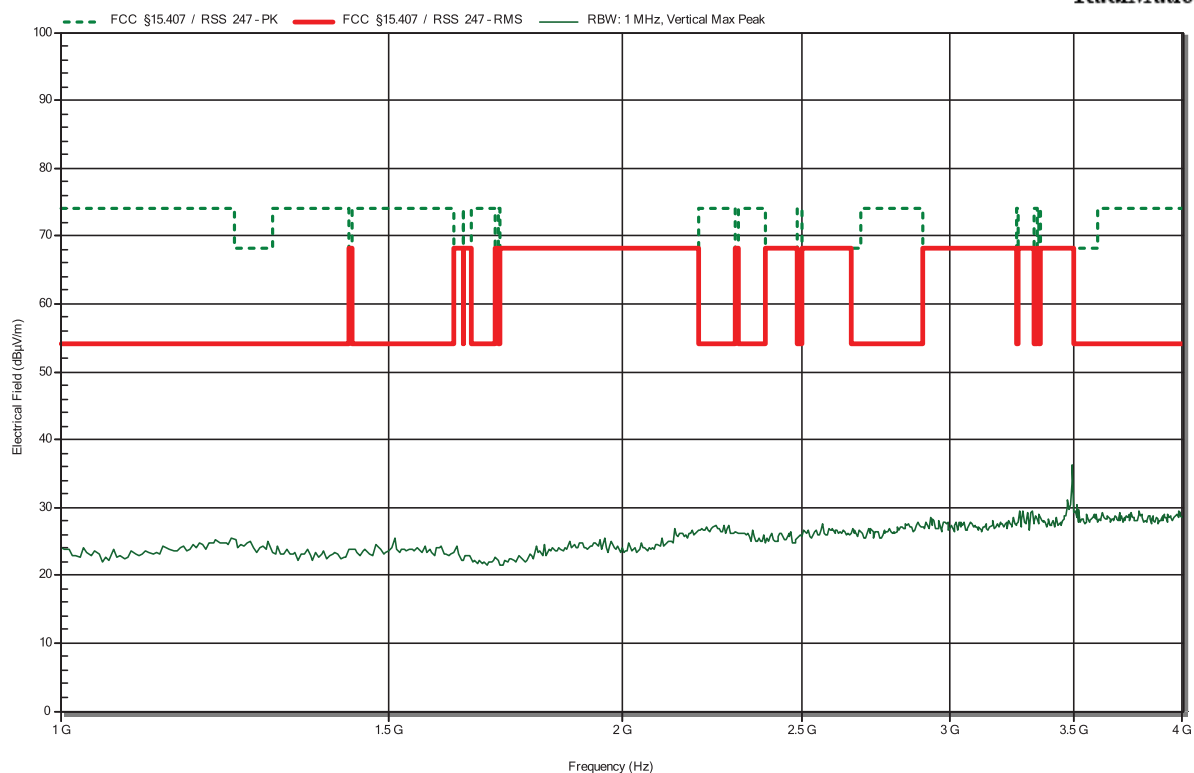


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 Operator: Wilfried Treffke
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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

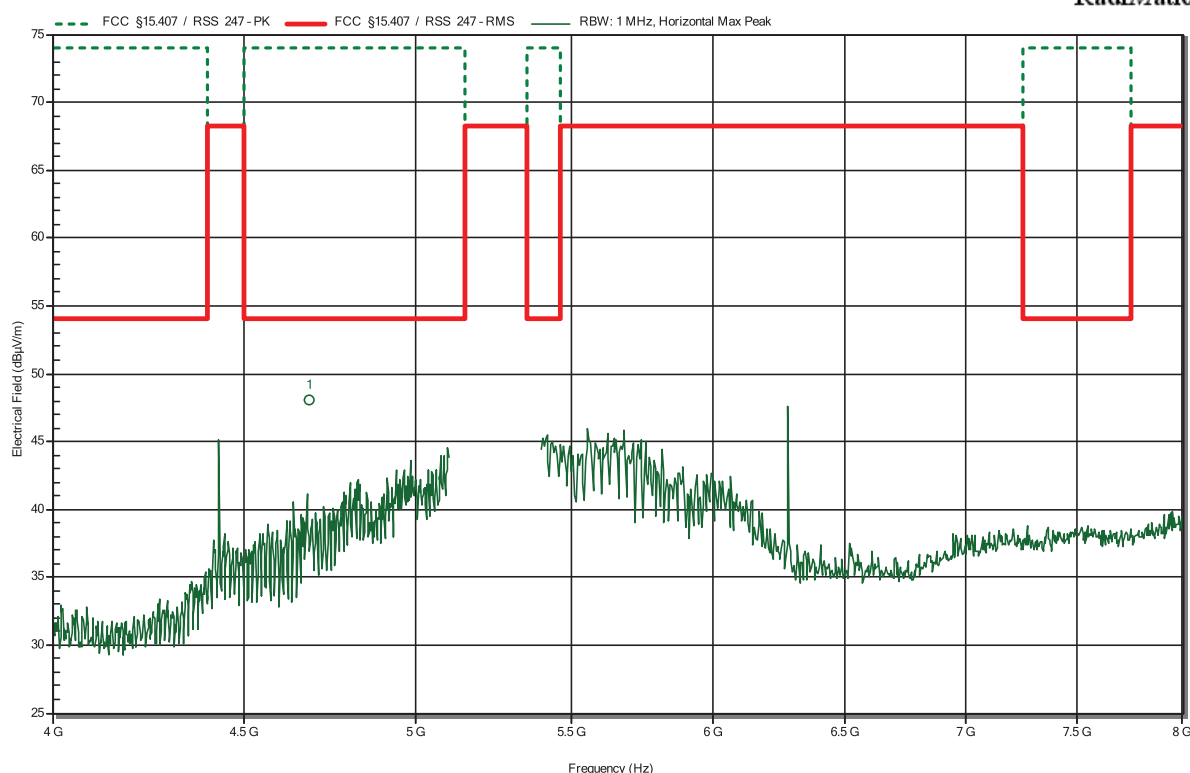


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 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation



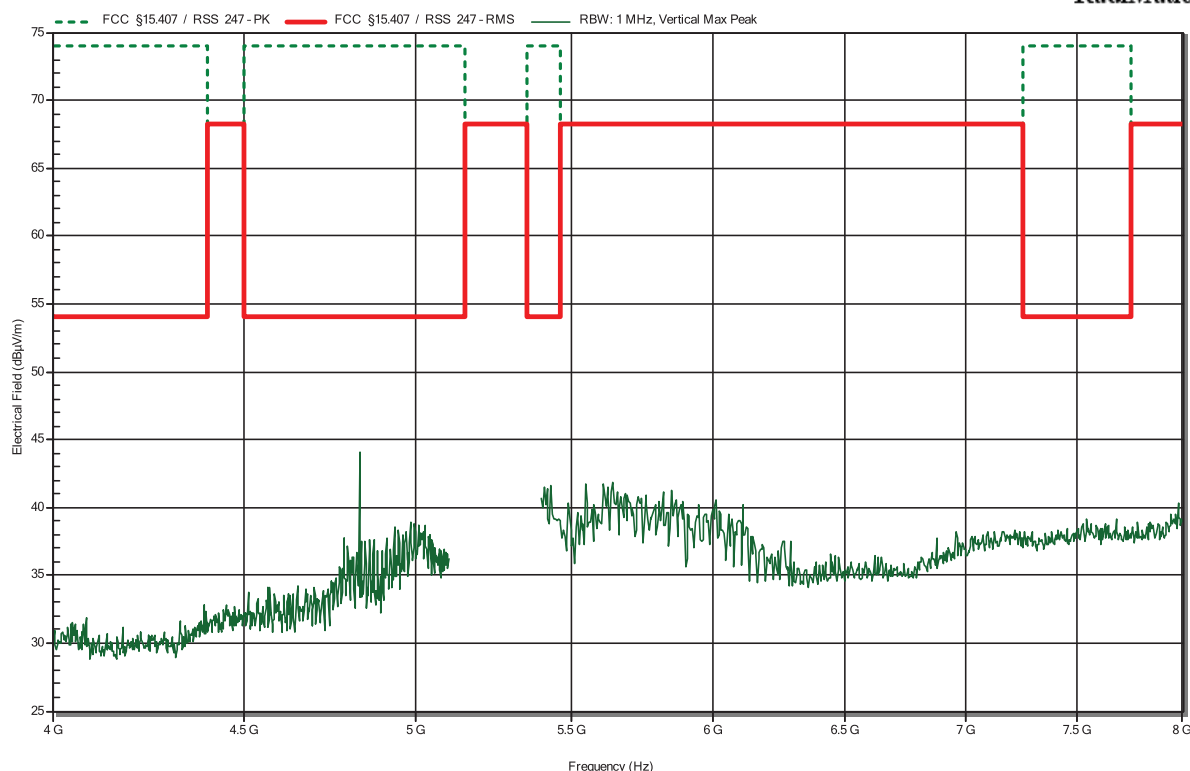
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.68 GHz	48.09 dBµV/m	74 dBµV/m	-25.91 dB	Pass

Radiated Spurious Emissions according to FCC 15.407

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: 34968 (A1 8 SerNr: 826)
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

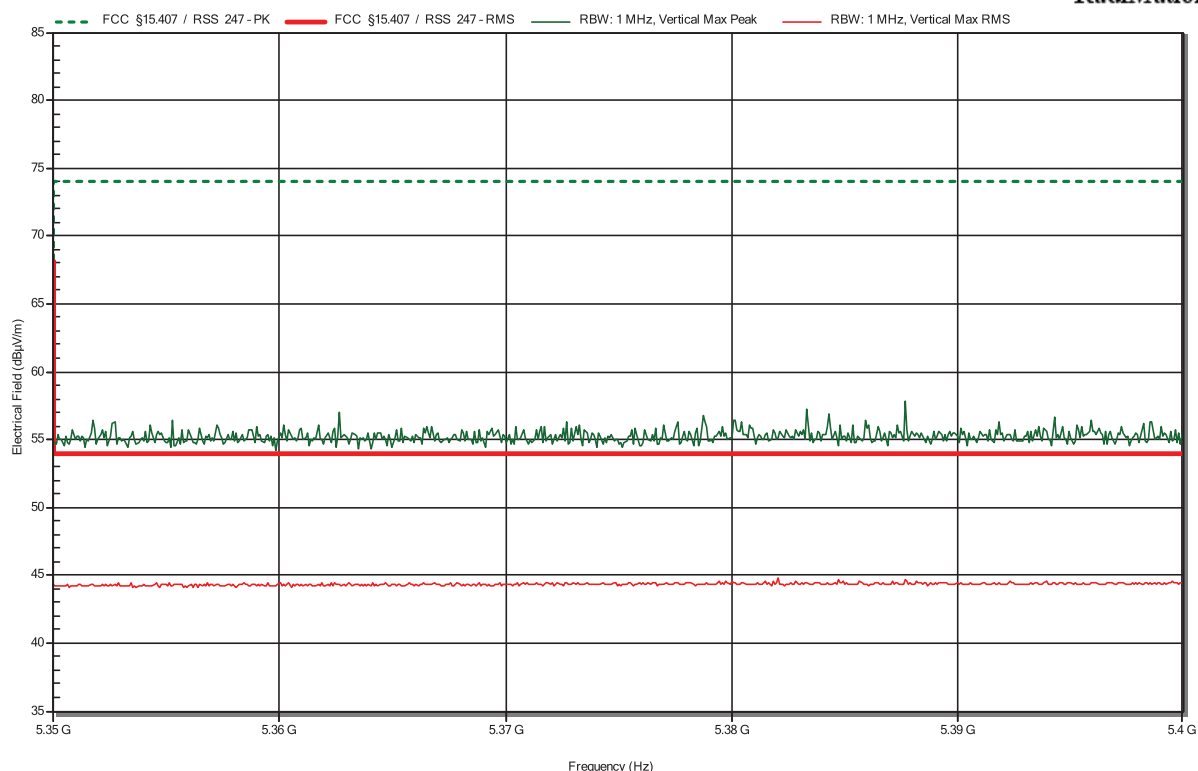


Radiated Spurious Emissions according to FCC 15.407

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: 34968 (A1 8 SerNr: 826)
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: upper bandedge

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RadiMation

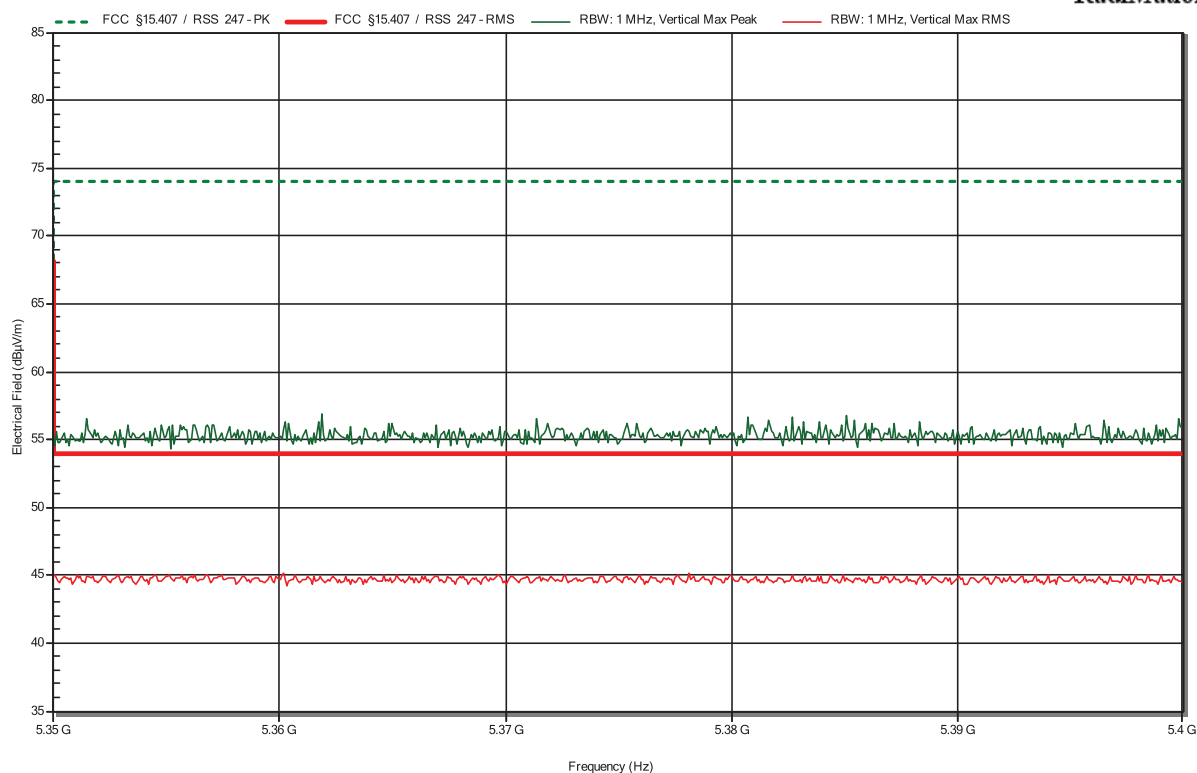


Radiated Spurious Emissions according to FCC 15.407

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 Applicant: Panasonic Industrial Devices Europe GmbH
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 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: upper bandedge

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RadiMation

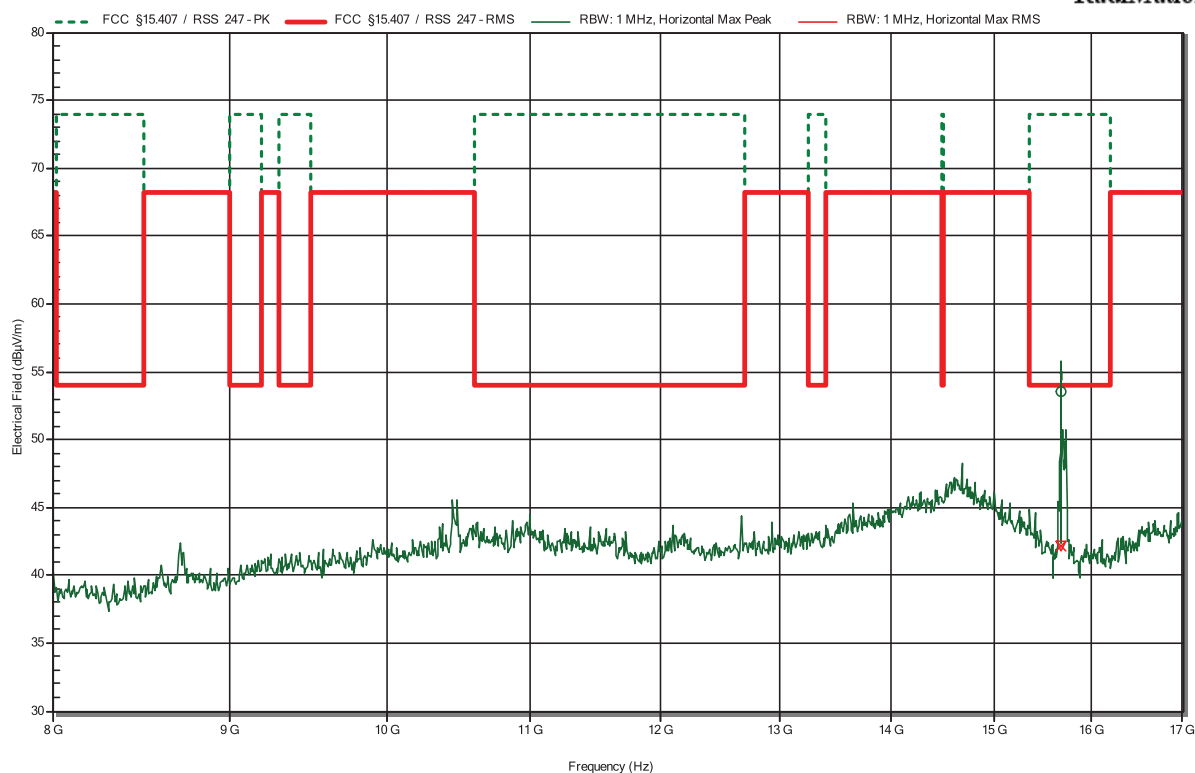


Radiated Spurious Emissions according to FCC 15.407

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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation



