



2.8 Radiated Spurious Emissions into Restricted Frequency Bands

2.8.1 Specification Reference

FCC Sections: 15.205, 15.209.

2.8.2 Equipment Under Test and Modification State

S/N: ADT_DVT #69

2.8.3 Date of Test

6/2/2026 to 7/23/2026

2.8.4 Test Method

Radiated emissions tests were made over the frequency range of 9 kHz to 40 GHz, at least 10 times the highest fundamental frequency. Each emission found to be in a restricted band as defined by section 15.205, including any emission at the operational band-edge, was compared to the radiated emission limits as defined in Section 15.209.

For measurements below 30 MHz, the receive antenna height was set to 1 m and the EUT was rotated through 360 degrees. The resolution bandwidth was set to 200 Hz below 150 kHz and to 9 kHz above 150 kHz.

The EUT was rotated through 360° and the receive antenna height was varied from 1m to 4m so that the maximum radiated emissions level would be detected. For frequencies below 1000 MHz, quasi-peak measurements were made using a resolution bandwidth RBW of 120 kHz and a video bandwidth VBW of 300 kHz. For frequencies above 1000 MHz, peak measurements are made with RBW of 1 MHz and VBW of 3 MHz. Average measurements are performed using an RMS detector.

2.8.5 Duty Cycle Correction

The EUT was configured to transmit at the maximum duty cycle during the evaluation. For the modes that did not operate at a duty cycle greater than 98%, the average values were corrected using the applicable duty cycle correction factor as calculated in Section 2.10.

2.8.6 Environmental Conditions

Ambient Temperature	24.1 °C
Relative Humidity	35 %
Atmospheric Pressure	976 mbar

2.8.7 Additional Observations

Measurements were made using BAT-EMC (2024.0.9.5) automated software. The reported level is the actual level with all the correction factors factored in. Correction Factor column is for informational purposes only.



2.8.8 Test Results

AC Powered, Operating

Limit Clause FCC Sections 15.205, 15.209

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.4090-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

** Except as provided in paragraph (g) of FCC Part 15.209, fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.

Test Summary:

For the frequency range of 9 kHz to 30 MHz, no significant emissions were found. The data for the 802.11b mode is documented in this report is representative of the emissions found for the additional modes for that range.

The emissions within the restricted bands meet the aforementioned limits.

Test Result: Pass

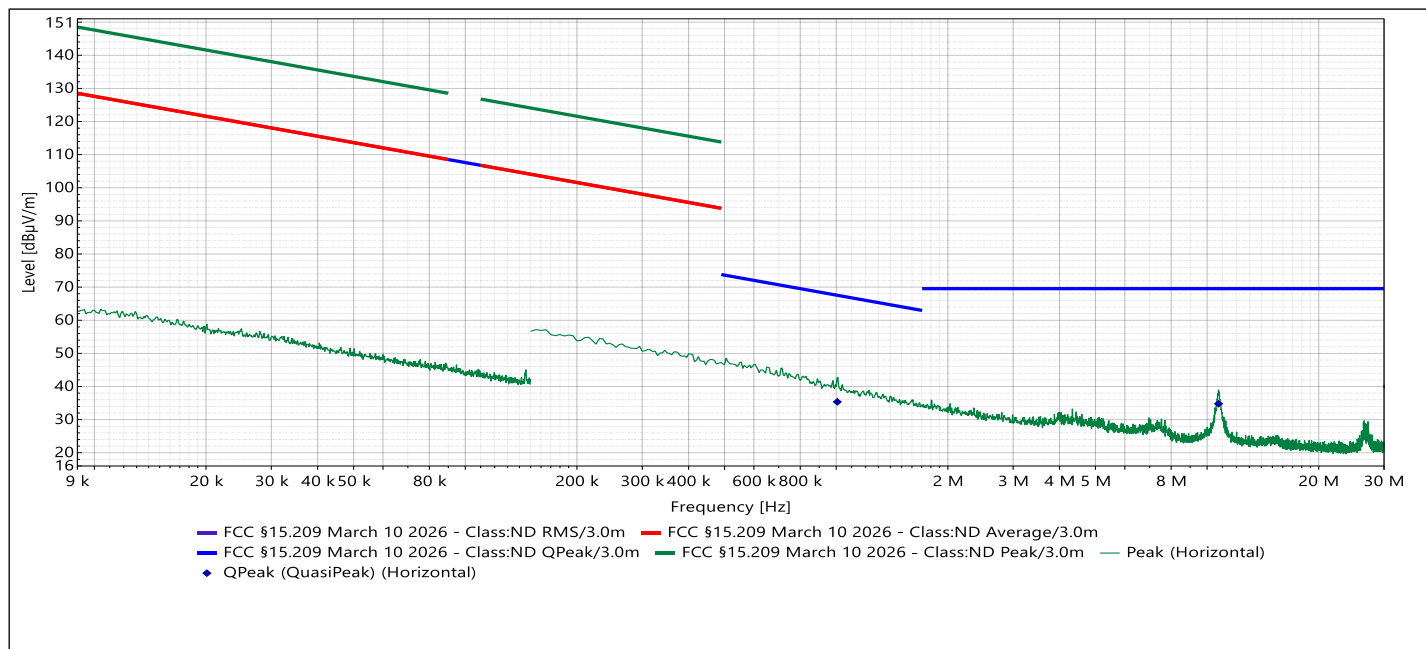


2.8.8.1 Radiated Spurious Emissions in the Restricted Bands

Spurious - 9kHz-30MHz - Channel 1 2412MHz - Horizontal Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Horizontal	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Horizontal	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/22/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-1 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-1– Radiated Emissions Test Results**

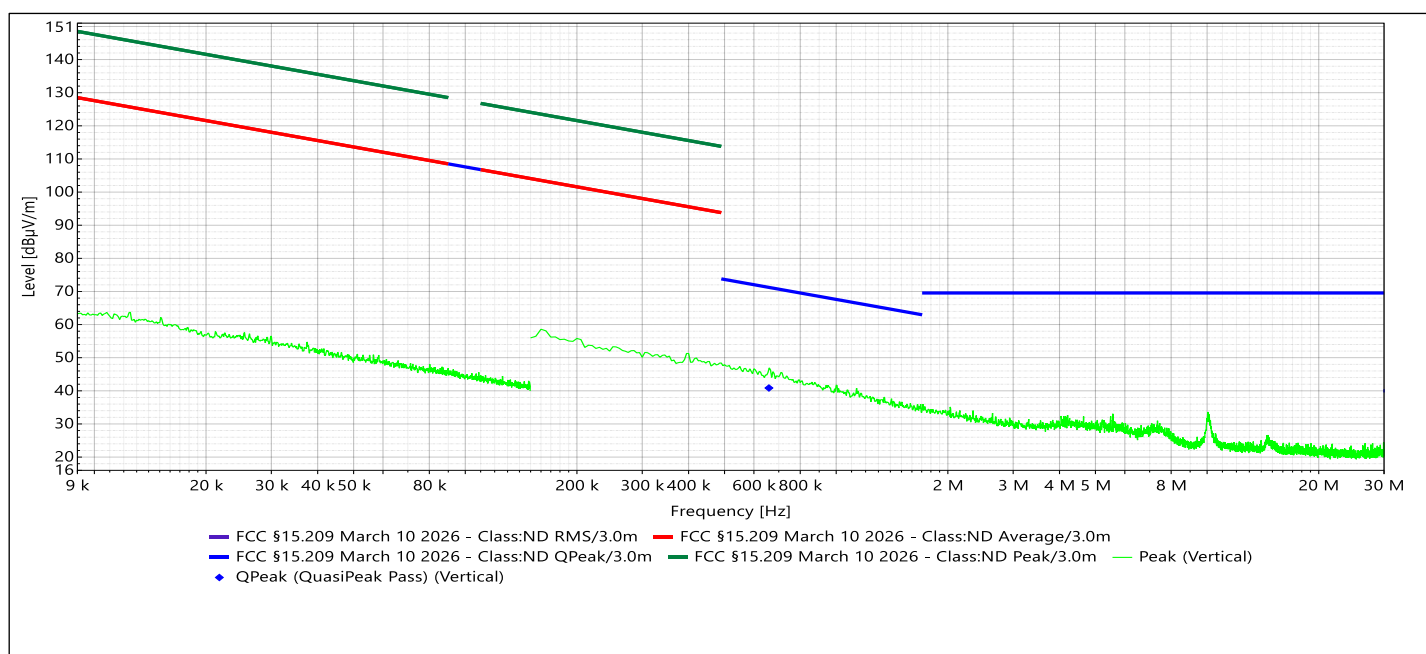
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
1.007	35.36	67.56	-32.19	313.00	1.00	Horizontal	Pass
10.735	34.78	69.54	-34.76	360.00	1.00	Horizontal	Pass



Spurious - 9kHz-30MHz - Channel 1 2412MHz - Vertical Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/23/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-2 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-2– Radiated Emissions Test Results

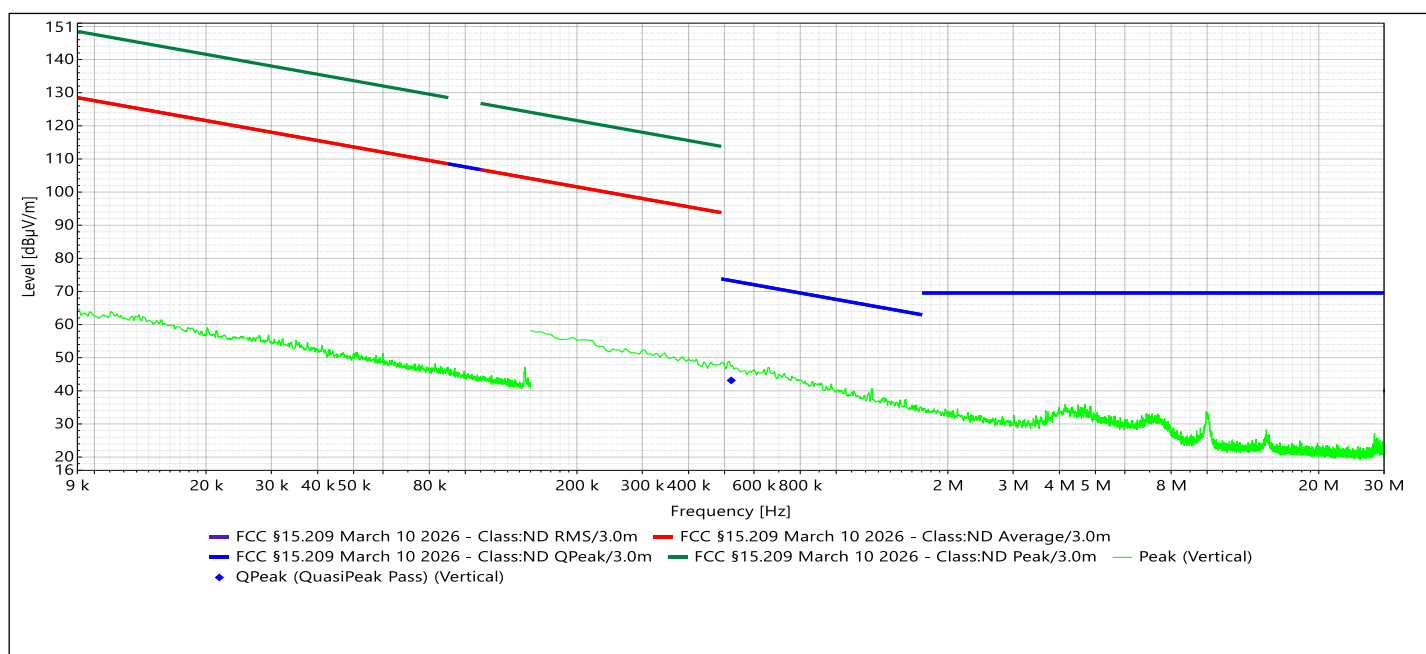
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.659	40.86	71.21	-30.35	256.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 1 2412MHz -Vertical Co-Axial

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/23/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-3 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-3– Radiated Emissions Test Results

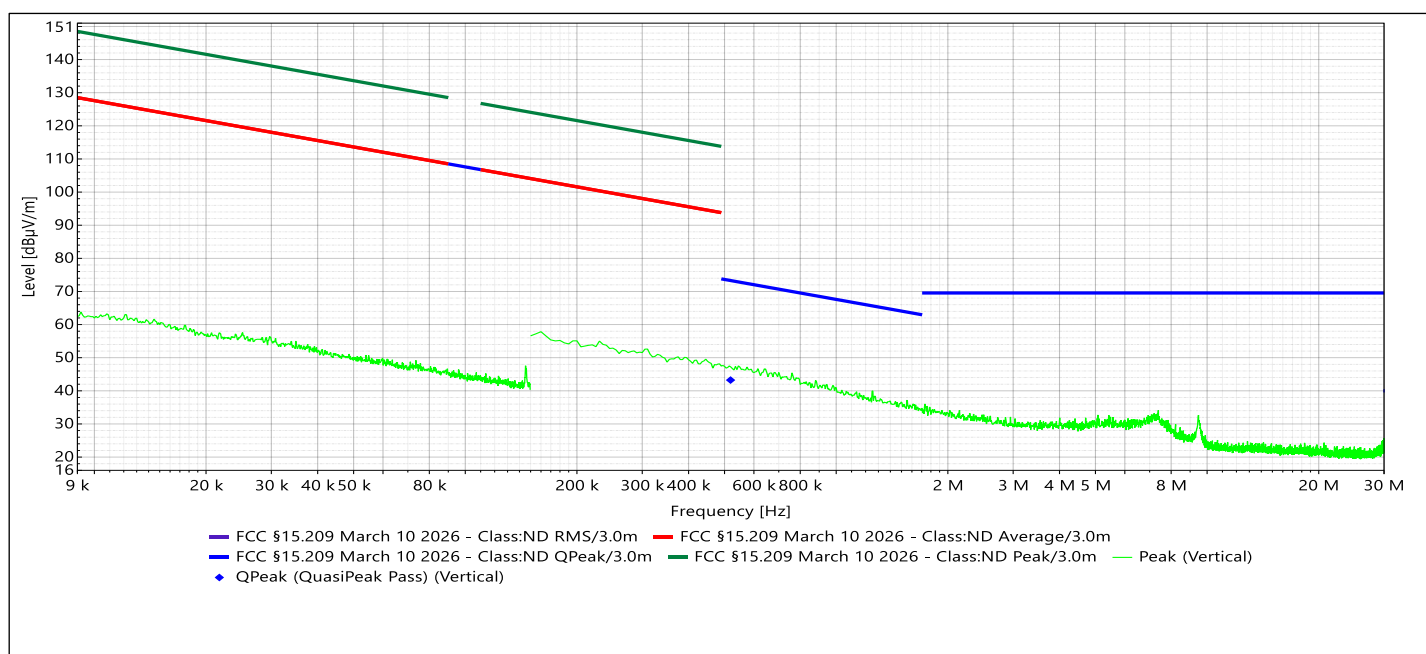
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.521	43.14	73.28	-30.14	205.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 6 2437MHz - Vertical Co-Axial

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/18/2026	3mSAC	Thierry Jean-Charles	24.7 °C	42 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-4 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-4– Radiated Emissions Test Results

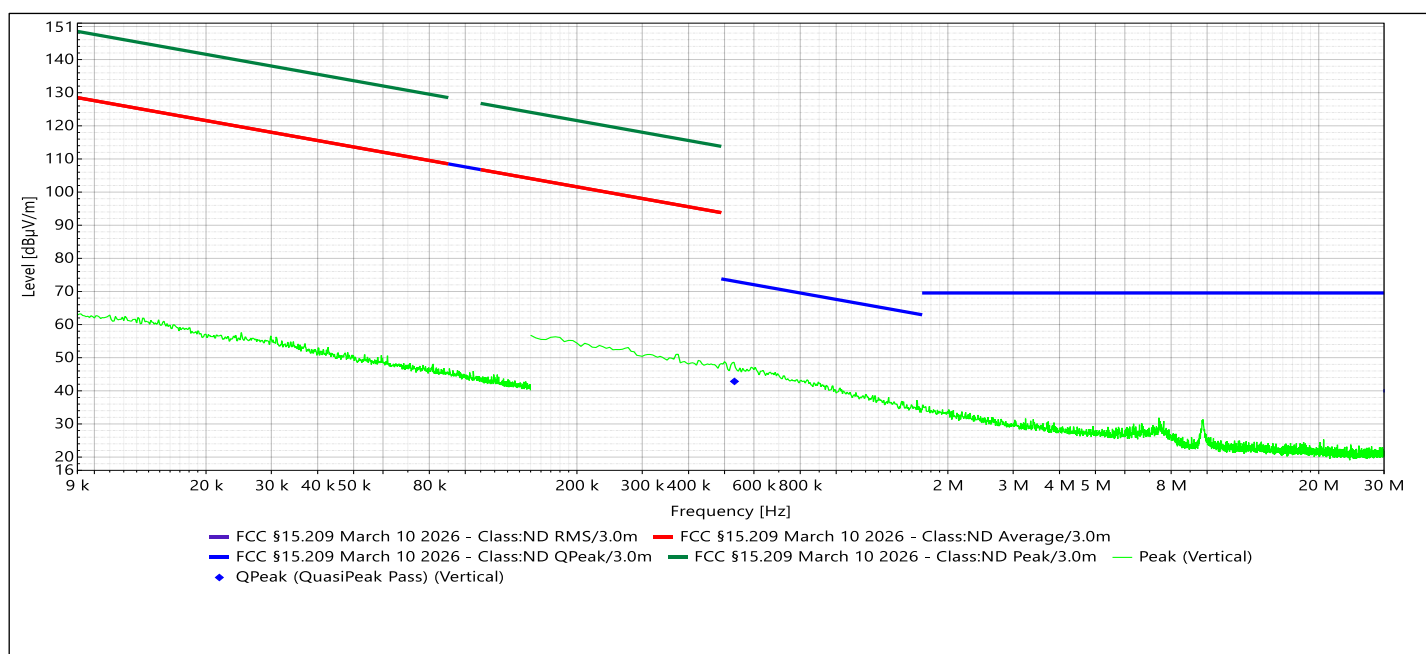
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.519	43.25	73.28	-30.04	148.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 6 2437MHz - Vertical Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/18/2026	3mSAC	Thierry Jean-Charles	24.7 °C	42 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-5 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-5– Radiated Emissions Test Results

