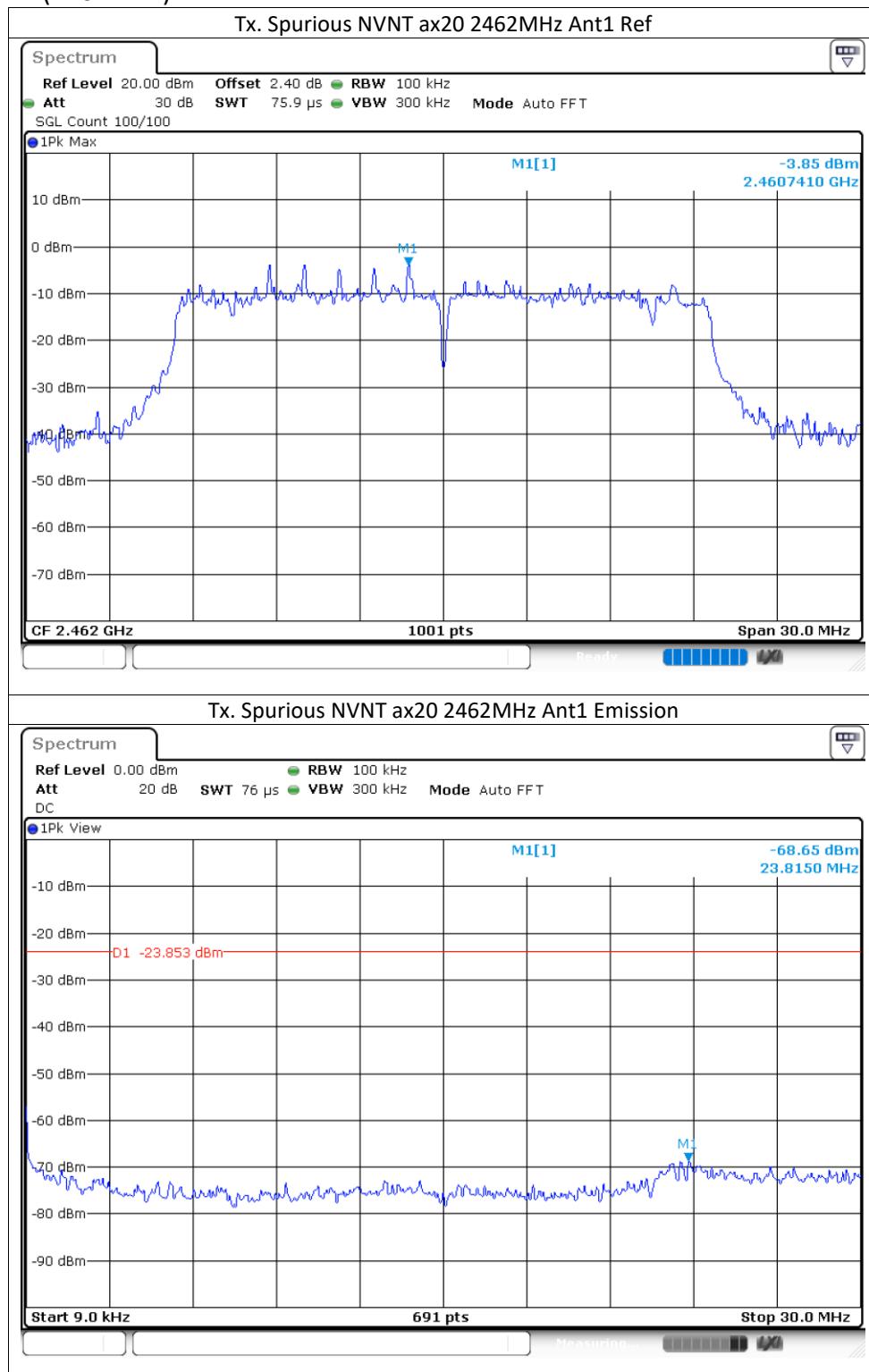
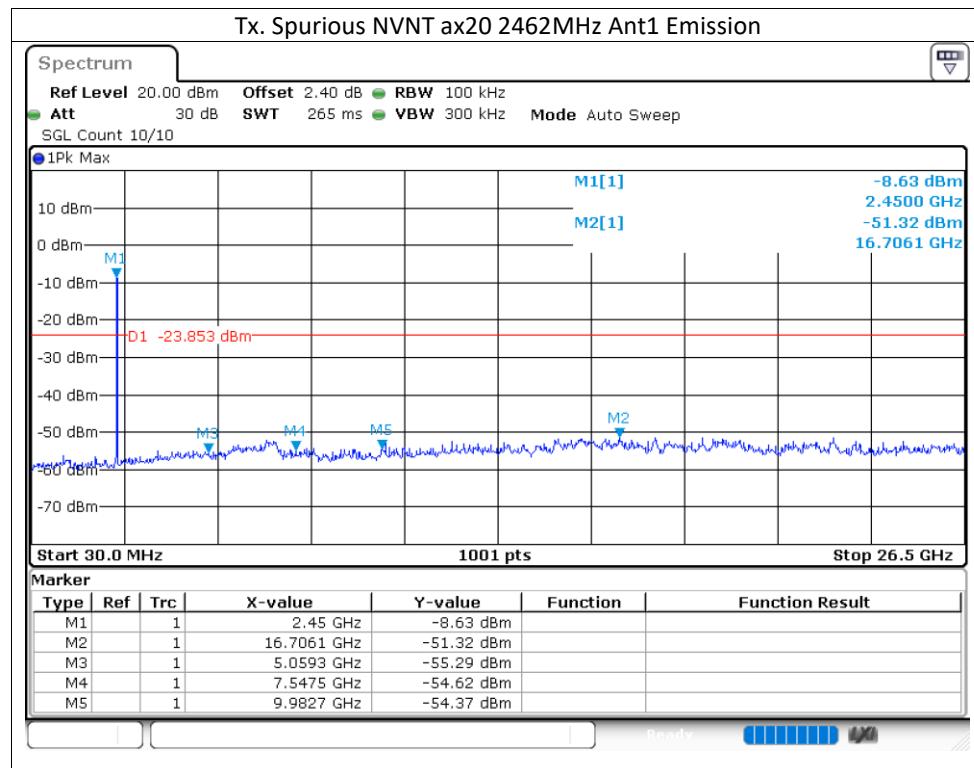


## Channel 11 (2462MHz)





Applicant: EcoFlow Inc.

Worst Case Model: EF-GC-H-55

**4.5 Out of Band Radiated Emissions (for emissions in 4.4 above that are less than 20dB below carrier), FCC Rule 15.247(d):**

For out of band emissions that are close to or that exceed the 20dB attenuation requirement described in the specification, radiated measurements were performed at a 3m separation distance to determine whether these emissions complied with the general radiated emission requirement.

Not required, since all emissions are more than 20dB below fundamental  
 See attached data sheet

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-55, EF-GC-H-45, EF-GC-H-35

#### 4.6 Transmitter Radiated Emissions in Restricted Bands, FCC Rule 15.35(b) (c):

Data is included of the worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included. All measurements were performed with peak detection unless otherwise specified.

The data on the following pages list the significant emission frequencies, the limit and the margin of compliance.

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-55, EF-GC-H-45, EF-GC-H-35

#### 4.7 Field Strength Calculation

The field strength is calculated by adding the reading on the Spectrum Analyzer to the factors associated with preamplifiers (if any), antennas, cables, pulse desensitization and average factors (when specified limit is in average and measurements are made with peak detectors). A sample calculation is included below.

Emission Level= Meter Reading+ Factor, Margin= Emission Level – Limit

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-55, EF-GC-H-45, EF-GC-H-35

#### 4.8 Radiated Spurious Emission

Worst Case Radiated Spurious Emission  
at 2483.500MHz  
is passed by 1.66 dB margin.

For the electronic filing, the worst case radiated emission configuration photographs are saved with filename: radiated photos.pdf.

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

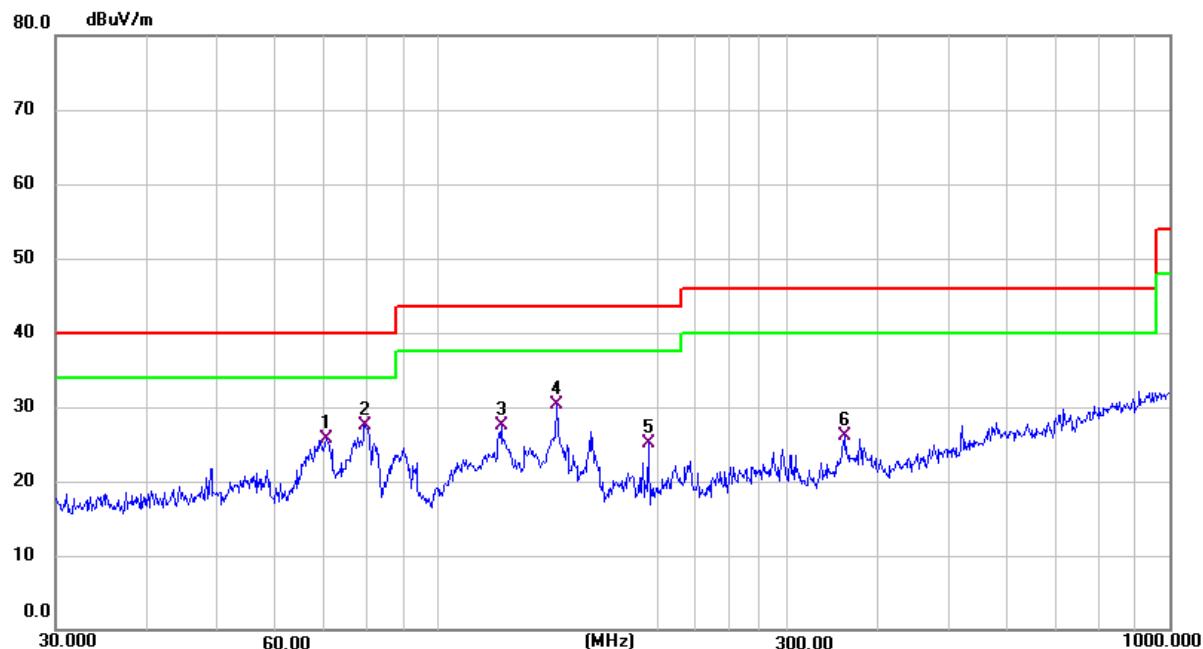
Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Model: EF-GC-H-35

