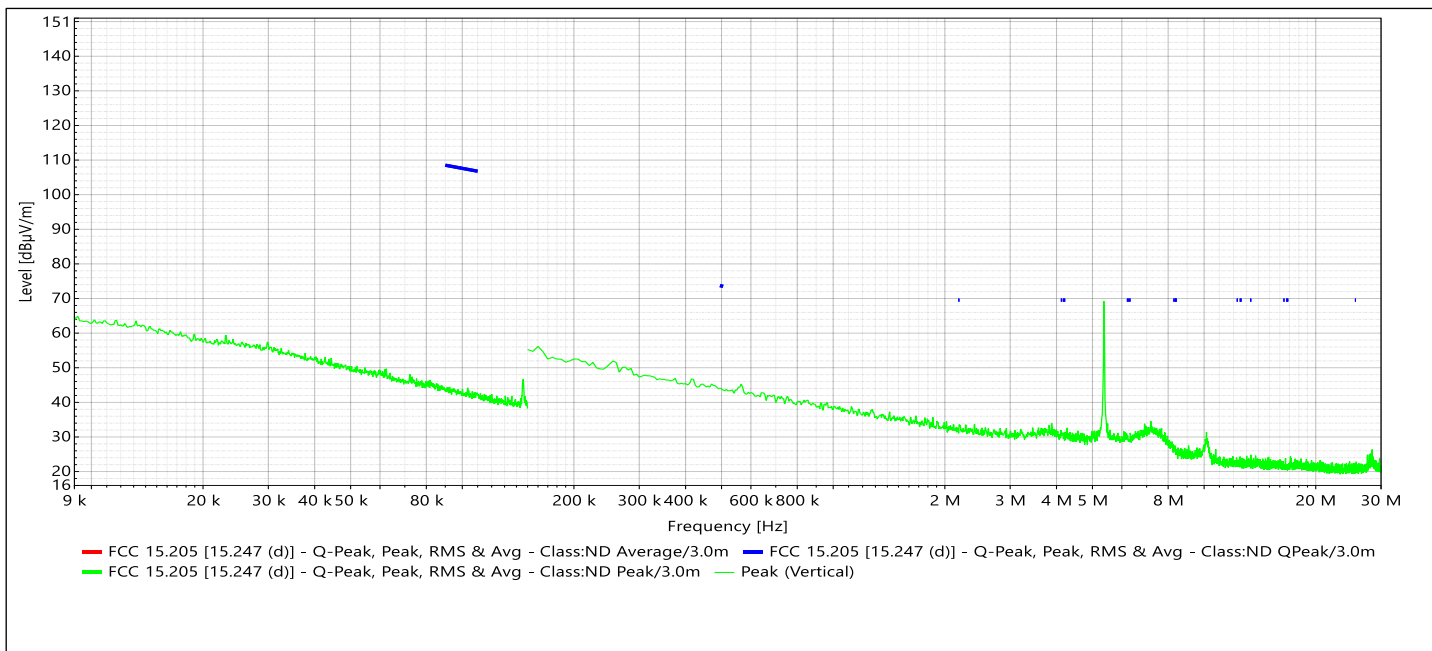




Spurious - 9kHz-30MHz -Channel Low 11 - 2405 MHz - Vertical Co-Axial

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
6/16/2026	3mSAC	Rafael Aguiar Cota	24.4 °C	30 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2405 MHz	11	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-19 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-19– Radiated Emissions Test Results

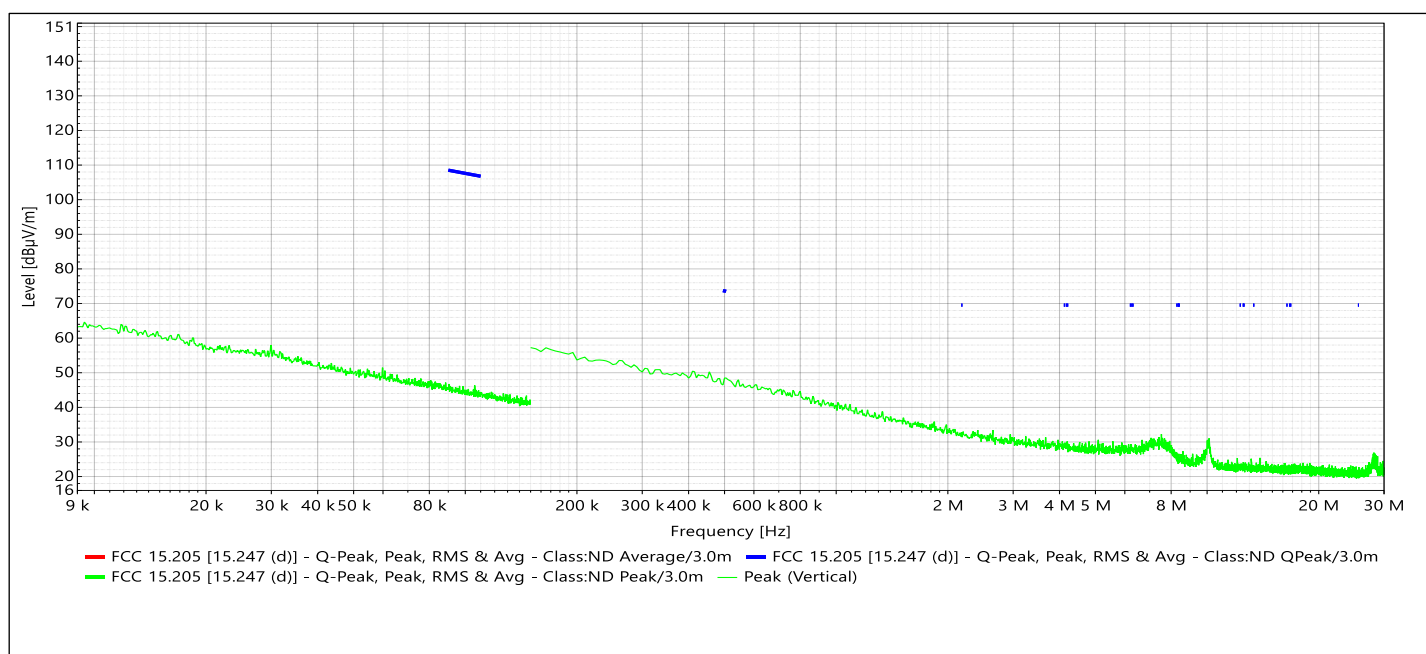
Frequency (MHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.508	46.43	----	----	33.52	----	----	241.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz -Channel Low 11 - 2405 MHz - 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
6/16/2026	3mSAC	Rafael Aguiar Cota	23.9 °C	28 %	970 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6 1 Mbps	2405 MHz	11	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-20 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-20– Radiated Emissions Test Results

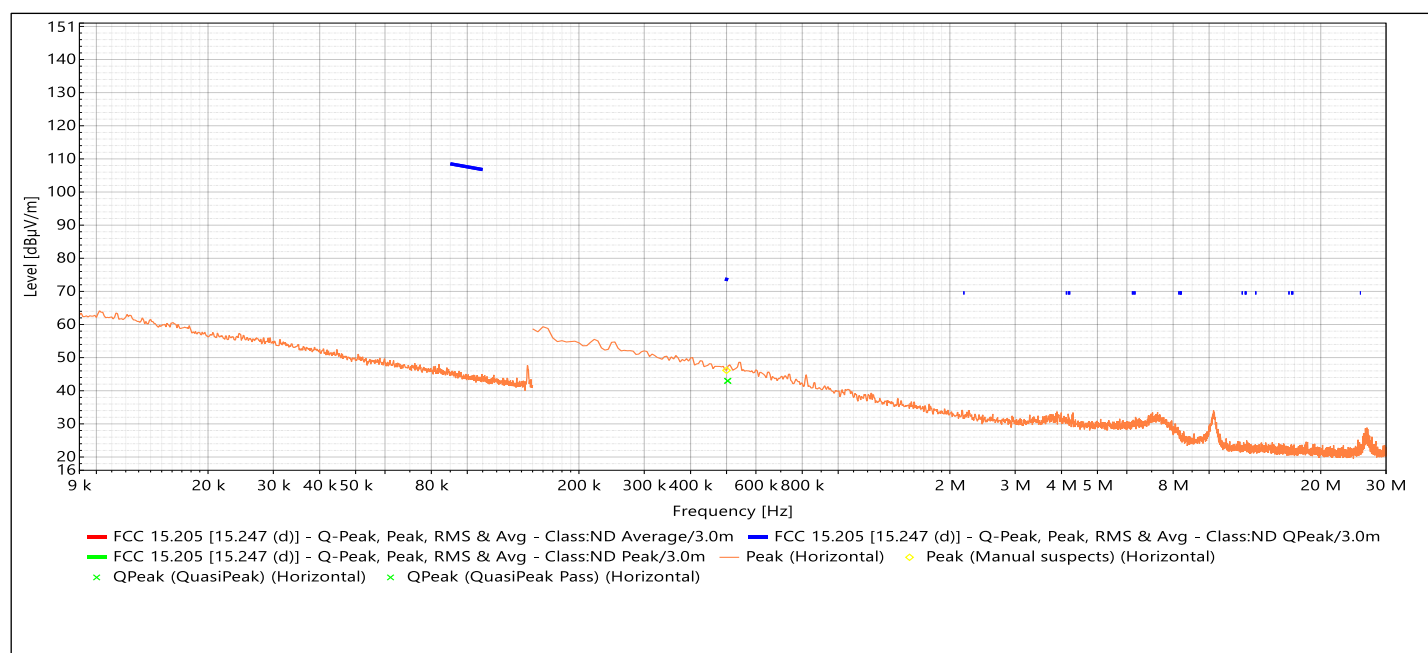
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.499	43.53	73.62	-30.09	170.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz -Channel Low 11 - 2405 MHz - 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
6/16/2026	3mSAC	Rafael Aguiar Cota	24.4 °C	30 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2405 MHz	11	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-21 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-21– Radiated Emissions Test Results

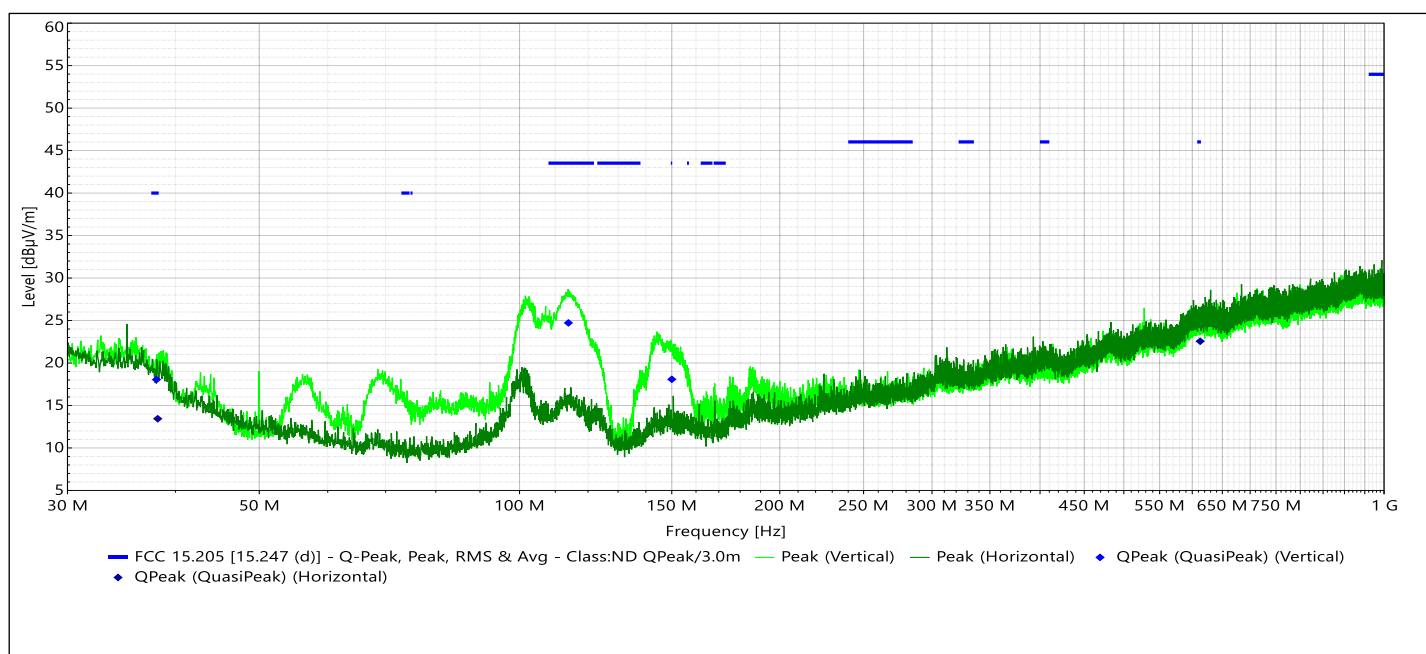
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.504	42.99	73.54	-30.55	184.00	1.00	Horizontal	Pass



Spurious Emissions 30M-1GHz - Channel 11 2405 MHz

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
6/13/2026	STS	Rafael Aguiar Cota	24.1 °C	35 %	976 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G RF6	2405 MHz	11	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-22 – Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.7.8-22– Radiated Emissions Test Results**

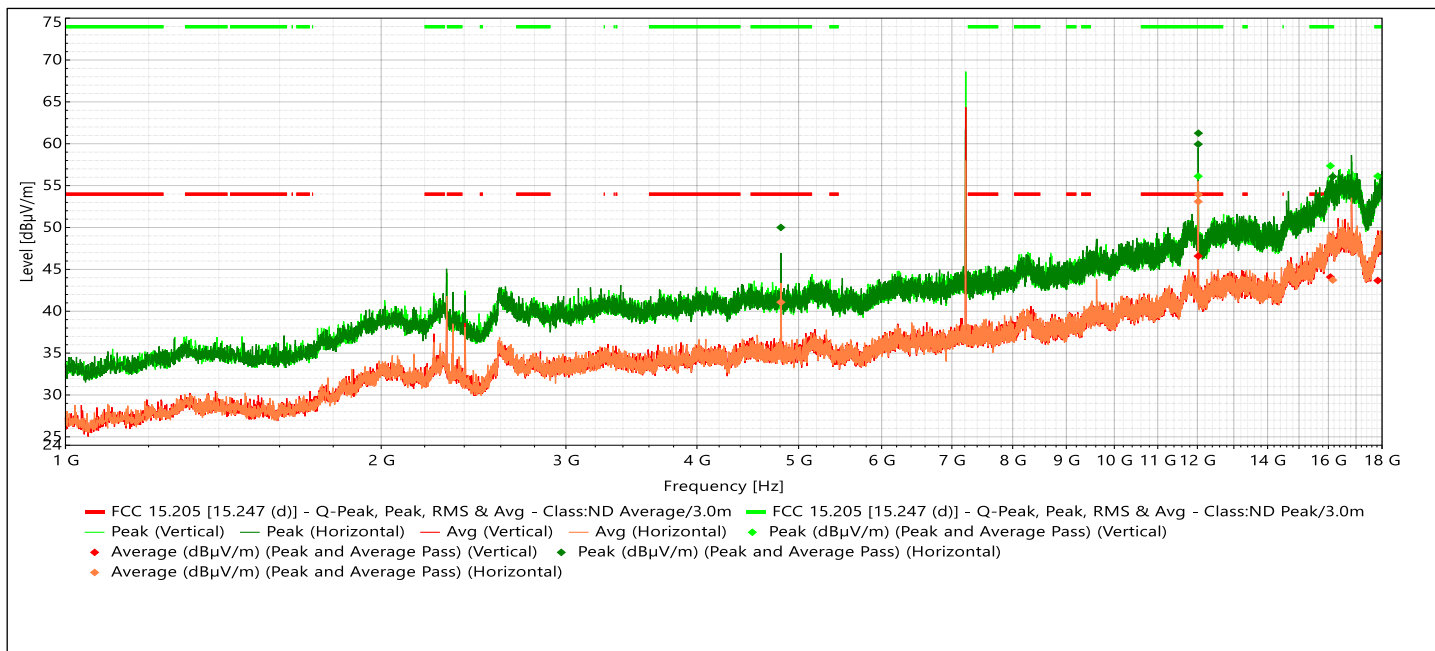
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
38.027	18.05	40.00	-21.95	256.00	1.00	Vertical	Pass
113.906	24.72	43.52	-18.80	333.00	1.00	Vertical	Pass
150.024	18.08	43.52	-25.44	250.00	1.00	Vertical	Pass
38.149	13.44	40.00	-26.56	274.00	4.00	Horizontal	Pass
612.832	22.56	46.02	-23.46	11.00	4.00	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel Low 11 - 2405 MHz

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
6/10/2026	3mSAC	Duranta K. Barua	26.8 °C	39 %	968 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G RF6	2405 MHz	11	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-23 – Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.
- A duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB was applied to the peak values for the average levels related to the fundamental. The other average levels were measured directly using a spectrum analyzer.

**Table 2.7.8-23– Radiated Emissions Test Results**

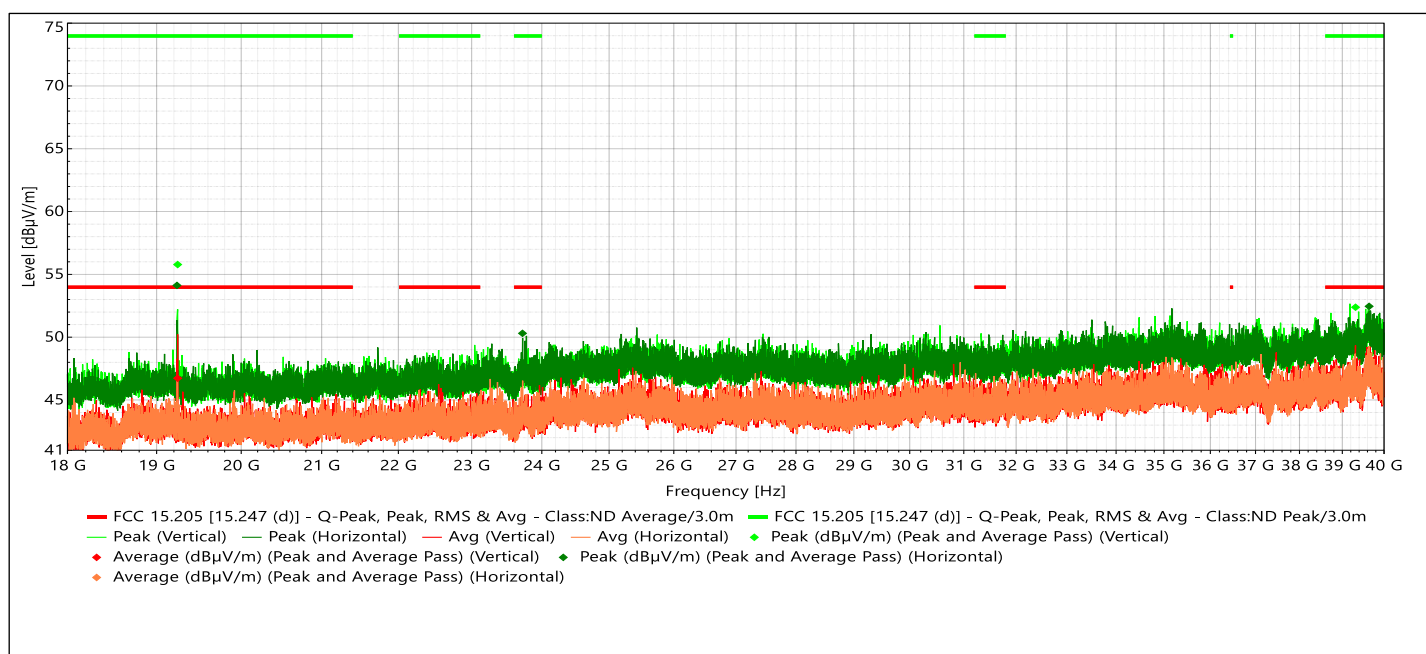
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
12022.425	56.12	73.98	-17.85	32.99	53.98	-20.99	135.00	1.00	Vertical	Pass
16070.134	57.36	73.98	-16.62	44.08	53.98	-9.90	360.00	1.00	Vertical	Pass
17833.740	56.14	73.98	-17.84	43.66	53.98	-10.32	148.00	1.00	Vertical	Pass
4808.947	50.01	73.98	-23.97	26.88	53.98	-27.10	155.00	2.27	Horizontal	Pass
12022.805	59.95	73.98	-14.03	36.82	53.98	-17.16	233.00	3.69	Horizontal	Pass
12027.305	61.26	73.98	-12.72	38.13	53.98	-15.85	225.00	3.28	Horizontal	Pass
16154.444	56.08	73.98	-17.90	43.72	53.98	-10.26	95.00	1.00	Horizontal	Pass