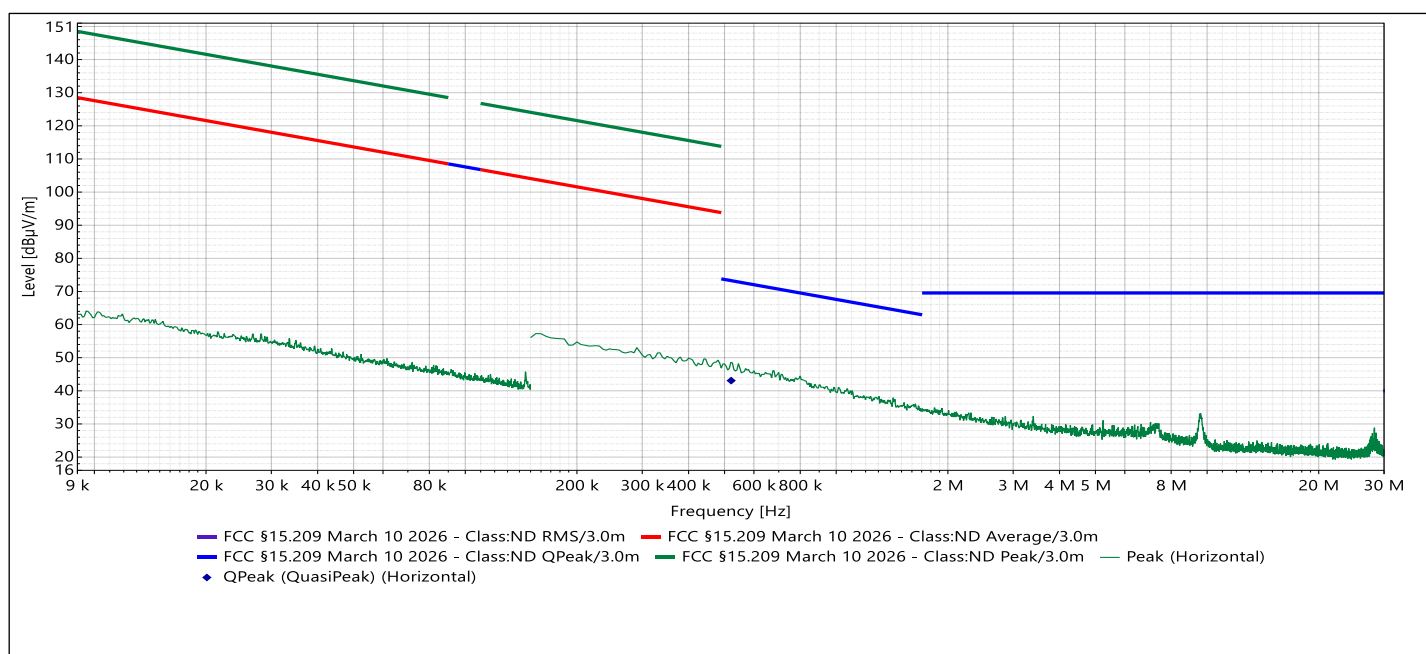
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.532	42.84	73.12	-30.27	360.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 6 2437MHz - Horizontal Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Horizontal	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Horizontal	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/18/2026	3mSAC	Thierry Jean-Charles	24.7 °C	42 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-6 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-6– Radiated Emissions Test Results

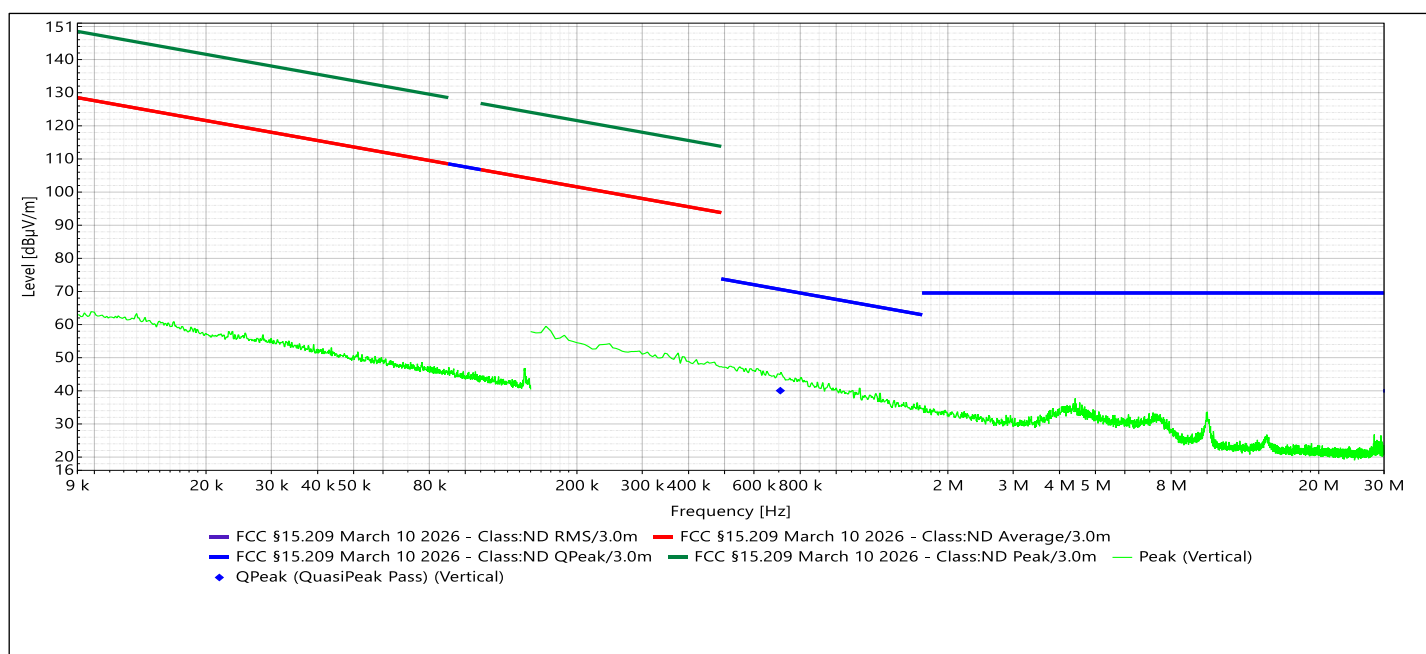
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.521	43.08	73.28	-30.20	342.00	1.00	Horizontal	Pass



Spurious - 9kHz-30MHz - Channel 11 2462MHz - Vertical Co-Axial

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/23/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-7 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-7– Radiated Emissions Test Results

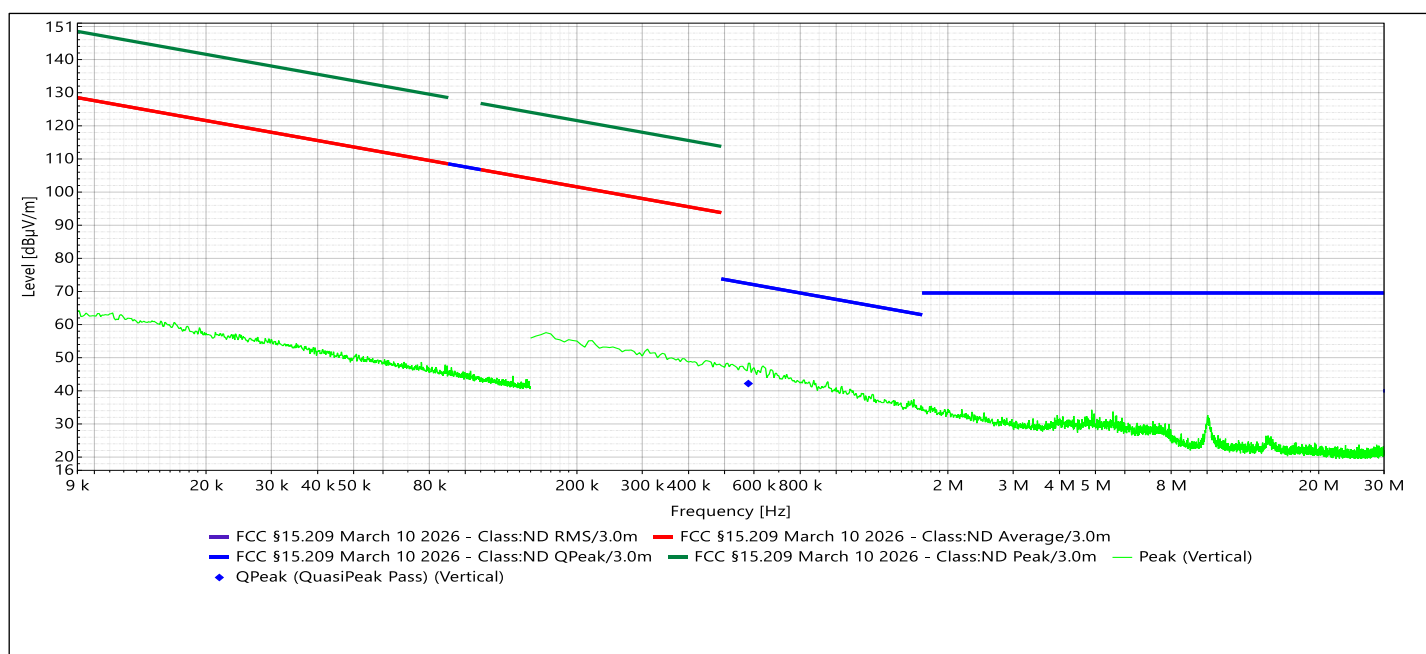
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.707	40.05	70.64	-30.58	277.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 11 2462MHz - Vertical Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/23/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-8 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-8– Radiated Emissions Test Results

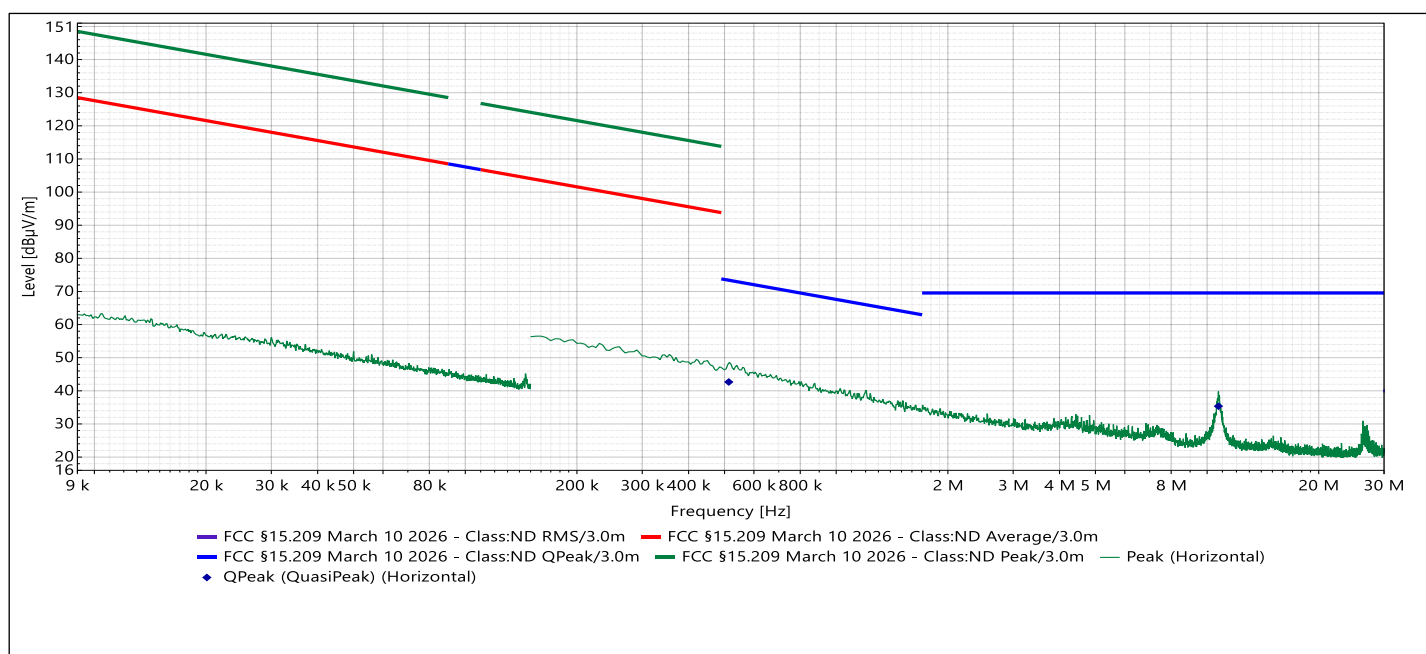
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.580	42.20	72.33	-30.13	220.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 11 2462MHz - Horizontal Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Horizontal	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Horizontal	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/22/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-9 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-9– Radiated Emissions Test Results

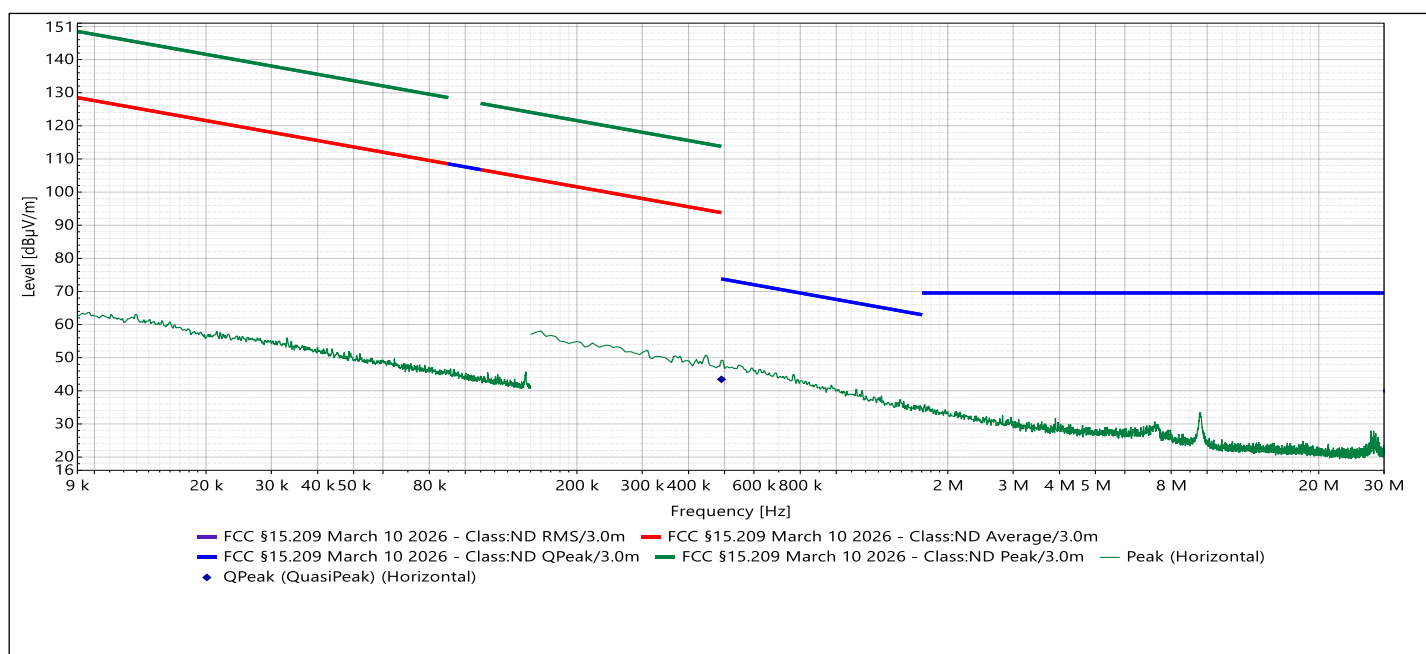
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.513	42.67	73.37	-30.70	48.00	1.00	Horizontal	Pass
10.729	35.36	69.54	-34.18	0.00	1.00	Horizontal	Pass



