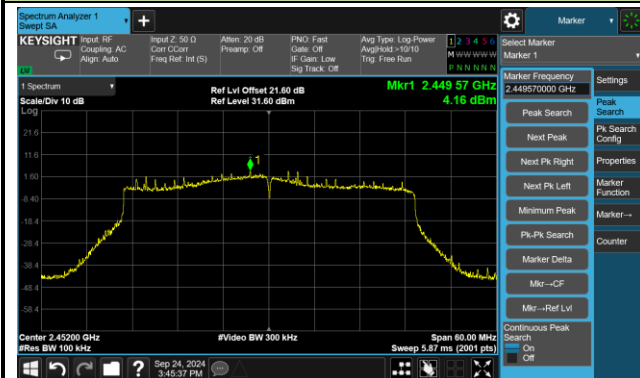


802.11 be-EHT40 Out-of-Band Emissions – Ant 0

Channel 09 (2452MHz)

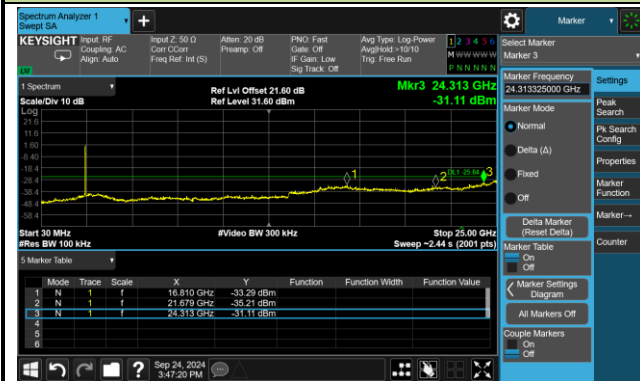
Reference Level



High Band Edge



Spurious Emission



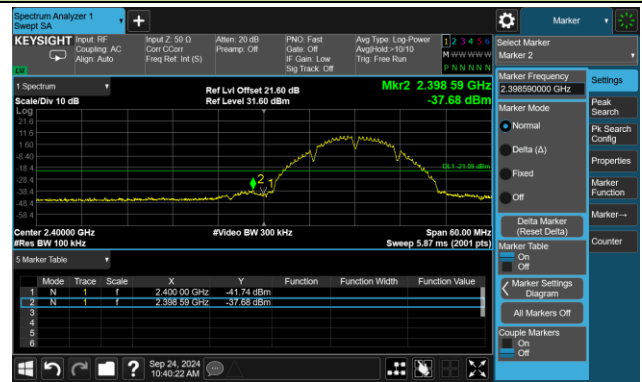
802.11b Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

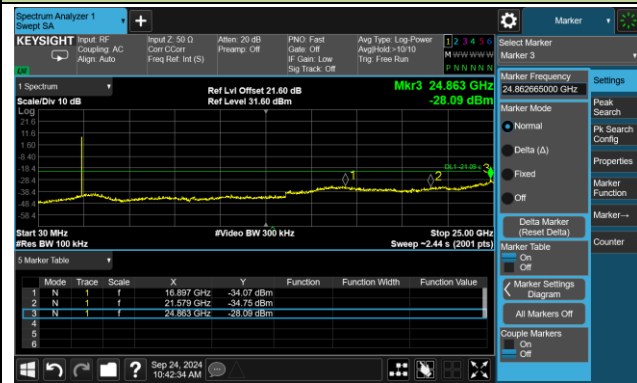
Reference Level



Low Band Edge



Spurious Emission

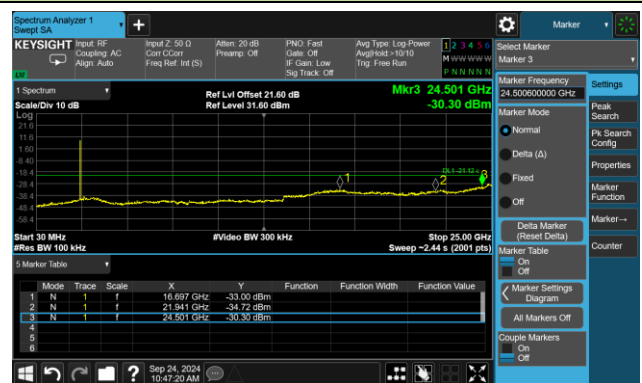


Channel 06 (2437MHz)

Reference Level



Spurious Emission



802.11b Out-of-Band Emissions – Ant 1

Channel 11 (2462MHz)

Reference Level



High Band Edge



Spurious Emission



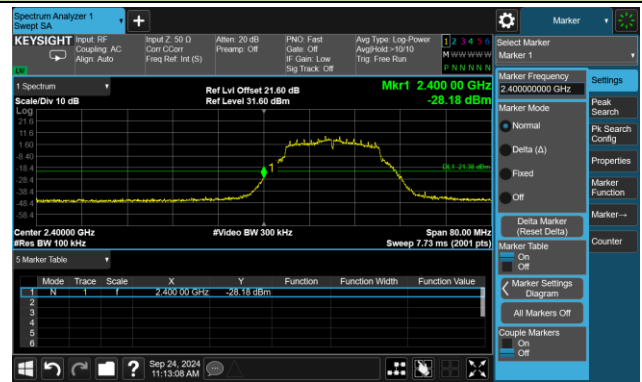
802.11g Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

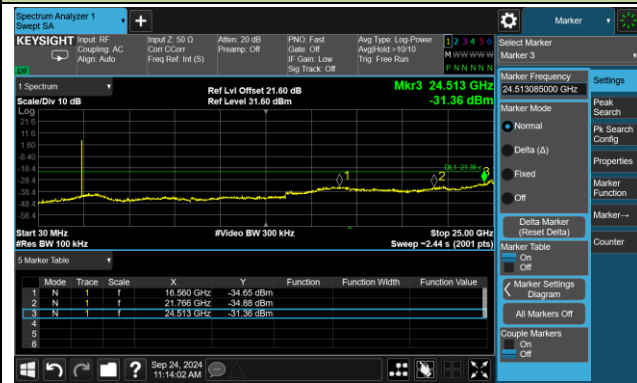
Reference Level



Low Band Edge



Spurious Emission

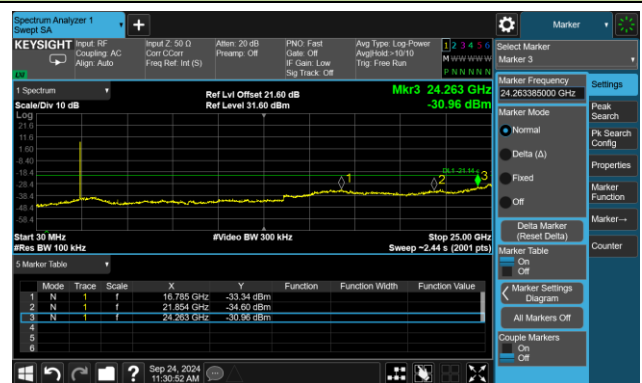


Channel 06 (2437MHz)

Reference Level



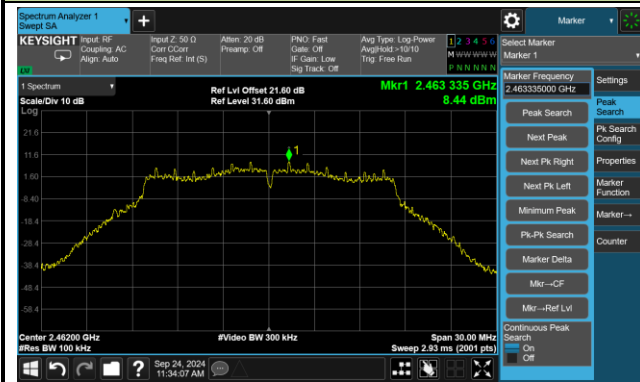
Spurious Emission



802.11g Out-of-Band Emissions – Ant 1

Channel 11 (2462MHz)

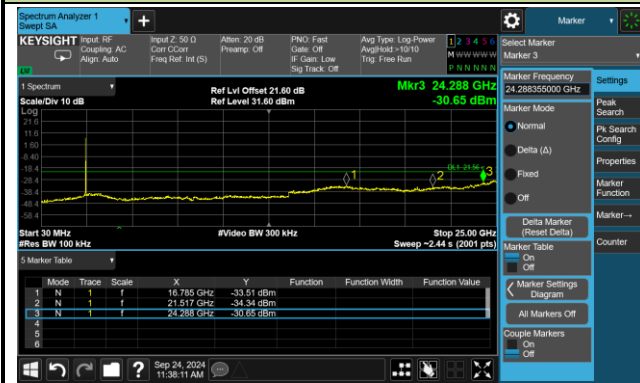
Reference Level



High Band Edge



Spurious Emission



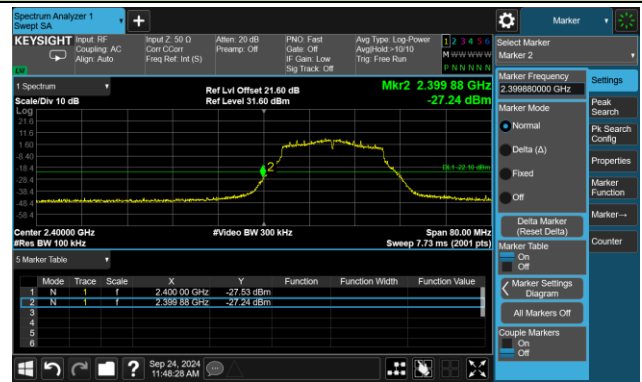
802.11n-HT20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

Reference Level



Low Band Edge



Spurious Emission

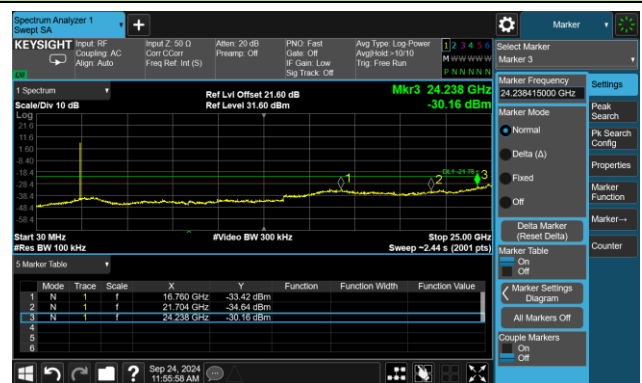


Channel 06 (2437MHz)

Reference Level



Spurious Emission



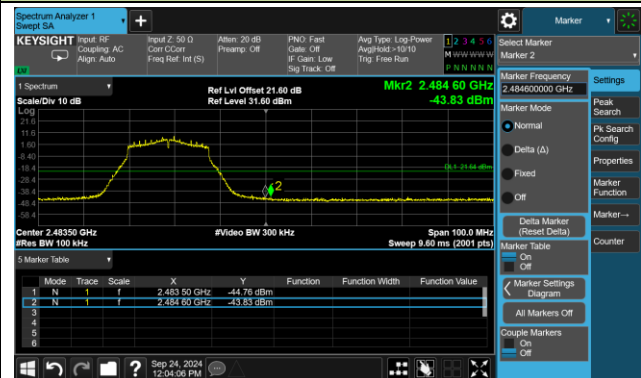
802.11n-HT20 Out-of-Band Emissions – Ant 1

Channel 11 (2462MHz)

