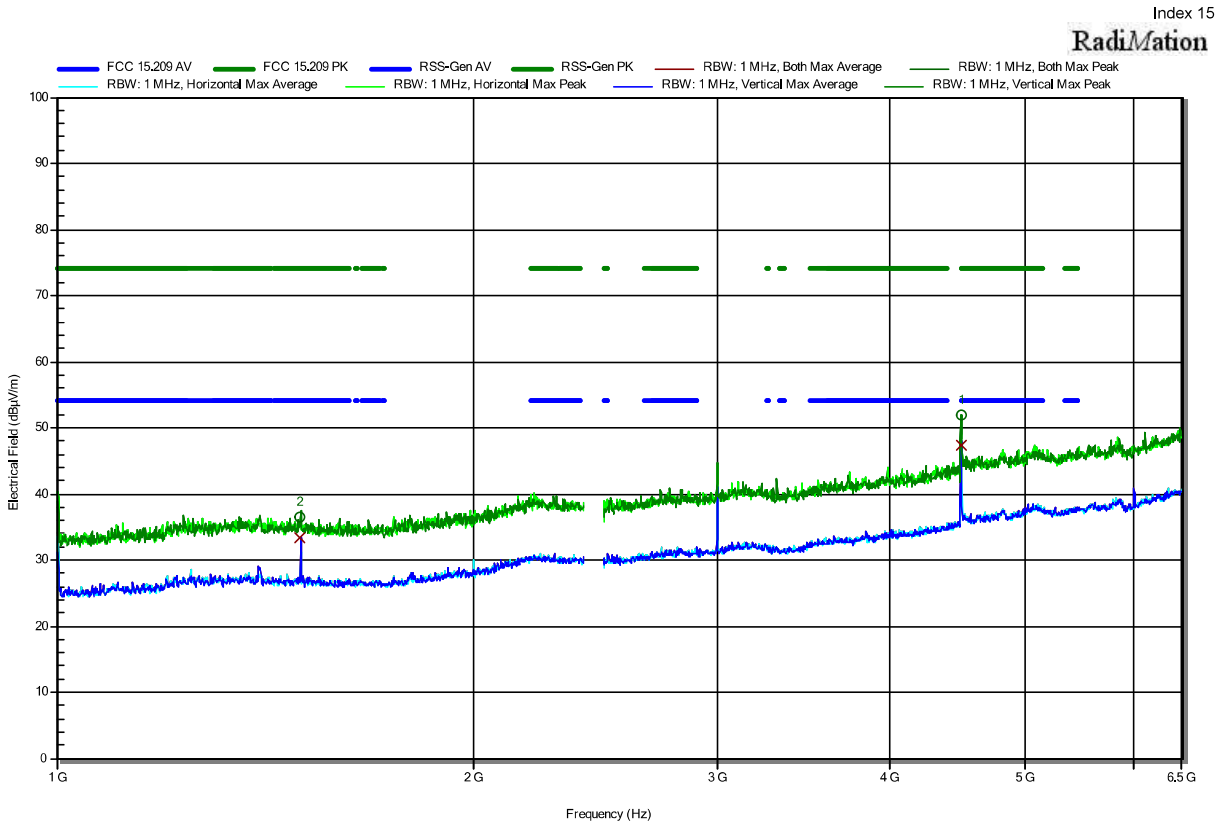
Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; BTLE, 2440 MHz, 2-GFSK, 1Mbps
Test Date:	2023-07-12
Note:	