Spurious Emissions 18 - 40GHz - Channel Low 11 - 2405 MHz

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
6/11/2026	3mSAC	Rafael Aguiar Cota	24.5 °C	34 %	974 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2405 MHz	0	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-24 – Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.
- A duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB was applied to the peak values for the average levels related to the fundamental. The other average levels were measured directly using a spectrum analyzer.
-

**Table 2.7.8-24– Radiated Emissions Test Results**

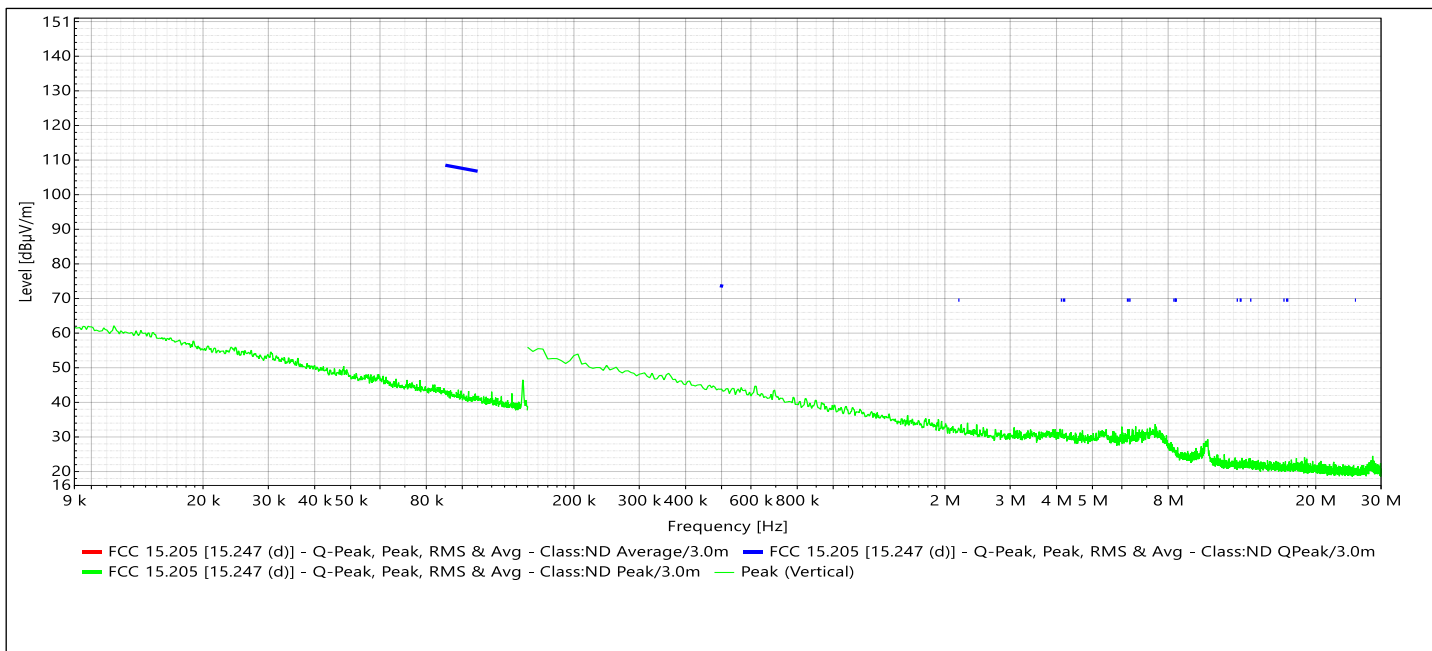
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
19243.786	55.78	73.98	-18.20	32.65	53.98	-21.33	159.00	1.00	Vertical	Pass
39314.004	52.38	73.98	-21.60	39.77	53.98	-14.21	156.00	4.00	Vertical	Pass
19235.787	54.12	73.98	-19.86	30.99	53.98	-22.99	144.00	4.00	Horizontal	Pass
23720.502	50.31	73.98	-23.67	37.41	53.98	-16.57	356.00	4.00	Horizontal	Pass
39639.272	52.46	73.98	-21.52	40.00	53.98	-13.98	356.00	4.00	Horizontal	Pass



Spurious - 9kHz-30MHz -Channel Mid 18 - 2440 MHz - 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
6/16/2026	3mSAC	Rafael Aguiar Cota	24.4 °C	30 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2440 MHz	18	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-25 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-25– Radiated Emissions Test Results

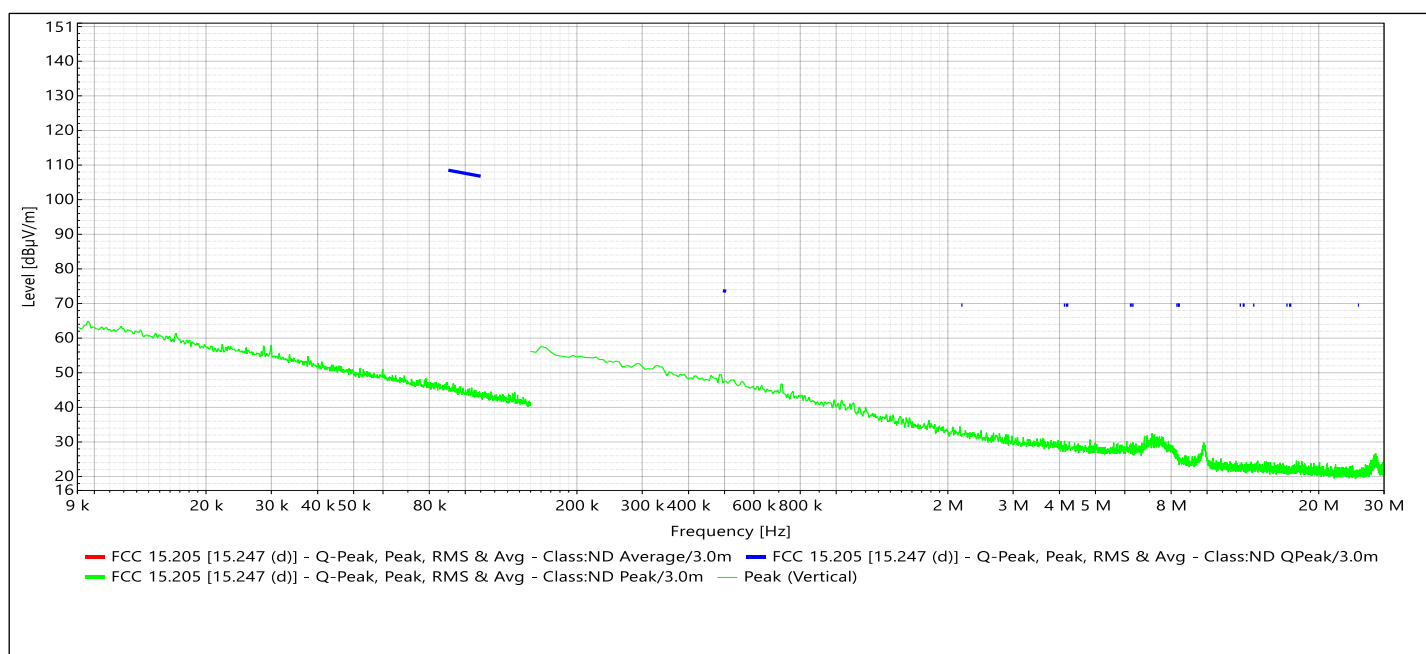
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.503	39.16	73.54	-34.38	13.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz -Channel Mid 18 - 2440 MHz - 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
6/16/2026	3mSAC	Rafael Aguiar Cota	23.9 °C	28 %	970 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2440 MHz	18	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-26 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-26– Radiated Emissions Test Results

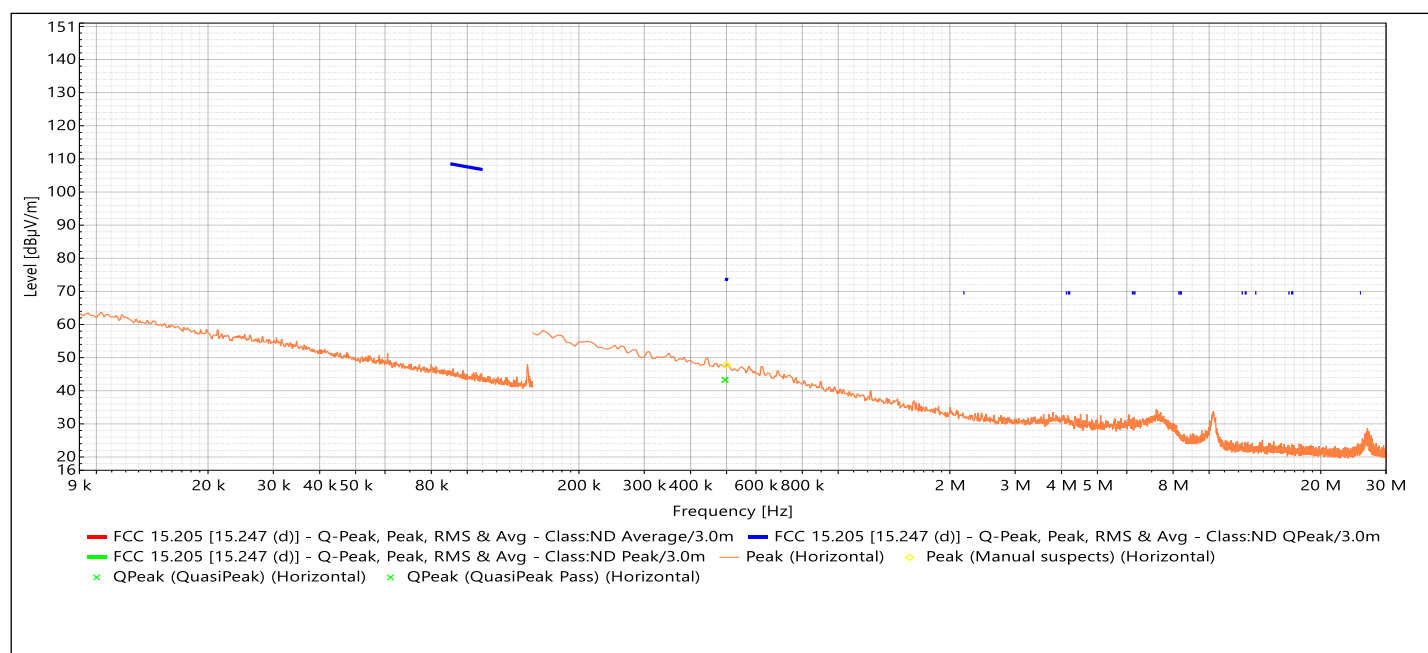
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.505	43.45	73.54	-30.09	127.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel mid 18 - 2440 MHz - 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
6/16/2026	3mSAC	Rafael Aguiar Cota	24.6 °C	30 %	974 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2440 MHz	18	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-27 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-27– Radiated Emissions Test Results

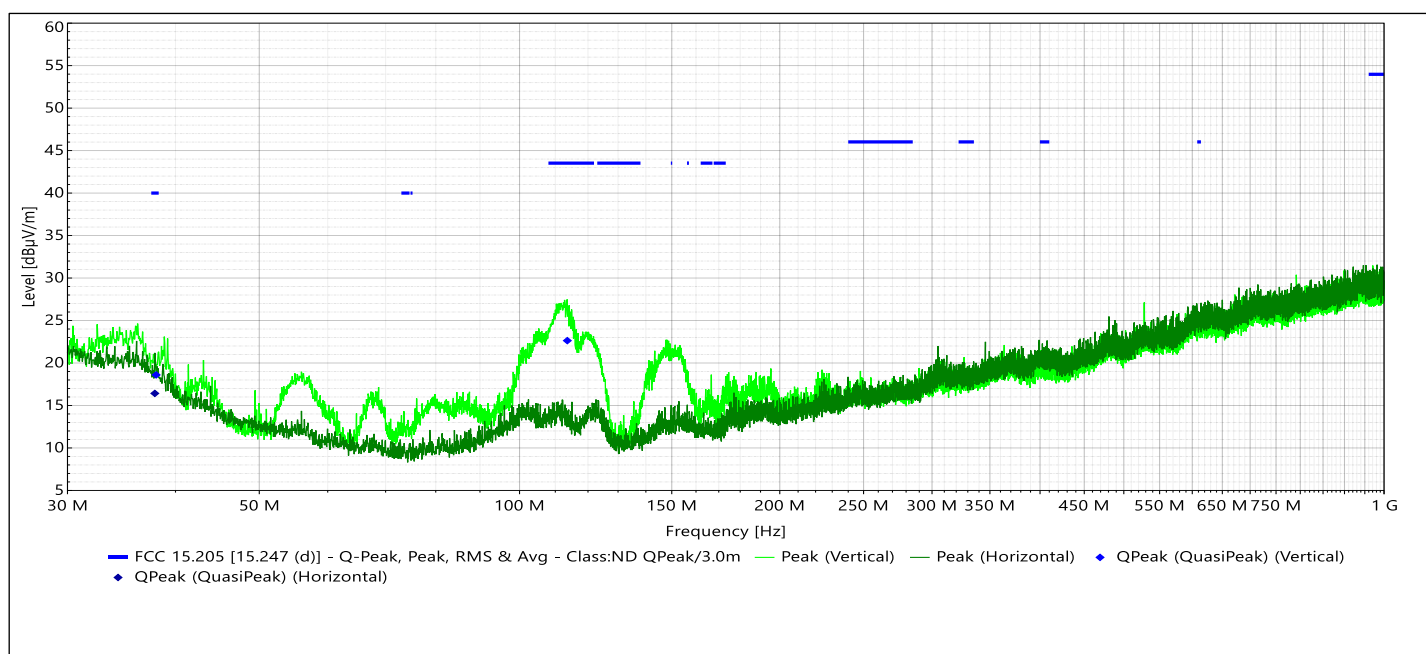
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.495	43.31	73.71	-30.40	98.00	1.00	Horizontal	Pass



Spurious Emissions 30M-1GHz - Channel 18 - 2440 MHz

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
6/13/2026	STS	Rafael Aguiar Cota	24.1 °C	35 %	976 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G RF6	2440 MHz	18	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-28 – Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

Table 2.7.8-28– Radiated Emissions Test Results

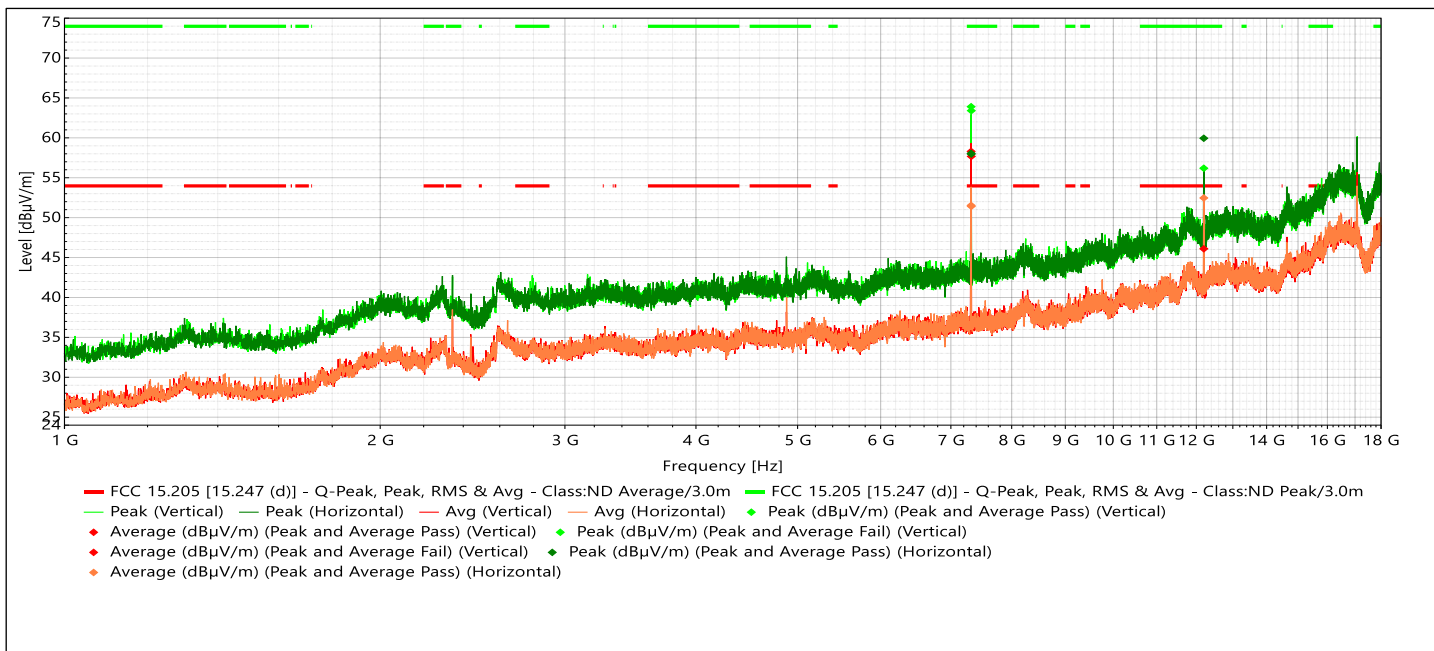
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
37.989	18.60	40.00	-21.40	295.00	1.04	Vertical	Pass
113.573	22.63	43.52	-20.89	340.00	1.00	Vertical	Pass
37.857	16.42	40.00	-23.58	0.00	4.00	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel Mid 18 - 2440 MHz

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
6/10/2026	3mSAC	Rafael Aguiar Cota	26.8 °C	39 %	968 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G RF6	2440 MHz	18	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-29 – Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.
- A duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB was applied to the peak values for the average levels related to the fundamental. The other average levels were measured directly using a spectrum analyzer.

**Table 2.7.8-29– Radiated Emissions Test Results**

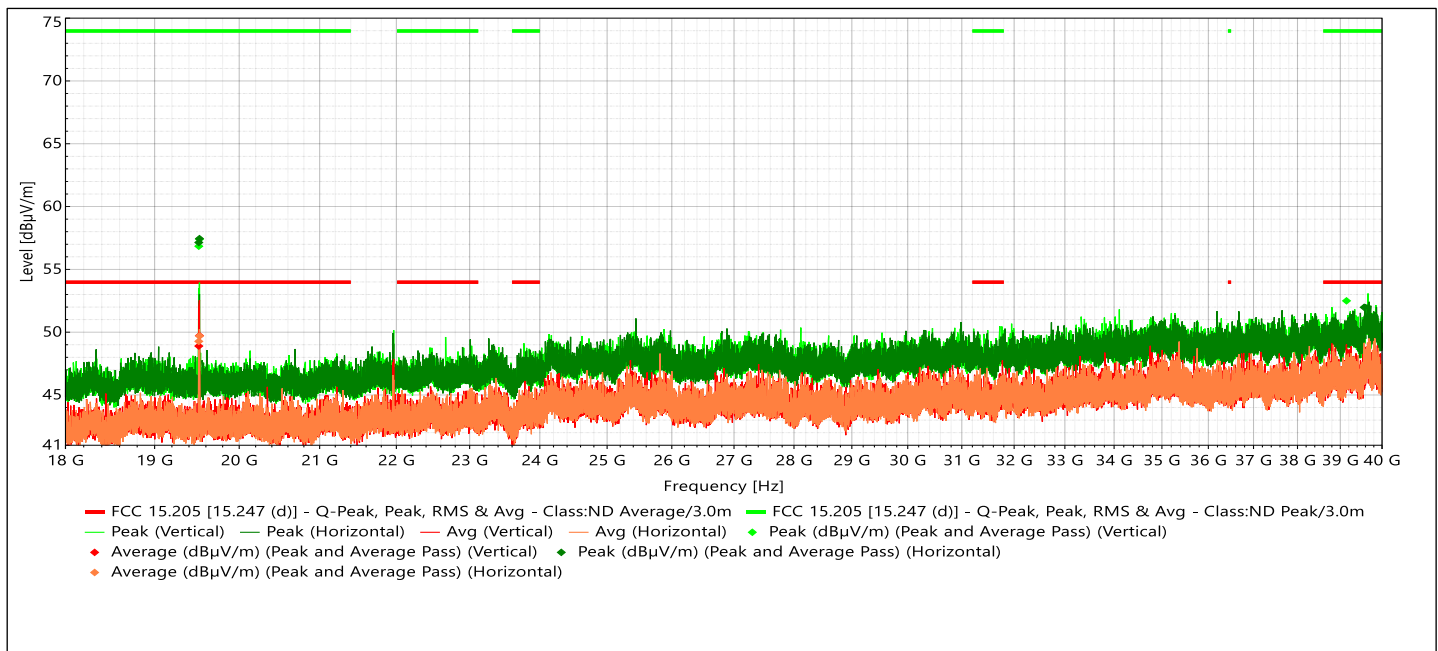
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
7318.479	63.90	73.98	-10.08	40.77	53.98	-13.21	205.00	2.49	Vertical	Pass
7321.357	63.41	73.98	-10.57	40.28	53.98	-13.70	208.00	2.50	Vertical	Pass
12197.424	56.19	73.98	-17.79	33.06	53.98	-20.92	135.00	1.00	Vertical	Pass
7318.479	58.06	73.98	-15.92	34.93	53.98	-19.05	207.00	1.00	Horizontal	Pass
7321.358	57.97	73.98	-16.01	34.84	53.98	-19.14	207.00	1.00	Horizontal	Pass
12197.424	59.95	73.98	-14.03	36.82	53.98	-17.16	232.00	3.34	Horizontal	Pass



Spurious Emissions 18 - 40GHz - Channel mid 18 - 2440 MHz

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
6/12/2026	3mSAC	Rafael Aguiar Cota	24.5 °C	34 %	974 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2440 MHz	18	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-30 – Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.
- A duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB was applied to the peak values for the average levels related to the fundamental. The other average levels were measured directly using a spectrum analyzer.