Transmitting (802.11b-Channel 01)

ANT Polarity: Horizontal



Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
70.3370	9.24	16.39	25.63	40.00	-14.37	QP
79.5210	13.04	14.55	27.59	40.00	-12.41	QP
121.9760	11.43	15.98	27.41	43.50	-16.09	QP
145.3510	16.08	14.27	30.35	43.50	-13.15	QP
193.7727	8.09	16.98	25.07	43.50	-18.43	QP
360.4480	4.27	21.90	26.17	46.00	-19.83	QP

## Remark:

1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Level (dB $\mu$ V/m) = Factor (dB/m) + Reading (dB $\mu$ V)
3. Margin (dB) = Limit (dB $\mu$ V/m) – Level (dB $\mu$ V/m)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

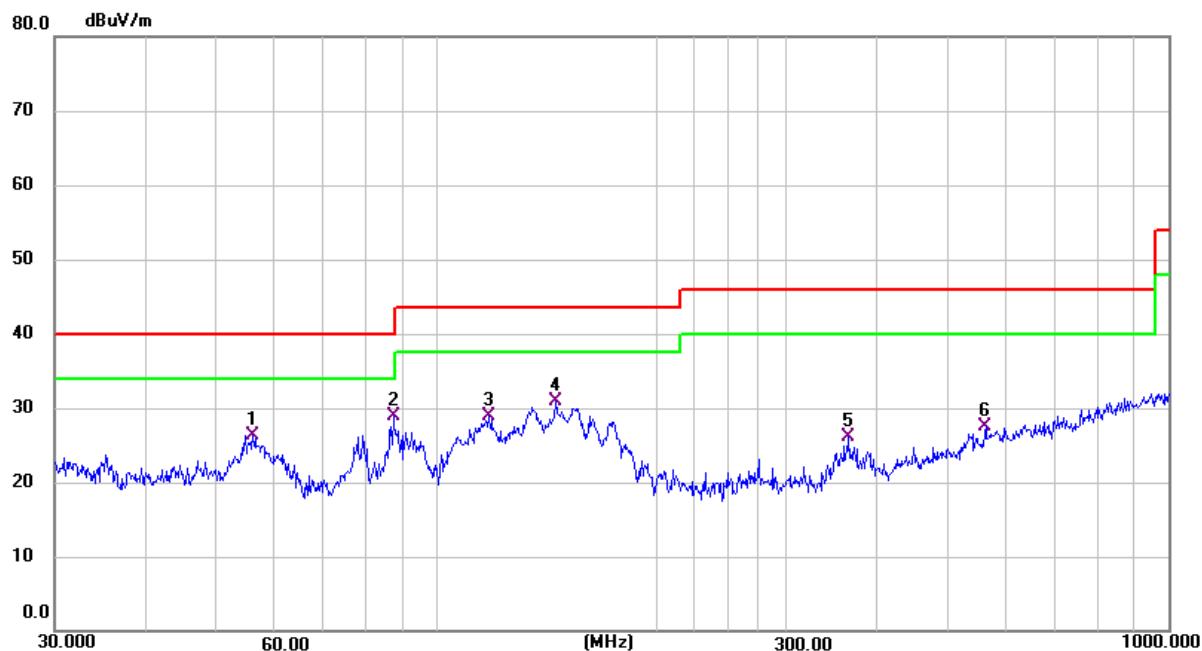
Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Model: EF-GC-H-35

Transmitting (802.11b-Channel 01)

ANT Polarity: Vertical



Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
56.0010	6.69	19.69	26.38	40.00	-13.62	QP
87.1120	14.16	14.76	28.92	40.00	-11.08	QP
117.7730	11.85	17.01	28.86	43.50	-14.64	QP
145.3510	16.58	14.27	30.85	43.50	-12.65	QP
365.5390	3.95	22.07	26.02	46.00	-19.98	QP
562.6620	1.24	26.28	27.52	46.00	-18.48	QP

## Remark:

1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Level (dB $\mu$ V/m) = Factor (dB/m) + Reading (dB $\mu$ V)
3. Margin (dB) = Limit (dB $\mu$ V/m) – Level (dB $\mu$ V/m)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

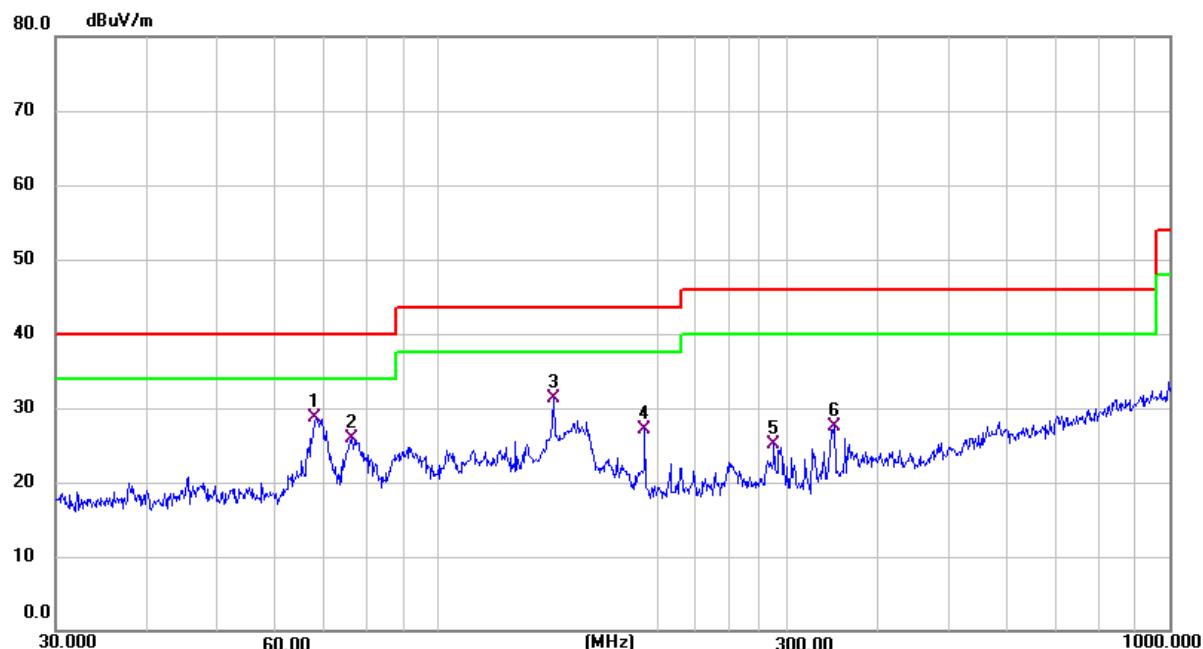
Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Model: EF-GC-H-45

Transmitting (802.11b-Channel 01)

ANT Polarity: Horizontal



Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
68.1512	11.43	17.29	28.72	40.00	-11.28	QP
76.2442	10.87	15.01	25.88	40.00	-14.12	QP
143.8294	17.07	14.24	31.31	43.50	-12.19	QP
191.7450	10.44	16.72	27.16	43.50	-16.34	QP
287.9904	5.23	19.80	25.03	46.00	-20.97	QP
348.0274	6.29	21.30	27.59	46.00	-18.41	QP

## Remark:

1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Level (dB $\mu$ V/m) = Factor (dB/m) + Reading (dB $\mu$ V)
3. Margin (dB) = Limit (dB $\mu$ V/m) – Level (dB $\mu$ V/m)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

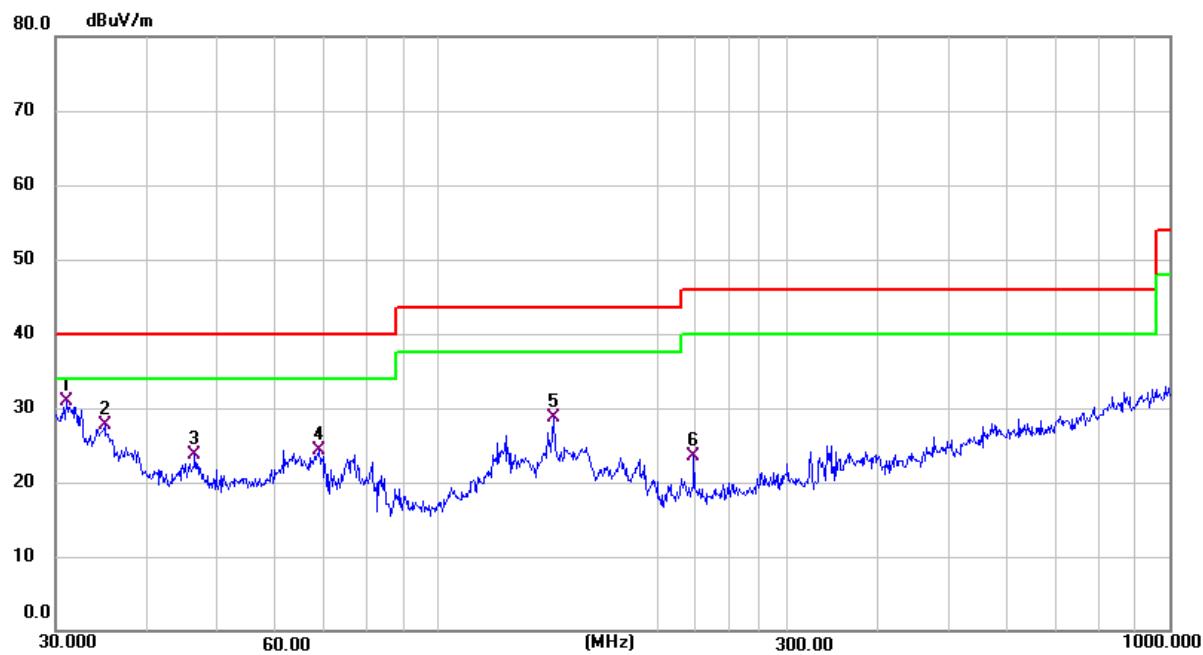
Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Model: EF-GC-H-45

Transmitting (802.11b-Channel 01)