Spurious - 9kHz-30MHz - Channel 6 2437MHz - Horizontal Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Horizontal	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Horizontal	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/18/2026	3mSAC	Thierry Jean-Charles	24.7 °C	42 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-10– Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-10– Radiated Emissions Test Results

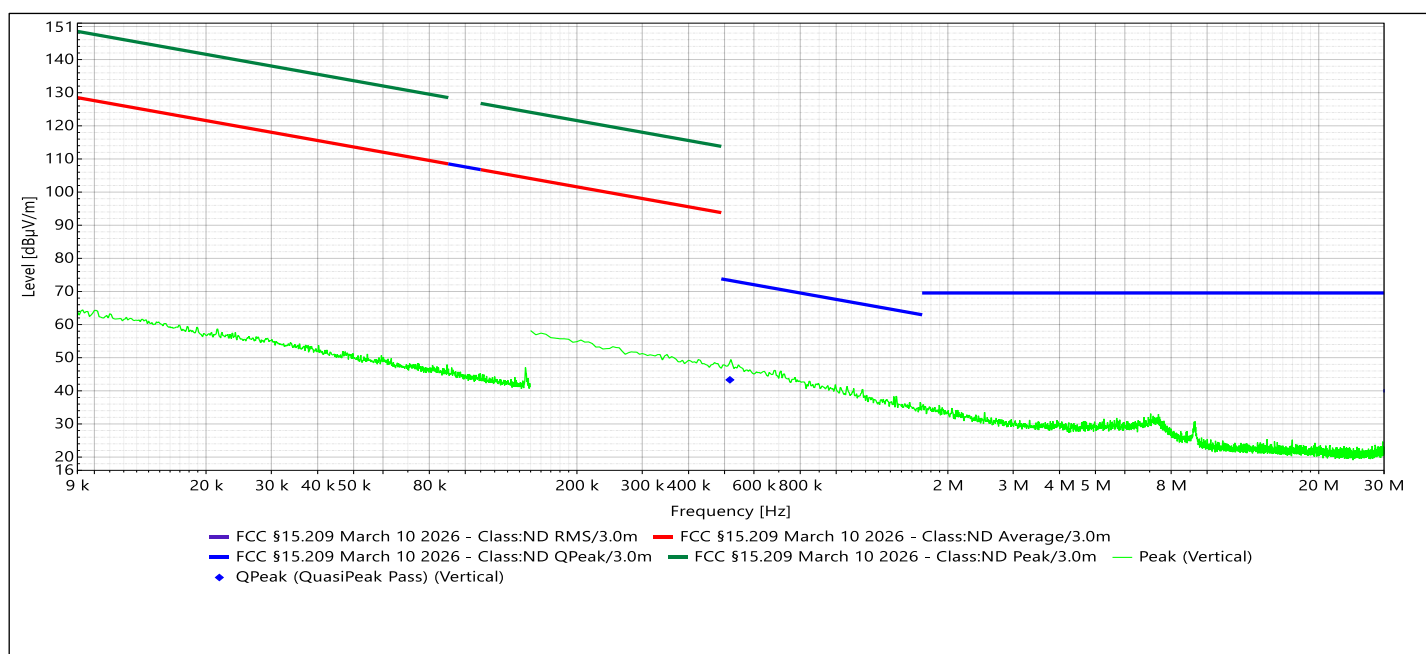
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.491	43.48	73.80	-30.32	227.00	1.00	Horizontal	Pass



Spurious - 9kHz-30MHz - Channel 6 2437MHz - Vertical Co-Axial

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/18/2026	3mSAC	Thierry Jean-Charles	24.7 °C	42 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-11 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-11– Radiated Emissions Test Results

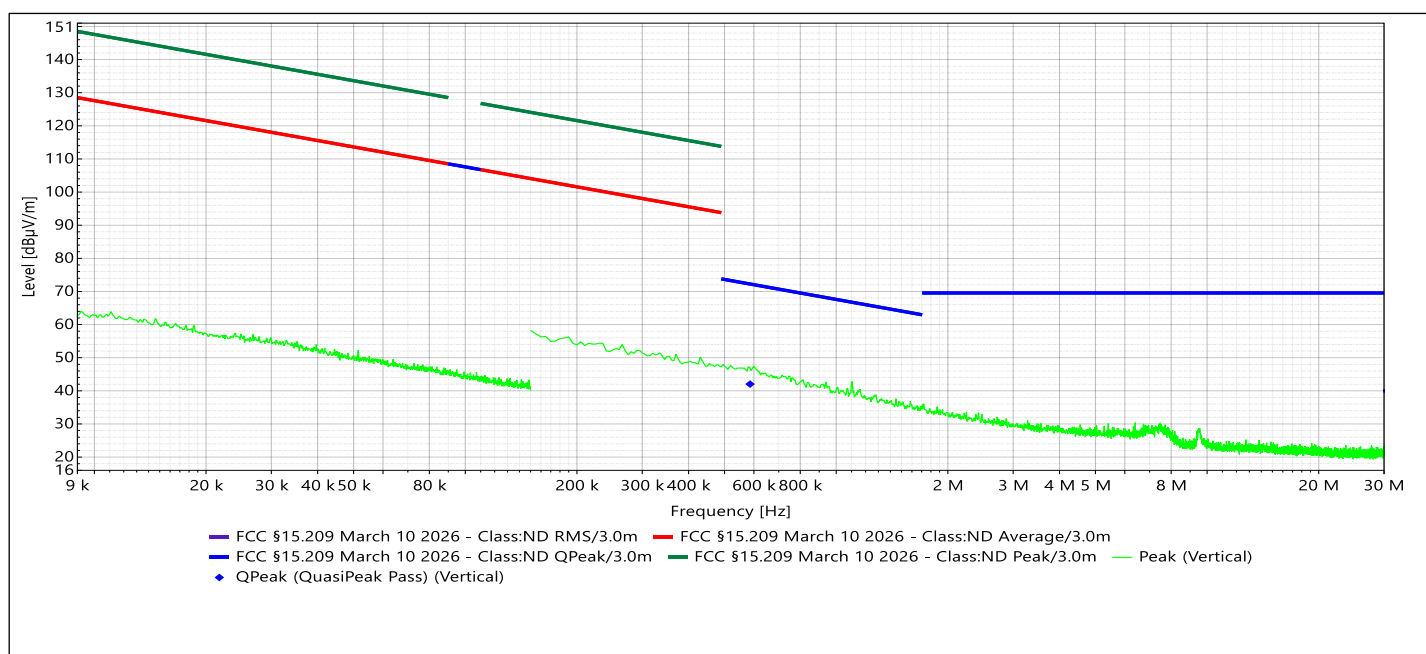
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.517	43.32	73.37	-30.05	148.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 6 2437MHz - Vertical Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/18/2026	3mSAC	Thierry Jean-Charles	24.7 °C	42 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-12 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-12– Radiated Emissions Test Results

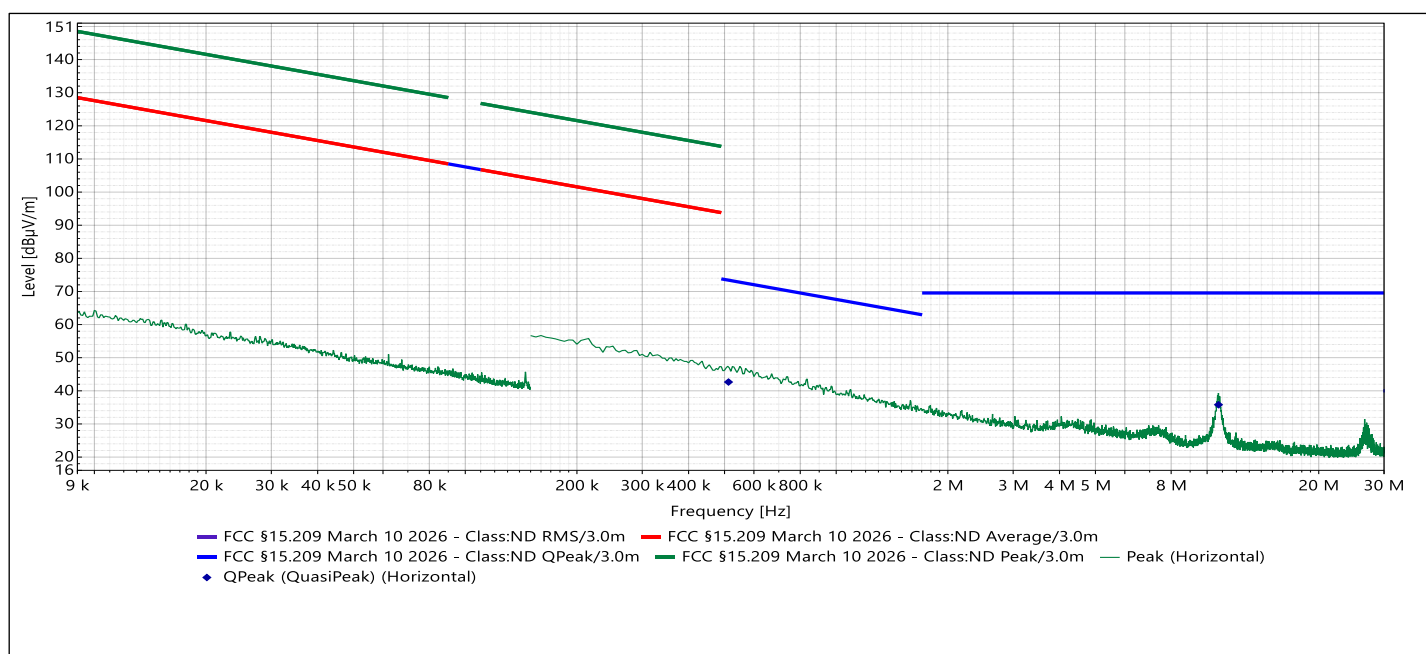
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.586	42.04	72.26	-30.22	213.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 11 2462MHz - Horizontal Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Horizontal	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Horizontal	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/22/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-13 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-13– Radiated Emissions Test Results

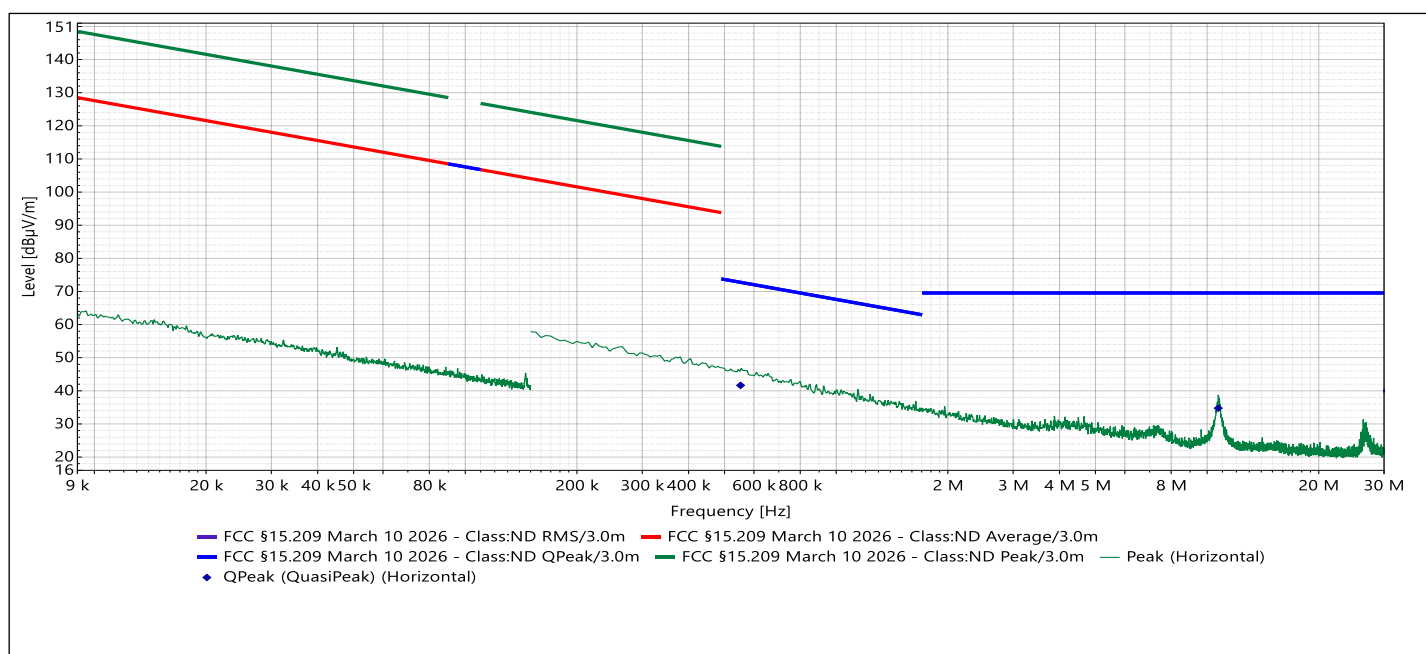
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.512	42.65	73.45	-30.80	270.00	1.00	Horizontal	Pass
10.733	35.80	69.54	-33.74	0.00	1.00	Horizontal	Pass



Spurious - 9kHz-30MHz - Channel 1 2412MHz - Horizontal Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Horizontal	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Horizontal	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/22/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-14 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-14– Radiated Emissions Test Results

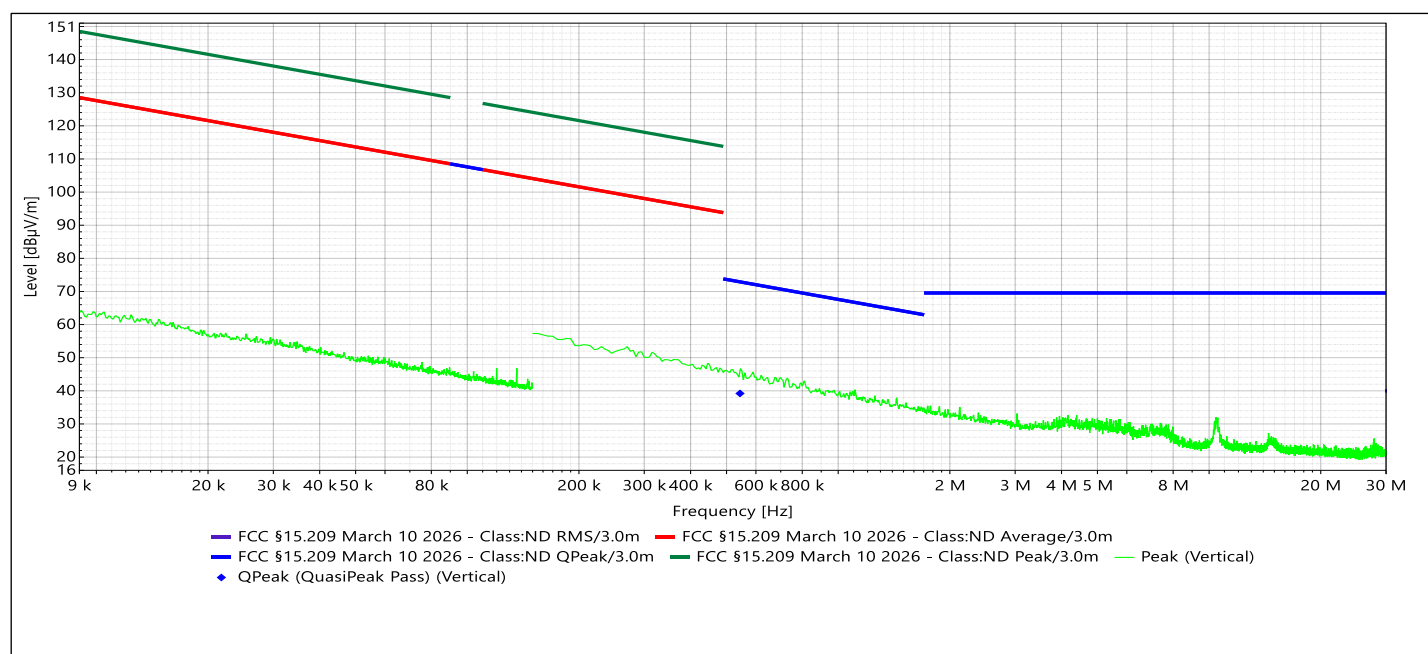
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.552	41.65	72.80	-31.15	349.00	1.00	Horizontal	Pass
10.719	34.77	69.54	-34.77	360.00	1.00	Horizontal	Pass



Spurious - 9kHz-30MHz - Channel 1 2412MHz -Vertical Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/22/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-15 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-15– Radiated Emissions Test Results

