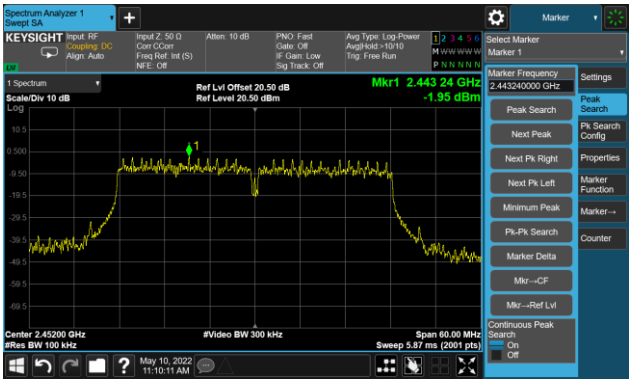
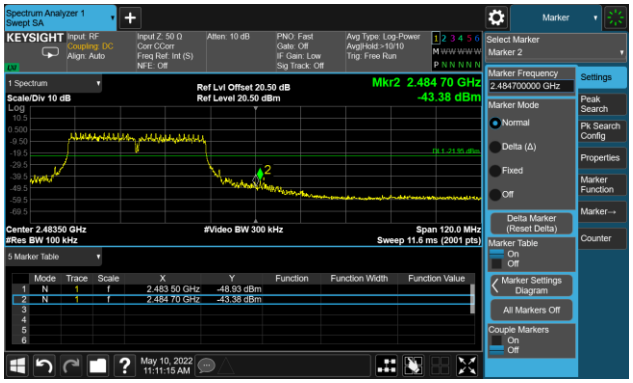
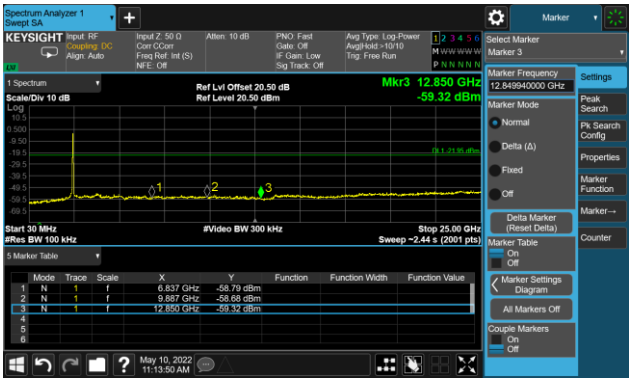
Channel 09 (2452MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	

