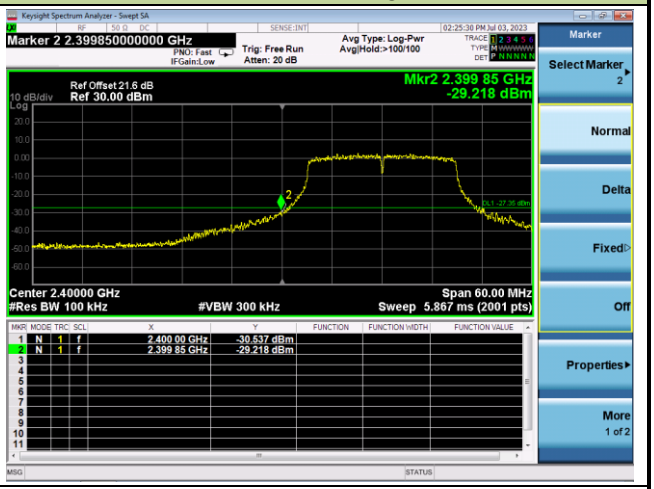
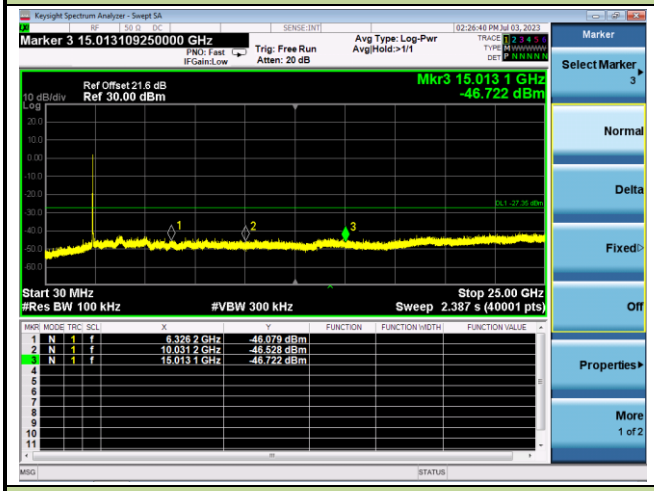
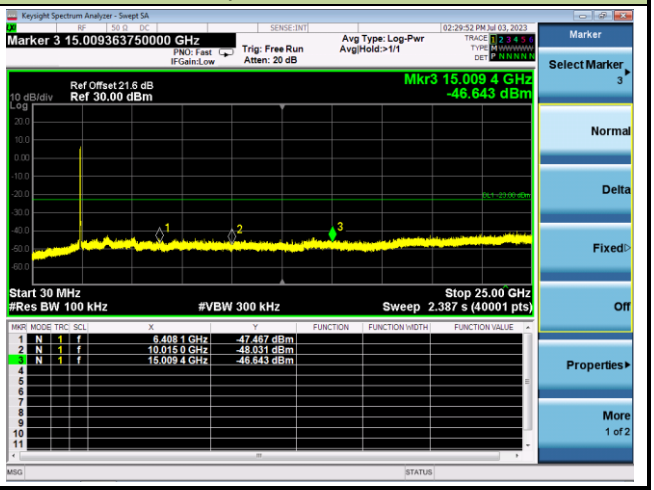
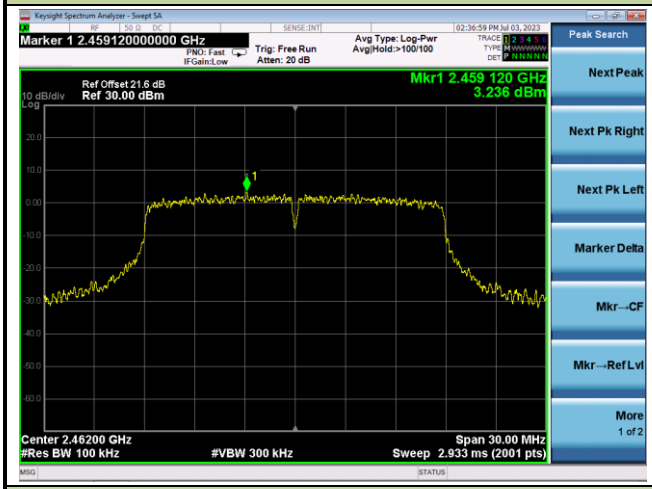
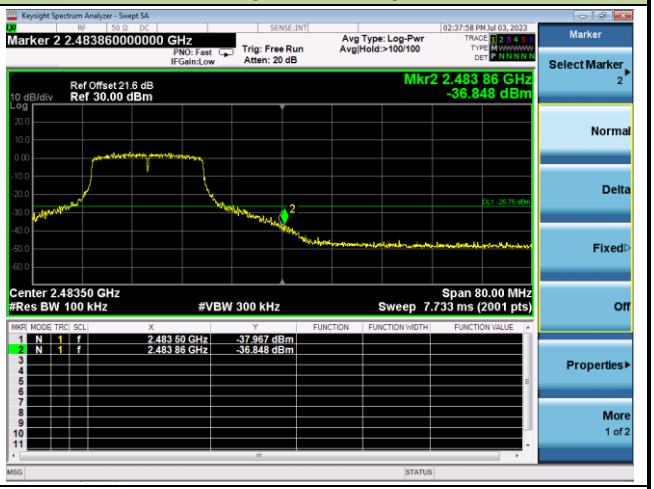
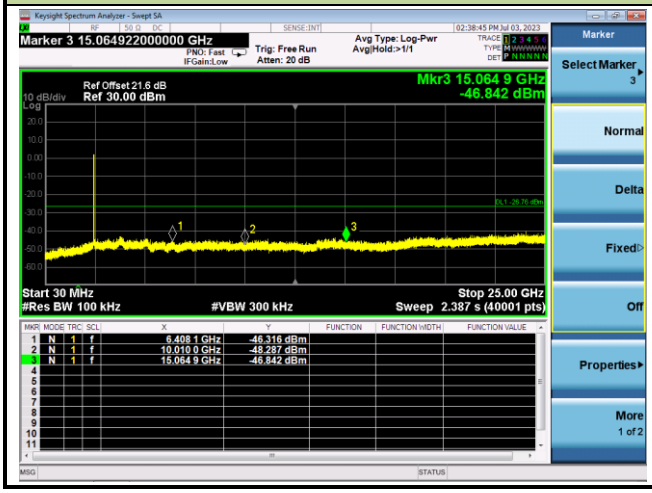
802.11n-HT20 Out-of-Band Emissions – Ant 0	
Channel 01 (2412MHz)	
Reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
Reference Level	Spurious Emission
	

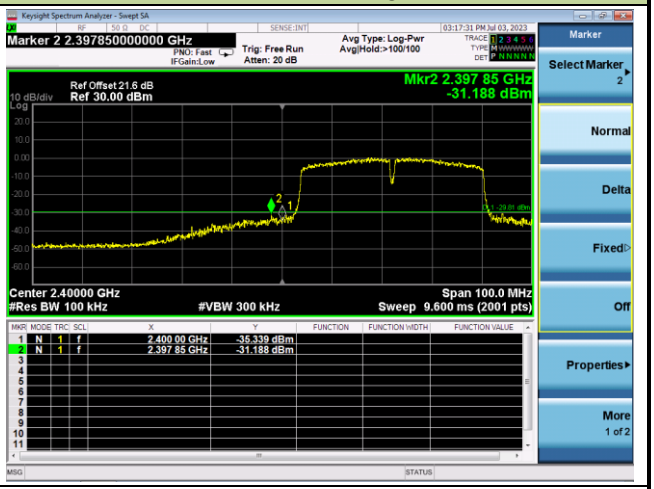
802.11n-HT20 Out-of-Band Emissions – Ant 0	
Channel 11 (2462MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	

802.11n-HT40 Out-of-Band Emissions – Ant 0

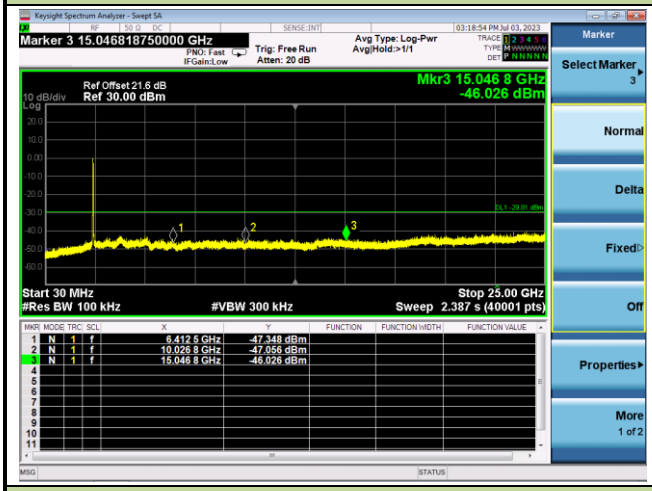
Channel 03 (2422MHz)

Reference Level

Low Band Edge



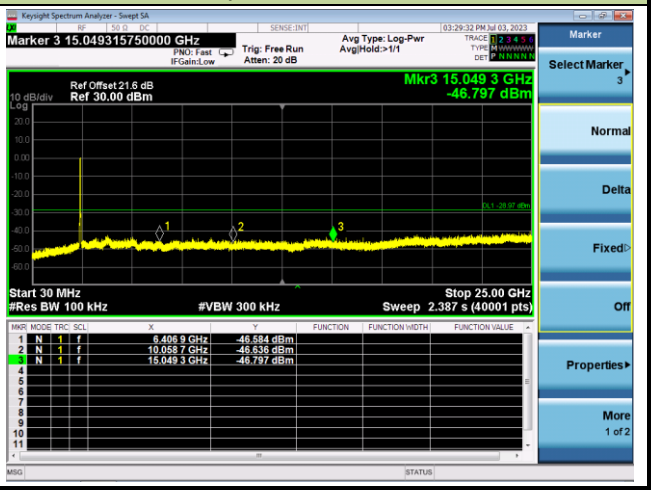
Spurious Emission

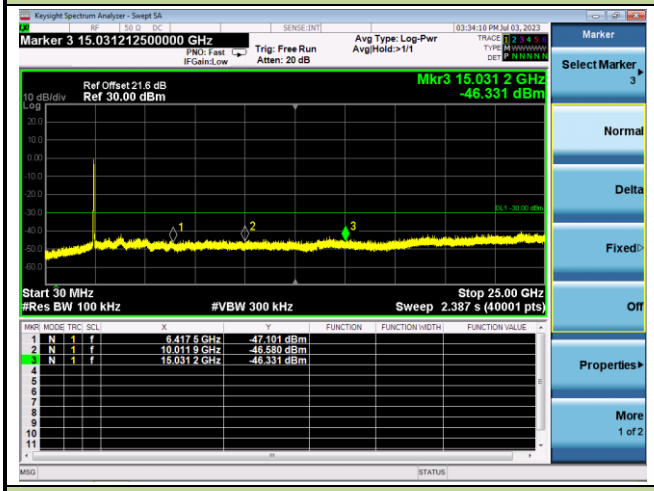
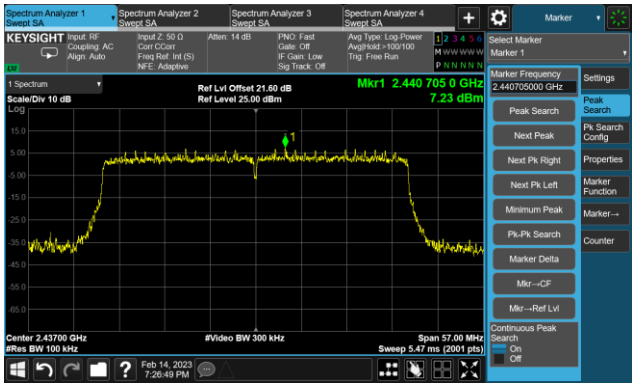
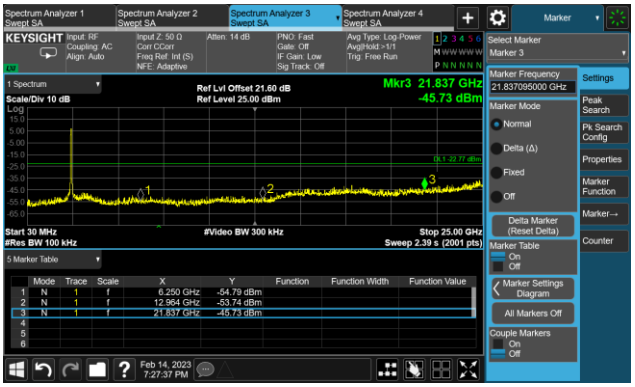