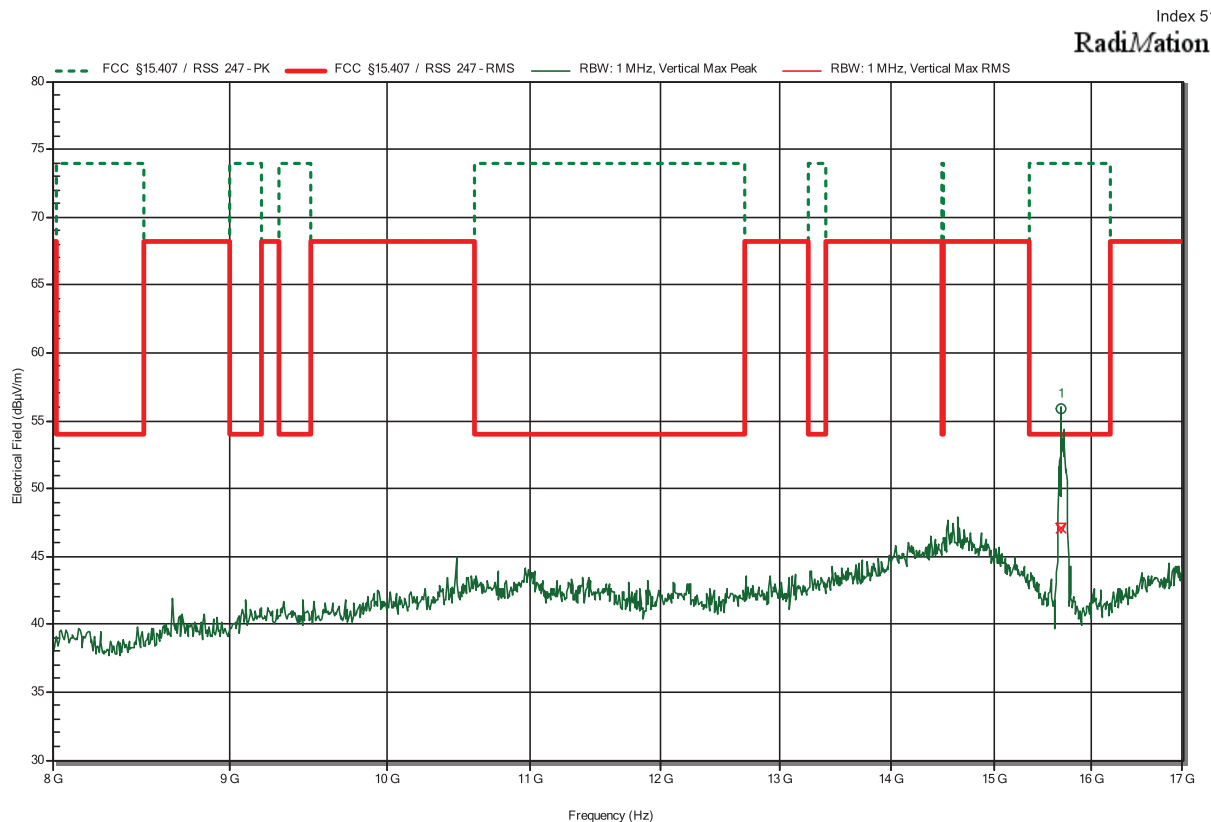
Frequency 15.676 GHz	Peak 53.55 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -20.45 dB	Peak Status Pass
Frequency 15.676 GHz	RMS 42.17 dBµV/m	RMS Limit 54 dBµV/m	RMS Difference -11.83 dB	RMS Status Pass

Test Report No.: G0M-2101-9569-TFC407WF-V01

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

Radiated Spurious Emissions according to FCC 15.407

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 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal



Frequency 15.68 GHz	Peak 55.92 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -18.08 dB	Peak Status Pass
Frequency 15.68 GHz	RMS 47.12 dBµV/m	RMS Limit 54 dBµV/m	RMS Difference -6.88 dB	RMS Status Pass

Test Report No.: G0M-2101-9569-TFC407WF-V01

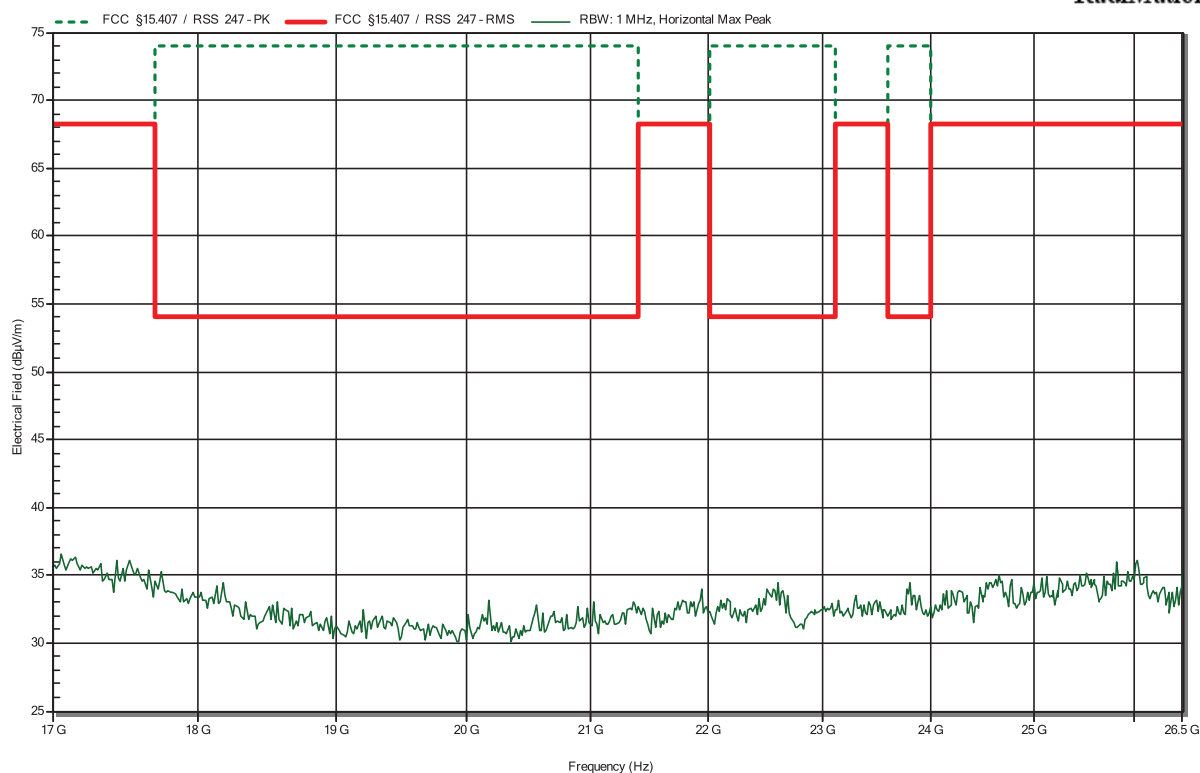
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

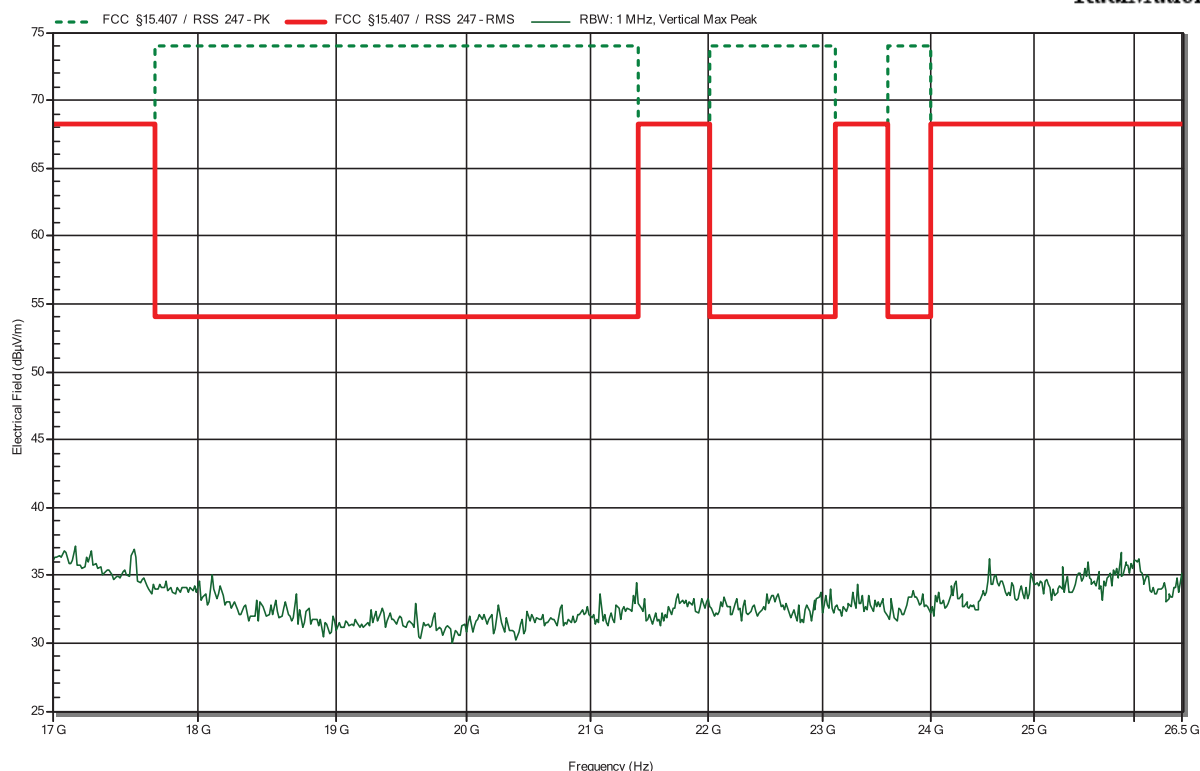


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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

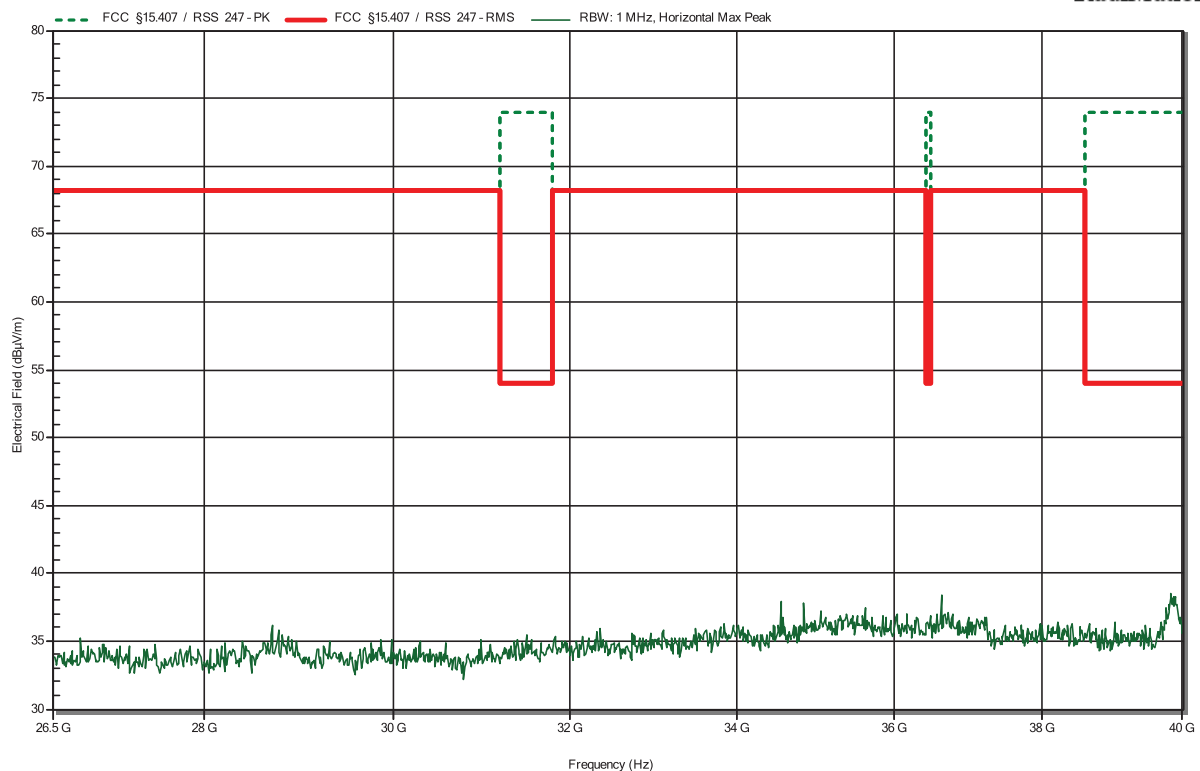


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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Flann Microwave Ltd 22240-25+CBL26402075, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

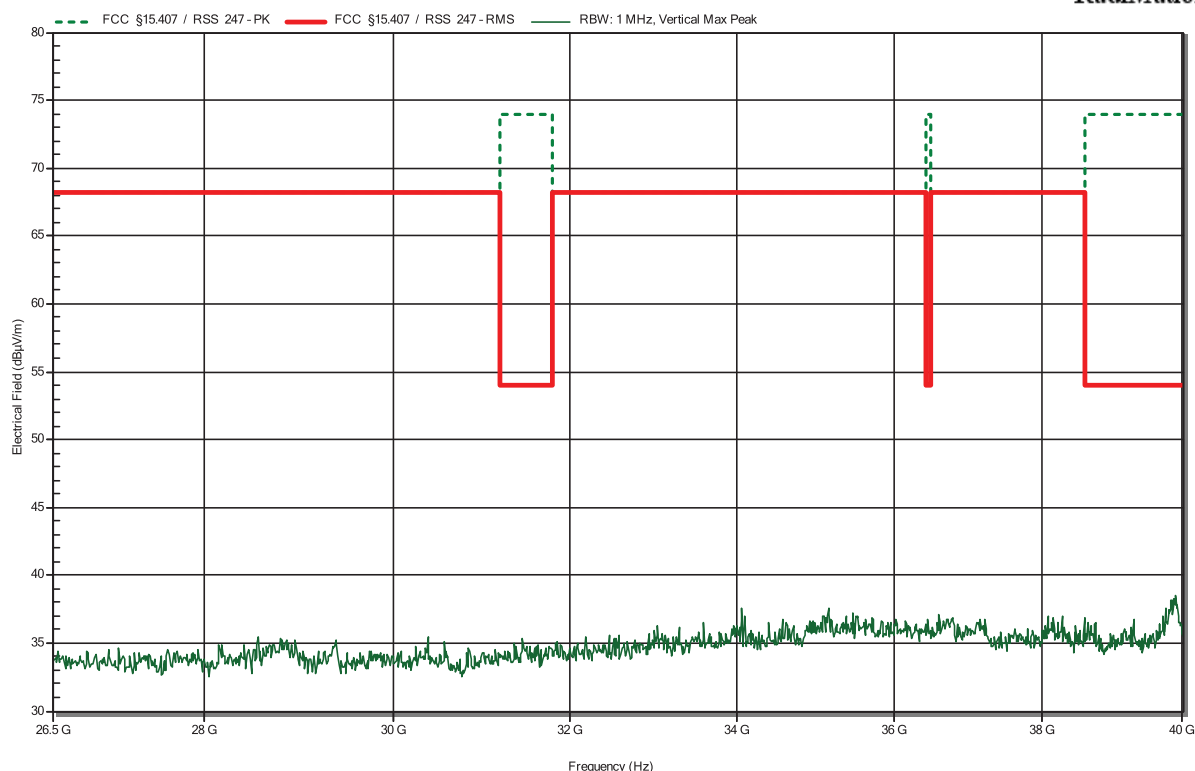


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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Flann Microwave Ltd 22240-25+CBL26402075, Vertical
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11 n; UNII-1; HT40; 5230 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

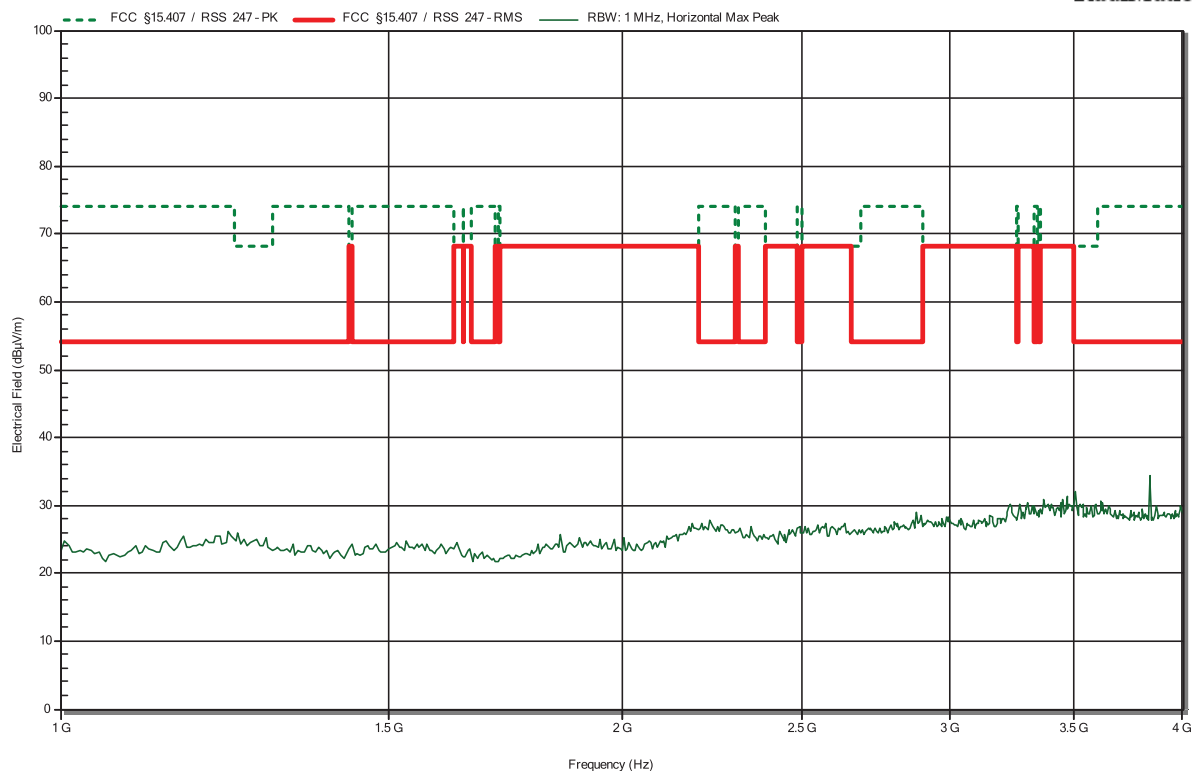


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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