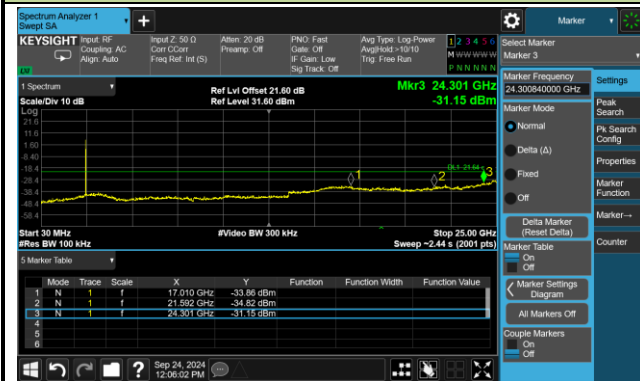
Reference Level



High Band Edge



Spurious Emission



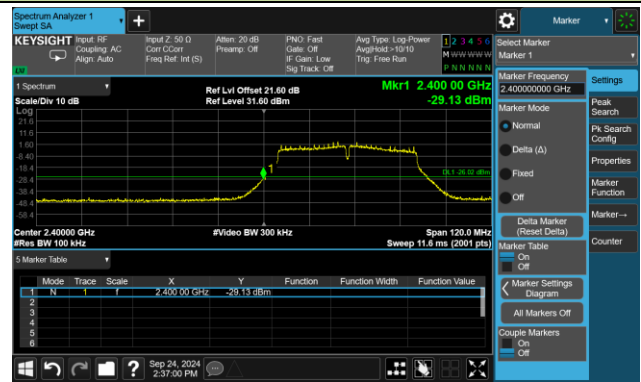
802.11n-HT40 Out-of-Band Emissions – Ant 1

Channel 03 (2422MHz)

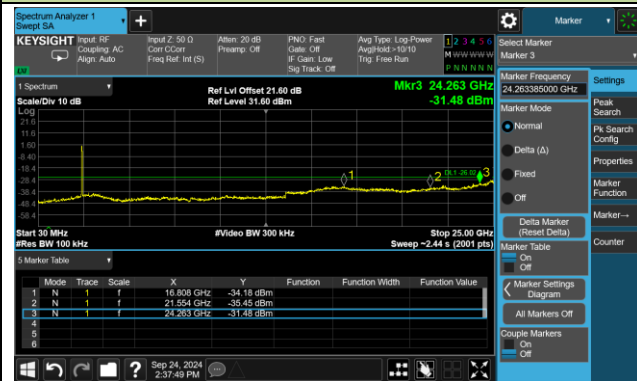
Reference Level



Low Band Edge



Spurious Emission

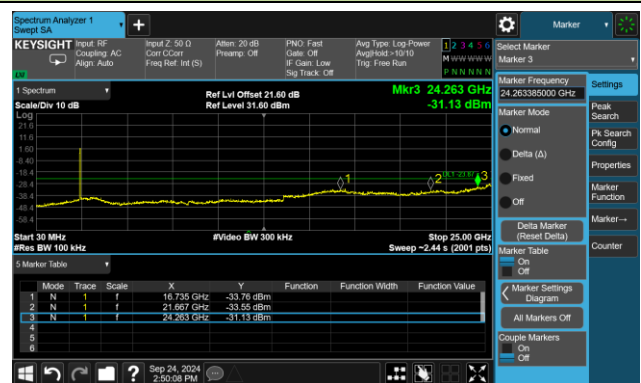


Channel 06 (2437MHz)

Reference Level



Spurious Emission



802.11n-HT40 Out-of-Band Emissions – Ant 1

Channel 09 (2452MHz)

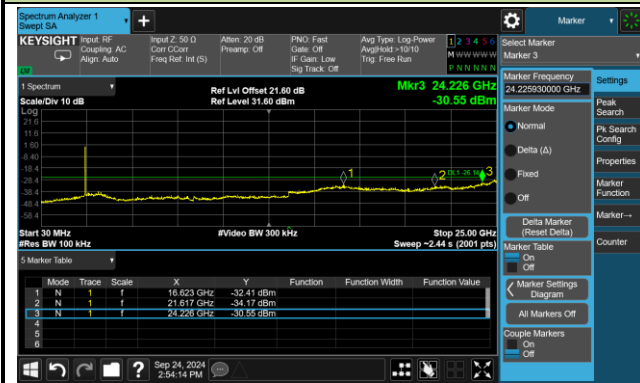
Reference Level



High Band Edge



Spurious Emission



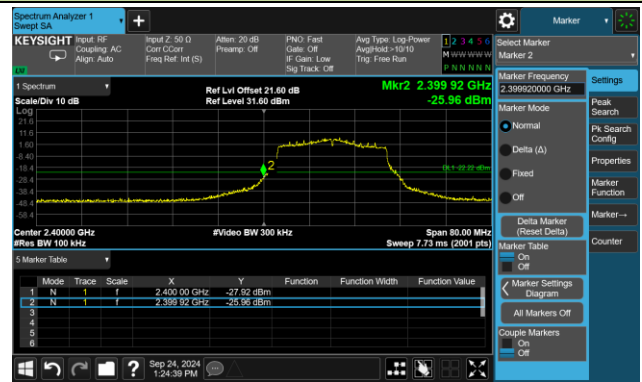
802.11ax-HE20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

Reference Level



Low Band Edge



Spurious Emission

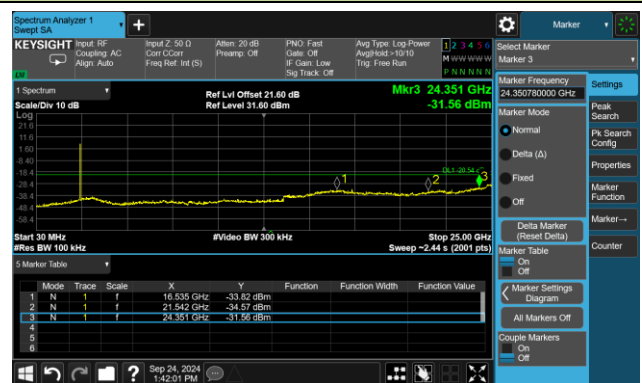


Channel 06 (2437MHz)

Reference Level



Spurious Emission



802.11ax-HE20 Out-of-Band Emissions – Ant 1

Channel 11 (2462MHz)

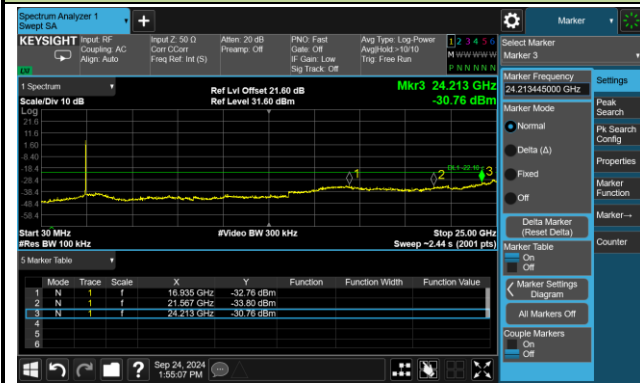
Reference Level



High Band Edge



Spurious Emission



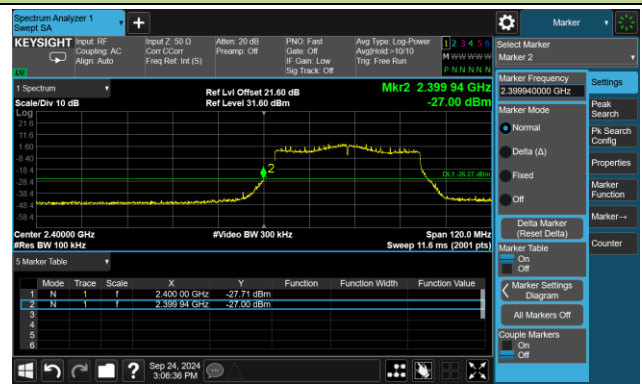
802.11ax-HE40 Out-of-Band Emissions – Ant 1

Channel 03 (2422MHz)

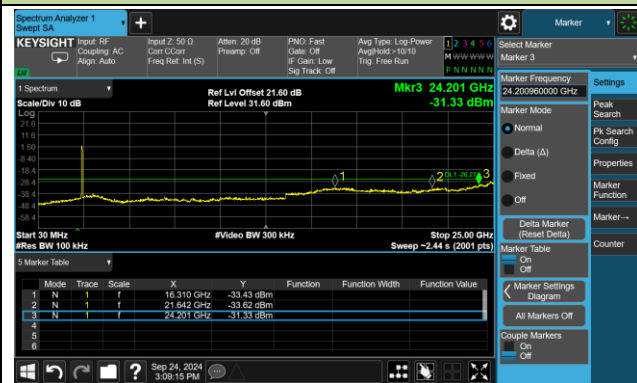
Reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

Reference Level



Spurious Emission



802.11ax-HE40 Out-of-Band Emissions – Ant 1

Channel 09 (2452MHz)

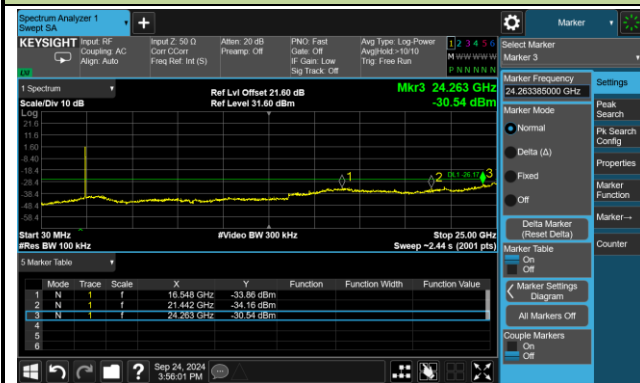
Reference Level



High Band Edge



Spurious Emission



802.11be-EHT20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

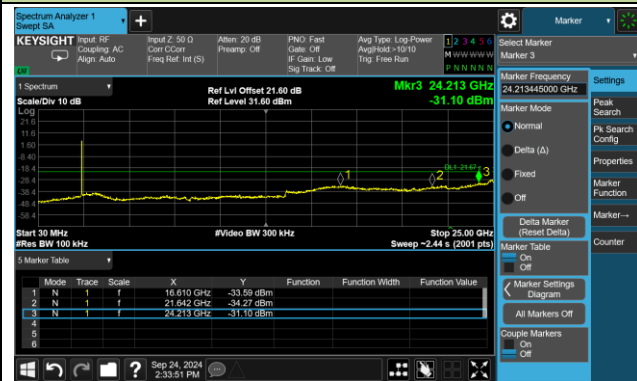
Reference Level



Low Band Edge



Spurious Emission

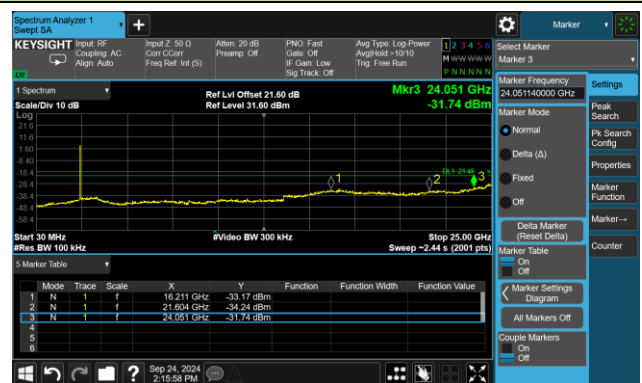


Channel 06 (2437MHz)

Reference Level



Spurious Emission



802.11 be-EHT20 Out-of-Band Emissions – Ant 1

Channel 11 (2462MHz)