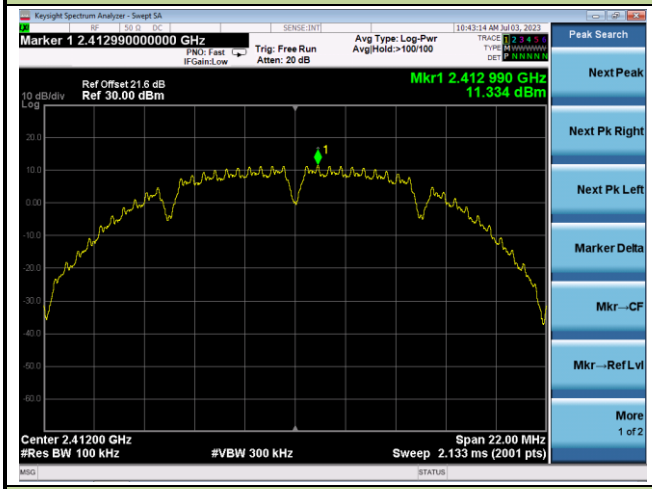
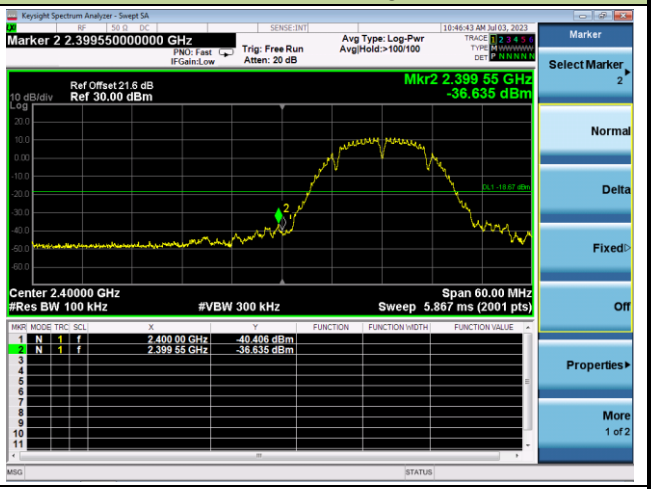
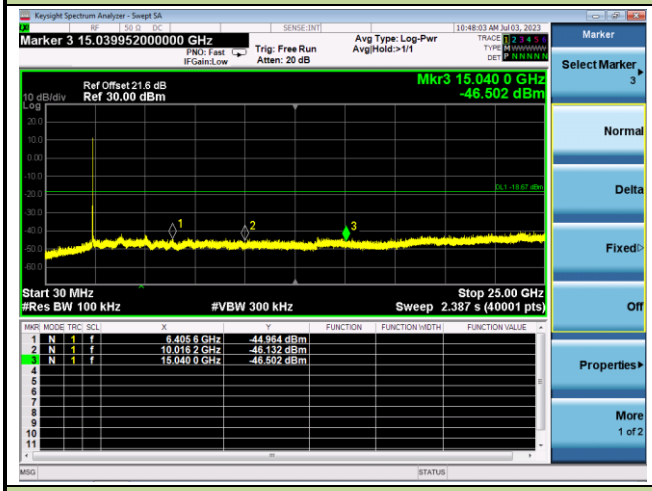
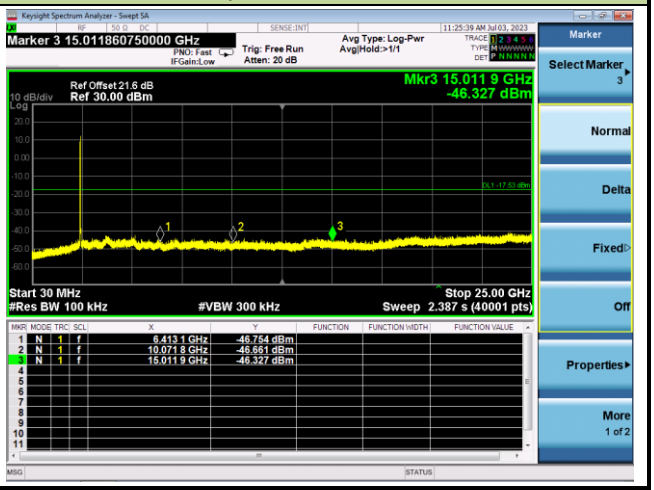
Channel 06 (2437MHz)

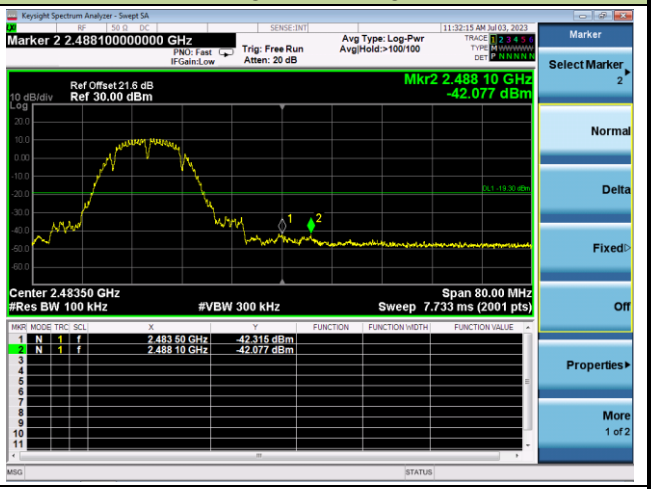
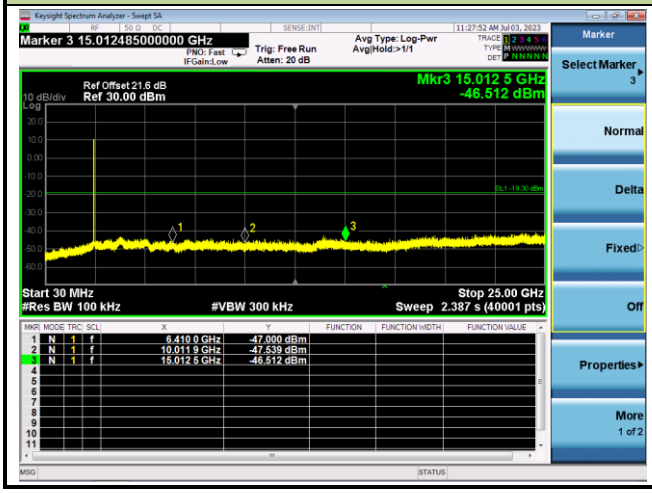
Reference Level

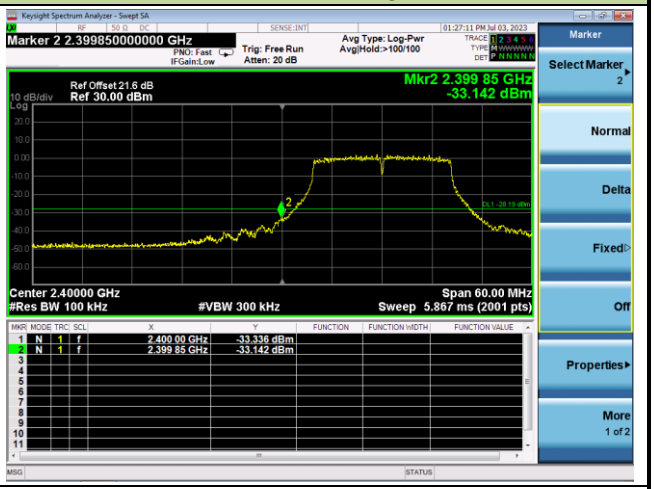
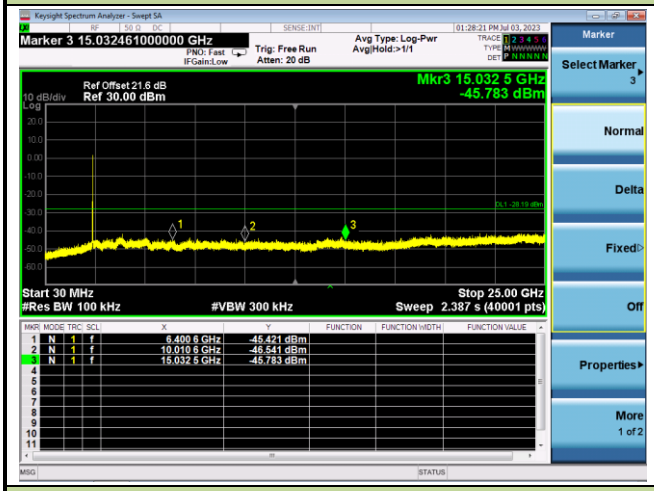
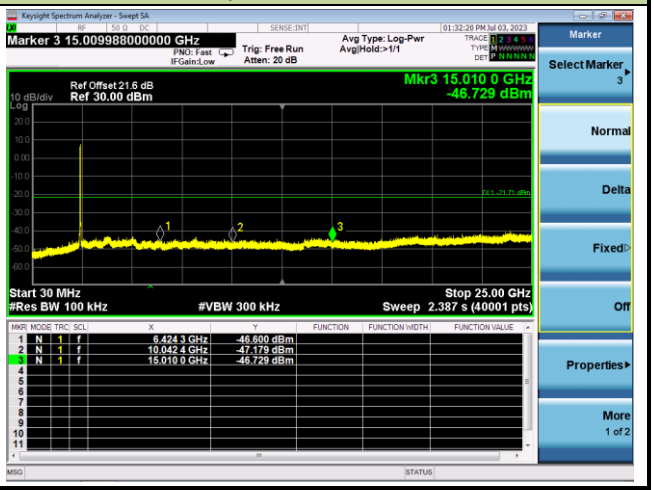
Spurious Emission

