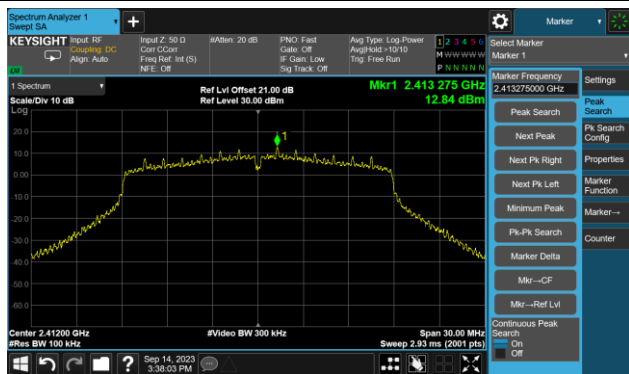


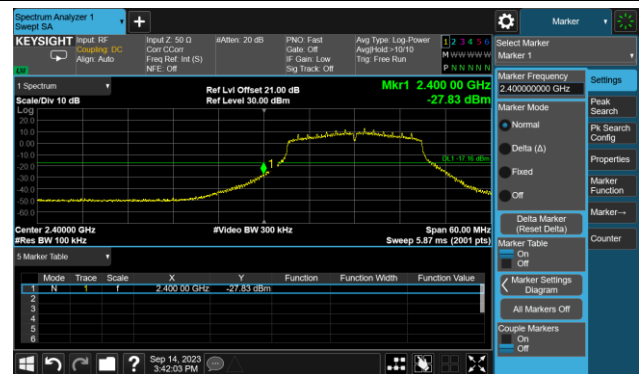
802.11n-HT20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

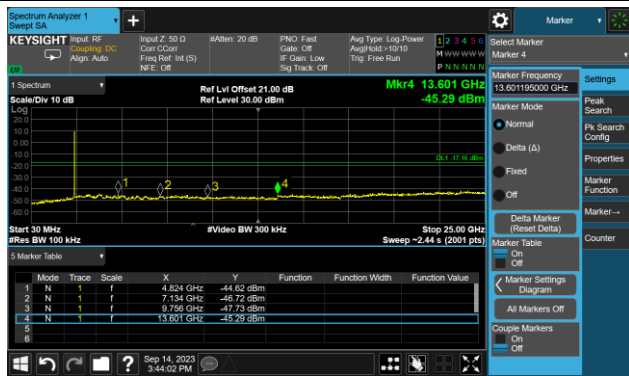
Reference Level



Low Band Edge

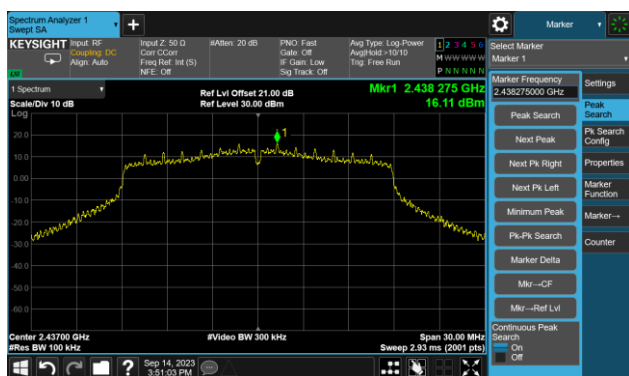


Spurious Emission

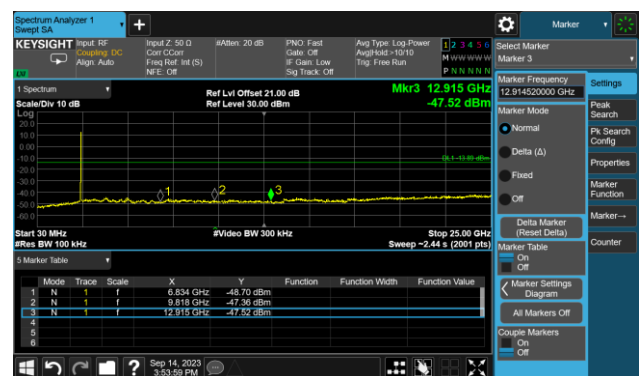


Channel 06 (2437MHz)

Reference Level



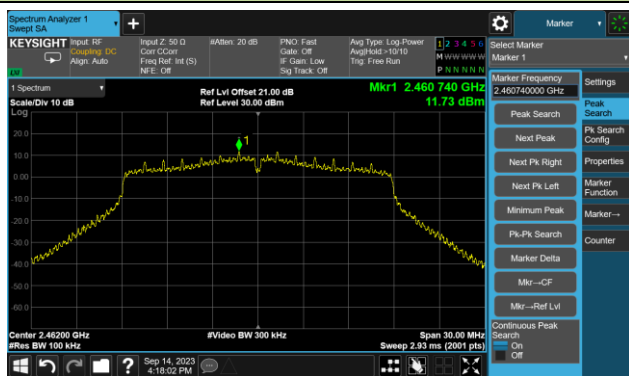
Spurious Emission



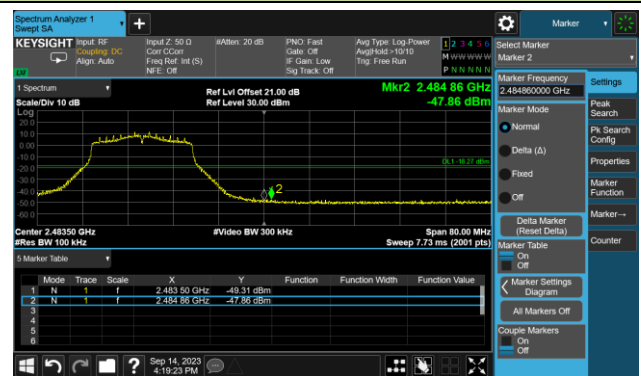
802.11n-HT20 Out-of-Band Emissions – Ant 1

Channel 11 (2462MHz)

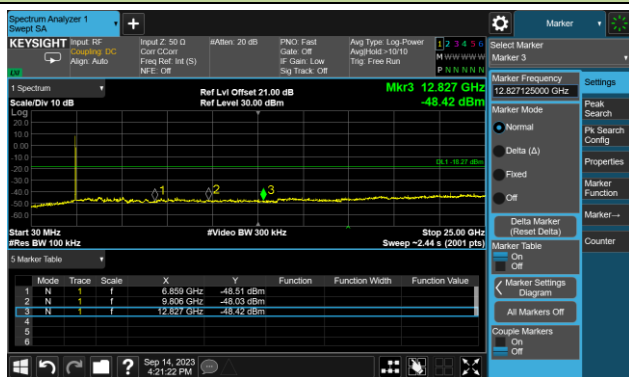
Reference Level



High Band Edge



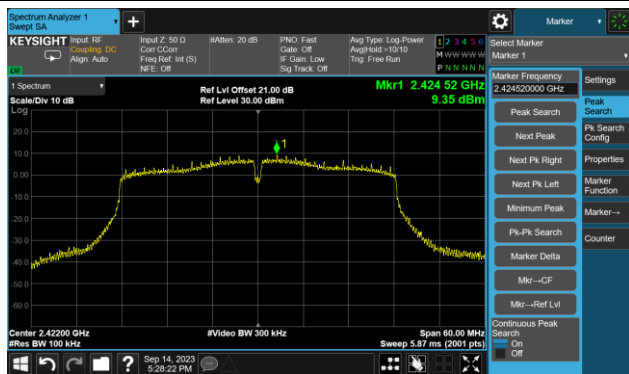
Spurious Emission



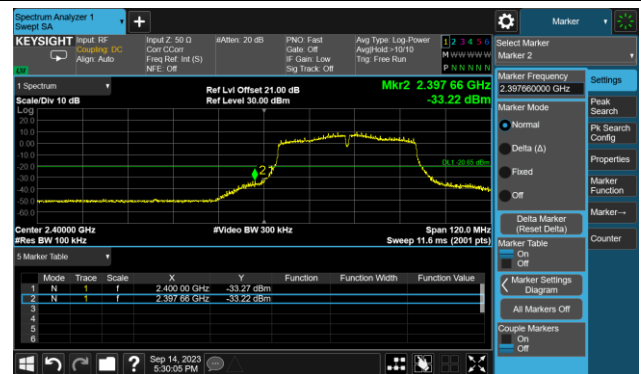
802.11n-HT40 Out-of-Band Emissions – Ant 1

Channel 03 (2422MHz)

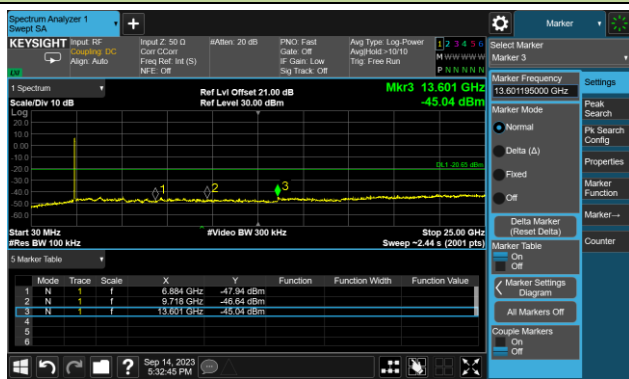
Reference Level



Low Band Edge



Spurious Emission

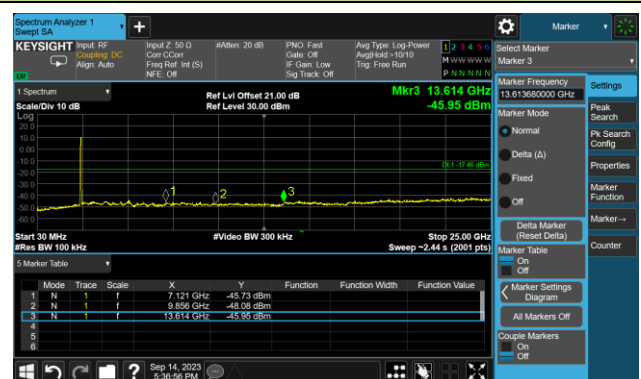


Channel 06 (2437MHz)

Reference Level



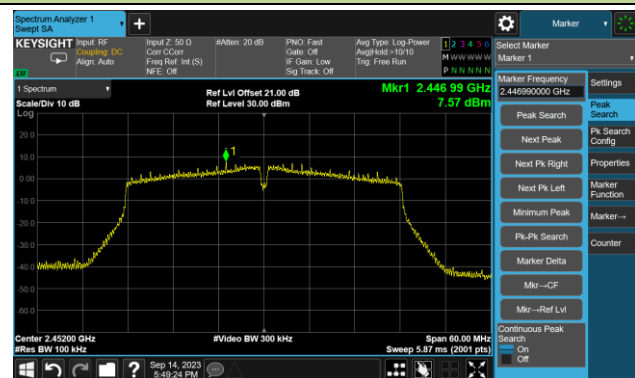
Spurious Emission



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

Channel 09 (2452MHz)

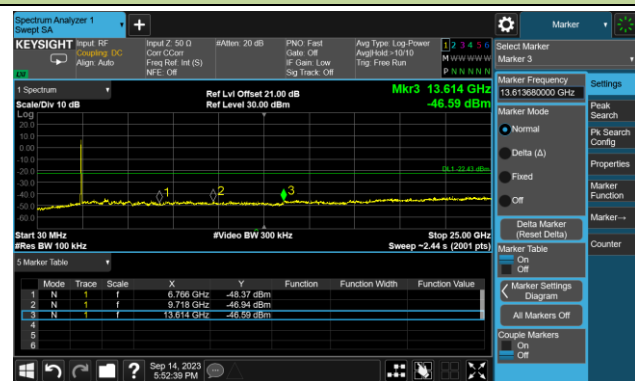
Reference Level



High Band Edge



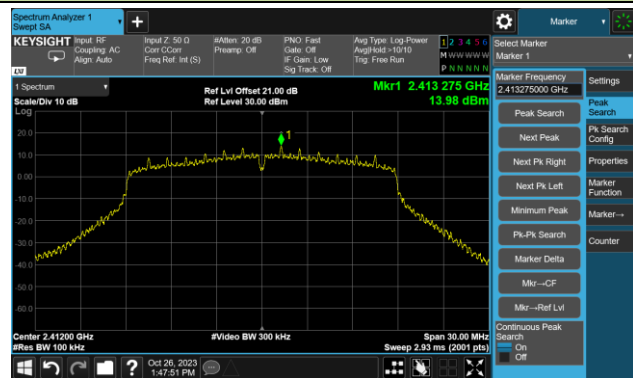
Spurious Emission



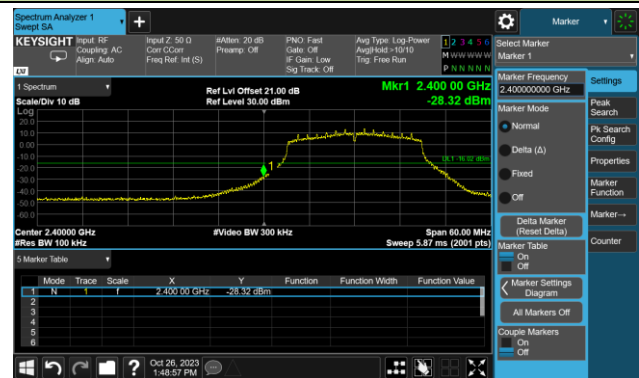
VHT20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

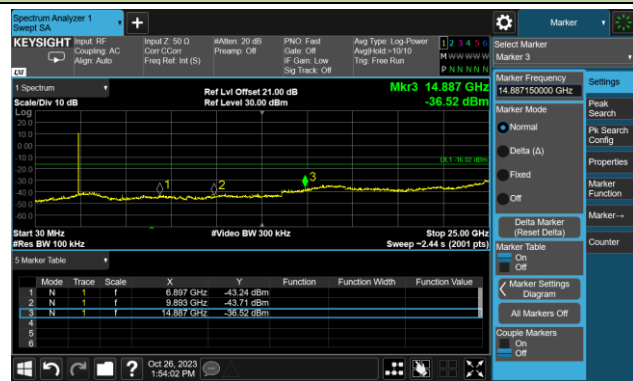
Reference Level



Low Band Edge

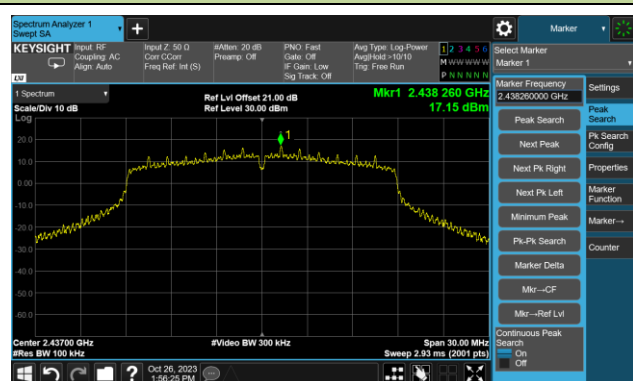


Spurious Emission

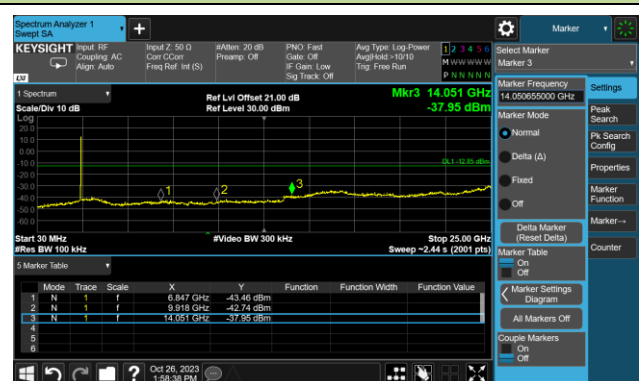


Channel 06 (2437MHz)

Reference Level



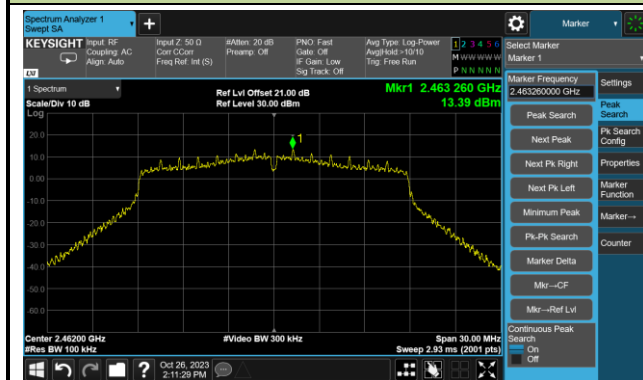
Spurious Emission



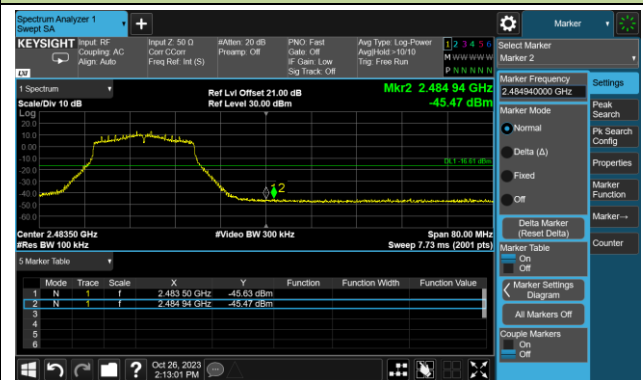
VHT20 Out-of-Band Emissions – Ant 1

Channel 11 (2462MHz)