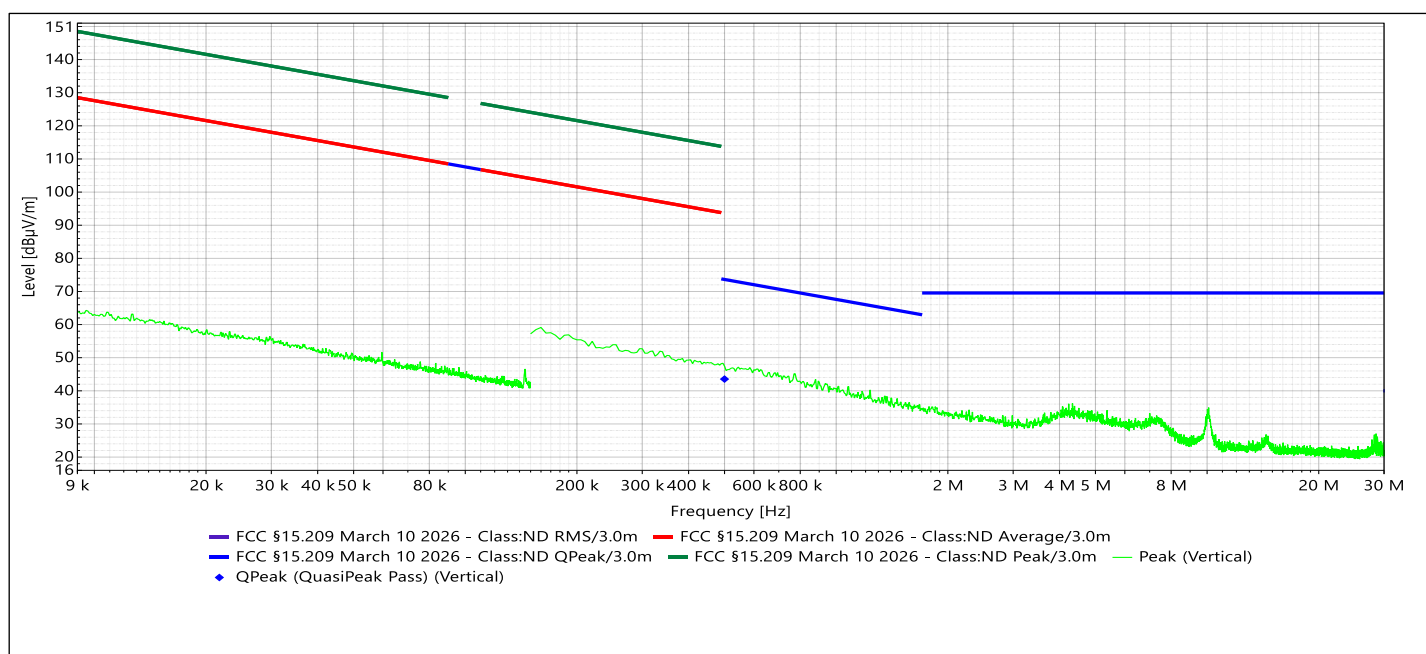
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.544	39.21	72.88	-33.67	191.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 1 2412MHz -Vertical Co-Axial

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/23/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-16 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-16– Radiated Emissions Test Results

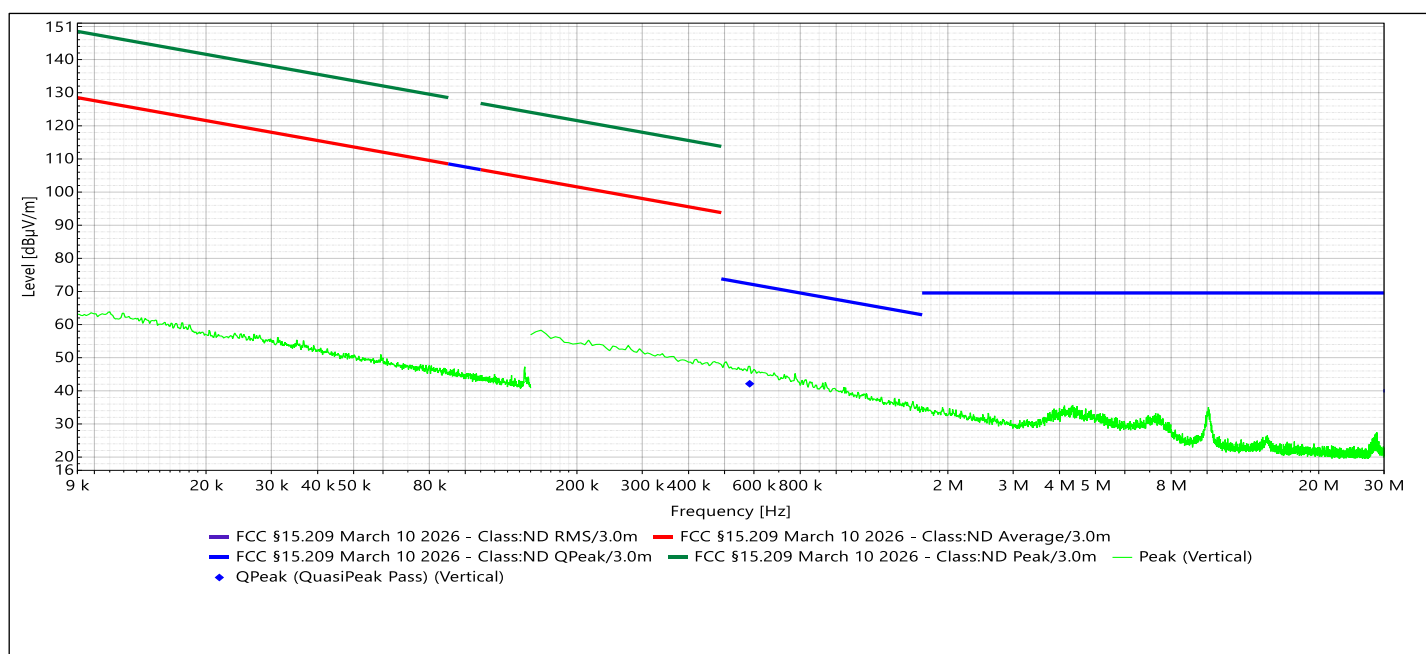
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.500	43.55	73.62	-30.08	306.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 11 2462MHz -Vertical Co-Axial

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/23/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-17 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-17– Radiated Emissions Test Results

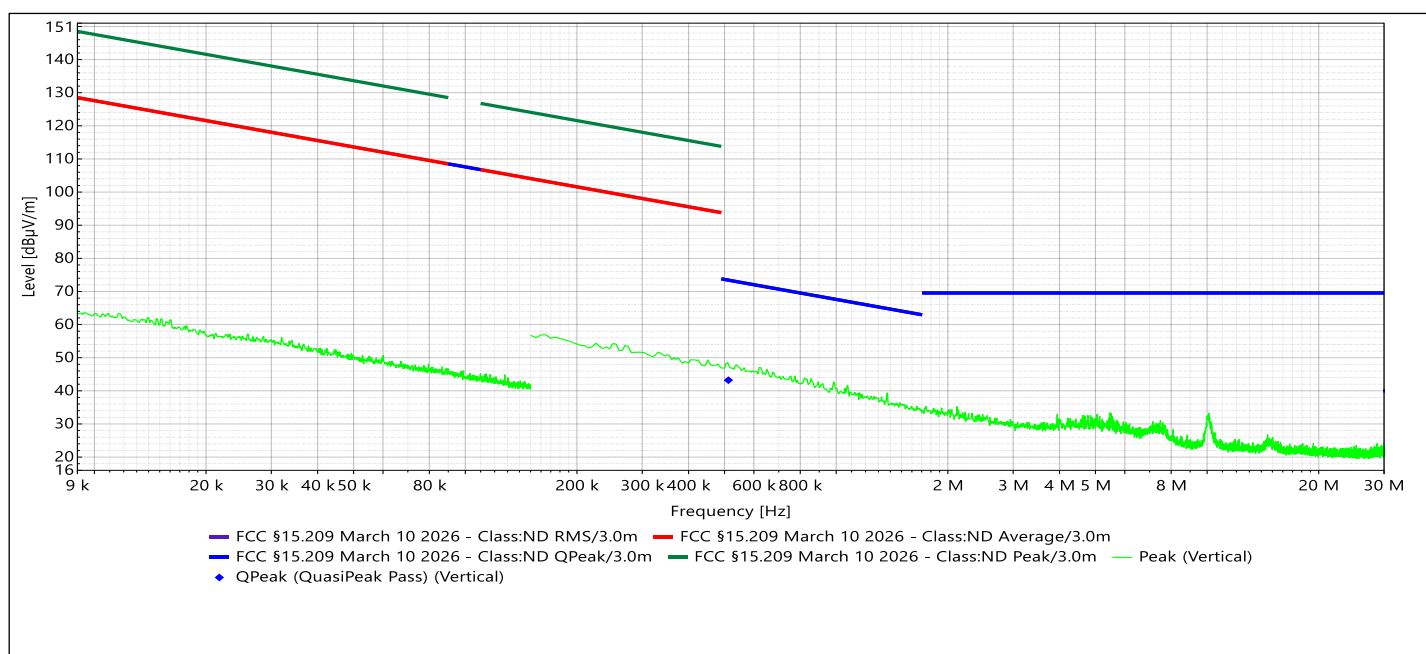
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.585	42.14	72.26	-30.12	256.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel 11 2462MHz -Vertical Co-Planar

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
9 kHz - 150 kHz	3m	Vertical	200 Hz	1411 Pts	5 ms/MHz
150 kHz - 30 MHz	3m	Vertical	9 kHz	5971 Pts	5 ms/MHz

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/23/2026	3mSAC	Thierry Jean-Charles	23.9 °C	28 %	989 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-18 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.8.8.1-18– Radiated Emissions Test Results

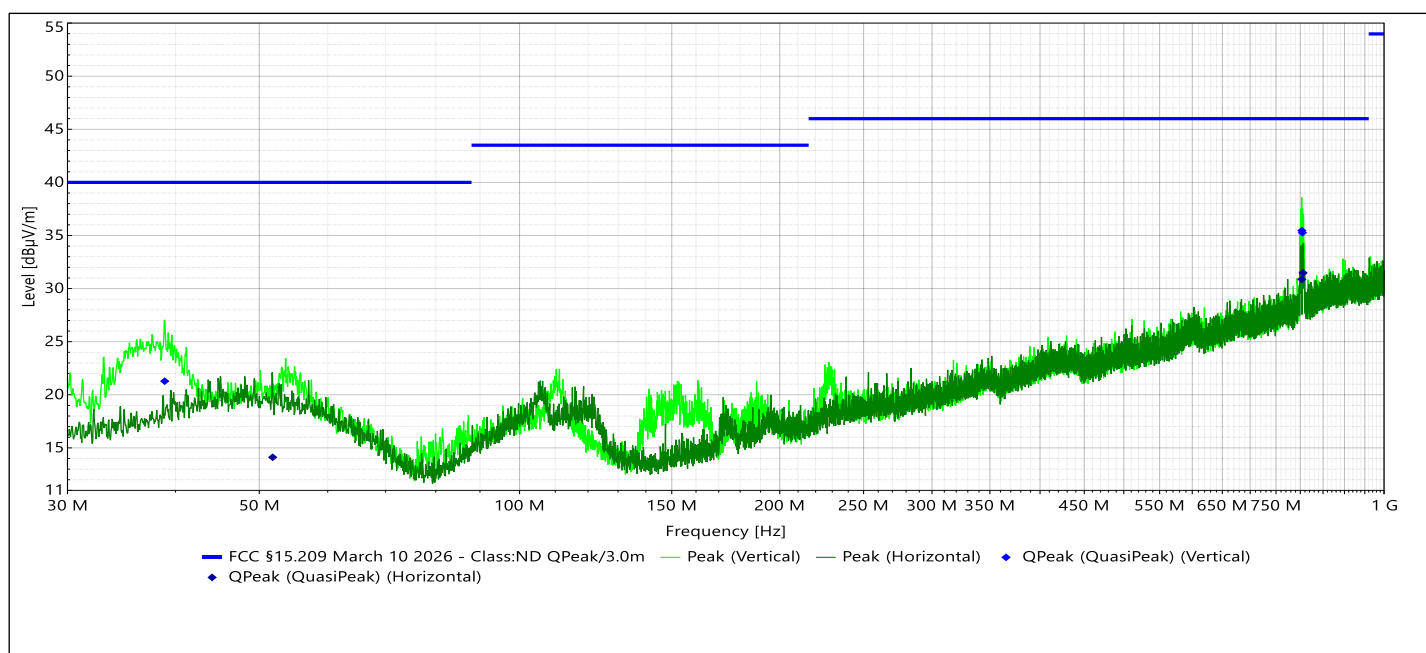
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.512	43.21	73.45	-30.24	98.00	1.00	Vertical	Pass



Spurious Emissions 30M-1GHz - Low Channel - 2412 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
30 MHz - 1 GHz	3m	Vertical	120 kHz	20001 Pts	Auto
30 MHz - 1 GHz	3m	Horizontal	120 kHz	20001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/30/2026	3mSAC	Rafael Aguiar Cota	26 °C	43 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-19 – Radiated Emissions Test Results

Test Notes:

- Antenna1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-19– Radiated Emissions Test Results**

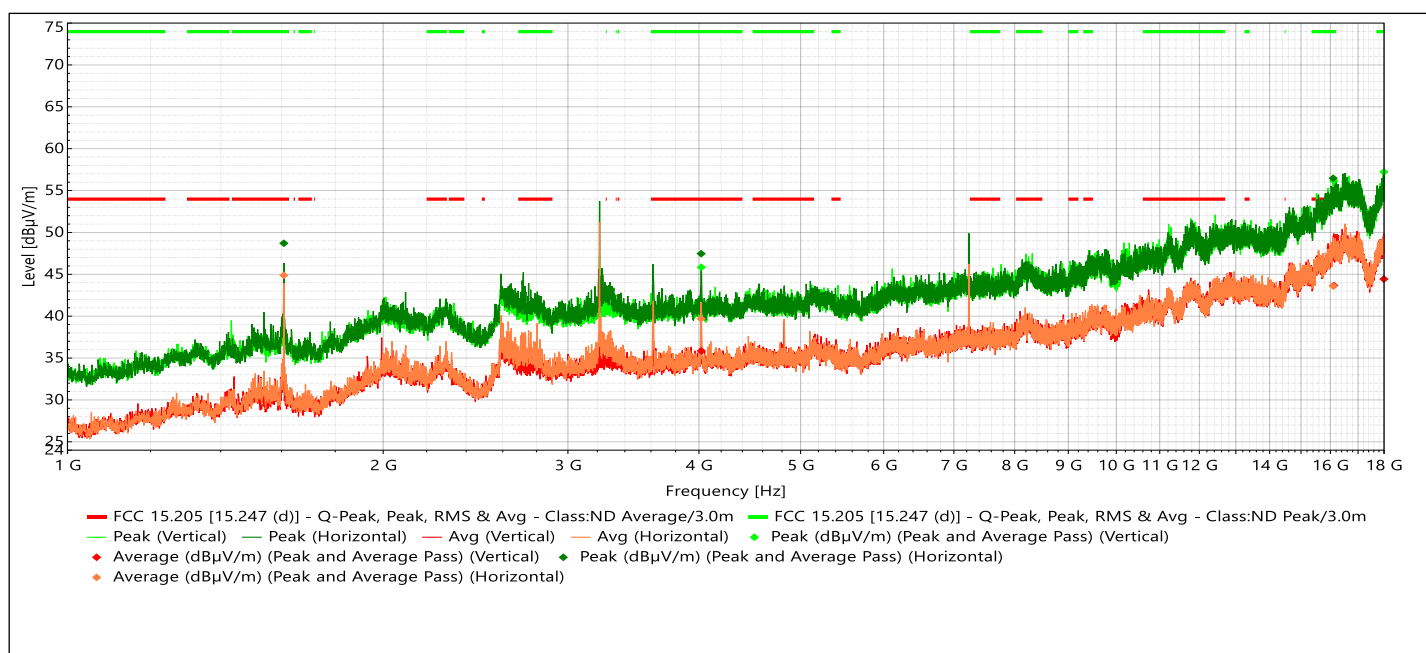
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
38.870	21.28	40.00	-18.72	0.00	1.00	Vertical	Pass
803.324	35.46	46.00	-10.54	255.00	1.12	Vertical	Pass
804.668	35.26	46.00	-10.74	280.00	1.09	Vertical	Pass
51.816	14.11	40.00	-25.89	0.00	1.00	Horizontal	Pass
803.324	30.87	46.00	-15.13	144.00	1.60	Horizontal	Pass
806.012	31.48	46.00	-14.52	144.00	1.57	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel 1 - 2412 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
1 GHz - 18 GHz	3m	Vertical	1 MHz	34001 Pts	200 ms
1 GHz - 18 GHz	3m	Horizontal	1 MHz	34001 Pts	200 ms

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/25/2026	3mSAC	Thierry Jean-Charles	25.2 °C	33 %	982 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-20 – Radiated Emissions Test Results

Test Notes:

- Antenna 1, 1 Mbps
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-20– Radiated Emissions Test Results**

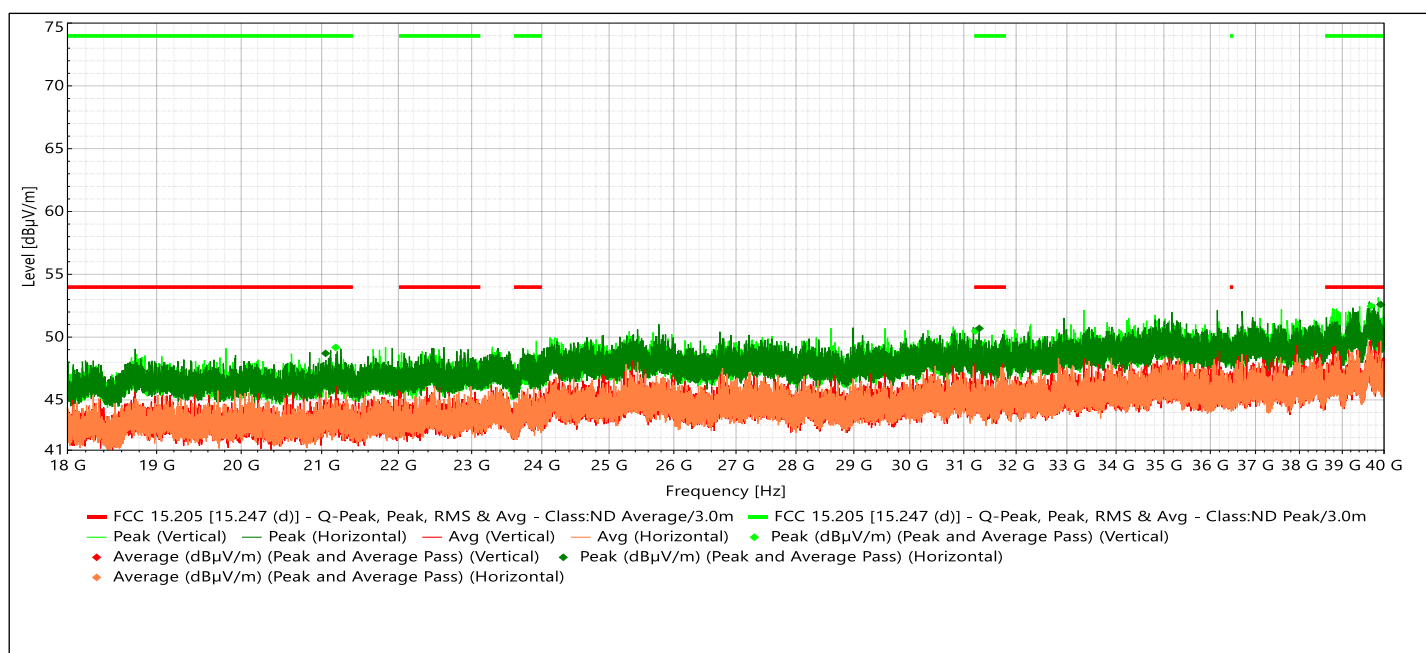
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
4020.610	45.85	73.98	-28.13	35.85	53.98	-18.13	283.00	2.50	Vertical	Pass
16119.363	56.16	73.98	-17.82	43.66	53.98	-10.32	224.00	3.79	Vertical	Pass
17993.117	57.23	73.98	-16.75	44.43	53.98	-9.55	47.00	4.00	Vertical	Pass
1607.992	48.70	73.98	-25.27	44.88	53.98	-9.10	142.00	3.39	Horizontal	Pass
4019.311	47.46	73.98	-26.52	39.70	53.98	-14.28	176.00	1.00	Horizontal	Pass
16098.426	56.47	73.98	-17.51	43.59	53.98	-10.39	159.00	1.00	Horizontal	Pass



Spurious Emissions 18 - 40GHz - Low Channel 1 - 2412 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
18 GHz - 40 GHz	3m	Vertical	1 MHz	44001 Pts	Auto
18 GHz - 40 GHz	3m	Horizontal	1 MHz	44001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/23/2026	3mSAC	Rafael Aguiar Cota	23.8 °C	35 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
Wi-Fi 802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-21 – Radiated Emissions Test Results

Test Notes:

- Power 13dB, Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-21– Radiated Emissions Test Results**

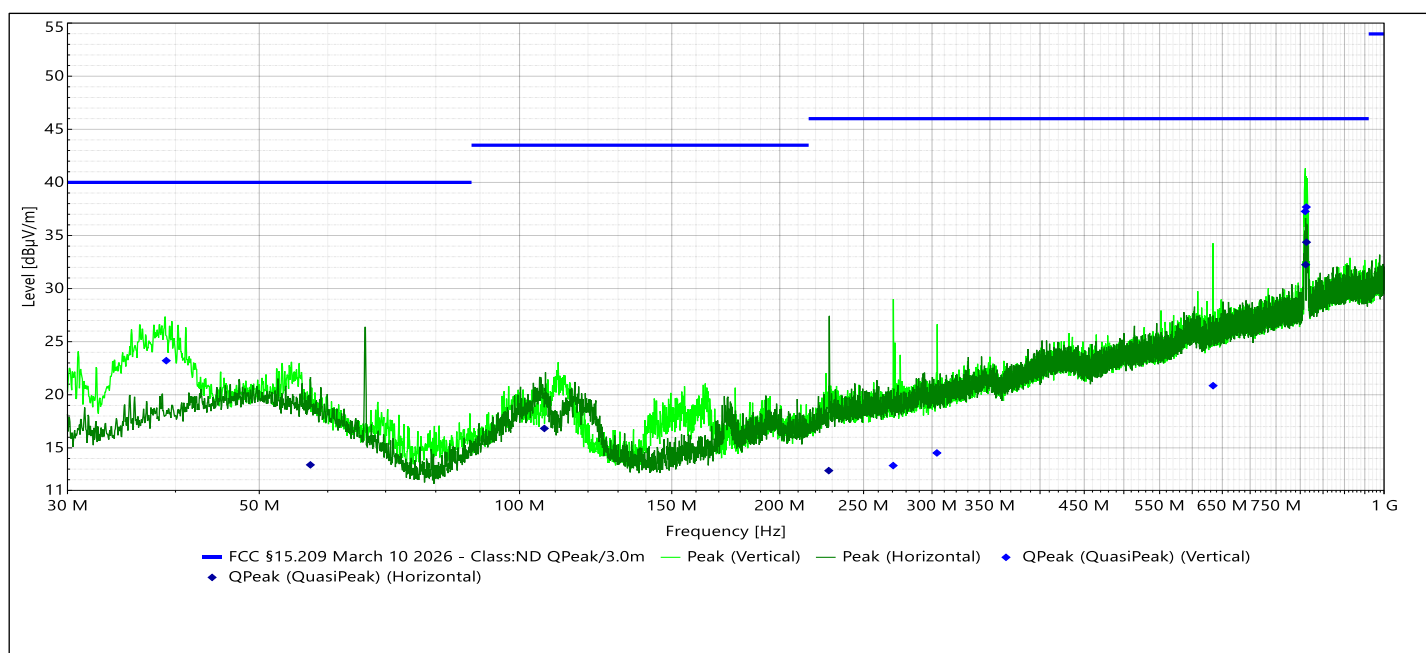
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
21180.222	49.18	73.98	-24.80	36.65	53.98	-17.33	254.00	2.07	Vertical	Pass
31216.257	50.48	73.98	-23.50	38.02	53.98	-15.96	197.00	4.00	Vertical	Pass
39686.110	52.47	73.98	-21.50	40.32	53.98	-13.66	55.00	4.00	Vertical	Pass
21050.863	48.71	73.98	-25.27	36.51	53.98	-17.47	33.00	3.89	Horizontal	Pass
31292.087	50.69	73.98	-23.29	37.83	53.98	-16.15	57.00	1.00	Horizontal	Pass
39918.017	52.60	73.98	-21.38	39.86	53.98	-14.12	275.00	1.00	Horizontal	Pass



Spurious Emissions 30M-1GHz - Mid Channel - 2437 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
30 MHz - 1 GHz	3m	Vertical	120 kHz	20001 Pts	Auto
30 MHz - 1 GHz	3m	Horizontal	120 kHz	20001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/30/2026	3mSAC	Rafael Aguiar Cota	26 °C	43 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-22 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-22– Radiated Emissions Test Results**

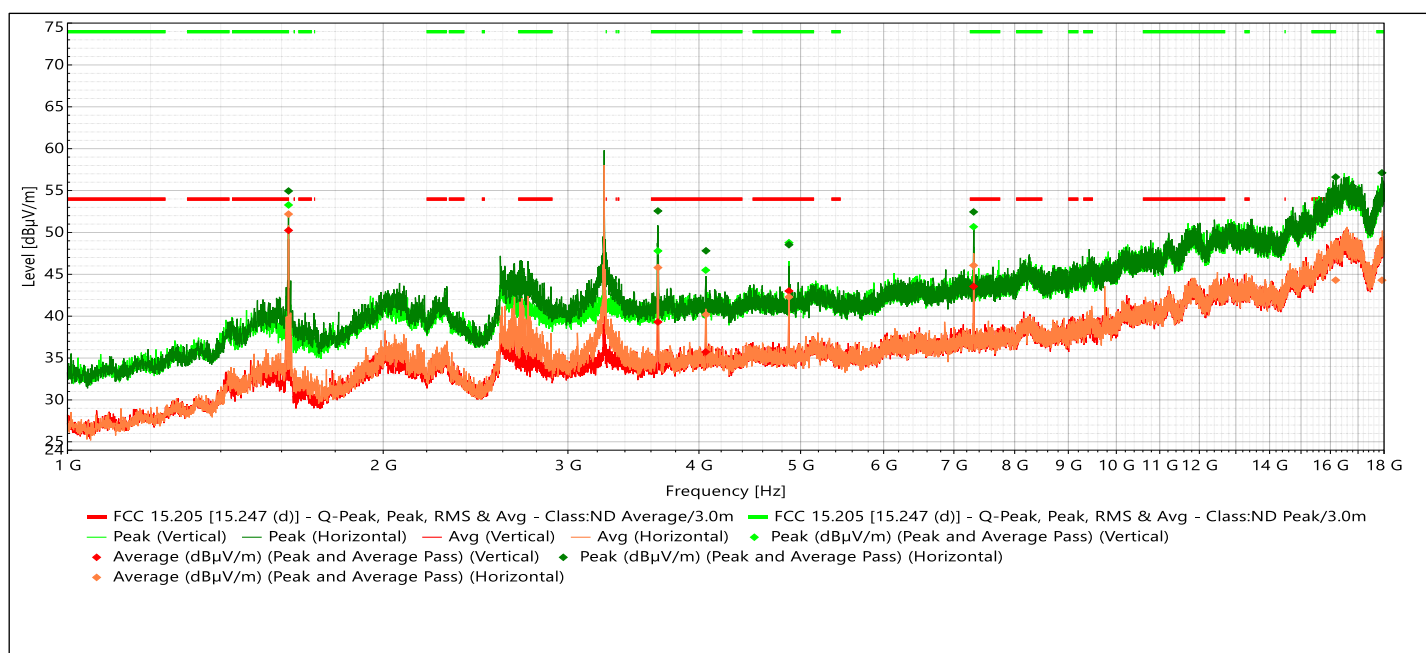
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
39.030	23.21	40.00	-16.79	0.00	1.00	Vertical	Pass
270.531	13.33	46.00	-32.67	171.00	2.24	Vertical	Pass
303.948	14.52	46.00	-31.48	120.00	1.67	Vertical	Pass
634.247	20.86	46.00	-25.14	171.00	1.00	Vertical	Pass
810.649	37.27	46.00	-8.73	280.00	1.09	Vertical	Pass
813.002	37.68	46.00	-8.32	253.00	1.05	Vertical	Pass
57.292	13.40	40.00	-26.60	93.00	3.01	Horizontal	Pass
66.527	10.70	40.00	-29.30	127.00	4.00	Horizontal	Pass
106.842	16.83	43.50	-26.67	225.00	2.78	Horizontal	Pass
227.873	12.86	46.00	-33.14	323.00	1.00	Horizontal	Pass
811.564	32.25	46.00	-13.75	167.00	2.46	Horizontal	Pass
813.314	34.37	46.00	-11.63	154.00	1.47	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel 6 - 2437 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
1 GHz - 18 GHz	3m	Vertical	1 MHz	34001 Pts	200 ms
1 GHz - 18 GHz	3m	Horizontal	1 MHz	34001 Pts	200 ms

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/2/2026	3mSAC	Thierry Jean-Charles	26.6 °C	32 %	995 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-23 – Radiated Emissions Test Results

Test Notes:

- Antenna 1, 1 Mbps
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-23– Radiated Emissions Test Results**

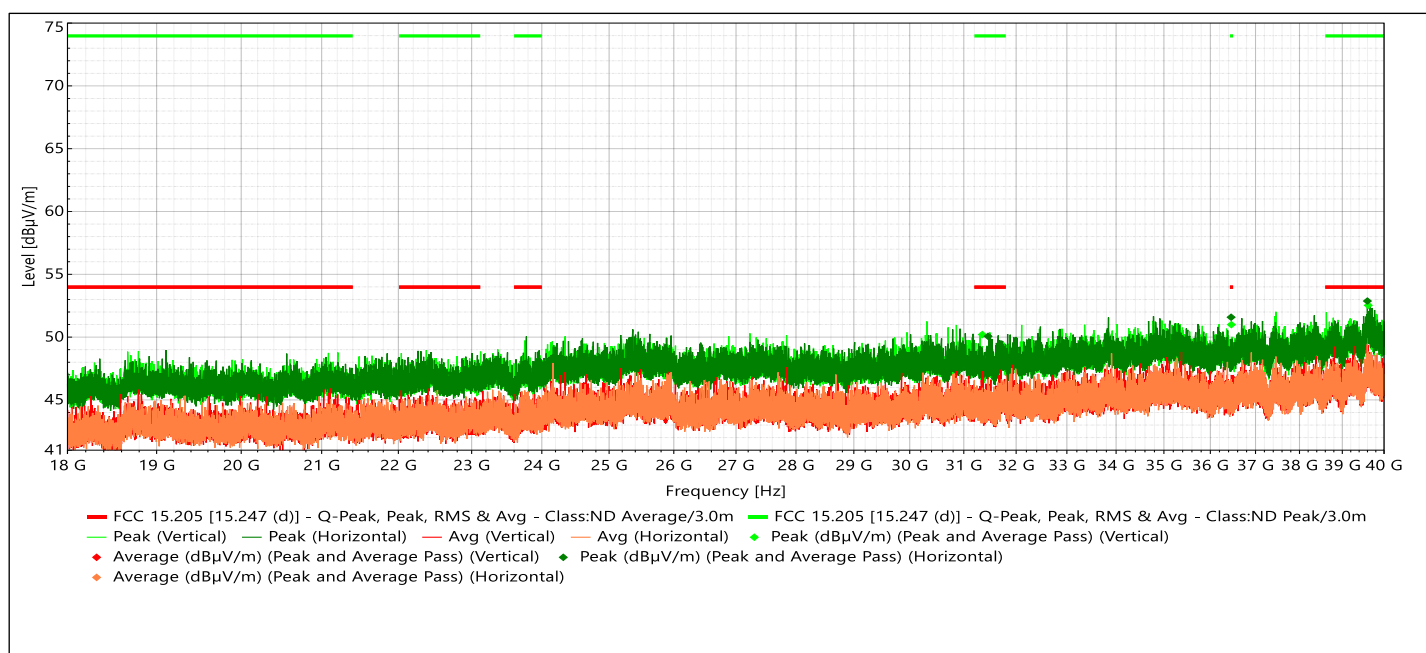
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
1624.659	53.28	73.98	-20.70	50.25	53.98	-3.73	95.00	1.72	Vertical	Pass
3655.483	47.79	73.98	-26.19	39.31	53.98	-14.67	103.00	4.00	Vertical	Pass
4059.977	45.49	73.98	-28.49	35.73	53.98	-18.25	288.00	1.89	Vertical	Pass
4873.979	48.78	73.98	-25.20	43.01	53.98	-10.97	256.00	3.89	Vertical	Pass
7310.193	50.68	73.98	-23.30	43.55	53.98	-10.43	264.00	2.50	Vertical	Pass
1624.660	54.95	73.98	-19.03	52.19	53.98	-1.79	143.00	2.00	Horizontal	Pass
3655.483	52.57	73.98	-21.41	45.80	53.98	-8.18	175.00	1.00	Horizontal	Pass
4062.320	47.81	73.98	-26.17	40.20	53.98	-13.78	191.00	2.02	Horizontal	Pass
4873.979	48.53	73.98	-25.45	42.29	53.98	-11.69	240.00	1.00	Horizontal	Pass
7310.297	52.45	73.98	-21.53	46.06	53.98	-7.92	288.00	2.51	Horizontal	Pass
16185.656	56.62	73.98	-17.36	44.30	53.98	-9.68	79.00	4.00	Horizontal	Pass
17916.750	57.11	73.98	-16.86	44.29	53.98	-9.69	119.00	4.00	Horizontal	Pass