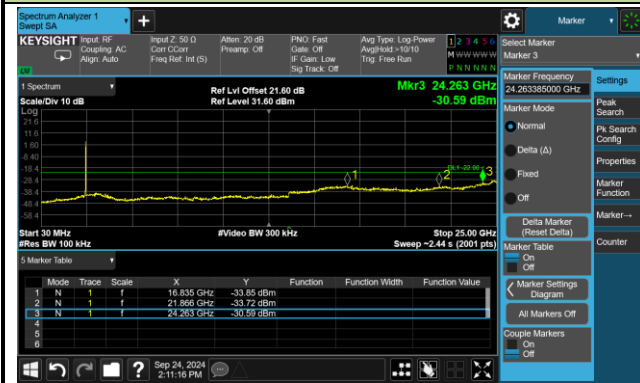
Reference Level



High Band Edge



Spurious Emission



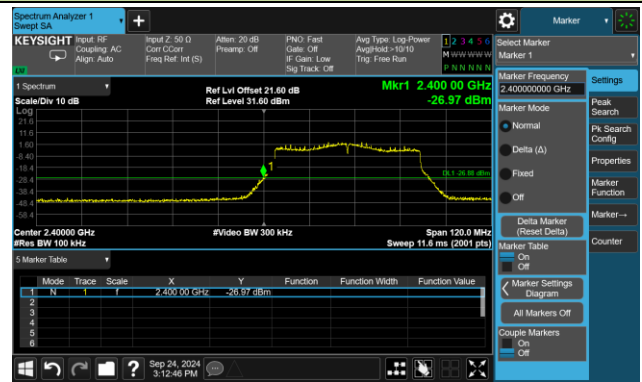
802.11 be-EHT40 Out-of-Band Emissions – Ant 1

Channel 03 (2422MHz)

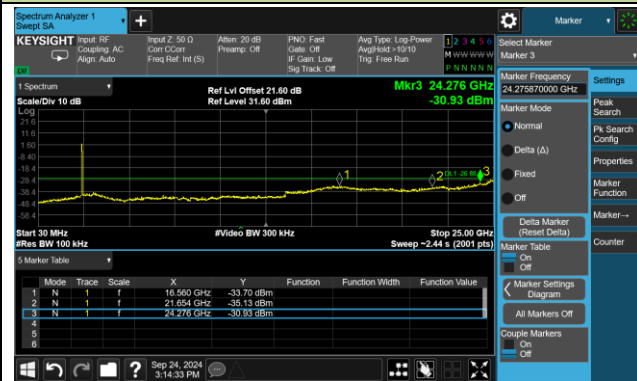
Reference Level



Low Band Edge

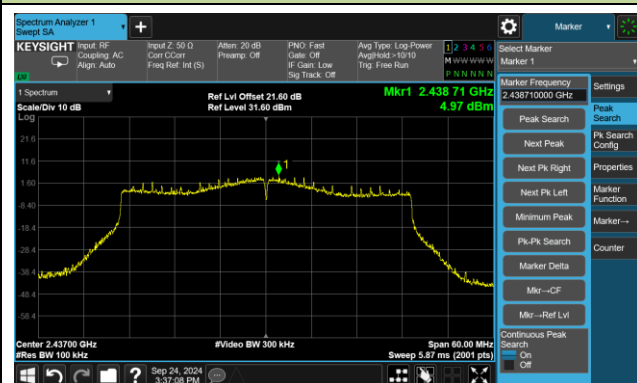


Spurious Emission

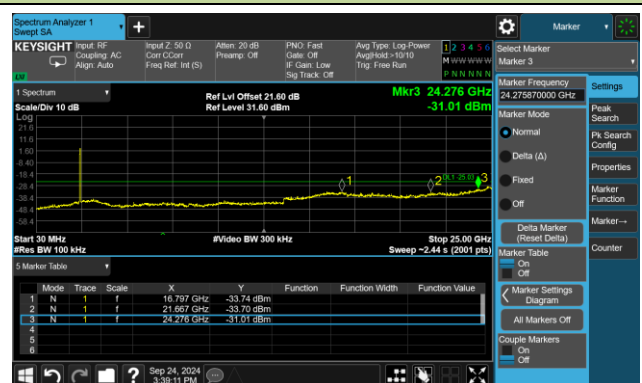


Channel 06 (2437MHz)

Reference Level



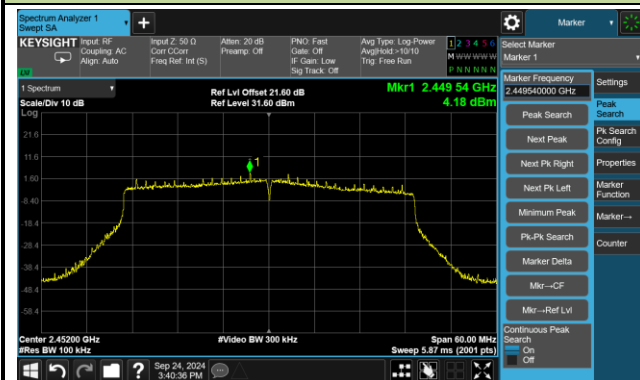
Spurious Emission



802.11 be-EHT40 Out-of-Band Emissions – Ant 1

Channel 09 (2452MHz)