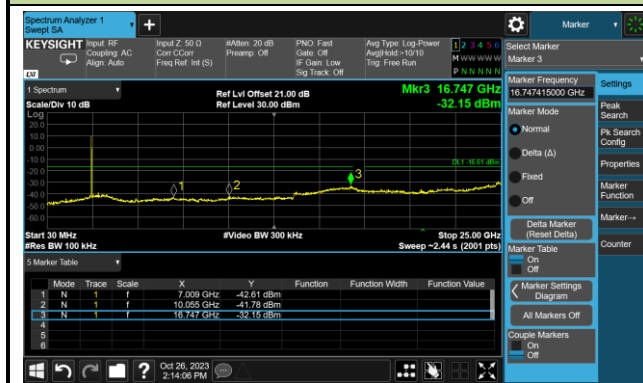
Reference Level



High Band Edge



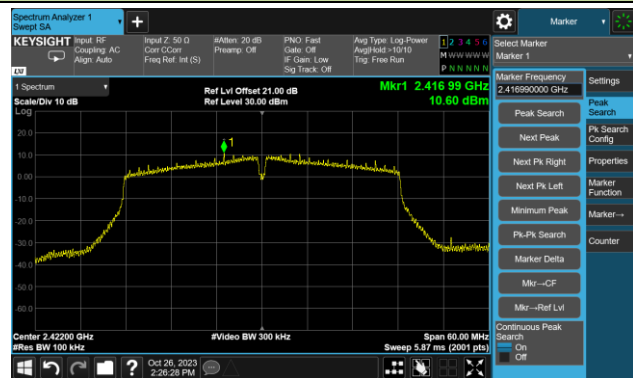
Spurious Emission



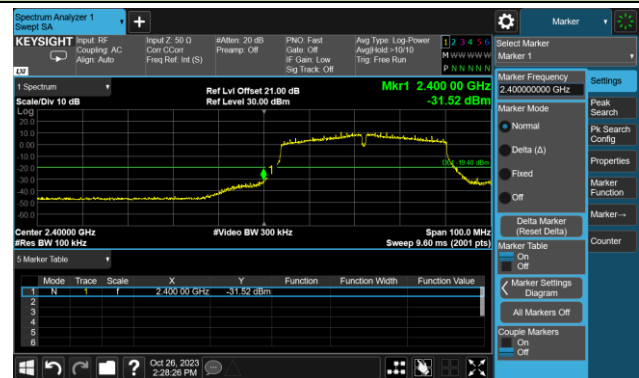
VHT40 Out-of-Band Emissions – Ant 1

Channel 03 (2422MHz)

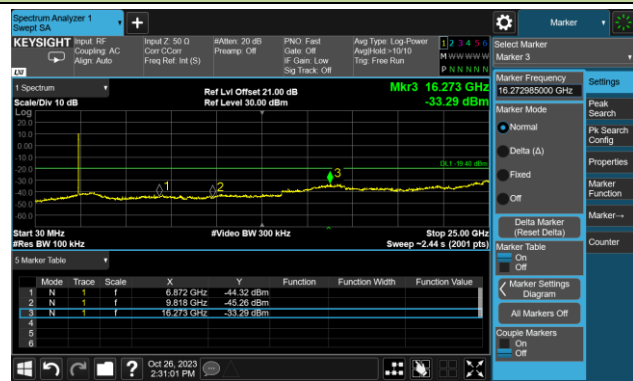
Reference Level



Low Band Edge

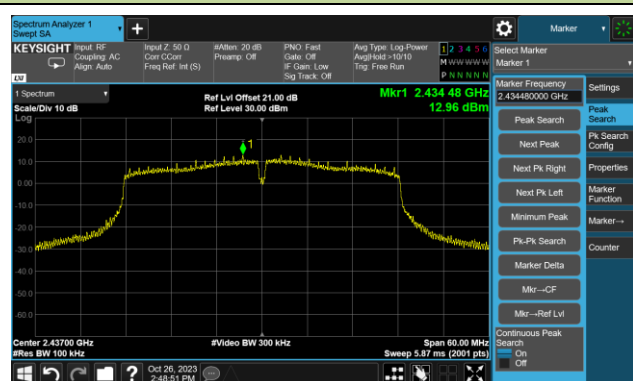


Spurious Emission

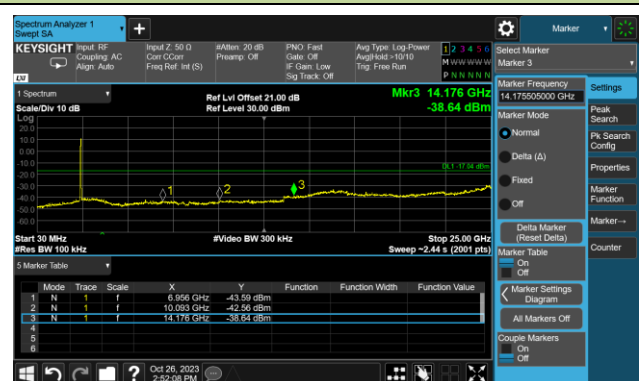


Channel 06 (2437MHz)

Reference Level



Spurious Emission



VHT40 Out-of-Band Emissions – Ant 1

Channel 09 (2452MHz)

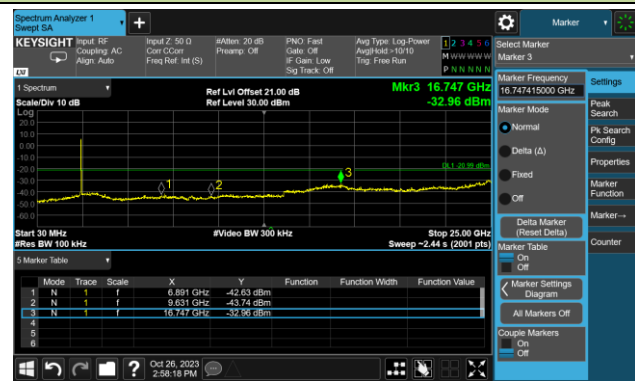
Reference Level



High Band Edge



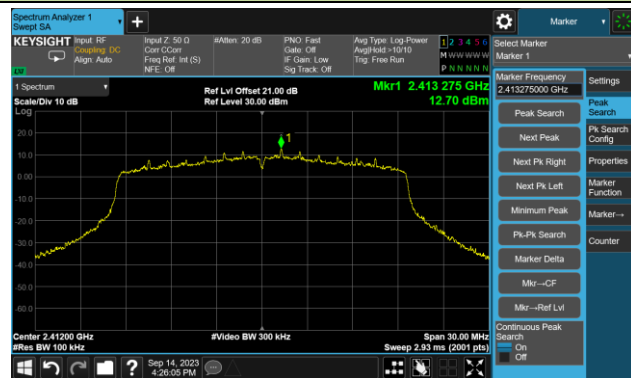
Spurious Emission



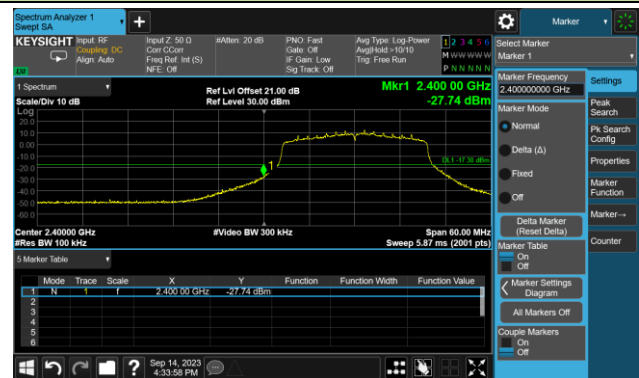
802.11ax-HE20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

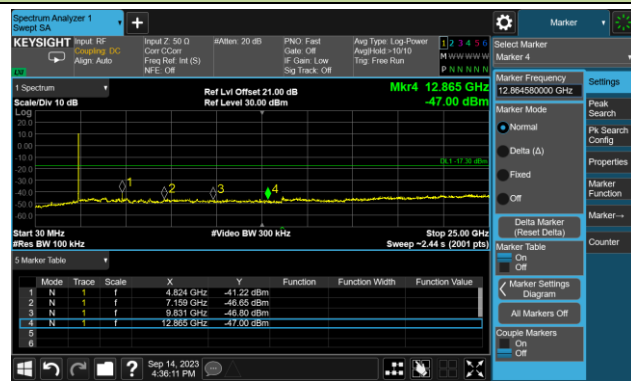
Reference Level



Low Band Edge

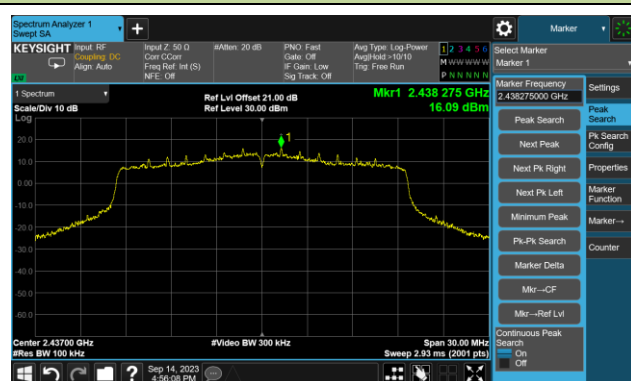


Spurious Emission

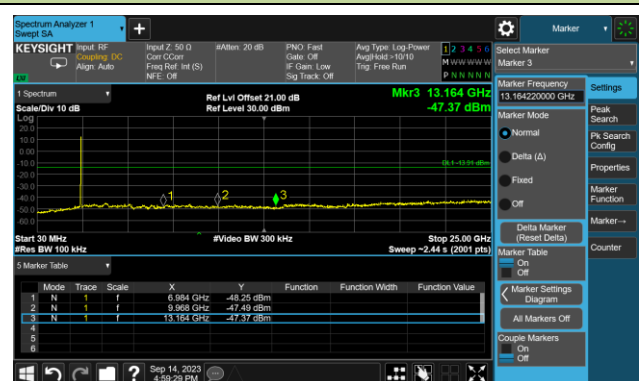


Channel 06 (2437MHz)

Reference Level



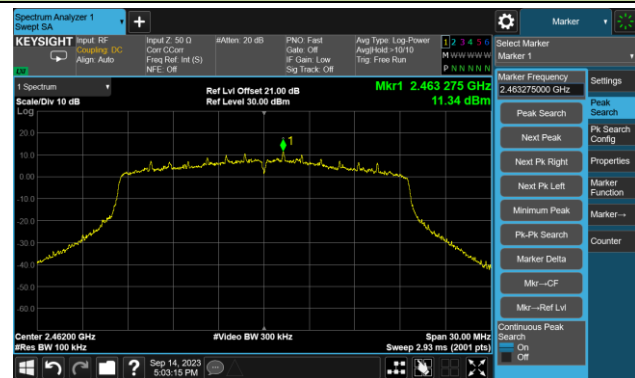
Spurious Emission



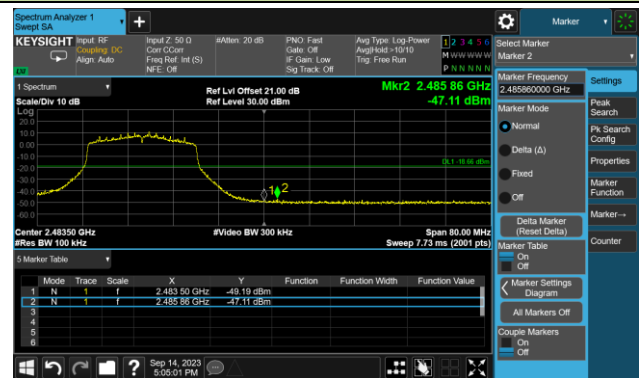
802.11ax-HE20 Out-of-Band Emissions – Ant 1

Channel 11 (2462MHz)

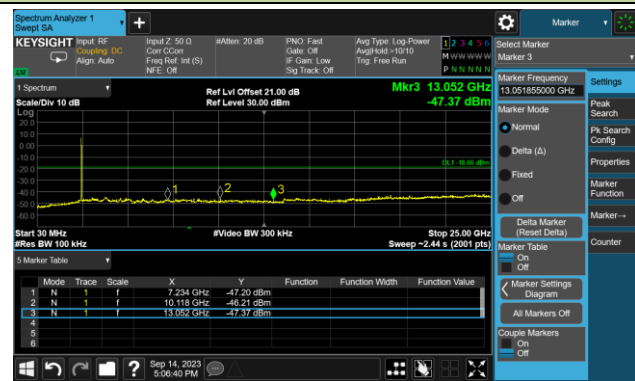
Reference Level



High Band Edge



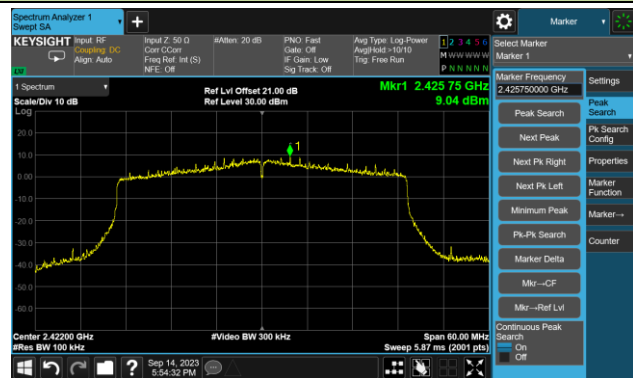
Spurious Emission



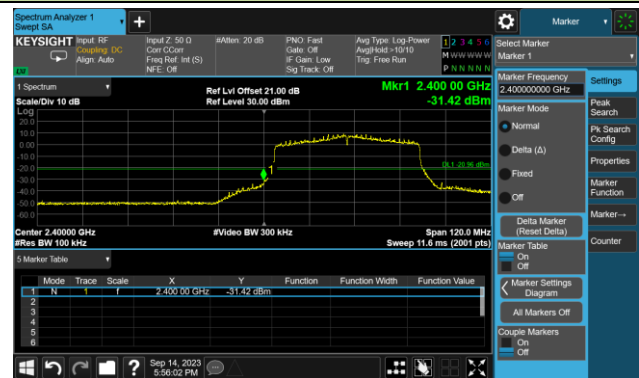
802.11ax-HE40 Out-of-Band Emissions – Ant 1

Channel 03 (2422MHz)

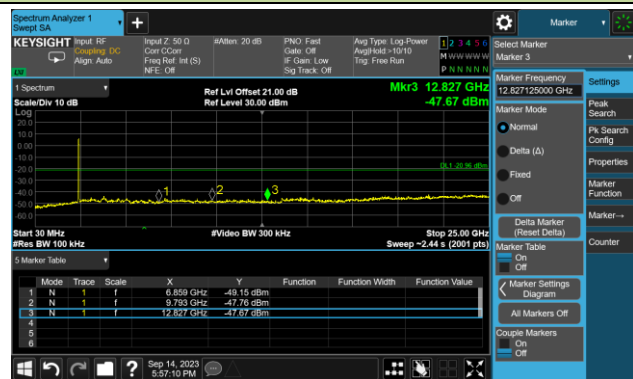
Reference Level



Low Band Edge

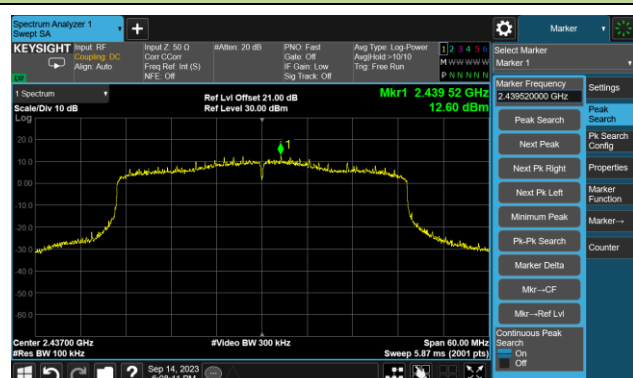


Spurious Emission

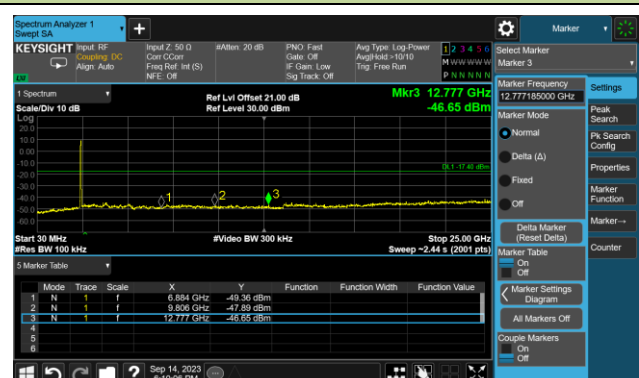


Channel 06 (2437MHz)

Reference Level



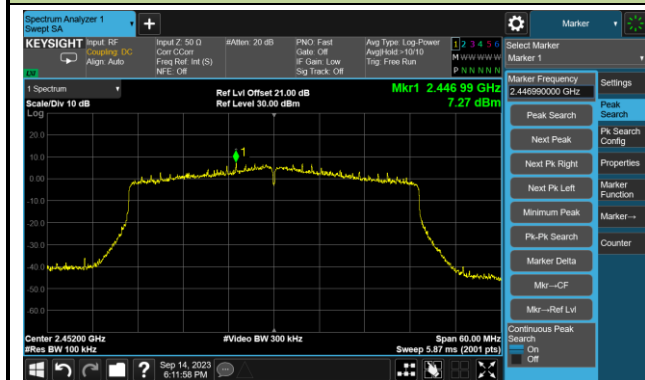
Spurious Emission



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

Channel 09 (2452MHz)