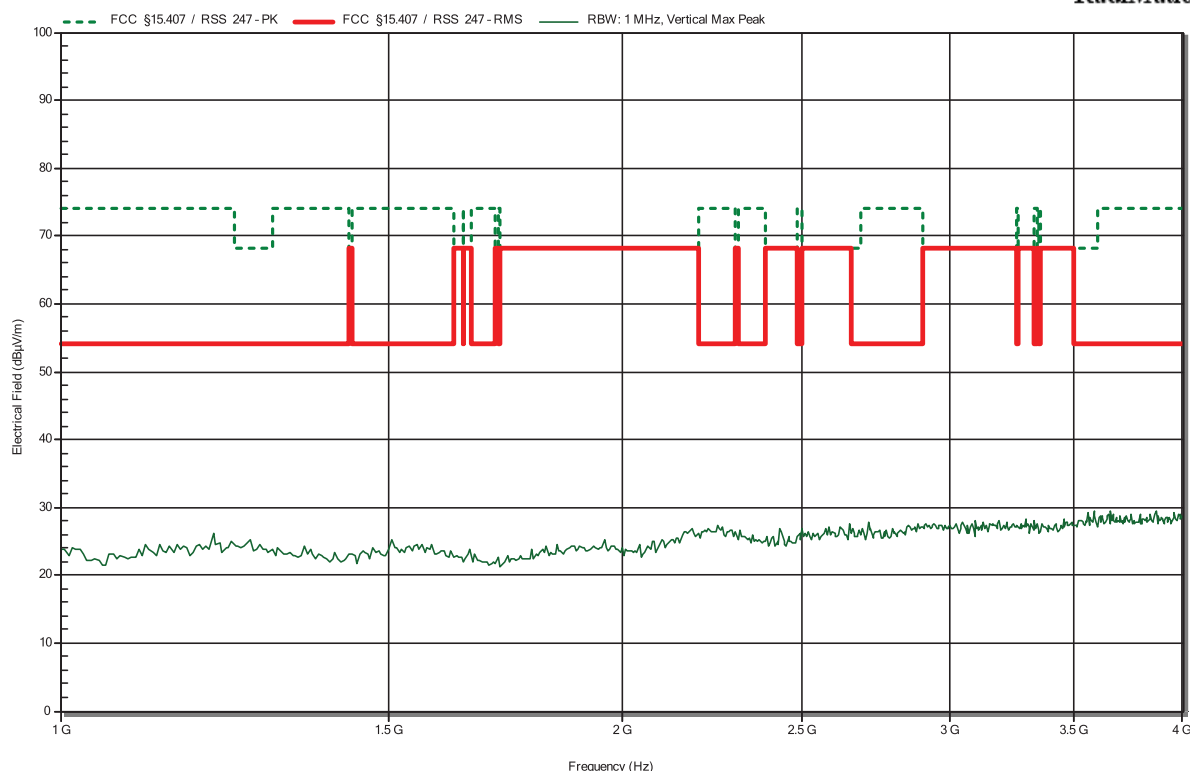


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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

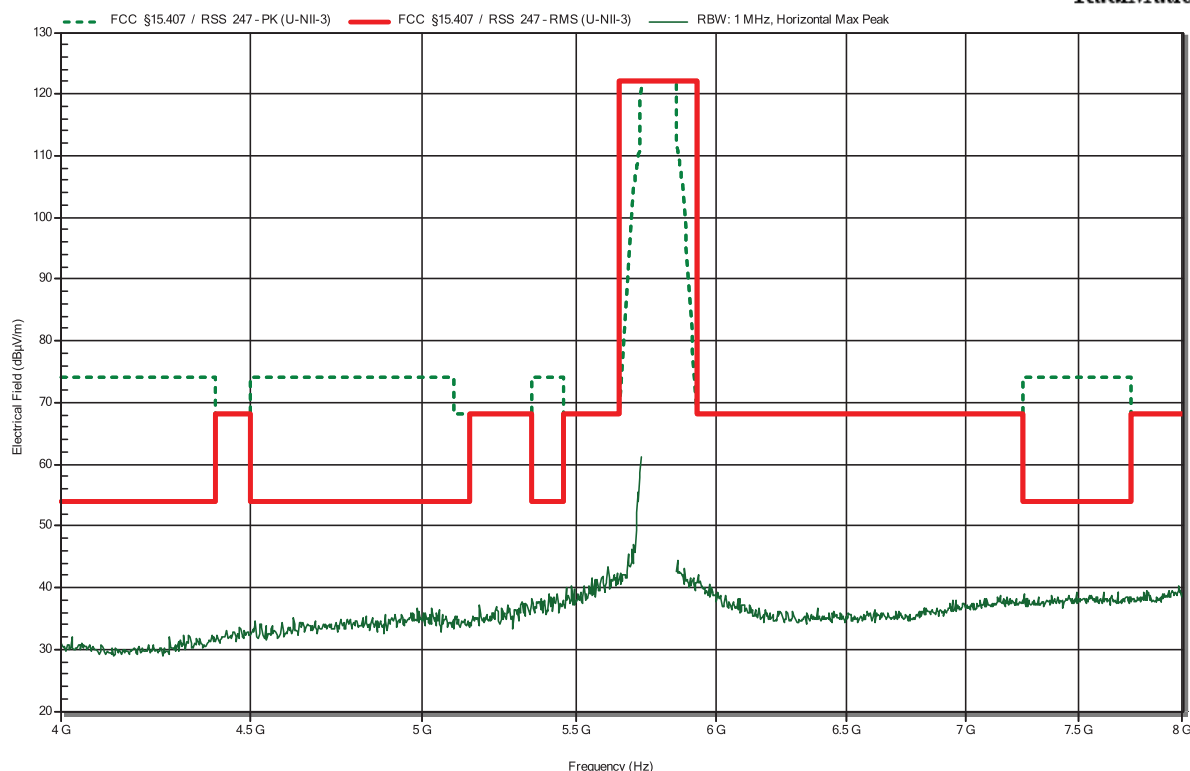


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 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

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RadiMation

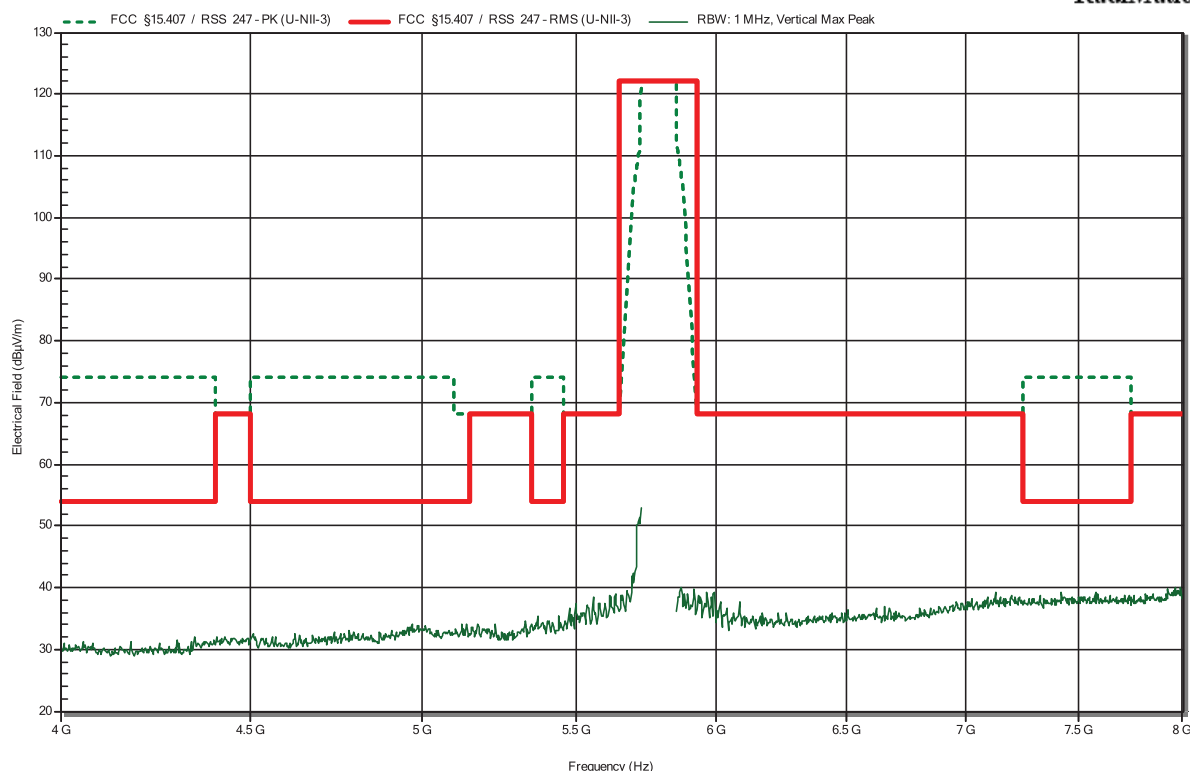


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 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

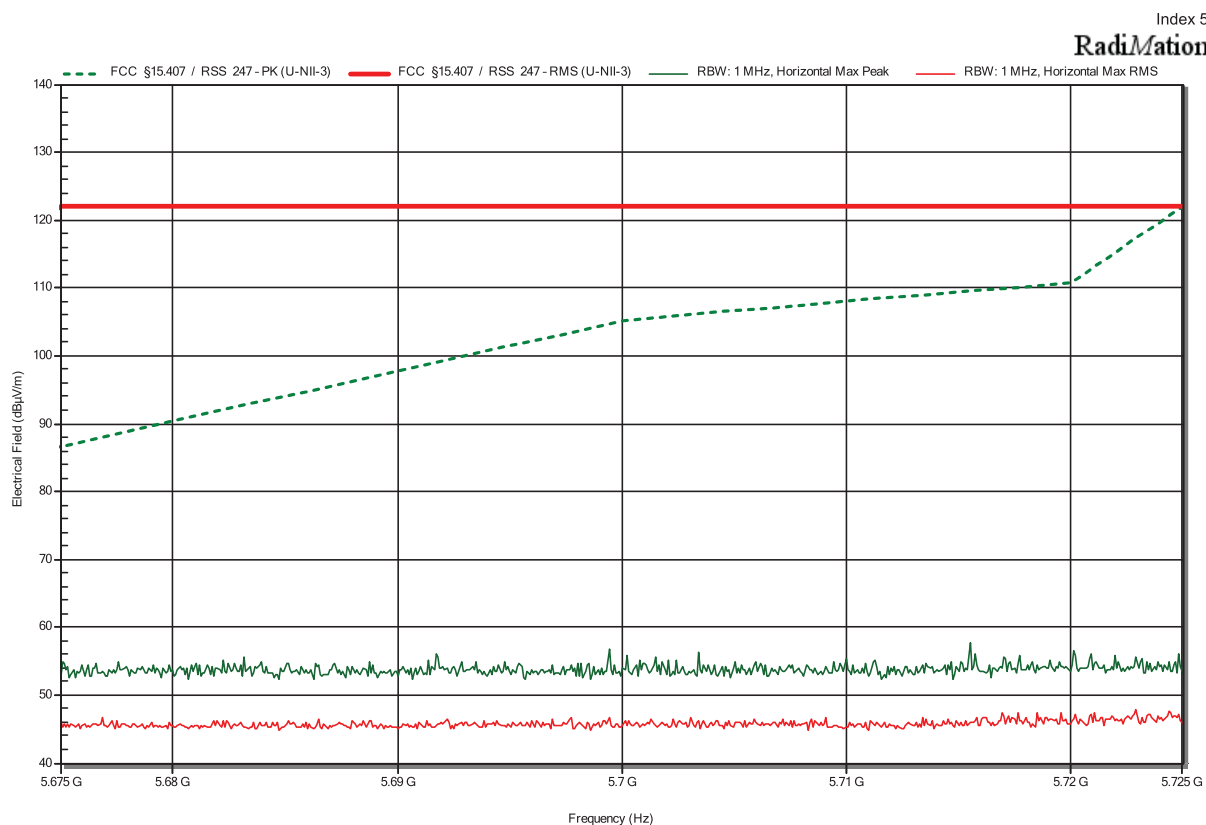
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RadiMation



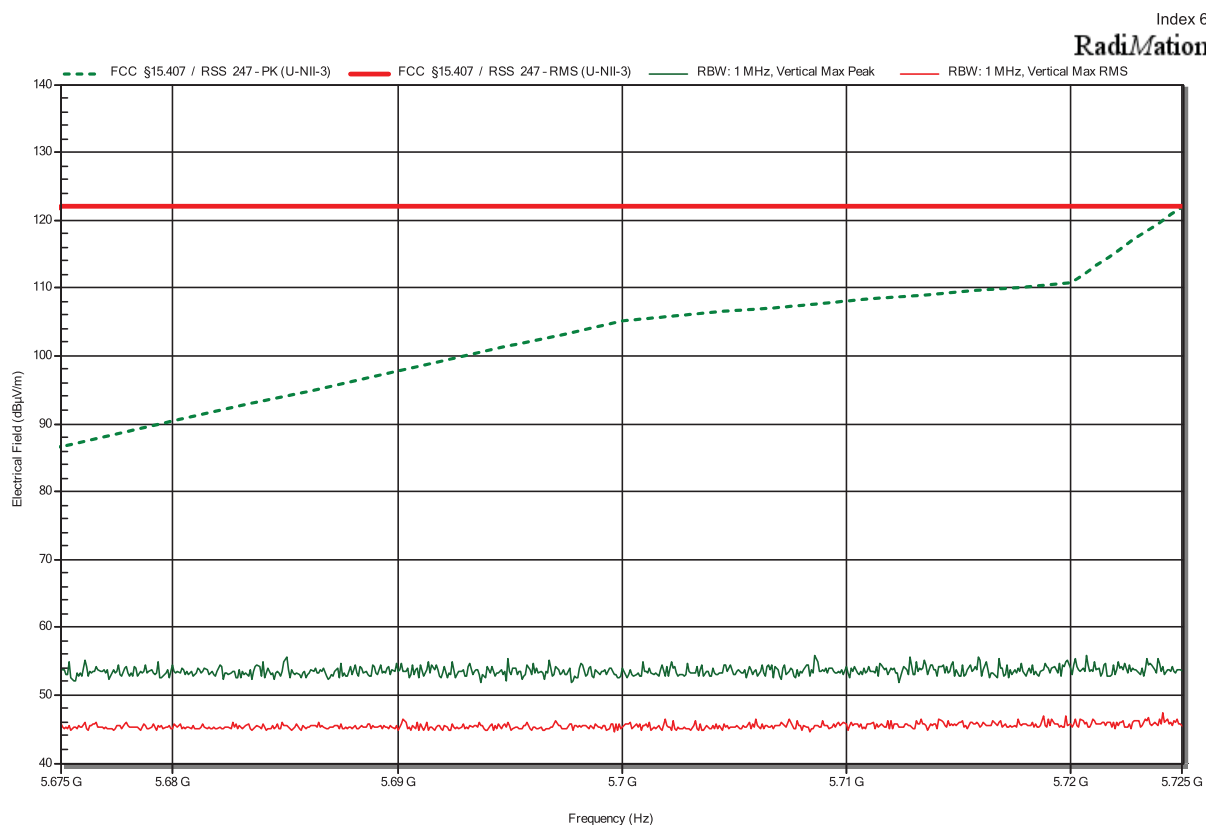
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 Model: ENWF9408A1EF
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 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-19
 Note: lower band area



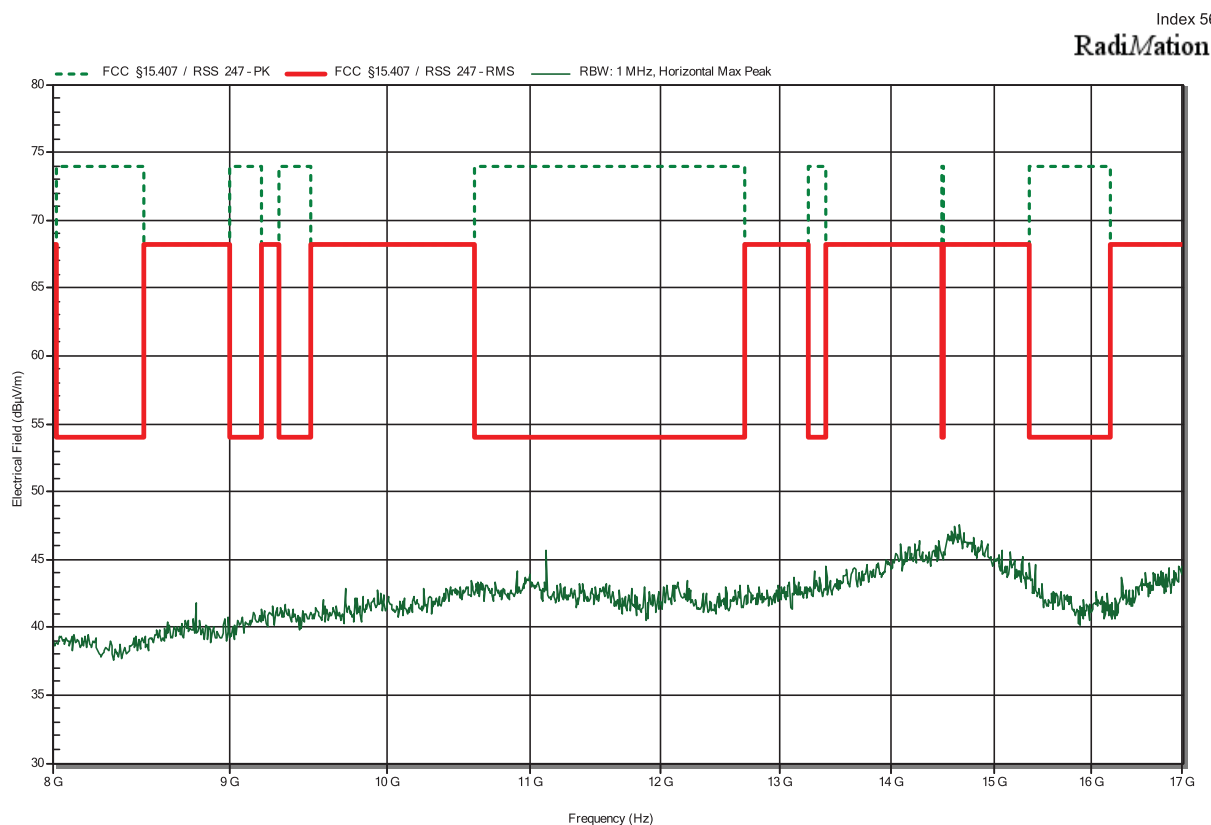
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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
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 Measurement distance: 1 m
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 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