**Table 2.7.8-30– Radiated Emissions Test Results**

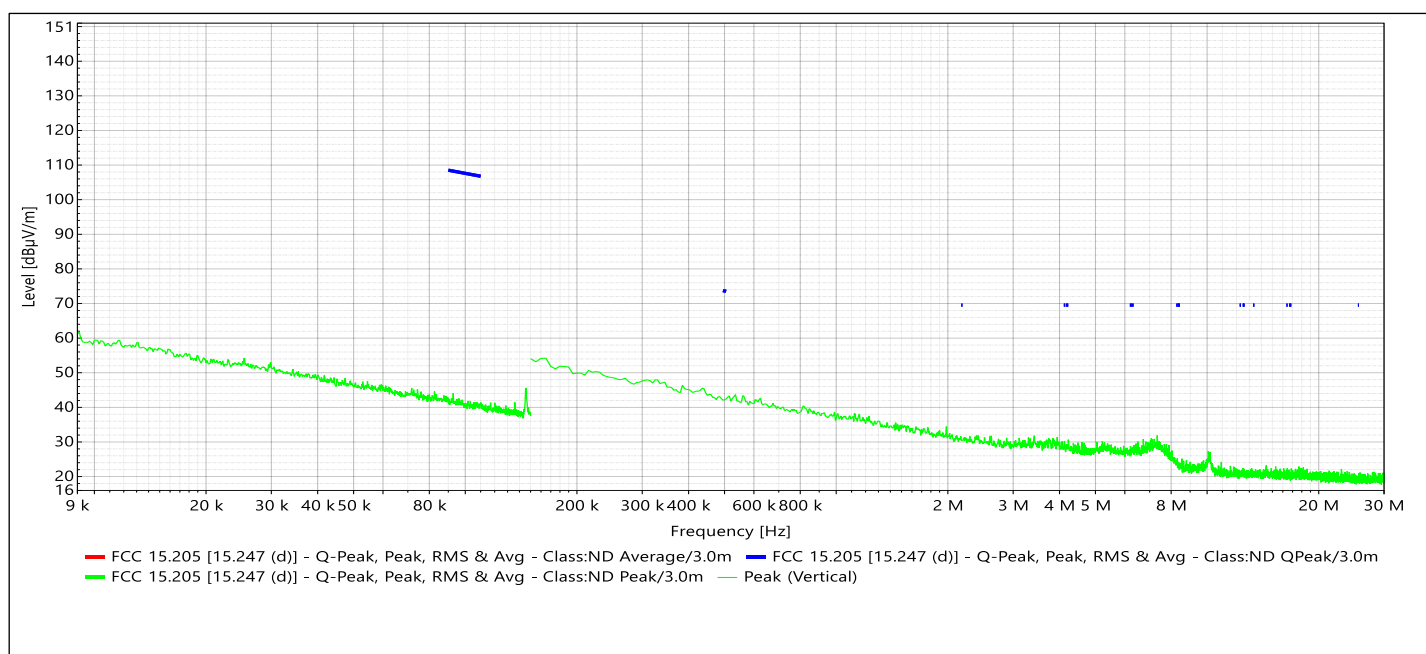
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
19515.785	56.84	73.98	-17.14	33.71	53.98	-20.27	146.00	2.69	Vertical	Pass
19523.784	57.40	73.98	-16.57	34.27	53.98	-19.71	144.00	2.23	Vertical	Pass
39146.335	52.50	73.98	-21.48	39.32	53.98	-14.66	256.00	2.65	Vertical	Pass
19515.784	57.14	73.98	-16.84	34.01	53.98	-19.97	154.00	3.59	Horizontal	Pass
19523.782	57.45	73.98	-16.53	34.32	53.98	-19.66	154.00	3.52	Horizontal	Pass
39568.585	51.98	73.98	-22.00	39.28	53.98	-14.70	184.00	2.50	Horizontal	Pass



Spurious - 9kHz-30MHz -Channel High 25 - 2475 MHz - 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
6/16/2026	3mSAC	Rafael Aguiar Cota	24.4 °C	30 %	973 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2475 MHz	25	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-31 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-31– Radiated Emissions Test Results

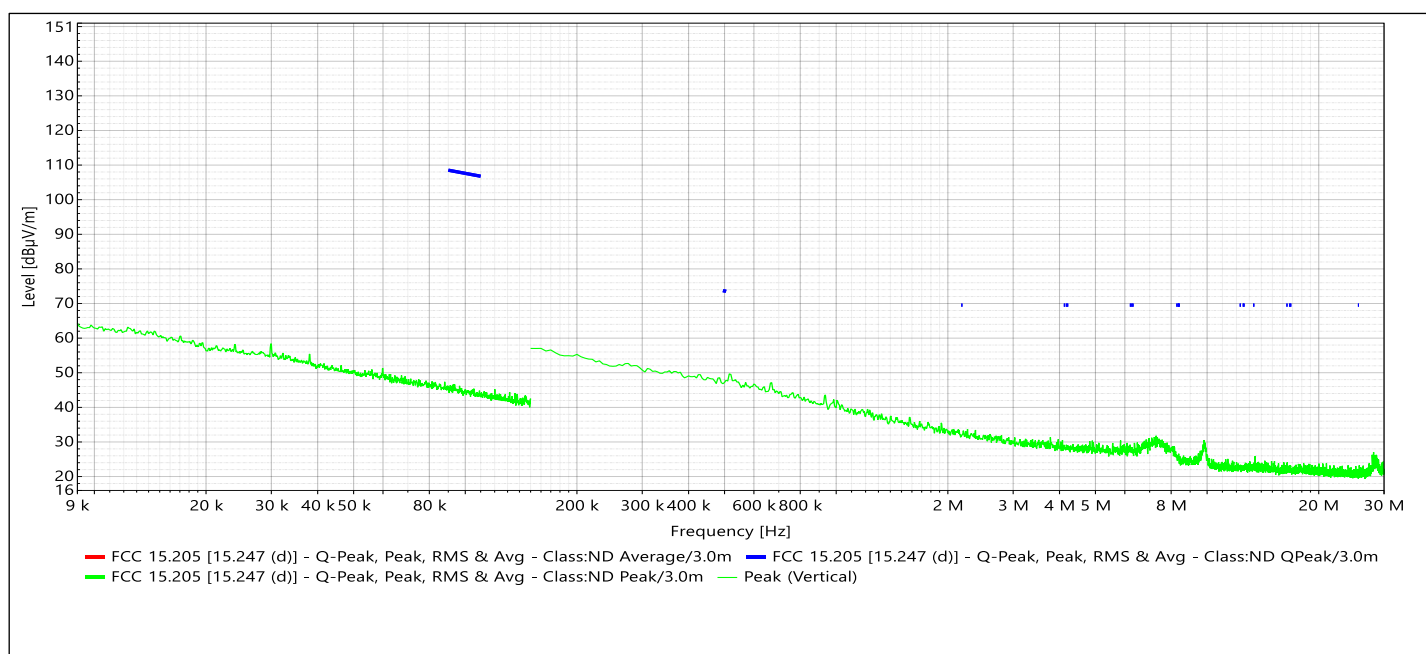
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.504	37.96	73.54	-35.58	177.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz -Channel High 25 - 2475 MHz - 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
6/16/2026	3mSAC	Rafael Aguiar Cota	24 °C	28 %	970 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2475 MHz	25	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-32 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-32– Radiated Emissions Test Results

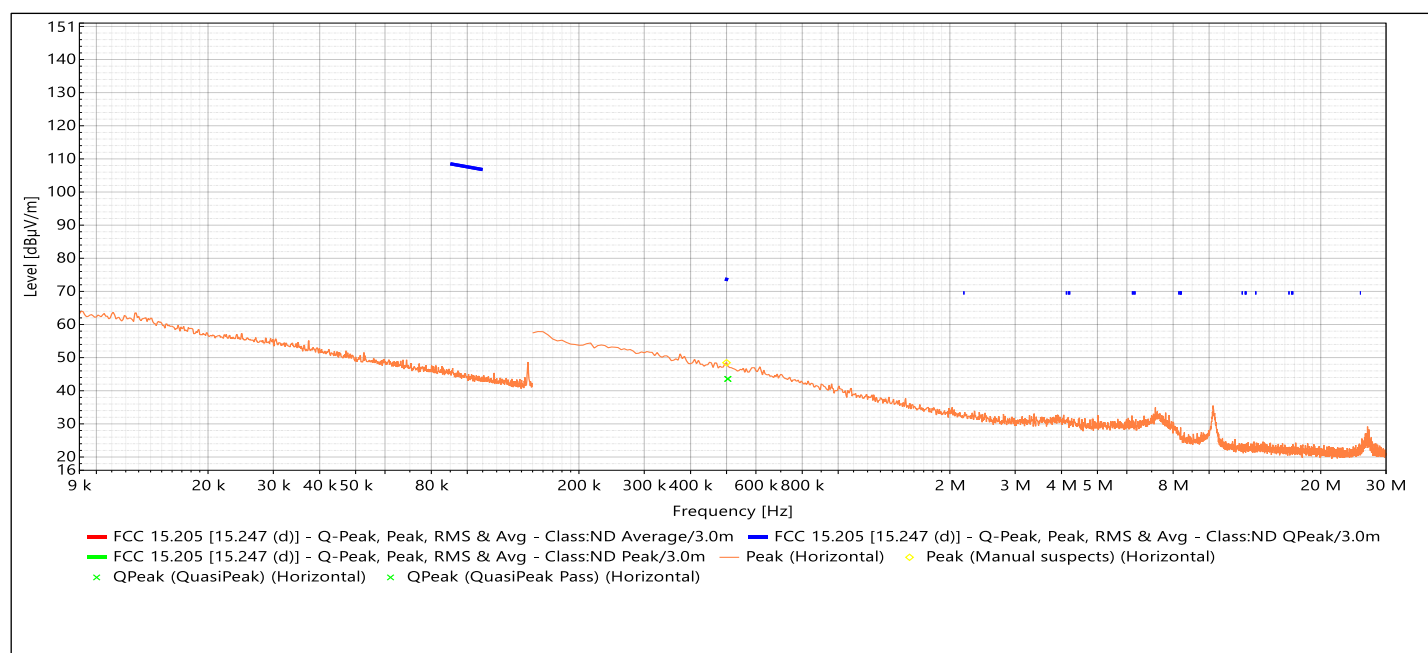
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.500	43.48	73.62	-30.15	177.00	1.00	Vertical	Pass



Spurious - 9kHz-30MHz - Channel High 25 - 2475 MHz - 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
6/15/2026	3mSAC	Rafael Aguiar Cota	24.6 °C	30 %	974 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2475 MHz	25	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-33 – Radiated Emissions Test Results

Test Notes:

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

Table 2.7.8-33– Radiated Emissions Test Results

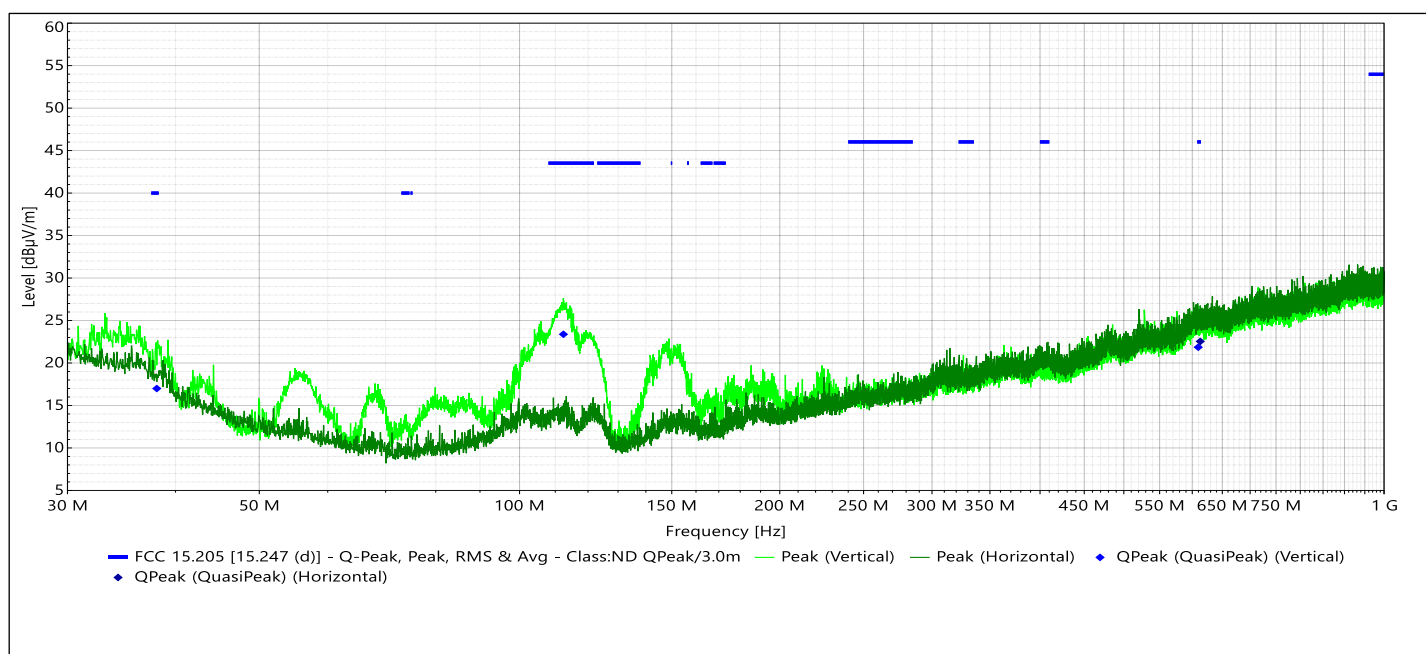
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
0.504	43.58	73.54	-29.96	41.00	1.00	Horizontal	Pass



Spurious Emissions 30M-1GHz - Channel 25 - 2475 MHz

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
6/13/2026	STS	Rafael Aguiar Cota	24.1 °C	35 %	976 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G RF6	2475 MHz	25	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-34 – Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

**Table 2.7.8-34– Radiated Emissions Test Results**

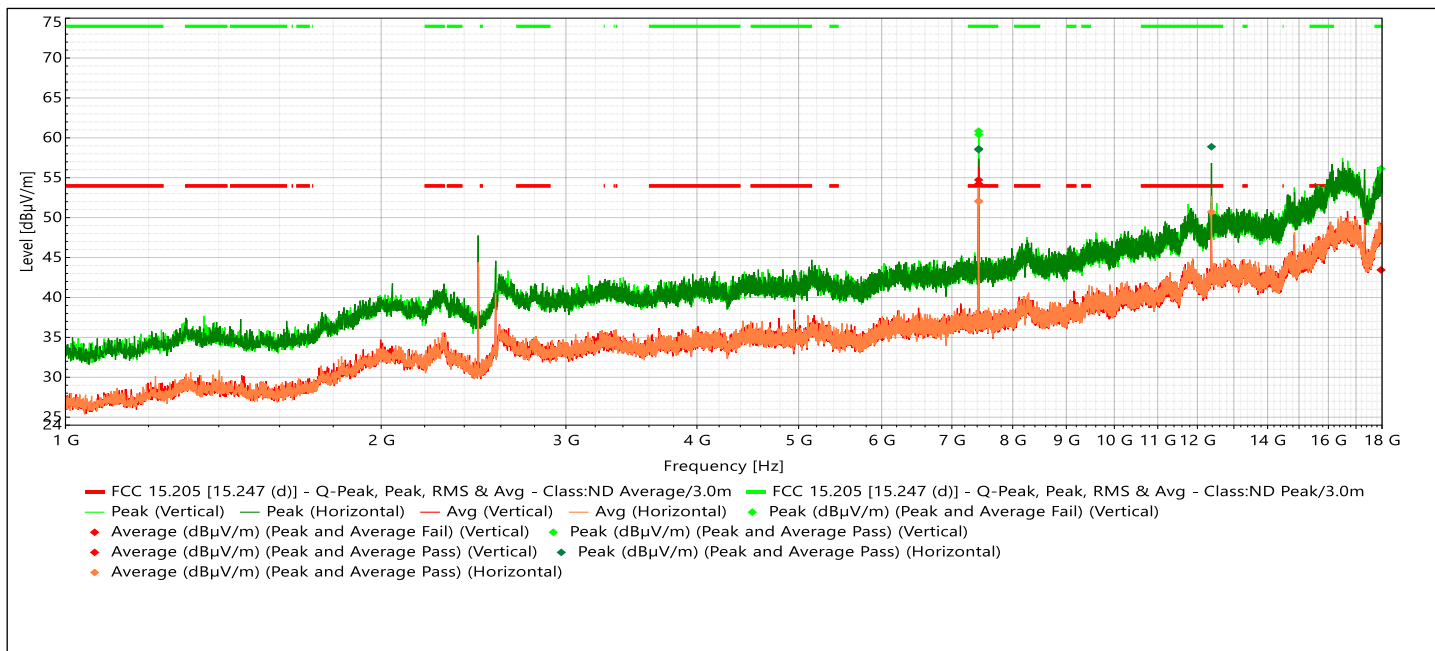
Frequency (MHz)	QP Level (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
38.056	16.99	40.00	-23.01	256.00	1.00	Vertical	Pass
112.408	23.38	43.52	-20.14	317.00	1.00	Vertical	Pass
609.626	21.86	46.02	-24.17	282.00	3.48	Vertical	Pass
612.952	22.54	46.02	-23.48	179.00	2.36	Horizontal	Pass



Spurious Emissions 1 - 18GHz - Channel High 25 - 2475 MHz

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
6/10/2026	3mSAC	Rafael Aguiar Cota	26.7 °C	39 %	967 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
2.4G RF6	2475 MHz	25	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-35 – Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.
- A duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB was applied to the peak values for the average levels related to the fundamental. The other average levels were measured directly using a spectrum analyzer.

**Table 2.7.8-35– Radiated Emissions Test Results**

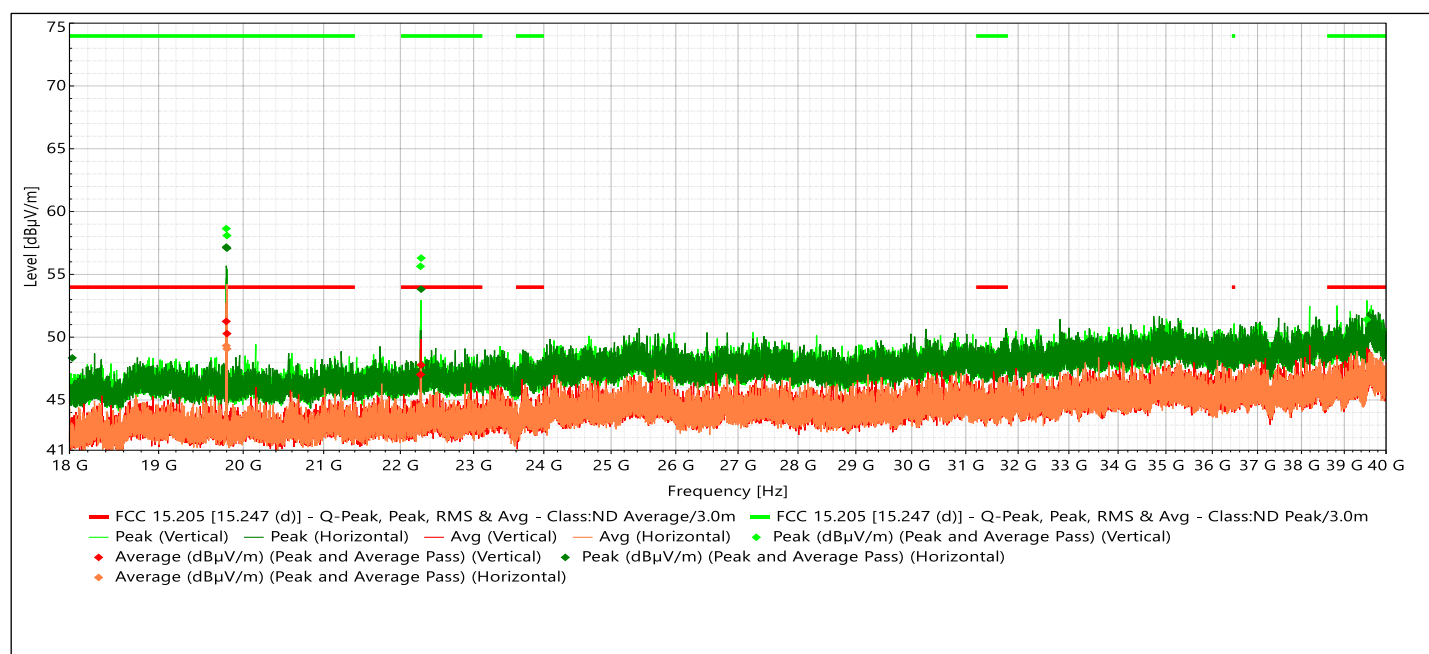
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
7423.477	60.85	73.98	-13.13	37.72	53.98	-16.26	232.00	2.15	Vertical	Pass
7426.357	60.42	73.98	-13.56	37.29	53.98	-16.69	232.00	2.13	Vertical	Pass
17958.599	56.14	73.98	-17.84	43.45	53.98	-10.53	313.00	3.89	Vertical	Pass
7423.477	58.53	73.98	-15.45	35.40	53.98	-18.58	216.00	2.50	Horizontal	Pass
7426.355	58.62	73.98	-15.36	35.49	53.98	-18.49	216.00	2.50	Horizontal	Pass
12377.299	58.88	73.98	-15.09	35.75	53.98	-18.23	232.00	3.32	Horizontal	Pass



Spurious Emissions 18 - 40GHz - Channel High 25 - 2475 MHz

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
6/11/2026	3mSAC	Rafael Aguiar Cota	24.5 °C	34 %	974 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2475 MHz	25	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-36 –Radiated Emissions Test Results

Test Notes:

- Power 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.
- A duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB was applied to the peak values for the average levels related to the fundamental. The other average levels were measured directly using a spectrum analyzer.