ANT Polarity: Vertical



Frequency (MHz)	Reading (dB <sub>uV</sub> )	Factor (dB/m)	Level (dB <sub>uV/m</sub> )	Limit (dB <sub>uV/m</sub> )	Margin (dB)	Detector
31.0706	13.61	17.39	31.00	40.00	-9.00	QP
35.0048	9.89	17.80	27.69	40.00	-12.31	QP
46.5030	4.28	19.44	23.72	40.00	-16.28	QP
68.8721	7.29	17.00	24.29	40.00	-15.71	QP
143.8295	14.53	14.24	28.77	43.50	-14.73	QP
223.7333	4.56	18.86	23.42	46.00	-22.58	QP

## Remark:

1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Level (dB<sub>uV/m</sub>) = Factor (dB/m) + Reading (dB<sub>uV</sub>)
3. Margin (dB) = Limit (dB<sub>uV/m</sub>) – Level (dB<sub>uV/m</sub>)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

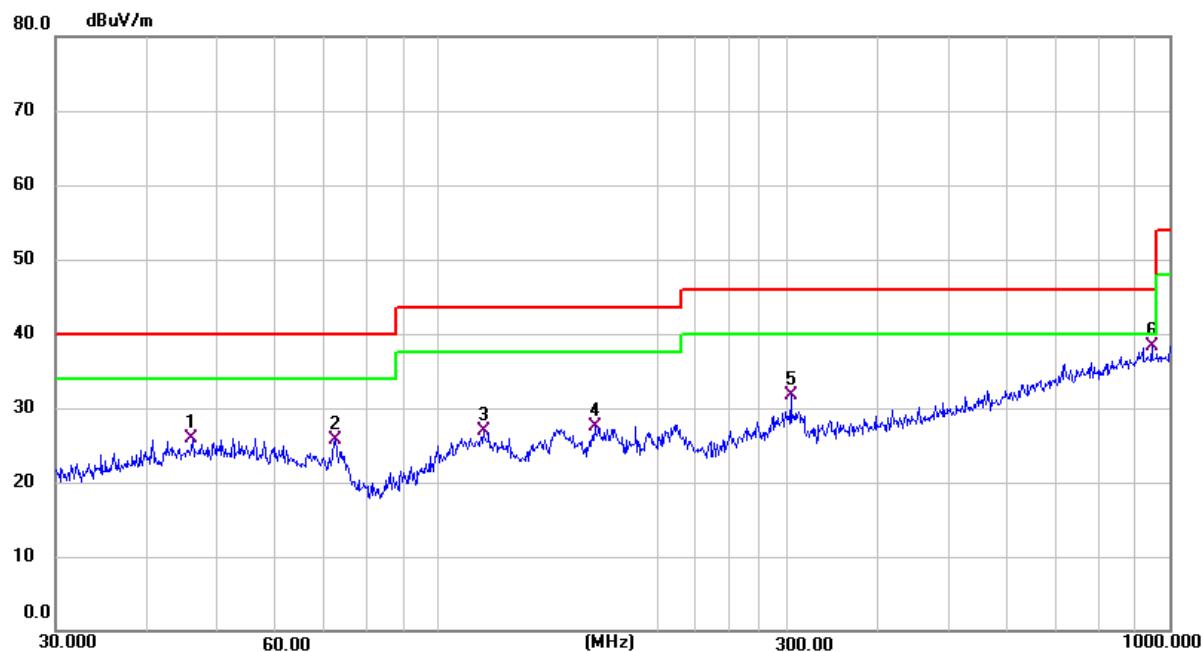
Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Model: EF-GC-H-55

Transmitting (802.11b-Channel 01)

ANT Polarity: Horizontal



Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
46.1779	6.29	19.66	25.95	40.00	-14.05	QP
72.3375	10.51	15.21	25.72	40.00	-14.28	QP
115.3204	9.96	16.99	26.95	43.50	-16.55	QP
163.7550	12.21	15.21	27.42	43.50	-16.08	QP
303.5437	11.14	20.52	31.66	46.00	-14.34	QP
945.4400	7.08	31.28	38.36	46.00	-7.64	QP

## Remark:

1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Level (dB $\mu$ V/m) = Factor (dB/m) + Reading (dB $\mu$ V)
3. Margin (dB) = Limit (dB $\mu$ V/m) – Level (dB $\mu$ V/m)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

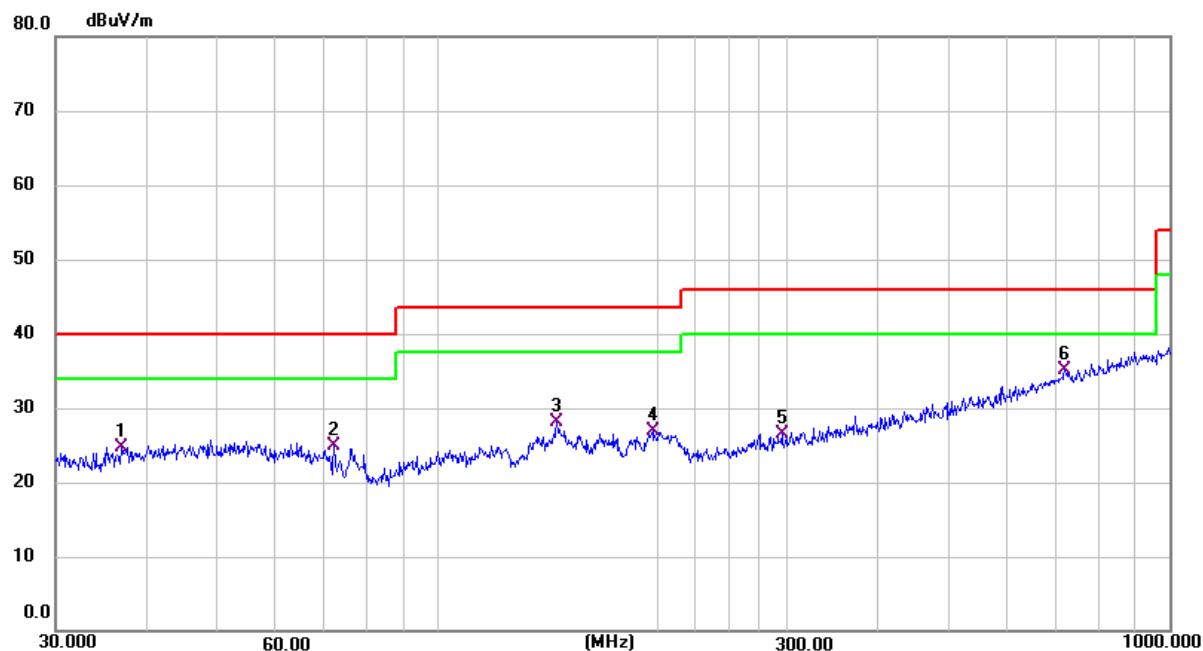
Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Model: EF-GC-H-55

Transmitting (802.11b-Channel 01)

ANT Polarity: Vertical



Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
36.8952	6.99	17.79	24.78	40.00	-15.22	QP
72.0841	9.63	15.28	24.91	40.00	-15.09	QP
145.3505	13.68	14.49	28.17	43.50	-15.33	QP
196.5098	8.98	17.85	26.83	43.50	-16.67	QP
295.1467	6.15	20.33	26.48	46.00	-19.52	QP
719.1992	6.21	28.83	35.04	46.00	-10.96	QP

## Remark:

1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Level (dB $\mu$ V/m) = Factor (dB/m) + Reading (dB $\mu$ V)
3. Margin (dB) = Limit (dB $\mu$ V/m) – Level (dB $\mu$ V/m)

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11b-Channel 01)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2390.000	55.51	-1.31	54.20	74.00	-19.80	peak
Horizontal	4824.000	56.29	-12.95	43.34	74.00	-30.66	peak
Horizontal	7236.000	52.74	-8.59	44.15	74.00	-29.85	peak
Horizontal	9648.000	49.76	-5.30	44.46	74.00	-29.54	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2390.000	45.75	-1.31	44.44	54.00	-9.56	AVG
Horizontal	4824.000	51.63	-12.95	38.68	54.00	-15.32	AVG
Horizontal	7236.000	45.60	-8.59	37.01	54.00	-16.99	AVG
Horizontal	9648.000	42.24	-5.30	36.94	54.00	-17.06	AVG

. NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11b-Channel 07)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	4884.000	56.67	-13.28	43.39	74.00	-30.61	peak
Horizontal	7311.000	52.15	-8.20	43.95	74.00	-30.05	peak
Horizontal	9768.000	49.12	-5.55	43.57	74.00	-30.43	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	4884.000	52.54	-13.28	39.26	54.00	-14.74	AVG
Horizontal	7311.000	44.76	-8.20	36.56	54.00	-17.44	AVG
Horizontal	9768.000	41.97	-5.55	36.42	54.00	-17.58	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11b-Channel 11)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2483.500	58.13	-0.38	57.75	74.00	-16.25	peak
Horizontal	4924.000	58.87	-12.76	46.11	74.00	-27.89	peak
Horizontal	7386.000	51.55	-8.63	42.92	74.00	-31.08	peak
Horizontal	9848.000	49.32	-4.92	44.40	74.00	-29.60	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2483.500	46.90	-0.38	46.52	54.00	-7.48	AVG
Horizontal	4924.000	53.81	-12.76	41.05	54.00	-12.95	AVG
Horizontal	7386.000	45.29	-8.63	36.66	54.00	-17.34	AVG
Horizontal	9848.000	41.60	-4.92	36.68	54.00	-17.32	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11g-Channel 01)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2390.000	65.78	-1.31	64.47	74.00	-9.53	peak
Horizontal	4924.000	56.14	-12.76	43.38	74.00	-30.62	peak
Horizontal	7386.000	51.98	-8.63	43.35	74.00	-30.65	peak
Horizontal	9848.000	50.30	-4.92	45.38	74.00	-28.62	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2390.000	50.18	-1.31	48.87	54.00	-5.13	AVG
Horizontal	4924.000	48.36	-12.76	35.60	54.00	-18.40	AVG
Horizontal	7386.000	44.52	-8.63	35.89	54.00	-18.11	AVG
Horizontal	9848.000	41.64	-4.92	36.72	54.00	-17.28	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11g-Channel 07)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	4884.000	55.14	-13.28	41.86	74.00	-32.14	peak
Horizontal	7311.000	52.07	-8.20	43.87	74.00	-30.13	peak
Horizontal	9768.000	49.27	-5.55	43.72	74.00	-30.28	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	4884.000	47.30	-13.28	34.02	54.00	-19.98	AVG
Horizontal	7311.000	43.64	-8.20	35.44	54.00	-18.56	AVG
Horizontal	9768.000	42.05	-5.55	36.50	54.00	-17.50	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11g-Channel 11)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2483.500	68.77	-0.38	68.39	74.00	-5.61	peak
Horizontal	4824.000	55.07	-12.95	42.12	74.00	-31.88	peak
Horizontal	7236.000	52.14	-8.59	43.55	74.00	-30.45	peak
Horizontal	9648.000	49.11	-5.30	43.81	74.00	-30.19	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2483.500	50.27	-0.38	49.89	54.00	-4.11	AVG
Horizontal	4824.000	47.53	-12.95	34.58	54.00	-19.42	AVG
Horizontal	7236.000	44.81	-8.59	36.22	54.00	-17.78	AVG
Horizontal	9648.000	40.40	-5.30	35.10	54.00	-18.90	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Worst Case Model: EF-GC-H-55