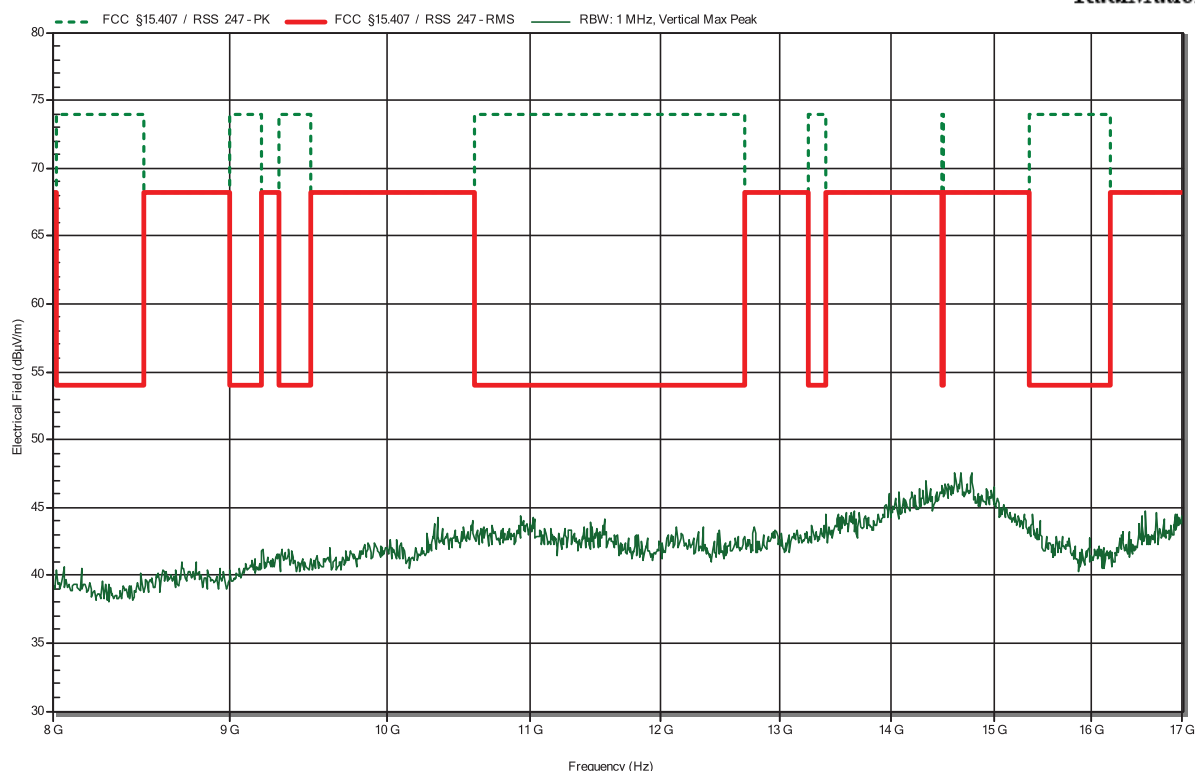


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 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

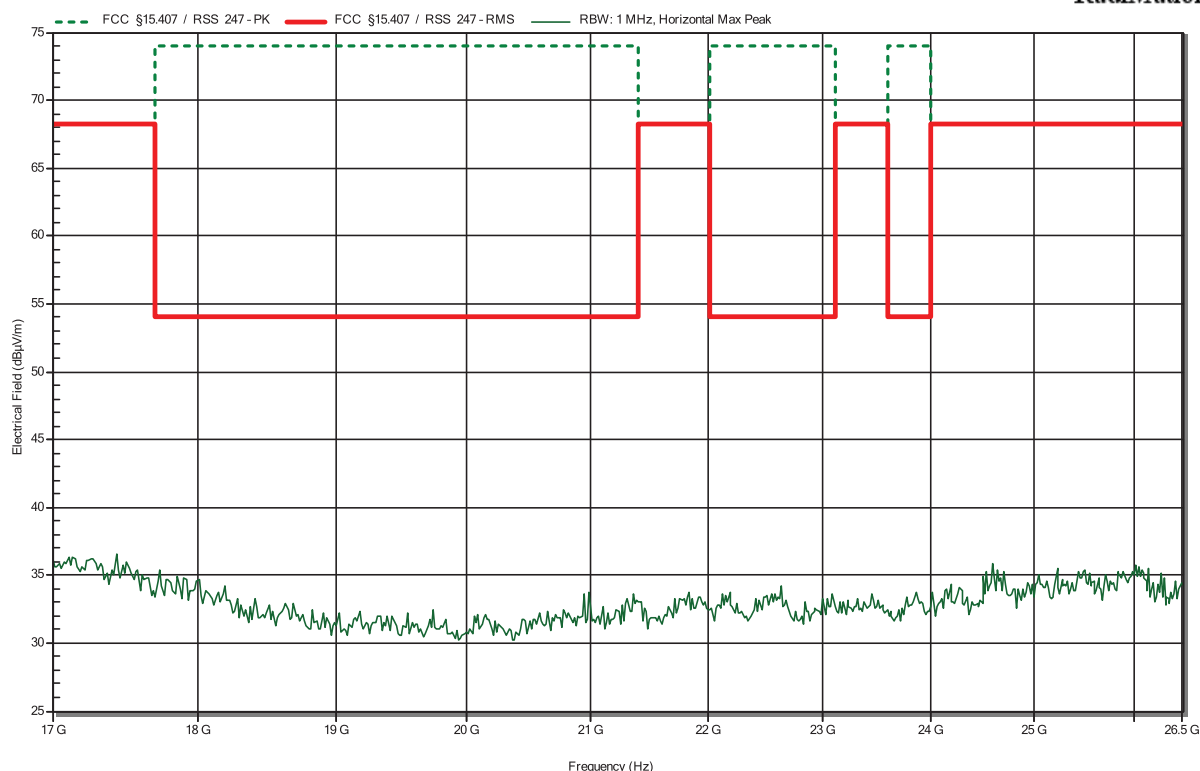


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 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-19
 Note: EUT horizontal

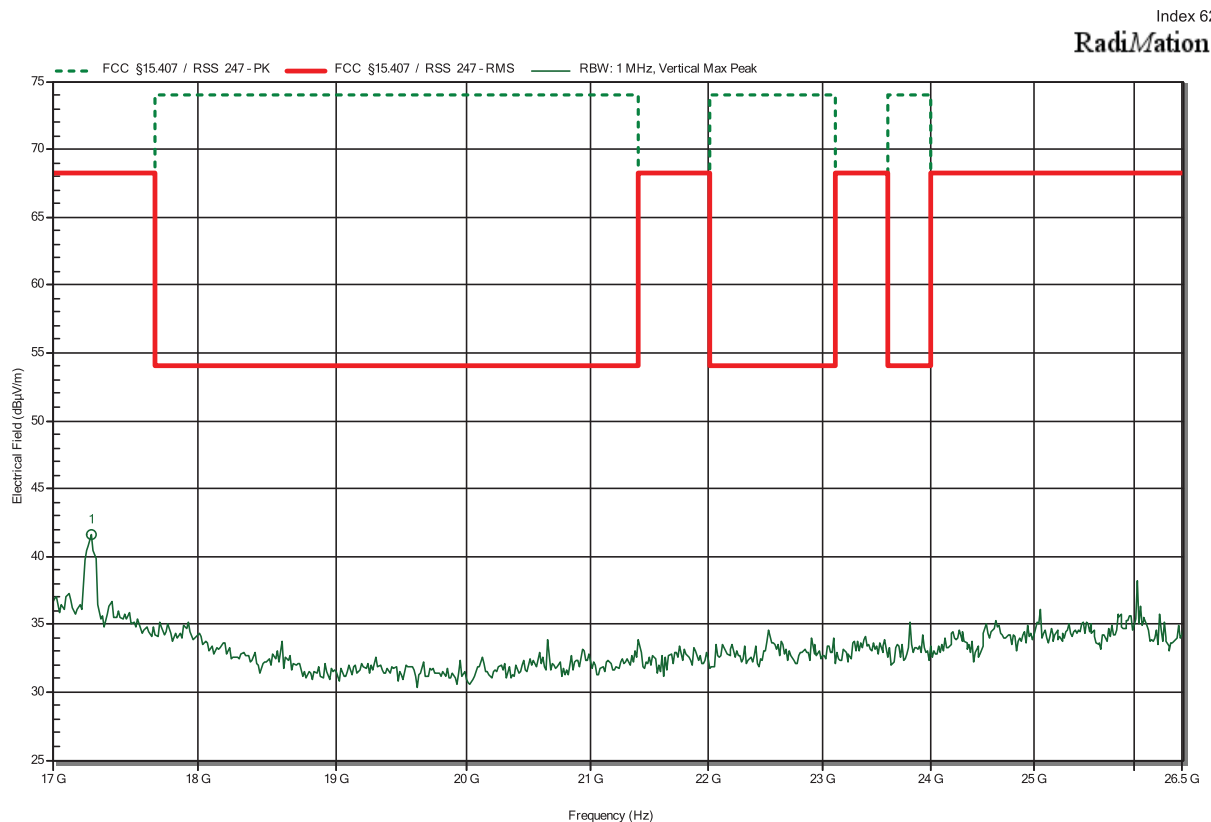
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RadiMation



Radiated Spurious Emissions according to FCC 15.407

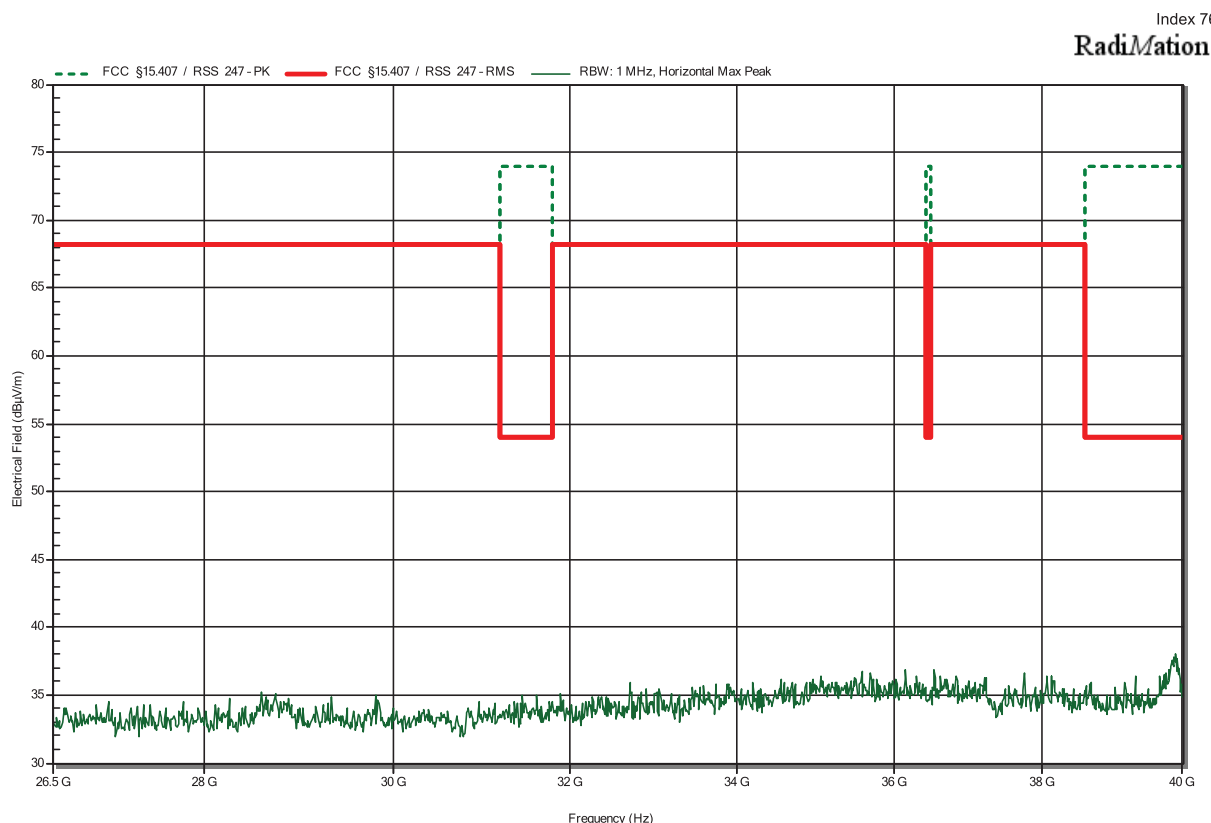
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 Applicant: Panasonic Industrial Devices Europe GmbH
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 Antenna: Amplifier Research AT4560, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
17.259 GHz	41.65 dBµV/m	68.2 dBµV/m	-26.55 dB	Pass

Radiated Spurious Emissions according to FCC 15.407

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 Antenna: Flann Microwave Ltd 22240-25+CBL26402075, Horizontal
 Measurement distance: 1 m, converted to 3 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5755 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

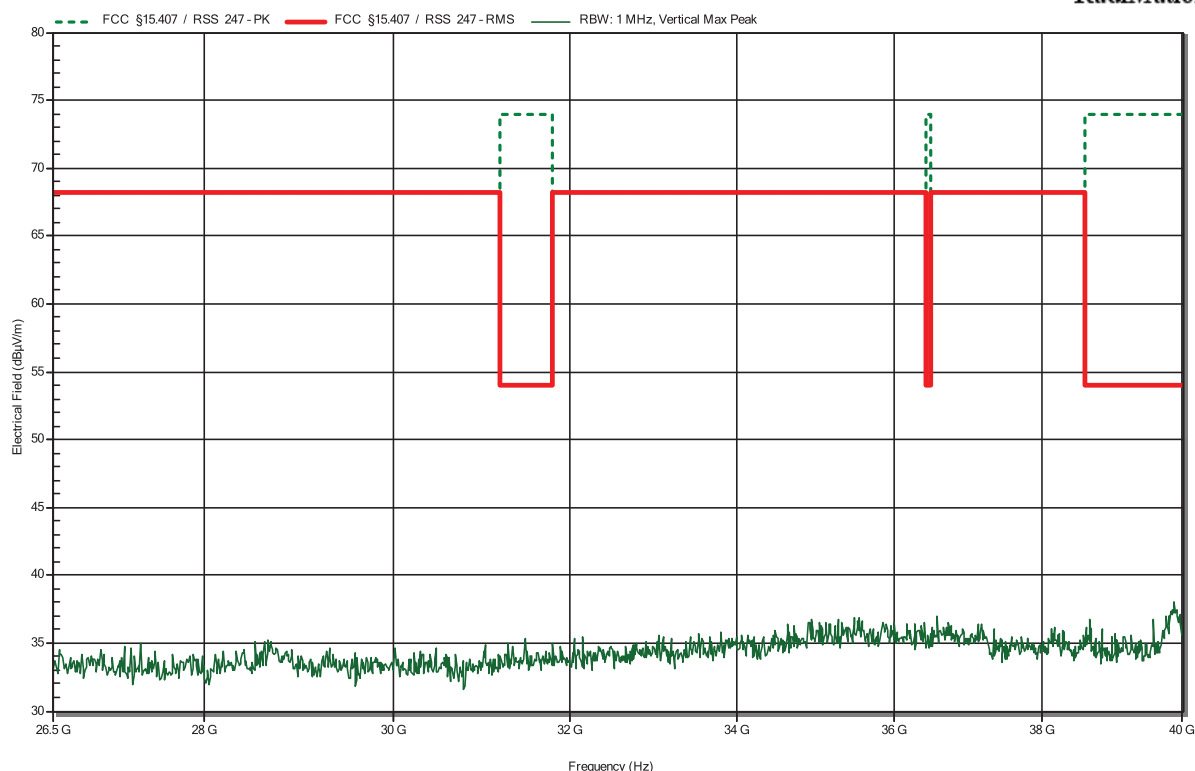


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 Note: EUT horizontal

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RadiMation

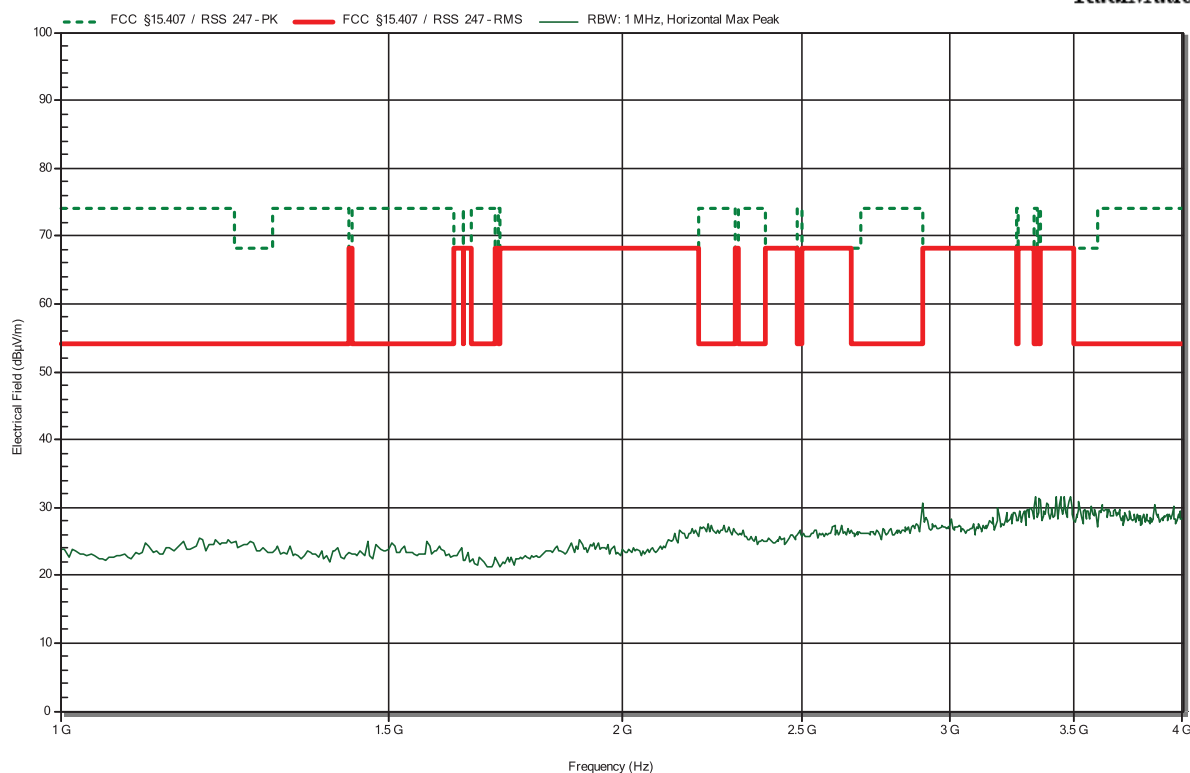


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 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5795 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