A.6 Radiated Spurious Emission Test Result

Test Site	SIP-AC2	Test Engineer	Allen Zou
Test Date	2022/05/06~2022/05/07	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	60.5	-5.9	54.6	74.0	-19.4	Peak	Horizontal
	4825.0	57.7	-5.9	51.8	54.0	-2.2	Average	Horizontal
	8361.0	43.3	2.3	45.6	74.0	-28.4	Peak	Horizontal
	11047.0	41.5	7.9	49.4	74.0	-24.6	Peak	Horizontal
	4825.0	52.5	-5.9	46.6	74.0	-27.4	Peak	Vertical
	8386.5	43.2	2.5	45.7	74.0	-28.3	Peak	Vertical
	11608.0	41.3	8.0	49.3	74.0	-24.7	Peak	Vertical
06	4884.5	53.8	-2.8	51.0	74.0	-23.0	Peak	Horizontal
	4884.5	50.5	-2.8	47.7	54.0	-6.3	Average	Horizontal
	7324.0	51.8	1.4	53.2	74.0	-20.8	Peak	Horizontal
	7324.0	47.4	1.4	48.8	54.0	-5.2	Average	Horizontal
	10843.0	41.2	5.0	46.2	74.0	-27.8	Peak	Horizontal
	4884.5	47.5	-2.8	44.7	74.0	-29.3	Peak	Vertical
	7324.0	53.2	1.4	54.6	74.0	-19.4	Peak	Vertical
	7324.0	46.1	1.4	47.5	54.0	-6.5	Average	Vertical
	11701.5	41.5	5.4	46.9	74.0	-27.1	Peak	Vertical
11	4927.0	53.2	-2.9	50.3	74.0	-23.7	Peak	Horizontal
	7383.5	51.6	1.6	53.2	74.0	-20.8	Peak	Horizontal
	7383.5	44.5	1.6	46.1	54.0	-7.9	Average	Horizontal
	12084.0	40.6	6.5	47.1	74.0	-26.9	Peak	Horizontal
	4927.0	48.3	-2.9	45.4	74.0	-28.6	Peak	Vertical
	7383.5	52.2	1.6	53.8	74.0	-20.2	Peak	Vertical
	7383.5	48.6	1.6	50.2	54.0	-3.8	Average	Vertical
	12118.0	40.5	6.9	47.4	74.0	-26.6	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-AC2	Test Engineer	Allen Zou
Test Date	2022/05/06~2022/05/07	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	4910.0	45.2	-2.9	42.3	74.0	-31.7	Peak	Horizontal
	8369.5	41.8	2.5	44.3	74.0	-29.7	Peak	Horizontal
	12339.0	41.2	6.3	47.5	74.0	-26.5	Peak	Horizontal
	4884.5	45.6	-2.8	42.8	74.0	-31.2	Peak	Vertical
	8165.5	42.3	2.7	45.0	74.0	-29.0	Peak	Vertical
	10783.5	41.8	5.0	46.8	74.0	-27.2	Peak	Vertical
06	4927.0	44.9	-2.9	42.0	74.0	-32.0	Peak	Horizontal
	7324.0	48.2	1.4	49.6	74.0	-24.4	Peak	Horizontal
	11429.5	40.8	5.7	46.5	74.0	-27.5	Peak	Horizontal
	7324.0	47.3	1.4	48.7	74.0	-25.3	Peak	Vertical
	8378.0	41.6	2.6	44.2	74.0	-29.8	Peak	Vertical
	12160.5	40.3	6.7	47.0	74.0	-27.0	Peak	Vertical
11	4935.5	44.7	-2.8	41.9	74.0	-32.1	Peak	Horizontal
	7468.5	42.8	2.1	44.9	74.0	-29.1	Peak	Horizontal
	12152.0	40.3	6.8	47.1	74.0	-26.9	Peak	Horizontal
	7417.5	44.0	1.8	45.8	74.0	-28.2	Peak	Vertical
	8148.5	41.7	2.6	44.3	74.0	-29.7	Peak	Vertical
	11047.0	40.9	5.3	46.2	74.0	-27.8	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-AC2	Test Engineer	Allen Zou
Test Date	2022/05/06~2022/05/07	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	4833.5	46.3	-3.2	43.1	74.0	-30.9	Peak	Horizontal
	8191.0	42.6	2.4	45.0	74.0	-29.0	Peak	Horizontal
	10851.5	41.6	5.0	46.6	74.0	-27.4	Peak	Horizontal
	4867.5	45.0	-2.8	42.2	74.0	-31.8	Peak	Vertical
	8497.0	41.7	2.5	44.2	74.0	-29.8	Peak	Vertical
	11616.5	40.7	5.6	46.3	74.0	-27.7	Peak	Vertical
06	4876.0	45.0	-3.0	42.0	74.0	-32.0	Peak	Horizontal
	7324.0	46.4	1.4	47.8	74.0	-26.2	Peak	Horizontal
	11404.0	40.7	5.5	46.2	74.0	-27.8	Peak	Horizontal
	4799.5	45.7	-2.7	43.0	74.0	-31.0	Peak	Vertical
	7315.5	48.2	1.3	49.5	74.0	-24.5	Peak	Vertical
	10851.5	41.9	5.0	46.9	74.0	-27.1	Peak	Vertical
11	7417.5	43.1	1.8	44.9	74.0	-29.1	Peak	Horizontal
	8157.0	41.1	2.9	44.0	74.0	-30.0	Peak	Horizontal
	11506.0	40.2	6.2	46.4	74.0	-27.6	Peak	Horizontal
	7426.0	42.7	1.9	44.6	74.0	-29.4	Peak	Vertical
	8454.5	42.3	2.6	44.9	74.0	-29.1	Peak	Vertical
	11531.5	40.7	5.8	46.5	74.0	-27.5	Peak	Vertical