**Table 2.7.8-36 –Radiated Emissions Test Results**

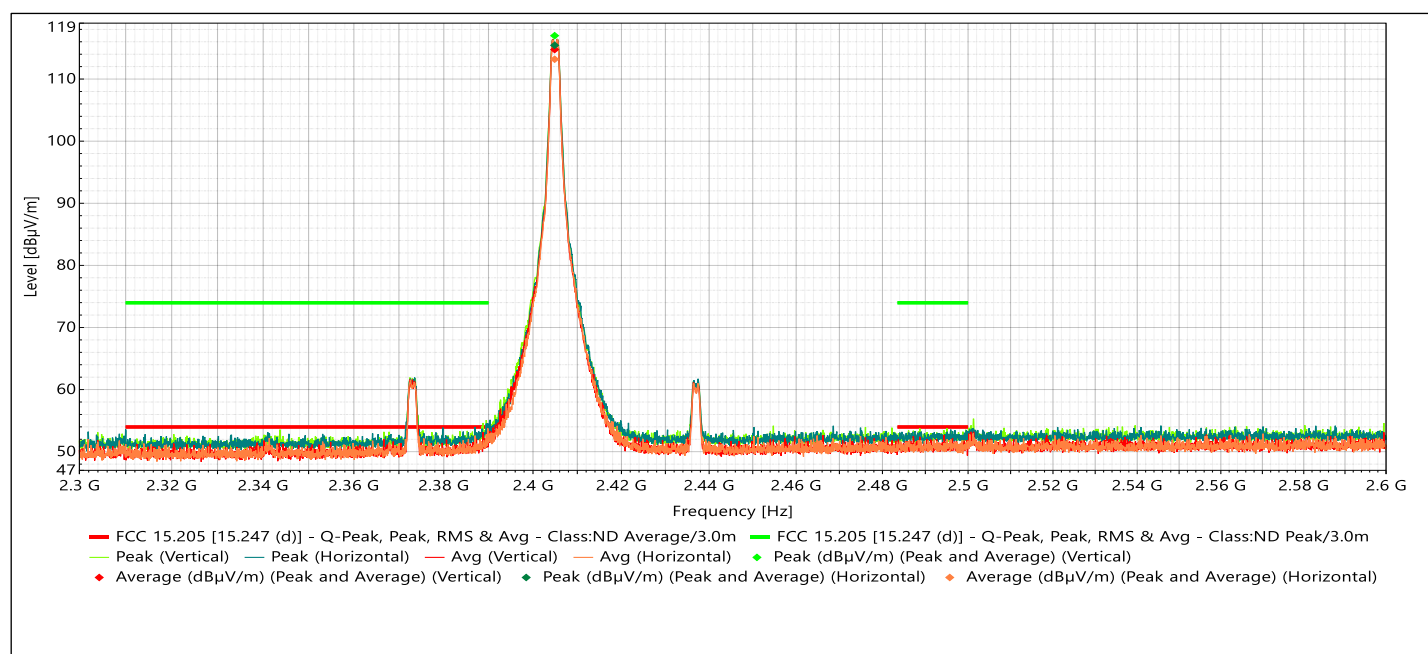
Frequency (MHz)	Peak Level (dBuV/m)	Peak Limit (dBuV/m)	Peak Margin (dB)	Average Level (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Azimuth (°)	Height (m)	Polarity	Result
19795.779	58.64	73.98	-15.33	35.51	53.98	-18.47	171.00	1.49	Vertical	Pass
19803.779	58.09	73.98	-15.89	34.96	53.98	-19.02	137.00	1.00	Vertical	Pass
22270.693	55.64	73.98	-18.34	32.51	53.98	-21.47	159.00	1.85	Vertical	Pass
22279.160	56.30	73.98	-17.68	33.17	53.98	-20.81	159.00	1.86	Vertical	Pass
39534.241	51.40	73.98	-22.58	38.95	53.98	-15.03	327.00	2.50	Vertical	Pass
18030.602	48.35	73.98	-25.63	36.00	53.98	-17.98	33.00	2.62	Horizontal	Pass
19795.781	57.17	73.98	-16.81	34.04	53.98	-19.94	184.00	3.80	Horizontal	Pass
19803.781	57.09	73.98	-16.89	33.96	53.98	-20.02	158.00	3.55	Horizontal	Pass
22279.192	53.82	73.98	-20.16	30.69	53.98	-23.29	160.00	1.86	Horizontal	Pass



Band Edge Pre-scans - Channel 11 [Low Ch]

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
2.3 GHz - 2.6 GHz	3m	Vertical	1 MHz	6001 Pts	Auto
2.3 GHz - 2.6 GHz	3m	Horizontal	1 MHz	6001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/10/2026	3mSAC	Duranta K. Barua	26.6 °C	39 %	969 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2405 MHz	11	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-37 – Radiated Emissions Test Results

Test Notes:

- Power setting 32, Antenna 1,
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

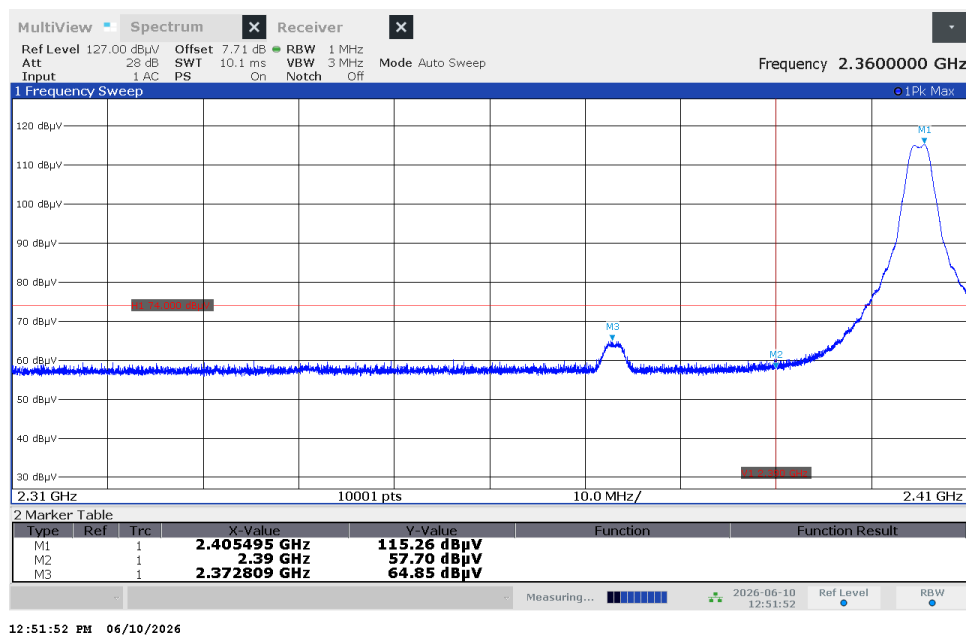


Figure 2.7.8-38 – Radiated Band Edge – Low Channel – Horizontal Polarization – Peak

Table 2.7.8-37-Radiated Band Edge Test Results - Peak

Frequency (GHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.405495	115.26	-----	-----	29.00	1.01	Horizontal	N/A
2.39	57.70	74	-16.30	29.00	1.01	Horizontal	Pass
2.372809	64.85	74	-9.15	29.00	1.01	Horizontal	Pass

Table 2.7.8-38-Radiated Band Edge Test Results - Average

Frequency (GHz)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.405495	92.13	----	----	29.00	1.01	Horizontal	N/A
2.39	34.57	54	-19.43	29.00	1.01	Horizontal	Pass
2.372809	41.72	54	-12.28	29.00	1.01	Horizontal	Pass

Notes: The average levels were calculated by applying the duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB to the peak levels.

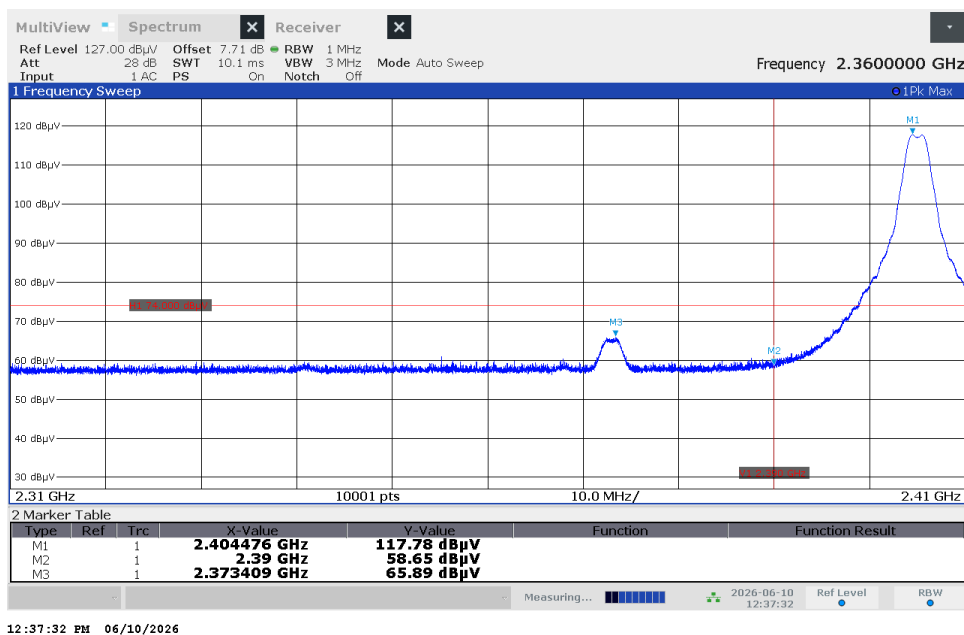


Figure 2.7.8-39 – Radiated Band Edge – Low Channel – Vertical Polarization – Peak

Table 2.7.8-39-Radiated Band Edge Test Results - Peak

Frequency (GHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.404476	117.78	-----	-----	88.00	2.65	Vertical	N/A
2.39	58.65	74	-15.35	88.00	2.65	Vertical	Pass
2.373409	65.89	74	-8.11	88.00	2.65	Vertical	Pass

Table 2.7.8-40-Radiated Band Edge Test Results - Average

Frequency (GHz)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.404476	94.65	-----	-----	88.00	2.65	Vertical	N/A
2.39	35.52	54	-18.48	88.00	2.65	Vertical	Pass
2.373409	42.76	54	-11.24	88.00	2.65	Vertical	Pass

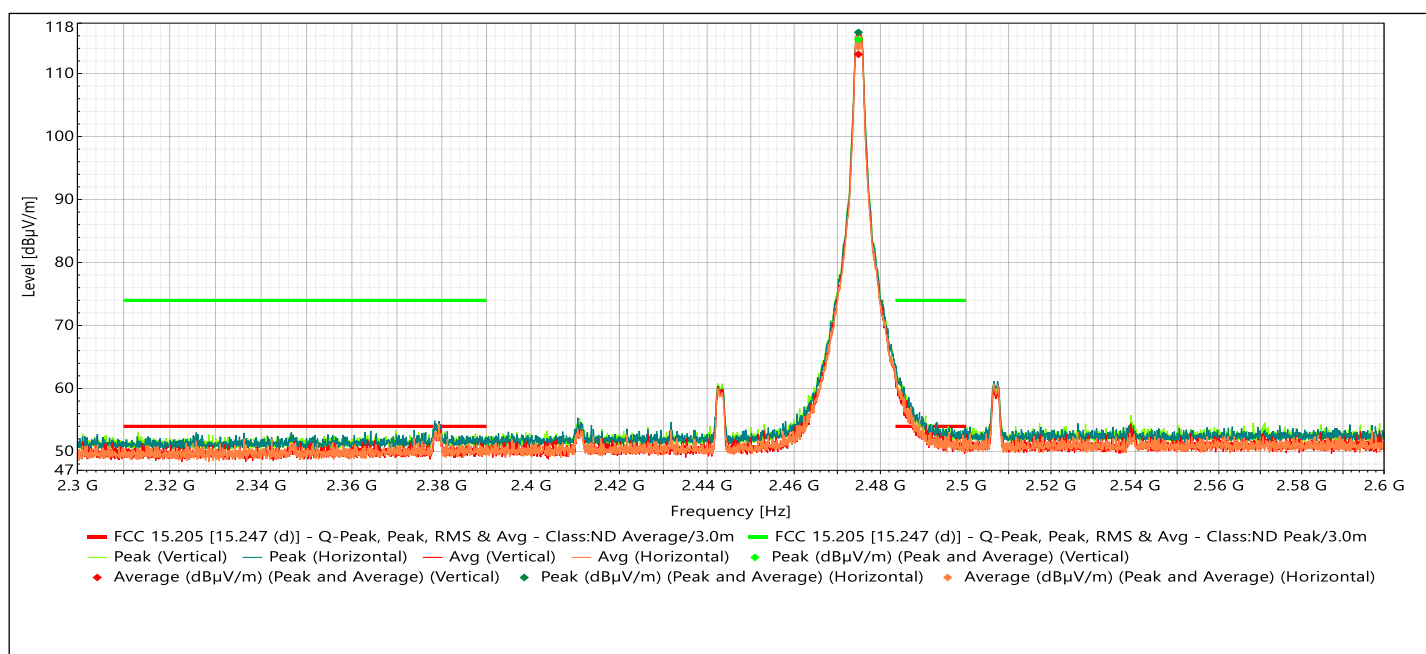
Notes: The average levels were calculated by applying the duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB to the peak levels.



Band Edge Pre-scan - Channel 25 [High Ch]

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
2.3 GHz - 2.6 GHz	3m	Vertical	1 MHz	6001 Pts	Auto
2.3 GHz - 2.6 GHz	3m	Horizontal	1 MHz	6001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/10/2026	3mSAC	Duranta K. Barua	27 °C	39 %	967 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2475 MHz	25	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-40 – Radiated Emissions Test Results

Test Notes:

- Power setting 32, Antenna 1,
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

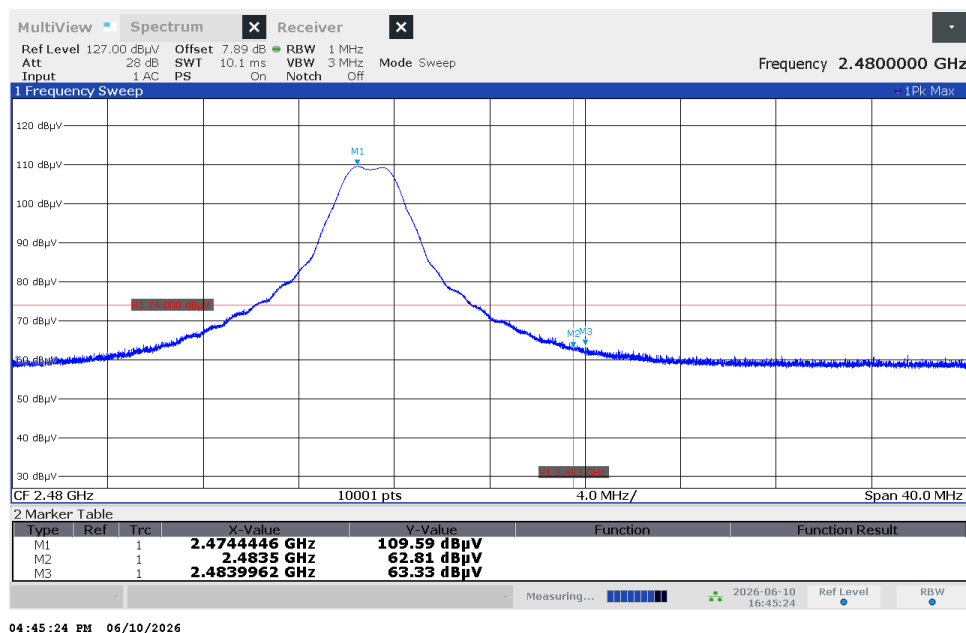


Figure 2.7.8-41 – Radiated Band Edge – High Channel – Horizontal Polarization – Peak

Table 2.7.8-41-Radiated Band Edge Test Results - Peak

Frequency (GHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.4744446	109.59	----	N/A	165.00	1.96	Horizontal	N/A
2.4835	62.81	74	-11.19	165.00	1.96	Horizontal	Pass
2.4839962	63.33	74	-10.67	165.00	1.96	Horizontal	Pass

Table 2.7.8-42-Radiated Band Edge Test Results - Average

Frequency (GHz)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.4744446	86.46	----	----	165.00	1.96	Horizontal	N/A
2.4835	39.68	54	-14.32	165.00	1.96	Horizontal	Pass
2.4839962	40.2	54	-13.8	165.00	1.96	Horizontal	Pass

Notes: The average levels were calculated by applying the duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB to the peak levels.