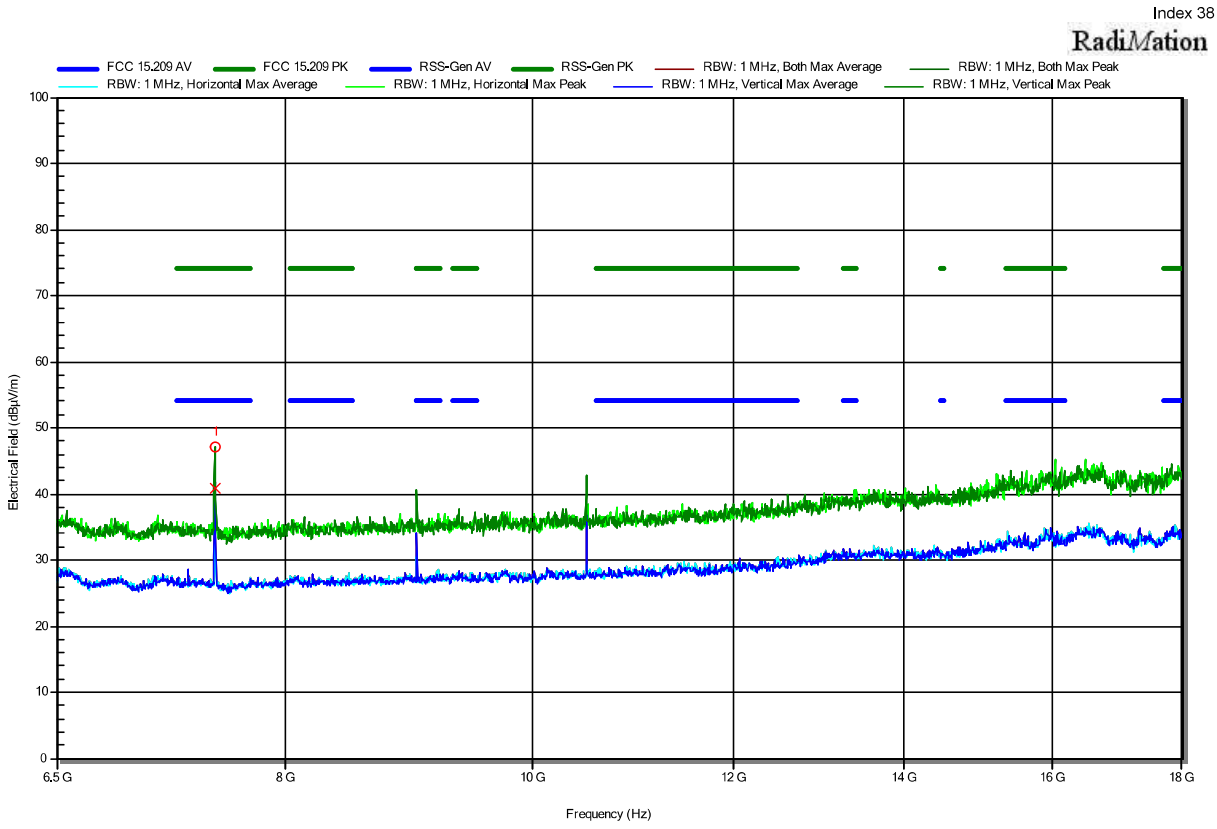


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.5 GHz	36.46 dBµV/m	74 dBµV/m	-37.54 dB	Pass	Vertical
4.5 GHz	51.92 dBµV/m	74 dBµV/m	-22.08 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
1.5 GHz	33.26 dBµV/m	54 dBµV/m	-20.74 dB	Pass	Vertical
4.5 GHz	47.26 dBµV/m	54 dBµV/m	-6.74 dB	Pass	Vertical

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

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	A.Ibraimov
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 25 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck HWRD 650
Measurement distance:	3 m
Mode:	Tx; BTLE, 2440 MHz, 2-GFSK, 1Mbps
Test Date:	2023-08-16
Note:	

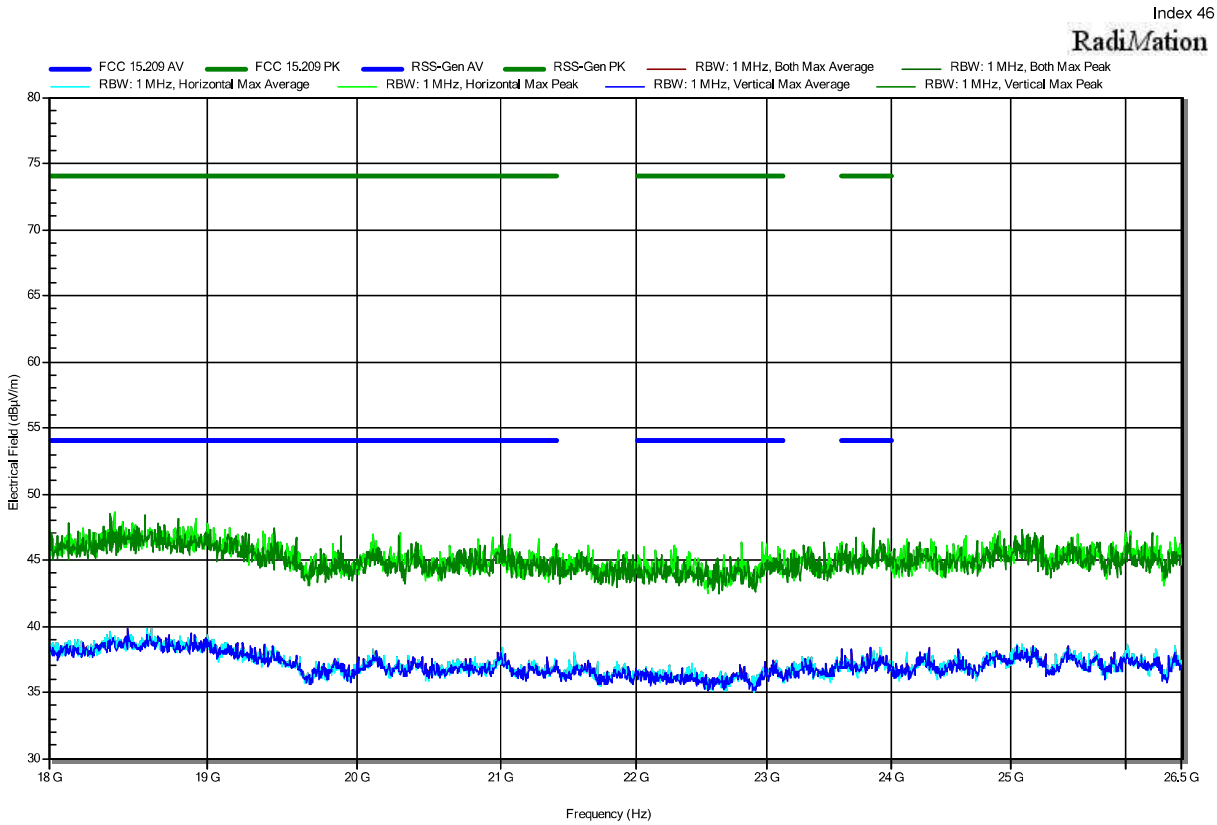


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
7.5 GHz	47.2 dBµV/m	74 dBµV/m	-26.8 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
7.5 GHz	40.79 dBµV/m	54 dBµV/m	-13.21 dB	Pass	Vertical