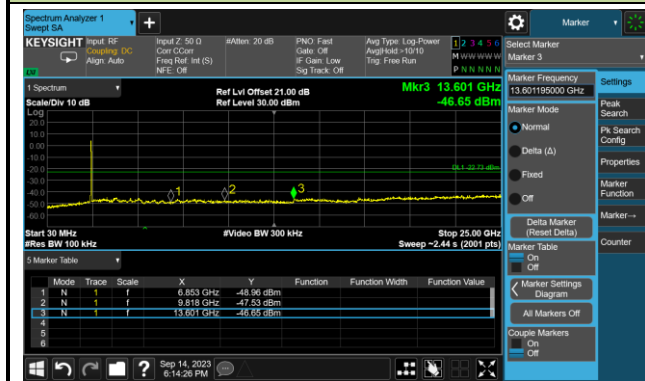
Reference Level



High Band Edge



Spurious Emission



A.6 Radiated Spurious Emission Test Result

L22UGS-5HaxD2HaxD-15S-US

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-29	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 show 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	4825.0	61.0	-6.2	54.8	74.0	-19.2	Peak	Horizontal
	4825.0	59.8	-6.2	53.6	54.0	-0.4	Average	Horizontal
	8471.5	42.6	2.6	45.2	74.0	-28.8	Peak	Horizontal
	11370.0	41.5	7.7	49.2	74.0	-24.8	Peak	Horizontal
	4825.0	60.6	-6.2	54.4	74.0	-19.6	Peak	Vertical
	4825.0	59.7	-6.2	53.5	54.0	-0.5	Average	Vertical
	7511.0	42.3	2.4	44.7	74.0	-29.3	Peak	Vertical
	12007.5	40.8	7.8	48.6	74.0	-25.4	Peak	Vertical
06	4876.0	60.6	-5.5	55.1	74.0	-18.9	Peak	Horizontal
	4876.0	59.2	-5.5	53.7	54.0	-0.3	Average	Horizontal
	7315.5	44.5	1.6	46.1	74.0	-27.9	Peak	Horizontal
	11047.0	41.5	8.3	49.8	74.0	-24.2	Peak	Horizontal
	4876.0	58.0	-5.5	52.5	74.0	-21.5	Peak	Vertical
	4876.0	56.4	-5.5	50.9	54.0	-3.1	Average	Vertical
	8123.0	41.6	3.8	45.4	74.0	-28.6	Peak	Vertical
	11098.0	41.1	7.2	48.3	74.0	-25.7	Peak	Vertical
11	4927.0	48.5	5.1	53.6	74.0	-20.4	Peak	Horizontal
	4927.0	47.2	5.1	52.3	54.0	-1.7	Average	Horizontal
	8216.5	36.3	8.0	44.3	74.0	-29.7	Peak	Horizontal
	17830.0	31.6	23.4	55.0	74.0	-19.0	Peak	Horizontal
	17830.0	20.1	23.4	43.5	54.0	-10.5	Average	Horizontal
	4927.0	55.6	-5.8	49.8	74.0	-24.2	Peak	Vertical
	4927.0	53.8	-5.8	48.0	54.0	-6.0	Average	Vertical
	8131.5	41.0	3.7	44.7	74.0	-29.3	Peak	Vertical
	11557.0	40.3	8.0	48.3	74.0	-25.7	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-29	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 show 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	4825.0	70.7	-6.2	64.5	74.0	-9.5	Peak	Horizontal
	4825.0	58.5	-6.2	52.3	54.0	-1.7	Average	Horizontal
	8310.0	43.3	2.2	45.5	74.0	-28.5	Peak	Horizontal
	11608.0	40.8	8.1	48.9	74.0	-25.1	Peak	Horizontal
	4816.5	63.1	-6.0	57.1	74.0	-16.9	Peak	Vertical
	4816.5	51.9	-6.0	45.9	54.0	-8.1	Average	Vertical
	8114.5	42.8	3.5	46.3	74.0	-27.7	Peak	Vertical
	11463.5	41.1	8.0	49.1	74.0	-24.9	Peak	Vertical
06	4876.0	67.5	-5.5	62.0	74.0	-12.0	Peak	Horizontal
	4876.0	57.3	-5.5	51.8	54.0	-2.2	Average	Horizontal
	7307.0	47.6	1.7	49.3	74.0	-24.7	Peak	Horizontal
	11599.5	40.7	8.0	48.7	74.0	-25.3	Peak	Horizontal
	4876.0	60.3	-5.5	54.8	74.0	-19.2	Peak	Vertical
	4876.0	49.3	-5.5	43.8	54.0	-10.2	Average	Vertical
	8140.0	42.1	3.5	45.6	74.0	-28.4	Peak	Vertical
	11489.0	41.1	8.3	49.4	74.0	-24.6	Peak	Vertical
11	4918.5	70.9	-5.6	65.3	74.0	-8.7	Peak	Horizontal
	4918.5	59.3	-5.6	53.7	54.0	-0.3	Average	Horizontal
	7383.5	42.9	2.0	44.9	74.0	-29.1	Peak	Horizontal
	10851.5	42.2	7.5	49.7	74.0	-24.3	Peak	Horizontal
	4927.0	63.4	-5.8	57.6	74.0	-16.4	Peak	Vertical
	4927.0	53.8	-5.8	48.0	54.0	-6.0	Average	Vertical
	8123.0	42.4	3.8	46.2	74.0	-27.8	Peak	Vertical
	11166.0	42.3	7.7	50.0	74.0	-24.0	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-29	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 show 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	4825.0	70.4	-6.2	64.2	74.0	-9.8	Peak	Horizontal
	4825.0	58.9	-6.2	52.7	54.0	-1.3	Average	Horizontal
	8123.0	42.0	3.8	45.8	74.0	-28.2	Peak	Horizontal
	11582.5	40.5	8.1	48.6	74.0	-25.4	Peak	Horizontal
	4825.0	63.0	-6.2	56.8	74.0	-17.2	Peak	Vertical
	4825.0	52.7	-6.2	46.5	54.0	-7.5	Average	Vertical
	8420.5	43.3	2.4	45.7	74.0	-28.3	Peak	Vertical
	11174.5	41.1	7.5	48.6	74.0	-25.4	Peak	Vertical
06	4876.0	70.3	-5.5	64.8	74.0	-9.2	Peak	Horizontal
	4876.0	58.9	-5.5	53.4	54.0	-0.6	Average	Horizontal
	7307.0	48.1	1.7	49.8	74.0	-24.2	Peak	Horizontal
	10979.0	42.4	7.4	49.8	74.0	-24.2	Peak	Horizontal
	4876.0	62.5	-5.5	57.0	74.0	-17.0	Peak	Vertical
	4876.0	52.7	-5.5	47.2	54.0	-6.8	Average	Vertical
	8097.5	43.2	3.1	46.3	74.0	-27.7	Peak	Vertical
	11395.5	40.7	7.9	48.6	74.0	-25.4	Peak	Vertical
11	4927.0	70.0	-5.8	64.2	74.0	-9.8	Peak	Horizontal
	4927.0	59.4	-5.8	53.6	54.0	-0.4	Average	Horizontal
	8106.0	42.6	3.2	45.8	74.0	-28.2	Peak	Horizontal
	11030.0	41.4	8.0	49.4	74.0	-24.6	Peak	Horizontal
	4927.0	65.9	-5.8	60.1	74.0	-13.9	Peak	Vertical
	4927.0	54.4	-5.8	48.6	54.0	-5.4	Average	Vertical
	7392.0	43.7	2.2	45.9	74.0	-28.1	Peak	Vertical
	11412.5	41.8	7.8	49.6	74.0	-24.4	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-29	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 show 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	4833.5	52.3	-6.1	46.2	74.0	-27.8	Peak	Horizontal
	4833.5	52.3	-6.1	46.2	54.0	-7.8	Average	Horizontal
	8199.5	43.0	2.8	45.8	74.0	-28.2	Peak	Horizontal
	11268.0	41.5	7.5	49.0	74.0	-25.0	Peak	Horizontal
	4833.5	54.9	-6.1	48.8	74.0	-25.2	Peak	Vertical
	7519.5	44.3	2.1	46.4	74.0	-27.6	Peak	Vertical
	10758.0	42.5	6.9	49.4	74.0	-24.6	Peak	Vertical
06	4884.5	69.7	-5.4	64.3	74.0	-9.7	Peak	Horizontal
	4884.5	58.7	-5.4	53.3	54.0	-0.7	Average	Horizontal
	8123.0	42.2	3.8	46.0	74.0	-28.0	Peak	Horizontal
	11123.5	41.5	7.3	48.8	74.0	-25.2	Peak	Horizontal
	4893.0	60.7	-5.4	55.3	74.0	-18.7	Peak	Vertical
	4893.0	49.7	-5.4	44.3	54.0	-9.7	Average	Vertical
	7375.0	42.8	1.8	44.6	74.0	-29.4	Peak	Vertical
	11166.0	41.4	7.7	49.1	74.0	-24.9	Peak	Vertical
09	4918.5	69.4	-5.6	63.8	74.0	-10.2	Peak	Horizontal
	4918.5	59.4	-5.6	53.8	54.0	-0.2	Average	Horizontal
	8131.5	41.5	3.7	45.2	74.0	-28.8	Peak	Horizontal
	10936.5	41.2	7.8	49.0	74.0	-25.0	Peak	Horizontal
	4918.5	64.7	-5.6	59.1	74.0	-14.9	Peak	Vertical
	4918.5	54.3	-5.6	48.7	54.0	-5.3	Average	Vertical
	8174.0	41.4	3.1	44.5	74.0	-29.5	Peak	Vertical
	11225.5	42.1	7.4	49.5	74.0	-24.5	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-29	Test Mode	VHT20
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 show 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	4816.5	56.0	4.7	60.7	74.0	-13.3	Peak	Horizontal
	4816.5	48.0	4.7	52.7	54.0	-1.3	Average	Horizontal
	7630.0	35.6	8.5	44.1	74.0	-29.9	Peak	Horizontal
	10936.5	34.6	11.9	46.5	74.0	-27.5	Peak	Horizontal
	4825.0	49.6	4.7	54.3	74.0	-19.7	Peak	Vertical
	4825.0	40.8	4.7	45.5	54.0	-8.5	Average	Vertical
	7273.0	35.9	8.5	44.4	74.0	-29.6	Peak	Vertical
	10800.5	34.7	11.4	46.1	74.0	-27.9	Peak	Vertical
06	4876.0	54.2	4.7	58.9	74.0	-15.1	Peak	Horizontal
	4876.0	48.2	4.7	52.9	54.0	-1.1	Average	Horizontal
	7468.5	36.2	8.4	44.6	74.0	-29.4	Peak	Horizontal
	11812.0	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
	4876.0	50.2	4.7	54.9	74.0	-19.1	Peak	Vertical
	4876.0	40.0	4.7	44.7	54.0	-9.3	Average	Vertical
	7307.0	36.9	8.1	45.0	74.0	-29.0	Peak	Vertical
	11812.0	34.2	12.8	47.0	74.0	-27.0	Peak	Vertical
11	4927.0	56.2	5.1	61.3	74.0	-12.7	Peak	Horizontal
	4927.0	48.4	5.1	53.5	54.0	-0.5	Average	Horizontal
	8165.5	37.8	8.0	45.8	74.0	-28.2	Peak	Horizontal
	11948.0	34.8	12.7	47.5	74.0	-26.5	Peak	Horizontal
	4927.0	50.9	5.1	56.0	74.0	-18.0	Peak	Vertical
	4927.0	41.2	5.1	46.3	54.0	-7.7	Average	Vertical
	7638.5	35.8	8.2	44.0	74.0	-30.0	Peak	Vertical
	11149.0	33.8	12.6	46.4	74.0	-27.6	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-29	Test Mode	VHT40
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 show 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	4833.5	46.5	4.7	51.2	74.0	-22.8	Peak	Horizontal
	4833.5	39.9	4.7	44.6	54.0	-9.4	Average	Horizontal
	7706.5	36.2	8.4	44.6	74.0	-29.4	Peak	Horizontal
	11659.0	34.7	12.5	47.2	74.0	-26.8	Peak	Horizontal
	4842.0	41.5	4.8	46.3	74.0	-27.7	Peak	Vertical
	8208.0	36.9	8.0	44.9	74.0	-29.1	Peak	Vertical
	10970.5	34.4	12.1	46.5	74.0	-27.5	Peak	Vertical
06	4884.5	56.1	4.9	61.0	74.0	-13.0	Peak	Horizontal
	4884.5	48.0	4.9	52.9	54.0	-1.1	Average	Horizontal
	7273.0	35.7	8.5	44.2	74.0	-29.8	Peak	Horizontal
	11098.0	35.0	11.8	46.8	74.0	-27.2	Peak	Horizontal
	4884.5	46.5	4.9	51.4	74.0	-22.6	Peak	Vertical
	4884.5	37.1	4.9	42.0	54.0	-12.0	Average	Vertical
	7264.5	36.4	8.5	44.9	74.0	-29.1	Peak	Vertical
	11378.5	31.4	12.6	44.0	74.0	-30.0	Peak	Vertical
09	4910.0	53.7	5.1	58.8	74.0	-15.2	Peak	Horizontal
	4910.0	47.7	5.1	52.8	54.0	-1.2	Average	Horizontal
	8182.5	37.1	7.8	44.9	74.0	-29.1	Peak	Horizontal
	11531.5	32.9	12.4	45.3	74.0	-28.7	Peak	Horizontal
	4910.0	47.7	5.1	52.8	74.0	-21.2	Peak	Vertical
	4910.0	38.9	5.1	44.0	54.0	-10.0	Average	Vertical
	7460.0	36.1	8.4	44.5	74.0	-29.5	Peak	Vertical
	10732.5	34.9	11.9	46.8	74.0	-27.2	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-29	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 show 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	4825.0	69.7	-6.2	63.5	74.0	-10.5	Peak	Horizontal
	4825.0	59.2	-6.2	53.0	54.0	-1.0	Average	Horizontal
	8089.0	42.7	3.1	45.8	74.0	-28.2	Peak	Horizontal
	11081.0	41.4	7.8	49.2	74.0	-24.8	Peak	Horizontal
	4825.0	64.4	-6.2	58.2	74.0	-15.8	Peak	Vertical
	4825.0	52.8	-6.2	46.6	54.0	-7.4	Average	Vertical
	8131.5	41.7	3.7	45.4	74.0	-28.6	Peak	Vertical
	11514.5	40.5	8.1	48.6	74.0	-25.4	Peak	Vertical
06	4876.0	68.2	-5.5	62.7	74.0	-11.3	Peak	Horizontal
	4876.0	59.0	-5.5	53.5	54.0	-0.5	Average	Horizontal
	7307.0	46.1	1.7	47.8	74.0	-26.2	Peak	Horizontal
	11455.0	40.9	8.0	48.9	74.0	-25.1	Peak	Horizontal
	4876.0	62.7	-5.5	57.2	74.0	-16.8	Peak	Vertical
	4876.0	51.1	-5.5	45.6	54.0	-8.4	Average	Vertical
	7426.0	42.7	2.3	45.0	74.0	-29.0	Peak	Vertical
	12075.5	41.8	7.7	49.5	74.0	-24.5	Peak	Vertical
11	4927.0	69.7	-5.8	63.9	74.0	-10.1	Peak	Horizontal
	4927.0	59.3	-5.8	53.5	54.0	-0.5	Average	Horizontal
	7383.5	43.0	2.0	45.0	74.0	-29.0	Peak	Horizontal
	11089.5	41.8	7.5	49.3	74.0	-24.7	Peak	Horizontal
	4918.5	66.6	-5.6	61.0	74.0	-13.0	Peak	Vertical
	4918.5	54.2	-5.6	48.6	54.0	-5.4	Average	Vertical
	8284.5	42.4	2.5	44.9	74.0	-29.1	Peak	Vertical
	11038.5	41.1	8.1	49.2	74.0	-24.8	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-29	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 show 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	4842.0	61.9	-6.0	55.9	74.0	-18.1	Peak	Horizontal
	4842.0	51.8	-6.0	45.8	54.0	-8.2	Average	Horizontal
	8131.5	42.8	3.7	46.5	74.0	-27.5	Peak	Horizontal
	11438.0	41.6	8.0	49.6	74.0	-24.4	Peak	Horizontal
	4842.0	53.9	-6.0	47.9	74.0	-26.1	Peak	Vertical
	8123.0	42.2	3.8	46.0	74.0	-28.0	Peak	Vertical
	11038.5	41.1	8.1	49.2	74.0	-24.8	Peak	Vertical
06	4884.5	53.1	4.9	58.0	74.0	-16.0	Peak	Horizontal
	4884.5	47.6	4.9	52.5	54.0	-1.5	Average	Horizontal
	7298.5	36.0	8.1	44.1	74.0	-29.9	Peak	Horizontal
	11038.5	34.3	12.1	46.4	74.0	-27.6	Peak	Horizontal
	4884.5	45.5	4.9	50.4	74.0	-23.6	Peak	Vertical
	7638.5	35.9	8.2	44.1	74.0	-29.9	Peak	Vertical
	11404.0	34.5	11.9	46.4	74.0	-27.6	Peak	Vertical
09	4910.0	53.9	5.1	59.0	74.0	-15.0	Peak	Horizontal
	4910.0	47.6	5.1	52.7	54.0	-1.3	Average	Horizontal
	7273.0	35.9	8.5	44.4	74.0	-29.6	Peak	Horizontal
	11514.5	34.2	12.4	46.6	74.0	-27.4	Peak	Horizontal
	4918.5	46.8	5.1	51.9	74.0	-22.1	Peak	Vertical
	4918.5	38.7	5.1	43.8	54.0	-10.2	Average	Vertical
	7536.5	34.5	7.9	42.4	74.0	-31.6	Peak	Vertical
	11055.5	34.4	12.3	46.7	74.0	-27.3	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)