Spurious Emissions 18 - 40GHz - Mid Channel 6 - 2437 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
18 GHz - 40 GHz	3m	Vertical	1 MHz	44001 Pts	Auto
18 GHz - 40 GHz	3m	Horizontal	1 MHz	44001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/23/2026	3mSAC	Rafael Aguiar Cota	23.8 °C	35 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
Wi-Fi 802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-24 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-24– Radiated Emissions Test Results**

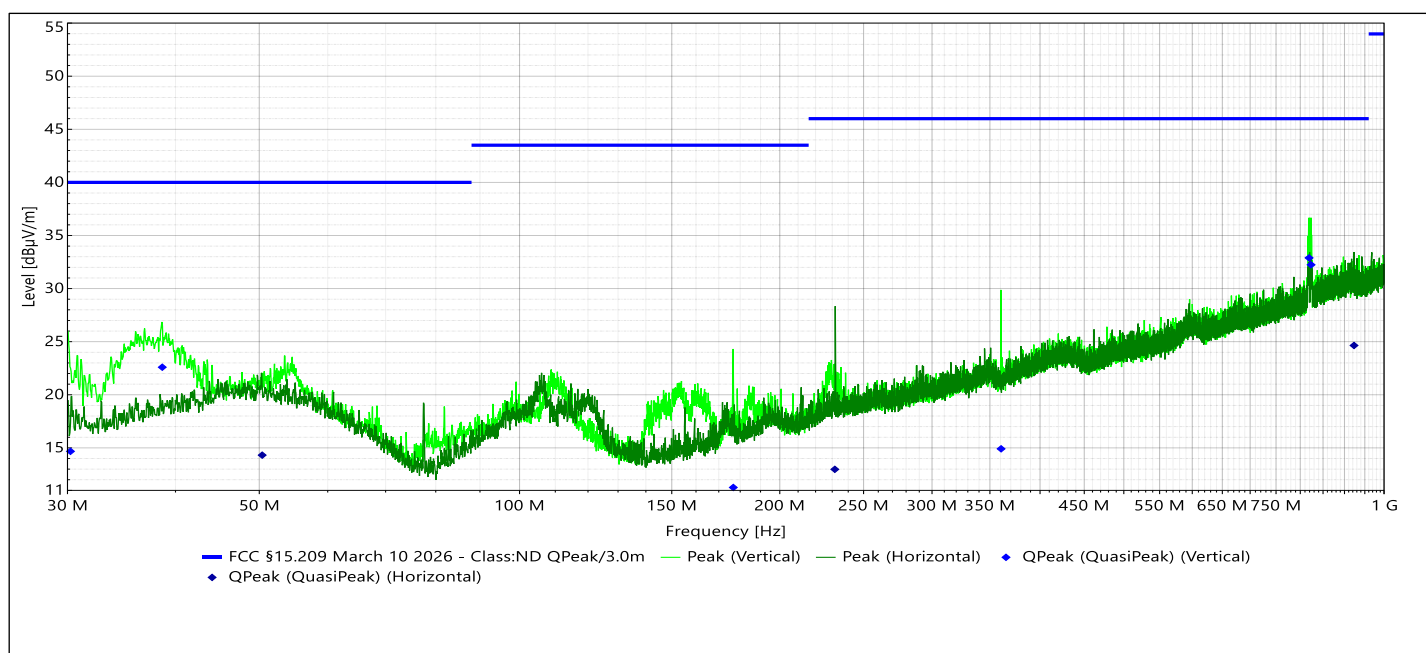
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
31350.912	50.21	73.98	-23.77	37.72	53.98	-16.25	298.00	4.00	Vertical	Pass
36462.088	50.99	73.98	-22.99	38.28	53.98	-15.70	65.00	1.03	Vertical	Pass
39618.522	52.53	73.98	-21.45	39.88	53.98	-14.10	192.00	3.77	Vertical	Pass
31459.949	50.07	73.98	-23.91	37.79	53.98	-16.19	67.00	2.20	Horizontal	Pass
36456.588	51.58	73.98	-22.40	38.37	53.98	-15.61	323.00	1.14	Horizontal	Pass
39597.804	52.87	73.98	-21.11	39.88	53.98	-14.10	224.00	3.43	Horizontal	Pass



Spurious Emissions 30M-1GHz - High Channel - 2462 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
30 MHz - 1 GHz	3m	Vertical	120 kHz	20001 Pts	Auto
30 MHz - 1 GHz	3m	Horizontal	120 kHz	20001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/30/2026	3mSAC	Rafael Aguiar Cota	26 °C	43 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-25 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-25– Radiated Emissions Test Results**

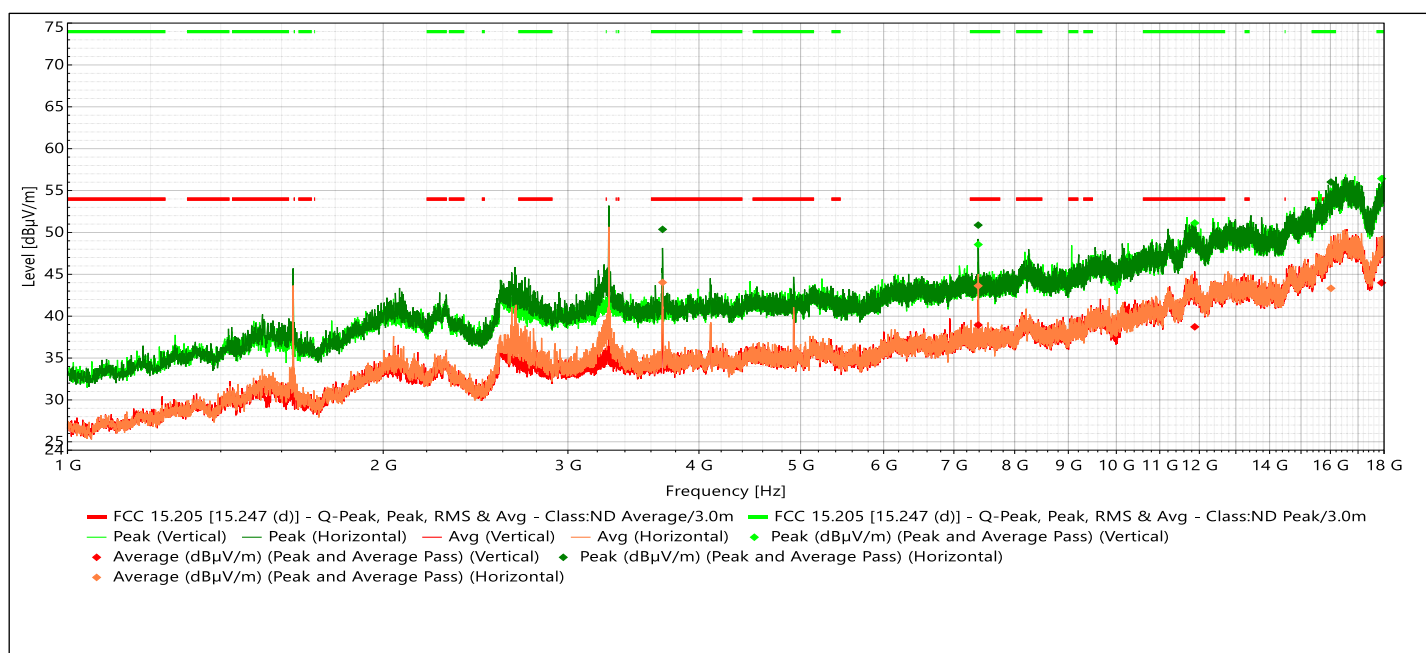
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
30.240	14.67	40.00	-25.33	47.00	1.00	Vertical	Pass
38.616	22.59	40.00	-17.41	4.00	1.00	Vertical	Pass
176.714	11.27	43.50	-32.23	275.00	2.03	Vertical	Pass
360.599	14.91	46.00	-31.09	174.00	1.00	Vertical	Pass
818.991	32.89	46.00	-13.11	276.00	1.05	Vertical	Pass
823.335	32.24	46.00	-13.76	265.00	1.13	Vertical	Pass
50.391	14.31	40.00	-25.69	349.00	2.47	Horizontal	Pass
231.585	12.98	46.00	-33.02	46.00	1.68	Horizontal	Pass
923.152	24.64	46.00	-21.36	218.00	1.00	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel 11 - 2462 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
1 GHz - 18 GHz	3m	Vertical	1 MHz	34001 Pts	200 ms
1 GHz - 18 GHz	3m	Horizontal	1 MHz	34001 Pts	200 ms

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/25/2026	3mSAC	Thierry Jean-Charles	25.1 °C	33 %	982 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-26 – Radiated Emissions Test Results

Test Notes:

- Antenna 1, 1 Mbps
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-26– Radiated Emissions Test Results**

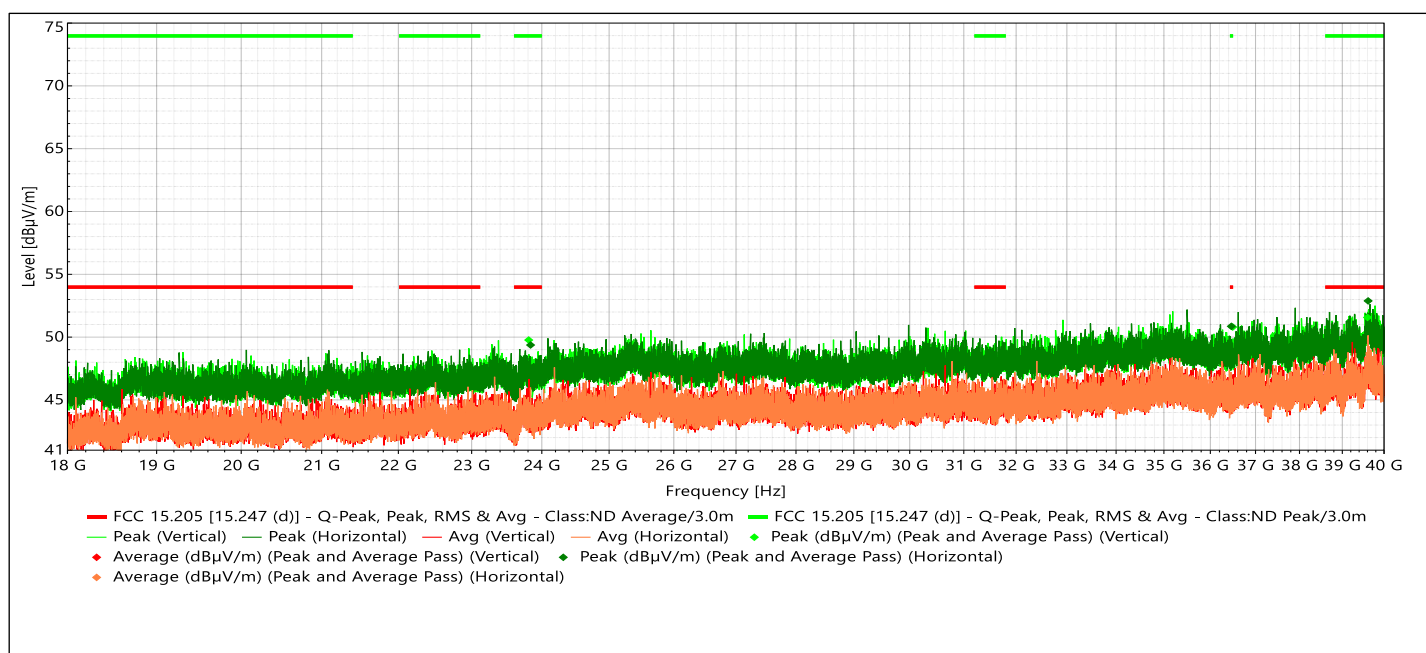
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
7385.294	48.56	73.98	-25.42	38.95	53.98	-15.03	254.00	2.97	Vertical	Pass
11879.349	51.13	73.98	-22.85	38.73	53.98	-15.25	232.00	1.00	Vertical	Pass
17903.401	56.42	73.98	-17.56	43.99	53.98	-9.99	353.00	4.00	Vertical	Pass
3692.985	50.37	73.98	-23.61	44.03	53.98	-9.95	175.00	1.52	Horizontal	Pass
7384.295	50.87	73.98	-23.10	43.63	53.98	-10.35	288.00	2.00	Horizontal	Pass
16019.195	56.02	73.98	-17.96	43.33	53.98	-10.65	280.00	4.00	Horizontal	Pass



Spurious Emissions 18 - 40GHz - High Channel 11 - 2462 MHz – 802.11b – Antenna 1

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
18 GHz - 40 GHz	3m	Vertical	1 MHz	44001 Pts	Auto
18 GHz - 40 GHz	3m	Horizontal	1 MHz	44001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/24/2026	3mSAC	Rafael Aguiar Cota	23.8 °C	35 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
Wi-Fi 802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-27 – Radiated Emissions Test Results

Test Notes:

- Antenna 1
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-27– Radiated Emissions Test Results**

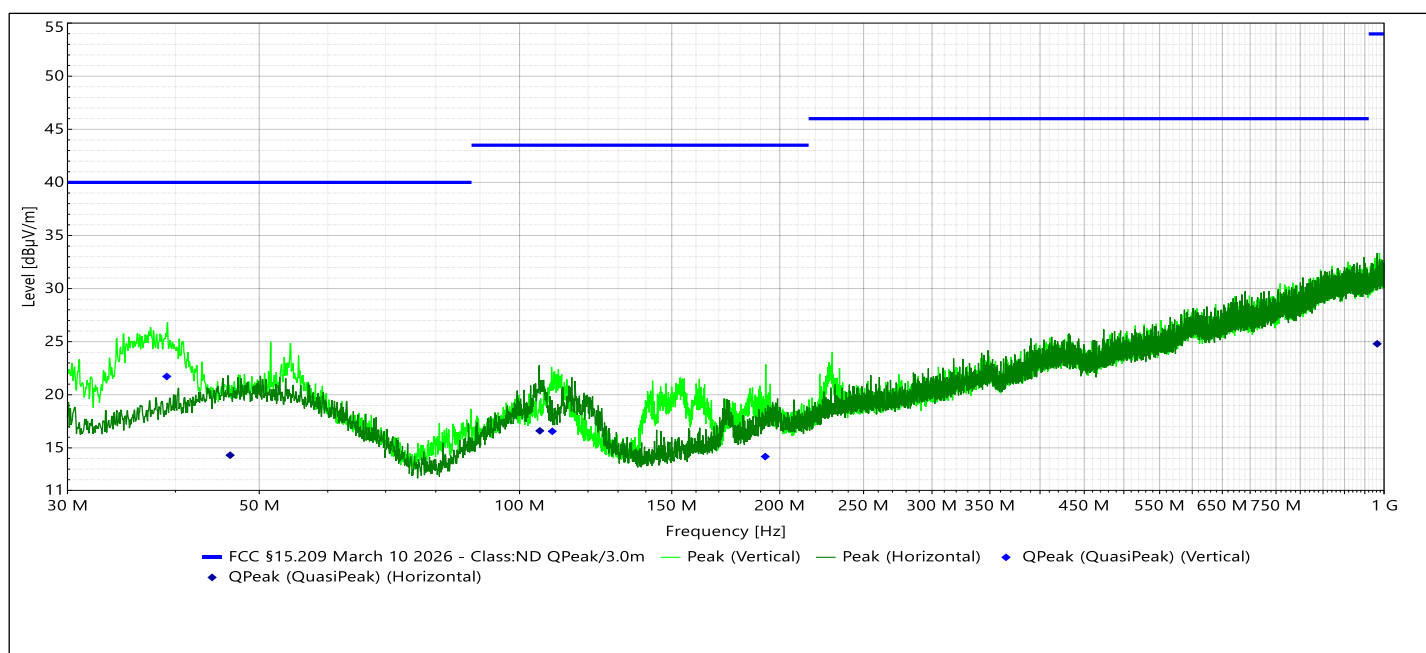
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
23810.199	49.77	73.98	-24.21	36.97	53.98	-17.01	74.00	1.00	Vertical	Pass
36491.767	50.80	73.98	-23.18	38.32	53.98	-15.66	45.00	2.79	Vertical	Pass
39601.174	51.57	73.98	-22.41	39.55	53.98	-14.43	344.00	3.40	Vertical	Pass
23836.920	49.37	73.98	-24.61	36.82	53.98	-17.16	47.00	2.02	Horizontal	Pass
36461.765	50.86	73.98	-23.12	38.40	53.98	-15.58	213.00	3.38	Horizontal	Pass
39615.557	52.88	73.98	-21.10	40.03	53.98	-13.95	206.00	1.89	Horizontal	Pass



Spurious Emissions 30M-1GHz - Low Channel - 2412 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
30 MHz - 1 GHz	3m	Vertical	120 kHz	20001 Pts	Auto
30 MHz - 1 GHz	3m	Horizontal	120 kHz	20001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/30/2026	3mSAC	Rafael Aguiar Cota	26 °C	43 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-28 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.