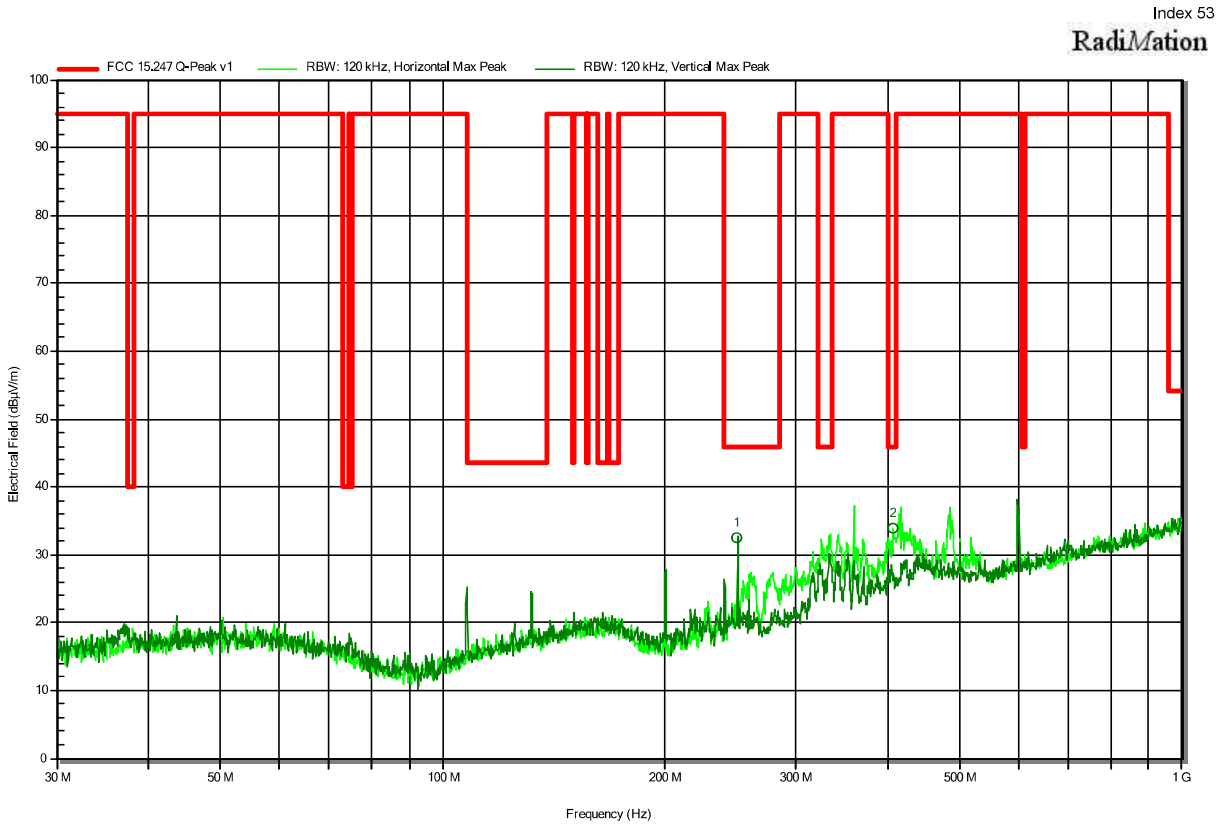
Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	A.Ibraimov
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 25 °Celsius, Vnom: 13.8 VDC
Antenna:	Configurable Antenna
Measurement distance:	3 m
Mode:	Tx; BTLE, 2440 MHz, 2-GFSK, 1Mbps
Test Date:	2023-08-16
Note:	