L23UGSR-5HaxD2HaxD-US

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-09-17	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 show 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	4825.0	62.1	-7.8	54.3	74.0	-19.7	Peak	Horizontal
	4825.0	60.0	-7.8	52.2	54.0	-1.8	Average	Horizontal
	11166.0	47.4	-1.3	46.1	74.0	-27.9	Peak	Horizontal
	15892.0	44.3	5.0	49.3	74.0	-24.7	Peak	Horizontal
	4825.0	54.6	-7.8	46.8	74.0	-27.2	Peak	Vertical
	8284.5	48.6	-3.3	45.3	74.0	-28.7	Peak	Vertical
	11778.0	48.4	-1.9	46.5	74.0	-27.5	Peak	Vertical
06	4876.0	61.7	-7.5	54.2	74.0	-19.8	Peak	Horizontal
	4876.0	60.0	-7.5	52.5	54.0	-1.5	Average	Horizontal
	8488.5	47.3	-3.0	44.3	74.0	-29.7	Peak	Horizontal
	12058.5	46.9	-1.7	45.2	74.0	-28.8	Peak	Horizontal
	4876.0	51.3	-7.5	43.8	74.0	-30.2	Peak	Vertical
	8242.0	48.0	-3.2	44.8	74.0	-29.2	Peak	Vertical
	11880.0	48.3	-1.8	46.5	74.0	-27.5	Peak	Vertical
11	4927.0	62.8	-7.7	55.1	74.0	-18.9	Peak	Horizontal
	4927.0	60.5	-7.7	52.8	54.0	-1.2	Average	Horizontal
	8318.5	49.2	-3.3	45.9	74.0	-28.1	Peak	Horizontal
	12084.0	48.6	-1.8	46.8	74.0	-27.2	Peak	Horizontal
	4927.0	50.5	-7.7	42.8	74.0	-31.2	Peak	Vertical
	11132.0	48.4	-1.4	47.0	74.0	-27.0	Peak	Vertical
	16053.5	45.8	4.9	50.7	74.0	-23.3	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-09-17	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 show 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	4825.0	72.3	-7.8	64.5	74.0	-9.5	Peak	Horizontal
	4825.0	60.6	-7.8	52.8	54.0	-1.2	Average	Horizontal
	7579.0	49.8	-4.4	45.4	74.0	-28.6	Peak	Horizontal
	11293.5	47.4	-1.8	45.6	74.0	-28.4	Peak	Horizontal
	4825.0	54.1	-7.8	46.3	74.0	-27.7	Peak	Vertical
	9457.5	49.4	-2.3	47.1	74.0	-26.9	Peak	Vertical
	15841.0	46.2	4.3	50.5	74.0	-23.5	Peak	Vertical
06	4876.0	66.1	-7.5	58.6	74.0	-15.4	Peak	Horizontal
	4876.0	56.5	-7.5	49.0	54.0	-5.0	Average	Horizontal
	11820.5	47.9	-1.8	46.1	74.0	-27.9	Peak	Horizontal
	15858.0	44.4	4.5	48.9	74.0	-25.1	Peak	Horizontal
	4876.0	51.8	-7.5	44.3	74.0	-29.7	Peak	Vertical
	11676.0	47.8	-1.7	46.1	74.0	-27.9	Peak	Vertical
	15892.0	45.3	5.0	50.3	74.0	-23.7	Peak	Vertical
11	4927.0	72.3	-7.7	64.6	74.0	-9.4	Peak	Horizontal
	4927.0	60.1	-7.7	52.4	54.0	-1.6	Average	Horizontal
	11115.0	48.3	-1.5	46.8	74.0	-27.2	Peak	Horizontal
	15917.5	45.1	5.1	50.2	74.0	-23.8	Peak	Horizontal
	4927.0	52.8	-7.7	45.1	74.0	-28.9	Peak	Vertical
	11965.0	47.6	-1.8	45.8	74.0	-28.2	Peak	Vertical
	16028.0	45.1	4.9	50.0	74.0	-24.0	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-09-17	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 show 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	4825.0	72.6	-7.8	64.8	74.0	-9.2	Peak	Horizontal
	4825.0	60.0	-7.8	52.2	54.0	-1.8	Average	Horizontal
	8276.0	47.7	-3.3	44.4	74.0	-29.6	Peak	Horizontal
	11931.0	46.9	-1.8	45.1	74.0	-28.9	Peak	Horizontal
	4825.0	52.9	-7.8	45.1	74.0	-28.9	Peak	Vertical
	7630.0	49.7	-4.3	45.4	74.0	-28.6	Peak	Vertical
	11523.0	47.5	-1.5	46.0	74.0	-28.0	Peak	Vertical
06	4876.0	70.6	-7.5	63.1	74.0	-10.9	Peak	Horizontal
	4876.0	59.3	-7.5	51.8	54.0	-2.2	Average	Horizontal
	8242.0	47.7	-3.2	44.5	74.0	-29.5	Peak	Horizontal
	11132.0	47.5	-1.4	46.1	74.0	-27.9	Peak	Horizontal
	4876.0	54.6	-7.5	47.1	74.0	-26.9	Peak	Vertical
	11166.0	47.7	-1.3	46.4	74.0	-27.6	Peak	Vertical
	15781.5	45.2	5.0	50.2	74.0	-23.8	Peak	Vertical
11	4918.5	71.5	-7.7	63.8	74.0	-10.2	Peak	Horizontal
	4918.5	60.9	-7.7	53.2	54.0	-0.8	Average	Horizontal
	8165.5	47.7	-3.5	44.2	74.0	-29.8	Peak	Horizontal
	11497.5	47.4	-1.7	45.7	74.0	-28.3	Peak	Horizontal
	4927.0	53.5	-7.7	45.8	74.0	-28.2	Peak	Vertical
	7681.0	49.9	-4.2	45.7	74.0	-28.3	Peak	Vertical
	11412.5	47.6	-1.5	46.1	74.0	-27.9	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-09-17	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 show 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	4833.5	65.8	-7.7	58.1	74.0	-15.9	Peak	Horizontal
	4833.5	55.7	-7.7	48.0	54.0	-6.0	Average	Horizontal
	8148.5	48.1	-3.4	44.7	74.0	-29.3	Peak	Horizontal
	11497.5	46.7	-1.7	45.0	74.0	-29.0	Peak	Horizontal
	4833.5	51.6	-7.7	43.9	74.0	-30.1	Peak	Vertical
	8284.5	48.1	-3.3	44.8	74.0	-29.2	Peak	Vertical
	11897.0	47.9	-1.7	46.2	74.0	-27.8	Peak	Vertical
06	4876.0	66.4	-7.5	58.9	74.0	-15.1	Peak	Horizontal
	4876.0	56.4	-7.5	48.9	54.0	-5.1	Average	Horizontal
	8318.5	47.7	-3.3	44.4	74.0	-29.6	Peak	Horizontal
	11676.0	48.0	-1.7	46.3	74.0	-27.7	Peak	Horizontal
	4884.5	51.4	-7.6	43.8	74.0	-30.2	Peak	Vertical
	8267.5	48.3	-3.3	45.0	74.0	-29.0	Peak	Vertical
	11633.5	47.6	-1.7	45.9	74.0	-28.1	Peak	Vertical
09	4918.5	65.1	-7.7	57.4	74.0	-16.6	Peak	Horizontal
	4918.5	55.5	-7.7	47.8	54.0	-6.2	Average	Horizontal
	11123.5	46.4	-1.4	45.0	74.0	-29.0	Peak	Horizontal
	16011.0	44.7	5.1	49.8	74.0	-24.2	Peak	Horizontal
	4901.5	50.3	-7.7	42.6	74.0	-31.4	Peak	Vertical
	12152.0	49.1	-1.7	47.4	74.0	-26.6	Peak	Vertical
	15679.5	43.6	4.7	48.3	74.0	-25.7	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-09-17	Test Mode	VHT20
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 show 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	4825.0	71.6	-9.8	61.8	74.0	-12.2	Peak	Horizontal
	4825.0	62.2	-9.8	52.4	54.0	-1.6	Average	Horizontal
	7409.0	49.6	-6.6	43.0	74.0	-31.0	Peak	Horizontal
	12356.0	45.4	-2.5	42.9	74.0	-31.1	Peak	Horizontal
	4816.5	55.8	-9.9	45.9	74.0	-28.1	Peak	Vertical
	8412.0	47.7	-5.7	42.0	74.0	-32.0	Peak	Vertical
	11191.5	47.1	-3.8	43.3	74.0	-30.7	Peak	Vertical
06	4876.0	70.8	-9.8	61.0	74.0	-13.0	Peak	Horizontal
	4876.0	60.1	-9.8	50.3	54.0	-3.7	Average	Horizontal
	8284.5	48.6	-5.2	43.4	74.0	-30.6	Peak	Horizontal
	11557.0	46.3	-3.4	42.9	74.0	-31.1	Peak	Horizontal
	4876.0	54.9	-9.8	45.1	74.0	-28.9	Peak	Vertical
	8284.5	48.1	-5.2	42.9	74.0	-31.1	Peak	Vertical
	11497.5	46.8	-3.2	43.6	74.0	-30.4	Peak	Vertical
11	4918.5	73.6	-9.6	64.0	74.0	-10.0	Peak	Horizontal
	4918.5	63.5	-9.6	53.9	54.0	-0.1	Average	Horizontal
	7460.0	47.0	-6.2	40.8	74.0	-33.2	Peak	Horizontal
	11191.5	46.6	-3.8	42.8	74.0	-31.2	Peak	Horizontal
	4927.0	57.5	-9.6	47.9	74.0	-26.1	Peak	Vertical
	7689.5	47.9	-6.0	41.9	74.0	-32.1	Peak	Vertical
	11727.0	46.5	-3.2	43.3	74.0	-30.7	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-09-17	Test Mode	VHT40
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 show 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	4833.5	67.5	-9.7	57.8	74.0	-16.2	Peak	Horizontal
	4833.5	57.7	-9.7	48.0	54.0	-6.0	Average	Horizontal
	8284.5	49.2	-5.2	44.0	74.0	-30.0	Peak	Horizontal
	11591.0	46.4	-3.4	43.0	74.0	-31.0	Peak	Horizontal
	4842.0	53.9	-9.6	44.3	74.0	-29.7	Peak	Vertical
	9058.0	47.9	-5.0	42.9	74.0	-31.1	Peak	Vertical
	12177.5	47.1	-2.8	44.3	74.0	-29.7	Peak	Vertical
06	4876.0	68.2	-9.8	58.4	74.0	-15.6	Peak	Horizontal
	4876.0	57.2	-9.8	47.4	54.0	-6.6	Average	Horizontal
	8182.5	47.2	-5.4	41.8	74.0	-32.2	Peak	Horizontal
	11557.0	45.5	-3.4	42.1	74.0	-31.9	Peak	Horizontal
	4884.5	52.6	-9.7	42.9	74.0	-31.1	Peak	Vertical
	8157.0	47.8	-5.4	42.4	74.0	-31.6	Peak	Vertical
	12058.5	46.9	-3.0	43.9	74.0	-30.1	Peak	Vertical
09	4910.0	67.5	-9.6	57.9	74.0	-16.1	Peak	Horizontal
	4910.0	58.4	-9.6	48.8	54.0	-5.2	Average	Horizontal
	8284.5	47.3	-5.2	42.1	74.0	-31.9	Peak	Horizontal
	12526.0	46.1	-2.7	43.4	74.0	-30.6	Peak	Horizontal
	4918.5	52.0	-9.6	42.4	74.0	-31.6	Peak	Vertical
	8369.5	47.2	-5.2	42.0	74.0	-32.0	Peak	Vertical
	11846.0	46.2	-2.9	43.3	74.0	-30.7	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-09-17	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 show 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	4816.5	73.8	-7.8	66.0	74.0	-8.0	Peak	Horizontal
	4816.5	60.7	-7.8	52.9	54.0	-1.1	Average	Horizontal
	8157.0	48.2	-3.4	44.8	74.0	-29.2	Peak	Horizontal
	11531.5	46.7	-1.5	45.2	74.0	-28.8	Peak	Horizontal
	4825.0	54.4	-7.8	46.6	74.0	-27.4	Peak	Vertical
	11123.5	48.9	-1.4	47.5	74.0	-26.5	Peak	Vertical
	15934.5	45.4	4.7	50.1	74.0	-23.9	Peak	Vertical
06	4876.0	73.6	-7.5	66.1	74.0	-7.9	Peak	Horizontal
	4876.0	60.4	-7.5	52.9	54.0	-1.1	Average	Horizontal
	8182.5	47.9	-3.5	44.4	74.0	-29.6	Peak	Horizontal
	11735.5	47.6	-1.8	45.8	74.0	-28.2	Peak	Horizontal
	4876.0	53.4	-7.5	45.9	74.0	-28.1	Peak	Vertical
	11650.5	48.2	-1.7	46.5	74.0	-27.5	Peak	Vertical
	15560.5	44.2	4.6	48.8	74.0	-25.2	Peak	Vertical
11	4927.0	71.5	-7.7	63.8	74.0	-10.2	Peak	Horizontal
	4927.0	60.3	-7.7	52.6	54.0	-1.4	Average	Horizontal
	11880.0	47.9	-1.8	46.1	74.0	-27.9	Peak	Horizontal
	15577.5	44.0	4.6	48.6	74.0	-25.4	Peak	Horizontal
	4927.0	52.5	-7.7	44.8	74.0	-29.2	Peak	Vertical
	8276.0	48.7	-3.3	45.4	74.0	-28.6	Peak	Vertical
	11506.0	47.8	-1.7	46.1	74.0	-27.9	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-09-17	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 show 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	4842.0	65.8	-7.5	58.3	74.0	-15.7	Peak	Horizontal
	4842.0	55.6	-7.5	48.1	54.0	-5.9	Average	Horizontal
	8344.0	47.7	-3.4	44.3	74.0	-29.7	Peak	Horizontal
	12186.0	47.8	-1.6	46.2	74.0	-27.8	Peak	Horizontal
	7545.0	49.5	-4.6	44.9	74.0	-29.1	Peak	Vertical
	11200.0	47.8	-1.6	46.2	74.0	-27.8	Peak	Vertical
	15900.5	44.3	5.1	49.4	74.0	-24.6	Peak	Vertical
06	4876.0	65.6	-7.5	58.1	74.0	-15.9	Peak	Horizontal
	4876.0	56.3	-7.5	48.8	54.0	-5.2	Average	Horizontal
	11446.5	46.7	-1.5	45.2	74.0	-28.8	Peak	Horizontal
	15909.0	43.8	5.2	49.0	74.0	-25.0	Peak	Horizontal
	4867.5	51.5	-7.6	43.9	74.0	-30.1	Peak	Vertical
	8233.5	49.1	-3.2	45.9	74.0	-28.1	Peak	Vertical
	11438.0	47.7	-1.4	46.3	74.0	-27.7	Peak	Vertical
09	4927.0	65.5	-7.7	57.8	74.0	-16.2	Peak	Horizontal
	4927.0	54.9	-7.7	47.2	54.0	-6.8	Average	Horizontal
	8250.5	48.8	-3.2	45.6	74.0	-28.4	Peak	Horizontal
	11557.0	48.0	-1.9	46.1	74.0	-27.9	Peak	Horizontal
	7460.0	48.6	-4.8	43.8	74.0	-30.2	Peak	Vertical
	11234.0	47.2	-1.5	45.7	74.0	-28.3	Peak	Vertical
	15934.5	45.3	4.7	50.0	74.0	-24.0	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)