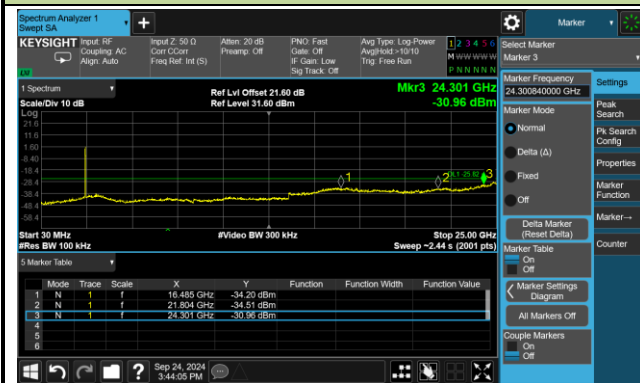
Reference Level



High Band Edge



Spurious Emission



A.6 Radiated Spurious Emission Test Result

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-20 ~ 2024-09-22	Test Mode	802.11b
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	4823.3	41.8	0.0	41.8	74.0	-32.2	Peak	Horizontal
	8388.2	40.0	6.0	46.0	74.0	-28.0	Peak	Horizontal
	12058.5	43.8	5.1	48.9	74.0	-25.1	Peak	Horizontal
	8393.3	39.2	6.0	45.2	74.0	-28.8	Peak	Vertical
	11635.2	43.0	4.9	47.9	74.0	-26.1	Peak	Vertical
	12058.5	44.1	5.1	49.2	74.0	-24.8	Peak	Vertical
06	7471.9	40.1	5.2	45.3	74.0	-28.7	Peak	Horizontal
	8425.6	39.8	6.0	45.8	74.0	-28.2	Peak	Horizontal
	12186.0	40.2	5.0	45.2	54.0	-8.8	Average	Horizontal
	12186.0	46.9	5.0	51.9	74.0	-22.1	Peak	Horizontal
	7429.4	40.7	5.0	45.7	74.0	-28.3	Peak	Vertical
	11203.4	42.6	5.3	47.9	74.0	-26.1	Peak	Vertical
	12186.0	44.5	5.0	49.5	74.0	-24.5	Peak	Vertical
11	7434.5	40.6	5.0	45.6	74.0	-28.4	Peak	Horizontal
	8355.9	39.7	5.9	45.6	74.0	-28.4	Peak	Horizontal
	12308.4	43.6	4.7	48.3	54.0	-5.7	Average	Horizontal
	12308.4	49.3	4.7	54.0	74.0	-20.0	Peak	Horizontal
	8561.6	39.9	6.1	46.0	68.2	-22.2	Peak	Vertical
	11414.2	42.1	5.5	47.6	74.0	-26.4	Peak	Vertical
	12310.1	46.3	4.7	51.0	74.0	-23.0	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-20 ~ 2024-09-22	Test Mode	802.11g
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	8396.7	38.8	6.0	44.8	74.0	-29.2	Peak	Horizontal
	11468.6	42.4	5.4	47.8	74.0	-26.2	Peak	Horizontal
	12505.6	43.7	5.0	48.7	74.0	-25.3	Peak	Horizontal
	7607.9	41.3	4.8	46.1	74.0	-27.9	Peak	Vertical
	11390.4	42.3	5.5	47.8	74.0	-26.2	Peak	Vertical
	12189.4	43.7	5.0	48.7	74.0	-25.3	Peak	Vertical
06	8354.2	39.9	5.9	45.8	74.0	-28.2	Peak	Horizontal
	11490.7	42.6	5.3	47.9	74.0	-26.1	Peak	Horizontal
	12182.6	45.8	5.0	50.8	74.0	-23.2	Peak	Horizontal
	7341.0	40.2	5.1	45.3	74.0	-28.7	Peak	Vertical
	11449.9	42.4	5.3	47.7	74.0	-26.3	Peak	Vertical
	12179.2	44.0	5.1	49.1	74.0	-24.9	Peak	Vertical
11	8378.0	39.9	5.9	45.8	74.0	-28.2	Peak	Horizontal
	11262.9	42.7	5.4	48.1	74.0	-25.9	Peak	Horizontal
	12311.8	36.3	4.7	41.0	54.0	-13.0	Average	Horizontal
	12311.8	46.7	4.7	51.4	74.0	-22.6	Peak	Horizontal
	8214.8	40.2	5.7	45.9	74.0	-28.1	Peak	Vertical
	11441.4	42.5	5.3	47.8	74.0	-26.2	Peak	Vertical
	12558.3	44.2	5.2	49.4	74.0	-24.6	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-20 ~ 2024-09-22	Test Mode	802.11n-HT20
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	8284.5	39.2	5.8	45.0	74.0	-29.0	Peak	Horizontal
	11626.7	43.2	5.0	48.2	74.0	-25.8	Peak	Horizontal
	12260.8	43.8	4.8	48.6	74.0	-25.4	Peak	Horizontal
	8401.8	39.3	6.0	45.3	74.0	-28.7	Peak	Vertical
	11048.7	42.2	5.1	47.3	74.0	-26.7	Peak	Vertical
	12204.7	43.8	4.9	48.7	74.0	-25.3	Peak	Vertical
06	8464.7	40.2	6.0	46.2	74.0	-27.8	Peak	Horizontal
	12123.1	44.0	5.0	49.0	74.0	-25.0	Peak	Horizontal
	12646.7	43.8	5.6	49.4	74.0	-24.6	Peak	Horizontal
	8405.2	39.4	6.0	45.4	74.0	-28.6	Peak	Vertical
	11854.5	43.0	4.9	47.9	74.0	-26.1	Peak	Vertical
	12645.0	43.5	5.6	49.1	74.0	-24.9	Peak	Vertical
11	8371.2	41.0	5.9	46.9	74.0	-27.1	Peak	Horizontal
	11742.3	43.6	4.8	48.4	74.0	-25.6	Peak	Horizontal
	12311.8	37.7	4.7	42.4	54.0	-11.6	Average	Horizontal
	12311.8	50.7	4.7	55.4	74.0	-18.6	Peak	Horizontal
	2463.7	38.0	-4.9	33.1	68.2	-35.1	Peak	Vertical
	8457.9	39.5	6.0	45.5	74.0	-28.5	Peak	Vertical
	11784.8	43.0	4.8	47.8	74.0	-26.2	Peak	Vertical
	12517.5	44.1	5.0	49.1	74.0	-24.9	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-20 ~ 2024-09-22	Test Mode	802.11n-HT40
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	8209.7	39.5	5.7	45.2	74.0	-28.8	Peak	Horizontal
	11295.2	41.9	5.4	47.3	74.0	-26.7	Peak	Horizontal
	12595.7	43.4	5.3	48.7	74.0	-25.3	Peak	Horizontal
	8330.4	39.5	5.8	45.3	74.0	-28.7	Peak	Vertical
	11271.4	42.4	5.4	47.8	74.0	-26.2	Peak	Vertical
	12534.5	42.8	5.1	47.9	74.0	-26.1	Peak	Vertical
06	8196.1	39.8	5.6	45.4	74.0	-28.6	Peak	Horizontal
	11330.9	41.7	5.4	47.1	74.0	-26.9	Peak	Horizontal
	12174.1	44.2	5.1	49.3	74.0	-24.7	Peak	Horizontal
	8354.2	40.4	5.9	46.3	74.0	-27.7	Peak	Vertical
	11356.4	41.9	5.5	47.4	74.0	-26.6	Peak	Vertical
	11992.2	42.9	5.1	48.0	74.0	-26.0	Peak	Vertical
09	3839.0	41.7	-1.3	40.4	74.0	-33.6	Peak	Horizontal
	4935.5	41.8	0.1	41.9	74.0	-32.1	Peak	Horizontal
	12279.5	43.3	4.9	48.2	74.0	-25.8	Peak	Horizontal
	5049.4	42.1	0.1	42.2	74.0	-31.8	Peak	Vertical
	12291.4	44.0	4.9	48.9	74.0	-25.1	Peak	Vertical
	12697.7	44.2	5.5	49.7	74.0	-24.3	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-20 ~ 2024-09-22	Test Mode	802.11ax-HE20
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	8386.5	38.9	6.0	44.9	74.0	-29.1	Peak	Horizontal
	11585.9	42.1	5.1	47.2	74.0	-26.8	Peak	Horizontal
	12616.1	44.0	5.4	49.4	74.0	-24.6	Peak	Horizontal
	8337.2	39.6	5.8	45.4	74.0	-28.6	Peak	Vertical
	11366.6	42.6	5.5	48.1	74.0	-25.9	Peak	Vertical
	12650.1	43.3	5.6	48.9	74.0	-25.1	Peak	Vertical
06	8430.7	38.8	6.0	44.8	74.0	-29.2	Peak	Horizontal
	11268.0	42.0	5.4	47.4	74.0	-26.6	Peak	Horizontal
	12532.8	43.9	5.1	49.0	74.0	-25.0	Peak	Horizontal
	8192.7	39.9	5.6	45.5	74.0	-28.5	Peak	Vertical
	11567.2	42.2	5.1	47.3	74.0	-26.7	Peak	Vertical
	12643.3	42.7	5.6	48.3	74.0	-25.7	Peak	Vertical
11	8420.5	40.7	6.0	46.7	74.0	-27.3	Peak	Horizontal
	11251.0	42.3	5.4	47.7	74.0	-26.3	Peak	Horizontal
	12310.1	46.1	4.7	50.8	74.0	-23.2	Peak	Horizontal
	7407.3	39.7	5.3	45.0	74.0	-29.0	Peak	Vertical
	11463.5	42.5	5.3	47.8	74.0	-26.2	Peak	Vertical
	12167.3	42.9	5.1	48.0	74.0	-26.0	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-20 ~ 2024-09-22	Test Mode	802.11ax-HE40
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	8196.1	41.0	5.6	46.6	74.0	-27.4	Peak	Horizontal
	11558.7	43.7	5.0	48.7	74.0	-25.3	Peak	Horizontal
	12531.1	43.8	5.1	48.9	74.0	-25.1	Peak	Horizontal
	8454.5	40.1	6.0	46.1	74.0	-27.9	Peak	Vertical
	11468.6	42.5	5.4	47.9	74.0	-26.1	Peak	Vertical
	12488.6	43.9	4.9	48.8	74.0	-25.2	Peak	Vertical
06	8104.3	39.8	5.6	45.4	74.0	-28.6	Peak	Horizontal
	12197.9	44.2	5.0	49.2	74.0	-24.8	Peak	Horizontal
	12495.4	44.6	5.0	49.6	74.0	-24.4	Peak	Horizontal
	8461.3	39.7	6.0	45.7	74.0	-28.3	Peak	Vertical
	11296.9	42.2	5.4	47.6	74.0	-26.4	Peak	Vertical
	12503.9	44.5	5.0	49.5	74.0	-24.5	Peak	Vertical
09	8388.2	39.5	6.0	45.5	74.0	-28.5	Peak	Horizontal
	11813.7	43.9	4.8	48.7	74.0	-25.3	Peak	Horizontal
	12549.8	43.6	5.2	48.8	74.0	-25.2	Peak	Horizontal
	7633.4	40.7	4.9	45.6	74.0	-28.4	Peak	Vertical
	11422.7	42.6	5.4	48.0	74.0	-26.0	Peak	Vertical
	12527.7	43.1	5.1	48.2	74.0	-25.8	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-20 ~ 2024-09-22	Test Mode	802.11be-EHT20
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	8417.1	40.1	5.9	46.0	74.0	-28.0	Peak	Horizontal
	11166.0	42.0	5.1	47.1	74.0	-26.9	Peak	Horizontal
	12228.5	43.5	4.8	48.3	74.0	-25.7	Peak	Horizontal
	8381.4	39.1	5.9	45.0	74.0	-29.0	Peak	Vertical
	11679.4	42.9	4.8	47.7	74.0	-26.3	Peak	Vertical
	12446.1	43.5	4.8	48.3	74.0	-25.7	Peak	Vertical
06	8405.2	39.3	6.0	45.3	74.0	-28.7	Peak	Horizontal
	11502.6	42.6	5.3	47.9	74.0	-26.1	Peak	Horizontal
	12191.1	45.1	5.0	50.1	74.0	-23.9	Peak	Horizontal
	8401.8	39.8	6.0	45.8	74.0	-28.2	Peak	Vertical
	11176.2	42.7	5.2	47.9	74.0	-26.1	Peak	Vertical
	12288.0	43.4	5.0	48.4	74.0	-25.6	Peak	Vertical
11	8342.3	39.3	5.8	45.1	74.0	-28.9	Peak	Horizontal
	10911.0	42.6	5.3	47.9	74.0	-26.1	Peak	Horizontal
	12313.5	45.5	4.7	50.2	74.0	-23.8	Peak	Horizontal
	8386.5	39.2	6.0	45.2	74.0	-28.8	Peak	Vertical
	11480.5	42.3	5.4	47.7	74.0	-26.3	Peak	Vertical
	12206.4	43.9	4.9	48.8	74.0	-25.2	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-20 ~ 2024-09-22	Test Mode	802.11be-EHT40
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

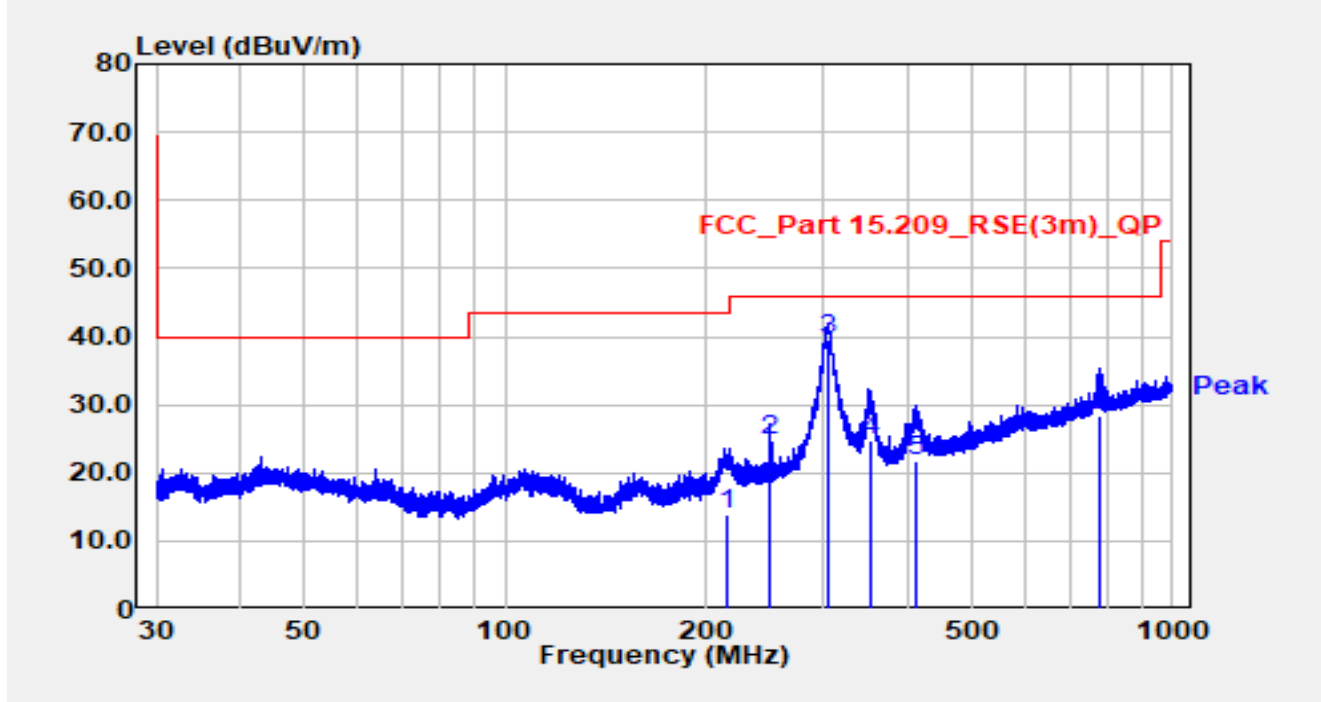
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	7407.3	41.1	5.3	46.4	74.0	-27.6	Peak	Horizontal
	11397.2	42.1	5.5	47.6	74.0	-26.4	Peak	Horizontal
	12199.6	44.5	5.0	49.5	74.0	-24.5	Peak	Horizontal
	8344.0	39.2	5.8	45.0	74.0	-29.0	Peak	Vertical
	11138.8	42.1	5.2	47.3	74.0	-26.7	Peak	Vertical
	12252.3	44.3	4.8	49.1	74.0	-24.9	Peak	Vertical
06	7692.9	41.4	4.8	46.2	74.0	-27.8	Peak	Horizontal
	11138.8	42.0	5.2	47.2	74.0	-26.8	Peak	Horizontal
	12179.2	44.1	5.1	49.2	74.0	-24.8	Peak	Horizontal
	8389.9	39.4	6.0	45.4	74.0	-28.6	Peak	Vertical
	11701.5	43.4	4.8	48.2	74.0	-25.8	Peak	Vertical
	12160.5	43.1	5.1	48.2	74.0	-25.8	Peak	Vertical
09	8486.8	40.7	6.0	46.7	74.0	-27.3	Peak	Horizontal
	11383.6	42.5	5.5	48.0	74.0	-26.0	Peak	Horizontal
	12085.7	43.6	5.2	48.8	74.0	-25.2	Peak	Horizontal
	8355.9	40.0	5.9	45.9	74.0	-28.1	Peak	Vertical
	11499.2	42.2	5.3	47.5	74.0	-26.5	Peak	Vertical
	12638.2	44.3	5.5	49.8	74.0	-24.2	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Result of Radiated Emission below 1GHz:

Site	WJ-AC1	Test Date	2024-09-20
Test Engineer	Simon Lu	Temp./Humidity	20.7°C /75.0%
Factor	AC1 9163-25-1000MHz	Polarity	Horizontal
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2437MHz		