Transmitting (802.11n20-Channel 01)

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	2390.000	70.66	-1.31	69.35	74.00	-4.65	peak
Vertical	4824.000	55.05	-12.95	42.10	74.00	-31.90	peak
Vertical	7236.000	50.58	-8.59	41.99	74.00	-32.01	peak
Vertical	9648.000	48.52	-5.30	43.22	74.00	-30.78	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	2390.000	53.08	-1.31	51.77	54.00	-2.23	AVG
Vertical	4824.000	46.10	-12.95	33.15	54.00	-20.85	AVG
Vertical	7236.000	44.09	-8.59	35.50	54.00	-18.50	AVG
Vertical	9648.000	41.14	-5.30	35.84	54.00	-18.16	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n20-Channel 07)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	4884.000	54.82	-13.28	41.54	74.00	-32.46	peak
Horizontal	7311.000	51.83	-8.20	43.63	74.00	-30.37	peak
Horizontal	9768.000	49.87	-5.55	44.32	74.00	-29.68	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	4884.000	47.35	-13.28	34.07	54.00	-19.93	AVG
Horizontal	7311.000	43.05	-8.20	34.85	54.00	-19.15	AVG
Horizontal	9768.000	43.10	-5.55	37.55	54.00	-16.45	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n20-Channel 11)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2483.500	68.74	-0.38	68.36	74.00	-5.64	peak
Horizontal	4924.000	55.33	-12.76	42.57	74.00	-31.43	peak
Horizontal	7386.000	51.93	-8.63	43.30	74.00	-30.70	peak
Horizontal	9848.000	48.52	-4.92	43.60	74.00	-30.40	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2483.500	52.72	-0.38	52.34	54.00	-1.66	AVG
Horizontal	4924.000	47.91	-12.76	35.15	54.00	-18.85	AVG
Horizontal	7386.000	44.46	-8.63	35.83	54.00	-18.17	AVG
Horizontal	9848.000	41.84	-4.92	36.92	54.00	-17.08	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n40-Channel 03)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2390.000	67.04	-1.31	65.73	74.00	-8.27	peak
Horizontal	4844.000	52.39	-12.88	39.51	74.00	-34.49	peak
Horizontal	7266.000	51.47	-8.67	42.80	74.00	-31.20	peak
Horizontal	9688.000	48.87	-5.03	43.84	74.00	-30.16	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2390.000	53.29	-1.31	51.98	54.00	-2.02	AVG
Horizontal	4844.000	44.60	-12.88	31.72	54.00	-22.28	AVG
Horizontal	7266.000	43.61	-8.67	34.94	54.00	-19.06	AVG
Horizontal	9688.000	41.18	-5.03	36.15	54.00	-17.85	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n40-Channel 06)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	4874.000	56.97	-13.16	43.81	74.00	-30.19	peak
Vertical	7311.000	51.24	-8.20	43.04	74.00	-30.96	peak
Vertical	9748.000	50.76	-5.68	45.08	74.00	-28.92	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	4874.000	49.52	-13.16	36.36	54.00	-17.64	AVG
Vertical	7311.000	44.11	-8.20	35.91	54.00	-18.09	AVG
Vertical	9748.000	41.81	-5.68	36.13	54.00	-17.87	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n40-Channel 09)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	2483.500	64.12	-0.38	63.74	74.00	-10.26	peak
Vertical	4904.000	52.86	-13.35	39.51	74.00	-34.49	peak
Vertical	7356.000	51.23	-7.93	43.30	74.00	-30.70	peak
Vertical	9808.000	48.48	-5.20	43.28	74.00	-30.72	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	2483.500	50.89	-0.38	50.51	54.00	-3.49	AVG
Vertical	4904.000	45.05	-13.35	31.70	54.00	-22.30	AVG
Vertical	7356.000	43.74	-7.93	35.81	54.00	-18.19	AVG
Vertical	9808.000	41.74	-5.20	36.54	54.00	-17.46	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11ax20-Channel 01)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	2390.000	60.00	-1.31	58.69	74.00	-15.31	peak
Vertical	4824.000	51.69	-12.95	38.74	74.00	-35.26	peak
Vertical	7236.000	51.30	-8.59	42.71	74.00	-31.29	peak
Vertical	9648.000	49.40	-5.30	44.10	74.00	-29.90	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	2390.000	46.44	-1.31	45.13	54.00	-8.87	AVG
Vertical	4824.000	45.17	-12.95	32.22	54.00	-21.78	AVG
Vertical	7236.000	43.65	-8.59	35.06	54.00	-18.94	AVG
Vertical	9648.000	41.05	-5.30	35.75	54.00	-18.25	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11ax20-Channel 07)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	4874.000	51.87	-13.16	38.71	74.00	-35.29	peak
Horizontal	7311.000	51.42	-8.20	43.22	74.00	-30.78	peak
Horizontal	9748.000	48.98	-5.68	43.30	74.00	-30.70	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	4874.000	44.84	-13.16	31.68	54.00	-22.32	AVG
Horizontal	7311.000	43.82	-8.20	35.62	54.00	-18.38	AVG
Horizontal	9748.000	42.01	-5.68	36.33	54.00	-17.67	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 06 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11ax20-Channel 11)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (1~18 GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2483.500	67.91	-0.38	67.53	74.00	-6.47	peak
Horizontal	4924.000	55.08	-12.76	42.32	74.00	-31.68	peak
Horizontal	7386.000	51.13	-8.63	42.50	74.00	-31.50	peak
Horizontal	9848.000	48.24	-4.92	43.32	74.00	-30.68	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	2483.500	50.82	-0.38	50.44	54.00	-3.56	AVG
Horizontal	4924.000	49.15	-12.76	36.39	54.00	-17.61	AVG
Horizontal	7386.000	44.06	-8.63	35.43	54.00	-18.57	AVG
Horizontal	9848.000	41.60	-4.92	36.68	54.00	-17.32	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11b-Channel 01)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18395.250	56.56	-0.33	56.23	74.00	-17.77	peak
Horizontal	19433.737	56.61	-0.20	56.41	74.00	-17.59	peak
Horizontal	21113.338	56.03	0.81	56.84	74.00	-17.16	peak
Horizontal	22278.050	54.72	1.75	56.47	74.00	-17.53	peak
Horizontal	24003.975	46.30	3.70	50.00	74.00	-24.00	peak
Horizontal	26065.862	53.99	3.46	57.45	74.00	-16.55	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18342.338	49.11	-0.24	48.87	54.00	-5.13	AVG
Horizontal	19433.737	48.96	-0.20	48.76	54.00	-5.24	AVG
Horizontal	21101.013	48.68	0.81	49.49	54.00	-4.51	AVG
Horizontal	22305.250	46.45	1.80	48.25	54.00	-5.75	AVG
Horizontal	23985.487	38.77	3.67	42.44	54.00	-11.56	AVG
Horizontal	26110.487	45.98	3.32	49.30	54.00	-4.70	AVG

. NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11b-Channel 07)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18302.600	56.43	-0.17	56.26	74.00	-17.74	peak
Vertical	19396.550	56.43	-0.20	56.23	74.00	-17.77	peak
Vertical	21091.450	56.52	0.80	57.32	74.00	-16.68	peak
Vertical	22282.300	53.93	1.76	55.69	74.00	-18.31	peak
Vertical	24006.100	46.51	3.70	50.21	74.00	-23.79	peak
Vertical	26249.250	54.11	2.93	57.04	74.00	-16.96	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18381.650	48.85	-0.32	48.53	54.00	-5.47	AVG
Vertical	19487.287	48.92	-0.19	48.73	54.00	-5.27	AVG
Vertical	21113.125	48.93	0.81	49.74	54.00	-4.26	AVG
Vertical	22282.300	46.44	1.76	48.20	54.00	-5.80	AVG
Vertical	24012.050	38.83	3.68	42.51	54.00	-11.49	AVG
Vertical	26249.250	46.12	2.93	49.05	54.00	-4.95	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11b-Channel 11)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	19039.975	57.75	-0.26	57.49	74.00	-16.51	peak
Vertical	20475.625	56.75	0.70	57.45	74.00	-16.55	peak
Vertical	21559.162	56.84	0.94	57.78	74.00	-16.22	peak
Vertical	22815.675	51.65	2.10	53.75	74.00	-20.25	peak
Vertical	25140.638	50.23	5.53	55.76	74.00	-18.24	peak
Vertical	26137.050	53.67	3.24	56.91	74.00	-17.09	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18922.675	49.52	-0.33	49.19	54.00	-4.81	AVG
Vertical	20505.800	49.47	0.77	50.24	54.00	-3.76	AVG
Vertical	21559.162	49.18	0.94	50.12	54.00	-3.88	AVG
Vertical	22817.162	44.14	2.11	46.25	54.00	-7.75	AVG
Vertical	25119.175	42.48	5.57	48.05	54.00	-5.95	AVG
Vertical	26272.412	47.01	2.87	49.88	54.00	-4.12	AVG

NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11g-Channel 01)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18340.000	57.04	-0.24	56.80	74.00	-17.20	peak
Vertical	19478.787	57.18	-0.20	56.98	74.00	-17.02	peak
Vertical	21090.388	57.22	0.80	58.02	74.00	-15.98	peak
Vertical	22309.713	54.07	1.81	55.88	74.00	-18.12	peak
Vertical	23997.600	47.88	3.71	51.59	74.00	-22.41	peak
Vertical	26242.875	53.72	2.95	56.67	74.00	-17.33	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18308.338	48.91	-0.18	48.73	54.00	-5.27	AVG
Vertical	19457.963	46.57	-0.19	46.38	54.00	-7.62	AVG
Vertical	20995.188	48.59	0.75	49.34	54.00	-4.66	AVG
Vertical	22254.888	46.31	1.71	48.02	54.00	-5.98	AVG
Vertical	24003.763	38.49	3.70	42.19	54.00	-11.81	AVG
Vertical	26260.513	46.14	2.90	49.04	54.00	-4.96	AVG

NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11g-Channel 07)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18827.263	55.17	-0.43	54.74	74.00	-19.26	peak
Horizontal	20552.550	56.24	0.79	57.03	74.00	-16.97	peak
Horizontal	21593.588	56.36	0.96	57.32	74.00	-16.68	peak
Horizontal	22276.987	54.06	1.75	55.81	74.00	-18.19	peak
Horizontal	25149.350	49.82	5.50	55.32	74.00	-18.68	peak
Horizontal	26123.025	53.15	3.29	56.44	74.00	-17.56	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18954.338	49.49	-0.31	49.18	54.00	-4.82	AVG
Horizontal	20476.475	49.06	0.70	49.76	54.00	-4.24	AVG
Horizontal	21581.263	48.31	0.94	49.25	54.00	-4.75	AVG
Horizontal	22260.838	46.23	1.71	47.94	54.00	-6.06	AVG
Horizontal	25149.350	41.16	5.50	46.66	54.00	-7.34	AVG
Horizontal	26276.875	46.16	2.86	49.02	54.00	-4.98	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11g-Channel 11)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18336.600	57.40	-0.22	57.18	74.00	-16.82	peak
Vertical	19958.612	57.39	0.26	57.65	74.00	-16.35	peak
Vertical	21581.900	57.45	0.94	58.39	74.00	-15.61	peak
Vertical	22284.638	54.32	1.77	56.09	74.00	-17.91	peak
Vertical	25130.013	50.26	5.54	55.80	74.00	-18.20	peak
Vertical	26208.875	53.95	3.04	56.99	74.00	-17.01	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18270.938	48.82	-0.11	48.71	54.00	-5.29	AVG
Vertical	19903.575	48.44	0.23	48.67	54.00	-5.33	AVG
Vertical	21581.900	48.65	0.94	49.59	54.00	-4.41	AVG
Vertical	22313.325	46.27	1.82	48.09	54.00	-5.91	AVG
Vertical	25142.125	42.61	5.52	48.13	54.00	-5.87	AVG
Vertical	26245.425	46.26	2.94	49.20	54.00	-4.80	AVG

NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n20-Channel 01)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18378.250	56.06	-0.31	55.75	74.00	-18.25	peak
Vertical	18977.500	57.96	-0.29	57.67	74.00	-16.33	peak
Vertical	20949.287	56.27	0.77	57.04	74.00	-16.96	peak
Vertical	22346.900	54.06	1.89	55.95	74.00	-18.05	peak
Vertical	25069.450	49.82	5.67	55.49	74.00	-18.51	peak
Vertical	26053.963	53.90	3.49	57.39	74.00	-16.61	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18395.250	49.05	-0.33	48.72	54.00	-5.28	AVG
Vertical	19020.638	49.30	-0.26	49.04	54.00	-4.96	AVG
Vertical	21089.750	48.69	0.80	49.49	54.00	-4.51	AVG
Vertical	22288.463	46.44	1.78	48.22	54.00	-5.78	AVG
Vertical	25130.438	42.66	5.54	48.20	54.00	-5.80	AVG
Vertical	26296.638	47.00	2.81	49.81	54.00	-4.19	AVG

NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n20-Channel 07)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18388.025	56.40	-0.33	56.07	74.00	-17.93	peak
Horizontal	19443.725	56.31	-0.21	56.10	74.00	-17.90	peak
Horizontal	20509.838	56.62	0.77	57.39	74.00	-16.61	peak
Horizontal	22298.025	53.90	1.80	55.70	74.00	-18.30	peak
Horizontal	25121.725	50.45	5.56	56.01	74.00	-17.99	peak
Horizontal	26281.975	54.03	2.85	56.88	74.00	-17.12	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18357.213	48.83	-0.27	48.56	54.00	-5.44	AVG
Horizontal	19487.925	48.49	-0.19	48.30	54.00	-5.70	AVG
Horizontal	20525.563	48.91	0.78	49.69	54.00	-4.31	AVG
Horizontal	22298.025	46.34	1.80	48.14	54.00	-5.86	AVG
Horizontal	25140.638	42.26	5.53	47.79	54.00	-6.21	AVG
Horizontal	26246.912	46.09	2.94	49.03	54.00	-4.97	AVG

NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n20-Channel 11)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18927.350	57.27	-0.34	56.93	74.00	-17.07	peak
Horizontal	20509.838	56.62	0.77	57.39	74.00	-16.61	peak
Horizontal	21589.975	56.83	0.96	57.79	74.00	-16.21	peak
Horizontal	22811.425	51.89	2.10	53.99	74.00	-20.01	peak
Horizontal	25113.225	50.43	5.58	56.01	74.00	-17.99	peak
Horizontal	26284.525	54.04	2.84	56.88	74.00	-17.12	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18975.375	49.36	-0.29	49.07	54.00	-4.93	AVG
Horizontal	20525.563	48.91	0.78	49.69	54.00	-4.31	AVG
Horizontal	21605.912	49.06	0.96	50.02	54.00	-3.98	AVG
Horizontal	22363.263	44.43	1.92	46.35	54.00	-7.65	AVG
Horizontal	25113.225	42.40	5.58	47.98	54.00	-6.02	AVG
Horizontal	26255.625	46.75	2.91	49.66	54.00	-4.34	AVG

NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n40-Channel 03)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18354.662	56.76	-0.27	56.49	74.00	-17.51	peak
Horizontal	19899.750	56.14	0.23	56.37	74.00	-17.63	peak
Horizontal	21647.775	56.53	0.96	57.49	74.00	-16.51	peak
Horizontal	22304.400	54.42	1.81	56.23	74.00	-17.77	peak
Horizontal	25128.737	50.55	5.54	56.09	74.00	-17.91	peak
Horizontal	26295.575	54.28	2.82	57.10	74.00	-16.90	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18308.975	48.45	-0.18	48.27	54.00	-5.73	AVG
Horizontal	19939.275	48.86	0.26	49.12	54.00	-4.88	AVG
Horizontal	21579.563	48.67	0.95	49.62	54.00	-4.38	AVG
Horizontal	22278.050	46.64	1.75	48.39	54.00	-5.61	AVG
Horizontal	25178.250	42.28	5.44	47.72	54.00	-6.28	AVG
Horizontal	26256.263	46.35	2.91	49.26	54.00	-4.74	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n40-Channel 06)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18242.675	56.24	-0.07	56.17	74.00	-17.83	peak
Horizontal	19437.563	57.07	-0.20	56.87	74.00	-17.13	peak
Horizontal	21613.138	56.44	0.96	57.40	74.00	-16.60	peak
Horizontal	22326.713	54.35	1.84	56.19	74.00	-17.81	peak
Horizontal	25191.000	50.54	5.42	55.96	74.00	-18.04	peak
Horizontal	26284.313	53.79	2.84	56.63	74.00	-17.37	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18355.725	49.19	-0.27	48.92	54.00	-5.08	AVG
Horizontal	19389.112	48.51	-0.21	48.30	54.00	-5.70	AVG
Horizontal	21594.225	48.76	0.95	49.71	54.00	-4.29	AVG
Horizontal	22275.075	46.92	1.75	48.67	54.00	-5.33	AVG
Horizontal	25126.825	42.31	5.55	47.86	54.00	-6.14	AVG
Horizontal	26132.800	46.34	3.25	49.59	54.00	-4.41	AVG

NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11n40-Channel 09)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18311.950	56.94	-0.18	56.76	74.00	-17.24	peak
Vertical	19018.300	58.04	-0.27	57.77	74.00	-16.23	peak
Vertical	21630.775	56.97	0.96	57.93	74.00	-16.07	peak
Vertical	22259.350	55.30	1.71	57.01	74.00	-16.99	peak
Vertical	25197.162	50.08	5.41	55.49	74.00	-18.51	peak
Vertical	26219.075	53.92	3.01	56.93	74.00	-17.07	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18298.987	49.05	-0.16	48.89	54.00	-5.11	AVG
Vertical	18958.588	49.55	-0.31	49.24	54.00	-4.76	AVG
Vertical	21566.813	48.81	0.95	49.76	54.00	-4.24	AVG
Vertical	22298.237	46.58	1.80	48.38	54.00	-5.62	AVG
Vertical	25130.862	42.33	5.54	47.87	54.00	-6.13	AVG
Vertical	26260.300	46.50	2.90	49.40	54.00	-4.60	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Worst Case Model: EF-GC-H-55

Transmitting (802.11ax20-Channel 01)

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18357.638	56.75	-0.27	56.48	74.00	-17.52	peak
Horizontal	19891.463	57.52	0.23	57.75	74.00	-16.25	peak
Horizontal	21585.088	56.71	0.94	57.65	74.00	-16.35	peak
Horizontal	22306.950	54.31	1.81	56.12	74.00	-17.88	peak
Horizontal	25403.500	51.24	4.79	56.03	74.00	-17.97	peak
Horizontal	26123.025	54.84	3.29	58.13	74.00	-15.87	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18366.350	49.22	-0.29	48.93	54.00	-5.07	AVG
Horizontal	19947.350	48.49	0.26	48.75	54.00	-5.25	AVG
Horizontal	21585.088	48.97	0.94	49.91	54.00	-4.09	AVG
Horizontal	22276.350	47.05	1.75	48.80	54.00	-5.20	AVG
Horizontal	25097.287	42.93	5.61	48.54	54.00	-5.46	AVG
Horizontal	26275.813	46.48	2.86	49.34	54.00	-4.66	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Operating Mode:

Worst Case Test Voltage: DC 21.6V by battery

Worst Case Model: EF-GC-H-55

Transmitting (802.11ax20-Channel 07)