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

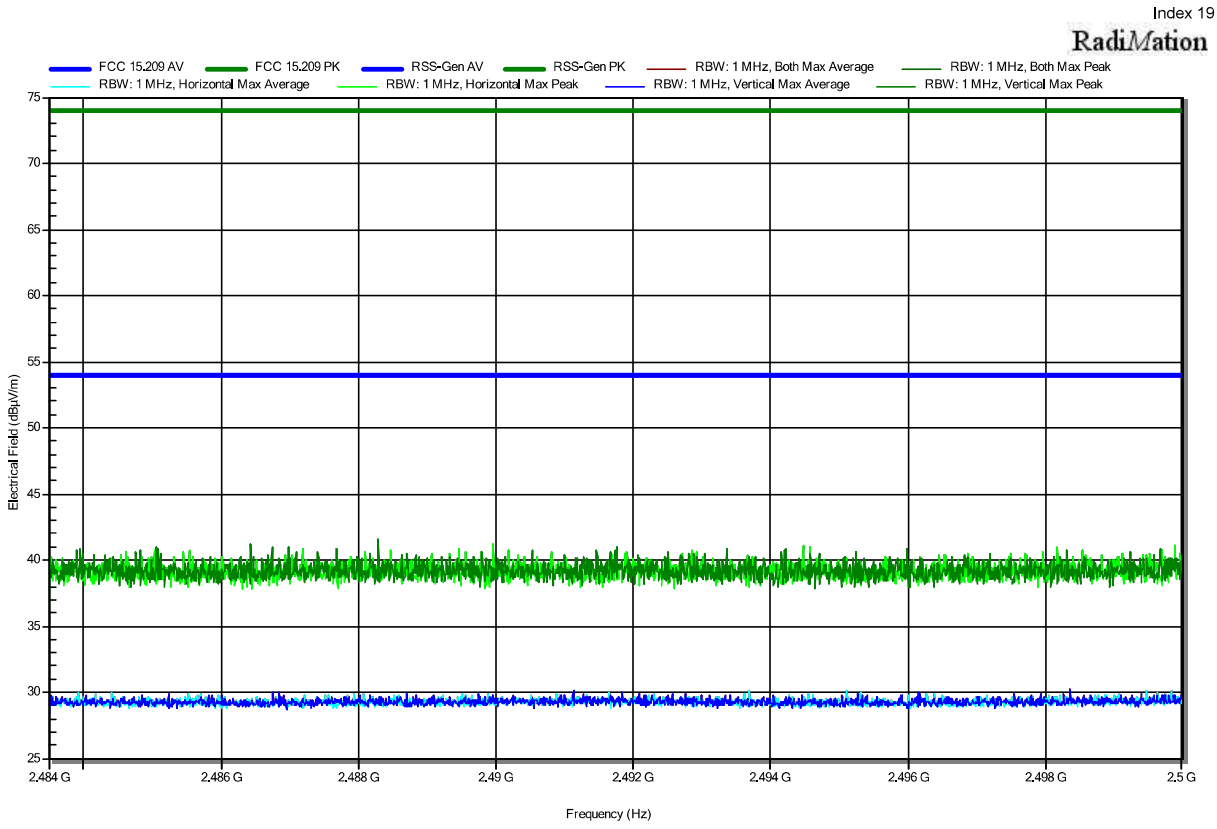
Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	A.Ibraimov
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 25 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck VULB 9168
Measurement distance:	3 m
Mode:	Tx; BTLE, 2480 MHz, 2-GFSK, 1Mbps
Test Date:	2023-08-18
Note:	



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
249.996 MHz	32.4 dBµV/m	46 dBµV/m	-13.59 dB	Pass	Vertical
406.2872 MHz	33.9 dBµV/m	46 dBµV/m	-12.09 dB	Pass	Horizontal

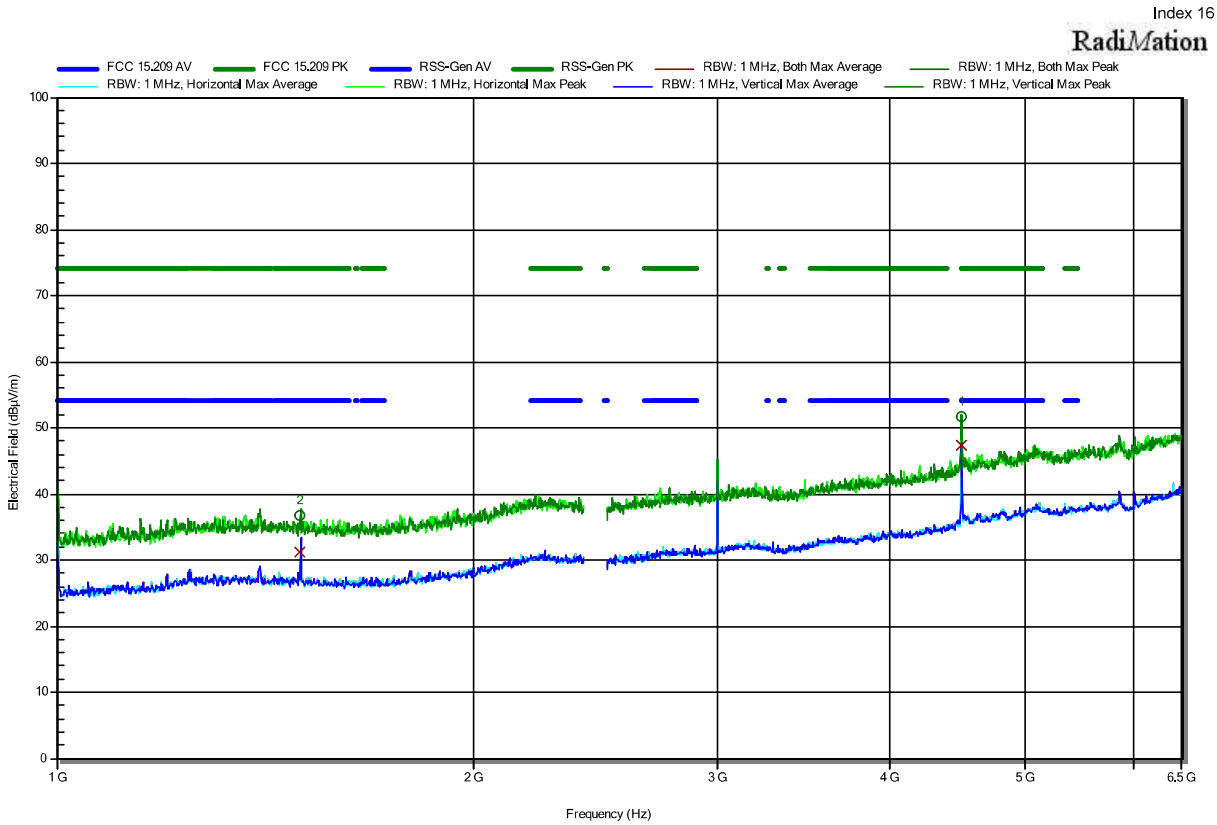
Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; BTLE, 2480 MHz, 2-GFSK, 1Mbps
Test Date:	2023-07-13
Note:	