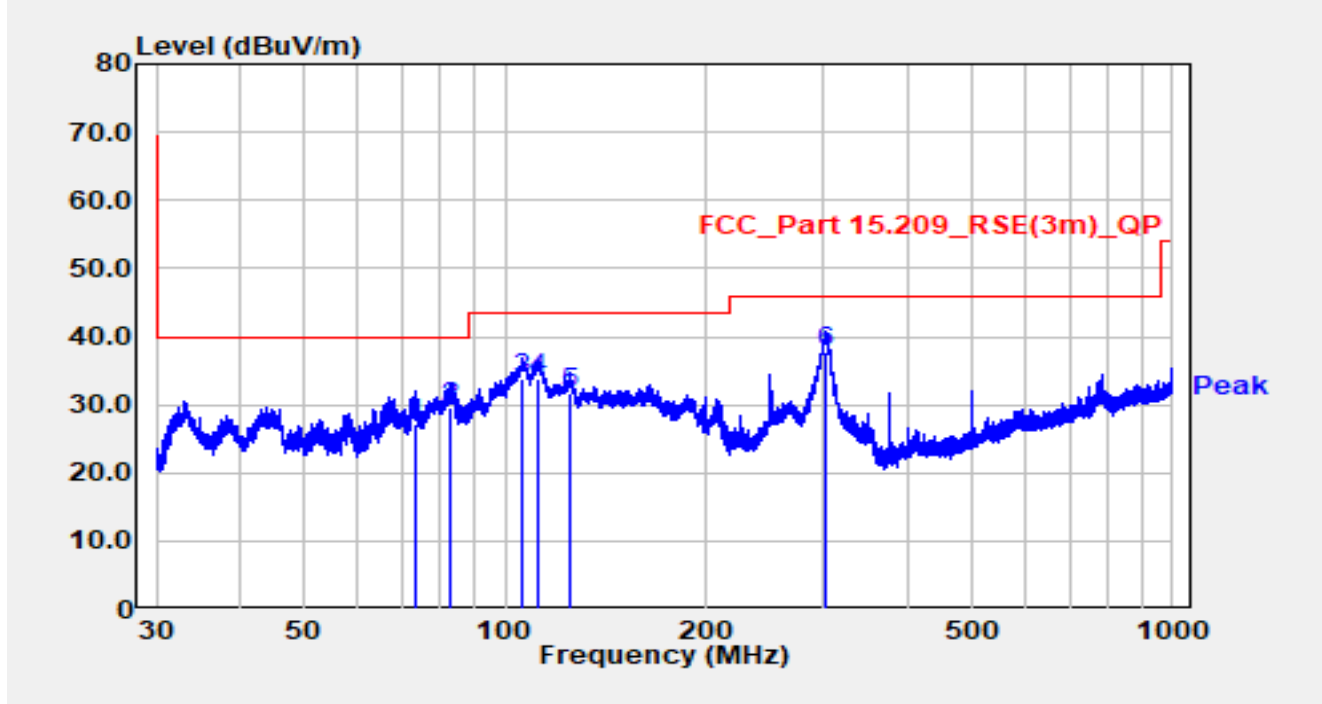


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		215.371	-4.00	17.89	13.89	-29.61	43.50	QP
2		250.038	5.40	19.44	24.84	-21.16	46.00	QP
3	*	303.915	18.70	20.70	39.40	-6.60	46.00	QP
4		354.170	2.40	22.35	24.75	-21.25	46.00	QP
5		413.605	-1.70	23.49	21.79	-24.21	46.00	QP
6		775.704	-0.90	29.30	28.40	-17.60	46.00	QP

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
- Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).
- The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site	WJ-AC1	Test Date	2024-09-20
Test Engineer	Simon Lu	Temp./Humidity	20.7°C /75.0%
Factor	AC1 9163-25-1000MHz	Polarity	Vertical
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2437MHz		



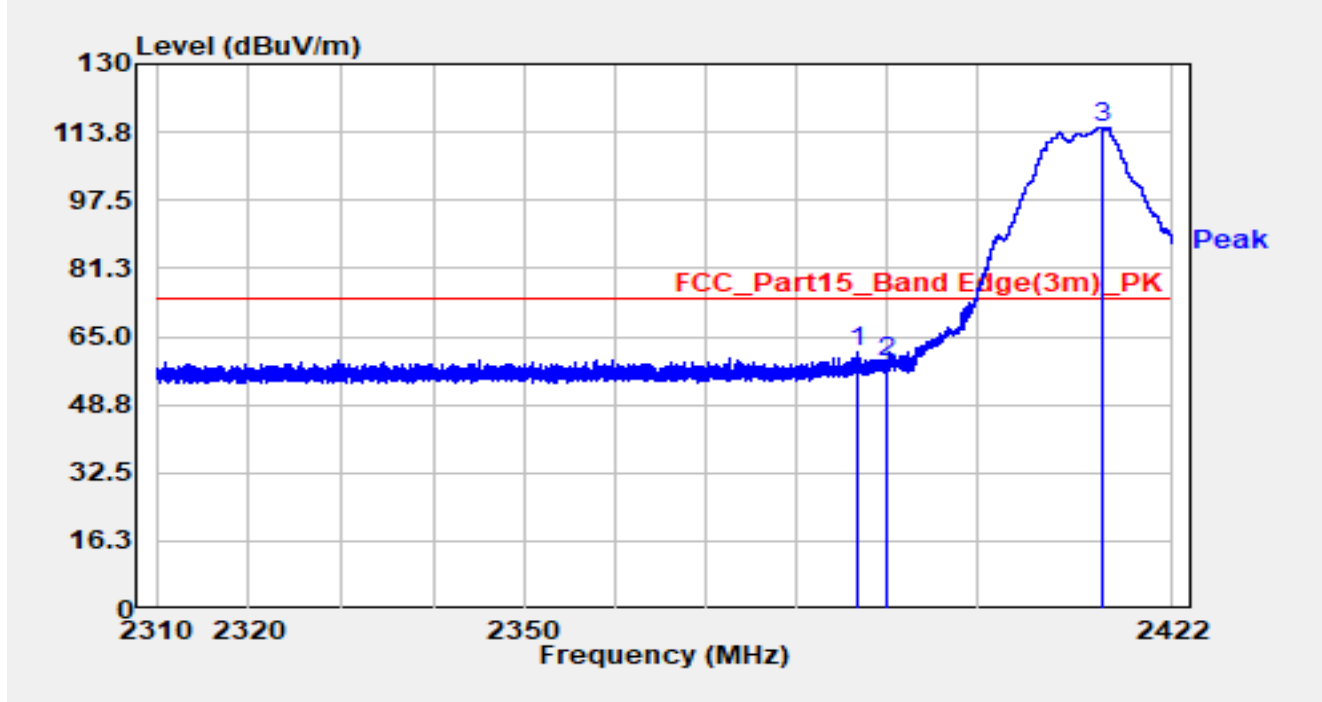
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		73.121	12.80	14.30	27.10	-12.90	40.00	QP
2		82.861	15.30	14.16	29.46	-10.54	40.00	QP
3		106.269	15.90	17.92	33.82	-9.68	43.50	QP
4		111.909	16.60	17.35	33.95	-9.55	43.50	QP
5		125.043	16.60	14.99	31.59	-11.91	43.50	QP
6	*	302.973	16.90	20.69	37.59	-8.41	46.00	QP

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
- Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).
- The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.7 Radiated Restricted Band Edge Test Result

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Horizontal
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		

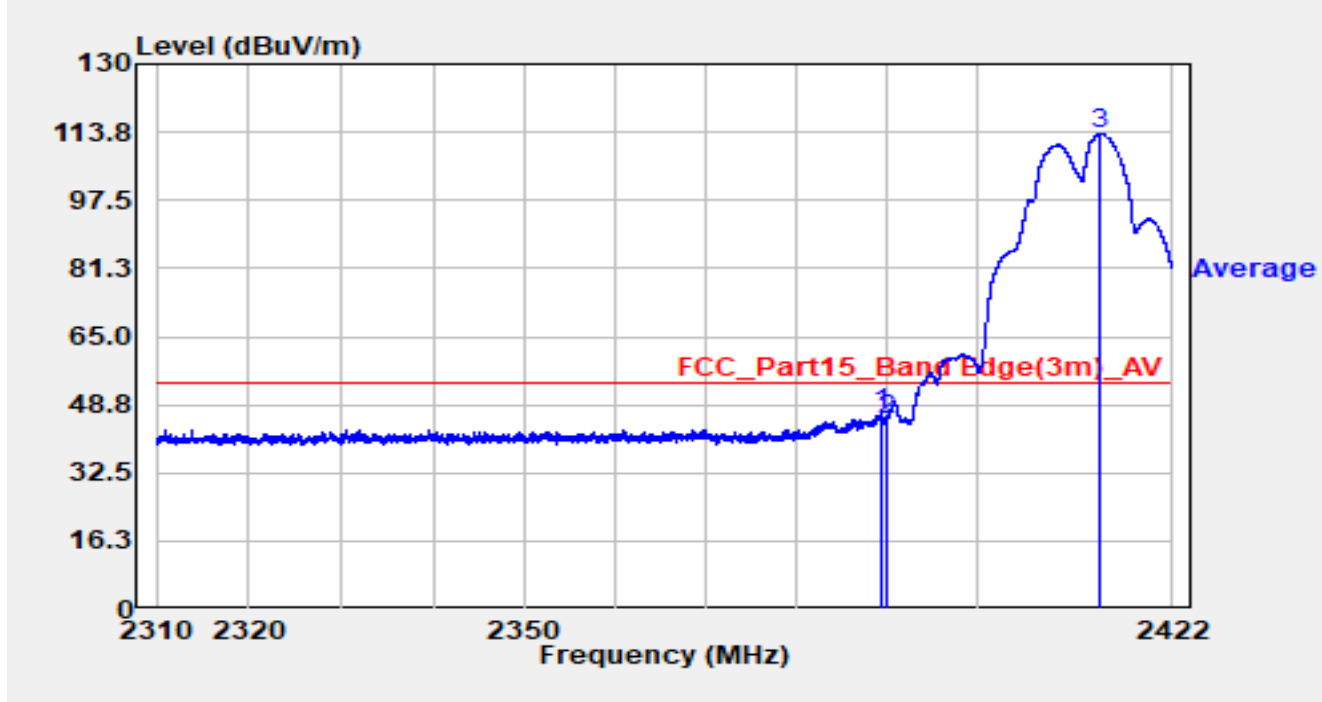


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2386.798	28.55	32.67	61.22	-12.78	74.00	Peak
2		2390.000	26.05	32.69	58.74	-15.26	74.00	Peak
3	*	2413.992	82.19	32.79	114.97	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Horizontal
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		