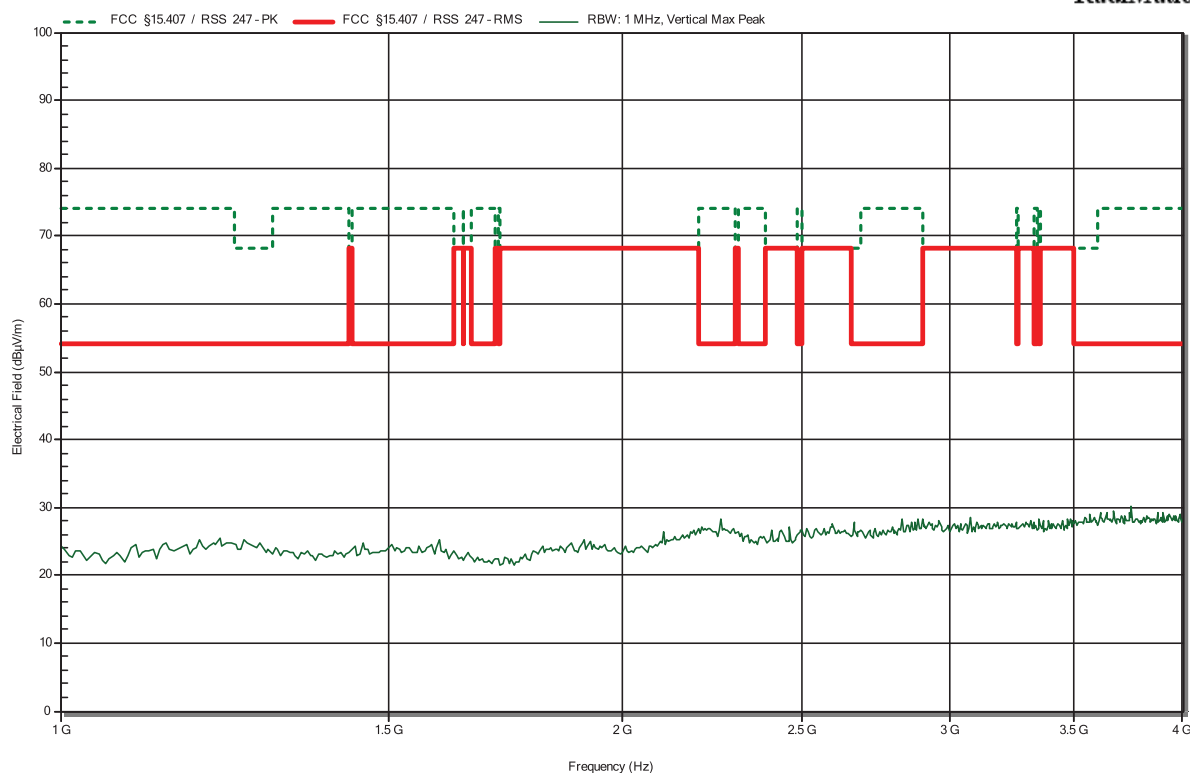


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 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5795 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

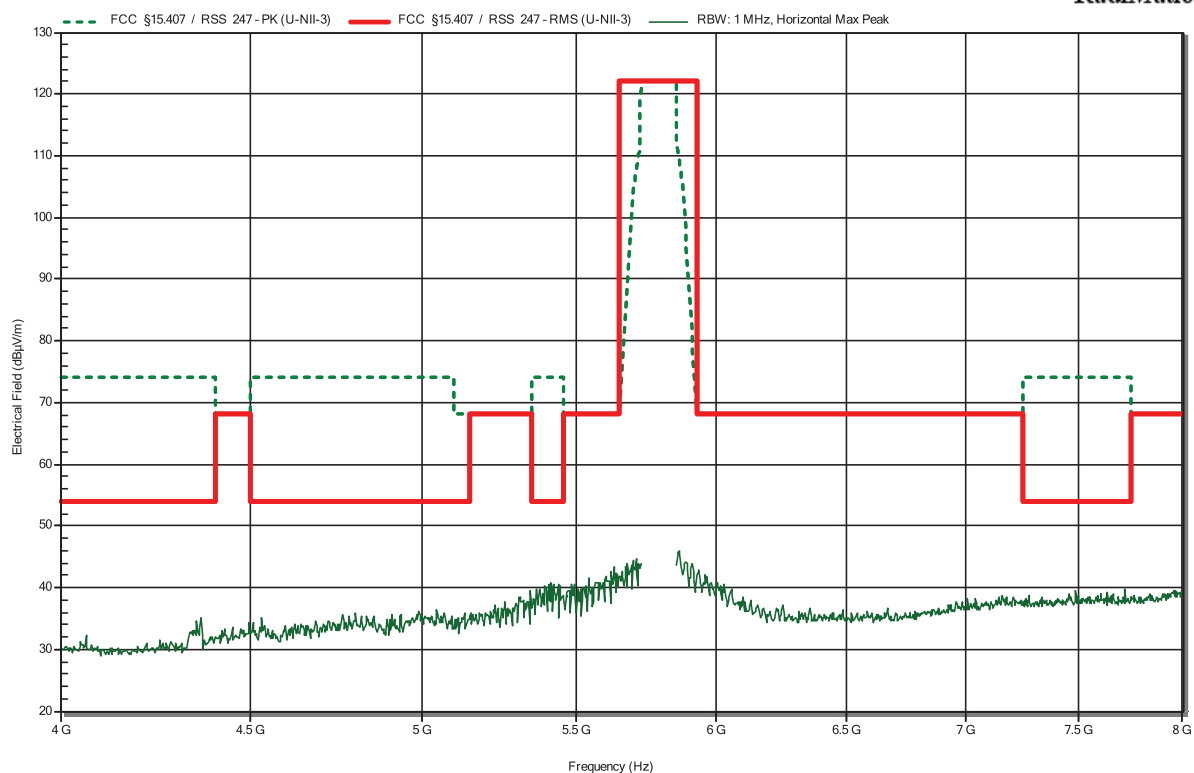


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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5795 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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RadiMation

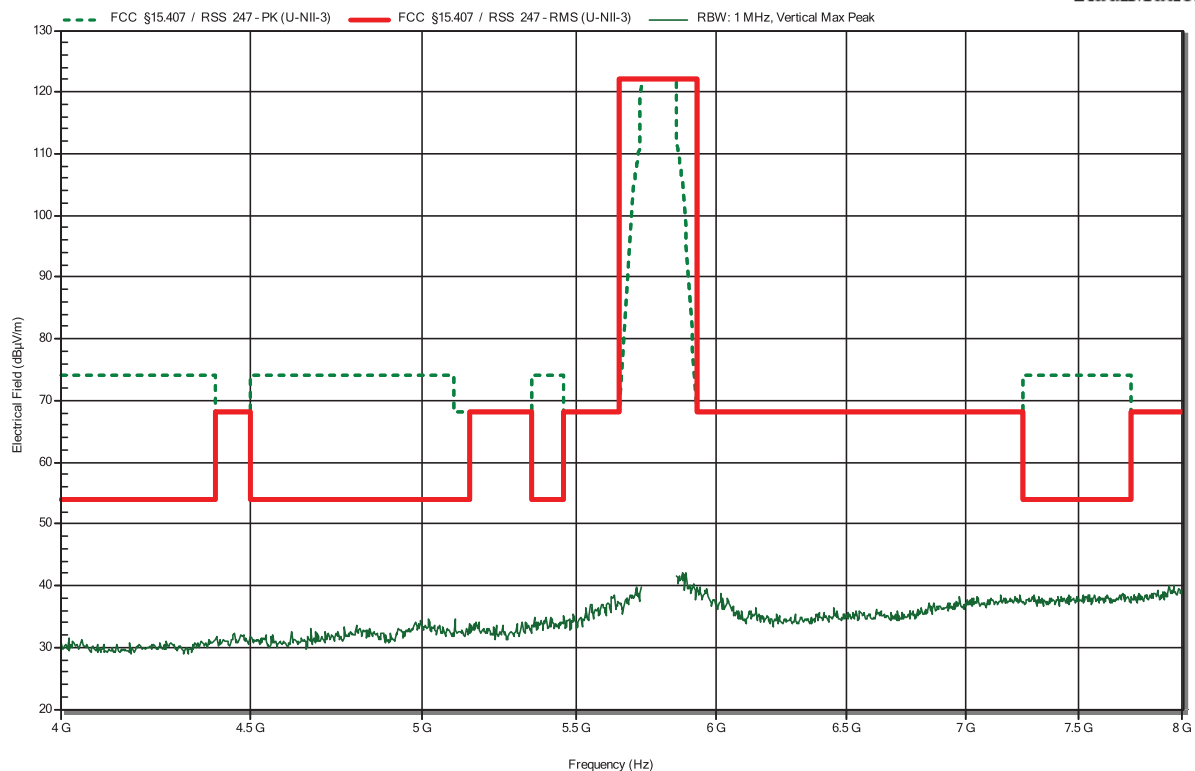


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 Note: EUT horizontal

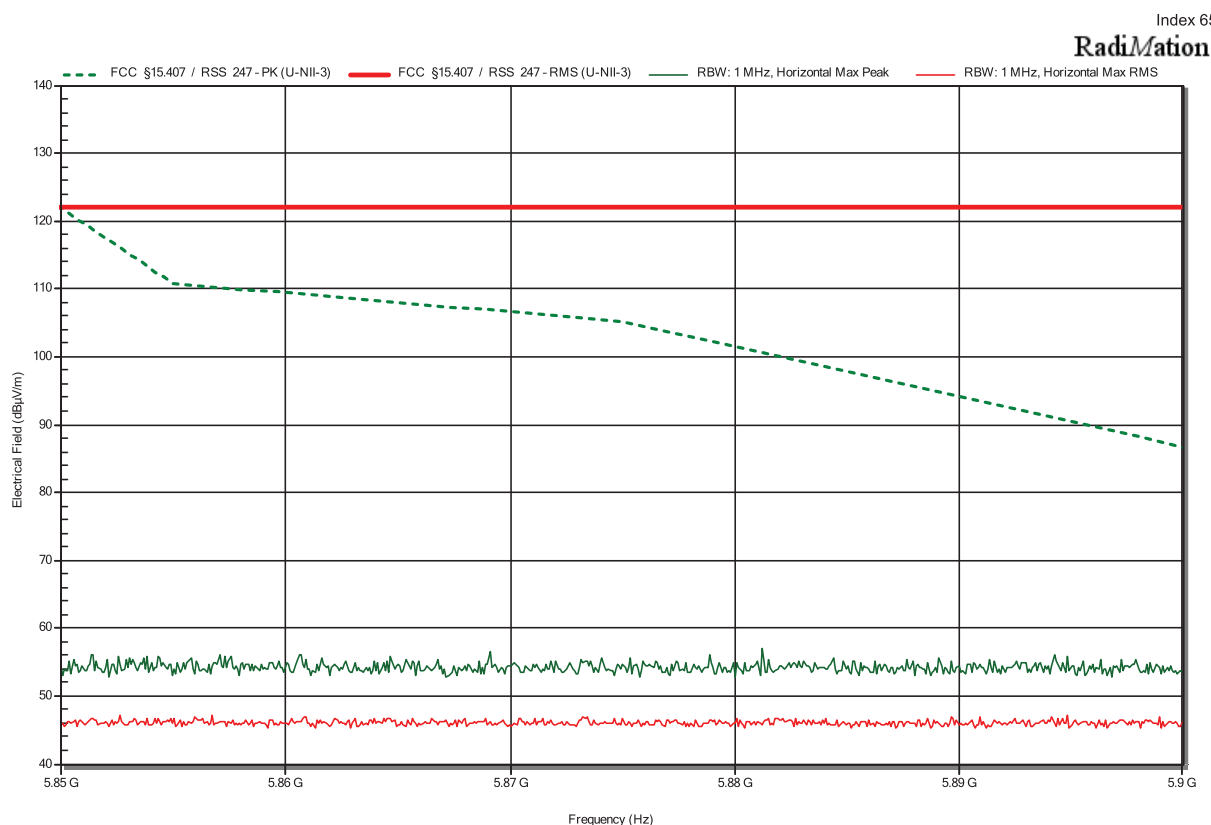
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RadiMation



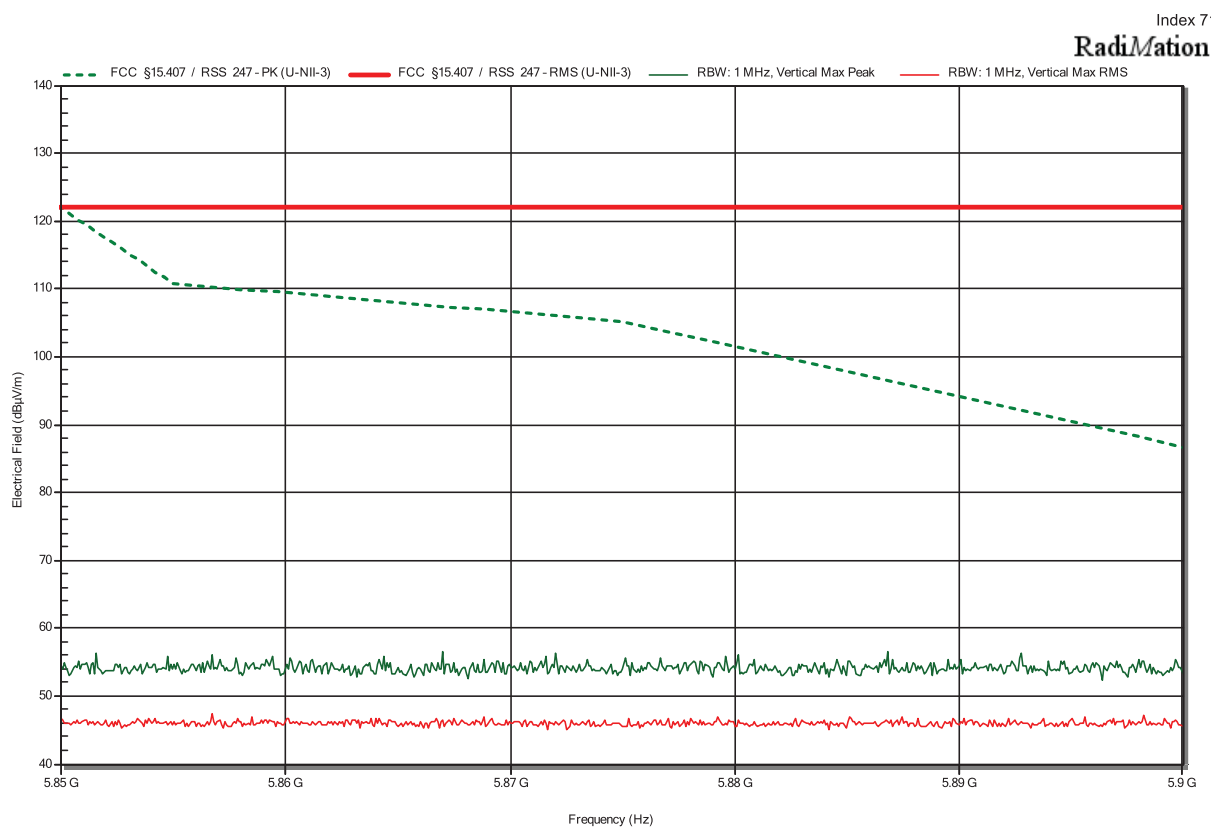
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 Model Description: Wi-Fi Dual Band 2.4/5 GHz and Bluetooth Module
 Model: ENWF9408A1EF
 Test Sample ID: 34968 (A1 8 SerNr: 826)
 Test Site: Eurofins Product Service GmbH
 Operator: Wilfried Treffke
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Schwarzbeck BBHA 9120D, Vertical
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5795 MHz
 Test Date: 2021-07-20
 Note: upper band area

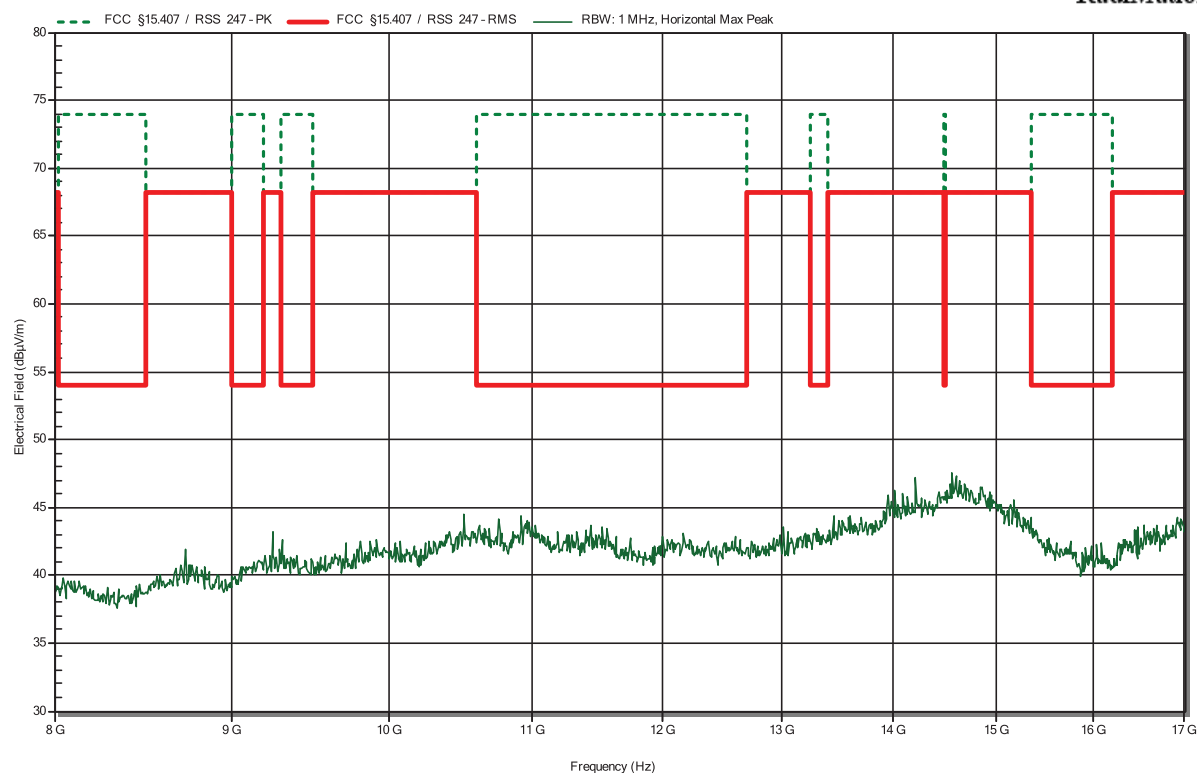


Radiated Spurious Emissions according to FCC 15.407

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 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5795 MHz
 Test Date: 2021-07-20
 Note: EUT horizontal