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

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; BTLE, 2480 MHz, 2-GFSK, 1Mbps
Test Date:	2023-07-12
Note:	

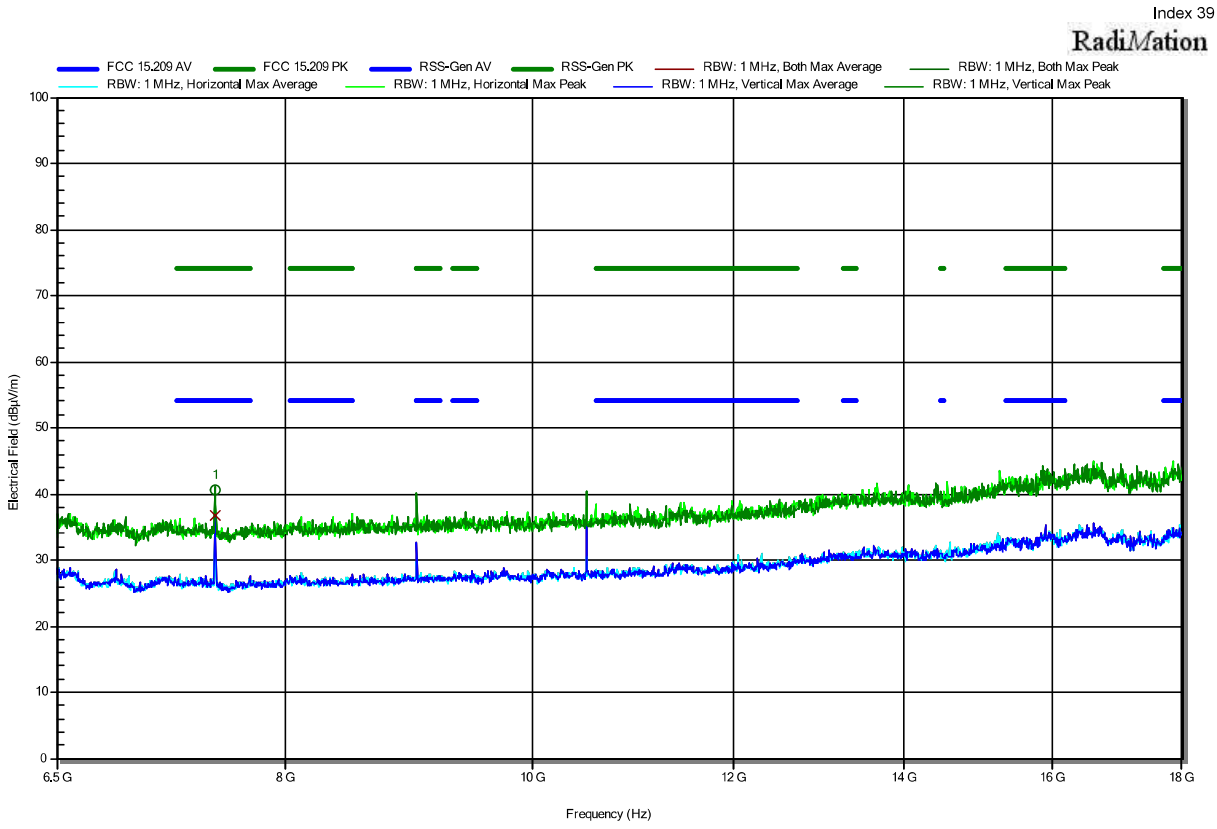


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.5 GHz	36.63 dBµV/m	74 dBµV/m	-37.37 dB	Pass	Vertical
4.5 GHz	51.58 dBµV/m	74 dBµV/m	-22.42 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
1.5 GHz	31.32 dBµV/m	54 dBµV/m	-22.68 dB	Pass	Vertical
4.5 GHz	47.32 dBµV/m	54 dBµV/m	-6.68 dB	Pass	Vertical

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

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	A.Ibraimov
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 25 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck HWRD 650
Measurement distance:	3 m
Mode:	Tx; BTLE, 2480 MHz, 2-GFSK, 1Mbps
Test Date:	2023-08-16
Note:	