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18396.737	56.93	-0.34	56.59	74.00	-17.41	peak
Horizontal	19445.000	57.42	-0.20	57.22	74.00	-16.78	peak
Horizontal	21092.513	57.03	0.80	57.83	74.00	-16.17	peak
Horizontal	22296.963	53.92	1.80	55.72	74.00	-18.28	peak
Horizontal	25111.737	50.82	5.58	56.40	74.00	-17.60	peak
Horizontal	26248.400	54.88	2.93	57.81	74.00	-16.19	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Horizontal	18396.737	48.71	-0.34	48.37	54.00	-5.63	AVG
Horizontal	19455.200	49.14	-0.20	48.94	54.00	-5.06	AVG
Horizontal	21148.400	49.09	0.84	49.93	54.00	-4.07	AVG
Horizontal	22287.400	46.61	1.77	48.38	54.00	-5.62	AVG
Horizontal	25081.987	42.24	5.64	47.88	54.00	-6.12	AVG
Horizontal	26259.662	46.39	2.90	49.29	54.00	-4.71	AVG

NOTES: 1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 27 March 2025

Worst Case Model: EF-GC-H-55

Worst Case Operating Mode:

Transmitting (802.11ax20-Channel 11)

Worst Case Test Voltage: DC 21.6V by battery

**Radiated Emissions (18~26.5GHz)**

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18305.575	56.40	-0.18	56.22	74.00	-17.78	peak
Vertical	19453.713	56.51	-0.19	56.32	74.00	-17.68	peak
Vertical	21571.487	57.59	0.95	58.54	74.00	-15.46	peak
Vertical	22301.638	53.92	1.80	55.72	74.00	-18.28	peak
Vertical	25140.213	49.95	5.53	55.48	74.00	-18.52	peak
Vertical	26049.287	53.02	3.50	56.52	74.00	-17.48	peak

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
Vertical	18357.425	49.01	-0.27	48.74	54.00	-5.26	AVG
Vertical	19471.987	48.65	-0.19	48.46	54.00	-5.54	AVG
Vertical	21634.813	48.59	0.96	49.55	54.00	-4.45	AVG
Vertical	22278.050	46.26	1.75	48.01	54.00	-5.99	AVG
Vertical	25103.450	42.32	5.60	47.92	54.00	-6.08	AVG
Vertical	26049.287	45.48	3.50	48.98	54.00	-5.02	AVG

## NOTES:

1. Peak detector is used, RBW=1MHz/VBW=3MHz for peak value and RBW=1MHz / VBW=10Hz for average value.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna used for the emission over 1000MHz.

Emission within the restricted band meets the requirement of section 15.205. The corresponding limit as per 15.209 is based on Quasi peak limit for frequencies below 1000 MHz and average limit for frequencies over 1000 MHz. The radio frequency emissions above 1GHz also meet corresponding 20dB permitted peak limit with a peak detector function.

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-55, EF-GC-H-45, EF-GC-H-35

#### 4.9 Conducted Emission

Worst Case Conducted Emission (802.11b-Channel 01)  
at 2.7580MHz  
is passed by 3.94dB margin.

For the electronic filing, the worst case radiated emission configuration photographs are saved with filename: conducted photos.pdf.

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

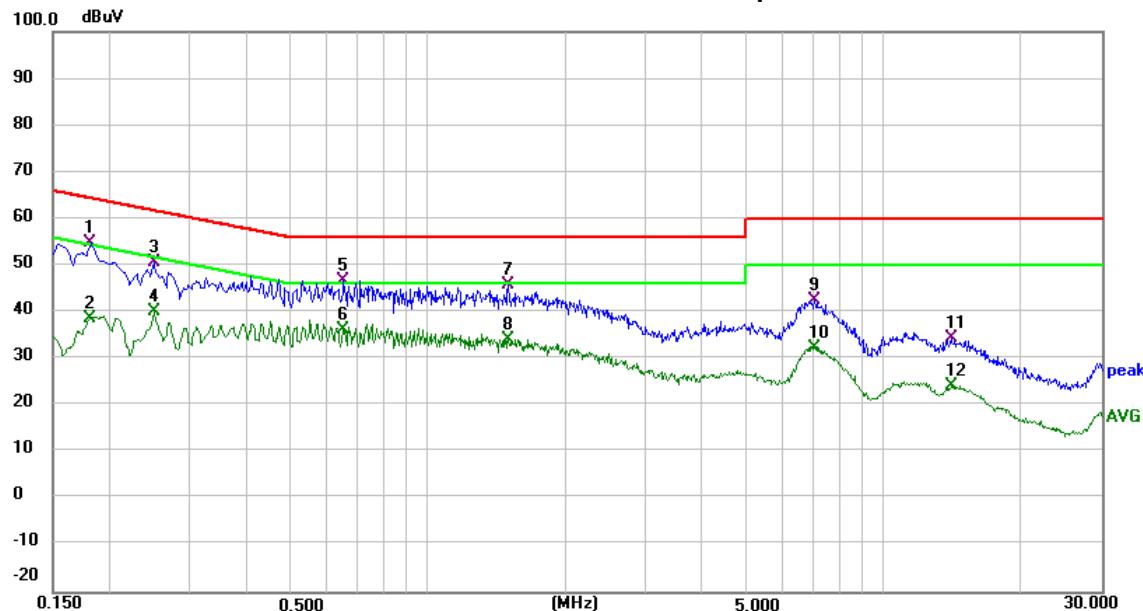
Model: EF-GC-H-35

Worst Case Test Voltage: DC 14.5V by Adapter from AC mains 120V60Hz

Worst Case Operating Mode: Transmitting (802.11b-Channel 01)

Phase: Live

**Graphic / Data Table**  
**Conducted Emissions**  
**Pursuant to FCC 15.207: Emissions Requirement**



**Limit and Margin QP**

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1819	44.76	9.95	54.71	64.40	-9.69	QP
0.2500	40.62	10.09	50.71	61.76	-11.05	QP
0.6540	35.76	10.93	46.69	56.00	-9.31	QP
1.4980	33.09	12.66	45.75	56.00	-10.25	QP
7.0500	32.76	9.75	42.51	60.00	-17.49	QP
14.0460	24.70	9.81	34.51	60.00	-25.49	QP

**Limit and Margin AV**

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1819	28.61	9.95	38.56	54.40	-15.84	AVG
0.2500	30.08	10.09	40.17	51.76	-11.59	AVG
0.6540	25.34	10.93	36.27	46.00	-9.73	AVG
1.4980	21.62	12.66	34.28	46.00	-11.72	AVG
7.0500	22.52	9.75	32.27	50.00	-17.73	AVG
14.0460	14.48	9.81	24.29	50.00	-25.71	AVG

Remark:

1. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) = Limit (dB $\mu$ V) – Level (dB $\mu$ V)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-35

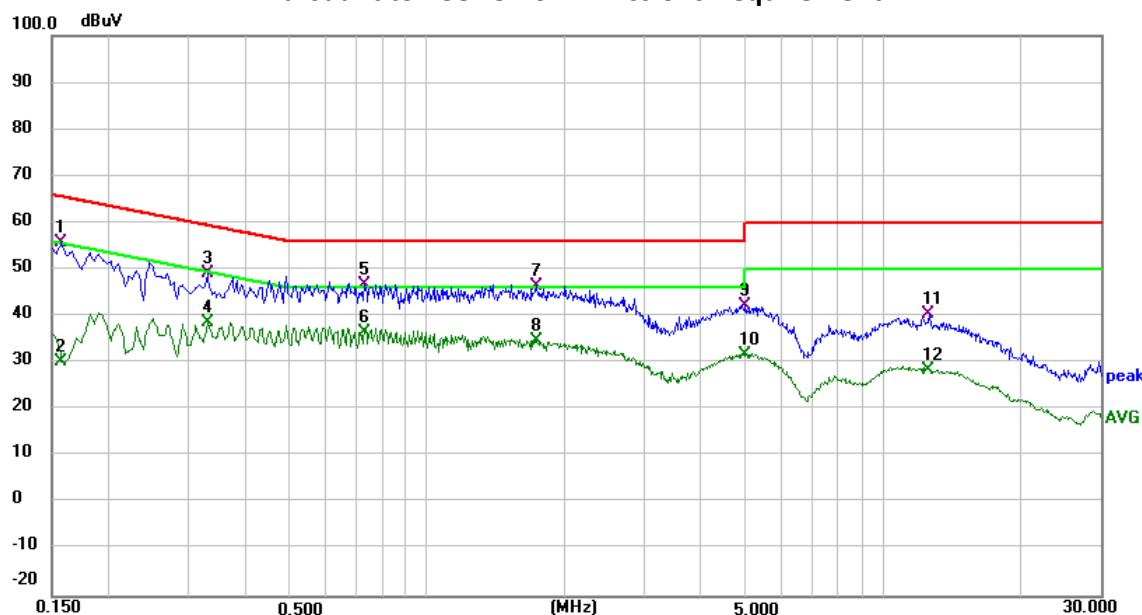
Worst Case Test Voltage: DC 14.5V by Adapter from AC mains 120V60Hz

Worst Case Operating Mode: Transmitting (802.11b-Channel 01)

Phase: Neutral

### Graphic / Data Table

#### Conducted Emissions Pursuant to FCC 15.207: Emissions Requirement



#### Limit and Margin QP

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1580	45.65	10.03	55.68	65.57	-9.89	QP
0.3300	38.86	10.36	49.22	59.45	-10.23	QP
0.7300	35.63	11.18	46.81	56.00	-9.19	QP
1.7380	33.24	13.22	46.46	56.00	-9.54	QP
4.9820	32.61	9.78	42.39	56.00	-13.61	QP
12.6059	30.55	9.87	40.42	60.00	-19.58	QP

#### Limit and Margin AV

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1580	20.15	10.03	30.18	55.57	-25.39	AVG
0.3300	28.37	10.36	38.73	49.45	-10.72	AVG
0.7300	25.33	11.18	36.51	46.00	-9.49	AVG
1.7380	21.49	13.22	34.71	46.00	-11.29	AVG
4.9820	21.88	9.78	31.66	46.00	-14.34	AVG
12.6059	18.45	9.87	28.32	50.00	-21.68	AVG