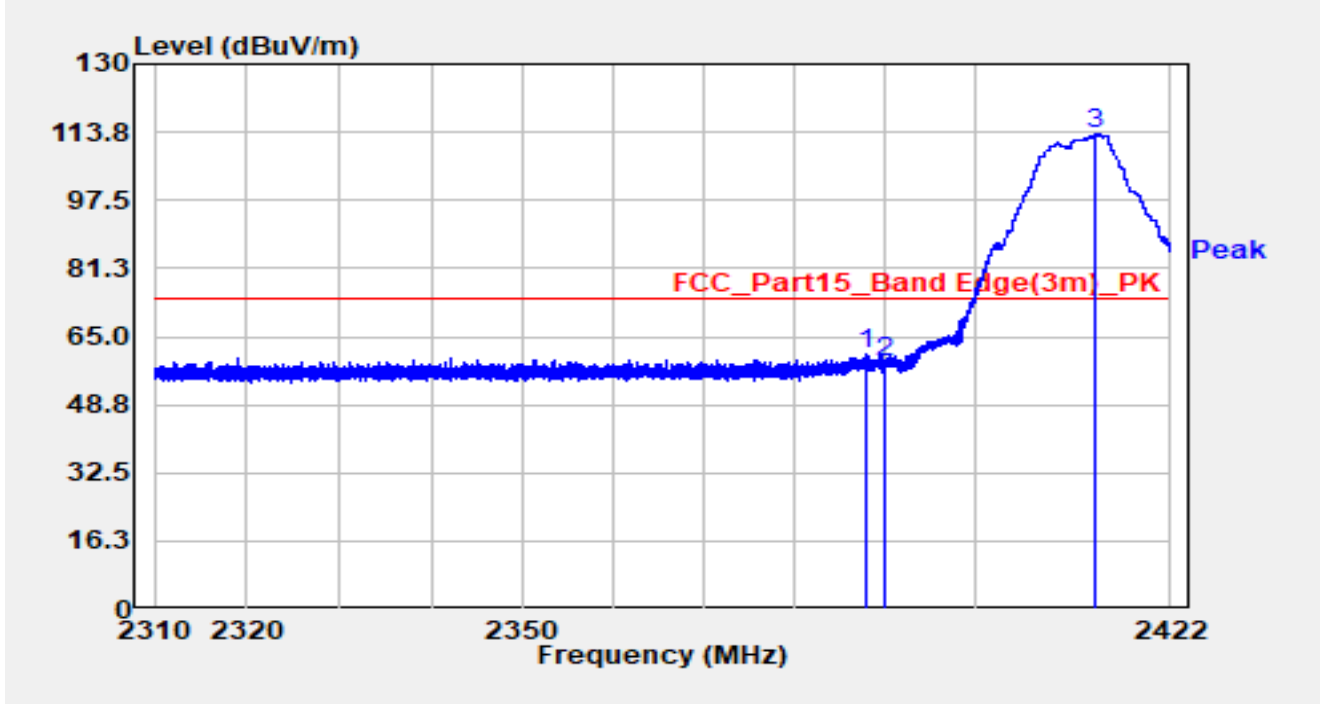


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.296	14.15	32.68	46.84	-7.16	54.00	Average
2		2390.000	12.55	32.69	45.24	-8.76	54.00	Average
3	*	2413.835	80.67	32.79	113.45	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Vertical
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		

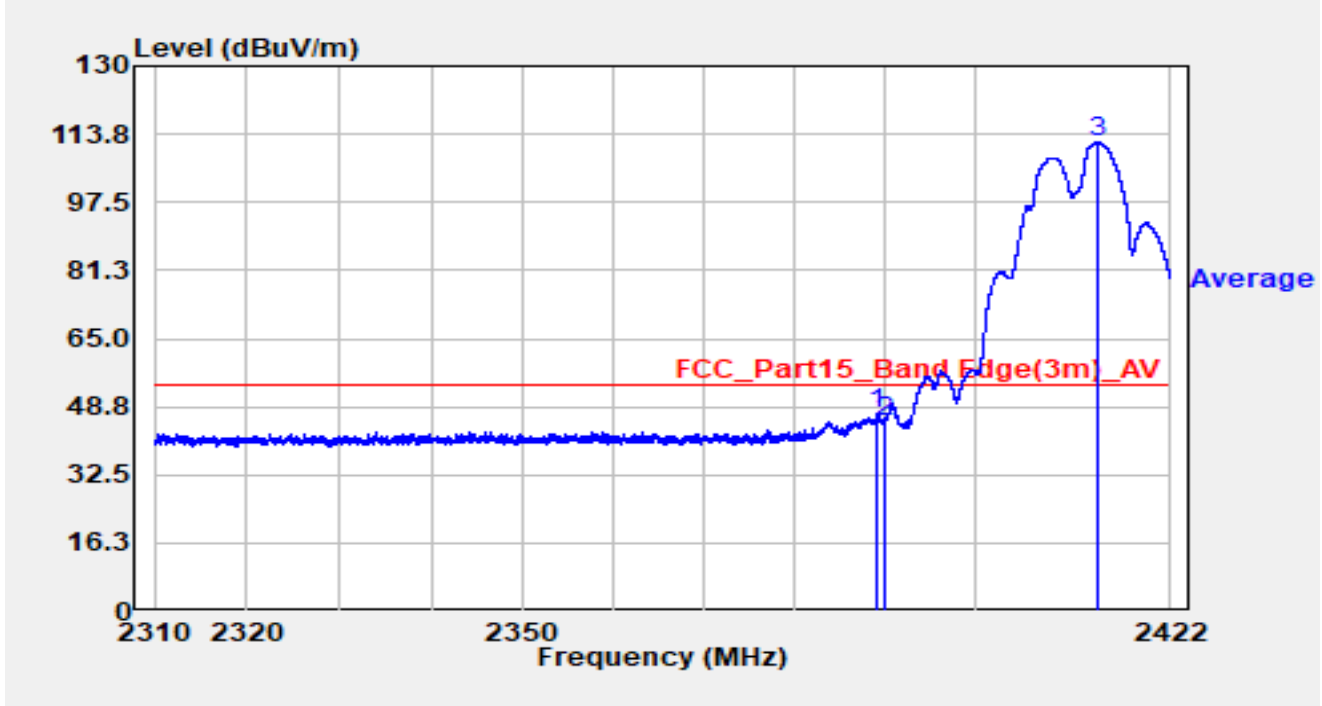


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2387.974	28.17	32.68	60.85	-13.15	74.00	Peak
2		2390.000	26.02	32.69	58.71	-15.29	74.00	Peak
3	*	2413.533	80.66	32.79	113.44	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Vertical
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		

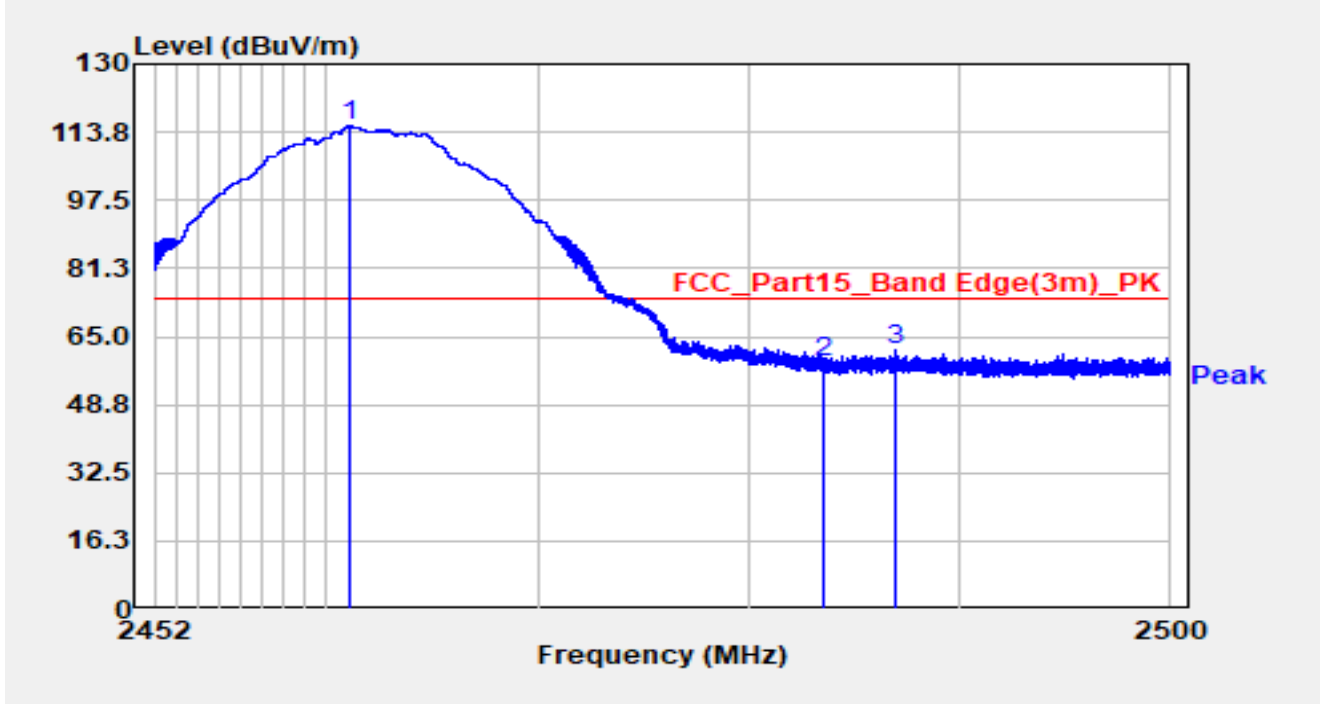


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.139	14.35	32.68	47.03	-6.97	54.00	Average
2		2390.000	12.33	32.69	45.02	-8.98	54.00	Average
3	*	2413.779	79.11	32.79	111.89	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Horizontal
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2462MHz		

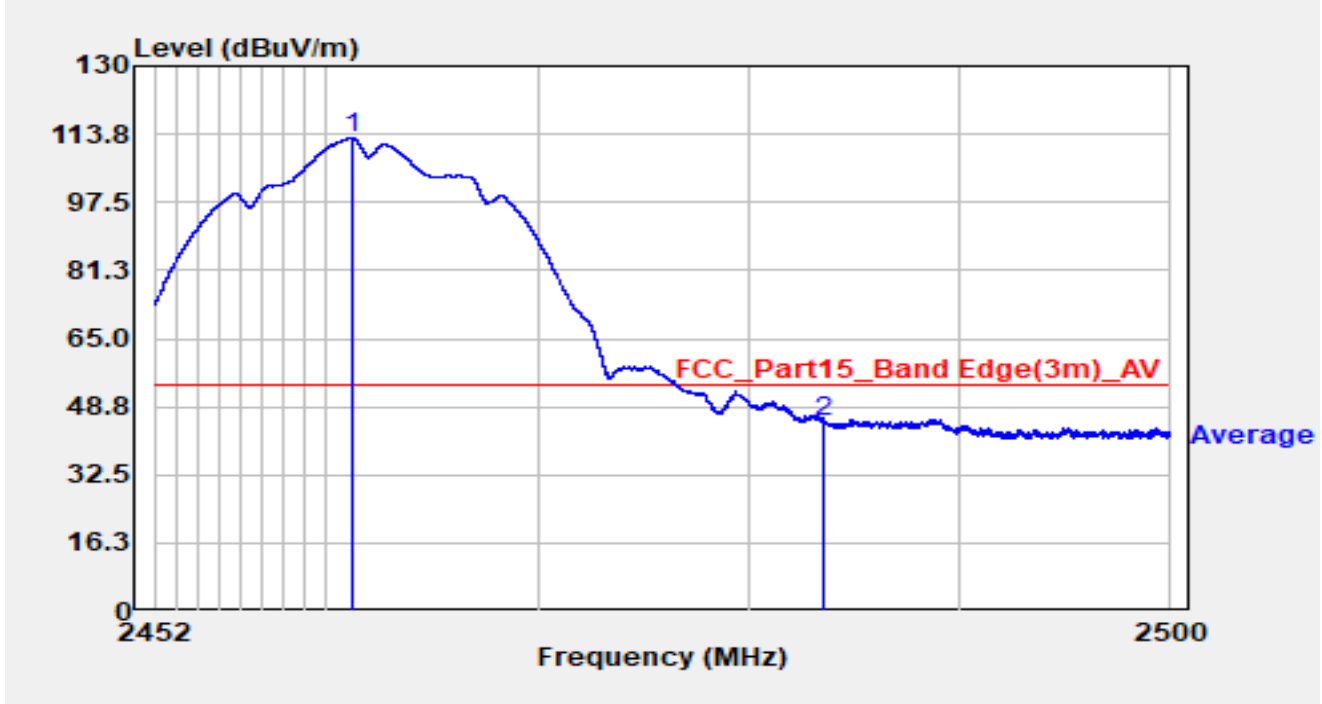


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2461.135	82.17	32.98	115.15	N/A	N/A	Peak
2		2483.500	25.91	33.13	59.04	-14.96	74.00	Peak
3		2486.910	28.50	33.15	61.65	-12.35	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Horizontal
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2462MHz		