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

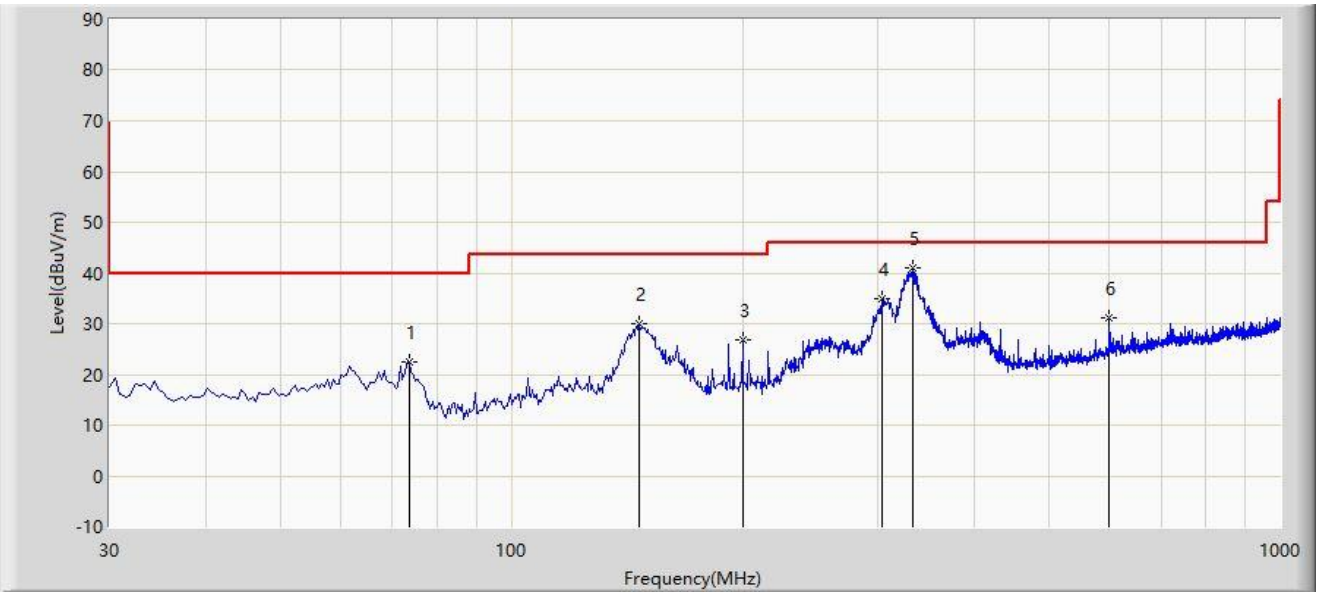
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	SIP-AC2	Test Engineer	Allen Zou
Test Date	2022/05/06~2022/05/07	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	5046.0	44.7	-2.3	42.4	74.0	-31.6	Peak	Horizontal
	8216.5	42.5	2.2	44.7	74.0	-29.3	Peak	Horizontal
	11914.0	40.8	5.8	46.6	74.0	-27.4	Peak	Horizontal
	7264.5	46.6	1.3	47.9	74.0	-26.1	Peak	Vertical
	8284.5	41.7	2.6	44.3	74.0	-29.7	Peak	Vertical
	11421.0	40.9	5.7	46.6	74.0	-27.4	Peak	Vertical
06	4978.0	44.6	-2.4	42.2	74.0	-31.8	Peak	Horizontal
	7298.5	44.5	1.2	45.7	74.0	-28.3	Peak	Horizontal
	11591.0	41.1	5.7	46.8	74.0	-27.2	Peak	Horizontal
	4782.5	44.6	-2.7	41.9	74.0	-32.1	Peak	Vertical
	7307.0	45.5	1.2	46.7	74.0	-27.3	Peak	Vertical
	10783.5	42.1	5.0	47.1	74.0	-26.9	Peak	Vertical
09	7443.0	42.6	2.0	44.6	74.0	-29.4	Peak	Horizontal
	8157.0	41.7	2.9	44.6	74.0	-29.4	Peak	Horizontal
	11523.0	40.2	5.9	46.1	74.0	-27.9	Peak	Horizontal
	4961.0	45.0	-2.5	42.5	74.0	-31.5	Peak	Vertical
	7358.0	44.5	1.4	45.9	74.0	-28.1	Peak	Vertical
	11047.0	41.5	5.3	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)								