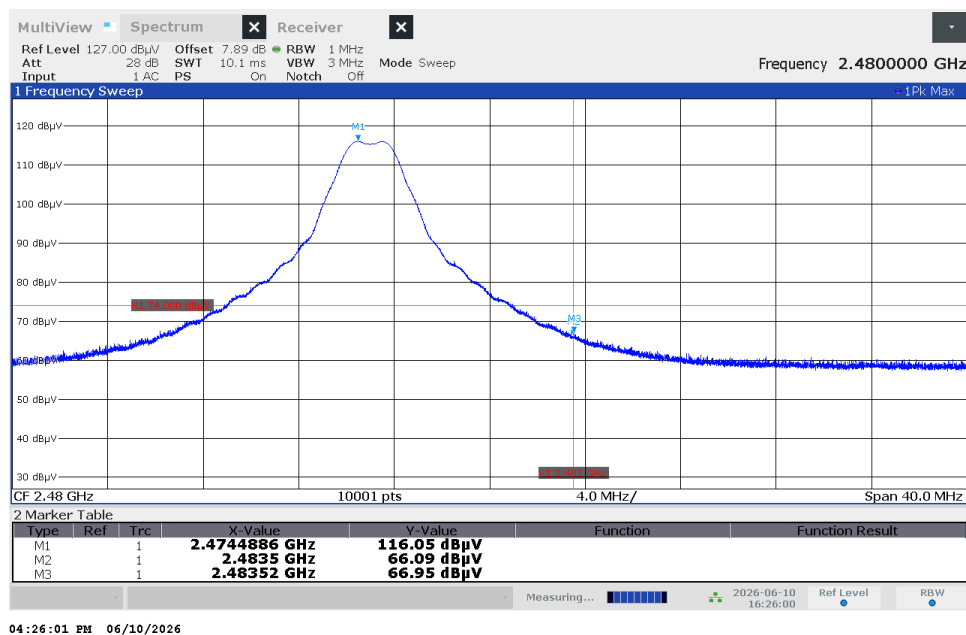


Figure 2.7.8-42 – Radiated Band Edge – High Channel – Vertical Polarization – Peak

Table 2.7.8-43-Radiated Band Edge Test Results - Average

Frequency (GHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.4744886	116.05	----	N/A	76.00	2.50	Vertical	N/A
2.4835	66.09	74	-7.91	76.00	2.50	Vertical	Pass
2.48352	66.95	74	-7.05	76.00	2.50	Vertical	Pass

Table 2.7.8-44-Radiated Band Edge Test Results - Average

Frequency (GHz)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.4744886	92.92	----	----	76.00	2.50	Vertical	N/A
2.4835	42.96	54	-11.04	76.00	2.50	Vertical	Pass
2.48352	43.82	54	-10.18	76.00	2.50	Vertical	Pass

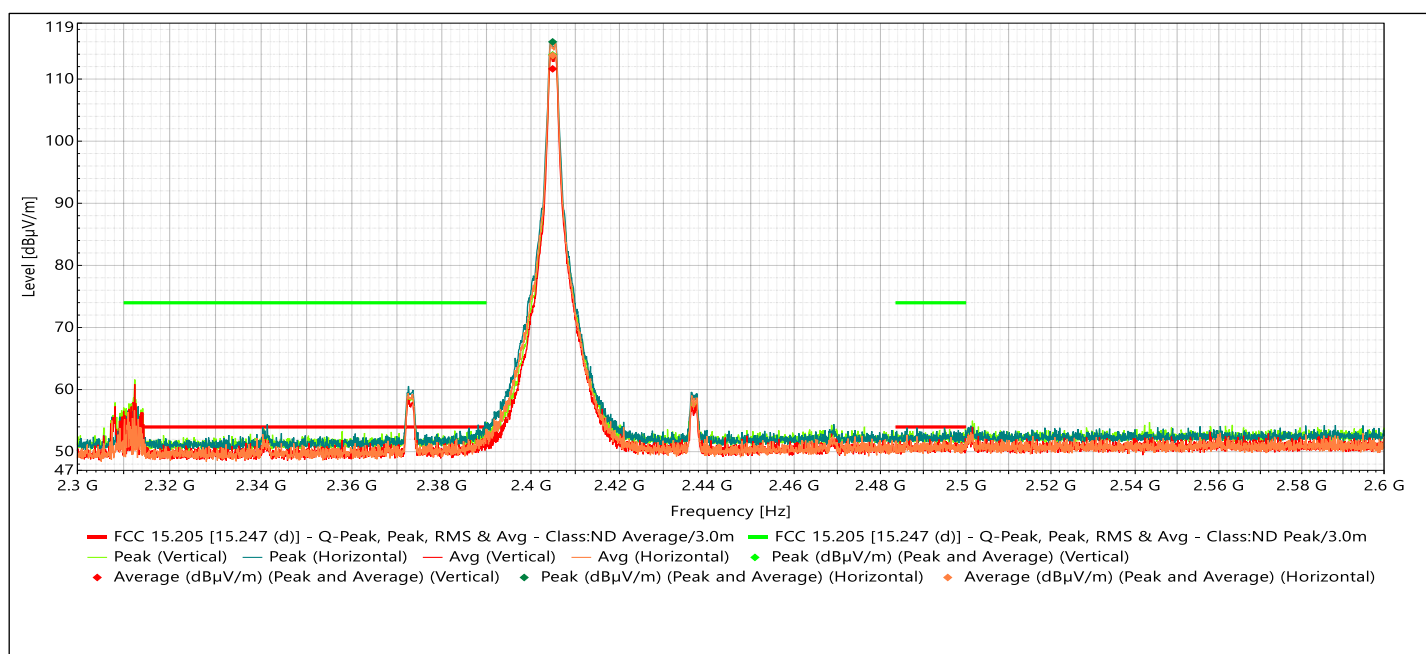
Notes: The average levels were calculated by applying the duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB to the peak levels.



Band Edge Pre-Scans - Channel 11 [Low Ch]

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
2.3 GHz - 2.6 GHz	3m	Vertical	1 MHz	6001 Pts	Auto
2.3 GHz - 2.6 GHz	3m	Horizontal	1 MHz	6001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/10/2026	3mSAC	Duranta K. Barua	26.6 °C	39 %	966 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2405 MHz	11	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-43 – Radiated Emissions Test Results

Test Notes:

- Power setting 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

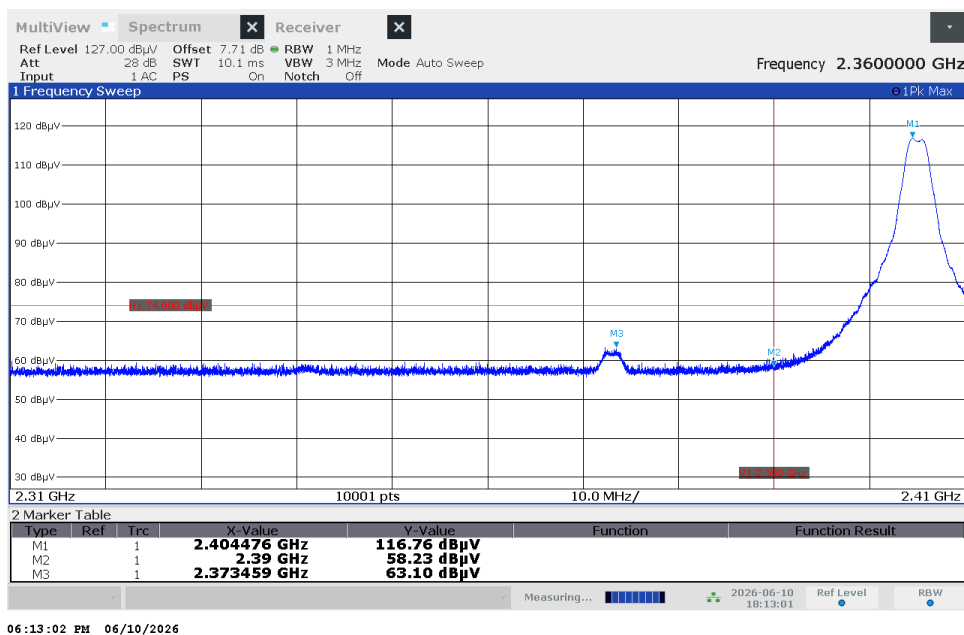


Figure 2.7.8-44 – Radiated Band Edge – Low Channel – Horizontal Polarization – Peak

Table 2.7.8-45-Radiated Band Edge Test Results - Peak

Frequency (GHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.404476	116.76	----	----	358.00	2.79	Horizontal	N/A
2.39	58.23	74	-15.77	358.00	2.79	Horizontal	Pass
2.373459	63.1	74	-10.9	358.00	2.79	Horizontal	Pass

Table 2.7.8-46-Radiated Band Edge Test Results - Average

Frequency (GHz)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.404476	93.63	----	----	358.00	2.79	Horizontal	N/A
2.39	35.1	54	-18.9	358.00	2.79	Horizontal	Pass
2.373459	39.97	54	-14.03	358.00	2.79	Horizontal	Pass

Notes: The average levels were calculated by applying the duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB to the peak levels.

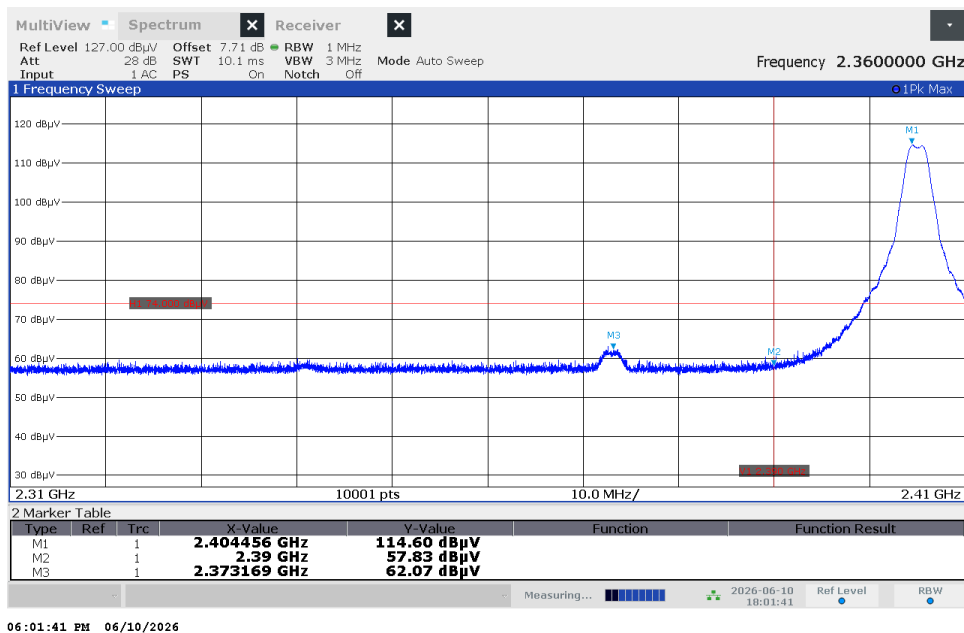


Figure 2.7.8-45 – Radiated Band Edge – Low Channel – Vertical Polarization – Peak

Table 2.7.8-47-Radiated Band Edge Test Results - Peak

Frequency (GHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.404456	114.6	----	----	58.00	2.46	Vertical	N/A
2.39	57.83	74	-16.17	58.00	2.46	Vertical	Pass
2.373169	62.07	74	-11.93	58.00	2.46	Vertical	Pass

Table 2.7.8-48-Radiated Band Edge Test Results - Average

Frequency (GHz)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.404456	91.47	----	----	58.00	2.46	Vertical	N/A
2.39	34.7	54	-19.3	58.00	2.46	Vertical	Pass
2.373169	38.94	54	-15.06	58.00	2.46	Vertical	Pass

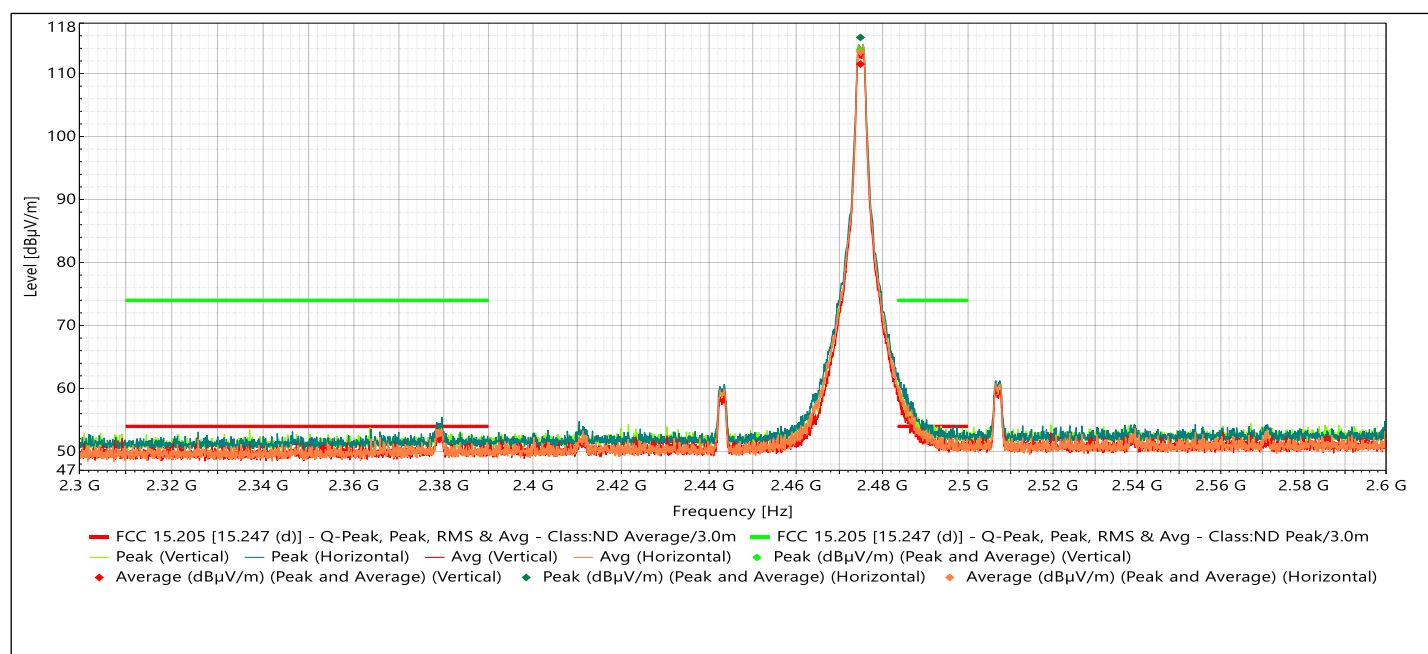
Notes: The average levels were calculated by applying the duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB to the peak levels.



Band Edge Pre-Scans - Channel 25 [High Ch]

Frequency Range	Antenna Distance	Antenna Polarization	RBW	Step Size	Sweep Time
2.3 GHz - 2.6 GHz	3m	Vertical	1 MHz	6001 Pts	Auto
2.3 GHz - 2.6 GHz	3m	Horizontal	1 MHz	6001 Pts	Auto

Test Date	Test Area	Tested By	Temperature	Humidity	Pressure
6/10/2026	3mSAC	Duranta K. Barua	27 °C	39 %	967 mBar



Technology	Frequency	Channel	Mode	EUT Orientation	Limit	Test Results
RF6	2475 MHz	25	TX	Y-axis	FCC 15.205 [15.247 (d)] - Q-Peak, Peak, & Avg	Pass

Figure 2.7.8-46 – Radiated Emissions Test Results

Test Notes:

- Power setting 32, Antenna 2
- Graphical data is provided for informational purposes only. Final levels are provided in tabular format.

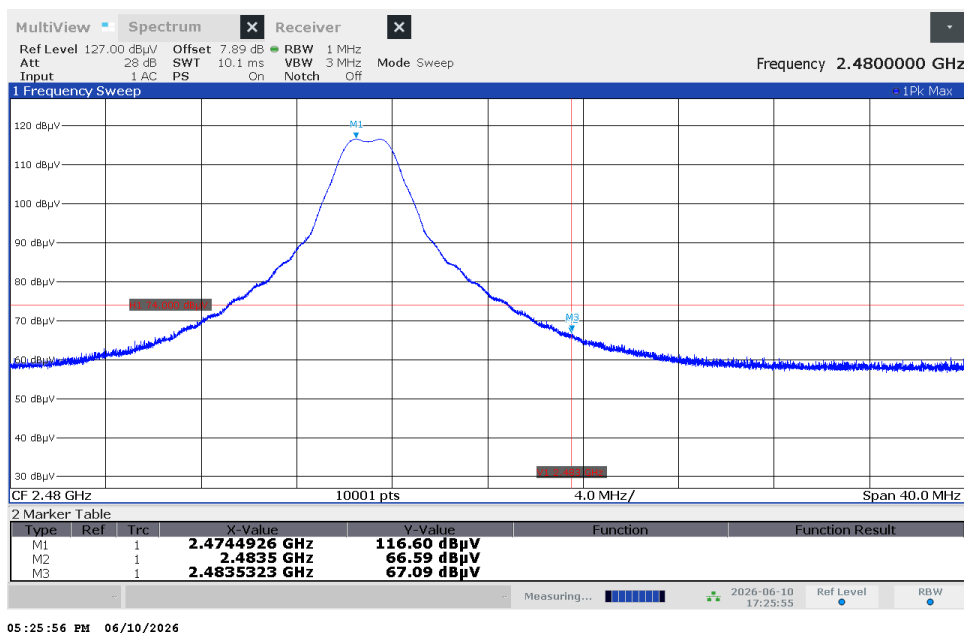


Figure 2.7.8-47 – Radiated Band Edge – High Channel – Horizontal Polarization – Peak

Table 2.7.8-49-Radiated Band Edge Test Results - Peak

Frequency (GHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.4744926	116.6	---	---	5.00	1.84	Horizontal	N/A
2.4835	66.59	74	-7.41	5.00	1.84	Horizontal	Pass
2.4835323	67.09	74	-6.91	5.00	1.84	Horizontal	Pass

Table 2.7.8-50-Radiated Band Edge Test Results - Average

Frequency (GHz)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.4744926	93.47	----	----	5.00	1.84	Horizontal	N/A
2.4835	43.46	54	-10.54	5.00	1.84	Horizontal	Pass
2.4835323	43.96	54	-10.04	5.00	1.84	Horizontal	Pass

Notes: The average levels were calculated by applying the duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB to the peak levels.

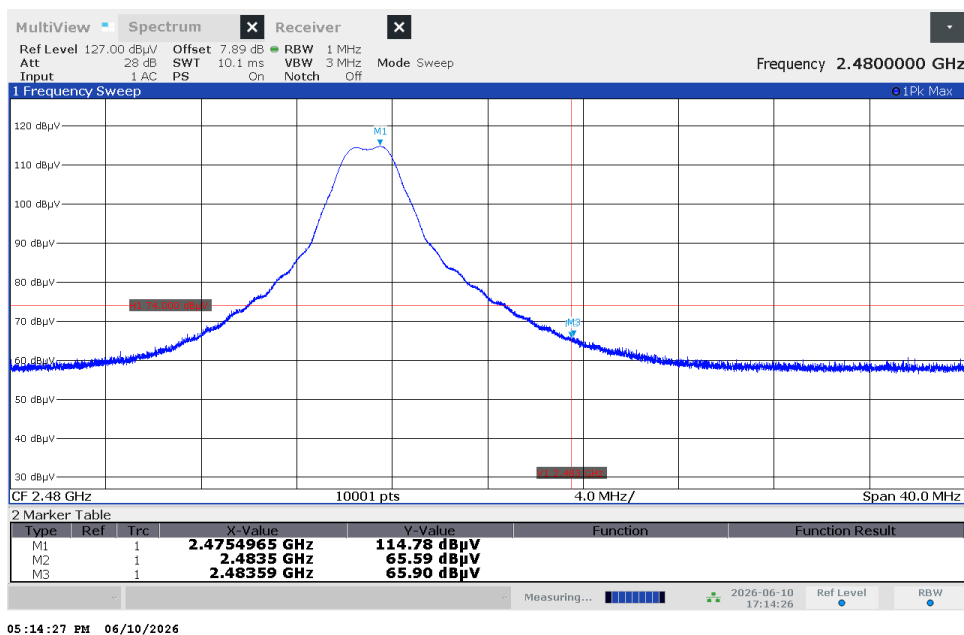


Figure 2.7.8-48 – Radiated Band Edge – High Channel – Vertical Polarization – Peak

Table 2.7.8-51-Radiated Band Edge Test Results - Peak

Frequency (GHz)	Peak Level (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.4754965	114.78	----	----	144.00	1.32	Vertical	N/A
2.4835	65.59	74	-8.41	144.00	1.32	Vertical	Pass
2.48359	65.9	74	-8.1	144.00	1.32	Vertical	Pass

Table 2.7.8-52-Radiated Band Edge Test Results - Average

Frequency (GHz)	Average Level (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Angle (°)	Height (m)	Polarity	Result
2.4754965	91.65	----	----	144.00	1.32	Vertical	N/A
2.4835	42.46	54	-11.54	144.00	1.32	Vertical	Pass
2.48359	42.77	54	-11.23	144.00	1.32	Vertical	Pass

Notes: The average levels were calculated by applying the duty cycle correction factor corresponding to $20 \cdot \log(6.976/100) = -23.13$ dB to the peak levels.



2.7.9 Sample Calculations

$$R_C = R_U + CF_T$$

Where:

CF_T	=	Total Correction Factor (AF+CA+AG)-DC (Average Measurements Only)
R_U	=	Uncorrected Reading
R_C	=	Corrected Level
AF	=	Antenna Factor
CA	=	Cable Attenuation
AG	=	Amplifier Gain
DC	=	Duty Cycle Correction Factor

Example Calculation: Peak

Corrected Level: $57.27 + 2.86 = 60.13 \text{ dB}\mu\text{V/m}$

Margin: $60.13 \text{ dB}\mu\text{V/m} - 74 \text{ dB}\mu\text{V/m} = -13.87 \text{ dB}$

Example Calculation: Average

Corrected Level: $57.27 + 2.86 - 23.13 = 37.00 \text{ dB}\mu\text{V/m}$

Margin: $37.00 \text{ dB}\mu\text{V/m} - 54 \text{ dB}\mu\text{V/m} = -17.00 \text{ dB}$



2.7.10 Test Location and Test Equipment Used

This test was carried out in TÜV SÜD America, Inc., 141 14th Street NW, New Brighton, MN 55112, USA.