Table 2.8.8.1-28– Radiated Emissions Test Results

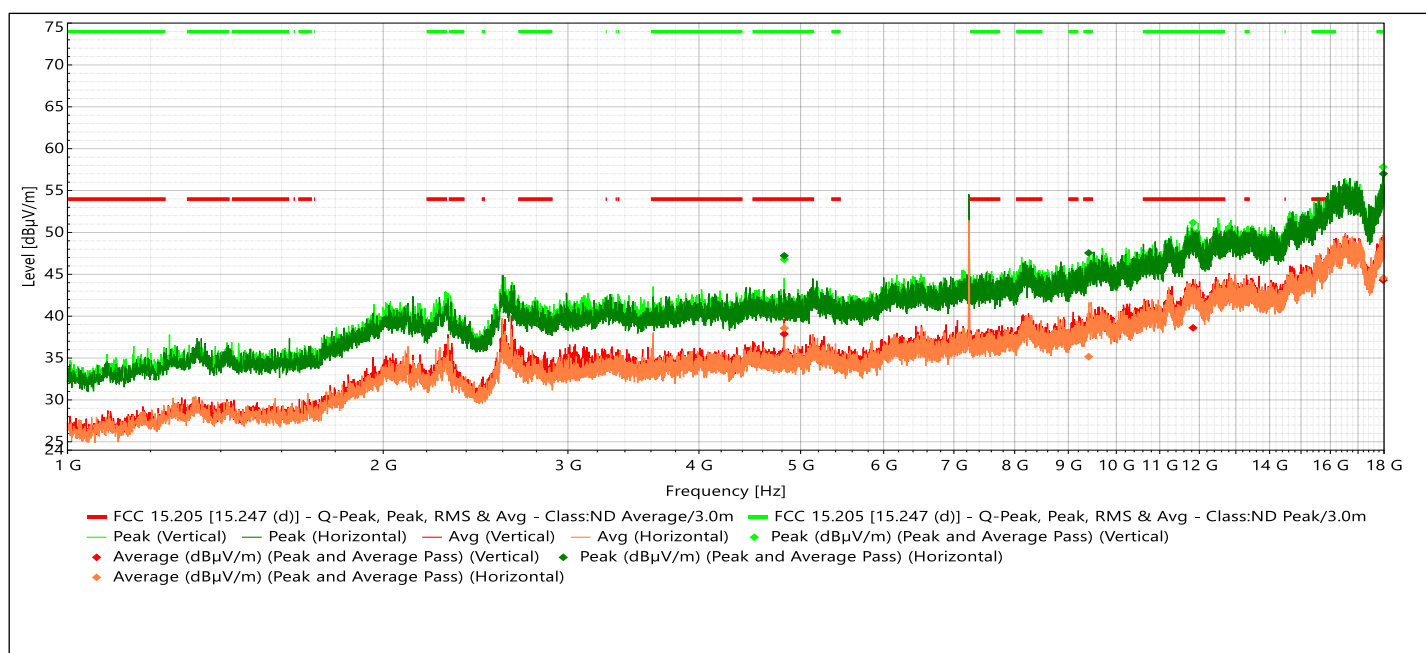
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
39.080	21.72	40.00	-18.28	360.00	1.00	Vertical	Pass
109.124	16.56	43.50	-26.94	300.00	1.00	Vertical	Pass
192.418	14.18	43.50	-29.32	280.00	1.00	Vertical	Pass
46.268	14.31	40.00	-25.69	213.00	1.00	Horizontal	Pass
105.561	16.61	43.50	-26.89	198.00	3.16	Horizontal	Pass
981.848	24.80	53.98	-29.18	52.00	4.00	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel 1 - 2412 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
1 GHz - 18 GHz	3m	Vertical	1 MHz	34001 Pts	200 ms
1 GHz - 18 GHz	3m	Horizontal	1 MHz	34001 Pts	200 ms

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/25/2026	3mSAC	Thierry Jean-Charles	25.5 °C	32 %	985 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-29 – Radiated Emissions Test Results

Test Notes:

- Antenna 2, 1 Mbps
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-29– Radiated Emissions Test Results**

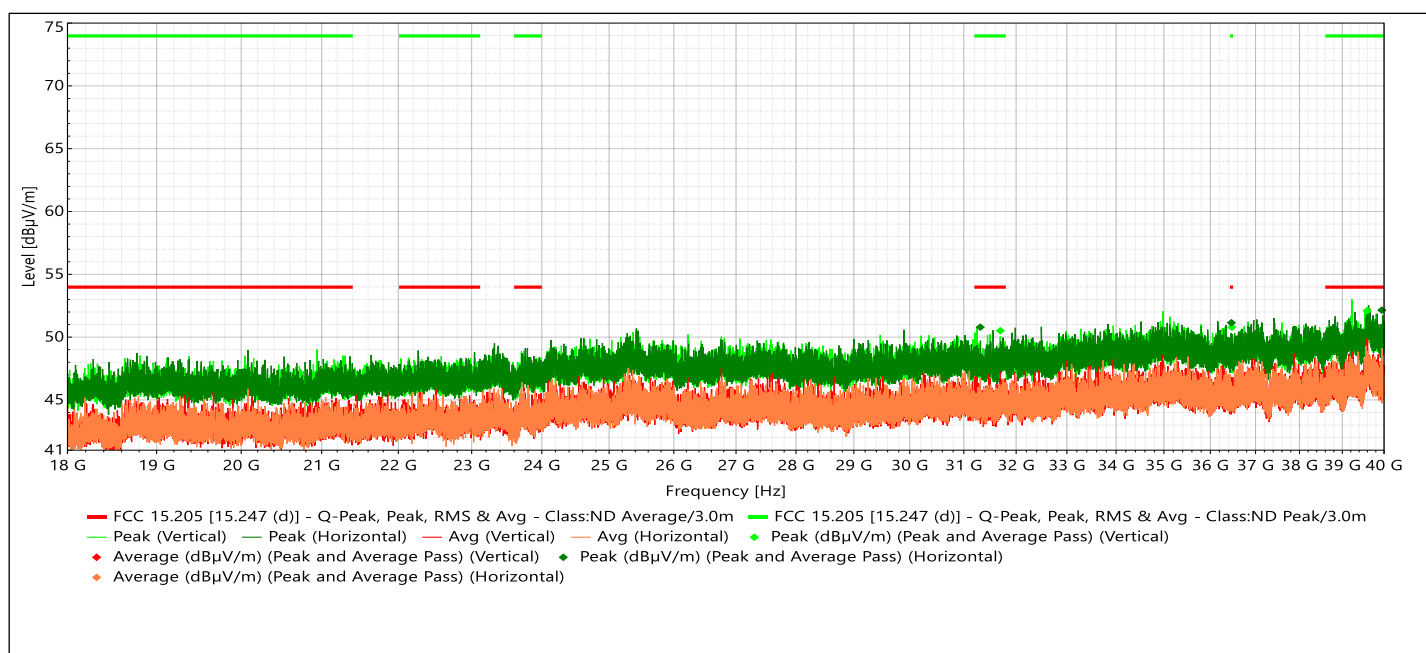
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
4823.979	46.79	73.98	-27.19	37.88	53.98	-16.10	70.00	1.00	Vertical	Pass
11835.617	51.17	73.98	-22.81	38.61	53.98	-15.37	240.00	1.00	Vertical	Pass
17964.086	57.82	73.98	-16.16	44.30	53.98	-9.68	30.00	3.87	Vertical	Pass
4823.979	47.21	73.98	-26.77	38.57	53.98	-15.41	150.00	2.50	Horizontal	Pass
9411.635	47.55	73.98	-26.43	35.16	53.98	-18.82	304.00	1.00	Horizontal	Pass
17976.675	57.01	73.98	-16.97	44.55	53.98	-9.43	167.00	3.81	Horizontal	Pass



Spurious Emissions 18 - 40GHz - Low Channel 1 - 2412 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
18 GHz - 40 GHz	3m	Vertical	1 MHz	44001 Pts	Auto
18 GHz - 40 GHz	3m	Horizontal	1 MHz	44001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/24/2026	3mSAC	Rafael Aguiar Cota	23.8 °C	35 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
Wi-Fi 802.11b	2412 MHz	1	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-30 – Radiated Emissions Test Results

Test Notes:

- Antenna 2 1Mbps
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-30– Radiated Emissions Test Results**

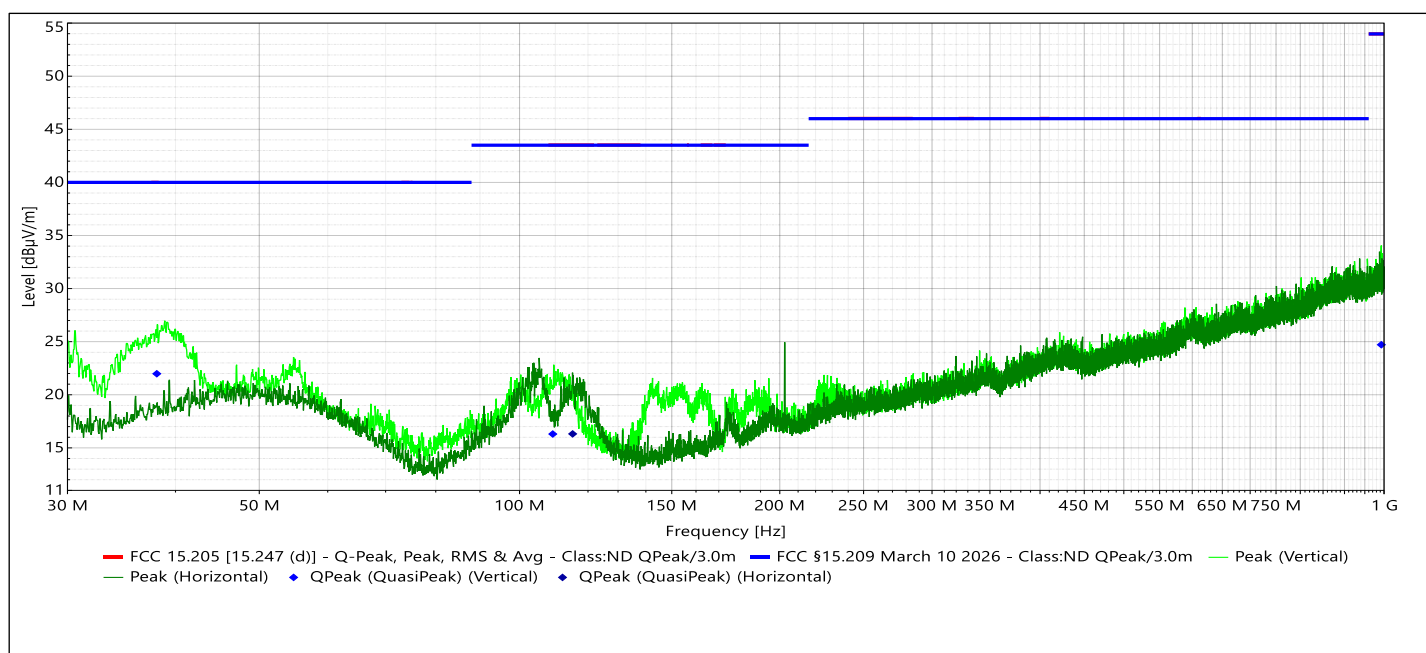
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
31694.624	50.51	73.98	-23.47	37.91	53.98	-16.07	60.00	2.50	Vertical	Pass
36472.817	50.79	73.98	-23.19	38.32	53.98	-15.66	0.00	1.00	Vertical	Pass
39592.444	52.10	73.98	-21.87	39.44	53.98	-14.54	227.00	1.97	Vertical	Pass
31311.145	50.79	73.98	-23.19	37.85	53.98	-16.13	137.00	2.94	Horizontal	Pass
36462.472	51.14	73.98	-22.84	38.37	53.98	-15.61	153.00	2.50	Horizontal	Pass
39945.350	52.15	73.98	-21.83	39.58	53.98	-14.40	254.00	2.50	Horizontal	Pass



Spurious Emissions 30M-1GHz -mid Channel - 2437 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
30 MHz - 1 GHz	3m	Vertical	120 kHz	20001 Pts	Auto
30 MHz - 1 GHz	3m	Horizontal	120 kHz	20001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/30/2026	3mSAC	Thierry Jean-Charles	26 °C	43 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15/FCC §15.209	Pass

Figure 2.8.8.1-31 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-31– Radiated Emissions Test Results**

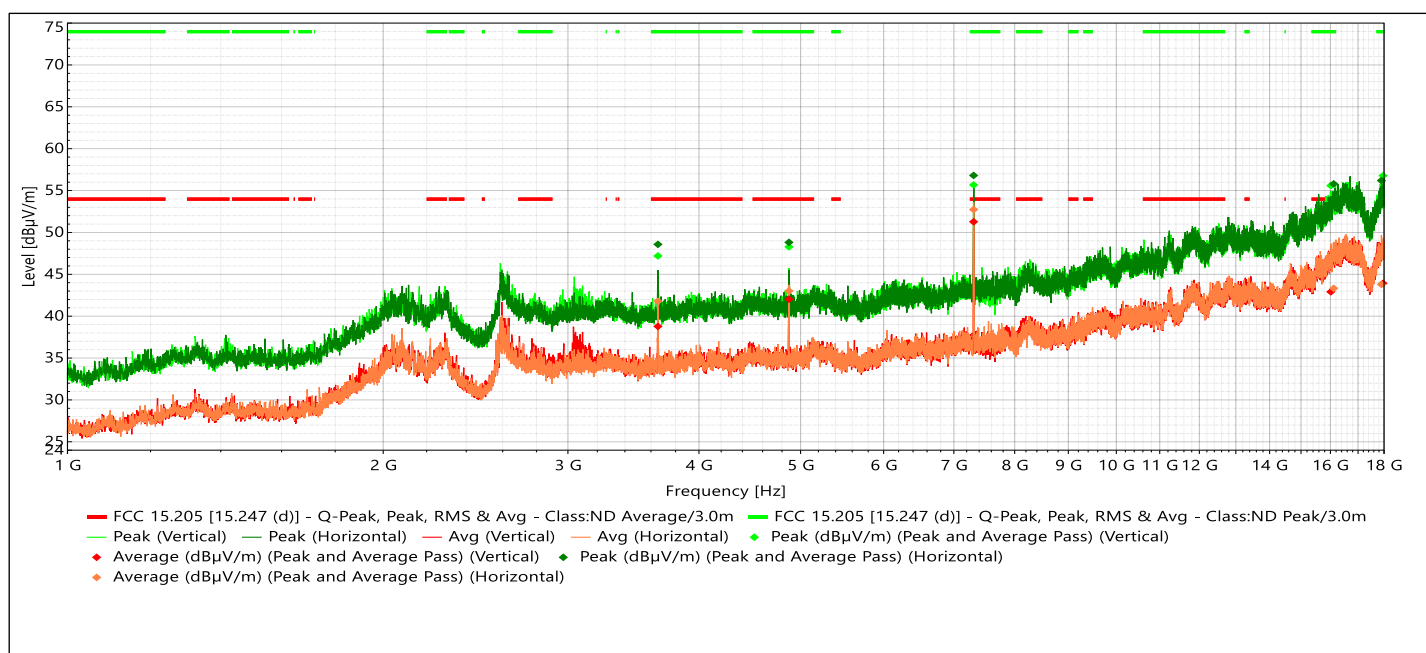
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
38.057	21.98	40.00	-18.02	356.00	1.00	Vertical	Pass
109.259	16.30	43.50	-27.20	301.00	1.00	Vertical	Pass
992.767	24.71	53.98	-29.27	349.00	1.08	Vertical	Pass
115.198	16.32	43.50	-27.18	188.00	2.50	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel 6 - 2437 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
1 GHz - 18 GHz	3m	Vertical	1 MHz	34001 Pts	200 ms
1 GHz - 18 GHz	3m	Horizontal	1 MHz	34001 Pts	200 ms

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
7/9/2026	3mSAC	Thierry Jean-Charles	24.2 °C	33 %	980 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-32 – Radiated Emissions Test Results

Test Notes:

- Antenna 2, 1 Mbps
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-32– Radiated Emissions Test Results**