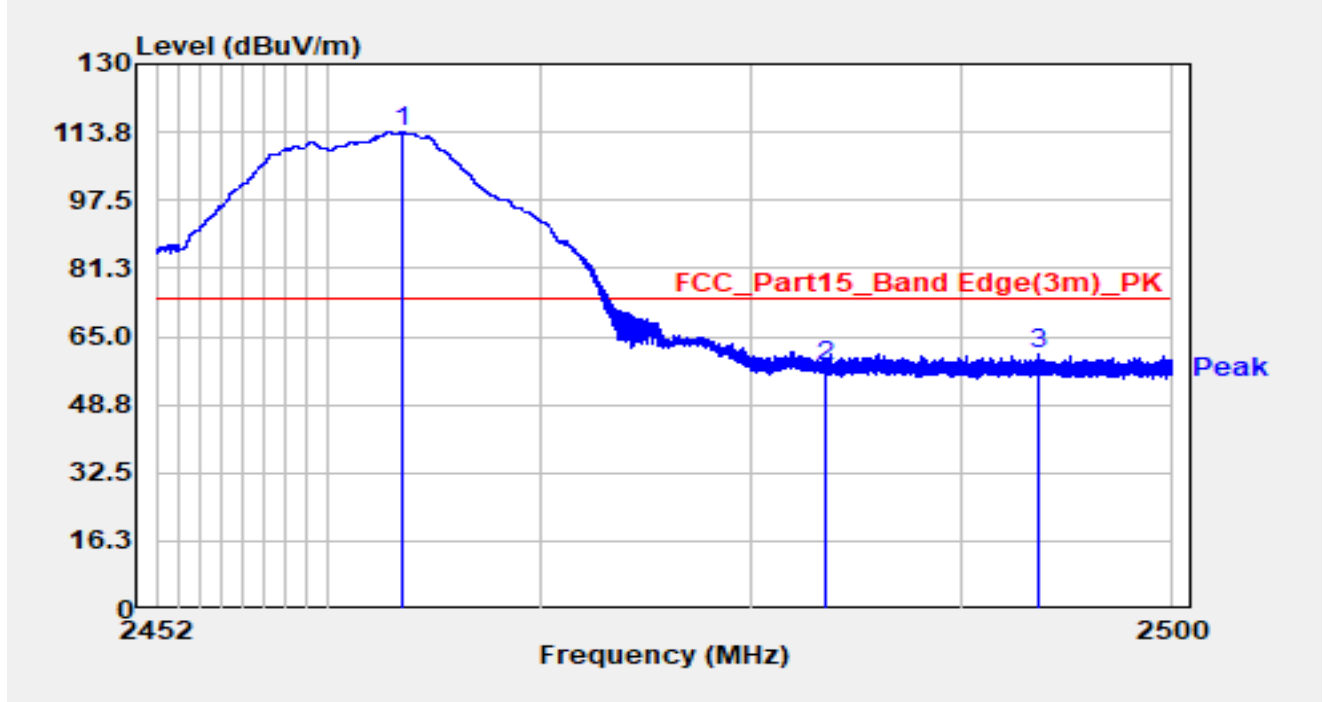


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2461.235	79.95	32.98	112.94	N/A	N/A	Average
2		2483.500	12.05	33.13	45.18	-8.82	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Vertical
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2462MHz		

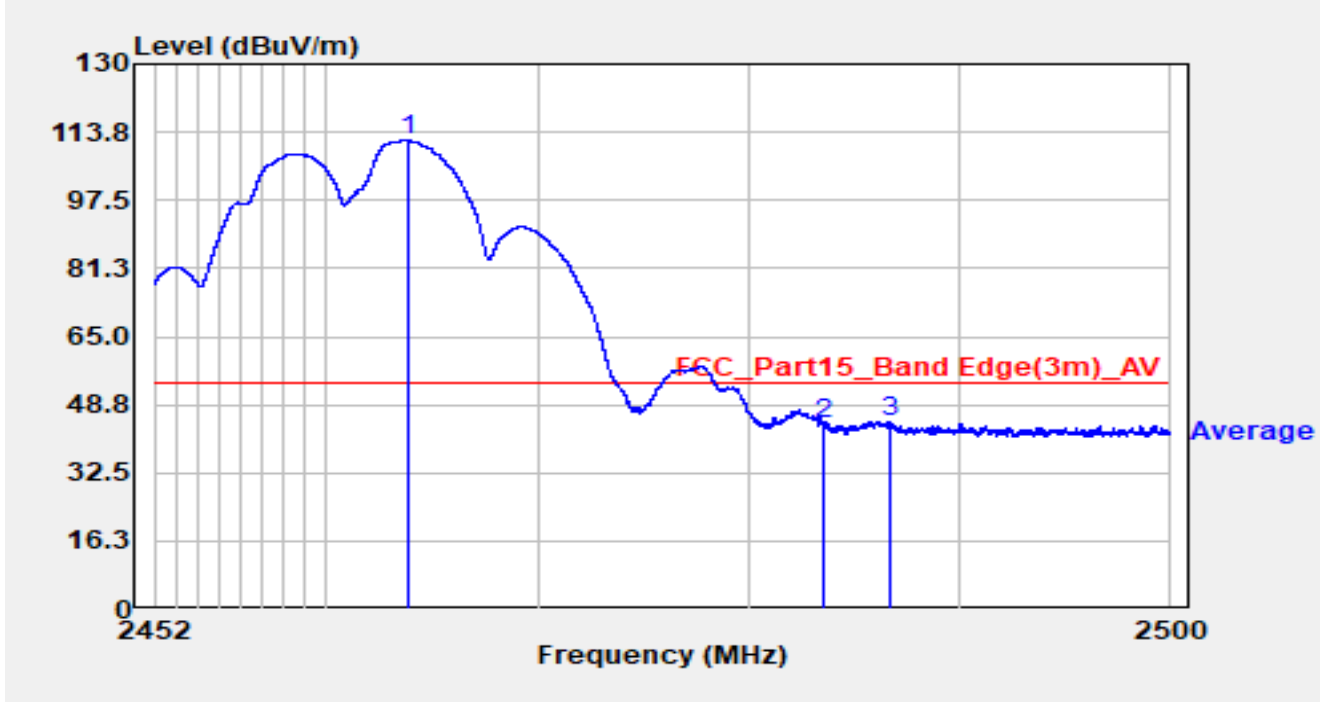


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2463.534	80.83	33.00	113.83	N/A	N/A	Peak
2		2483.500	24.92	33.13	58.05	-15.95	74.00	Peak
3		2493.611	27.74	33.18	60.92	-13.08	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Vertical
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11b at 2462MHz		

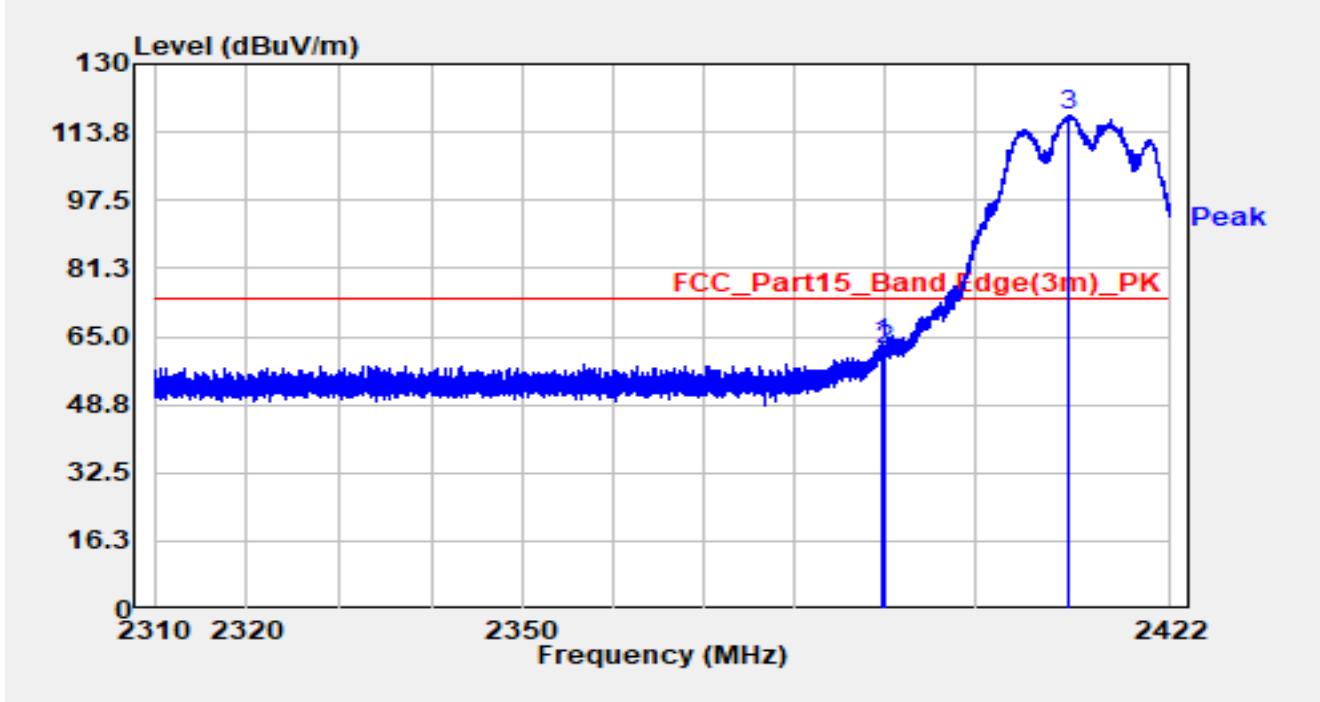


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2463.851	78.92	33.00	111.92	N/A	N/A	Average
2		2483.500	11.06	33.13	44.19	-9.81	54.00	Average
3		2486.656	11.64	33.15	44.78	-9.22	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Horizontal
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2412MHz		

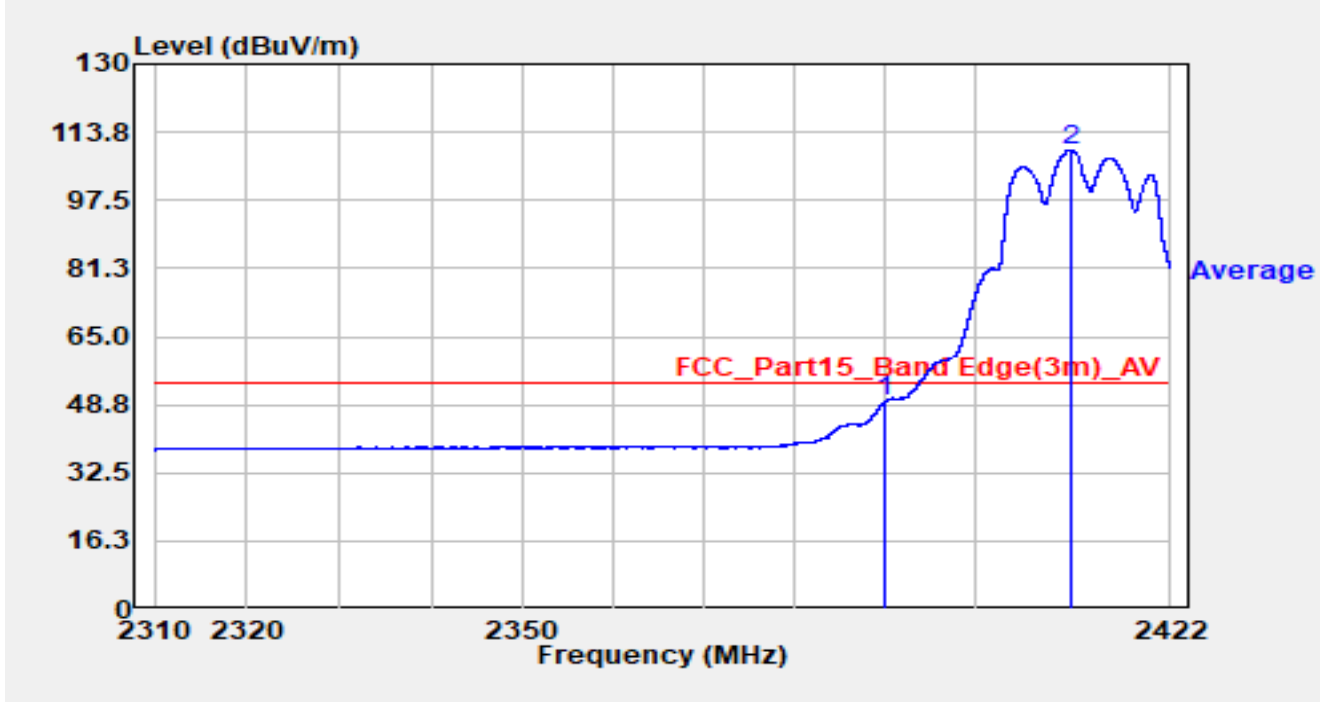


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.632	30.49	32.69	63.18	-10.82	74.00	Peak
2		2390.000	28.96	32.69	61.64	-12.36	74.00	Peak
3	*	2410.643	85.18	32.77	117.95	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Horizontal
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2412MHz		