Device #	Manufacturer	Description	Model	Serial #	Cal Code	Cal Date	Cal Due
BEMC00653	Huber & Suhner	Cable (40GHz)	SF-102A	0944/2A	B	06/10/2026	06/10/2027
						05/29/2025	05/29/2026
NBLE02667	Hewlett-Packard	Preamplifier, 0.1-1300 MHz	8447D	1616A00688	B	01/13/2026	01/13/2027
NBLE03504	Florida RF Labs	Cable, N 3ft	FL335	3ft-1	B	03/26/2026	03/26/2027
NBLE03506	Florida RF Labs	Cable, SMA 6ft	FL200	6ft-1	B	01/26/2026	01/26/2027
NBLE03514	Florida RF Labs	Cable, SMA	FL200	3ft-9	B	10/14/2025	10/14/2026
NBLE10574	Huber+ Suhner	Cable, BNC 3M	EF142	10574	B	04/27/2026	04/27/2027
NBLE11509	Florida RF Labs	Cable, N 10ft	NMS-335A-120.0-NMS	11509	B	08/04/2025	08/04/2026
WRLE02418	EMCO/EMC Test	Antenna, Loop	6502	2215	G	03/18/2025	03/18/2027
WRLE10891	Huber+ Suhner	Cable, BNC 5M	EF142/11BNC/11BNC/5M	N/A	B	04/07/2026	04/07/2027
WRLE10998	Rohde & Schwarz	Receiver, 20 Hz-26.5 GHz	ESU 26	100379	G	09/02/2025	09/02/2026
WRLE11519	Com-Power Corp.	Preamplifier, 500 MHz-18 GHz	PAM-118A	18040002	B	01/24/2026	01/24/2027
NBLE11578	ETS-Lindgren	Antenna, BiConiLog	3142C	00079889	G	11/05/2024	11/05/2026
NBLE11614	Teledyne Storm Microwave	Cable, N 3m	90-195-3MTR	182984-003	B	01/26/2026	01/26/2027
NBLE11617	Teledyne Storm Microwave	Cable, N 8m	90-195-8MTR	182982-003	B	03/04/2026	03/04/2027
NBLE11618	Teledyne Storm Microwave	Cable, N 8m	90-195-8MTR	182982-004	B	02/05/2026	02/05/2027
NBLE11630	ETS-Lindgren	Antenna, 1-18 GHz	3117	00218816	G	09/27/2024	09/27/2026
WRLE11519	Com-Power Corp.	Preamp, 500 MHz-18 GHz	PAM-118A	18040002	G	01/24/2026	01/24/2027
NBLE11689	ATM	Antenna, DRG 18-40 GHz	180-442-KF	102040	G	07/08/2025	07/08/2027



Device #	Manufacturer	Description	Model	Serial #	Cal Code	Cal Date	Cal Due
NBLE11699	Microwave Circuits	Notch Filter, 2.4-2.4837 GHz	N0324415	502922 DC1947	B	08/05/2025	08/05/2026
NBLE11754	Rohde & Schwarz	Receiver, 1 Hz-44 GHz	ESW44	103037	G	10/24/2025	10/24/2026
WRLE11324	Mini-Circuits Lab	Attenuator, 10 dB	BW-N10W5	1324	B	04/23/2026	04/23/2027

Cal Code G = Calibration performed by an accredited outside source.

Cal Code B = Calibration verification performed internally.

Cal Code Y = Passive Device, or Calibration not required when used with other calibrated equipment.

The test equipment was used only during the active cycle of the calibration period.



2.8 Power Spectral Density

2.8.1 Specification Reference

FCC: Section 15.247(e)

2.8.2 Equipment Under Test and Modification State

S/N: ADT-GW-FCC-#02

2.8.3 Date of Test

7/16/2026 to 7/17/2026

2.8.4 Test Method

The power spectral density was measured in accordance with ANSI C63.10 Subclause 11.10.3 Method AVGPDS-1. The RF output port of the EUT was directly connected to the input of the spectrum analyzer. The spectrum analyzer's RBW was set to 3 kHz and VBW to 10 kHz. The Span was adjusted to greater than 1.5 times the occupied bandwidth (OBW) and the sweep time was set to auto. The measurements were performed using an RMS detector. The amplitude offset of the spectrum analyzer was adjusted to account for cable and attenuator insertion losses.

2.8.5 Environmental Conditions

Ambient Temperature	22.0 to 23.0 °C
Relative Humidity	40.0 to 41.0 %
Atmospheric Pressure	983.0 to 985.0 mbar

2.8.6 Test Results

AC Powered, Operating

Limit FCC: Section 15.247(e)

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time of continuous transmission.

Test Summary:

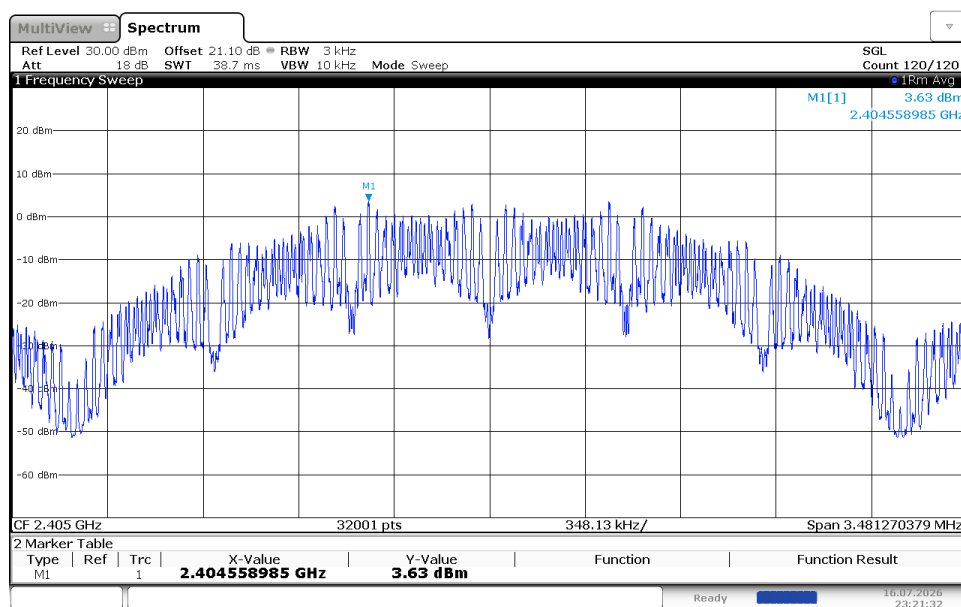
The maximum power density was measured as 4.638 dBm which is smaller than 8 dBm.

Test Result: Pass



Table 2.8.6-1 – Average Power Spectral Density Results

Configuration	Frequency (MHz)	Measured PSD (dBm)	Limit (dBm)	Margin to Limit (dB)	Result
Antenna 1	2405	3.632	8.00	4.368	Pass
Antenna 1	2440	4.337	8.00	3.663	Pass
Antenna 1	2475	4.638	8.00	3.362	Pass
Antenna 2	2405	4.222	8.00	3.778	Pass
Antenna 2	2440	3.689	8.00	4.311	Pass
Antenna 2	2475	3.273	8.00	4.727	Pass



23:21:32 16.07.2026

Figure 2.8.6-1 – Average Power Spectral Density - Antenna 1 - 2405 MHz

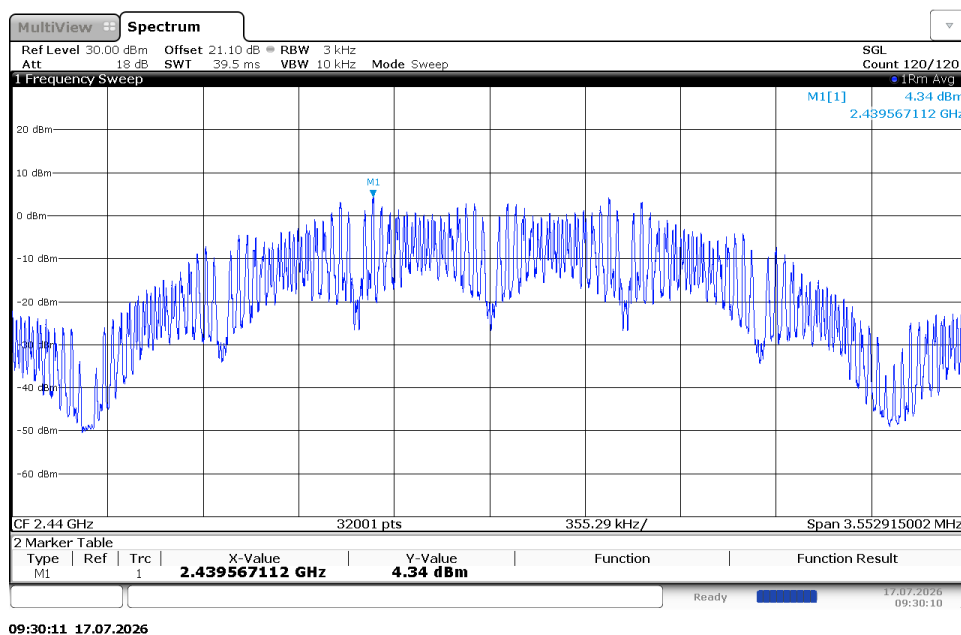


Figure 2.8.6-2 – Average Power Spectral Density - Antenna 1 - 2440 MHz

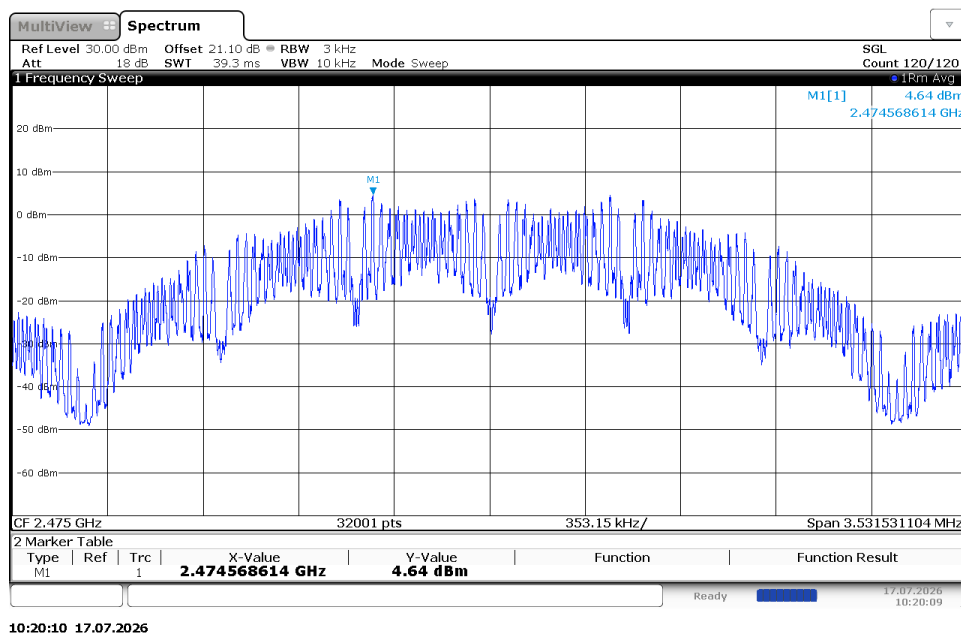


Figure 2.8.6-3 – Average Power Spectral Density - Antenna 1 - 2475 MHz

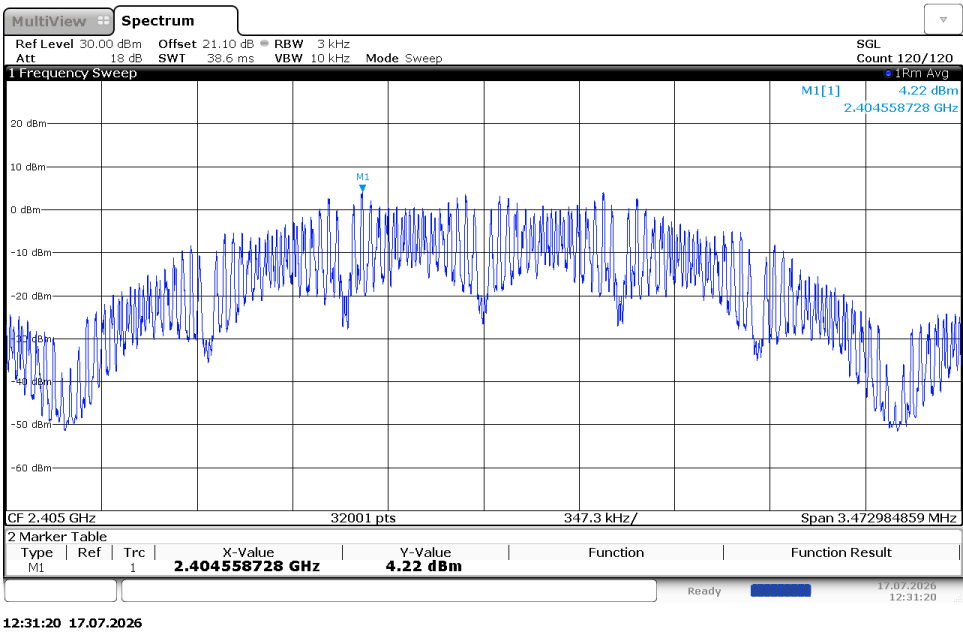


Figure 2.8.6-4 – Average Power Spectral Density - Antenna 2 - 2405 MHz

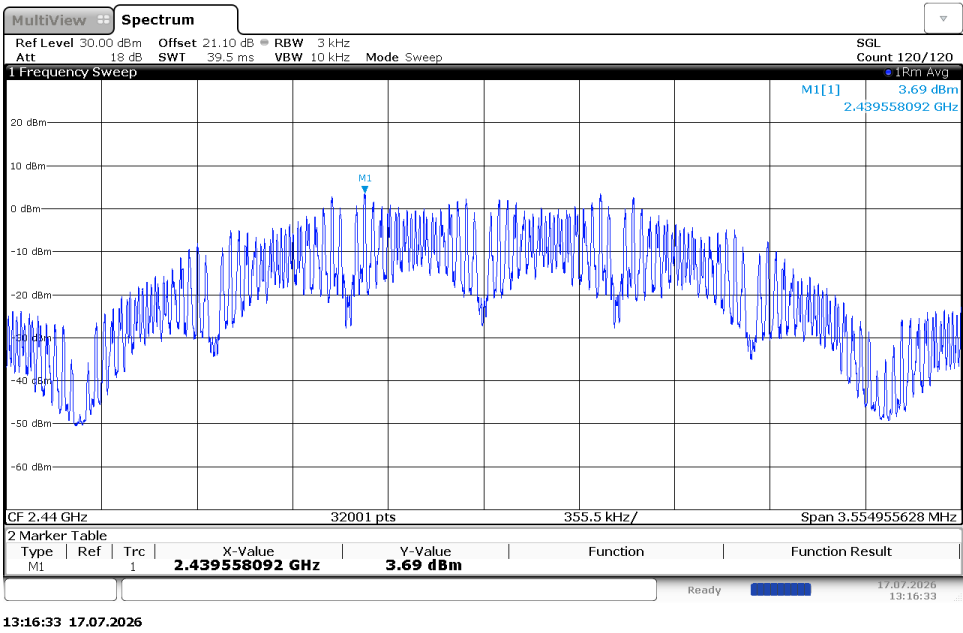


Figure 2.8.6-5 – Average Power Spectral Density - Antenna 2 - 2440 MHz

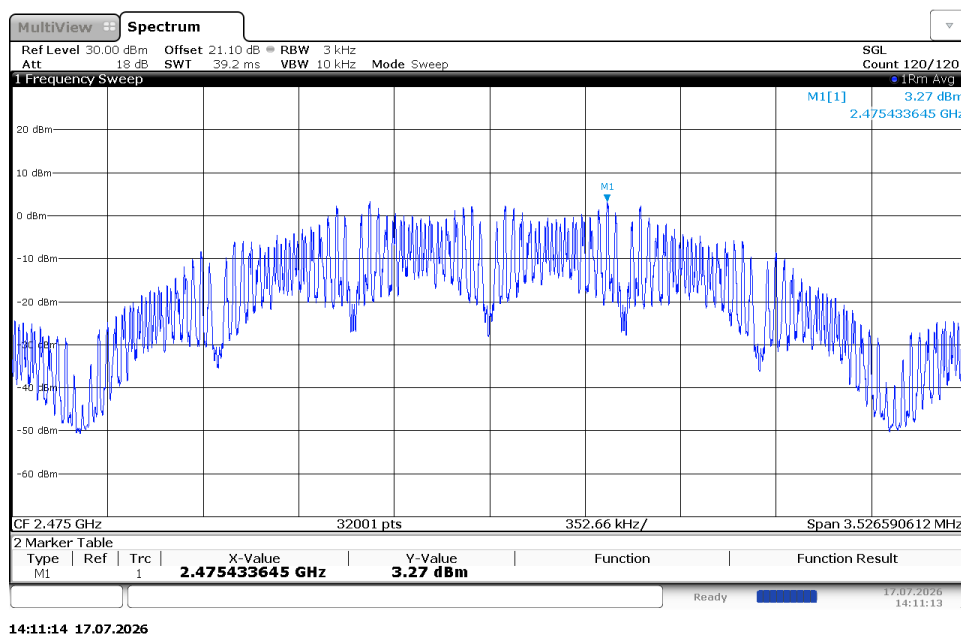


Figure 2.8.6-6 – Average Power Spectral Density - Antenna 2 - 2475 MHz

2.8.7 Test Location and Test Equipment Used

This test was carried out in TÜV SÜD America, Inc., 141 14th Street NW, New Brighton, MN 55112, USA.

Device #	Manufacturer	Description	Model	Serial #	Cal Code	Cal Date	Cal Due
DEMC3049	Aeroflex Inmet	Atten 20dB 2.9mm-M/F, DC-26.5GH, 2W	26AH-20	1443	B	05/27/2025 06/12/2026	05/27/2026 06/12/2027
DEMC3085	Rohde & Schwarz	Signal & Spectrum Analyzer	FSW43	103997	G	08/29/2025	08/29/2026
BEMC02112	Teledyne Storm Products	Duratest 175 Cable 26.5GHz	921-0101-036	12-06-698	B	01/12/2026	01/12/2027

Cal Code G = Calibration performed by an accredited outside source.

Cal Code B = Calibration verification performed internally.

Cal Code Y = Passive Device, or Calibration not required when used with other calibrated equipment.

The test equipment was used only during the active cycle of the calibration period.



2.9 Duty Cycle

2.9.1 Specification Reference

None

2.9.2 Equipment Under Test and Modification State

S/N: ADT-GW-FCC-#02

2.9.3 Date of Test

7/16/2026 to 7/17/2026

2.9.4 Test Method

The duty cycle was measured in accordance with ANSI C63.10 Section 11.6 Duty cycle (D), transmission duration (T), and maximum power control level. The unit was connected directly to the input of the spectrum analyzer via suitable attenuation. The RBW and VBW were set to 10 MHz and the number of sweep points across duration T was set to exceed 100. The amplitude offset of the spectrum analyzer was adjusted to account for cable and attenuator insertion losses.

2.9.5 Environmental Conditions

Ambient Temperature	22.0 to 23.0 °C
Relative Humidity	40.0 to 41.0 %
Atmospheric Pressure	983.0 to 985.0 mbar

2.9.6 Test Results

AC Powered, Operating

Test Summary:

The test mode duty cycle is provided for informational purposes as required per ANSI C63.10. The test mode duty cycle was measured to be 100%.

Test Result: N/A



Table 2.9.6-1 – Duty Cycle Results

Configuration	Fundamental Frequency (MHz)	Transmission On-Time (ms)	Repetition Period (ms)	Duty Cycle (%)
Antenna 1	2405	100.00	100.00	100.00
Antenna 1	2440	100.00	100.00	100.00
Antenna 1	2475	100.00	100.00	100.00
Antenna 2	2405	100.00	100.00	100.00
Antenna 2	2440	100.00	100.00	100.00
Antenna 2	2475	100.00	100.00	100.00

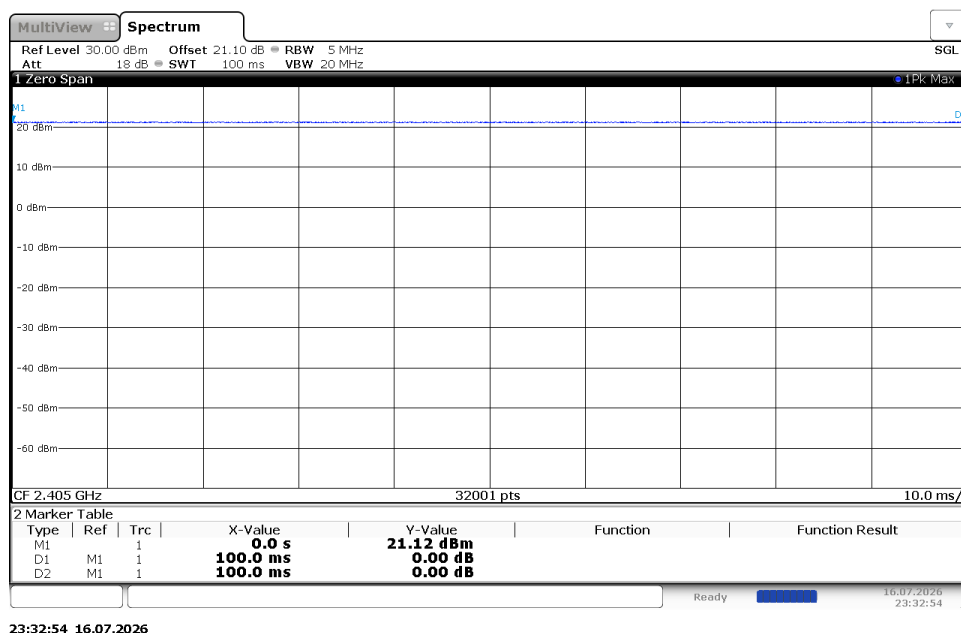


Figure 2.9.6-1 – Figure 4 - Duty Cycle - Antenna 1 - 2405 MHz



Figure 2.9.6-2 – Duty Cycle - Antenna 1 - 2440 MHz



Figure 2.9.6-3 – Duty Cycle - Antenna 1 - 2475 MHz



Figure 2.9.6-4 – Duty Cycle - Antenna 2 - 2405 MHz



Figure 2.9.6-5 – Duty Cycle - Antenna 2 - 2440 MHz



Figure 2.9.6-6 – Duty Cycle - Antenna 2 - 2475 MHz

2.9.7 Test Location and Test Equipment Used

This test was carried out in TÜV SÜD America, Inc., 141 14th Street NW, New Brighton, MN 55112, USA.