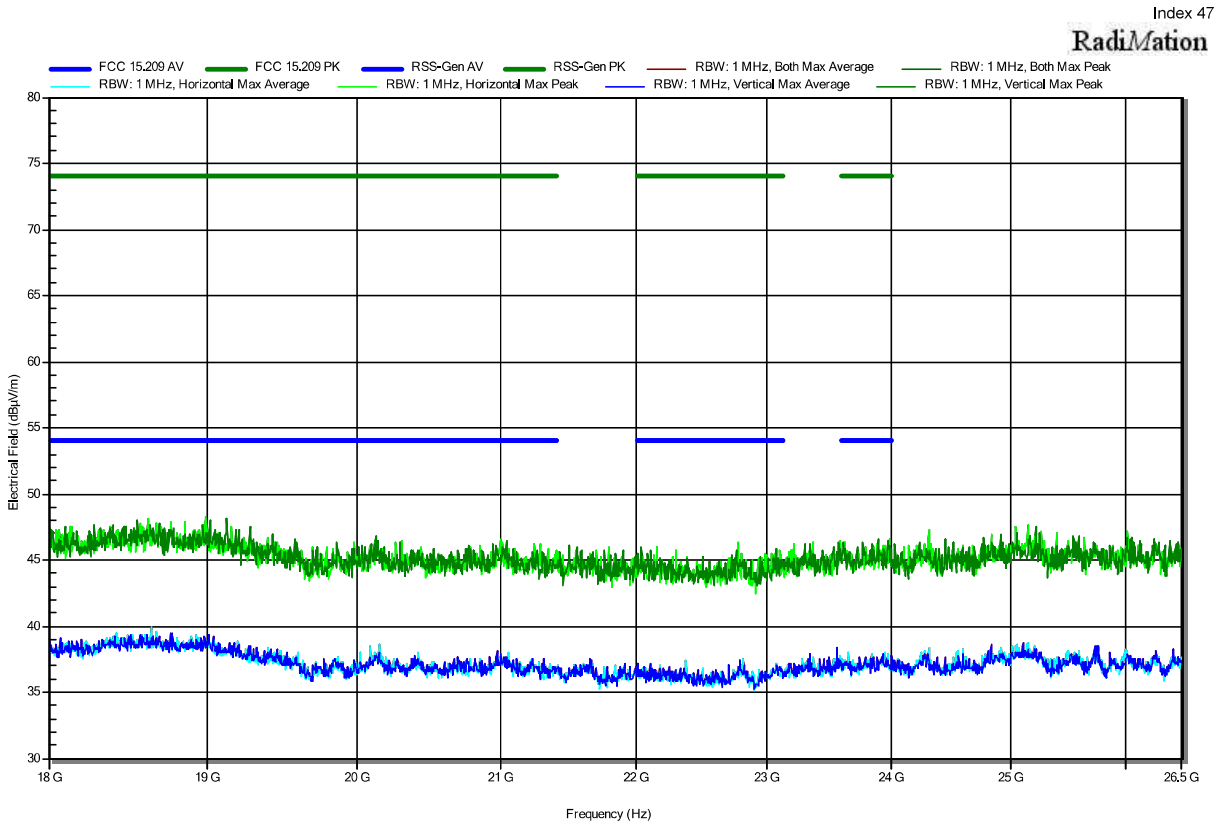


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
7.5 GHz	40.57 dBµV/m	74 dBµV/m	-33.43 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
7.5 GHz	36.76 dBµV/m	54 dBµV/m	-17.24 dB	Pass	Vertical

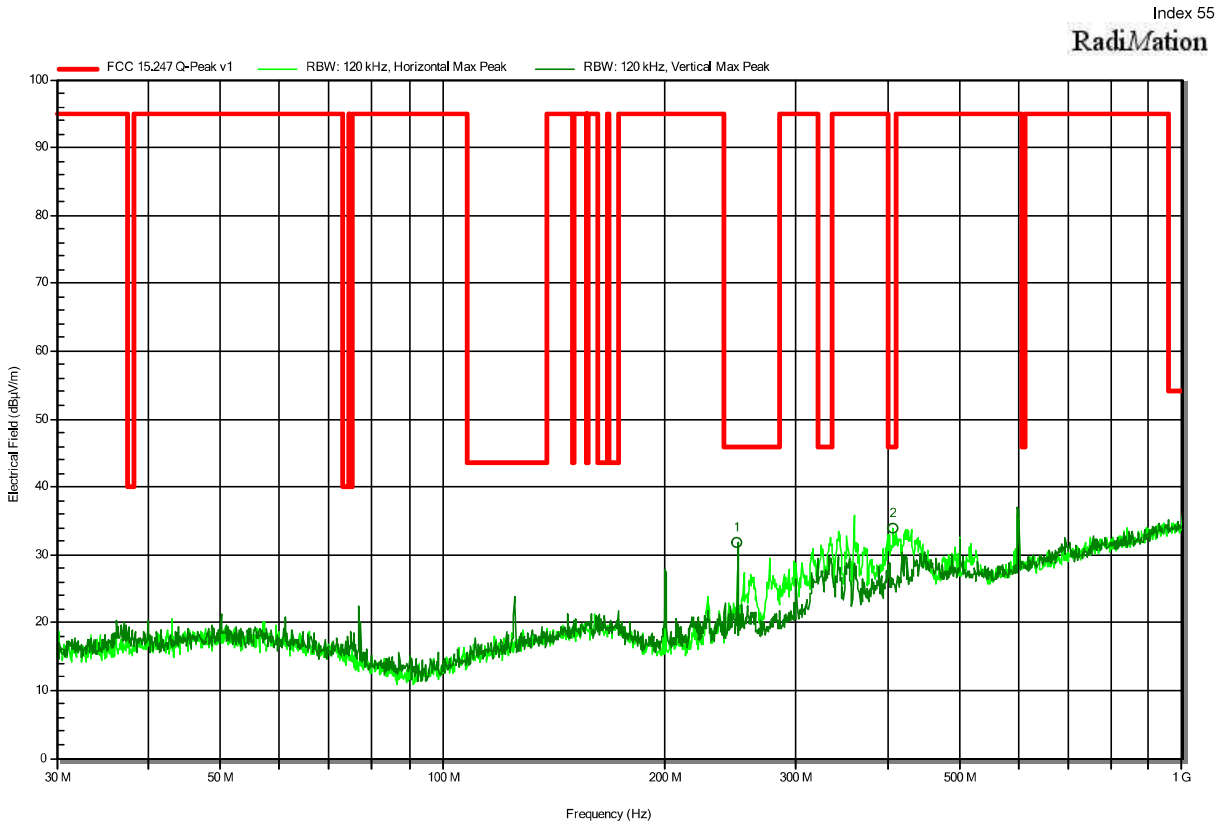
Radiated Spurious Emissions according to 47 CFR Part 15.247, RSS-247