## Remark:

1. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

 2. Margin (dB) = Limit (dB $\mu$ V) – Level (dB $\mu$ V)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-45

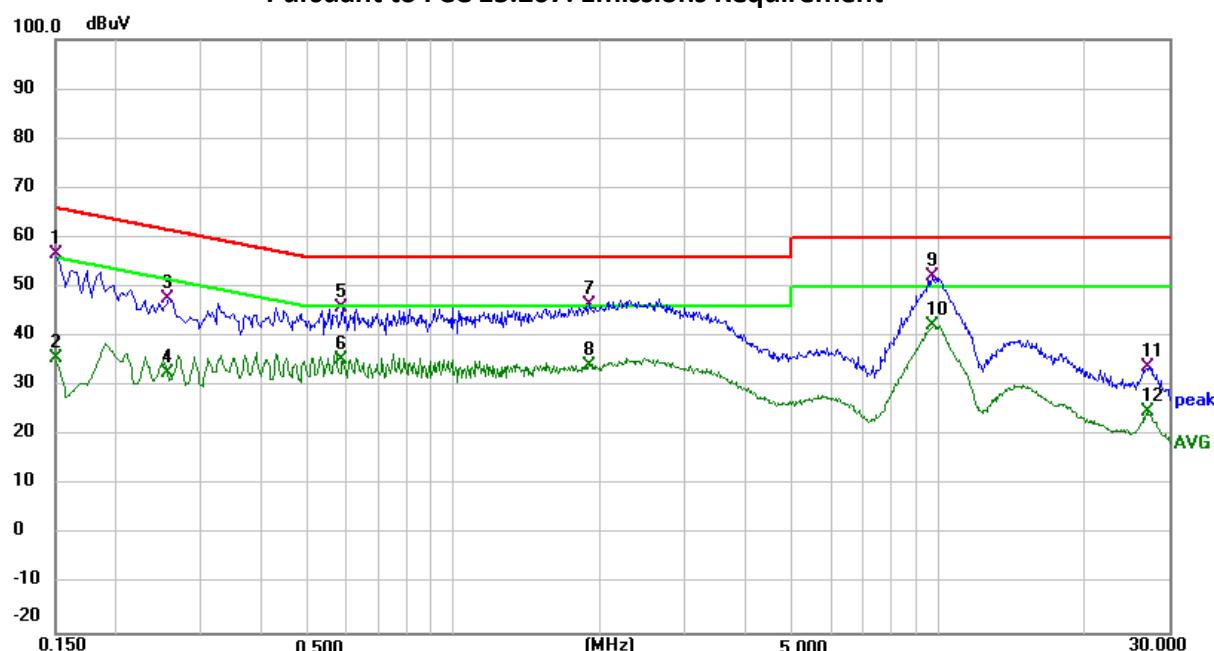
Worst Case Test Voltage: DC 14.5V by Adapter from AC mains 120V60Hz

Worst Case Operating Mode: Transmitting (802.11b-Channel 01)

Phase: Live

### Graphic / Data Table

#### Conducted Emissions Pursuant to FCC 15.207: Emissions Requirement



#### Limit and Margin QP

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1500	46.85	9.89	56.74	66.00	-9.26	QP
0.2561	37.48	10.11	47.59	61.56	-13.97	QP
0.5899	35.03	10.80	45.83	56.00	-10.17	QP
1.9060	32.82	13.50	46.32	56.00	-9.68	QP
9.7420	42.42	9.78	52.20	60.00	-7.80	QP
27.1500	23.81	10.03	33.84	60.00	-26.16	QP

#### Limit and Margin AV

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1500	25.88	9.89	35.77	56.00	-20.23	AVG
0.2561	22.56	10.11	32.67	51.56	-18.89	AVG
0.5899	24.46	10.80	35.26	46.00	-10.74	AVG
1.9060	20.55	13.50	34.05	46.00	-11.95	AVG
9.7420	32.33	9.78	42.11	50.00	-7.89	AVG
27.1500	14.82	10.03	24.85	50.00	-25.15	AVG

Remark:

1. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

 2. Margin (dB) = Limit (dB $\mu$ V) – Level (dB $\mu$ V)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-45

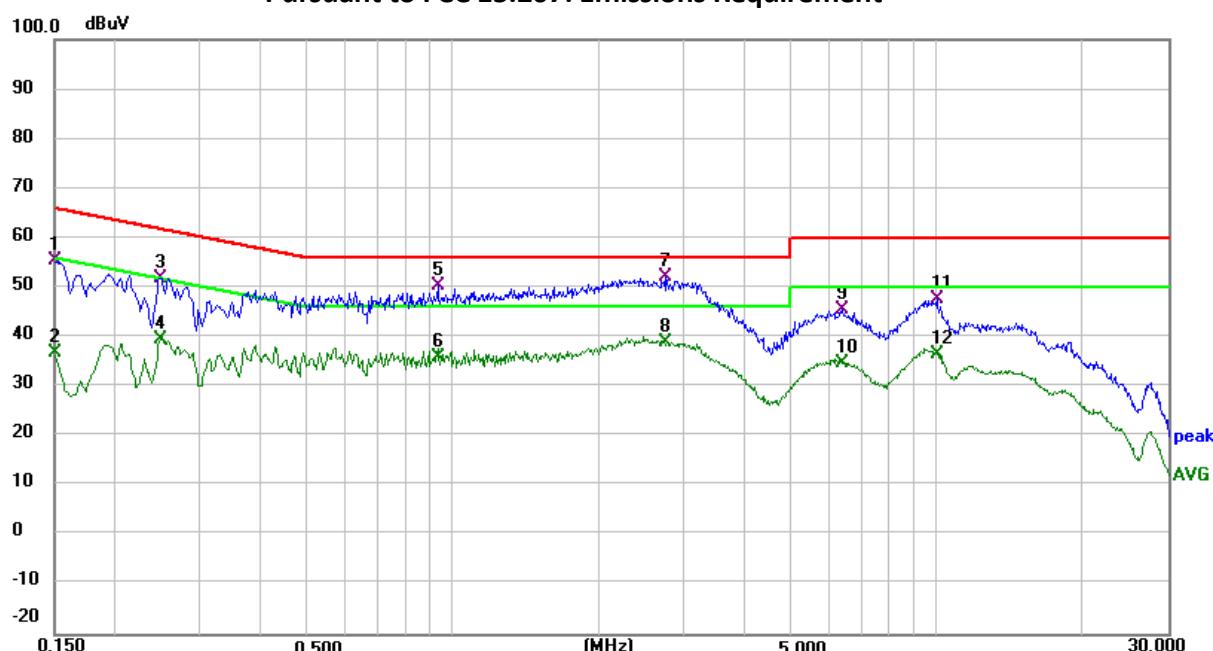
Worst Case Test Voltage: DC 14.5V by Adapter from AC mains 120V60Hz

Worst Case Operating Mode: Transmitting (802.11b-Channel 01)

Phase: Neutral

### Graphic / Data Table

#### Conducted Emissions Pursuant to FCC 15.207: Emissions Requirement



#### Limit and Margin QP

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1500	45.30	10.01	55.31	66.00	-10.69	QP
0.2481	41.70	10.21	51.91	61.82	-9.91	QP
0.9300	38.89	11.60	50.49	56.00	-5.51	QP
2.7580	42.30	9.76	52.06	56.00	-3.94	QP
6.3820	35.65	9.80	45.45	60.00	-14.55	QP
10.0020	37.72	9.84	47.56	60.00	-12.44	QP

#### Limit and Margin AV

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1500	26.84	10.01	36.85	56.00	-19.15	AVG
0.2481	29.34	10.21	39.55	51.82	-12.27	AVG
0.9300	24.34	11.60	35.94	46.00	-10.06	AVG
2.7580	29.22	9.76	38.98	46.00	-7.02	AVG
6.3820	25.10	9.80	34.90	50.00	-15.10	AVG
10.0020	26.85	9.84	36.69	50.00	-13.31	AVG

## Remark:

1. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) = Limit (dB $\mu$ V) – Level (dB $\mu$ V)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-55

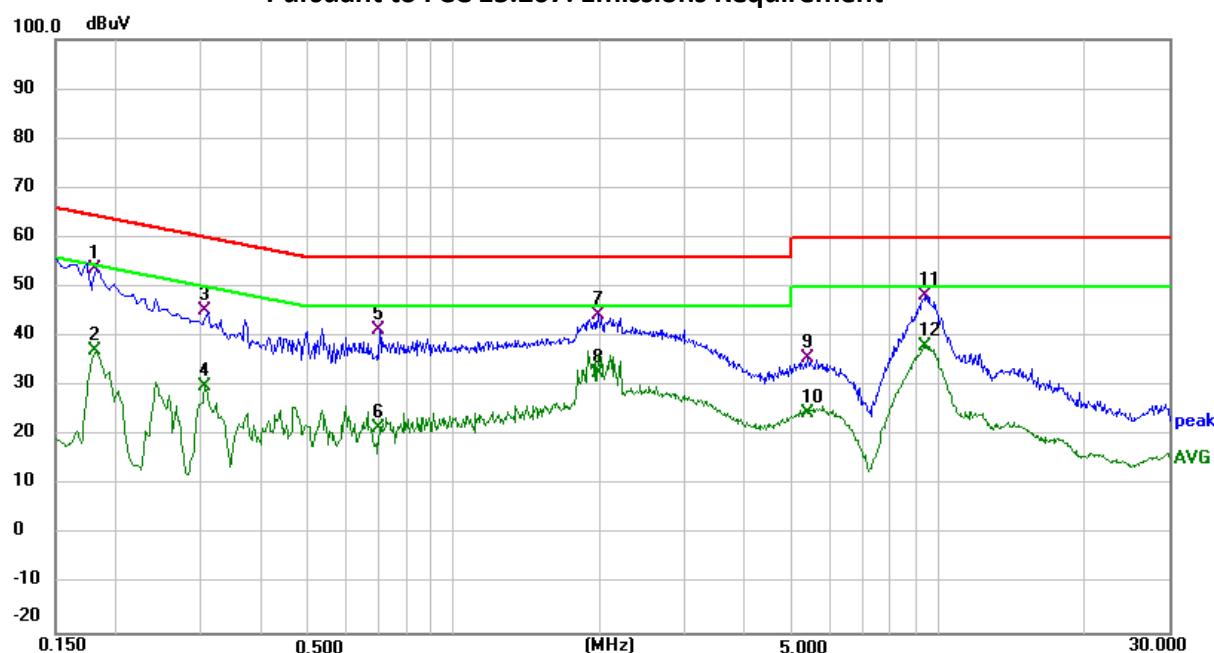
Worst Case Test Voltage: DC 14.5V by Adapter from AC mains 120V60Hz