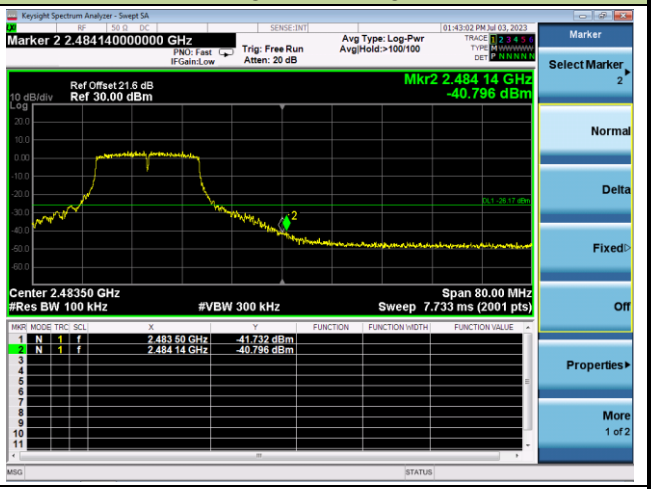
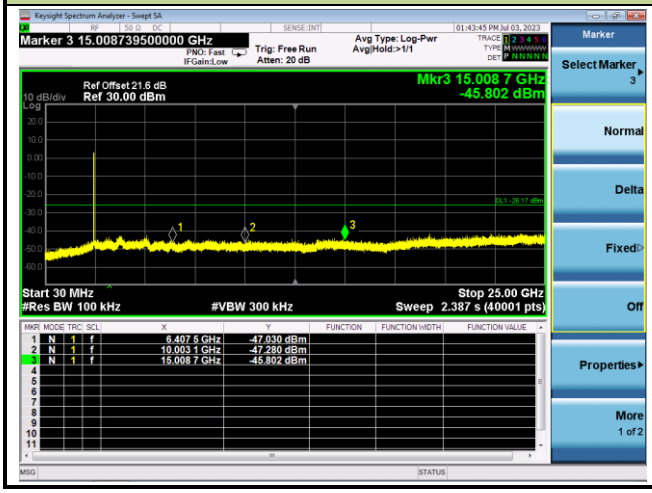


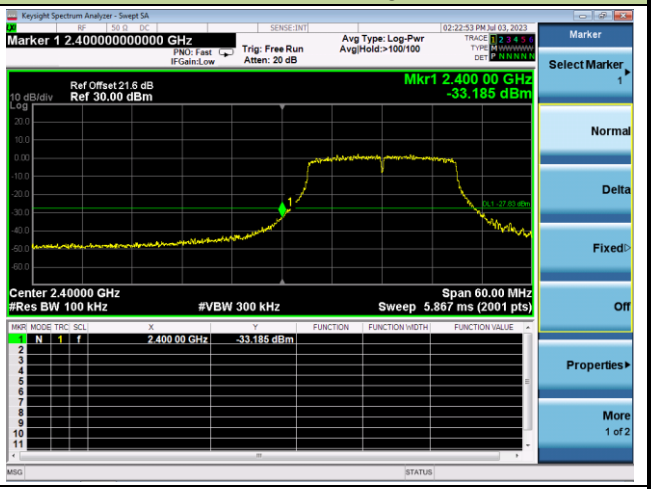
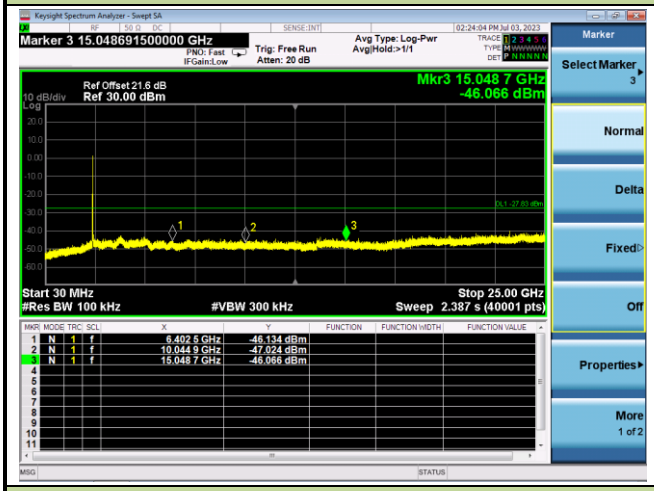
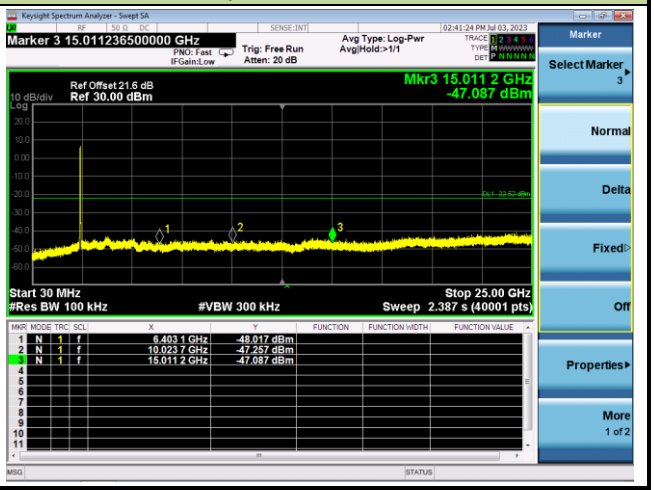
802.11n-HT40 Out-of-Band Emissions – Ant 0	
Channel 09 (2452MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
Reference Level	Spurious Emission
	

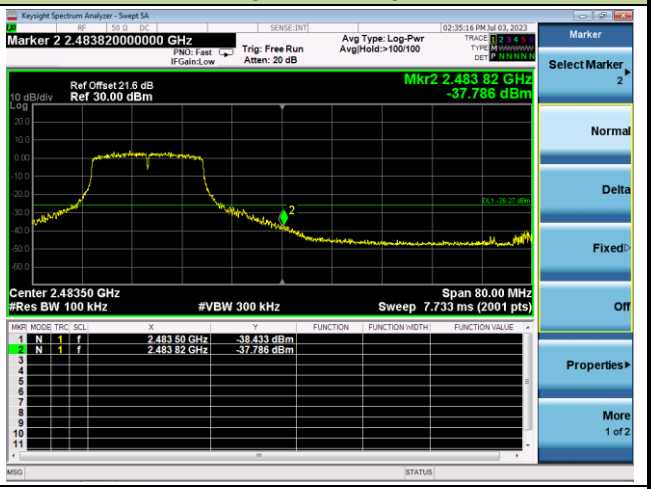
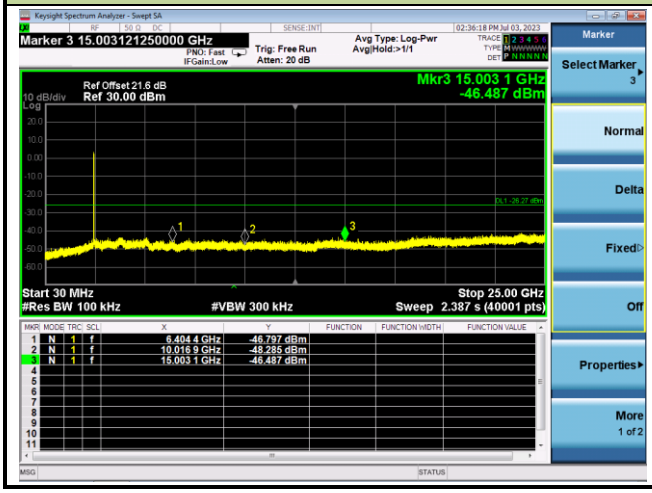
802.11b Out-of-Band Emissions – Ant 1	
Channel 01 (2412MHz)	
Reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
Reference Level	Spurious Emission
	

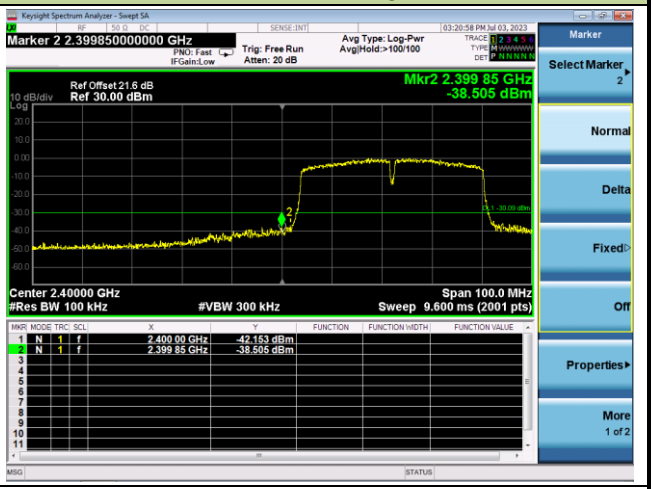
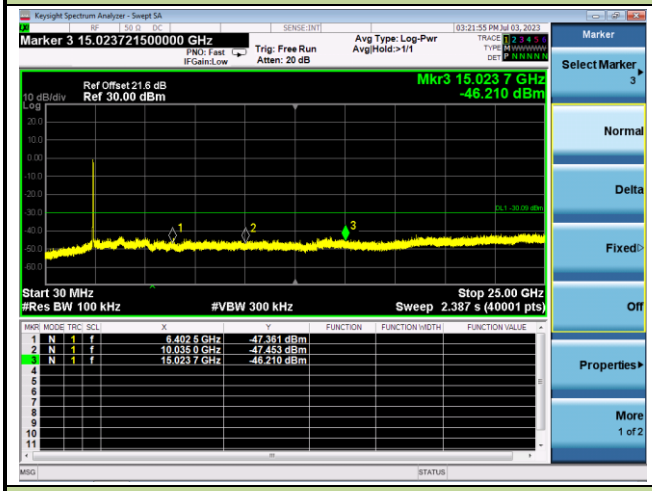
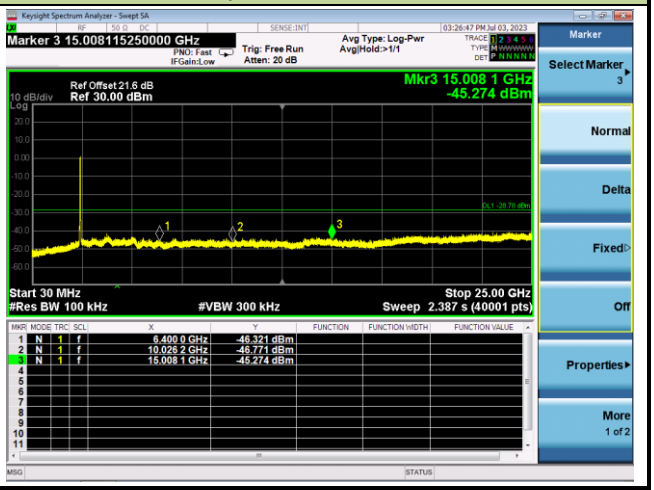
802.11b Out-of-Band Emissions – Ant 1	
Channel 11 (2462MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	

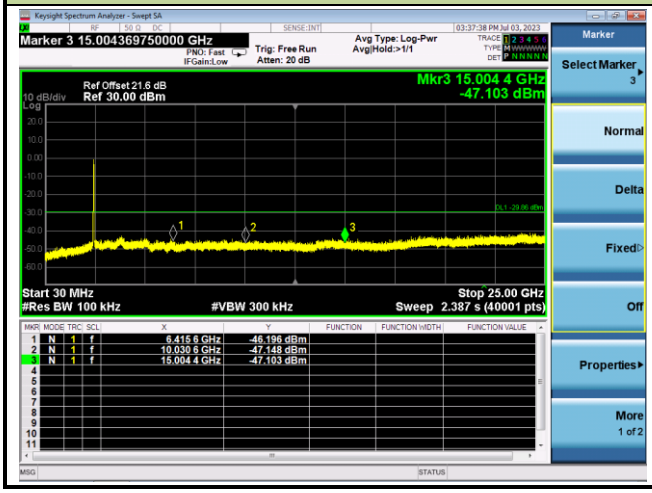
802.11g Out-of-Band Emissions – Ant 1	
Channel 01 (2412MHz)	
Reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
Reference Level	Spurious Emission
	