L23UGSR-5HaxD2HaxD-NM-US

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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 show 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	7613.0	32.8	11.8	44.6	74.0	-29.4	Peak	Horizontal
	11540.0	30.8	17.6	48.4	74.0	-25.6	Peak	Horizontal
	15773.0	30.4	16.9	47.3	74.0	-26.7	Peak	Horizontal
	4825.0	41.5	3.0	44.5	74.0	-29.5	Peak	Vertical
	7613.0	32.8	11.8	44.6	74.0	-29.4	Peak	Vertical
	11548.5	30.7	17.7	48.4	74.0	-25.6	Peak	Vertical
06	4901.5	35.4	3.1	38.5	74.0	-35.5	Peak	Horizontal
	11548.5	30.5	17.7	48.2	74.0	-25.8	Peak	Horizontal
	15560.5	29.5	17.6	47.1	74.0	-26.9	Peak	Horizontal
	4876.0	40.4	3.0	43.4	74.0	-30.6	Peak	Vertical
	11574.0	30.7	17.7	48.4	74.0	-25.6	Peak	Vertical
	15917.5	29.2	17.1	46.3	74.0	-27.7	Peak	Vertical
11	5012.0	31.9	3.3	35.2	74.0	-38.8	Peak	Horizontal
	11421.0	32.2	17.4	49.6	74.0	-24.4	Peak	Horizontal
	15705.0	29.7	17.0	46.7	74.0	-27.3	Peak	Horizontal
	4927.0	36.4	3.3	39.7	74.0	-34.3	Peak	Vertical
	11633.5	29.4	17.7	47.1	74.0	-26.9	Peak	Vertical
	15705.0	28.5	17.0	45.5	74.0	-28.5	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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 show 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	4876.0	32.9	3.0	35.9	74.0	-38.1	Peak	Horizontal
	7298.5	32.2	11.4	43.6	74.0	-30.4	Peak	Horizontal
	11344.5	31.3	17.3	48.6	74.0	-25.4	Peak	Horizontal
	4825.0	41.2	3.0	44.2	74.0	-29.8	Peak	Vertical
	11480.5	30.7	17.6	48.3	74.0	-25.7	Peak	Vertical
	15637.0	29.2	17.1	46.3	74.0	-27.7	Peak	Vertical
06	4119.5	35.4	0.8	36.2	74.0	-37.8	Peak	Horizontal
	5080.0	33.1	3.5	36.6	74.0	-37.4	Peak	Horizontal
	11854.5	31.1	17.2	48.3	74.0	-25.7	Peak	Horizontal
	3992.0	33.5	0.0	33.5	74.0	-40.5	Peak	Vertical
	4876.0	41.5	3.0	44.5	74.0	-29.5	Peak	Vertical
	11531.5	29.7	17.3	47.0	74.0	-27.0	Peak	Vertical
11	4111.0	36.7	0.8	37.5	74.0	-36.5	Peak	Horizontal
	4901.5	33.7	3.1	36.8	74.0	-37.2	Peak	Horizontal
	11642.0	30.6	17.9	48.5	74.0	-25.5	Peak	Horizontal
	4128.0	35.9	0.7	36.6	74.0	-37.4	Peak	Vertical
	4918.5	39.2	3.2	42.4	74.0	-31.6	Peak	Vertical
	11378.5	30.7	17.3	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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 show 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	4136.5	33.8	0.7	34.5	74.0	-39.5	Peak	Horizontal
	4816.5	37.5	3.0	40.5	74.0	-33.5	Peak	Horizontal
	12237.0	31.3	17.5	48.8	74.0	-25.2	Peak	Horizontal
	4009.0	34.5	0.1	34.6	74.0	-39.4	Peak	Vertical
	4825.0	42.0	3.0	45.0	74.0	-29.0	Peak	Vertical
	11378.5	28.6	17.3	45.9	74.0	-28.1	Peak	Vertical
06	3949.5	34.4	-0.1	34.3	74.0	-39.7	Peak	Horizontal
	5037.5	34.0	3.3	37.3	74.0	-36.7	Peak	Horizontal
	11531.5	31.0	17.3	48.3	74.0	-25.7	Peak	Horizontal
	4272.5	36.1	1.3	37.4	74.0	-36.6	Peak	Vertical
	4876.0	39.2	3.0	42.2	74.0	-31.8	Peak	Vertical
	11531.5	31.4	17.3	48.7	74.0	-25.3	Peak	Vertical
11	4060.0	34.4	0.4	34.8	74.0	-39.2	Peak	Horizontal
	4876.0	32.9	3.0	35.9	74.0	-38.1	Peak	Horizontal
	11565.5	30.2	17.8	48.0	74.0	-26.0	Peak	Horizontal
	4119.5	34.8	0.8	35.6	74.0	-38.4	Peak	Vertical
	4918.5	36.8	3.2	40.0	74.0	-34.0	Peak	Vertical
	11506.0	30.8	17.4	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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 show 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	4009.0	34.2	0.1	34.3	74.0	-39.7	Peak	Horizontal
	4944.0	33.4	3.2	36.6	74.0	-37.4	Peak	Horizontal
	11803.5	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
	4026.0	33.7	0.3	34.0	74.0	-40.0	Peak	Vertical
	4842.0	37.8	3.2	41.0	74.0	-33.0	Peak	Vertical
	11684.5	28.7	17.3	46.0	74.0	-28.0	Peak	Vertical
06	3898.5	37.2	-0.2	37.0	74.0	-37.0	Peak	Horizontal
	4825.0	35.1	3.0	38.1	74.0	-35.9	Peak	Horizontal
	11098.0	31.5	16.8	48.3	74.0	-25.7	Peak	Horizontal
	4094.0	33.1	0.6	33.7	74.0	-40.3	Peak	Vertical
	4859.0	37.9	3.2	41.1	74.0	-32.9	Peak	Vertical
	11599.5	32.4	17.2	49.6	74.0	-24.4	Peak	Vertical
09	3890.0	37.0	-0.1	36.9	74.0	-37.1	Peak	Horizontal
	5037.5	33.1	3.3	36.4	74.0	-37.6	Peak	Horizontal
	11863.0	31.7	17.2	48.9	74.0	-25.1	Peak	Horizontal
	4077.0	32.7	0.4	33.1	74.0	-40.9	Peak	Vertical
	4825.0	35.1	3.0	38.1	74.0	-35.9	Peak	Vertical
	11718.5	30.7	17.8	48.5	74.0	-25.5	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	VHT20
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 show 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	3992.0	34.4	0.0	34.4	74.0	-39.6	Peak	Horizontal
	4689.0	33.3	2.9	36.2	74.0	-37.8	Peak	Horizontal
	11531.5	31.5	17.3	48.8	74.0	-25.2	Peak	Horizontal
	3966.5	35.3	-0.1	35.2	74.0	-38.8	Peak	Vertical
	4825.0	37.8	3.0	40.8	74.0	-33.2	Peak	Vertical
	11659.0	30.9	17.7	48.6	74.0	-25.4	Peak	Vertical
06	4119.5	33.8	0.8	34.6	74.0	-39.4	Peak	Horizontal
	4748.5	33.0	3.0	36.0	74.0	-38.0	Peak	Horizontal
	11659.0	30.9	17.7	48.6	74.0	-25.4	Peak	Horizontal
	3975.0	34.8	0.0	34.8	74.0	-39.2	Peak	Vertical
	4876.0	40.9	3.0	43.9	74.0	-30.1	Peak	Vertical
	11378.5	29.6	17.3	46.9	74.0	-27.1	Peak	Vertical
11	4340.5	34.6	1.5	36.1	74.0	-37.9	Peak	Horizontal
	4833.5	33.5	3.1	36.6	74.0	-37.4	Peak	Horizontal
	11378.5	29.6	17.3	46.9	74.0	-27.1	Peak	Horizontal
	4094.0	33.5	0.6	34.1	74.0	-39.9	Peak	Vertical
	4927.0	37.3	3.3	40.6	74.0	-33.4	Peak	Vertical
	11531.5	29.7	17.3	47.0	74.0	-27.0	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	VHT40
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 show 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	4213.0	34.8	1.0	35.8	74.0	-38.2	Peak	Horizontal
	4731.5	32.4	2.9	35.3	74.0	-38.7	Peak	Horizontal
	11531.5	29.7	17.3	47.0	74.0	-27.0	Peak	Horizontal
	4009.0	33.5	0.1	33.6	74.0	-40.4	Peak	Vertical
	4825.0	38.1	3.0	41.1	74.0	-32.9	Peak	Vertical
	11531.5	29.4	17.3	46.7	74.0	-27.3	Peak	Vertical
06	4043.0	34.3	0.3	34.6	74.0	-39.4	Peak	Horizontal
	4774.0	32.3	3.2	35.5	74.0	-38.5	Peak	Horizontal
	11302.0	29.7	17.2	46.9	74.0	-27.1	Peak	Horizontal
	3898.5	34.9	-0.2	34.7	74.0	-39.3	Peak	Vertical
	4859.0	39.2	3.2	42.4	74.0	-31.6	Peak	Vertical
	11948.0	29.4	16.9	46.3	74.0	-27.7	Peak	Vertical
09	3898.5	34.8	-0.2	34.6	74.0	-39.4	Peak	Horizontal
	4859.0	34.8	3.2	38.0	74.0	-36.0	Peak	Horizontal
	11948.0	29.4	16.9	46.3	74.0	-27.7	Peak	Horizontal
	4153.5	32.4	0.7	33.1	74.0	-40.9	Peak	Vertical
	4918.5	35.4	3.2	38.6	74.0	-35.4	Peak	Vertical
	11973.5	32.7	17.3	50.0	74.0	-24.0	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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 show 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	3898.5	36.2	-0.2	36.0	74.0	-38.0	Peak	Horizontal
	5063.0	34.8	3.5	38.3	74.0	-35.7	Peak	Horizontal
	11803.5	31.1	17.7	48.8	74.0	-25.2	Peak	Horizontal
	4111.0	36.2	0.8	37.0	74.0	-37.0	Peak	Vertical
	4816.5	41.9	3.0	44.9	74.0	-29.1	Peak	Vertical
	11531.5	31.2	17.3	48.5	74.0	-25.5	Peak	Vertical
06	4009.0	33.4	0.1	33.5	74.0	-40.5	Peak	Horizontal
	4978.0	35.8	3.0	38.8	74.0	-35.2	Peak	Horizontal
	11710.0	30.5	17.8	48.3	74.0	-25.7	Peak	Horizontal
	3847.5	35.6	-0.2	35.4	74.0	-38.6	Peak	Vertical
	4867.5	41.4	3.1	44.5	74.0	-29.5	Peak	Vertical
	11582.5	30.8	17.5	48.3	74.0	-25.7	Peak	Vertical
11	4060.0	33.6	0.4	34.0	74.0	-40.0	Peak	Horizontal
	4927.0	33.4	3.3	36.7	74.0	-37.3	Peak	Horizontal
	11557.0	30.8	17.9	48.7	74.0	-25.3	Peak	Horizontal
	3847.5	34.7	-0.2	34.5	74.0	-39.5	Peak	Vertical
	4927.0	38.3	3.3	41.6	74.0	-32.4	Peak	Vertical
	11429.5	29.1	17.3	46.4	74.0	-27.6	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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 show 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	4043.0	34.2	0.3	34.5	74.0	-39.5	Peak	Horizontal
	4680.5	35.1	2.8	37.9	74.0	-36.1	Peak	Horizontal
	11642.0	30.6	17.9	48.5	74.0	-25.5	Peak	Horizontal
	3915.5	34.7	-0.2	34.5	74.0	-39.5	Peak	Vertical
	4842.0	39.3	3.2	42.5	74.0	-31.5	Peak	Vertical
	11489.0	31.0	17.7	48.7	74.0	-25.3	Peak	Vertical
06	3813.5	35.4	-0.2	35.2	74.0	-38.8	Peak	Horizontal
	4621.0	33.3	2.5	35.8	74.0	-38.2	Peak	Horizontal
	11684.5	29.7	17.3	47.0	74.0	-27.0	Peak	Horizontal
	3975.0	34.0	0.0	34.0	74.0	-40.0	Peak	Vertical
	4859.0	39.8	3.2	43.0	74.0	-31.0	Peak	Vertical
	11871.5	31.3	17.3	48.6	74.0	-25.4	Peak	Vertical
09	3932.5	34.8	-0.1	34.7	74.0	-39.3	Peak	Horizontal
	4859.0	35.0	3.2	38.2	74.0	-35.8	Peak	Horizontal
	11786.5	29.5	17.6	47.1	74.0	-26.9	Peak	Horizontal
	3847.5	34.3	-0.2	34.1	74.0	-39.9	Peak	Vertical
	4731.5	32.5	2.9	35.4	74.0	-38.6	Peak	Vertical
	11582.5	31.3	17.5	48.8	74.0	-25.2	Peak	Vertical

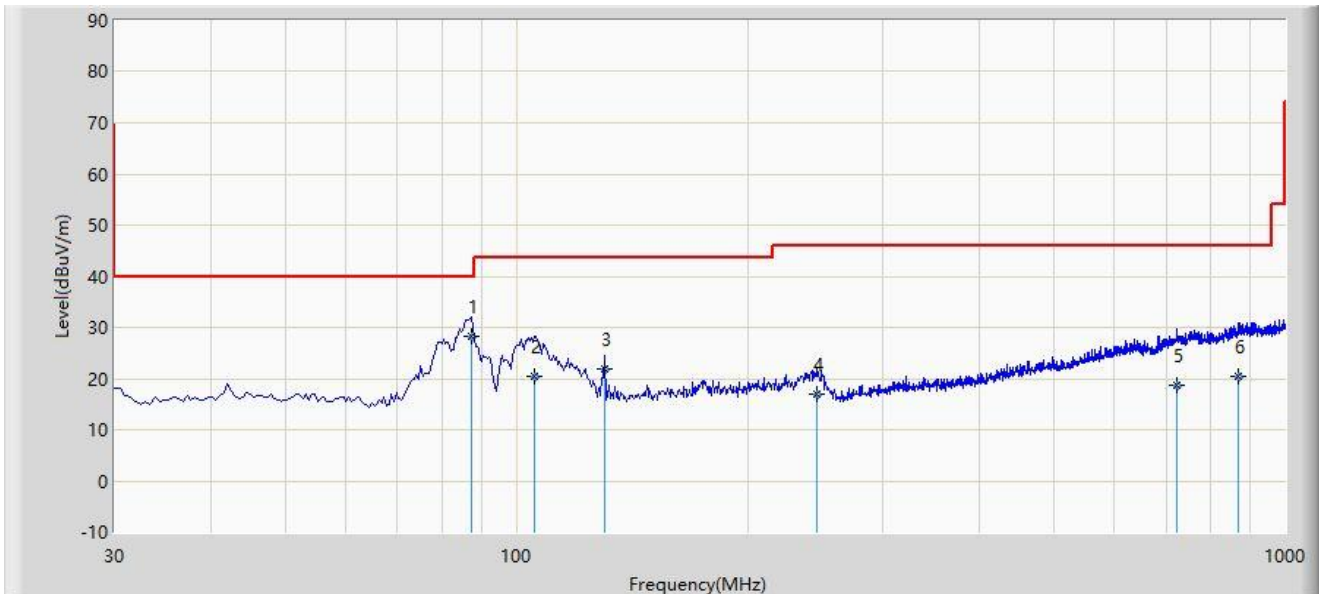
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

The Result of Radiated Emission below 1GHz:

L22UGS-5HaxD2HaxD-15S-US

Site: SIP-AC3	Test Date: 2023-11-29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00997_25-2000MHz	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	87.230	28.157	15.900	-11.843	40.000	12.257	QP
2		105.660	20.421	6.000	-23.079	43.500	14.421	QP
3		130.395	21.779	5.100	-21.721	43.500	16.679	QP
4		246.310	16.950	0.200	-29.050	46.000	16.750	QP
5		722.580	18.641	-8.600	-27.359	46.000	27.241	QP
6		868.565	20.360	-8.700	-25.640	46.000	29.060	QP

Note 1: " * ", means this data is the worst emission level.

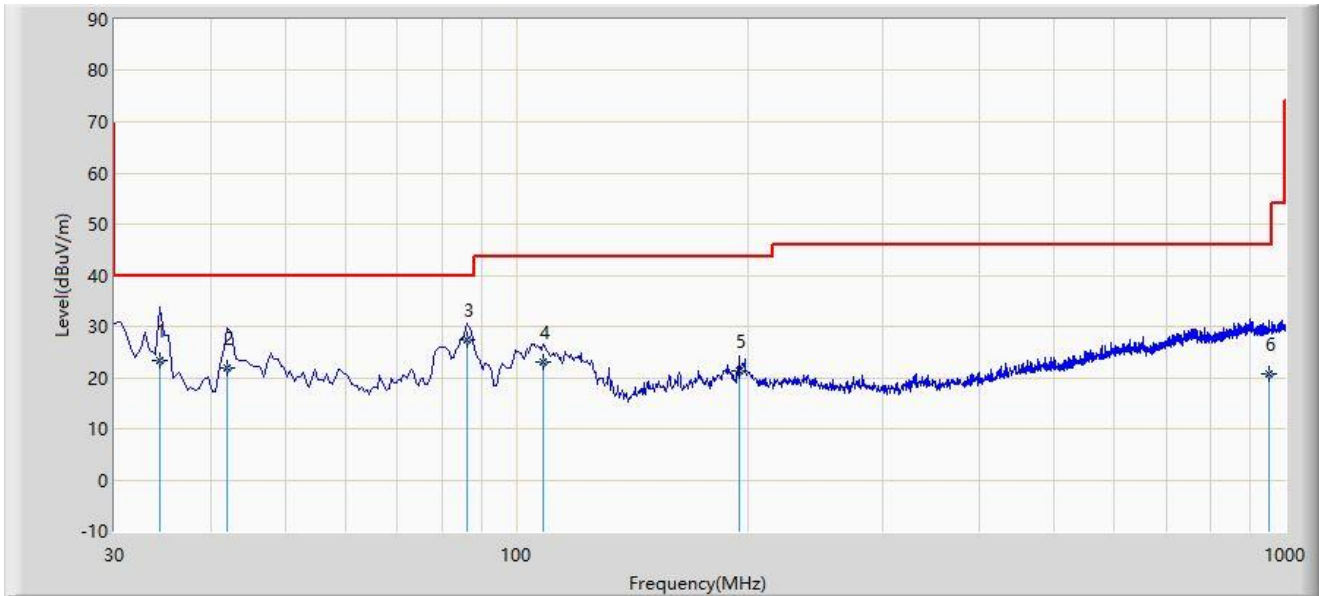
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) 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: SIP-AC3	Test Date: 2023-11-29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00997_25-2000MHz	Polarity: Vertical
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		34.365	23.349	6.300	-16.651	40.000	17.049	QP
2		42.125	21.991	4.300	-18.009	40.000	17.691	QP
3	*	86.260	27.466	15.100	-12.534	40.000	12.366	QP
4		108.547	23.124	8.300	-20.376	43.500	14.823	QP
5		194.900	21.390	6.300	-22.110	43.500	15.090	QP
6		951.500	20.850	-8.700	-25.150	46.000	29.550	QP

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

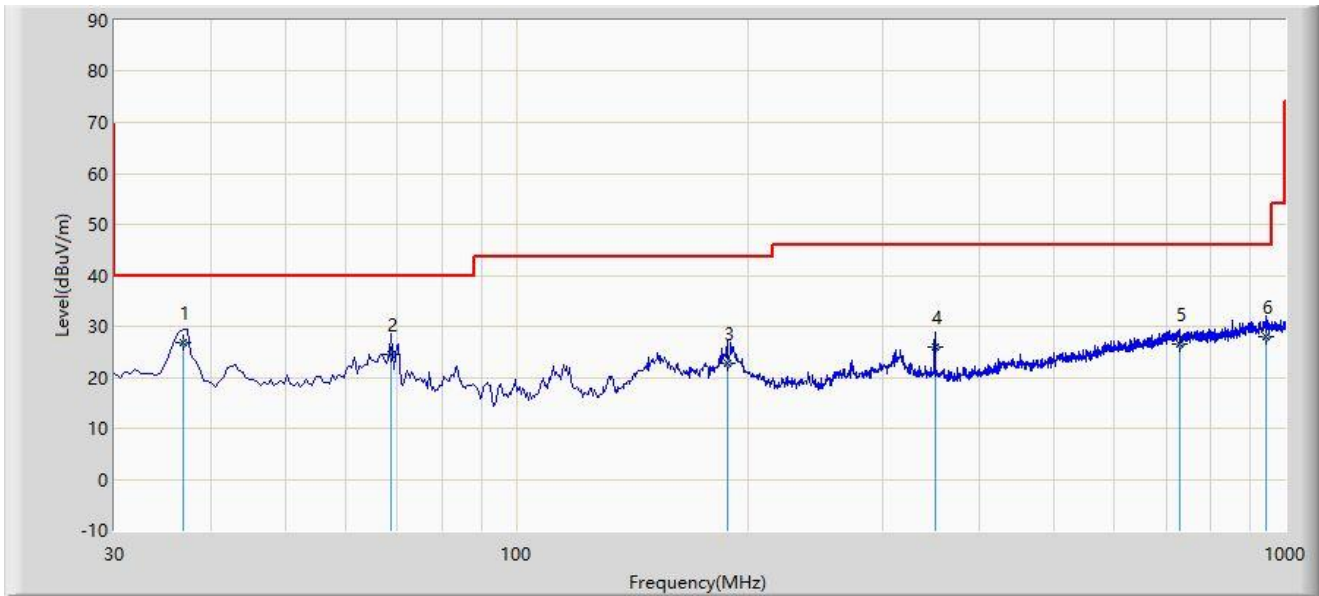
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) 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.