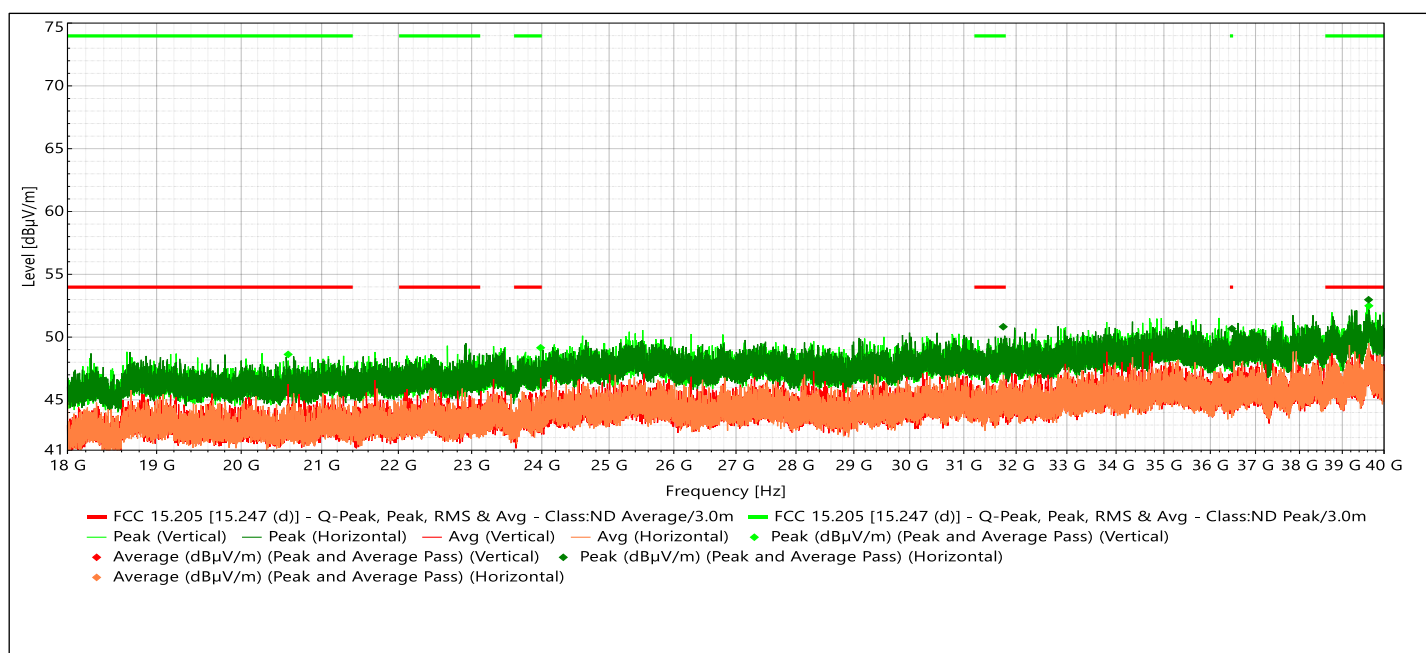
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
3655.484	47.20	73.98	-26.78	38.78	53.98	-15.20	103.00	3.10	Vertical	Pass
4873.977	48.28	73.98	-25.70	42.02	53.98	-11.96	89.00	2.02	Vertical	Pass
7310.294	55.67	73.98	-18.31	51.27	53.98	-2.71	159.00	1.60	Vertical	Pass
16014.372	55.59	73.98	-18.39	42.91	53.98	-11.07	337.00	1.00	Vertical	Pass
17959.068	56.78	73.98	-17.20	43.92	53.98	-10.06	280.00	2.50	Vertical	Pass
3655.483	48.58	73.98	-25.40	41.78	53.98	-12.20	216.00	2.62	Horizontal	Pass
4873.977	48.81	73.98	-25.17	43.01	53.98	-10.97	152.00	2.37	Horizontal	Pass
7310.293	56.81	73.98	-17.17	52.73	53.98	-1.25	179.00	2.10	Horizontal	Pass
16115.302	55.80	73.98	-18.18	43.32	53.98	-10.66	337.00	1.00	Horizontal	Pass
17895.257	56.20	73.98	-17.78	43.80	53.98	-10.18	325.00	1.00	Horizontal	Pass



Spurious Emissions 18 - 40GHz - Mid Channel 6 - 2437 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
18 GHz - 40 GHz	3m	Vertical	1 MHz	44001 Pts	Auto
18 GHz - 40 GHz	3m	Horizontal	1 MHz	44001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/24/2026	3mSAC	Rafael Aguiar Cota	23.8 °C	35 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
Wi-Fi 802.11b	2437 MHz	6	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-33 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-33– Radiated Emissions Test Results**

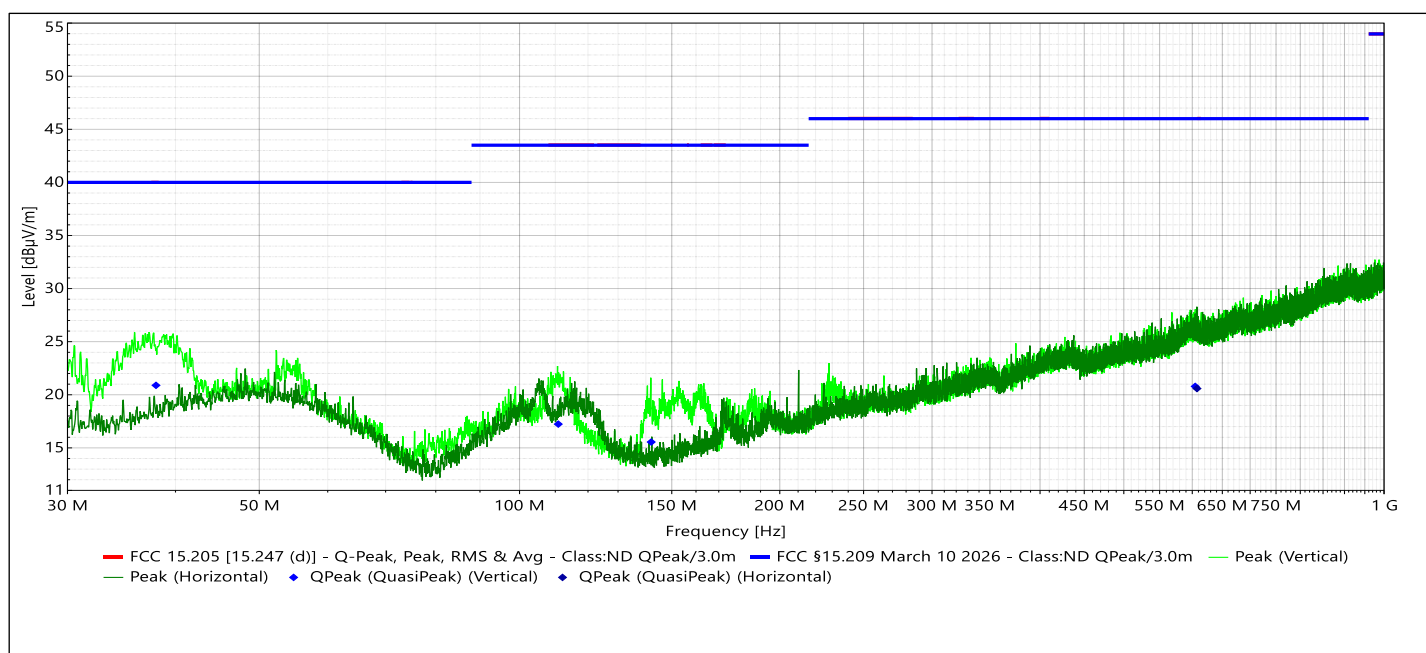
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
20577.675	48.62	73.98	-25.35	36.34	53.98	-17.64	75.00	2.48	Vertical	Pass
23982.896	49.15	73.98	-24.83	36.82	53.98	-17.16	308.00	2.50	Vertical	Pass
39633.081	52.49	73.98	-21.48	39.78	53.98	-14.20	329.00	3.72	Vertical	Pass
31750.806	50.82	73.98	-23.15	38.36	53.98	-15.62	214.00	1.39	Horizontal	Pass
36472.920	50.67	73.98	-23.31	38.38	53.98	-15.60	12.00	2.50	Horizontal	Pass
39626.256	52.98	73.98	-21.00	40.16	53.98	-13.81	7.00	1.00	Horizontal	Pass



Spurious Emissions 30M-1GHz -High Channel - 2462 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
30 MHz - 1 GHz	3m	Vertical	120 kHz	20001 Pts	Auto
30 MHz - 1 GHz	3m	Horizontal	120 kHz	20001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/30/2026	3mSAC	Rafael Aguiar Cota	25.5 °C	39 %	977 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15/FCC §15.209	

Figure 2.8.8.1-34 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-34– Radiated Emissions Test Results**

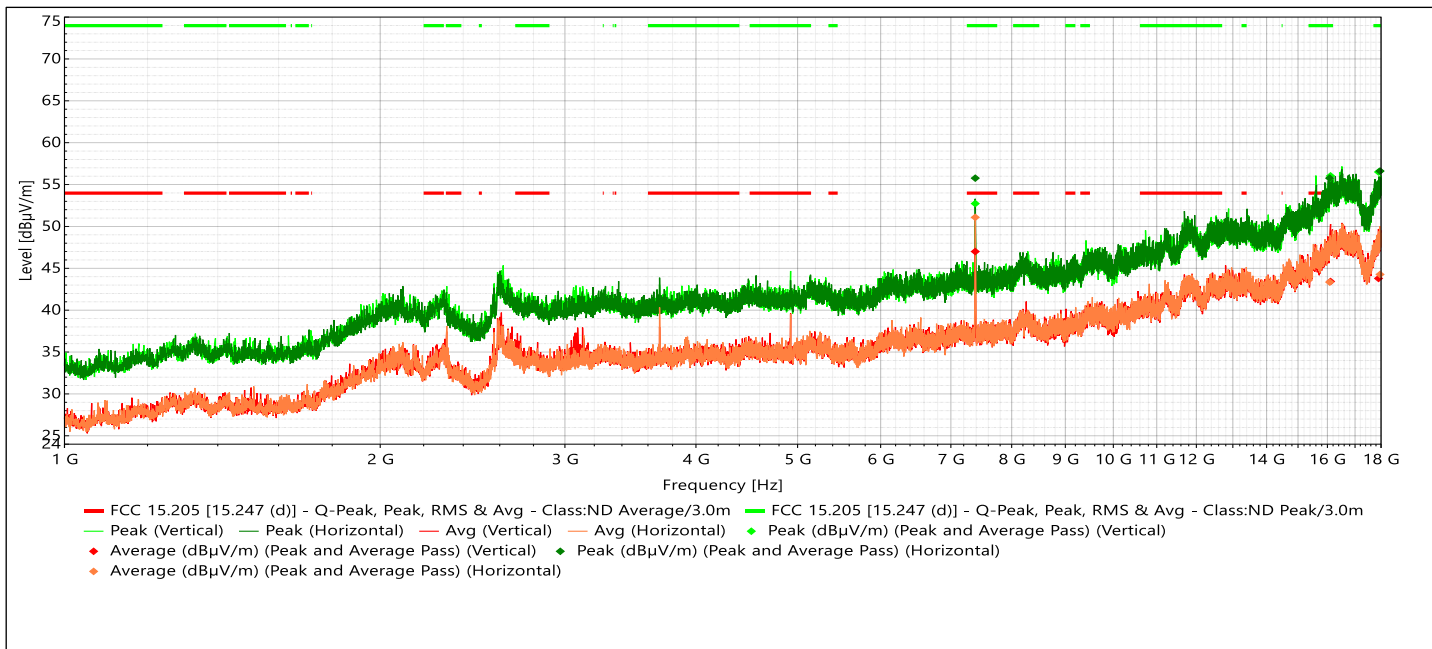
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
37.977	20.89	40.00	-19.11	300.00	1.00	Vertical	Pass
110.873	17.24	43.50	-26.26	300.00	1.00	Vertical	Pass
142.011	15.55	43.50	-27.95	225.00	1.00	Vertical	Pass
604.744	20.79	46.00	-25.21	188.00	2.50	Vertical	Pass
607.601	20.59	46.00	-25.41	199.00	2.42	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel 11 - 2462 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
1 GHz - 18 GHz	3m	Vertical	1 MHz	34001 Pts	200 ms
1 GHz - 18 GHz	3m	Horizontal	1 MHz	34001 Pts	200 ms

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/25/2026	3mSAC	Thierry Jean-Charles	25.5 °C	32 %	985 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G Wi-Fi 802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-35 – Radiated Emissions Test Results

Test Notes:

- Antenna 2, 1 Mbps
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-35– Radiated Emissions Test Results**

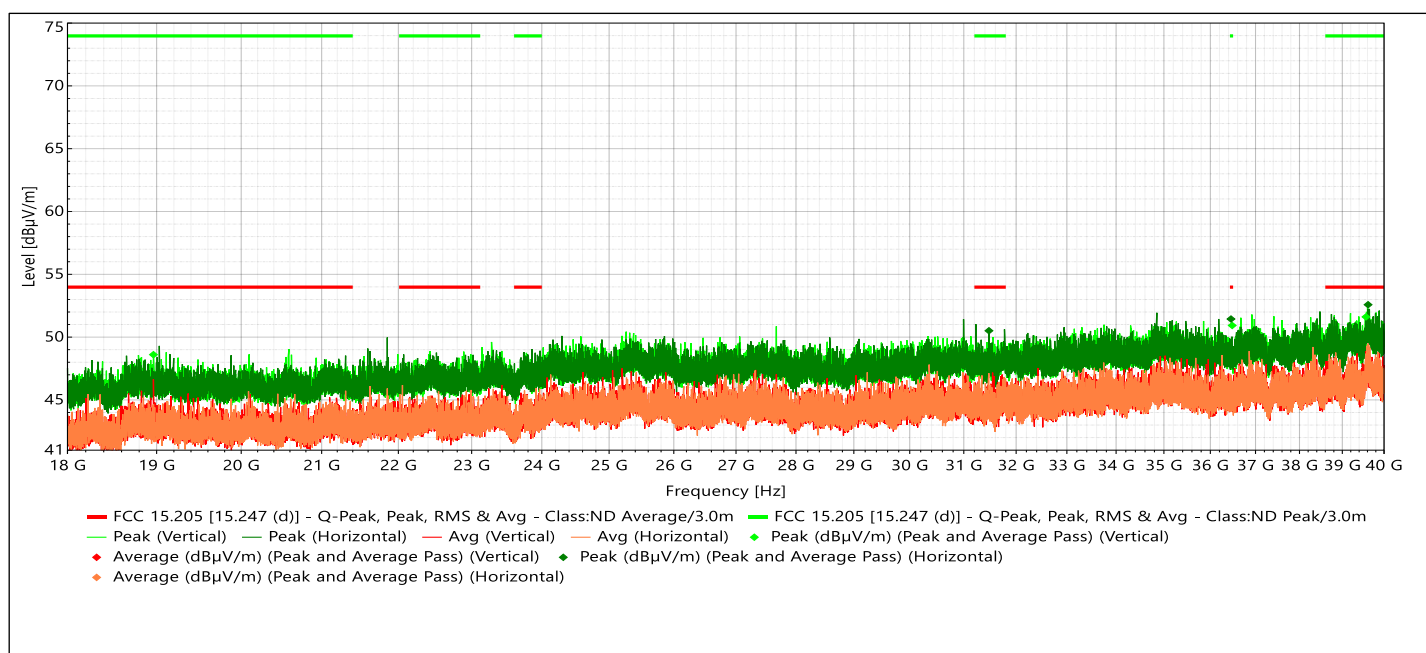
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
7385.296	52.73	73.98	-21.25	47.00	53.98	-6.98	140.00	1.67	Vertical	Pass
16110.057	56.04	73.98	-17.94	43.43	53.98	-10.55	256.00	2.50	Vertical	Pass
17900.085	56.50	73.98	-17.47	43.79	53.98	-10.19	92.00	2.50	Vertical	Pass
7385.296	55.77	73.98	-18.21	51.09	53.98	-2.89	87.00	1.67	Horizontal	Pass
16079.194	55.76	73.98	-18.22	43.35	53.98	-10.63	360.00	4.00	Horizontal	Pass
17960.040	56.61	73.98	-17.37	44.27	53.98	-9.71	288.00	3.94	Horizontal	Pass



Spurious Emissions 18 - 40GHz - High Channel 11 - 2462 MHz – 802.11b – Antenna 2

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
18 GHz - 40 GHz	3m	Vertical	1 MHz	44001 Pts	Auto
18 GHz - 40 GHz	3m	Horizontal	1 MHz	44001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/24/2026	3mSAC	Rafael Aguiar Cota	23.8 °C	35 %	986 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
Wi-Fi 802.11b	2462 MHz	11	TX	Y-axis	FCC Part 15.205 [15.247 (d)]	Pass

Figure 2.8.8.1-36 – Radiated Emissions Test Results

Test Notes:

- Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.8.8.1-36– Radiated Emissions Test Results**

Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
18963.325	48.60	73.98	-25.38	36.22	53.98	-17.76	150.00	3.91	Vertical	Pass
36480.755	50.93	73.98	-23.05	38.36	53.98	-15.62	261.00	1.00	Vertical	Pass
39563.733	51.61	73.98	-22.37	39.01	53.98	-14.97	233.00	4.00	Vertical	Pass
31476.644	50.51	73.98	-23.47	37.89	53.98	-16.09	330.00	1.00	Horizontal	Pass
36453.309	51.44	73.98	-22.54	38.36	53.98	-15.62	243.00	3.32	Horizontal	Pass
39614.078	52.58	73.98	-21.40	40.08	53.98	-13.90	171.00	1.00	Horizontal	Pass