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	
	

A.6 Radiated Spurious Emission Test Result

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-10	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	42.2	1.7	43.9	74.0	-30.1	Peak	Horizontal
	7681.0	36.2	9.5	45.7	74.0	-28.3	Peak	Horizontal
	10622.0	36.4	14.3	50.7	74.0	-23.3	Peak	Horizontal
	4825.0	45.4	1.7	47.1	74.0	-26.9	Peak	Vertical
	7426.0	35.1	10.4	45.5	74.0	-28.5	Peak	Vertical
	9398.0	36.0	11.8	47.8	74.0	-26.2	Peak	Vertical
06	4876.0	42.6	1.5	44.1	74.0	-29.9	Peak	Horizontal
	7477.0	34.7	10.2	44.9	74.0	-29.1	Peak	Horizontal
	9304.5	37.7	11.9	49.6	74.0	-24.4	Peak	Horizontal
	4876.0	43.4	1.5	44.9	74.0	-29.1	Peak	Vertical
	7434.5	34.7	10.2	44.9	74.0	-29.1	Peak	Vertical
	11030.0	35.6	15.2	50.8	74.0	-23.2	Peak	Vertical
11	4927.0	43.6	1.4	45.0	74.0	-29.0	Peak	Horizontal
	7434.5	34.7	10.2	44.9	74.0	-29.1	Peak	Horizontal
	8726.5	37.2	12.2	49.4	74.0	-24.6	Peak	Horizontal
	4927.0	41.2	1.4	42.6	74.0	-31.4	Peak	Vertical
	7409.0	35.4	10.3	45.7	74.0	-28.3	Peak	Vertical
	11081.0	34.8	16.1	50.9	74.0	-23.1	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	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-10	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	5114.0	38.5	2.2	40.7	74.0	-33.3	Peak	Horizontal
	8310.0	36.6	9.3	45.9	74.0	-28.1	Peak	Horizontal
	10775.0	35.4	14.5	49.9	74.0	-24.1	Peak	Horizontal
	4510.5	38.4	0.9	39.3	74.0	-34.7	Peak	Vertical
	7375.0	36.3	9.9	46.2	74.0	-27.8	Peak	Vertical
	10732.5	35.0	14.5	49.5	74.0	-24.5	Peak	Vertical
06	4876.0	39.1	1.5	40.6	74.0	-33.4	Peak	Horizontal
	7545.0	35.7	10.1	45.8	74.0	-28.2	Peak	Horizontal
	11030.0	34.9	15.2	50.1	74.0	-23.9	Peak	Horizontal
	4867.5	40.6	1.5	42.1	74.0	-31.9	Peak	Vertical
	7536.5	35.8	10.1	45.9	74.0	-28.1	Peak	Vertical
	10953.5	35.4	15.2	50.6	74.0	-23.4	Peak	Vertical
11	4808.0	38.8	1.4	40.2	74.0	-33.8	Peak	Horizontal
	7536.5	35.6	10.1	45.7	74.0	-28.3	Peak	Horizontal
	10766.5	35.7	14.6	50.3	74.0	-23.7	Peak	Horizontal
	4561.5	37.4	1.1	38.5	74.0	-35.5	Peak	Vertical
	7681.0	35.9	9.5	45.4	74.0	-28.6	Peak	Vertical
	11200.0	34.8	15.6	50.4	74.0	-23.6	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	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-10	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	5420.0	38.7	2.1	40.8	74.0	-33.2	Peak	Horizontal
	7672.5	36.2	9.4	45.6	74.0	-28.4	Peak	Horizontal
	9891.0	37.0	12.8	49.8	74.0	-24.2	Peak	Horizontal
	4816.5	39.2	1.6	40.8	74.0	-33.2	Peak	Vertical
	7664.0	36.9	9.3	46.2	74.0	-27.8	Peak	Vertical
	10945.0	35.6	15.0	50.6	74.0	-23.4	Peak	Vertical
06	4867.5	39.8	1.5	41.3	74.0	-32.7	Peak	Horizontal
	7307.0	36.1	9.4	45.5	74.0	-28.5	Peak	Horizontal
	10919.5	35.6	14.7	50.3	74.0	-23.7	Peak	Horizontal
	4884.5	40.5	1.5	42.0	74.0	-32.0	Peak	Vertical
	7681.0	36.5	9.5	46.0	74.0	-28.0	Peak	Vertical
	11149.0	35.1	15.4	50.5	74.0	-23.5	Peak	Vertical
11	4927.0	40.3	1.4	41.7	74.0	-32.3	Peak	Horizontal
	8446.0	37.1	10.5	47.6	74.0	-26.4	Peak	Horizontal
	10469.0	36.7	14.1	50.8	74.0	-23.2	Peak	Horizontal
	4825.0	38.2	1.7	39.9	74.0	-34.1	Peak	Vertical
	7426.0	34.9	10.4	45.3	74.0	-28.7	Peak	Vertical
	11149.0	35.1	15.4	50.5	74.0	-23.5	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	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-10	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.		

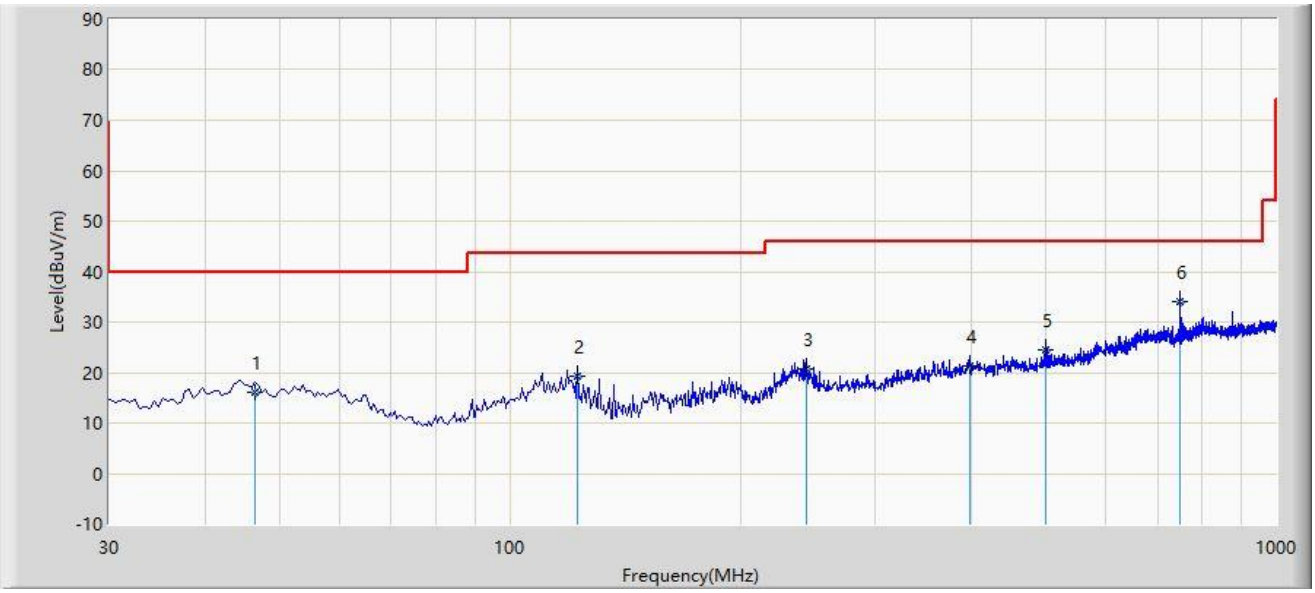
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	4740.0	38.7	1.4	40.1	74.0	-33.9	Peak	Horizontal
	8038.0	37.0	9.6	46.6	74.0	-27.4	Peak	Horizontal
	11217.0	34.7	16.0	50.7	74.0	-23.3	Peak	Horizontal
	4833.5	38.4	1.6	40.0	74.0	-34.0	Peak	Vertical
	7434.5	36.2	10.2	46.4	74.0	-27.6	Peak	Vertical
	11030.0	35.2	15.2	50.4	74.0	-23.6	Peak	Vertical
06	4689.0	38.4	1.8	40.2	74.0	-33.8	Peak	Horizontal
	7400.5	34.7	10.1	44.8	74.0	-29.2	Peak	Horizontal
	11302.0	34.3	15.9	50.2	74.0	-23.8	Peak	Horizontal
	4986.5	37.9	1.7	39.6	74.0	-34.4	Peak	Vertical
	7298.5	35.6	9.5	45.1	74.0	-28.9	Peak	Vertical
	11115.0	35.3	15.2	50.5	74.0	-23.5	Peak	Vertical
09	4621.0	38.4	1.8	40.2	74.0	-33.8	Peak	Horizontal
	7417.5	35.5	10.3	45.8	74.0	-28.2	Peak	Horizontal
	11472.0	34.5	15.8	50.3	74.0	-23.7	Peak	Horizontal
	4808.0	39.2	1.4	40.6	74.0	-33.4	Peak	Vertical
	7409.0	36.4	10.3	46.7	74.0	-27.3	Peak	Vertical
	11055.5	35.1	15.3	50.4	74.0	-23.6	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)

The Result of Radiated Emission below 1GHz:

Site: NS-AC1	Test Date: 2023-07-06
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: 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		46.490	16.201	-2.201	-23.799	40.000	18.402	QP
2		122.635	19.255	5.069	-24.245	43.500	14.186	QP
3		243.400	20.696	3.536	-25.304	46.000	17.160	QP
4		398.115	21.421	0.299	-24.579	46.000	21.122	QP
5		499.965	24.601	1.728	-21.399	46.000	22.873	QP
6	*	750.225	34.128	7.396	-11.872	46.000	26.732	QP

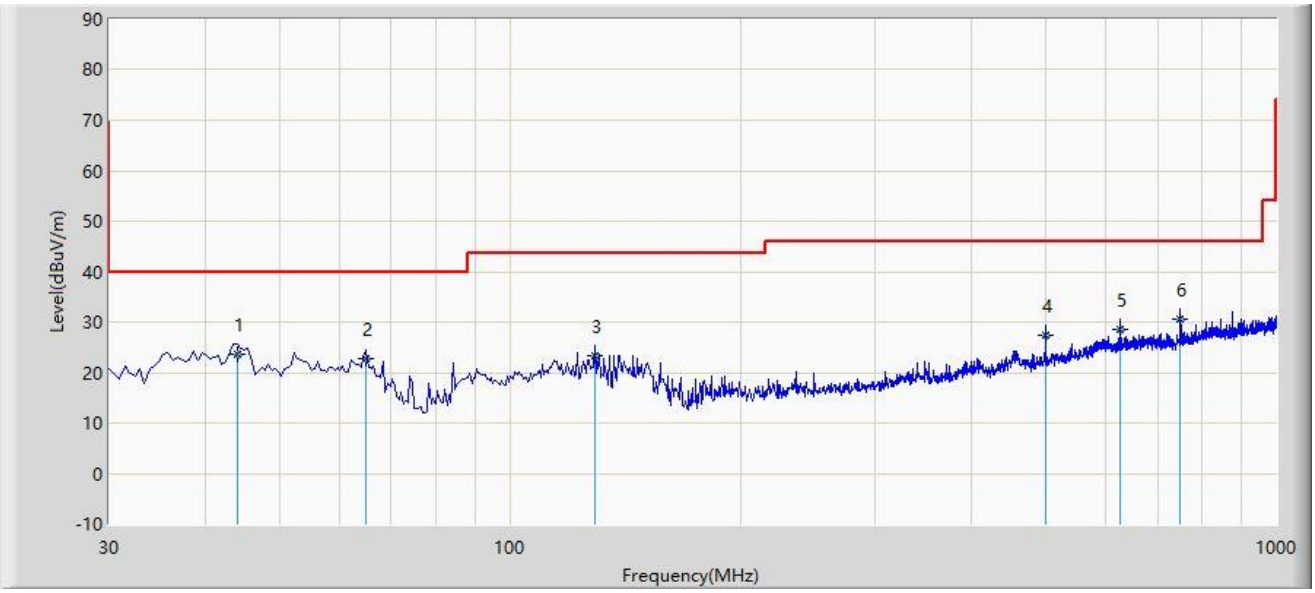
Note 1: " * ", means this data is the worst emission level.