Device #	Manufacturer	Description	Model	Serial #	Cal Code	Cal Date	Cal Due
DEMC3049	Aeroflex Inmet	Atten 20dB 2.9mm-M/F, DC-26.5GH, 2W	26AH-20	1443	B	05/27/2025 06/12/2026	05/27/2026 06/12/2027
DEMC3085	Rohde & Schwarz	Signal & Spectrum Analyzer	FSW43	103997	G	08/29/2025	08/29/2026
BEMC02112	Teledyne Storm Products	Duratest 175 Cable 26.5GHz	921-0101-036	12-06-698	B	01/12/2026	01/12/2027

Cal Code G = Calibration performed by an accredited outside source.

Cal Code B = Calibration verification performed internally.

Cal Code Y = Passive Device, or Calibration not required when used with other calibrated equipment.

The test equipment was used only during the active cycle of the calibration period.



2.10 Power Line Conducted Emissions

2.10.1 Specification Reference

FCC: Section 15.207

2.10.2 Equipment Under Test and Modification State

As shown in §1.5 with modification state “0”, as noted in §1.7.

2.10.3 Date of Test

7/18/2026

2.10.4 Test Method

ANSI C63.10 section 6.2 was the guiding document for this evaluation. Conducted emissions were performed from 150 kHz to 30 MHz with the spectrum analyzer’s resolution bandwidth set to 9 kHz and the video bandwidth set to 30 kHz. The calculation for the conducted emissions is as follows:

$$\text{Corrected Reading} = \text{Analyzer Reading} + \text{LISN Loss} + \text{Cable Loss}$$

$$\text{Margin} = \text{Applicable Limit} - \text{Corrected Reading}$$

2.10.5 Environmental Conditions

Ambient Temperature	23 °C
Relative Humidity	35 %
Atmospheric Pressure	985 mBar

2.10.6 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.

2.10.7 Test Results

Table 2.10.7-1: Conducted Emissions Limits

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

Test Summary: EUT operated as intended before, during, and after testing.



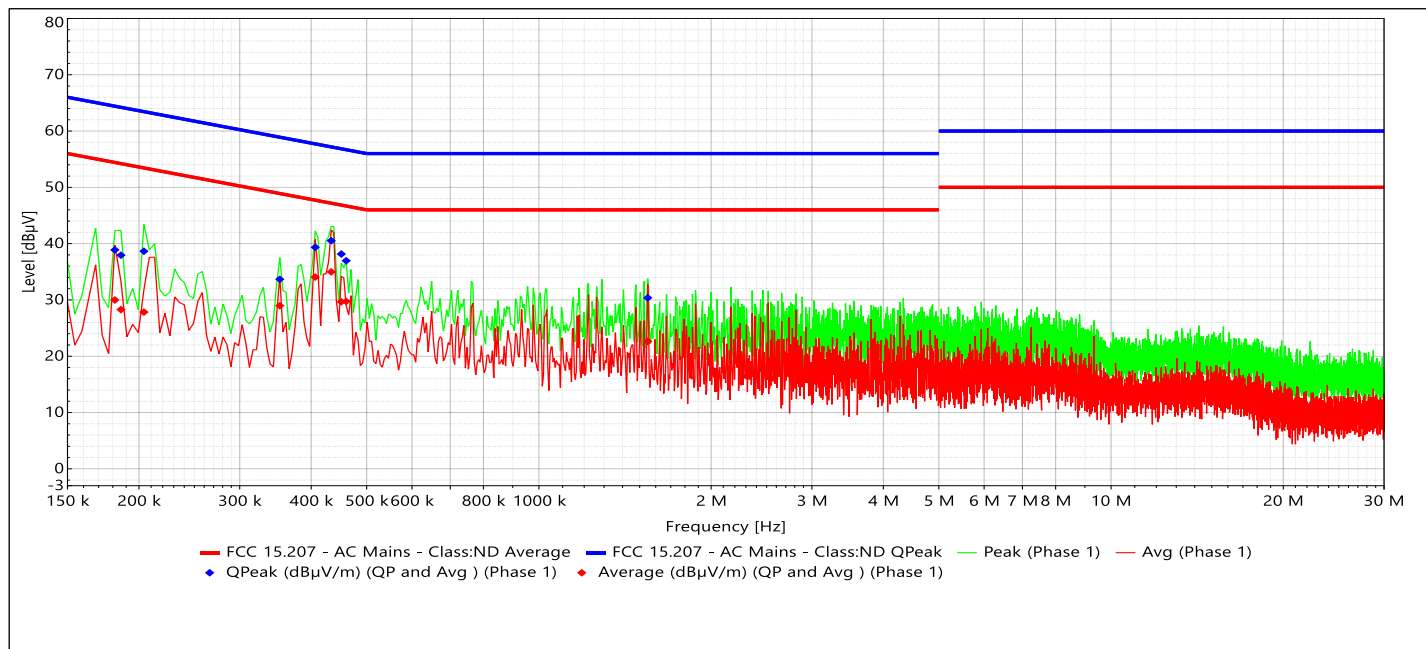
Test Result: Pass

See data below for detailed results.



L1 [120VAC, 60Hz - RF6 - Antenna 1

Frequency Range	Line Tested	RBW	Step Size	Sweep Time
150 kHz - 30 MHz	L1	9 kHz	4.5 kHz	Auto



Limit: FCC Part 15/FCC 15.207 - AC Mains
Test Date: 7/18/2026
Test Results: Pass

Figure 2.10.7-1 – Power Line Conducted Emissions Test Results

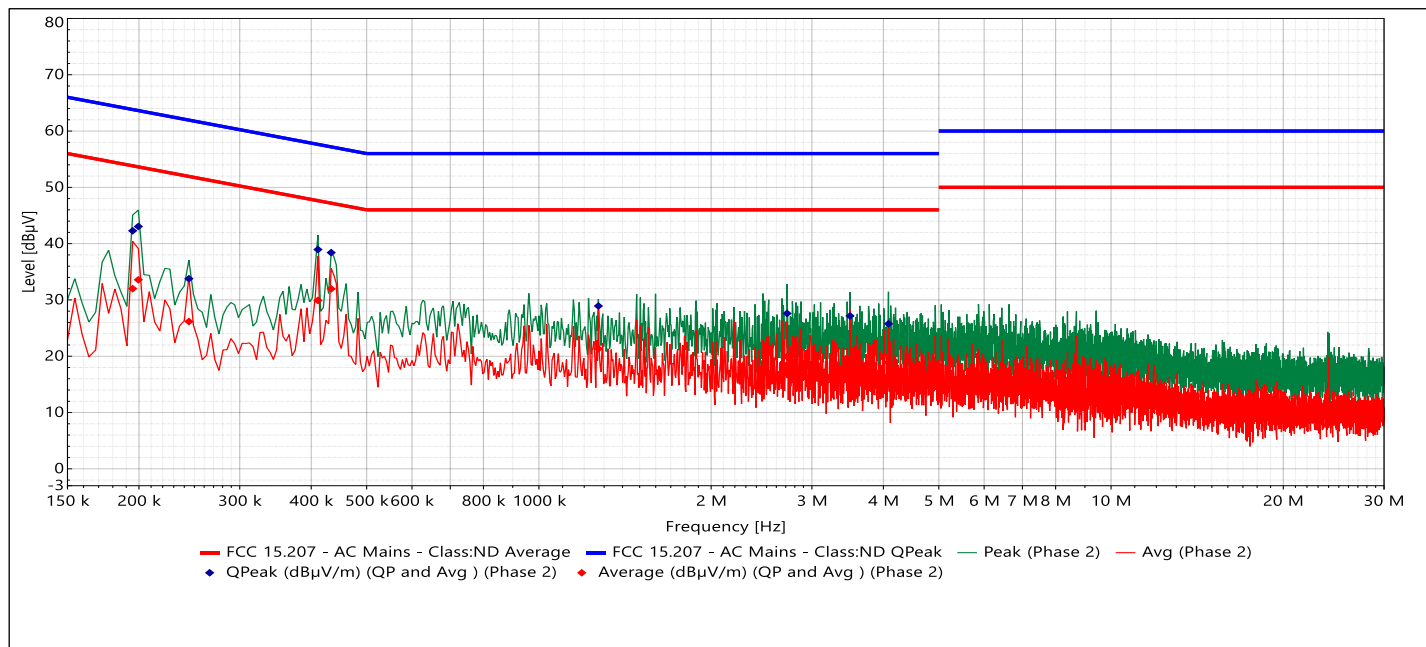
**Table 2.10.7-2 – Power Line Conducted Emissions Test Results**

Frequency (MHz)	Average (dBuV)	Average Limit (dBuV)	Average Margin (dB)	QPeak (dBuV)	QPeak Limit (dBuV)	QPeak Margin (dB)	Result
0.182	29.99	54.42	-24.43	38.89	64.42	-25.53	Pass
0.186	28.28	54.21	-25.93	37.95	64.21	-26.27	Pass
0.204	27.84	53.45	-25.61	38.65	63.45	-24.80	Pass
0.353	28.97	48.90	-19.93	33.67	58.90	-25.23	Pass
0.407	34.07	47.72	-13.65	39.35	57.72	-18.37	Pass
0.434	34.98	47.19	-12.20	40.52	57.19	-16.67	Pass
0.452	29.67	46.85	-17.18	38.16	56.85	-18.69	Pass
0.461	29.74	46.68	-16.94	36.96	56.68	-19.72	Pass
1.550	22.65	46.00	-23.35	30.38	56.00	-25.62	Pass



L2 [120VAC, 60Hz] - RF6 - Antenna 1

Frequency Range	Line Tested	RBW	Step Size	Sweep Time
150 kHz - 30 MHz	L2	9 kHz	4.5 kHz	Auto



Limit: FCC Part 15/FCC 15.207 - AC Mains
Test Date: 7/18/2026
Test Results: Pass

Figure 2.10.7-2 – Power Line Conducted Emissions Test Results

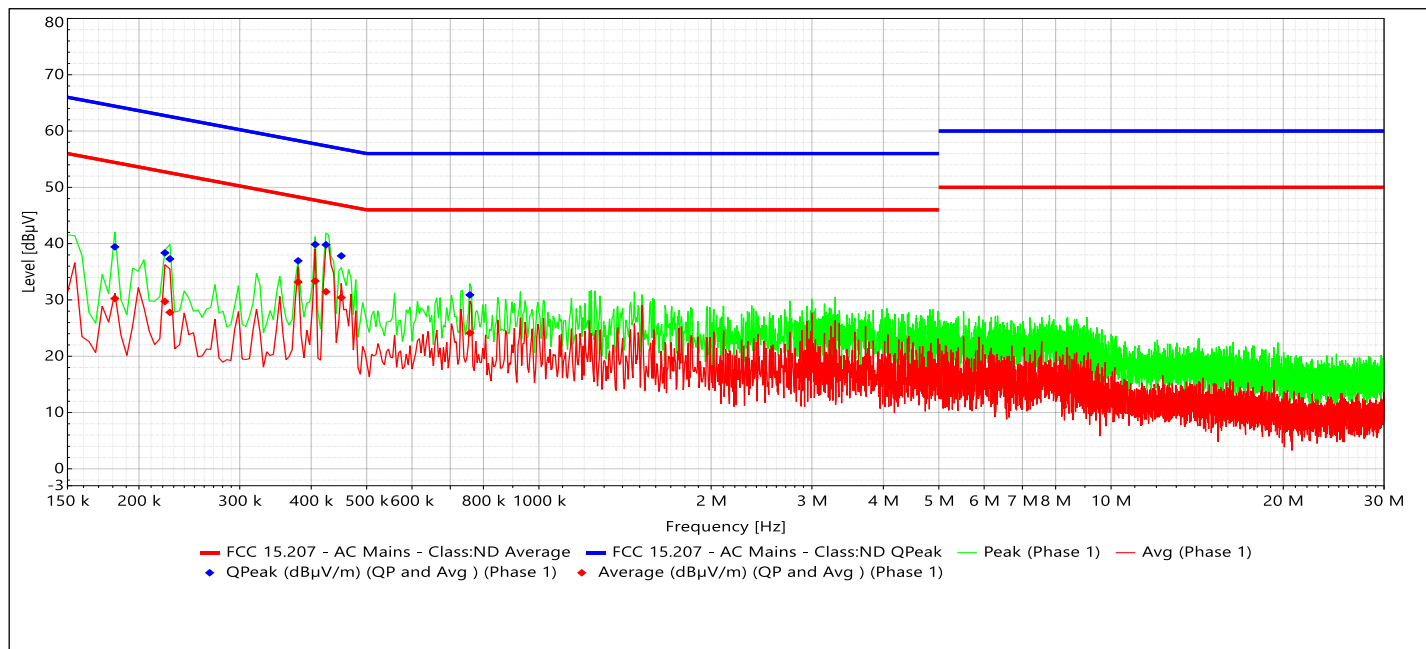
**Table 2.10.7-3 – Power Line Conducted Emissions Test Results**

Frequency (MHz)	Average (dBuV)	Average Limit (dBuV)	Average Margin (dB)	QPeak (dBuV)	QPeak Limit (dBuV)	QPeak Margin (dB)	Result
0.195	32.00	53.82	-21.82	42.28	63.82	-21.54	Pass
0.200	33.58	53.63	-20.06	43.05	63.63	-20.58	Pass
0.245	26.16	51.94	-25.78	33.77	61.94	-28.17	Pass
0.411	29.92	47.63	-17.71	38.95	57.63	-18.67	Pass
0.434	31.96	47.19	-15.22	38.41	57.19	-18.78	Pass
1.271	21.33	46.00	-24.67	28.92	56.00	-27.08	Pass
2.715	19.94	46.00	-26.06	27.59	56.00	-28.41	Pass
3.498	19.18	46.00	-26.82	27.16	56.00	-28.84	Pass
4.083	18.91	46.00	-27.09	25.76	56.00	-30.24	Pass



L1 [120VAC, 60Hz - RF6 - Antenna 2

Frequency Range	Line Tested	RBW	Step Size	Sweep Time
150 kHz - 30 MHz	L1	9 kHz	4.5 kHz	Auto



Limit: FCC Part 15/FCC 15.207 - AC Mains **Test Date:** 7/18/2026 **Test Results:** Pass

Figure 2.10.7-3 – Power Line Conducted Emissions Test Results

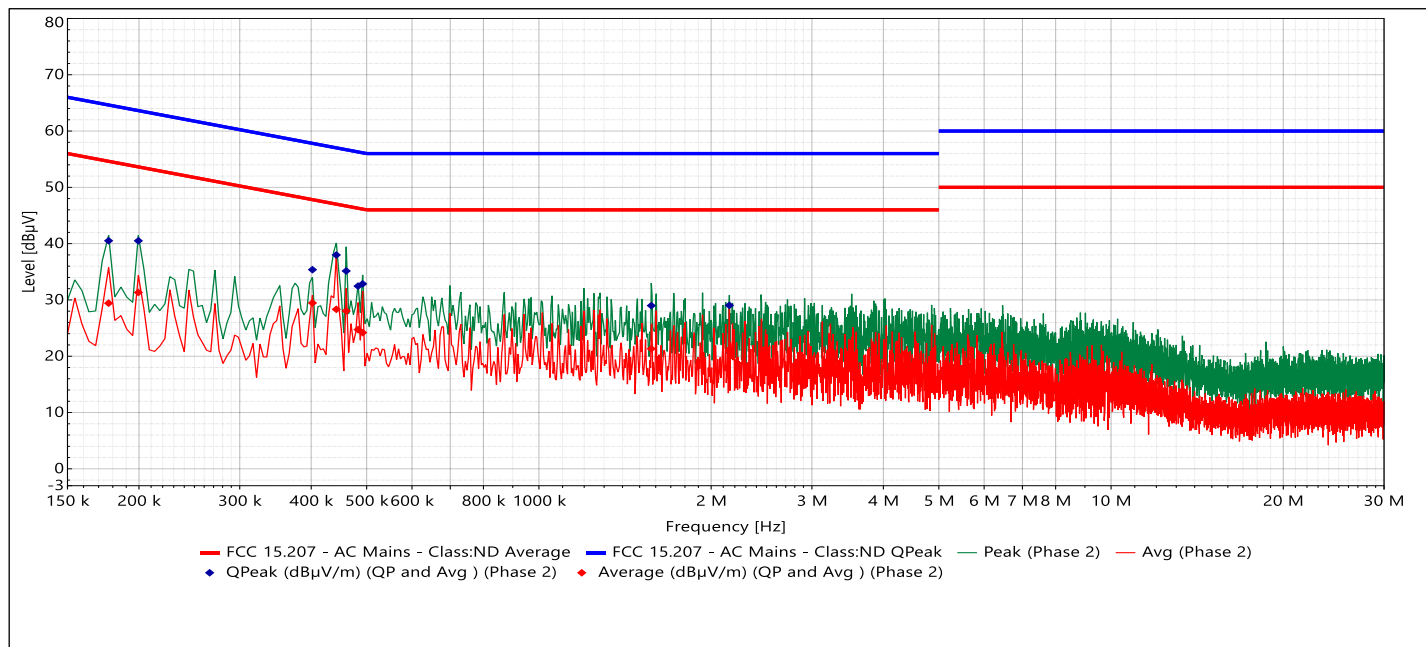
**Table 2.10.7-4– Power Line Conducted Emissions Test Results**

Frequency (MHz)	Average (dBuV)	Average Limit (dBuV)	Average Margin (dB)	QPeak (dBuV)	QPeak Limit (dBuV)	QPeak Margin (dB)	Result
0.182	30.25	54.42	-24.17	39.43	64.42	-24.99	Pass
0.222	29.72	52.74	-23.03	38.36	62.74	-24.38	Pass
0.227	27.79	52.58	-24.78	37.29	62.58	-25.29	Pass
0.380	33.17	48.29	-15.12	36.95	58.29	-21.35	Pass
0.407	33.36	47.72	-14.36	39.86	57.72	-17.86	Pass
0.425	31.46	47.36	-15.90	39.80	57.36	-17.56	Pass
0.452	30.42	46.85	-16.42	37.82	56.85	-19.02	Pass
0.758	24.12	46.00	-21.88	30.89	56.00	-25.11	Pass



L2 [120VAC, 60Hz] - RF6 - Antenna 2

Frequency Range	Line Tested	RBW	Step Size	Sweep Time
150 kHz - 30 MHz	L2	9 kHz	4.5 kHz	Auto



Limit: FCC Part 15/FCC 15.207 - AC Mains **Test Date:** 7/18/2026 **Test Results:** Pass

Figure 2.10.7-4 – Power Line Conducted Emissions Test Results

**Table 2.10.7-5 – Power Line Conducted Emissions Test Results**

Frequency (MHz)	Average (dBuV)	Average Limit (dBuV)	Average Margin (dB)	QPeak (dBuV)	QPeak Limit (dBuV)	QPeak Margin (dB)	Result
0.177	29.42	54.63	-25.20	40.51	64.63	-24.12	Pass
0.200	31.33	53.63	-22.31	40.50	63.63	-23.13	Pass
0.402	29.46	47.81	-18.35	35.37	57.81	-22.44	Pass
0.443	28.34	47.01	-18.68	37.99	57.01	-19.03	Pass
0.461	28.05	46.68	-18.63	35.14	56.68	-21.54	Pass
0.483	24.73	46.29	-21.56	32.46	56.29	-23.83	Pass
0.492	24.20	46.13	-21.94	32.85	56.13	-23.28	Pass
1.572	21.33	46.00	-24.67	28.99	56.00	-27.01	Pass
2.153	21.07	46.00	-24.93	29.04	56.00	-26.96	Pass

2.10.8 Test Location and Test Equipment Used

The tests were carried out in New Brighton, MN.
Test Area: GRP2

Table 2.10.8-1 – Conducted Emissions Test Equipment List

Device #	Manufacturer	Description	Model	Serial #	Cal Code	Cal Date	Cal Due
NBLE10459	Weinschel	Attenuator, 20 dB	34-20-34	BP1557	B	03/26/2026	03/25/2027
NBLE10572	Huber + Suhner	Cable, BNC 3M	EF142	10572	B	08/07/2025	08/07/2026
WRLE10944	Fischer Custom Comm.	LISN	FCC-LISN-50-25-2-10	120308	G	07/09/2025	07/09/2027
WRLE10998	Rohde & Schwarz	Receiver, 20 Hz-26.5 GHz	ESU 26	100379	G	09/02/2025	09/02/2026

Cal Code G = Calibration performed by an accredited outside source.