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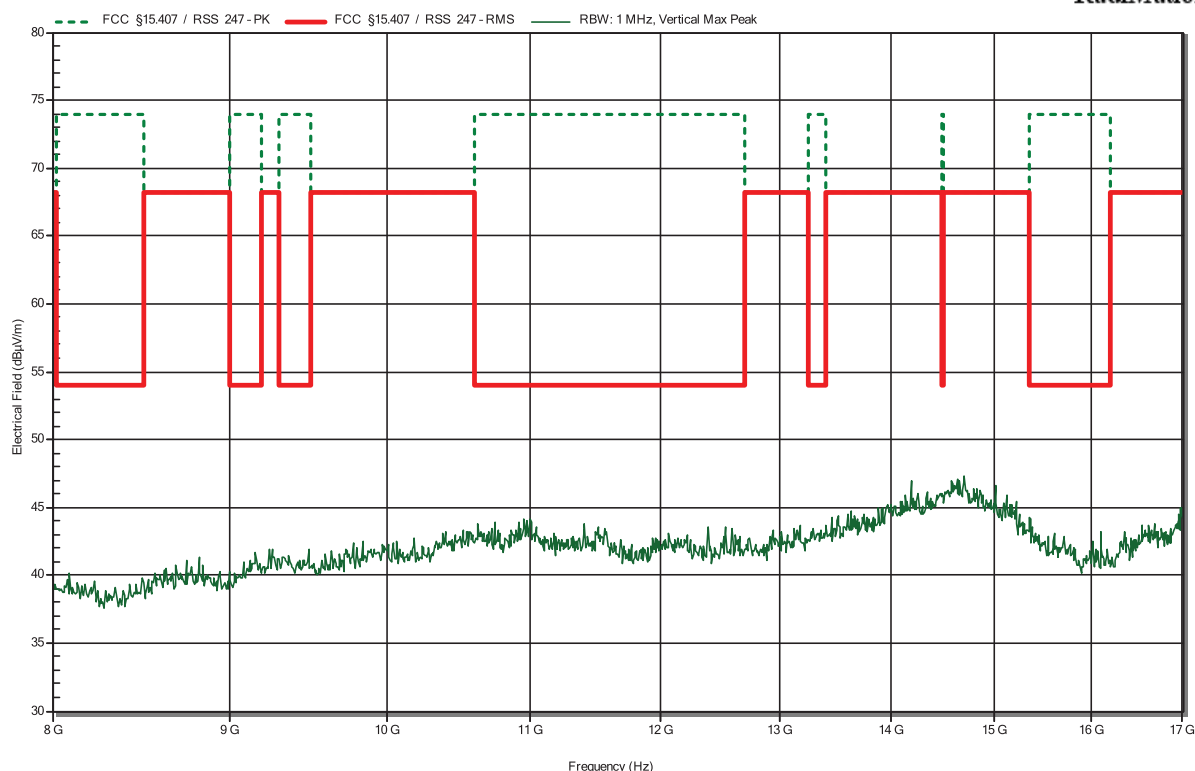


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 Note: EUT horizontal

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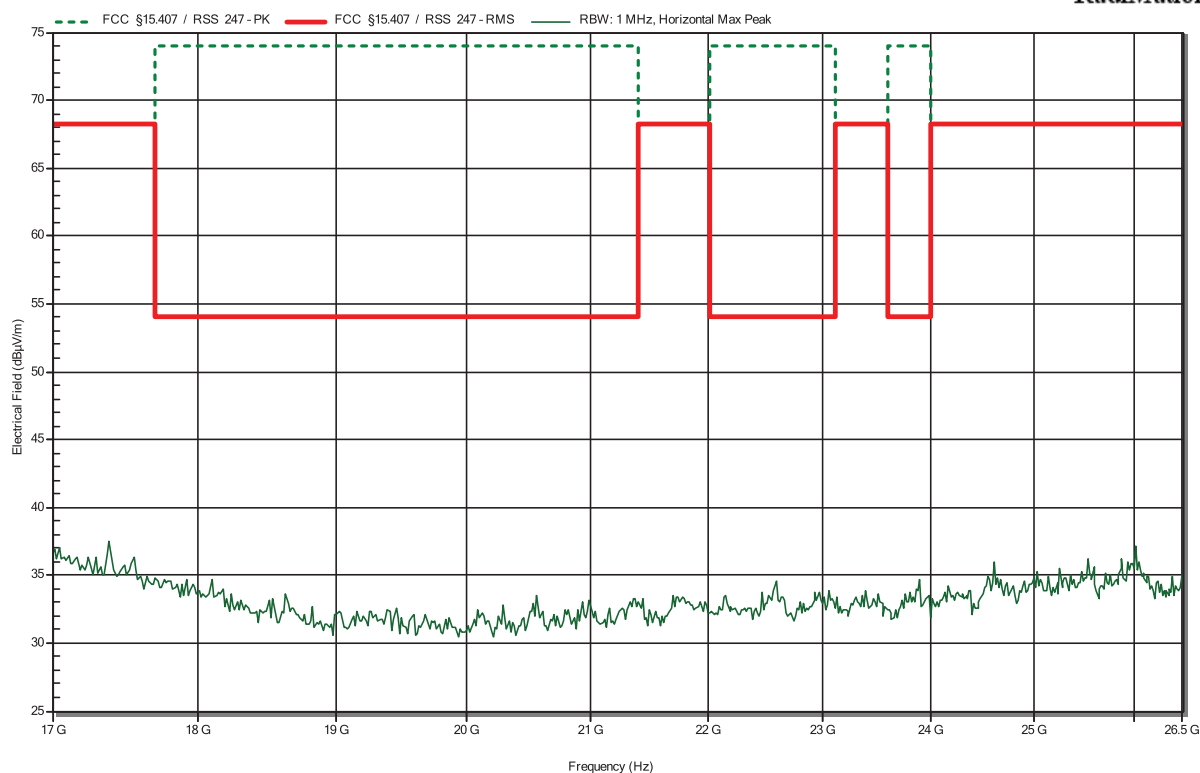


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 Antenna: Amplifier Research AT4560, Horizontal
 Measurement distance: 1 m
 Mode: Tx; IEEE 802.11 n; UNII-3; HT 40; 5795 MHz
 Test Date: 2021-07-20
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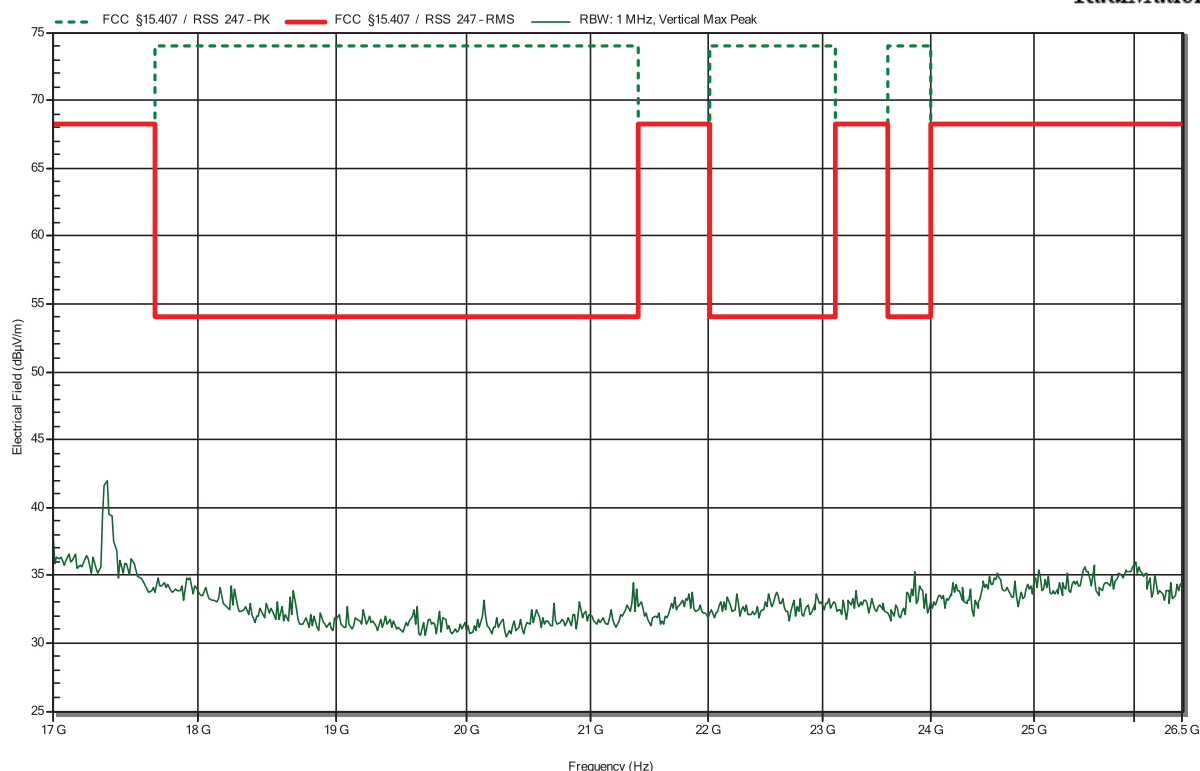


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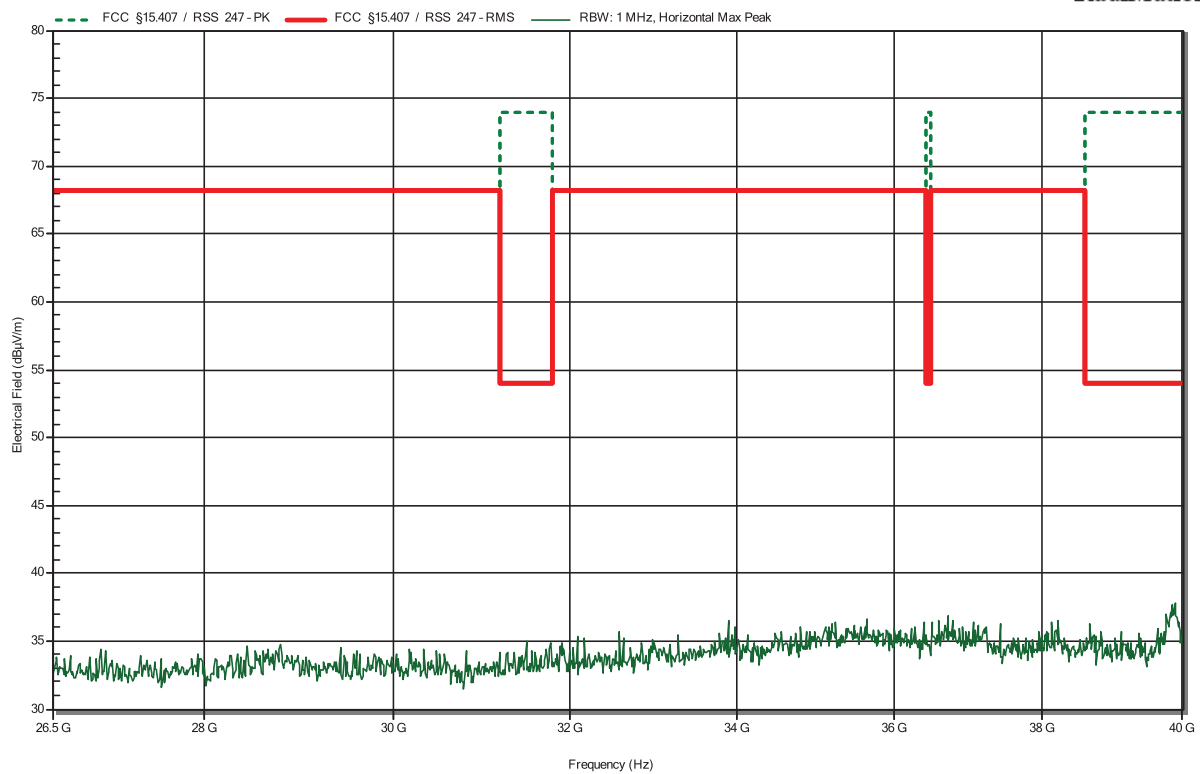


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 Test Conditions: Tnom: 24 °Celsius, Vnom: 3.3 V DC
 Antenna: Flann Microwave Ltd 22240-25+CBL26402075, Horizontal
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 Test Date: 2021-07-20
 Note: EUT horizontal

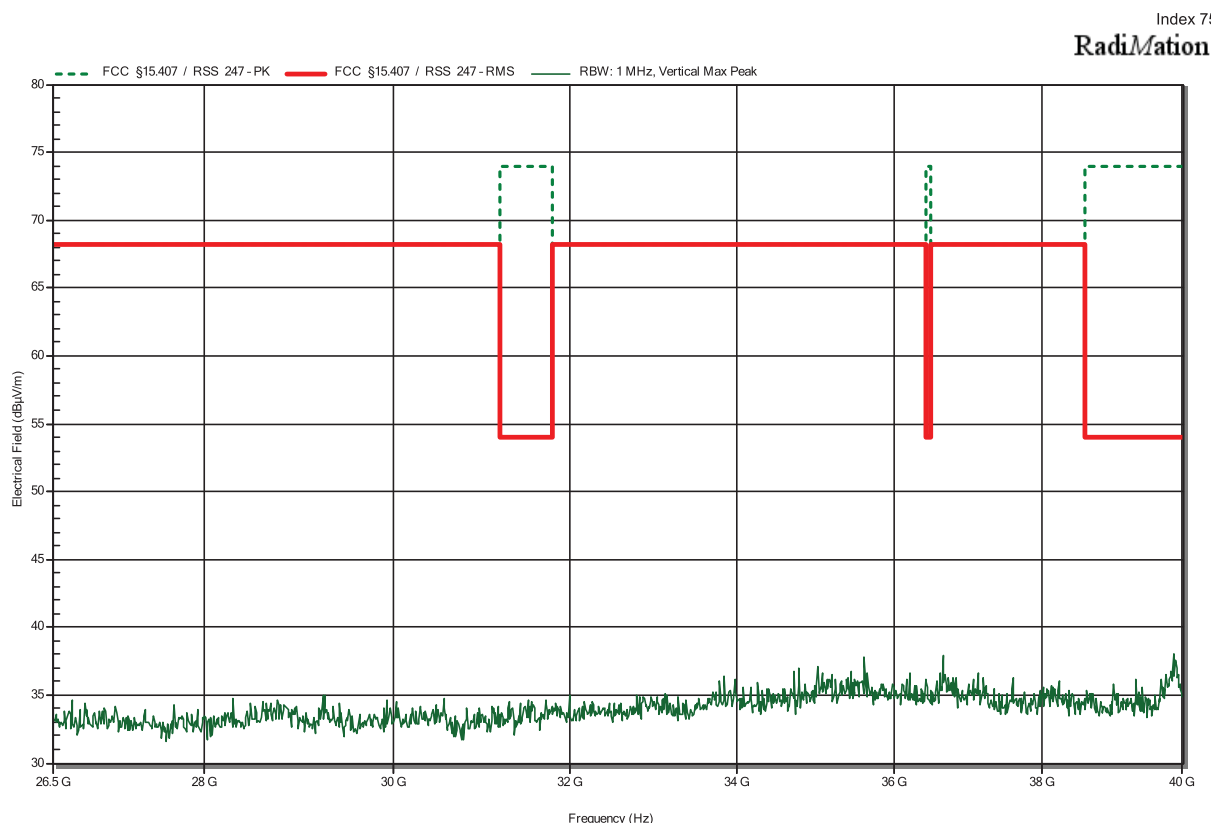
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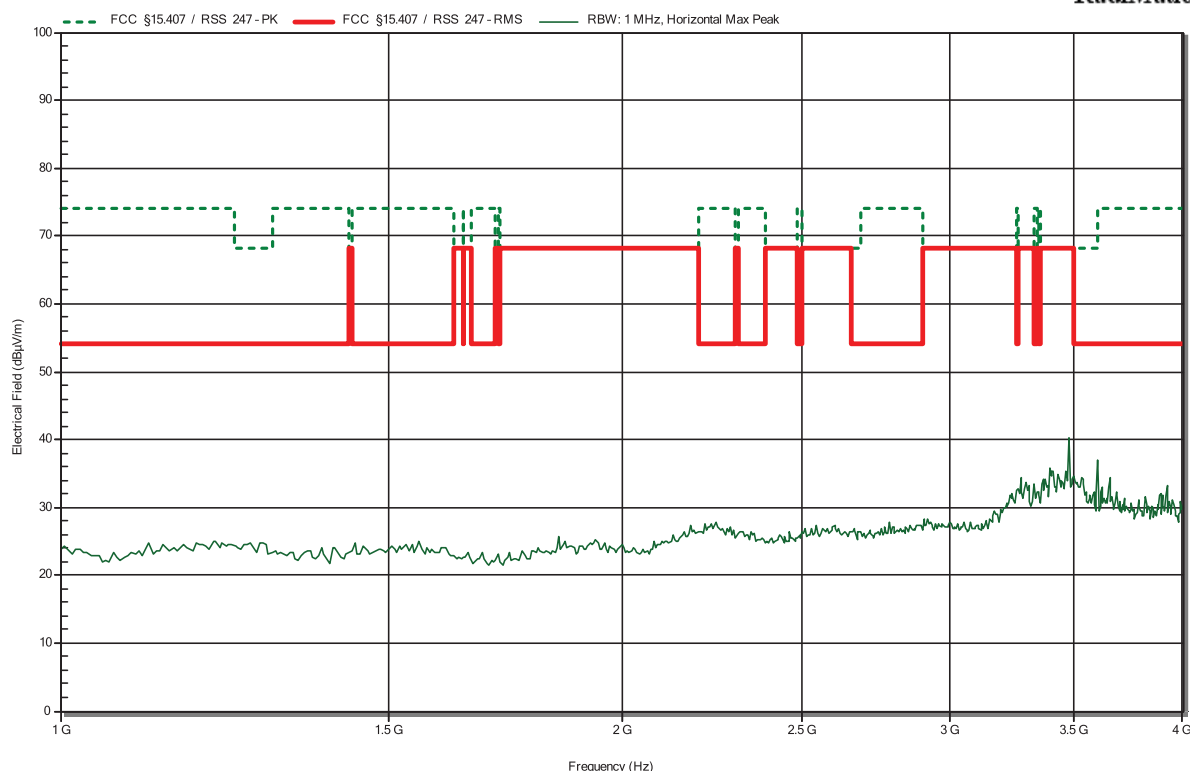