L23UGSR-5HaxD2HaxD-US

Site: SIP-AC1	Test Date: 2023-09-17
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00998_25-2000MHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	36.790	26.919	9.874	-13.081	40.000	17.045	QP
2		68.800	24.556	8.624	-15.444	40.000	15.932	QP
3		188.110	22.666	7.365	-20.834	43.500	15.301	QP
4		350.100	25.941	6.541	-20.059	46.000	19.400	QP
5		729.855	26.526	-0.874	-19.474	46.000	27.400	QP
6		946.165	27.942	-1.765	-18.058	46.000	29.707	QP

Note 1: " * ", means this data is the worst emission level.

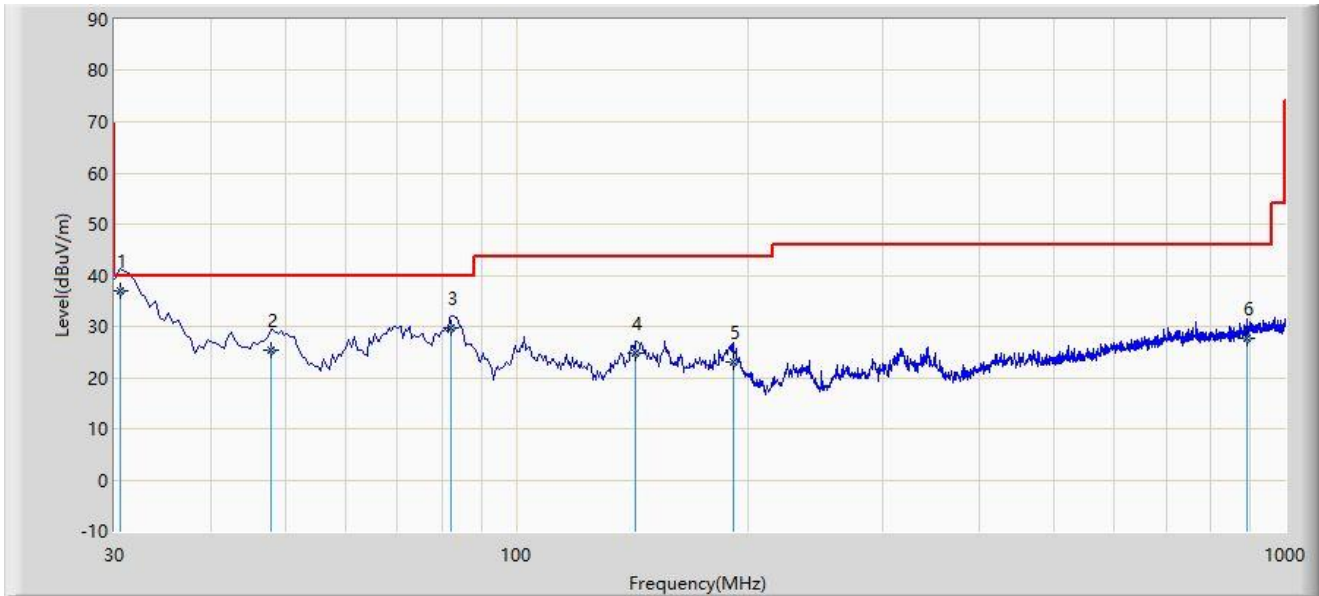
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) 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: SIP-AC1	Test Date: 2023-09-17
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00998_25-2000MHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	30.485	37.030	20.300	-2.970	40.000	16.730	QP
2		47.945	25.292	7.247	-14.708	40.000	18.045	QP
3		82.380	29.681	16.768	-10.319	40.000	12.913	QP
4		142.520	24.680	6.547	-18.820	43.500	18.133	QP
5		191.505	23.161	8.247	-20.339	43.500	14.914	QP
6		892.330	27.751	-1.741	-18.249	46.000	29.492	QP

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

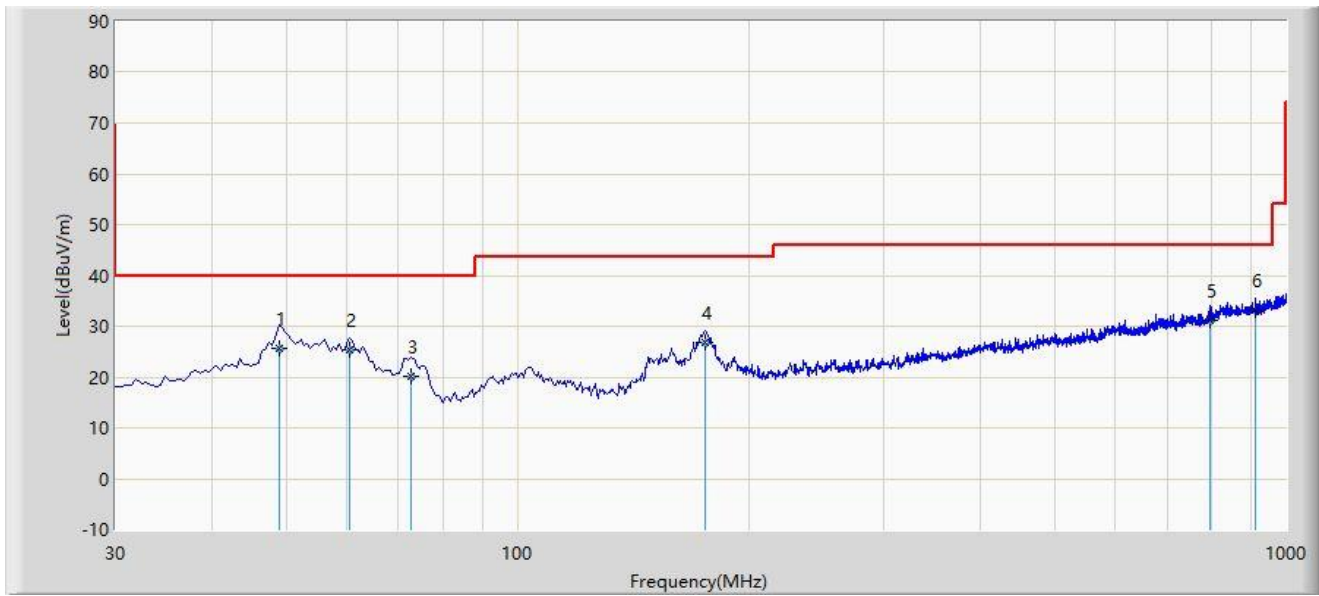
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) 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.

L23UGSR-5HaxD2HaxD-NM-US

Site: WZ-AC2	Test Date: 2024-02-02
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: VULB9162_30-7000MHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11b at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		48.915	25.763	5.200	-14.237	40.000	20.563	QP
2		60.555	25.384	6.200	-14.616	40.000	19.183	QP
3		72.680	20.237	4.900	-19.763	40.000	15.337	QP
4		175.500	26.729	10.300	-16.771	43.500	16.429	QP
5		796.300	31.078	1.200	-14.922	46.000	29.878	QP
6	*	910.760	33.165	2.200	-12.835	46.000	30.965	QP

Note 1: " * ", means this data is the worst emission level.

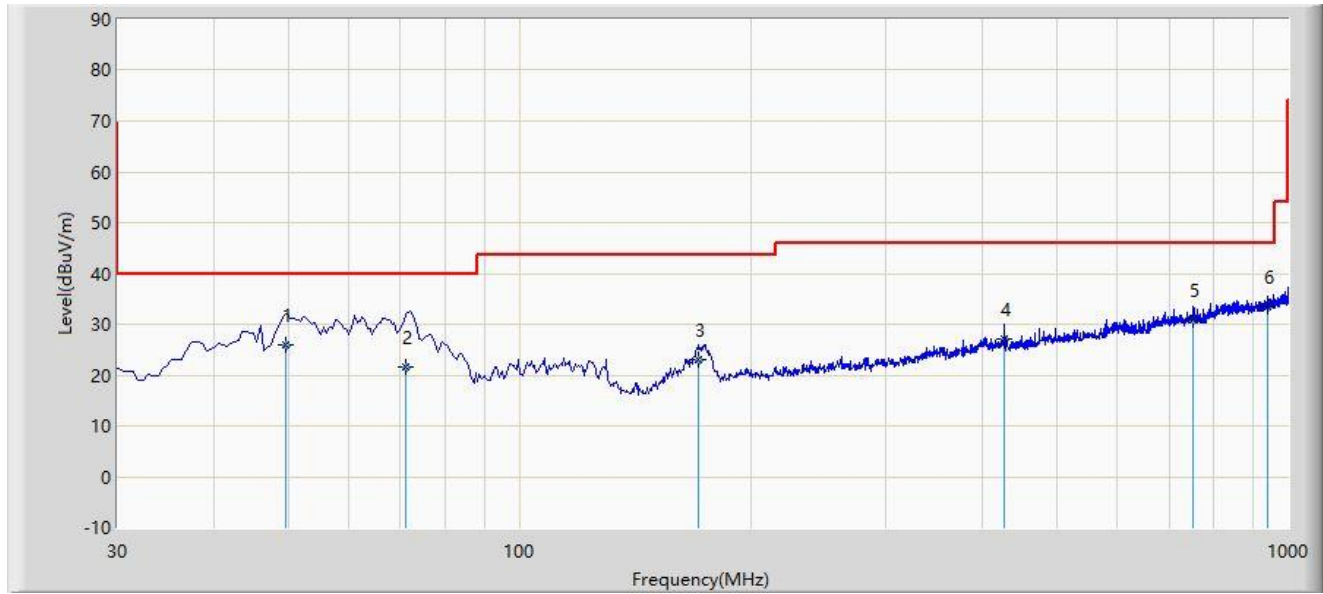
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) 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: WZ-AC2	Test Date: 2024-02-02
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: VULB9162_30-7000MHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11b at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		49.760	26.042	5.500	-13.958	40.000	20.542	QP
2		71.200	21.470	5.600	-18.530	40.000	15.871	QP
3		171.135	22.917	6.740	-20.583	43.500	16.178	QP
4		428.185	27.042	3.100	-18.958	46.000	23.942	QP
5		752.165	30.839	1.600	-15.161	46.000	29.239	QP
6	*	941.315	33.500	2.100	-12.500	46.000	31.400	QP

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

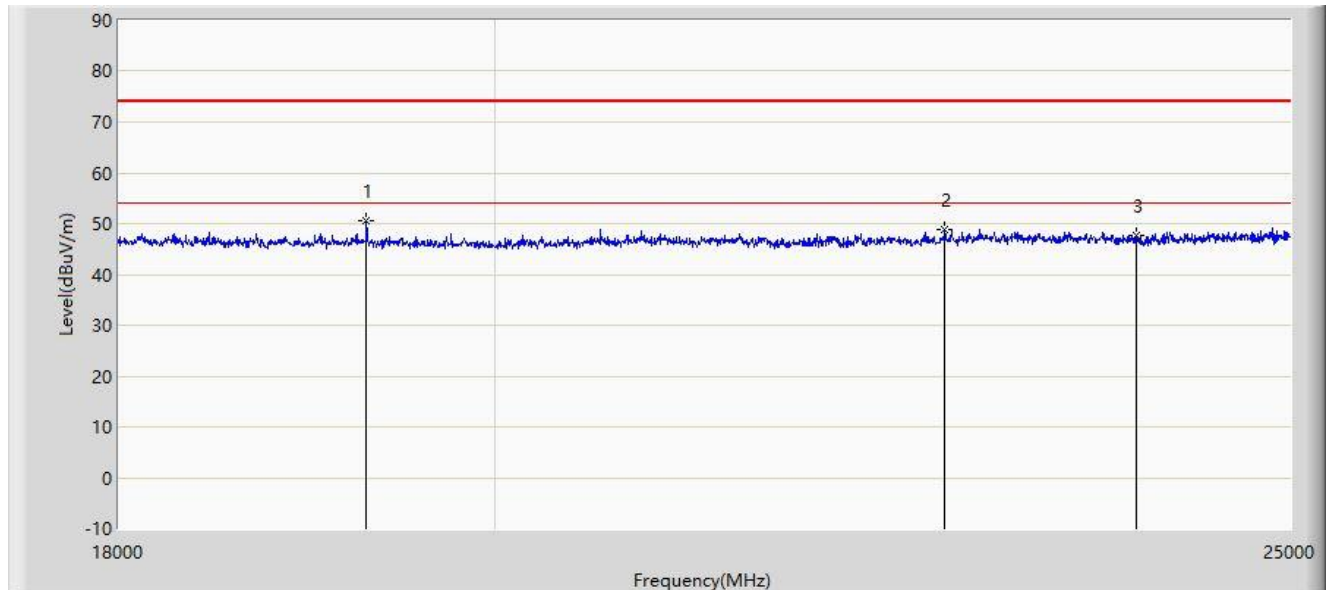
Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

The Result of Radiated Emission above 18GHz:

L22UGS-5HaxD2HaxD-15S-US

Site: SIP-AC3	Test Date: 2023-11-29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Oliver Cheng
Probe: BBHA 9170_00935_18-40GHz-New	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Note: Transmit by 802.11g at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	19295.000	50.671	61.157	-23.329	74.000	-10.486	PK
2		22693.500	48.737	57.106	-25.263	74.000	-8.369	PK
3		23946.500	47.800	56.454	-26.200	74.000	-8.654	PK

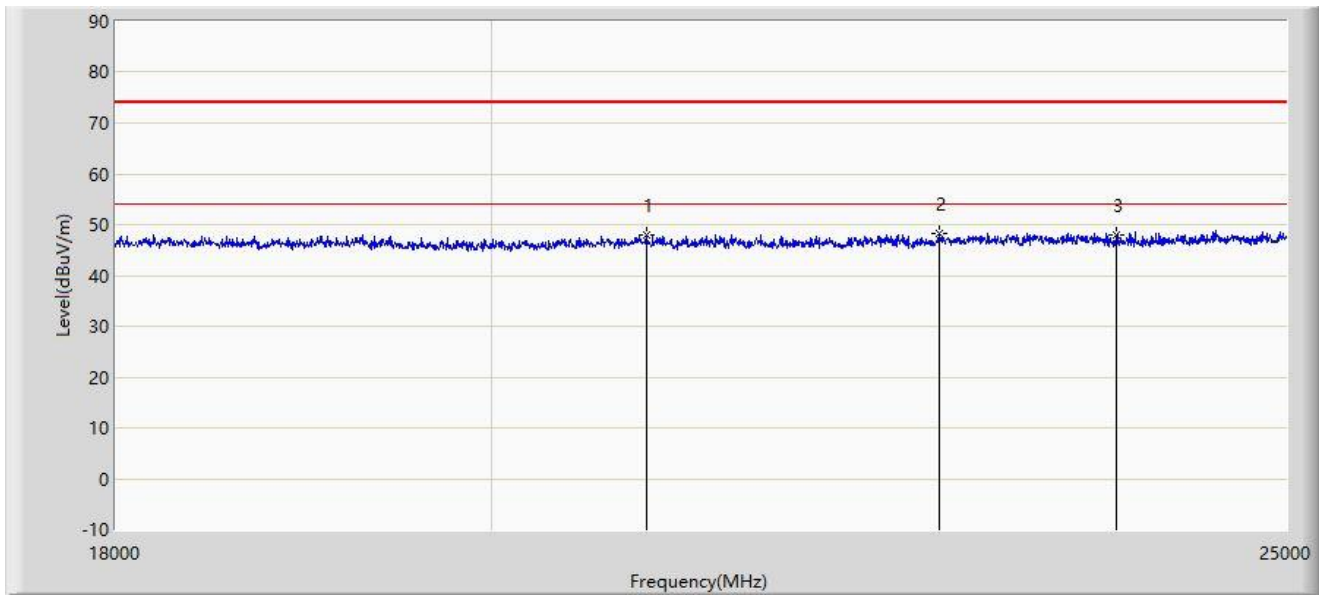
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

Site: SIP-AC3	Test Date: 2023-11-29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Oliver Cheng
Probe: BBHA 9170_00935_18-40GHz-New	Polarity: Vertical
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Note: Transmit by 802.11g at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		20891.000	48.041	57.767	-25.959	74.000	-9.727	PK
2	*	22679.500	48.321	56.886	-25.679	74.000	-8.565	PK
3		23838.000	47.920	56.617	-26.080	74.000	-8.696	PK

Note 1: " * ", means this data is the worst emission level.