Radiated Spurious Emission for below 1GHz:

Site: SIP-AC2	Test Date: 2022/05/05
Limit: FCC_Part15.209_RE(3m)	Engineer: Allen Zou
Probe: VULB 9168_00999_25-2000MHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			73.650	22.378	6.500	-17.622	40.000	15.878	PK
2			146.400	29.975	11.522	-13.525	43.500	18.453	PK
3			199.750	26.915	11.124	-16.585	43.500	15.791	PK
4			304.025	34.955	15.813	-11.045	46.000	19.141	PK
5		*	332.155	41.080	21.200	-4.920	46.000	19.879	PK
6			599.875	31.040	4.891	-14.960	46.000	26.149	PK

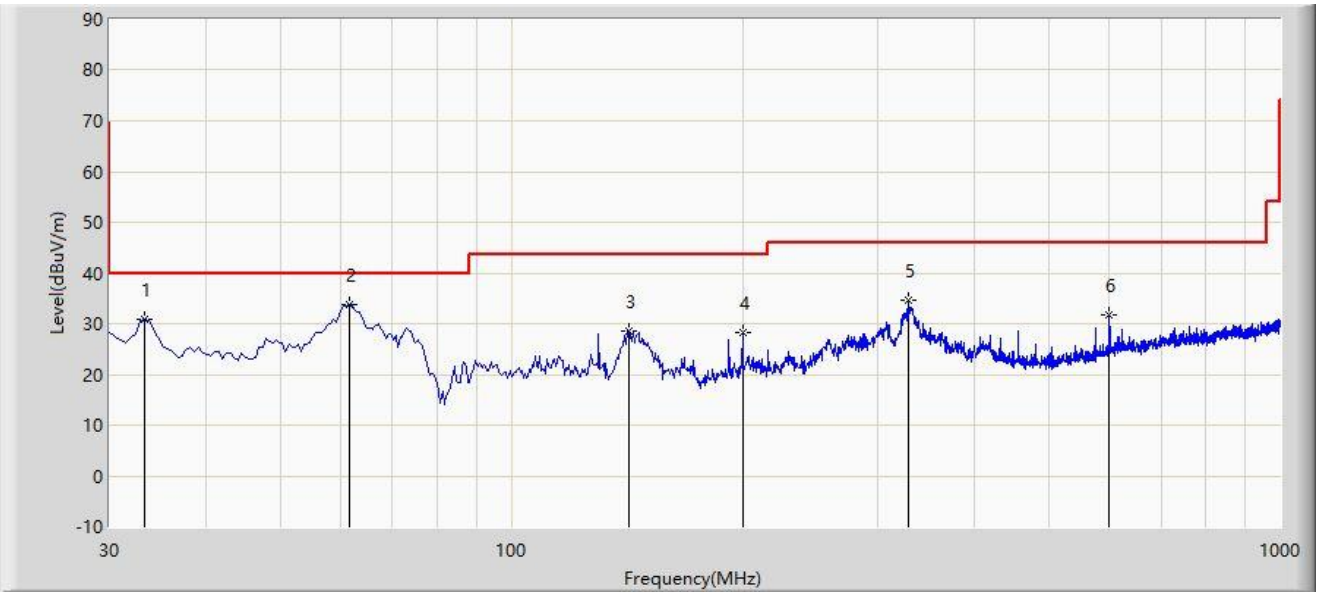
Note 1: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