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 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: NS-AC1	Test Date: 2023-07-06
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: 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		44.065	23.617	5.499	-16.383	40.000	18.118	QP
2		64.920	22.629	6.789	-17.371	40.000	15.840	QP
3		128.940	23.468	10.004	-20.032	43.500	13.464	QP
4		499.965	27.477	4.604	-18.523	46.000	22.873	QP
5		625.095	28.498	3.928	-17.502	46.000	24.570	QP
6	*	750.225	30.585	3.853	-15.415	46.000	26.732	QP

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

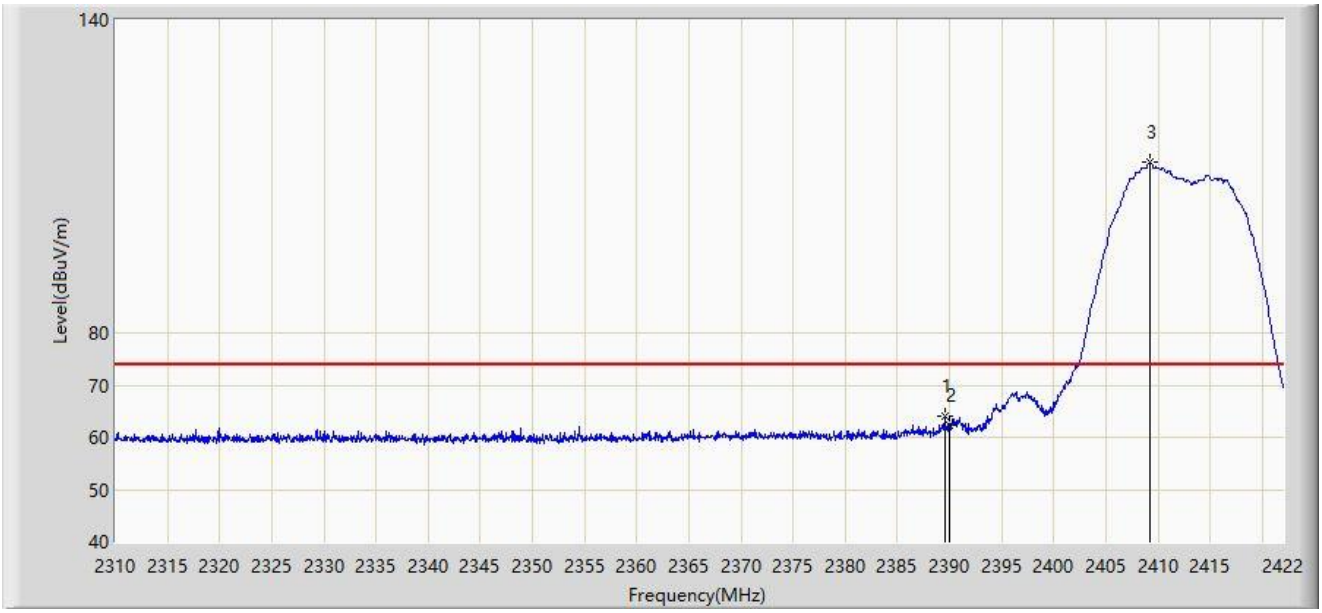
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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 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: NS-AC1	Test Date: 2023-06-25
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



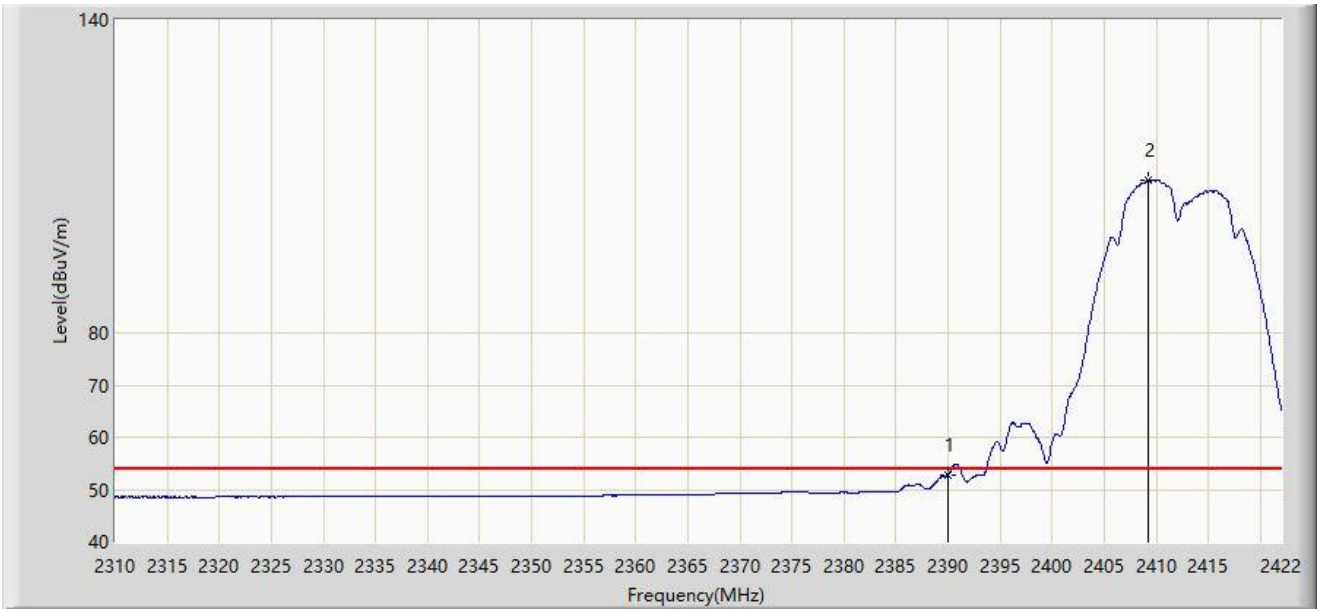
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.520	63.982	33.127	-10.018	74.000	30.855	PK
2		2390.000	62.345	31.494	-11.655	74.000	30.850	PK
3		2409.232	112.678	81.819	N/A	N/A	30.859	PK

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: NS-AC1	Test Date: 2023-06-25
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



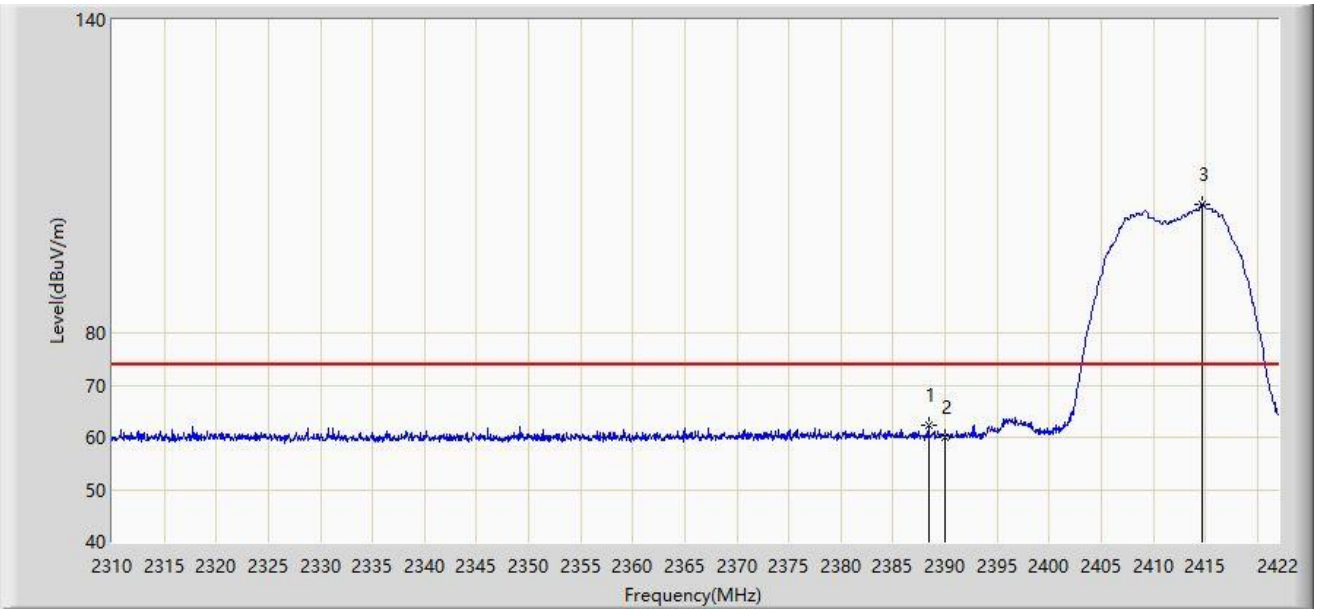
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	52.850	21.999	-1.150	54.000	30.850	AV
2		2409.232	109.295	78.436	N/A	N/A	30.859	AV

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: NS-AC1	Test Date: 2023-06-25
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



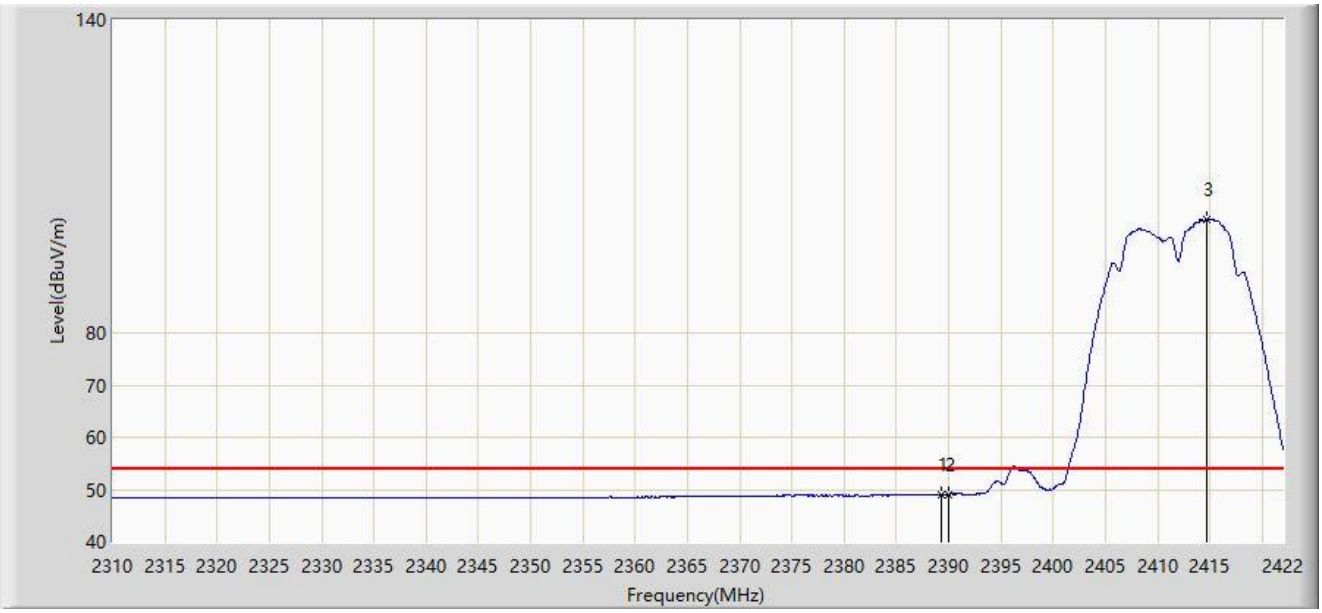
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2388.400	62.357	31.492	-11.643	74.000	30.865	PK
2		2390.000	60.029	29.178	-13.971	74.000	30.850	PK
3		2414.720	104.704	73.866	N/A	N/A	30.838	PK