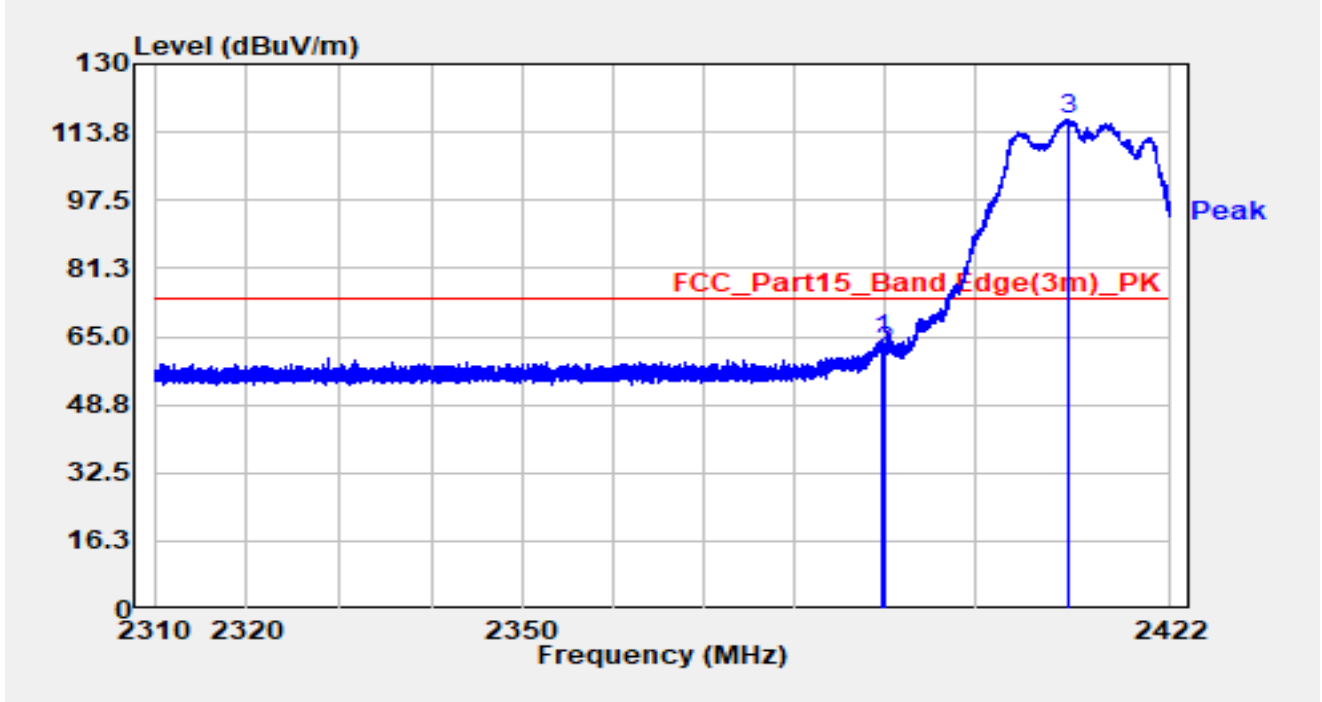


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2390.000	16.68	32.69	49.37	-4.63	54.00	Average
2	*	2410.833	76.76	32.77	109.53	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Vertical
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2412MHz		

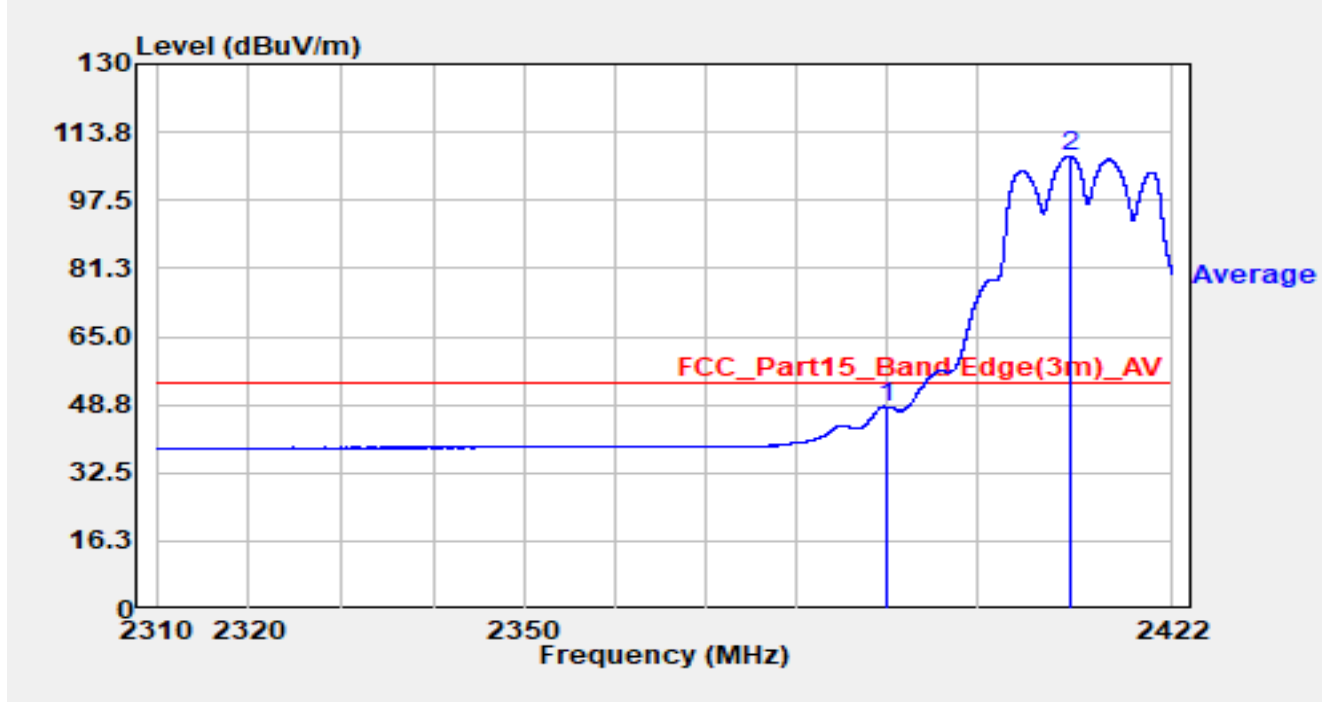


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.722	31.37	32.69	64.06	-9.94	74.00	Peak
2		2390.000	28.88	32.69	61.56	-12.44	74.00	Peak
3	*	2410.475	83.90	32.77	116.67	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Vertical
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2412MHz		

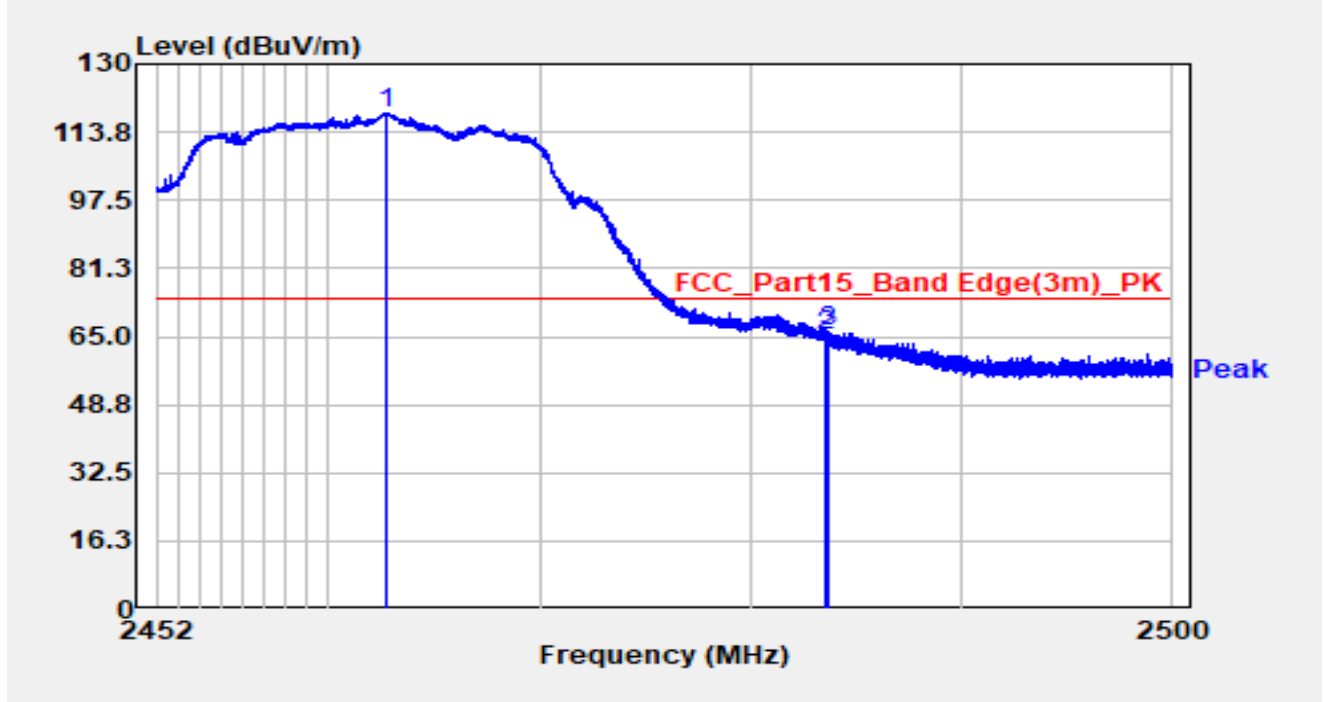


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2390.000	15.57	32.69	48.26	-5.74	54.00	Average
2	*	2410.453	75.19	32.77	107.96	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2024-09-09
Test Engineer	Mero Zhou	Temp./Humidity	24.3°C /65.2%
Factor	HF907_102861_1-18GHz	Polarity	Horizontal
EUT	HAN Access Point (AP521)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2462.790	85.16	32.99	118.16	N/A	N/A	Peak
2		2483.500	32.21	33.13	65.34	-8.66	74.00	Peak
3		2483.651	33.23	33.13	66.37	-7.63	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
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3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).