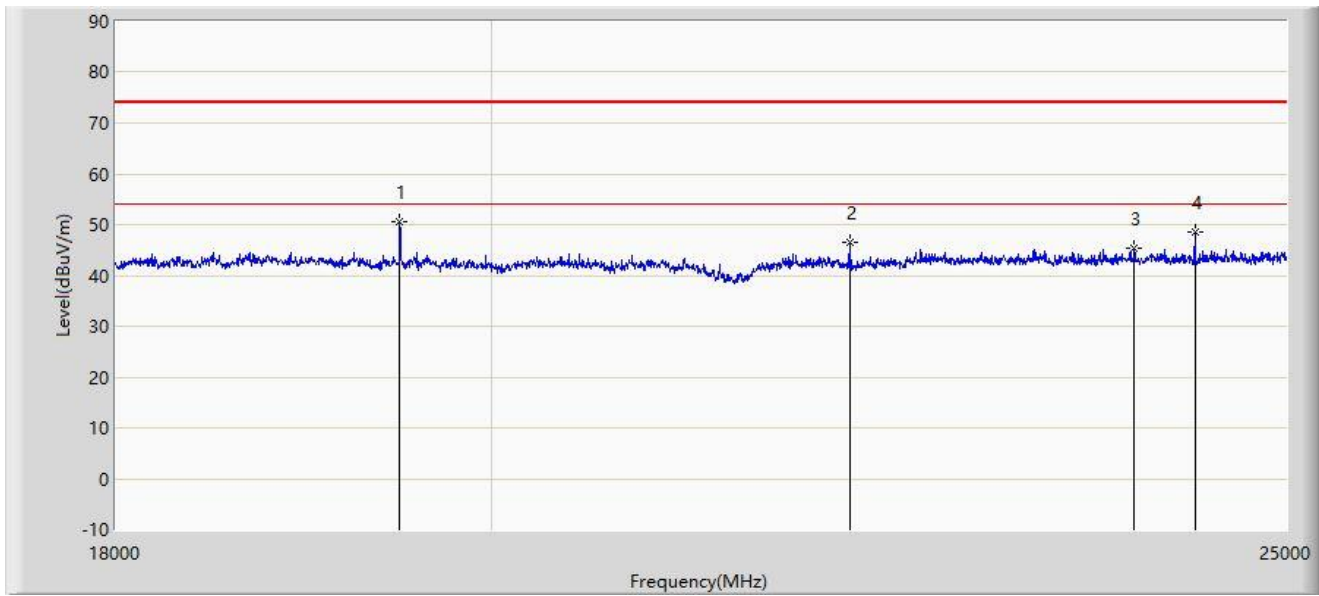
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

L23UGSR-5HaxD2HaxD-US

Site: SIP-AC1	Test Date: 2023-09-17
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: BBHA 9170_00935_18-40GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11ax-HE20 at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	19494.500	50.486	61.966	-23.514	74.000	-11.480	PK
2		22119.500	46.459	57.222	-27.541	74.000	-10.764	PK
3		23953.500	45.256	54.315	-28.744	74.000	-9.059	PK
4		24370.000	48.638	57.872	-25.362	74.000	-9.233	PK

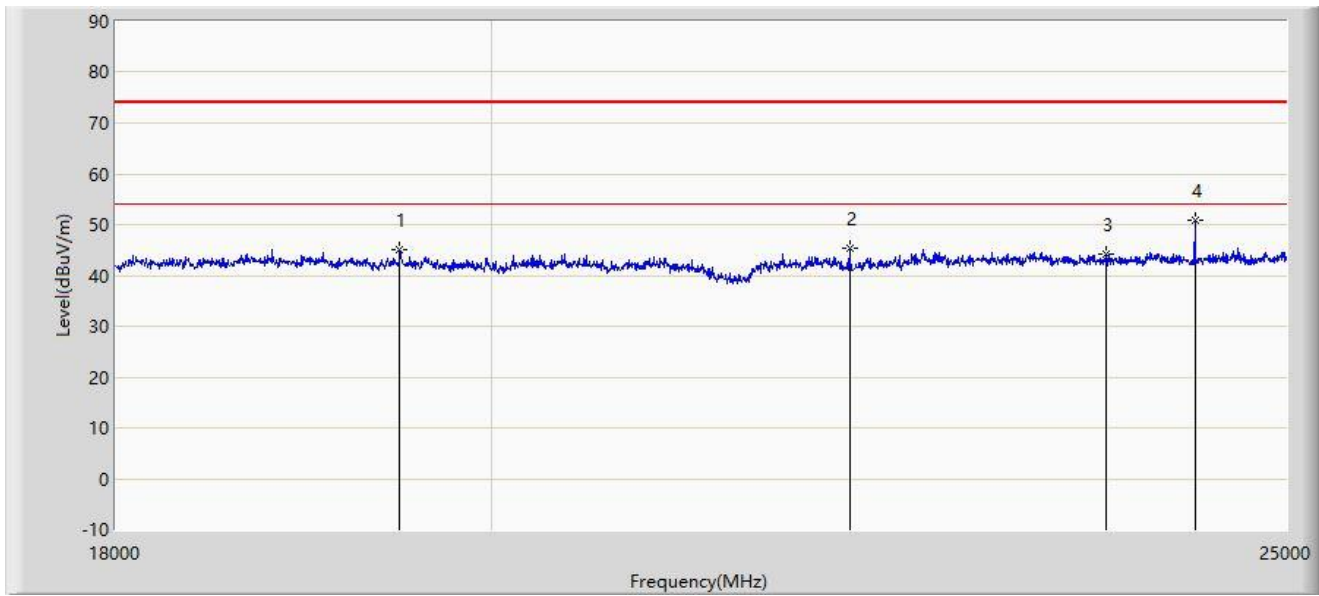
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

Site: SIP-AC1	Test Date: 2023-09-17
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: BBHA 9170_00935_18-40GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11ax-HE20 at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		19494.500	45.109	56.589	-28.891	74.000	-11.480	PK
2		22119.500	45.500	56.263	-28.500	74.000	-10.764	PK
3		23768.000	44.282	53.516	-29.718	74.000	-9.234	PK
4	*	24370.000	50.831	60.065	-23.169	74.000	-9.233	PK

Note 1: " * ", means this data is the worst emission level.

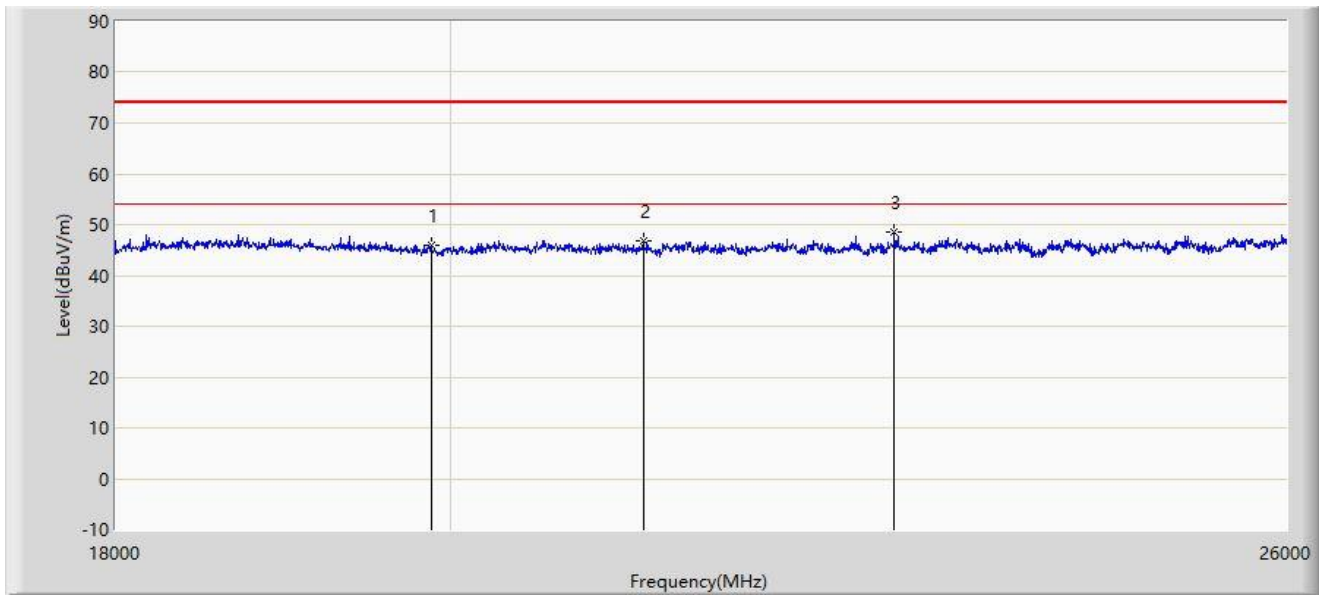
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

L23UGSR-5HaxD2HaxD-NM-US

Site: WZ-AC2	Test Date: 2023-12-25
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_549_18-40GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11b at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		19876.000	46.010	56.041	-27.990	74.000	-10.032	PK
2		21248.000	46.748	55.762	-27.252	74.000	-9.014	PK
3	*	22988.000	48.683	55.799	-25.317	74.000	-7.116	PK

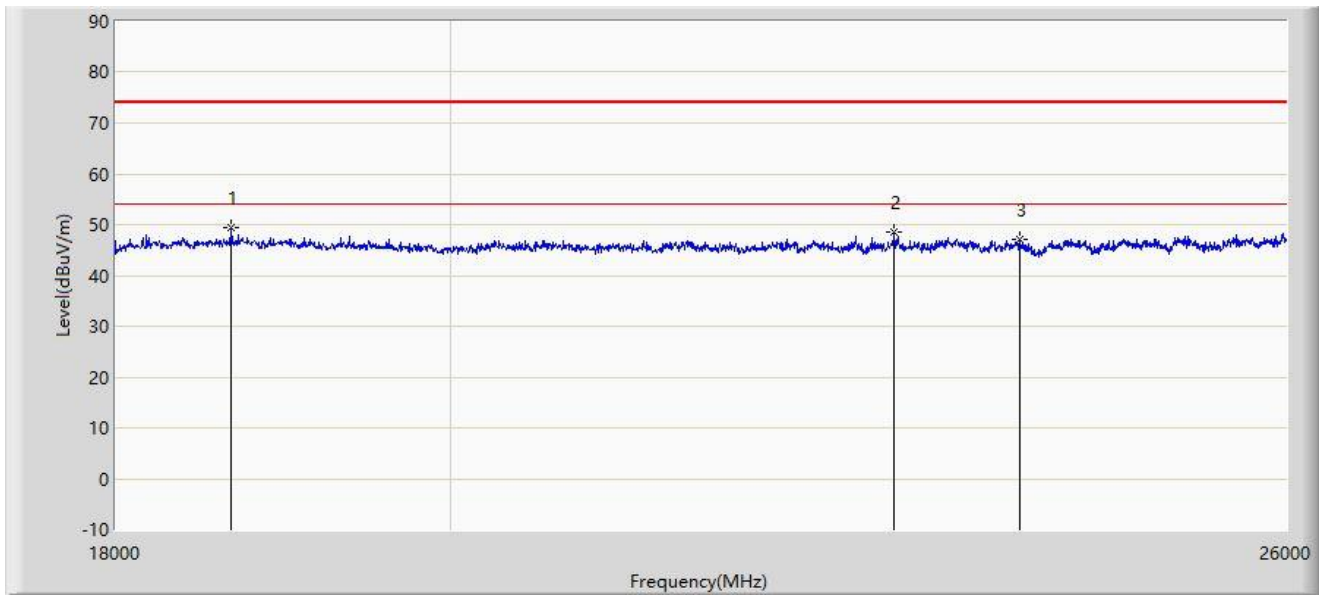
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

Site: WZ-AC2	Test Date: 2023-12-25
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_549_18-40GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11b at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	18668.000	49.412	59.917	-24.588	74.000	-10.505	PK
2		22988.000	48.683	55.799	-25.317	74.000	-7.116	PK
3		23908.000	47.235	54.632	-26.765	74.000	-7.397	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

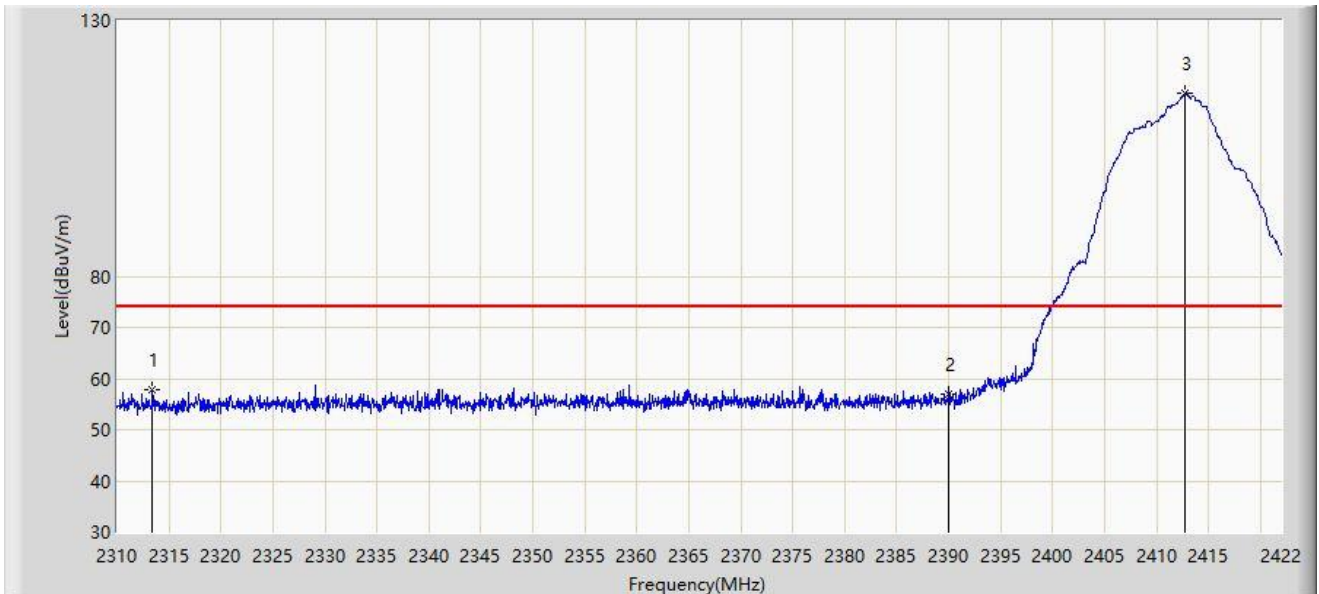
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

A.7 Radiated Restricted Band Edge Test Result

L22UGS-5HaxD2HaxD-15S-US

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



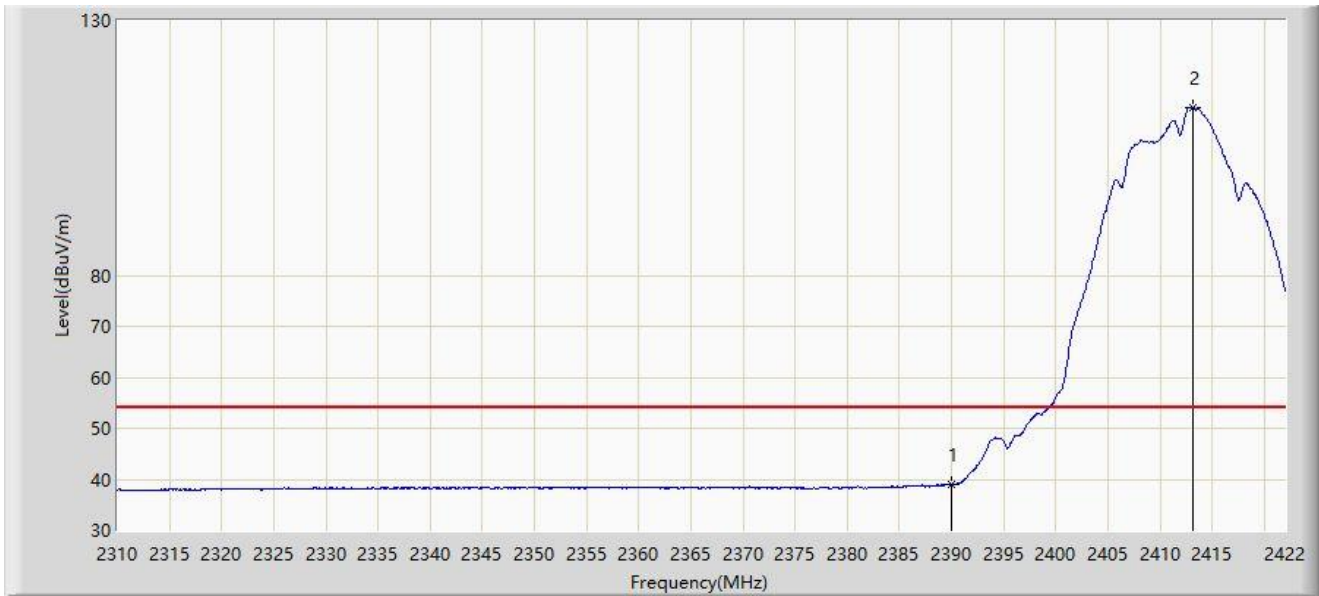
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2313.360	57.853	26.502	-16.147	74.000	31.351	PK
2		2390.000	56.880	25.165	-17.120	74.000	31.715	PK
3		2412.760	115.686	83.879	N/A	N/A	31.807	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