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 Test Date: 2021-07-20
 Note: EUT horizontal

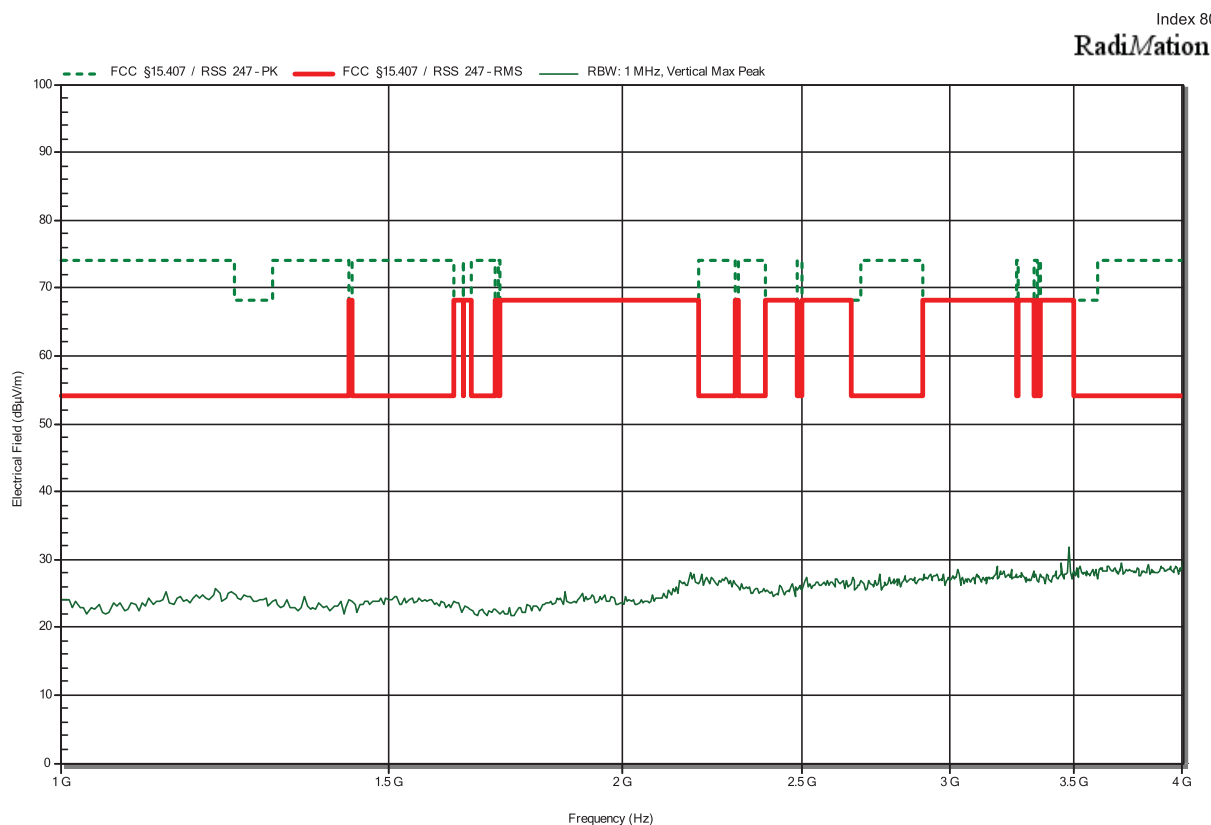
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 Test Date: 2021-07-20
 Note: EUT horizontal

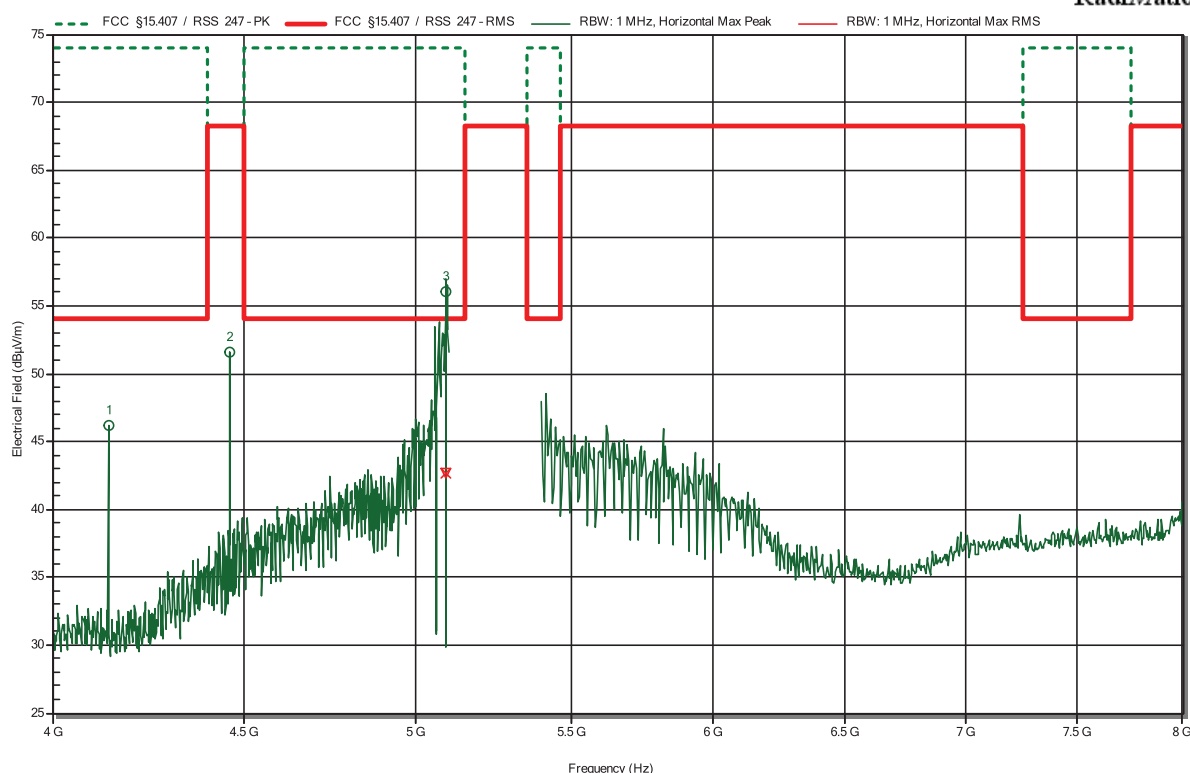


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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.139 GHz	46.2 dBμV/m	74 dBμV/m	-27.8 dB	Pass
4.458 GHz	51.57 dBμV/m	68.2 dBμV/m	-16.63 dB	Pass
5.09 GHz	56.09 dBμV/m	74 dBμV/m	-17.91 dB	Pass

Frequency	RMS	RMS Limit	RMS Difference	RMS Status
5.09 GHz	42.68 dBμV/m	54 dBμV/m	-11.32 dB	Pass

Test Report No.: G0M-2101-9569-TFC407WF-V01

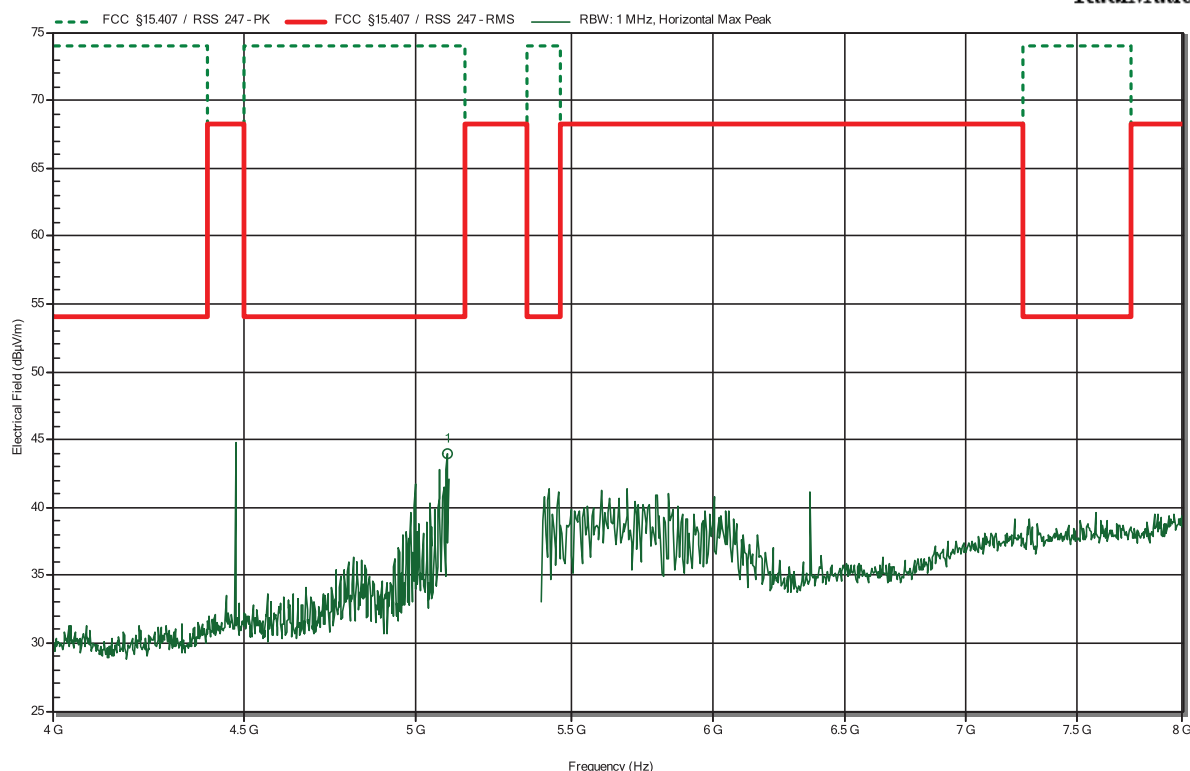
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to FCC 15.407

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 Test Date: 2021-07-20
 Note: EUT horizontal

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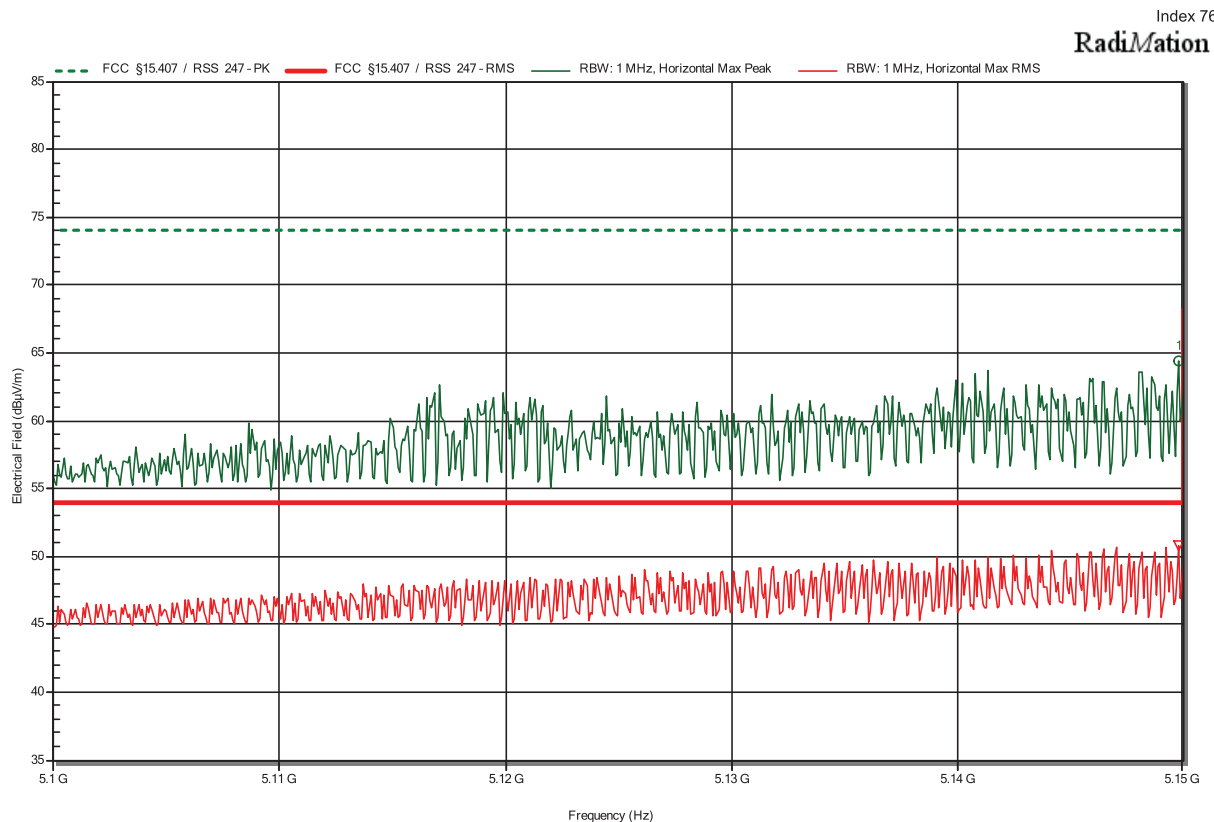
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
5.095 GHz	43.94 dBµV/m	74 dBµV/m	-30.06 dB	Pass

Radiated Spurious Emissions according to FCC 15.407

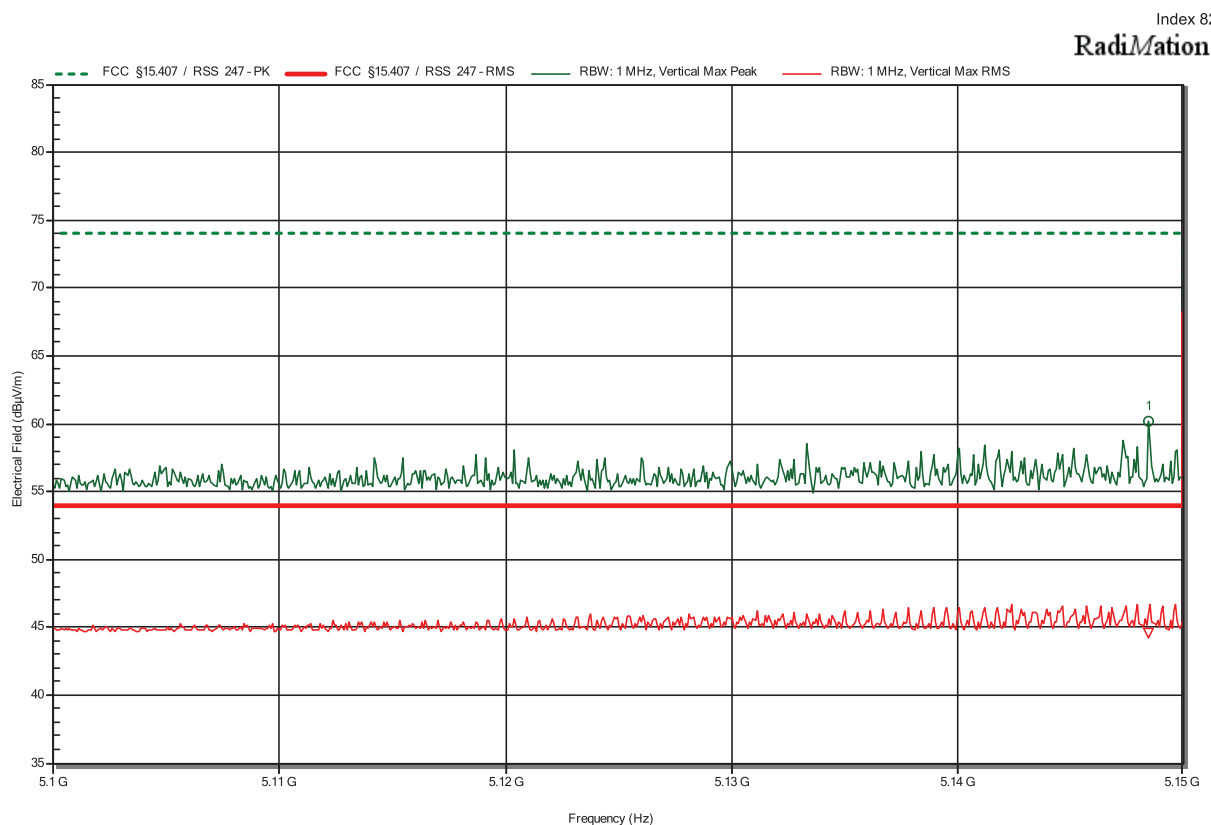
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 Antenna: Schwarzbeck BBHA 9120D, Horizontal
 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11 ac; UNII-1; VHT80; 5210 MHz
 Test Date: 2021-07-20
 Note: lower band area



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
5.15 GHz	64.46 dBµV/m	74 dBµV/m	-9.54 dB	Pass
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
5.15 GHz	50.75 dBµV/m	54 dBµV/m	-3.25 dB	Pass