Worst Case Operating Mode: Transmitting (802.11b-Channel 01)

Phase: Live

## Graphic / Data Table

### Conducted Emissions Pursuant to FCC 15.207: Emissions Requirement



### Limit and Margin QP

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1819	43.69	9.95	53.64	64.40	-10.76	QP
0.3060	34.90	10.21	45.11	60.08	-14.97	QP
0.7019	30.37	11.03	41.40	56.00	-14.60	QP
1.9820	30.68	13.64	44.32	56.00	-11.68	QP
5.3739	25.85	9.72	35.57	60.00	-24.43	QP
9.4379	38.38	9.78	48.16	60.00	-11.84	QP

### Limit and Margin AV

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1819	27.20	9.95	37.15	54.40	-17.25	AVG
0.3060	19.65	10.21	29.86	50.08	-20.22	AVG
0.7019	10.65	11.03	21.68	46.00	-24.32	AVG
1.9820	18.93	13.64	32.57	46.00	-13.43	AVG
5.3739	14.91	9.72	24.63	50.00	-25.37	AVG
9.4379	28.18	9.78	37.96	50.00	-12.04	AVG

Remark:

1. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

 2. Margin (dB) = Limit (dB $\mu$ V) – Level (dB $\mu$ V)

Applicant: EcoFlow Inc.

Date of Test: 26 March 2025

Model: EF-GC-H-55

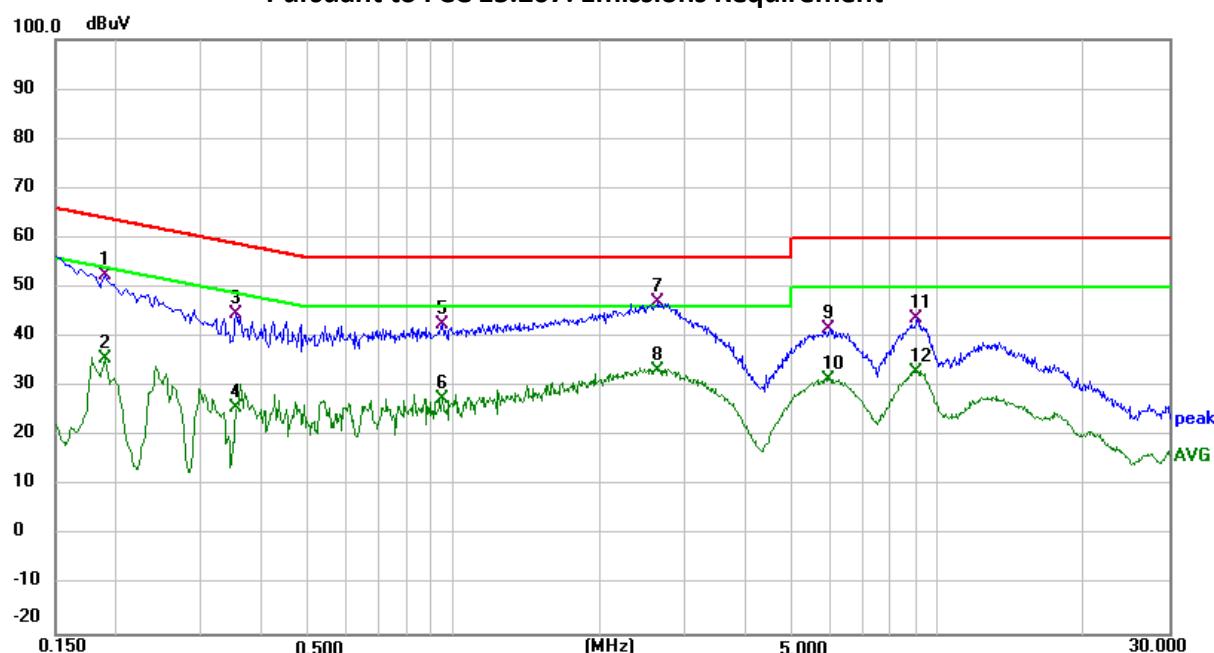
Worst Case Test Voltage: DC 14.5V by Adapter from AC mains 120V60Hz

Worst Case Operating Mode: Transmitting (802.11b-Channel 01)

Phase: Neutral

### Graphic / Data Table

#### Conducted Emissions Pursuant to FCC 15.207: Emissions Requirement



#### Limit and Margin QP

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1900	42.32	10.09	52.41	64.04	-11.63	QP
0.3540	34.31	10.39	44.70	58.87	-14.17	QP
0.9460	30.99	11.64	42.63	56.00	-13.37	QP
2.6500	37.19	9.76	46.95	56.00	-9.05	QP
5.9500	31.84	9.80	41.64	60.00	-18.36	QP
9.0420	33.95	9.83	43.78	60.00	-16.22	QP

#### Limit and Margin AV

Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
0.1900	25.68	10.09	35.77	54.04	-18.27	AVG
0.3540	15.33	10.39	25.72	48.87	-23.15	AVG
0.9460	15.91	11.64	27.55	46.00	-18.45	AVG
2.6500	23.49	9.76	33.25	46.00	-12.75	AVG
5.9500	21.67	9.80	31.47	50.00	-18.53	AVG
9.0420	23.24	9.83	33.07	50.00	-16.93	AVG

Remark:

1. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

 2. Margin (dB) = Limit (dB $\mu$ V) – Level (dB $\mu$ V)

Applicant: EcoFlow Inc.

Model: EF-GC-H-55, EF-GC-H-45, EF-GC-H-35

4.10 Radiated Emissions from Digital Section of Transceiver, FCC Ref: 15.109

- [ ] Not required - No digital part
- [ ] Test results are attached
- [ x ] Included in the separated report.

Applicant: EcoFlow Inc.

Model: EF-GC-H-55, EF-GC-H-45, EF-GC-H-35

**4.11 Transmitter Duty Cycle Calculation and Measurements, FCC Rule 15.35(b), (c)**

The EUT antenna output port was connected to the input of the spectrum analyzer. The analyzer center frequency was set to EUT RF channel carrier. The SWEP function on the analyzer was set to ZERO SPAN. The Transmitter ON time was determined from the resultant time-amplitude display:

	See attached spectrum analyzer chart (s) for Transmitter timing
	See Transmitter timing diagram provided by manufacturer
x	Not applicable, duty cycle was not used.

## 5.0 Equipment Photographs

For electronic filing, the photographs are saved with filename: external photos.pdf & internal photos.pdf.

## 6.0 Product Labeling

For electronic filing, the FCC ID label artwork and location is saved with filename: label.pdf.

## 7.0 Technical Specifications

For electronic filing, the block diagram and circuit diagram are saved with filename: block.pdf and circuit.pdf respectively.

## 8.0 Instruction Manual

For electronic filing, a preliminary copy of the Instruction Manual is saved with filename: manual.pdf.

This manual will be provided to the end-user with each unit sold/leased in the United States.

## 9.0 Confidentiality Request

For electronic filing, the confidentiality request of the tested EUT is saved with filename: request.pdf.

## 10.0 Discussion of Pulse Desensitization

The determination of pulse desensitivity was made in accordance with Hewlett Packard Application Note 150-2, *Spectrum Analysis ... Pulsed RF*.

Pulse desensitivity is not applicable for this device since the transmitter transmits the RF signal continuously.

### 11.0 Test Equipment List

Radiation&amp; Conducted Test equipment

Equip No.	Description	Manufacturer	Model No.	Cal. Date	Due Date
LES-411-C	3m AnechoicChamber	N/A	9*6*6	2024/6/18	2027/6/17
LES-342-C	EMI Test Receiver	R&S	ESPI3	2024/5/15	2025/5/14
LES-398-C	Log-Periodic Antenna	SCHWARZBECK	VULB 9162	2024/5/18	2025/5/17
LES-345-C	Cable	Talent Microwave	A81-NMNM-8.5M	2024/4/26	2027/4/25
LES-351-C	Cable	Talent Microwave	A81-NMNM-2M	2024/4/26	2027/4/25
LES-039-C	Pre-Amplifier	EMC	EMC051835SE	2024/4/25	2025/4/24
LES-332-C	Broadband Horn Antenna	SCHWARZBECK	BBHA 9120 D	2024/5/18	2027/5/17
LES-046-C	Spectrum Analyzer	Agilent	E4440A	45408	45772
LES-063-C	Filter	TRILTHIC	2400MHz	45408	46502
LES-236-C	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	45424	46518
LES-235-C	Cable	Keysight	A40-KMNM-8M	45408	46502
LES-234-C	Cable	Keysight	A40-2/92M2/92M-2M	45408	46502
LES-332-C	Broadband Horn Antenna	SCHWARZBECK	BBHA 9120 D	45430	46524
LES-175-C	Spectrum Analyzer	R&S	FSV40	45407	45771

LES-045-C	MXG Vector Signal Generator	Agilent	N5182A	45407	45771
LES-486-C	Wideband Radio Communication Tester Specifications	R&S	CMW500	45764	46128
LES-037-C	USB RF Power Sensor	DARE	RPR3006W	45407	45771
LES-448-C	Filter	COM-MW	k6-2496-2690-10s60100-004	45659	46753

**Note:**

We will use the temporary antenna connector (soldered on the PCB board) When conducted test  
 And this temporary antenna connector is listed within the instrument list

**AC Conduction Test equipment**

Equip No.	Description	Manufacturer	Model No.	Cal. Date	Due Date
LES-021-C	Single Phase LISN	R&S	ENV216	2024/4/25	2025/4/24
LES-008-C	Single Phase LISN	R&S	ENV216	2024/4/25	2027/4/24
LES-076-C	Low Frequency Cable	N/A	R-03	2024/4/25	2027/4/24
LES-075-C	50Ω Coaxial Switch	Anritsu	MP59B	2024/4/26	2027/4/25
LES-001-C	EMI Test Receiver	R&S	ESCI	2024/4/26	2025/4/25

\*\*\*\*\* End of Report\*\*\*\*\*