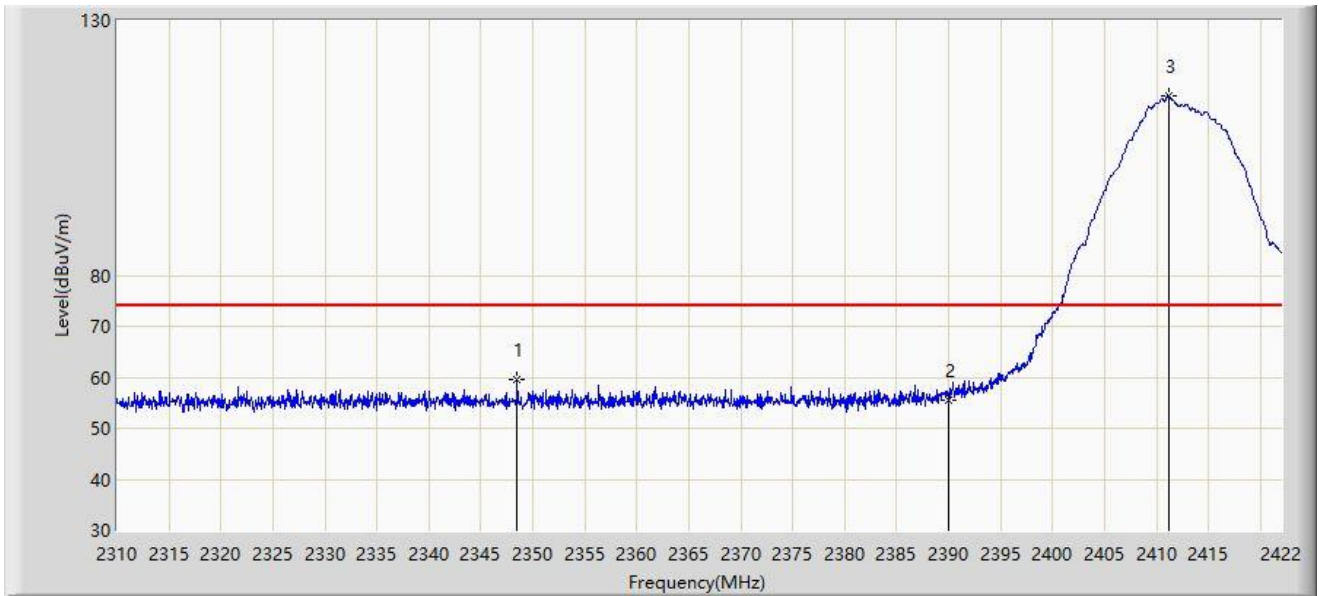
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	38.932	7.217	-15.068	54.000	31.715	AV
2		2413.208	112.923	81.115	N/A	N/A	31.809	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



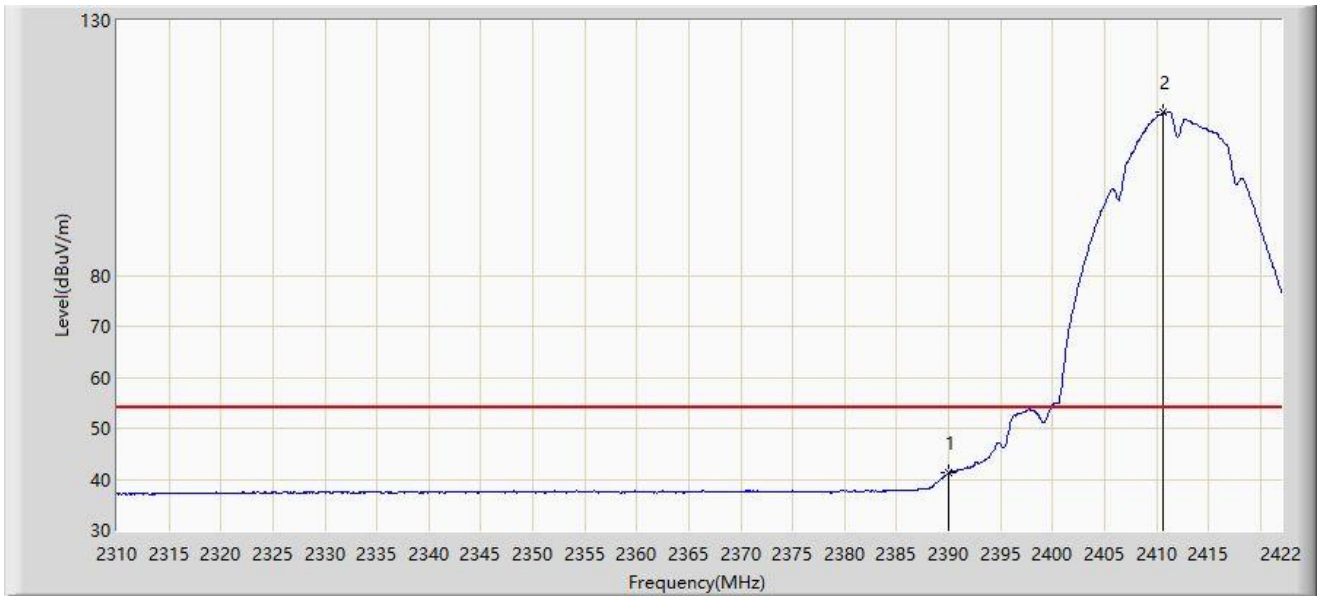
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2348.472	59.422	27.868	-14.578	74.000	31.554	PK
2		2390.000	55.406	23.691	-18.594	74.000	31.715	PK
3		2411.136	115.104	83.300	N/A	N/A	31.803	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



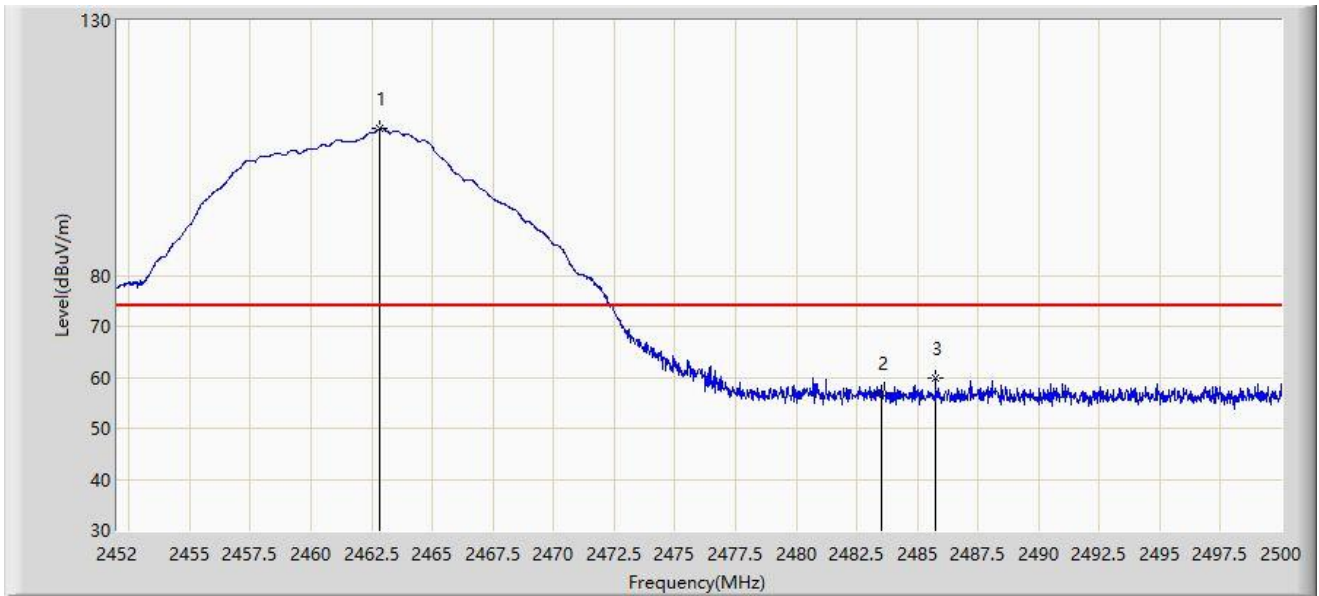
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	41.177	9.462	-12.823	54.000	31.715	AV
2		2410.688	111.885	80.082	N/A	N/A	31.803	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



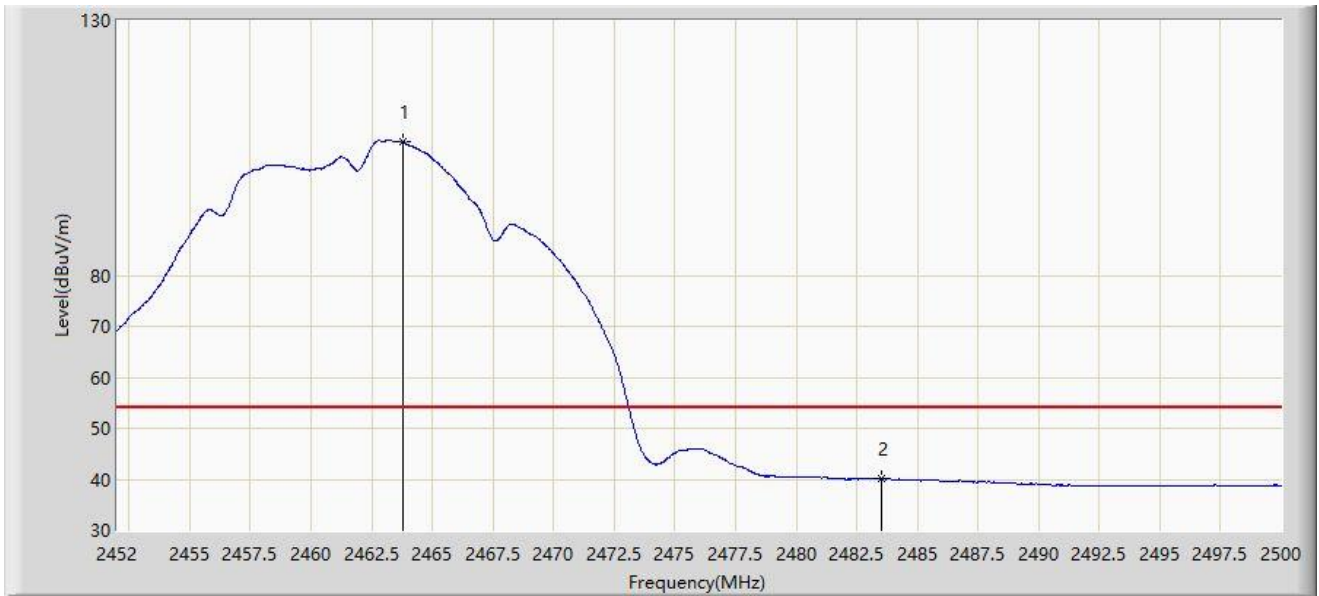
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2462.800	108.739	76.696	N/A	N/A	32.044	PK
2		2483.500	56.859	24.769	-17.141	74.000	32.090	PK
3	*	2485.744	59.876	27.783	-14.124	74.000	32.092	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



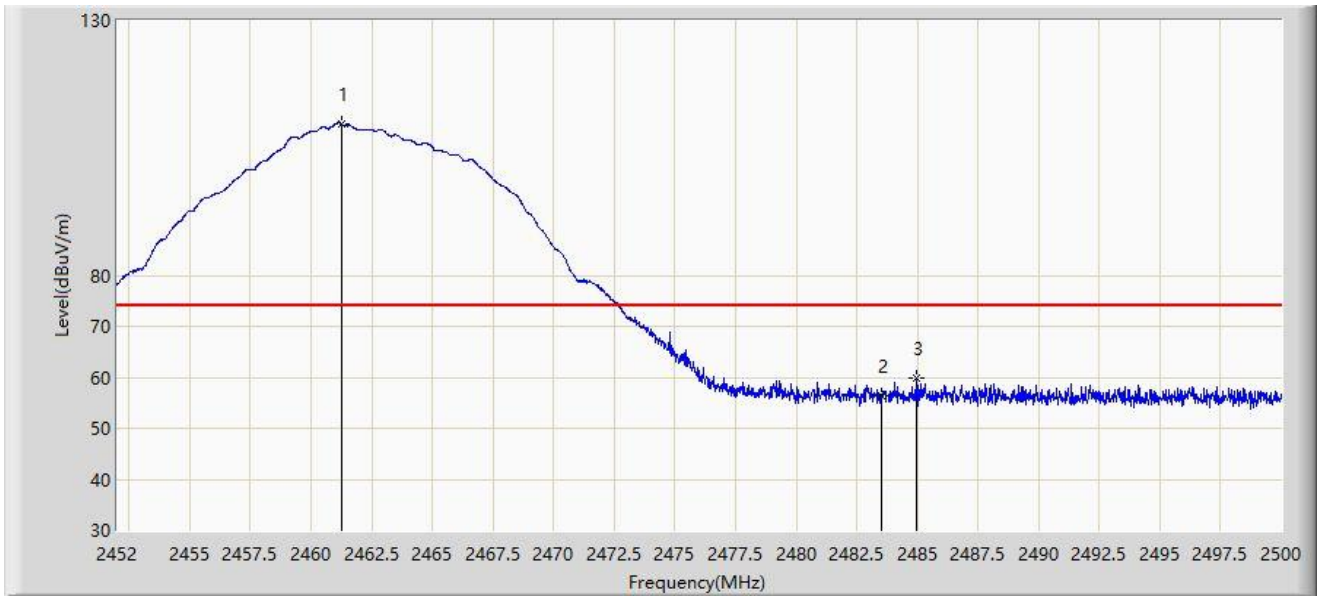
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2463.760	106.273	74.227	N/A	N/A	32.046	AV
2	*	2483.500	40.002	7.912	-13.998	54.000	32.090	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.240	109.735	77.699	N/A	N/A	32.035	PK
2		2483.500	56.437	24.347	-17.563	74.000	32.090	PK
3	*	2484.976	59.719	27.627	-14.281	74.000	32.092	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



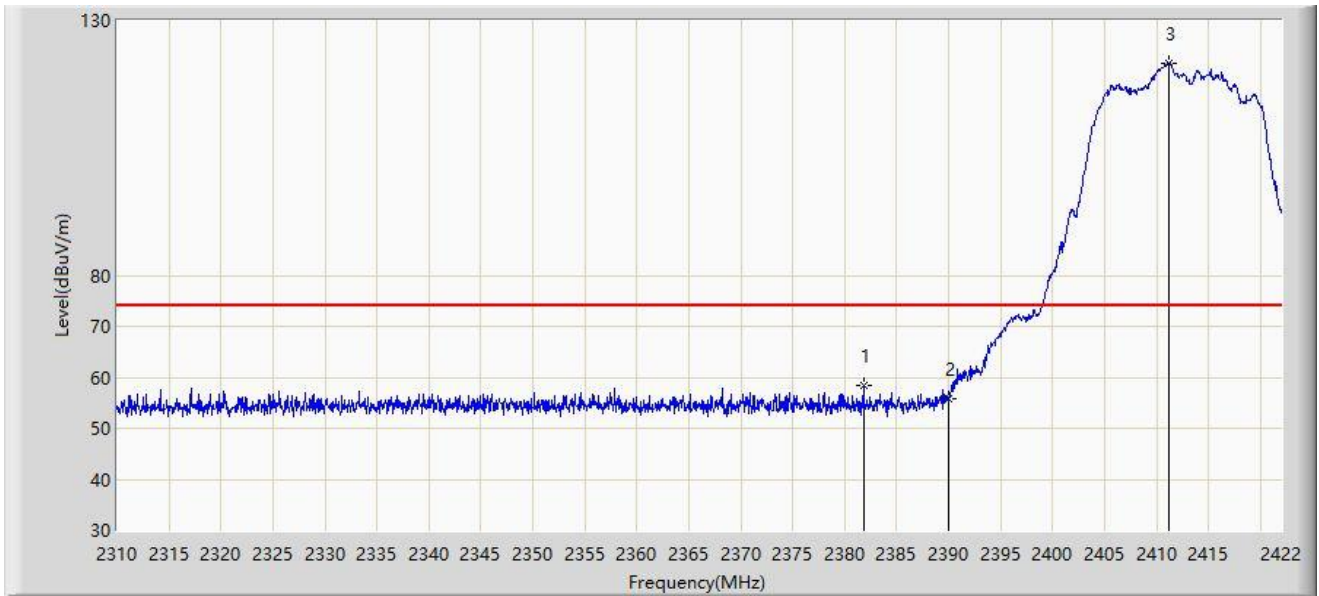
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.168	107.318	75.283	N/A	N/A	32.035	AV
2	*	2483.500	40.491	8.401	-13.509	54.000	32.090	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2381.792	58.519	26.953	-15.481	74.000	31.565	PK
2		2390.000	55.705	23.990	-18.295	74.000	31.715	PK
3		2411.136	121.515	89.711	N/A	N/A	31.803	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC1	Test Date: 2023-11-20
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	41.395	9.680	-12.605	54.000	31.715	AV
2		2411.136	112.768	80.964	N/A	N/A	31.803	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).