Radiated Spurious Emissions according to FCC 15.407

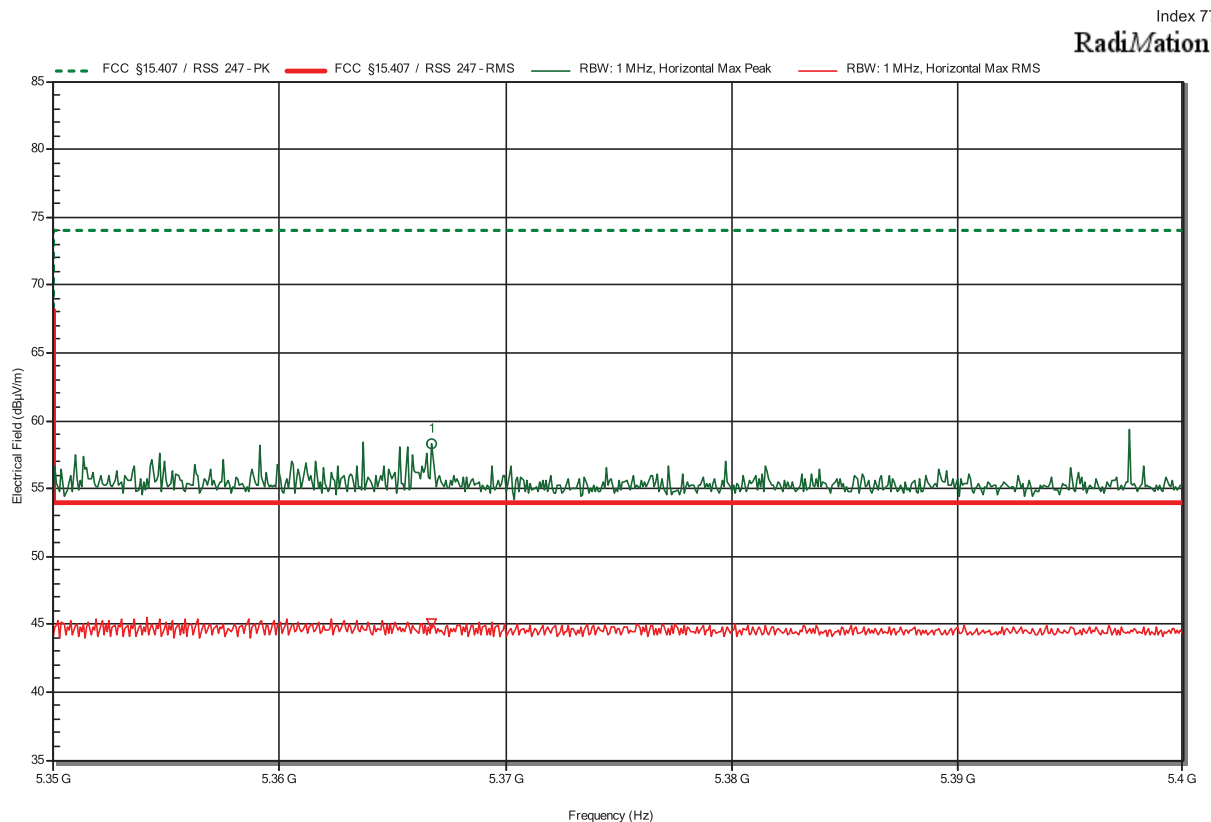
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Frequency	Peak	Peak Limit	Peak Difference	Peak Status
5.148 GHz	60.19 dBµV/m	74 dBµV/m	-13.81 dB	Pass
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
5.148 GHz	44.61 dBµV/m	54 dBµV/m	-9.39 dB	Pass

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 Measurement distance: 3 m
 Mode: Tx; IEEE 802.11 ac; UNII-1; VHT80; 5210 MHz
 Test Date: 2021-07-20
 Note: upper bandedge



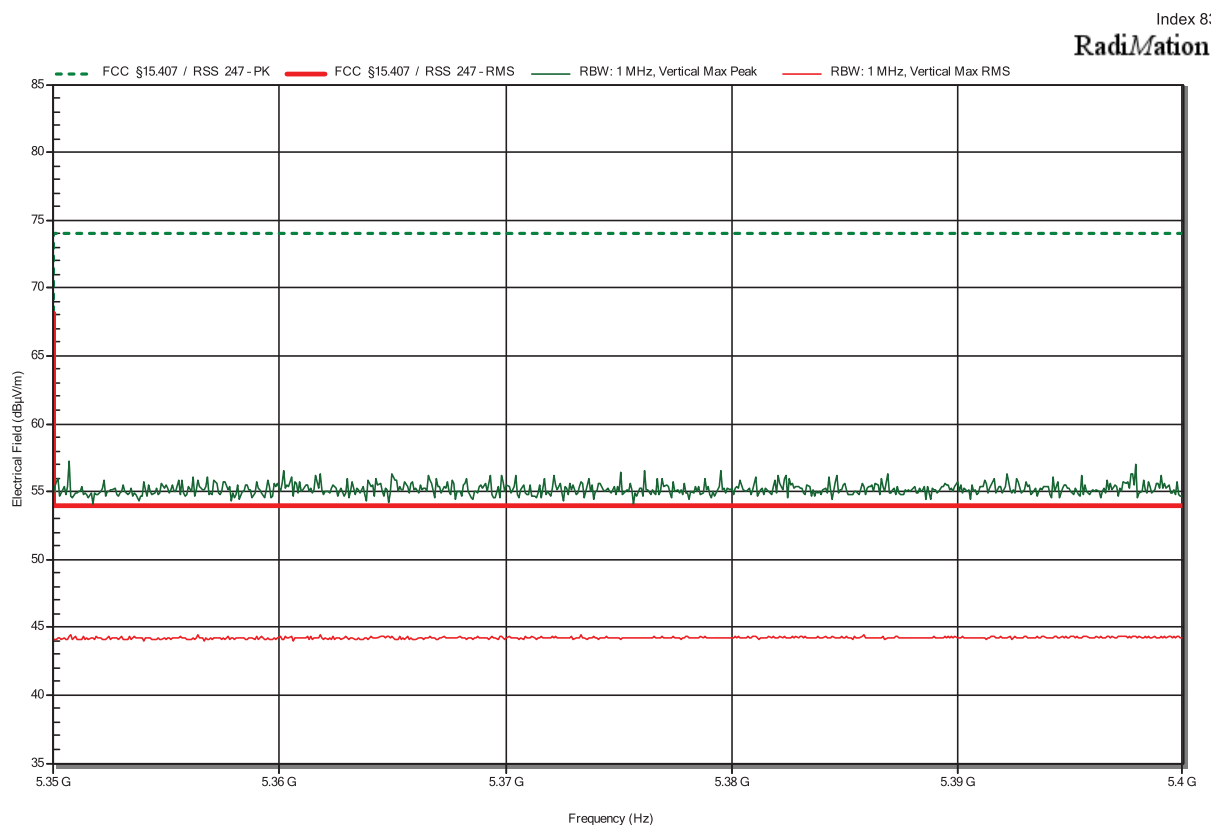
Frequency 5.367 GHz	Peak 58.28 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -15.72 dB	Peak Status Pass
Frequency 5.367 GHz	RMS 45 dBµV/m	RMS Limit 54 dBµV/m	RMS Difference -9 dB	RMS Status Pass

Test Report No.: G0M-2101-9569-TFC407WF-V01

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

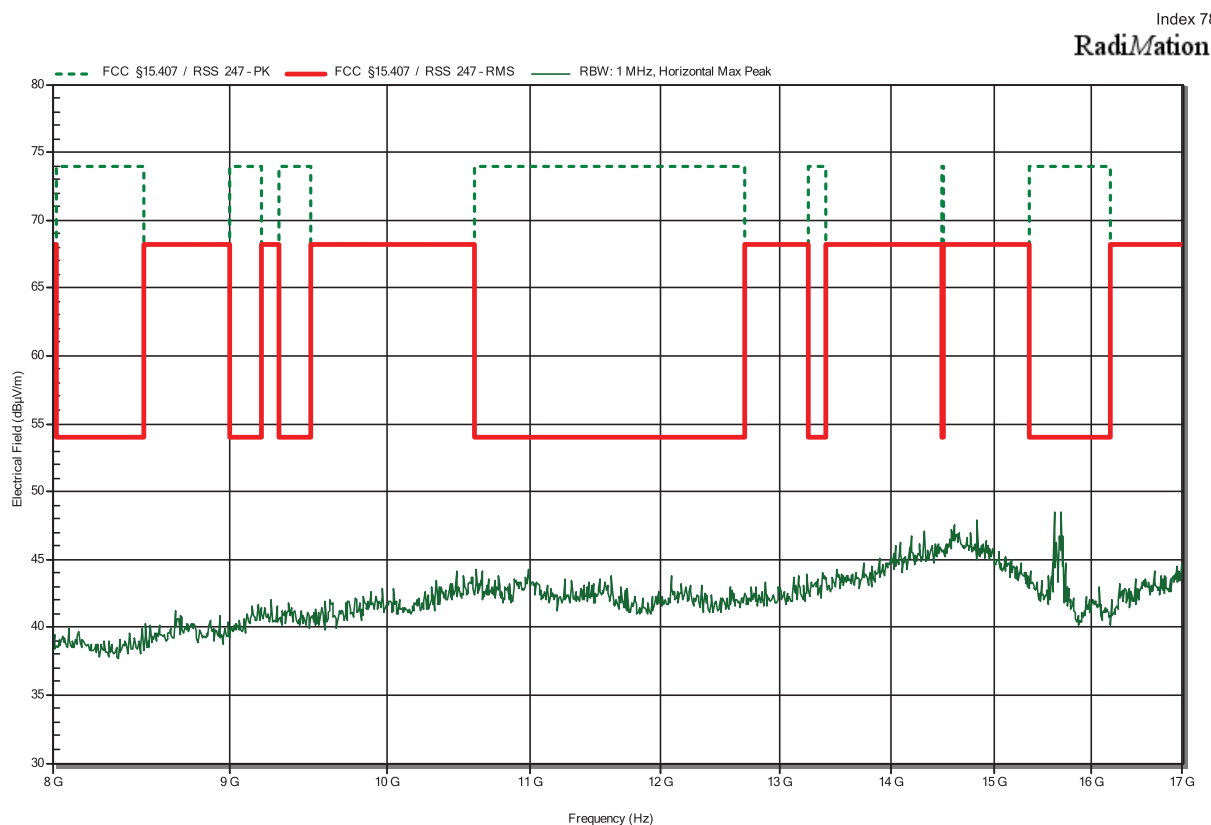
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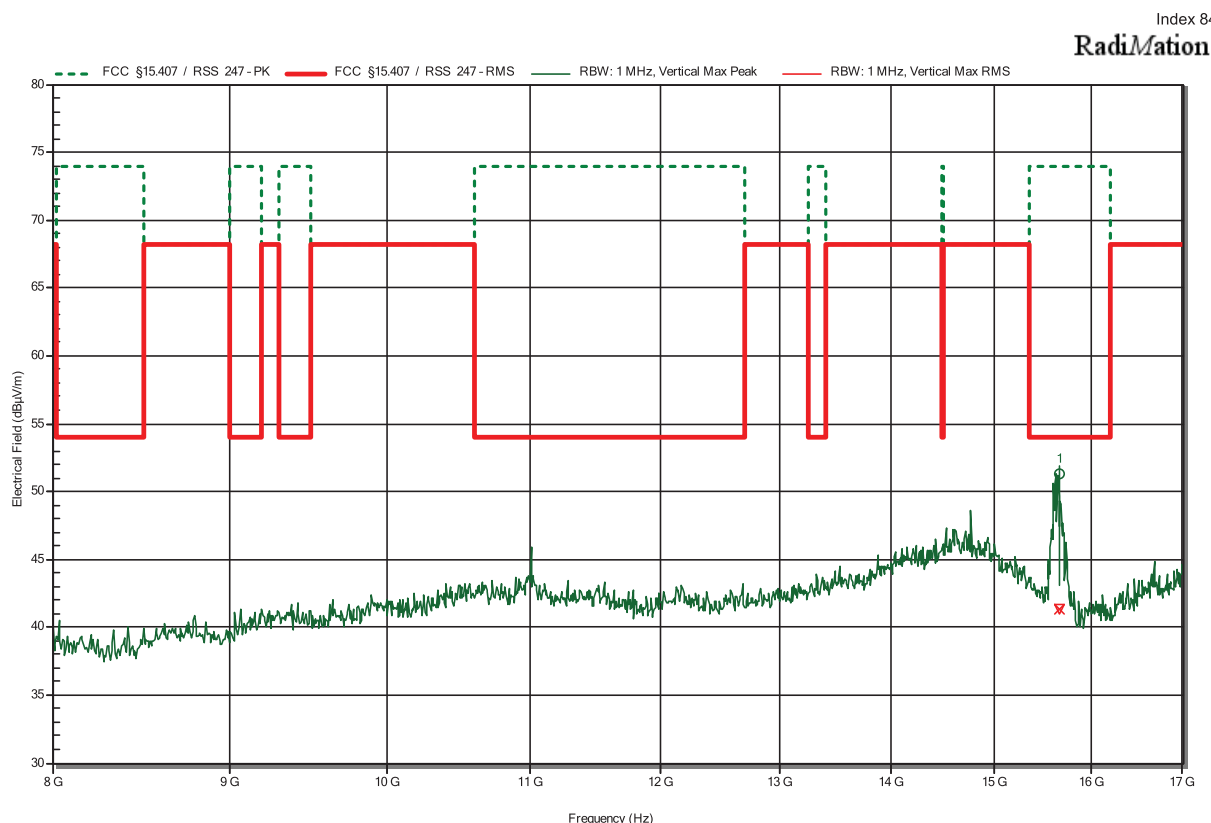
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 Note: EUT horizontal



Frequency 15.659 GHz	Peak 51.28 dBµV/m	Peak Limit 74 dBµV/m	Peak Difference -22.72 dB	Peak Status Pass
Frequency 15.659 GHz	RMS 41.27 dBµV/m	RMS Limit 54 dBµV/m	RMS Difference -12.73 dB	RMS Status Pass

Test Report No.: G0M-2101-9569-TFC407WF-V01

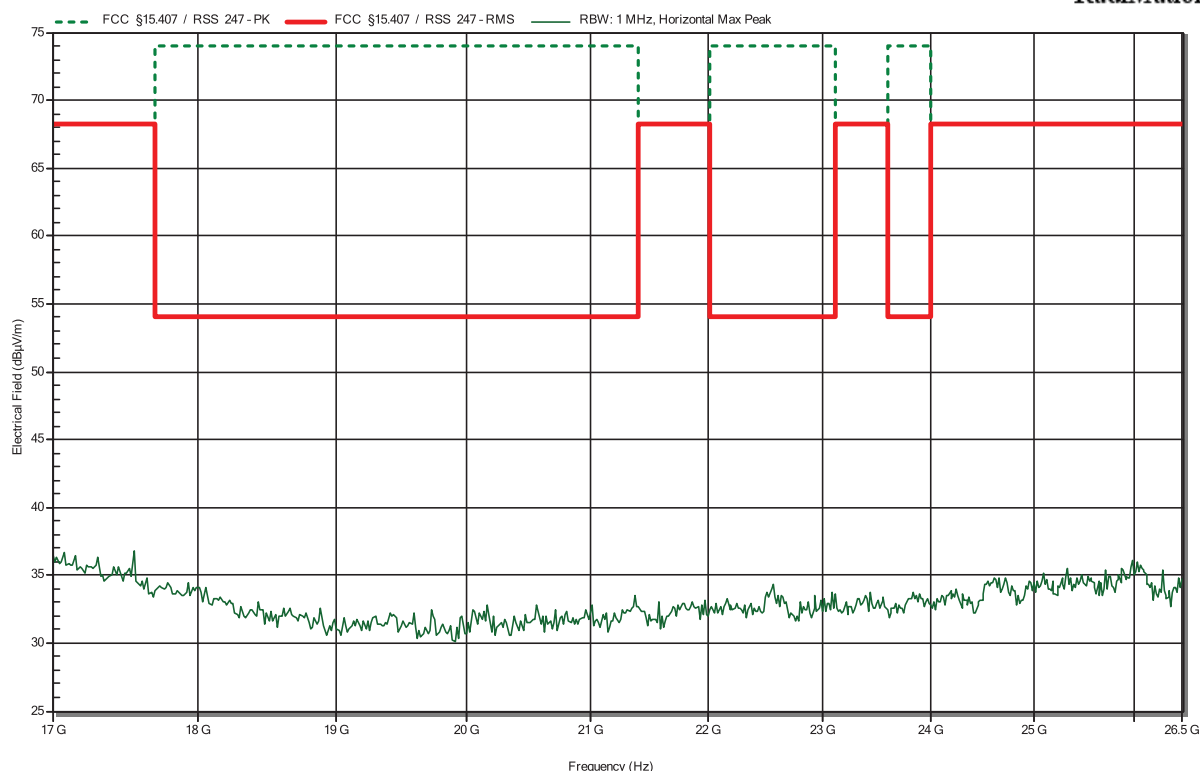
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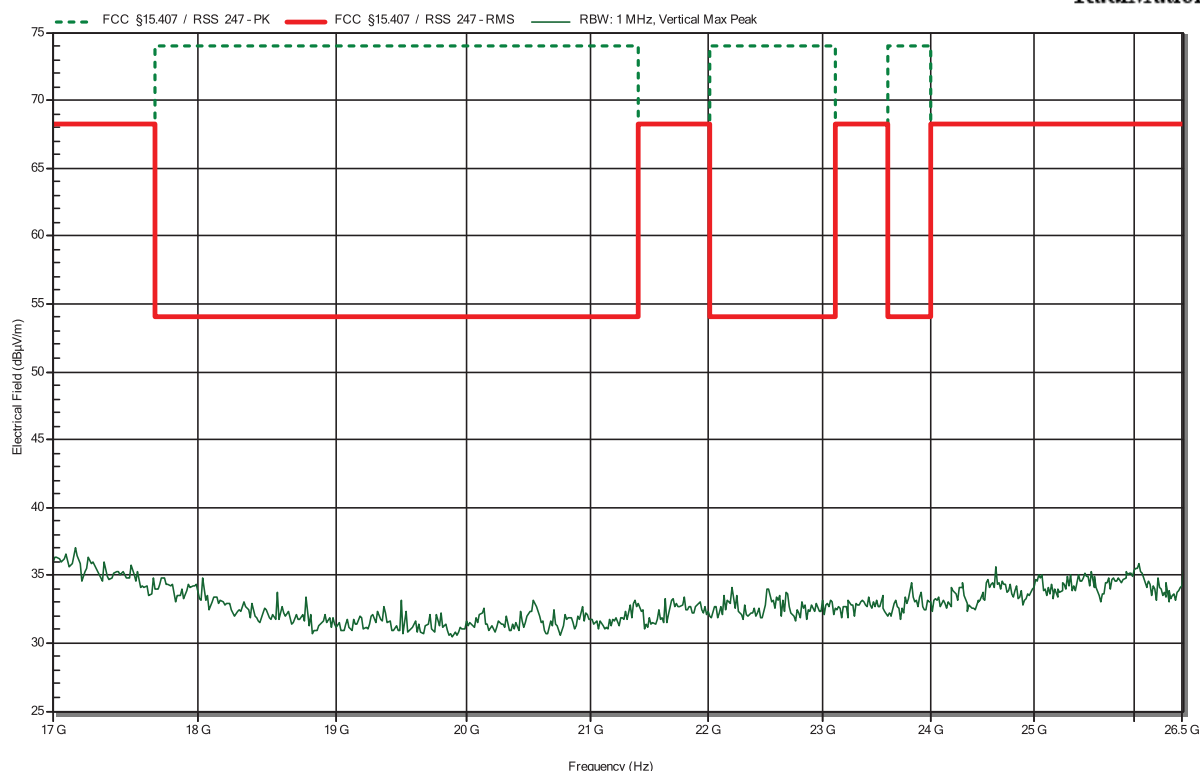


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