Cal Code B = Calibration verification performed internally.

Cal Code Y = Passive Device, or Calibration not required when used with other calibrated equipment.

3 Diagram of Test Set-ups

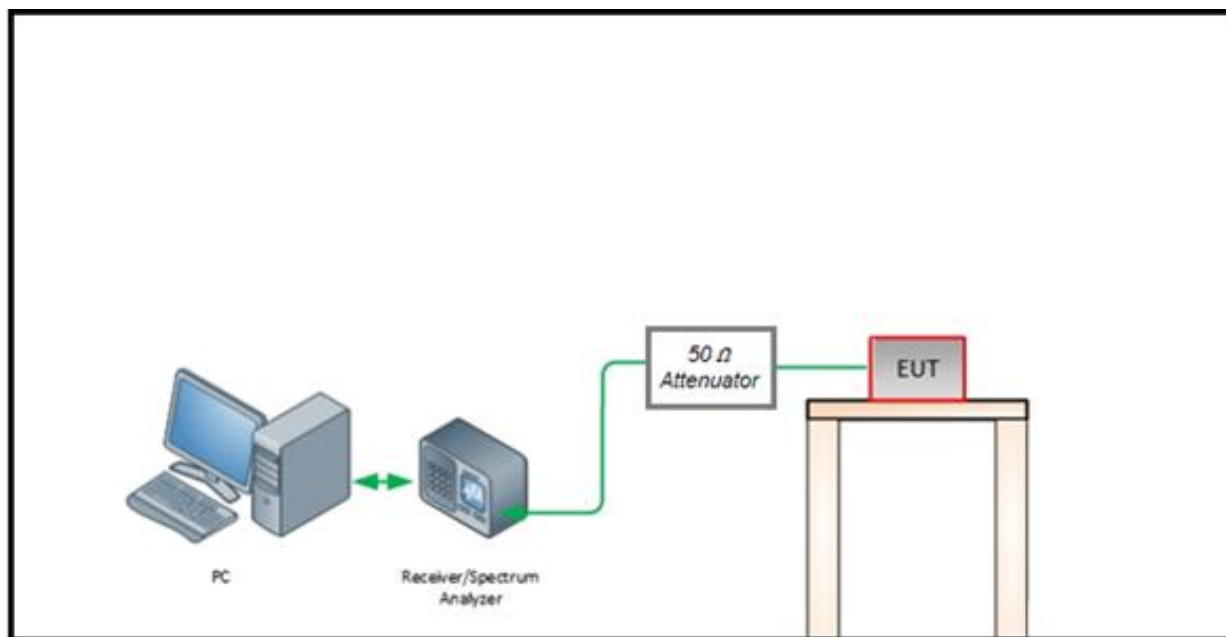


Figure 3-1 – RF Conducted Measurements Test Setup

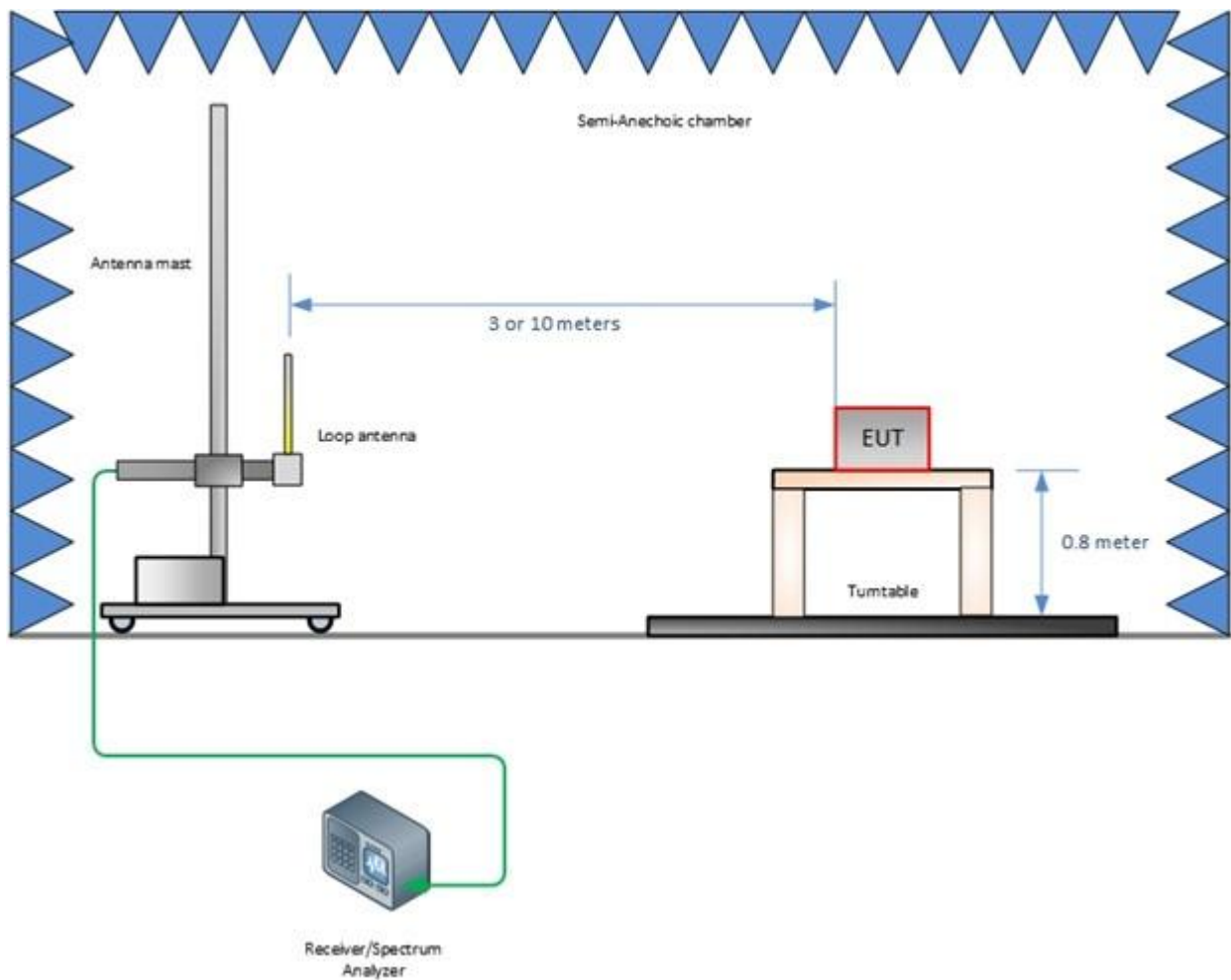


Figure 3-2 – Radiated Emissions Test Setup below 30 MHz

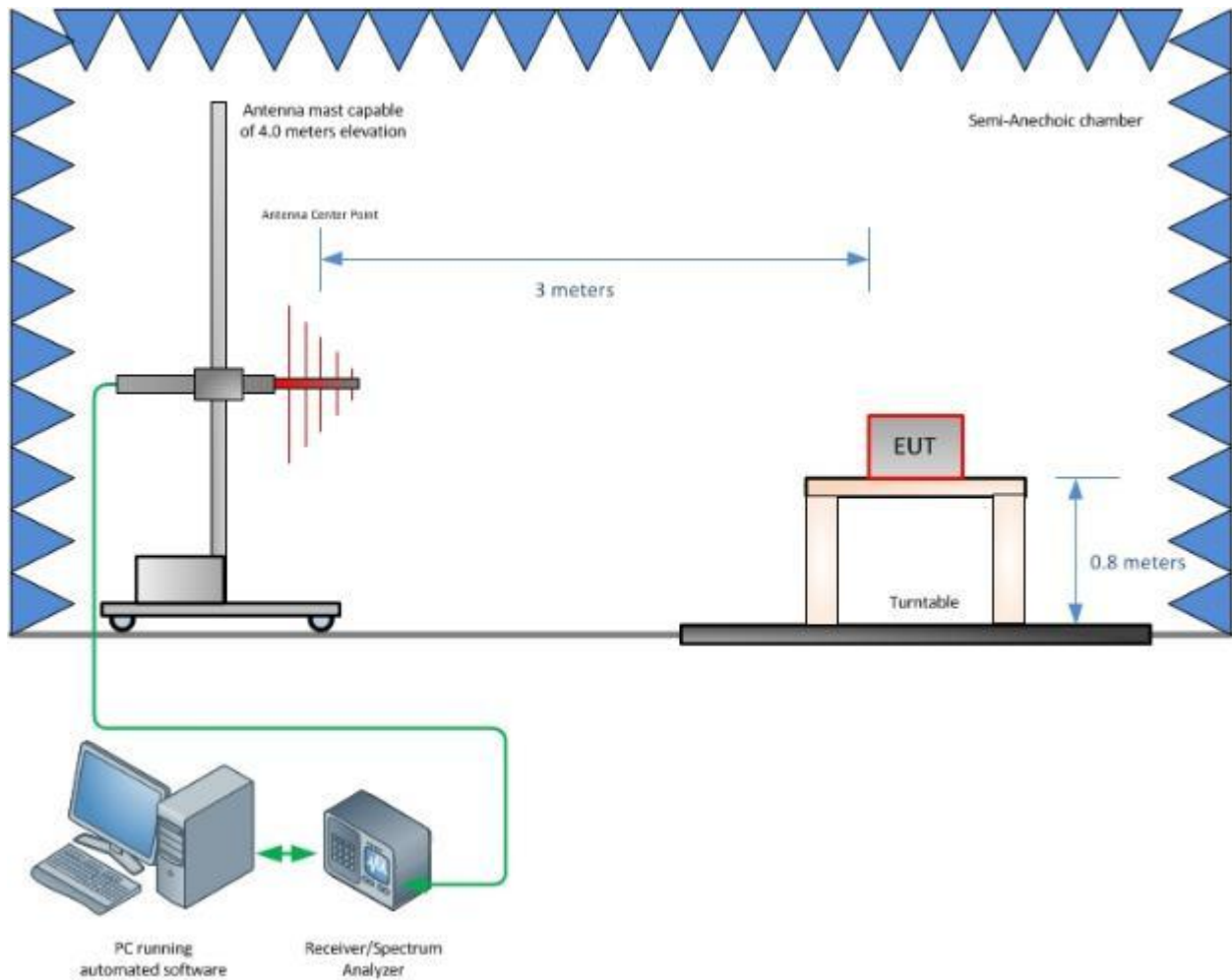


Figure 3-3 – Radiated Emissions Test Setup up to 1 GHz

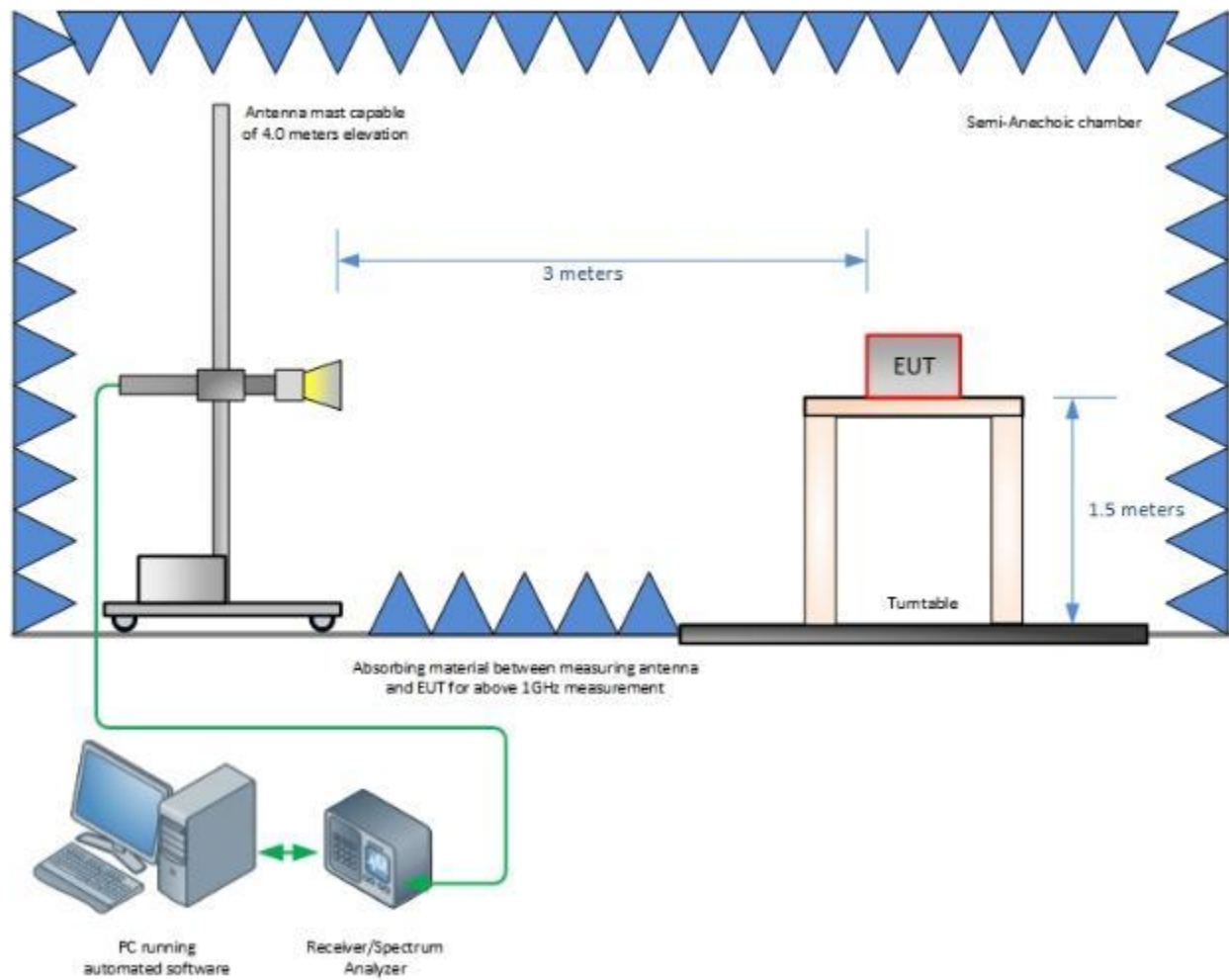


Figure 3-4 – Radiated Emissions Test Setup above 1 GHz

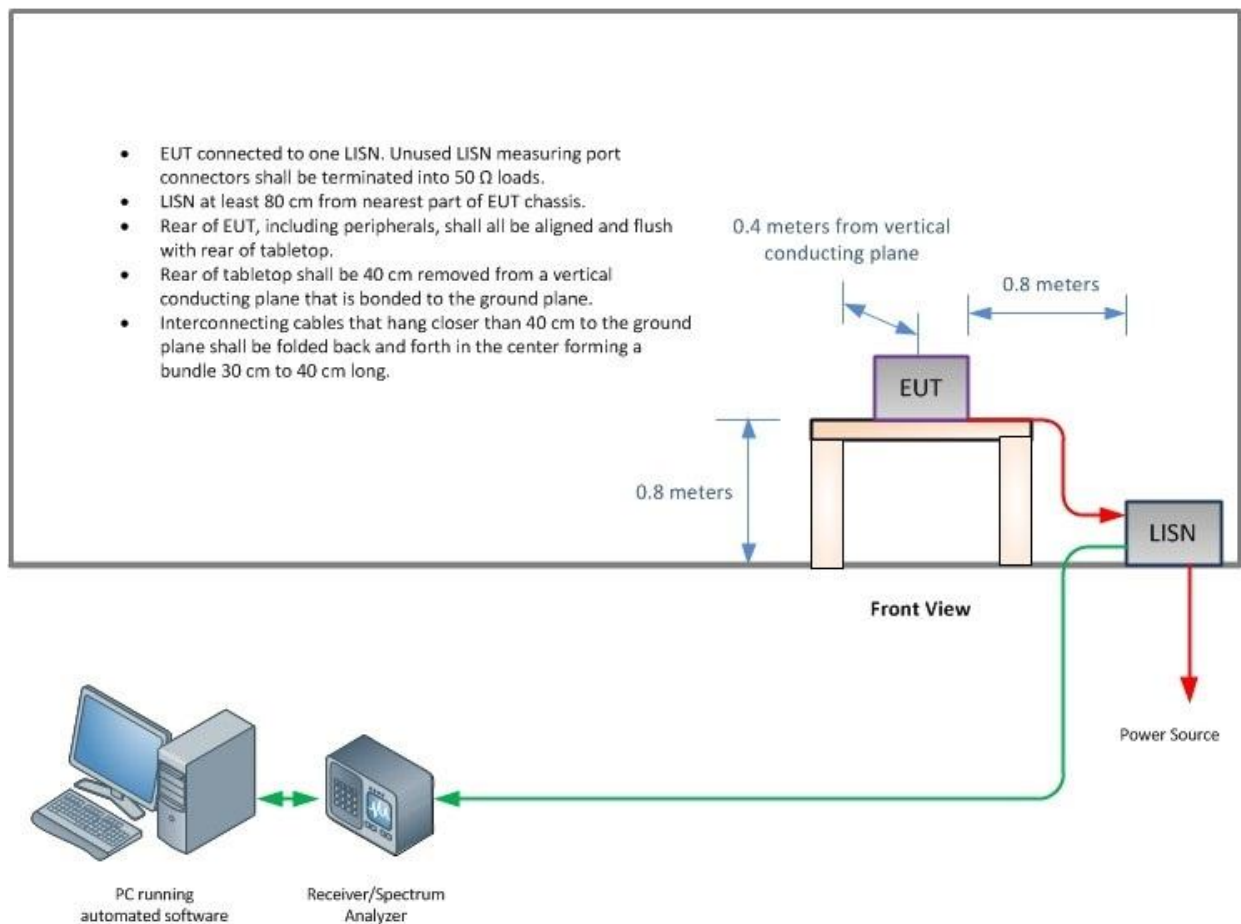


Figure 3-5 – Power Line Conducted Emissions Test Setup



4 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

Table 4-1- Values of U_{CISPR} and U_{Lab}

Measurement	U_{CISPR}	U_{Lab}
Radiated disturbance (electric field strength on an open area test site or alternative test site) (30 MHz – 1 000 MHz) (1 – 6 GHz) (6-18 GHz)	6.3 dB 5.2 dB 5.5 dB	5.88 dB 4.47 dB 4.478 dB
Power Line Conducted Emissions 150 kHz – 30 MHz	3.4 dB	3.30 dB
Occupied Channel Bandwidth	-----	±2.83 %
RF output power, conducted	-----	±0.61 dB
Power Spectral Density, conducted	-----	±1.13 dB
Unwanted Emissions, conducted	-----	±2.64 dB

Notes:

U_{CISPR} resembles a value of measurement uncertainty for a specific test, which was determined by considering uncertainties associated with the quantities listed in CISPR 16-4-2:2011.

The test system for conducted emissions is defined as the LISN, tuned receiver or spectrum analyzer, and coaxial cable. This test system has a measurement uncertainty of ±3.30 dB. The test system for radiated emissions is defined as the antenna, the pre-amplifier, the spectrum analyzer and the coaxial cable. This test system for 30 MHz-1000 MHz has a measurement uncertainty of ±5.88 dB and above 1 GHz a measurement uncertainty of ±4.47 dB. The measurement uncertainty values for conducted and radiated emissions meet the requirements as expressed in CISPR 16-4-2. The equipment comprising the test systems is calibrated on an annual basis.



5 Accreditation, Disclaimers and Copyright

TÜV SÜD America Inc.'s reports apply only to the specific sample tested under stated test conditions. It is the manufacturer's responsibility to assure the continued compliance of production units of this model. TÜV SÜD America, Inc. shall have no liability for any deductions, inferences or generalizations drawn by the client or others from TÜV SÜD America, Inc.'s issued reports.

This report is the confidential property of the client. As a mutual protection to our clients, the public and TÜV SÜD America, Inc., extracts from the test report shall not be reproduced, except in full without TÜV SÜD America, Inc.'s written approval.

This report must not be used to claim product certification, approval, or endorsement by A2LA, NIST, or any agency of the federal government.