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: NS-AC1	Test Date: 2023-06-25
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



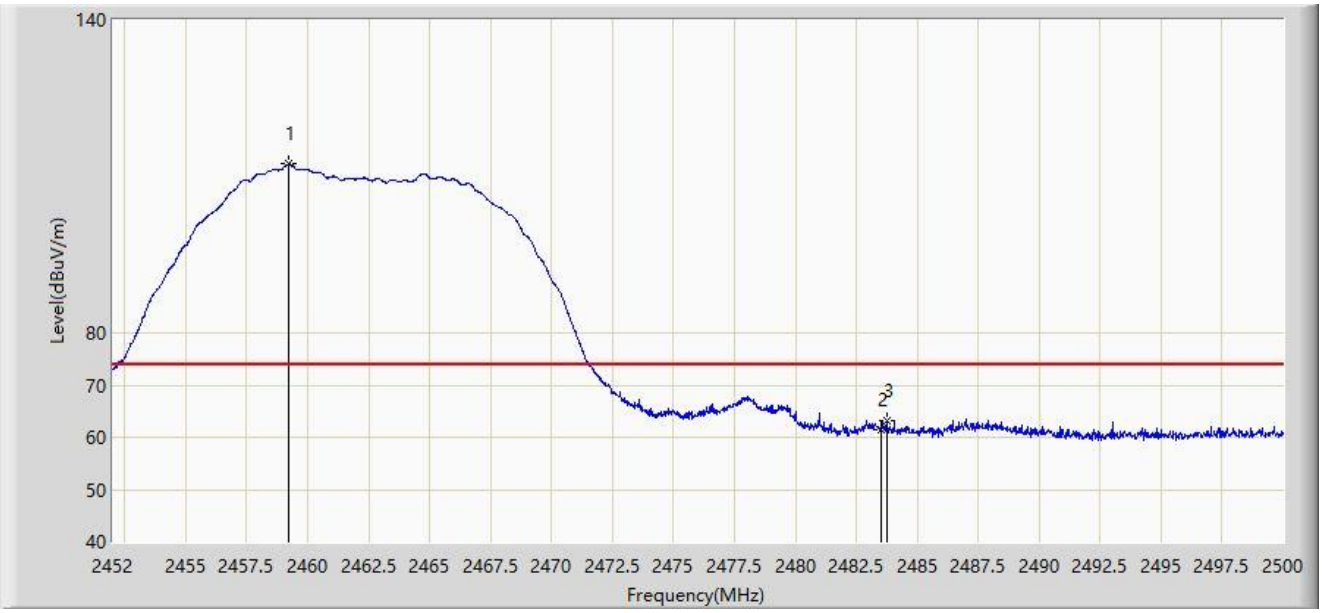
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.296	49.098	18.241	-4.902	54.000	30.857	AV
2		2390.000	49.035	18.184	-4.965	54.000	30.850	AV
3		2414.720	101.858	71.020	N/A	N/A	30.838	AV

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: NS-AC1	Test Date: 2023-06-25
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	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		2459.224	112.322	81.446	N/A	N/A	30.876	PK
2		2483.500	61.464	30.702	-12.536	74.000	30.761	PK
3	*	2483.752	63.282	32.520	-10.718	74.000	30.762	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: NS-AC1	Test Date: 2023-06-25
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	

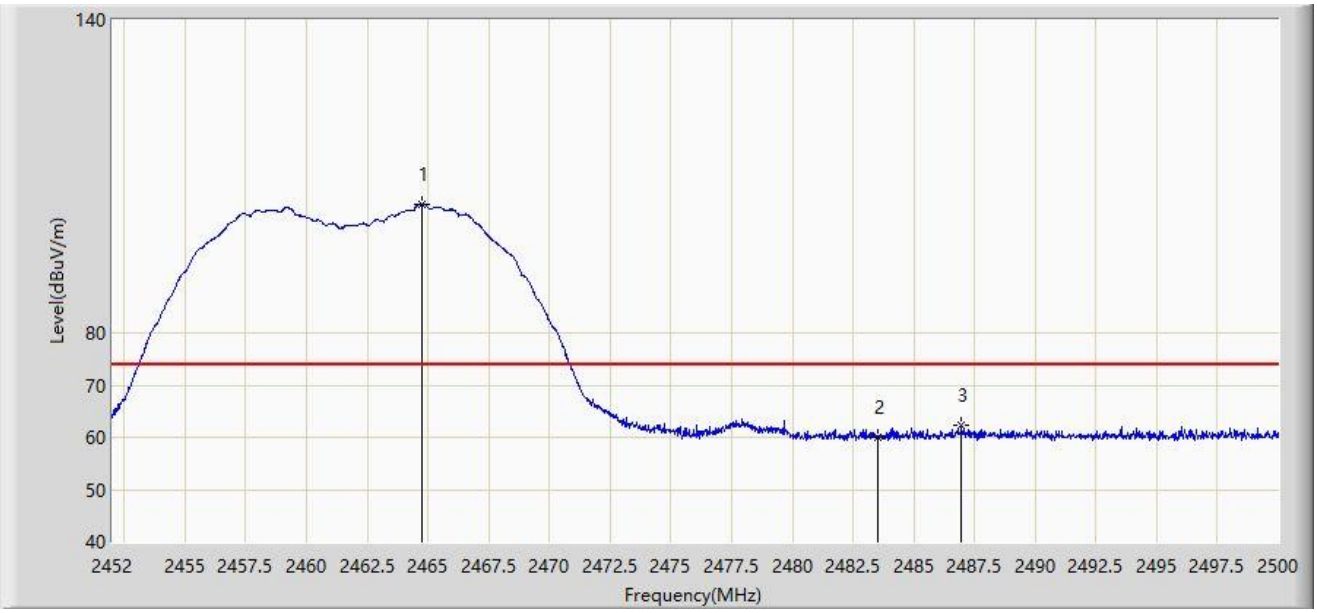
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2459.224	107.849	76.973	N/A	N/A	30.876	AV
2	*	2483.500	51.167	20.405	-2.833	54.000	30.761	AV

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: NS-AC1	Test Date: 2023-06-25
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



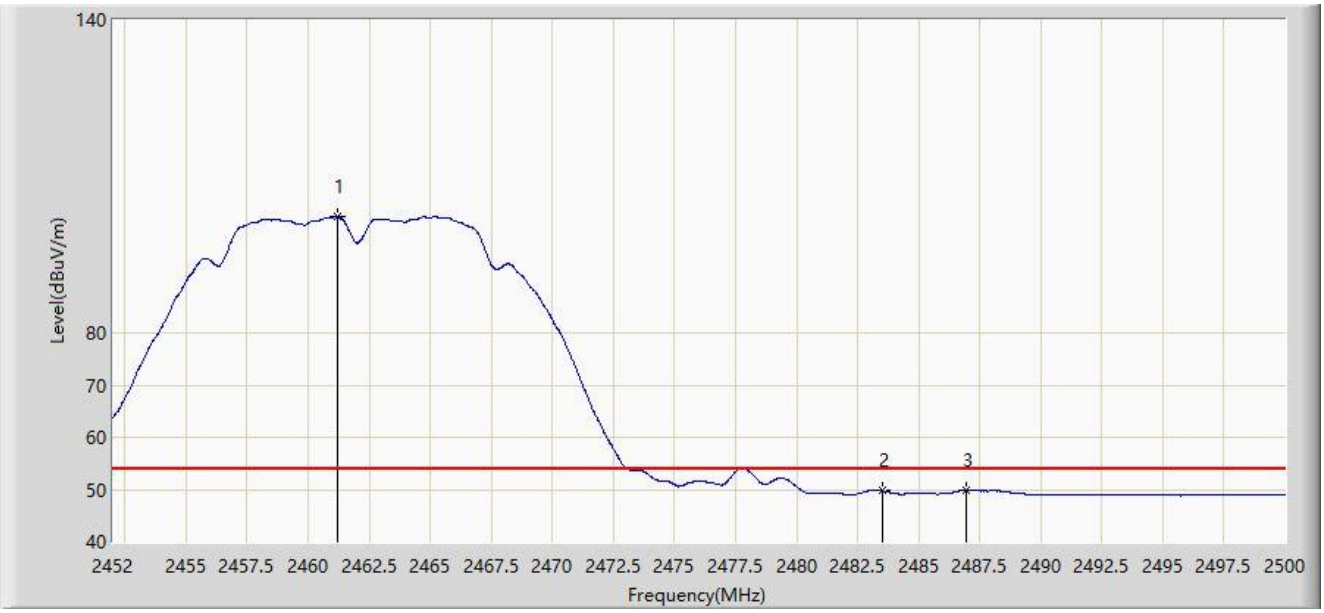
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2464.768	104.742	73.882	N/A	N/A	30.860	PK
2		2483.500	59.981	29.219	-14.019	74.000	30.761	PK
3	*	2486.968	62.330	31.567	-11.670	74.000	30.763	PK

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: NS-AC1	Test Date: 2023-06-25
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



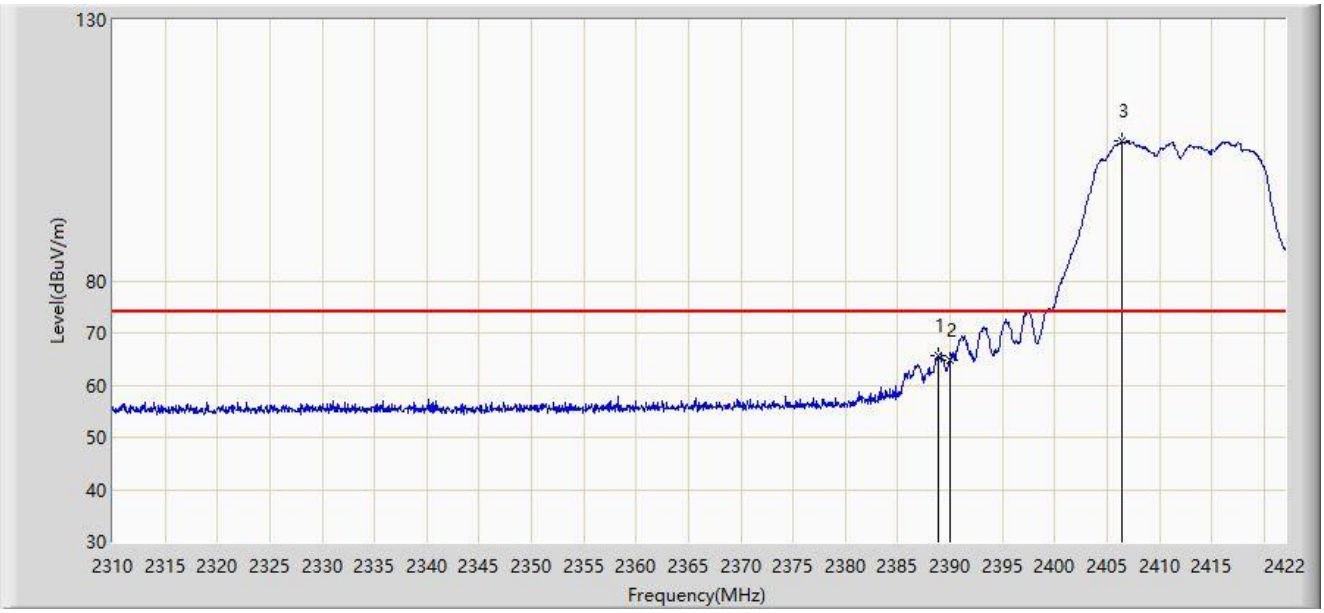
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.192	102.380	71.501	N/A	N/A	30.879	AV
2		2483.500	49.714	18.952	-4.286	54.000	30.761	AV
3	*	2486.944	49.910	19.147	-4.090	54.000	30.763	AV