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	A.Ibraimov
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 25 °Celsius, Vnom: 13.8 VDC
Antenna:	Configurable Antenna
Measurement distance:	3 m
Mode:	Tx; BTLE, 2480 MHz, 2-GFSK, 1Mbps
Test Date:	2023-08-16
Note:	



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

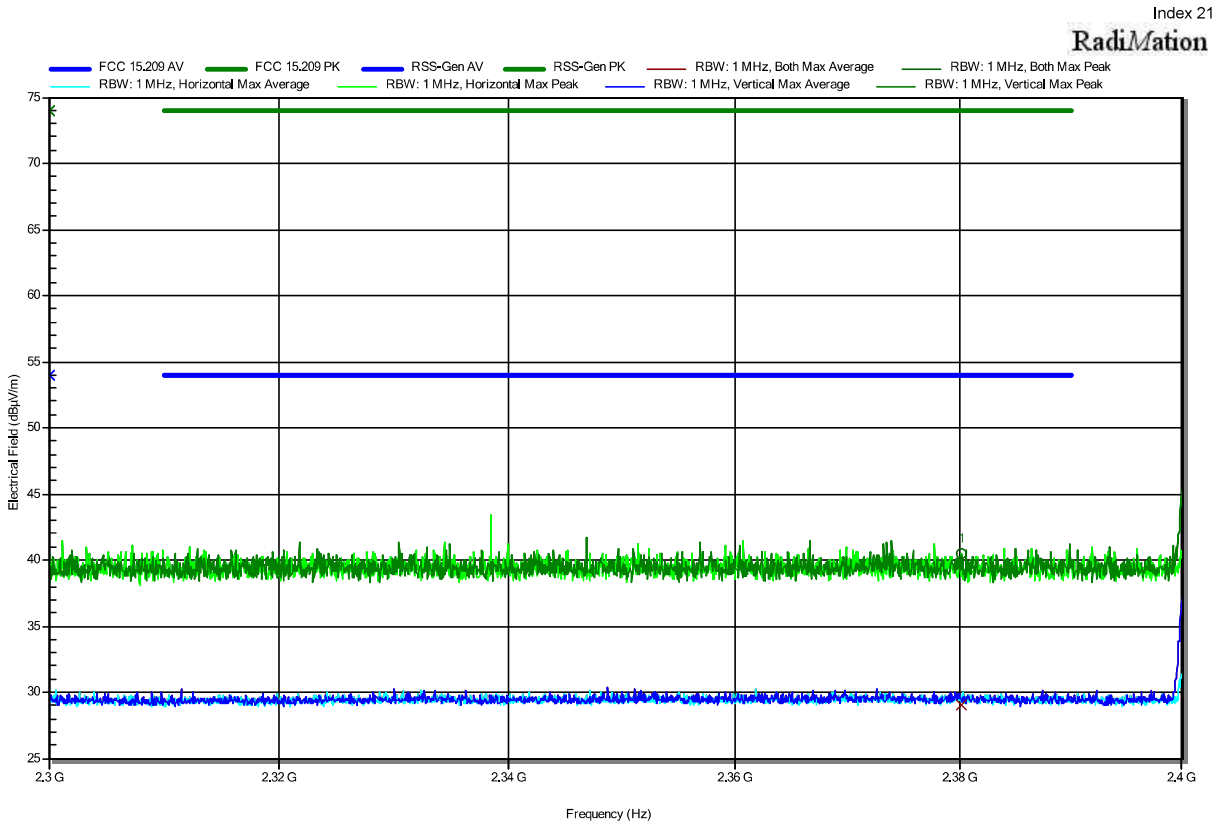
Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	A.Ibraimov
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 25 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck VULB 9168
Measurement distance:	3 m
Mode:	Tx; BTLE, 2402 MHz, 2-GFSK, 2Mbps
Test Date:	2023-08-18
Note:	