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: NS-AC1	Test Date: 2023-07-11
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



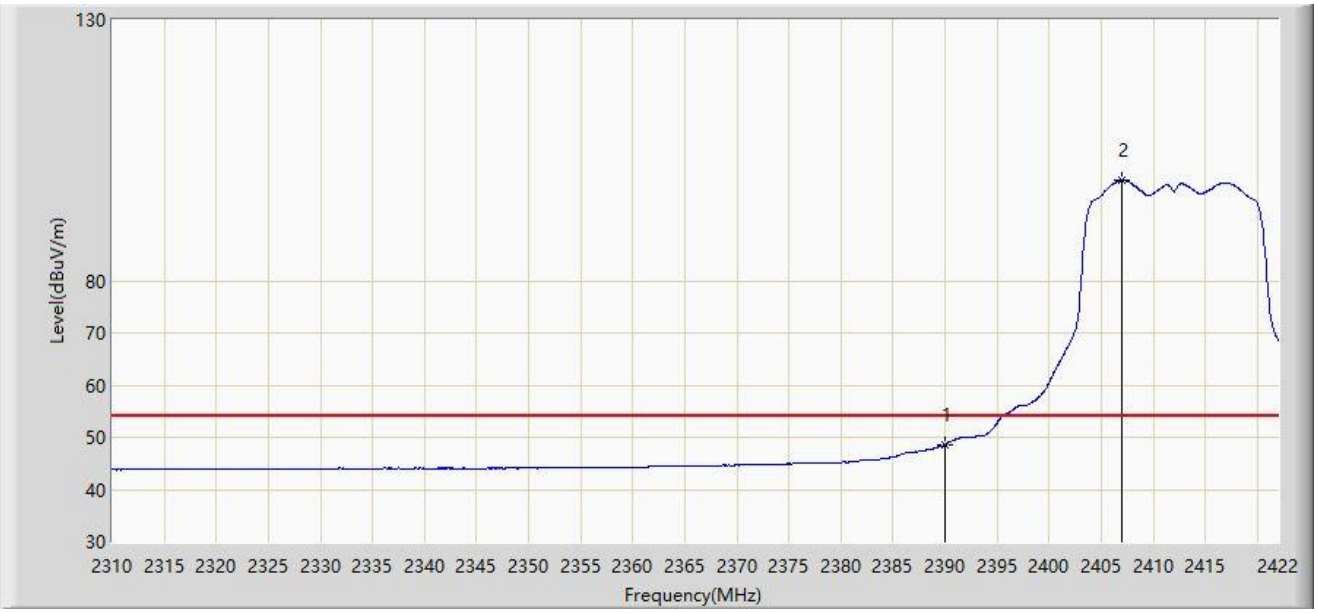
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2388.904	65.654	34.794	-8.346	74.000	30.861	PK
2		2390.000	64.852	34.001	-9.148	74.000	30.850	PK
3		2406.376	106.711	75.860	N/A	N/A	30.851	PK

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: NS-AC1	Test Date: 2023-07-11
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



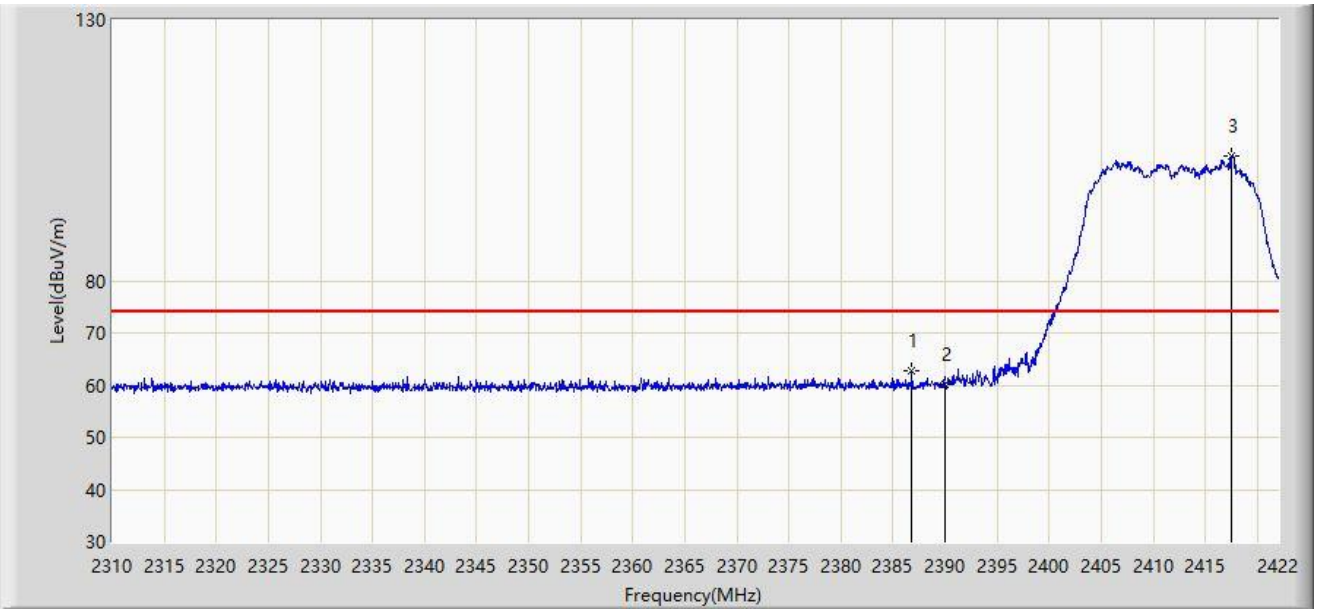
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	48.529	17.678	-5.471	54.000	30.850	AV
2		2406.992	99.212	68.359	N/A	N/A	30.852	AV

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: NS-AC1	Test Date: 2023-07-11
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



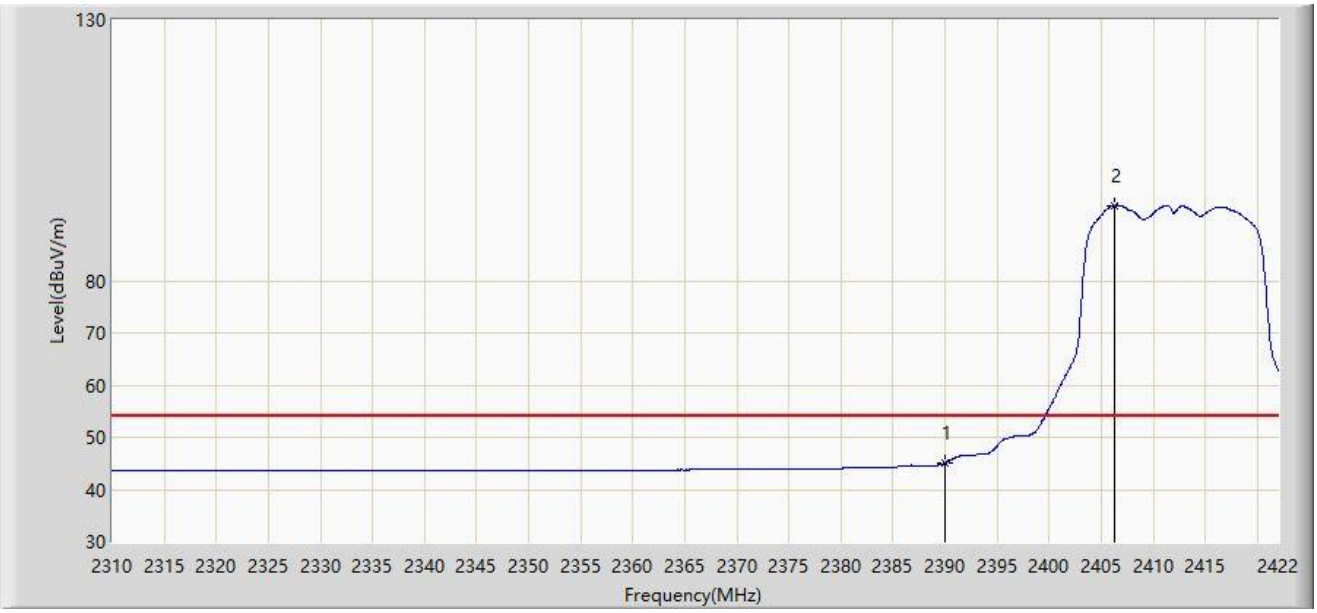
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2386.832	62.637	31.759	-11.363	74.000	30.878	PK
2		2390.000	60.016	29.165	-13.984	74.000	30.850	PK
3		2417.520	103.958	73.140	N/A	N/A	30.818	PK

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: NS-AC1	Test Date: 2023-07-11
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



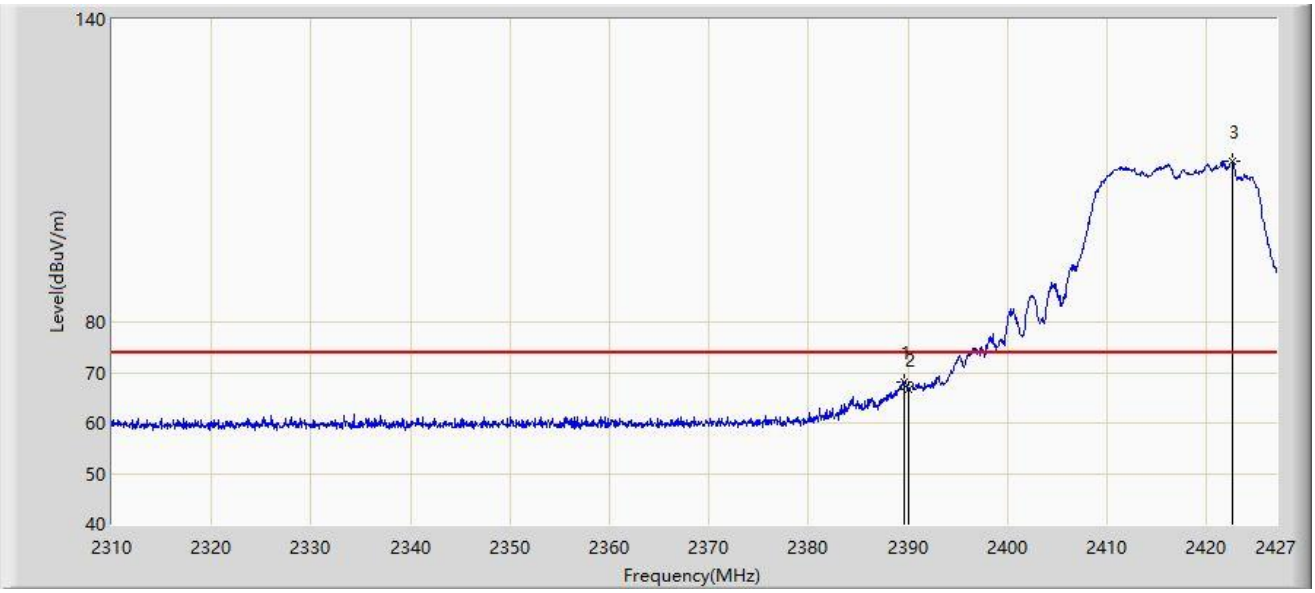
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	45.111	14.260	-8.889	54.000	30.850	AV
2		2406.264	94.445	63.594	N/A	N/A	30.851	AV

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: NS-AC1	Test Date: 2023-06-26
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2417MHz	