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
249.996 MHz	31.8 dBµV/m	46 dBµV/m	-14.15 dB	Pass	Vertical
406.457 MHz	33.9 dBµV/m	46 dBµV/m	-12.12 dB	Pass	Horizontal

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

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; BTLE, 2402 MHz, 2-GFSK, 2Mbps
Test Date:	2023-07-13
Note:	

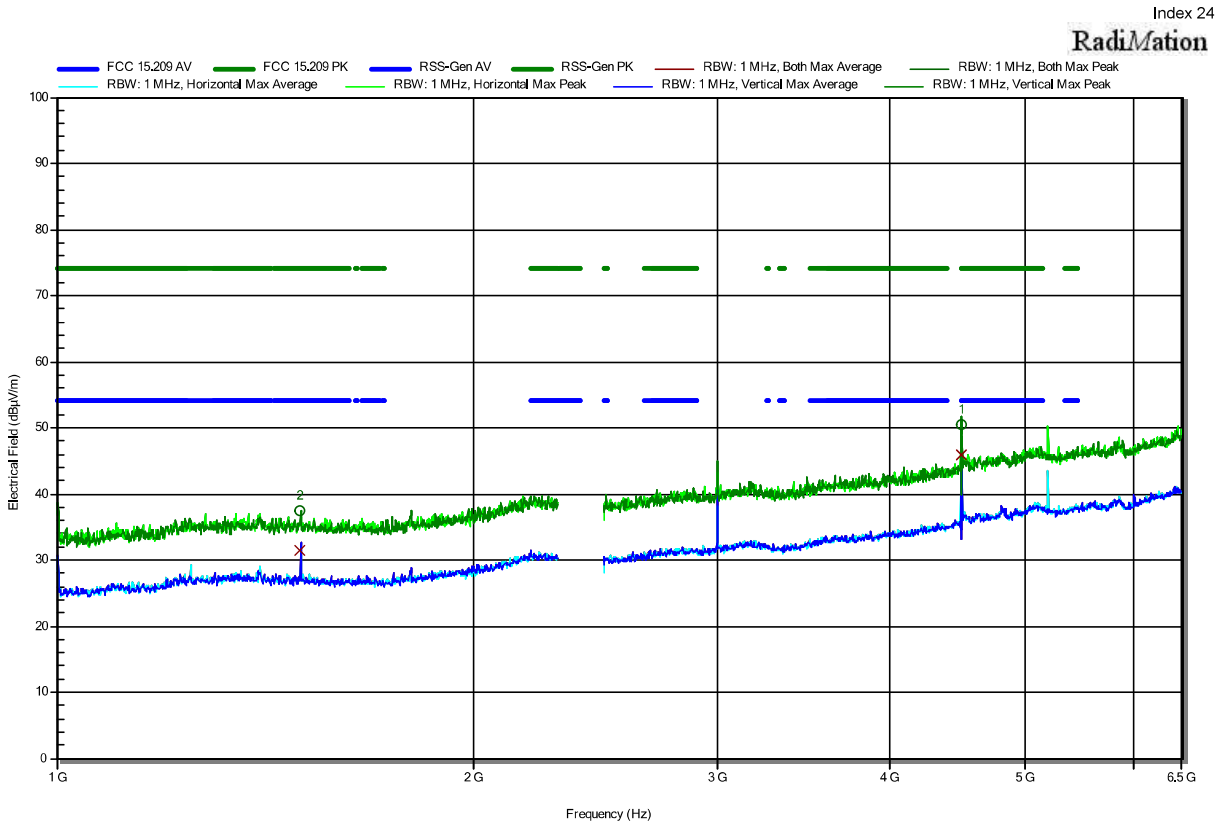


Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.3802 GHz	40.49 dBµV/m	74 dBµV/m	-33.51 dB	Pass	Horizontal

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
2.3802 GHz	29.08 dBµV/m	54 dBµV/m	-24.92 dB	Pass	Horizontal

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

Project Number:	G0M-2303-1961
Applicant:	Navico Inc.
Model Description:	Marine and recreational IoT Gateway and vessel management system
Model:	Connect 1
Test Sample ID:	44396
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2020.1.8
Test Conditions:	Tnom: 24 °Celsius, Vnom: 13.8 VDC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; BTLE, 2402 MHz, 2-GFSK, 2Mbps
Test Date:	2023-07-13
Note:	



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.4999 GHz	37.36 dBµV/m	74 dBµV/m	-36.64 dB	Pass	Vertical
4.5001 GHz	50.53 dBµV/m	74 dBµV/m	-23.47 dB	Pass	Vertical

Frequency	Average	Average Limit	Average Difference	Average Status	Polarization
1.4999 GHz	31.56 dBµV/m	54 dBµV/m	-22.44 dB	Pass	Vertical
4.5001 GHz	45.88 dBµV/m	54 dBµV/m	-8.12 dB	Pass	Vertical