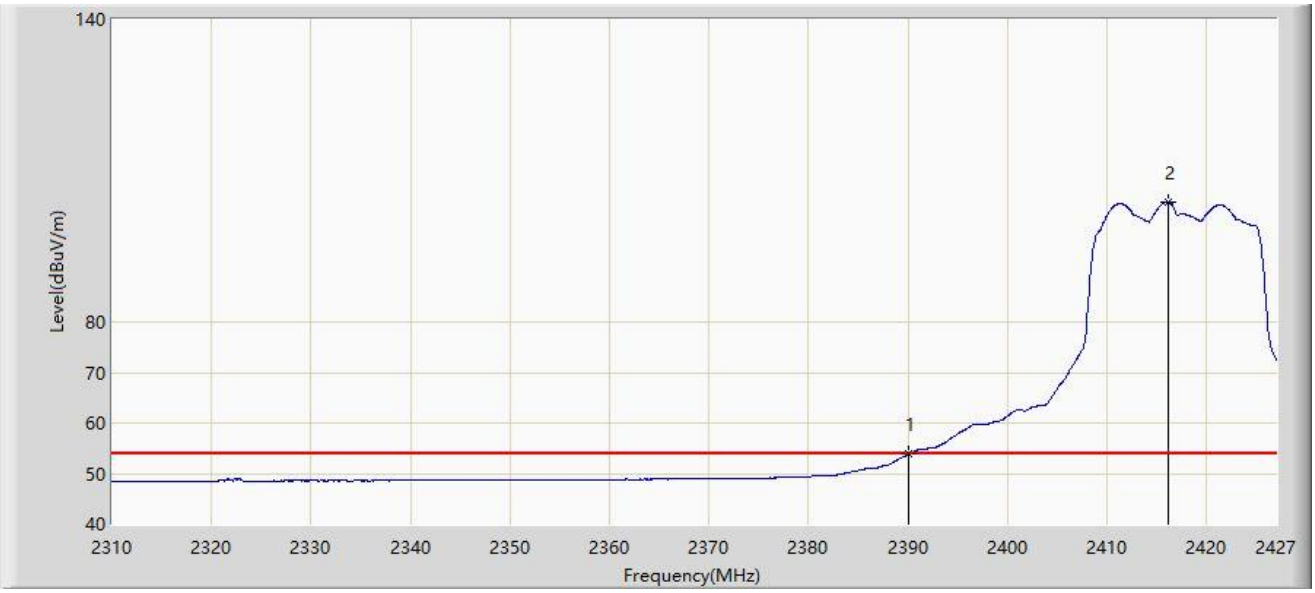
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.560	68.249	37.394	-5.751	74.000	30.854	PK
2		2390.000	66.656	35.805	-7.344	74.000	30.850	PK
3		2422.554	111.958	81.176	N/A	N/A	30.782	PK

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: NS-AC1	Test Date: 2023-06-26
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2417MHz	



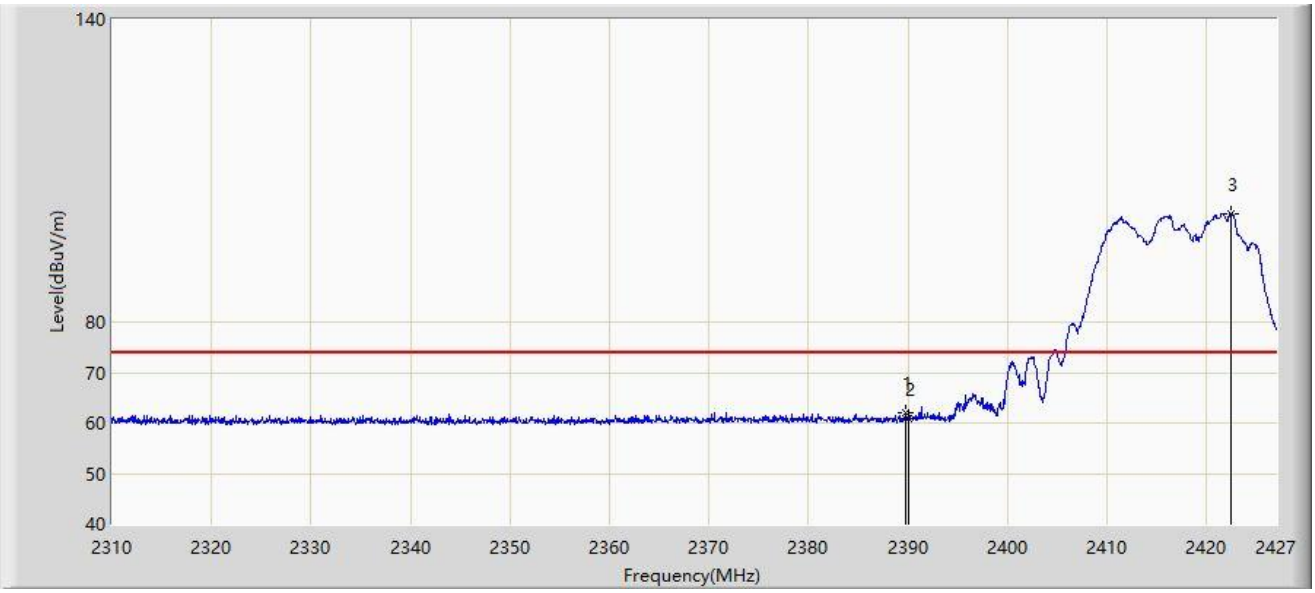
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	53.802	22.951	-0.198	54.000	30.850	AV
2		2416.119	103.807	72.979	N/A	N/A	30.827	AV

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: NS-AC1	Test Date: 2023-06-26
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2417MHz	



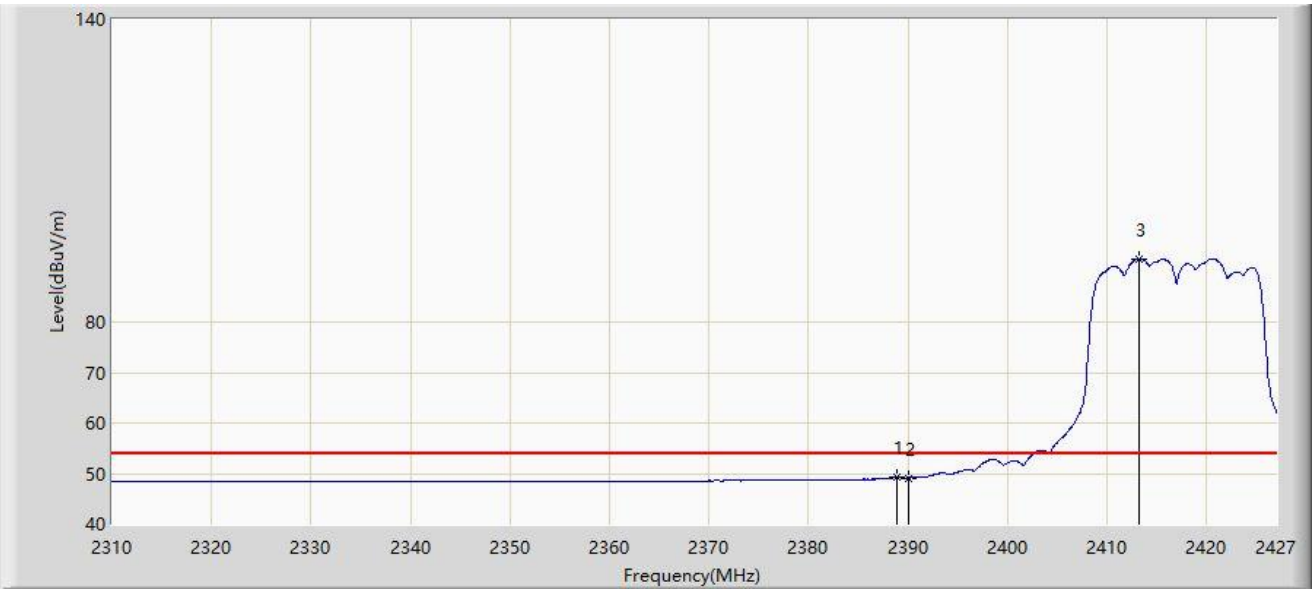
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.736	62.170	31.317	-11.830	74.000	30.853	PK
2		2390.000	60.759	29.908	-13.241	74.000	30.850	PK
3		2422.437	101.584	70.801	N/A	N/A	30.782	PK

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: NS-AC1	Test Date: 2023-06-26
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2417MHz	



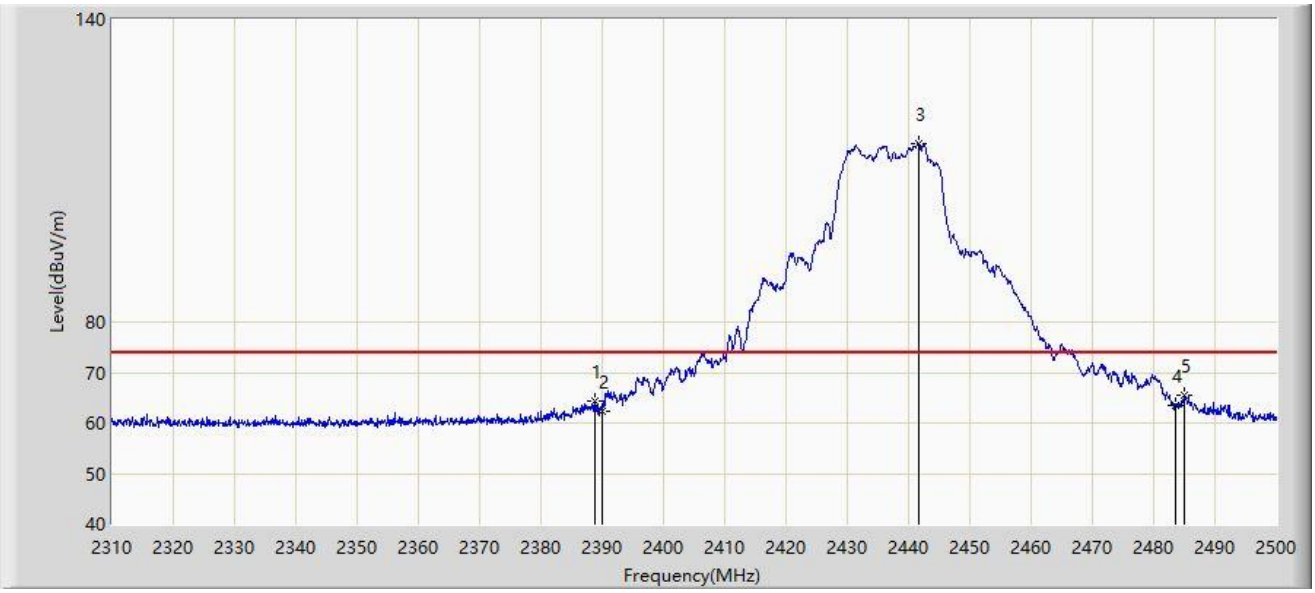
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2388.858	49.163	18.302	-4.837	54.000	30.861	AV
2		2390.000	49.109	18.258	-4.891	54.000	30.850	AV
3		2413.194	92.567	61.719	N/A	N/A	30.849	AV

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: NS-AC1	Test Date: 2023-06-26
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2388.755	64.300	33.438	-9.700	74.000	30.862	PK
2		2390.000	62.311	31.460	-11.689	74.000	30.850	PK
3		2441.575	115.498	84.667	N/A	N/A	30.831	PK
4		2483.500	63.615	32.853	-10.385	74.000	30.761	PK
5	*	2484.895	65.512	34.750	-8.488	74.000	30.763	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).