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

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 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: SIP-AC2	Test Date: 2022/05/05
Limit: FCC_Part15.209_RE(3m)	Engineer: Allen Zou
Probe: VULB 9168_00999_25-2000MHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			33.395	30.946	13.499	-9.054	40.000	17.448	PK
2		*	61.525	33.667	15.874	-6.333	40.000	17.793	PK
3			142.035	28.673	10.393	-14.827	43.500	18.280	PK
4			199.750	28.297	12.506	-15.203	43.500	15.791	PK
5			328.275	34.744	14.940	-11.256	46.000	19.804	PK
6			599.875	31.770	5.621	-14.230	46.000	26.149	PK

Note 1: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

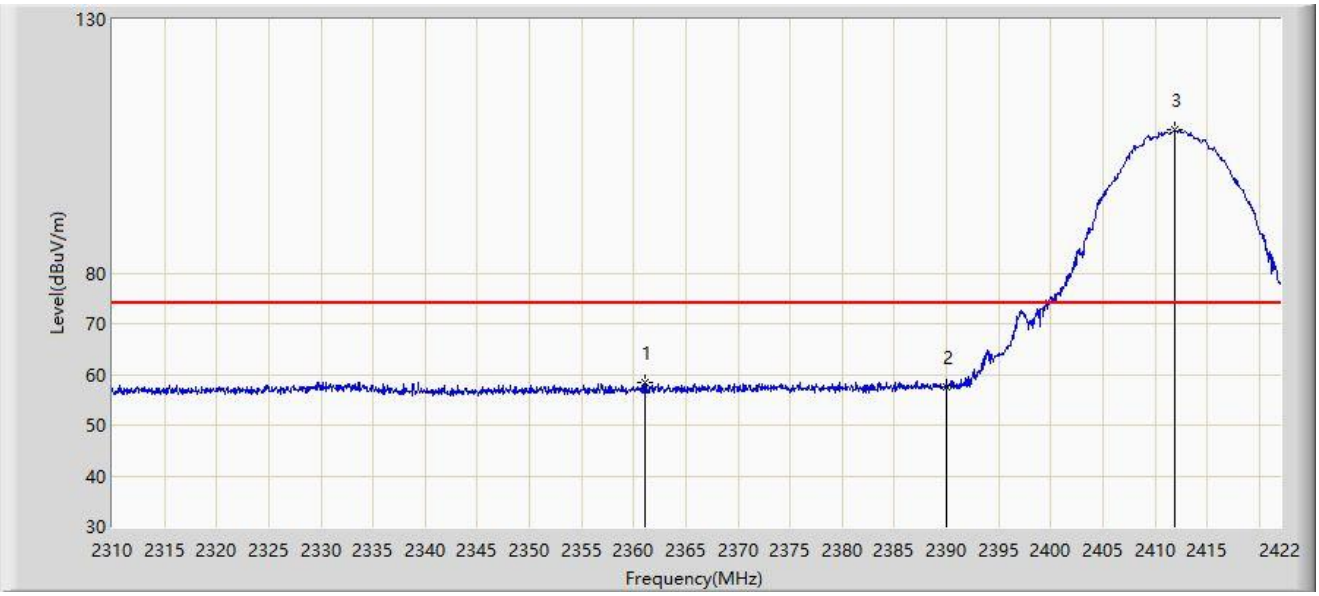
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.7 Radiated Restricted Band Edge Test Result

Site: SIP-AC2	Test Date: 2022/05/05 - 23:18
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11b	

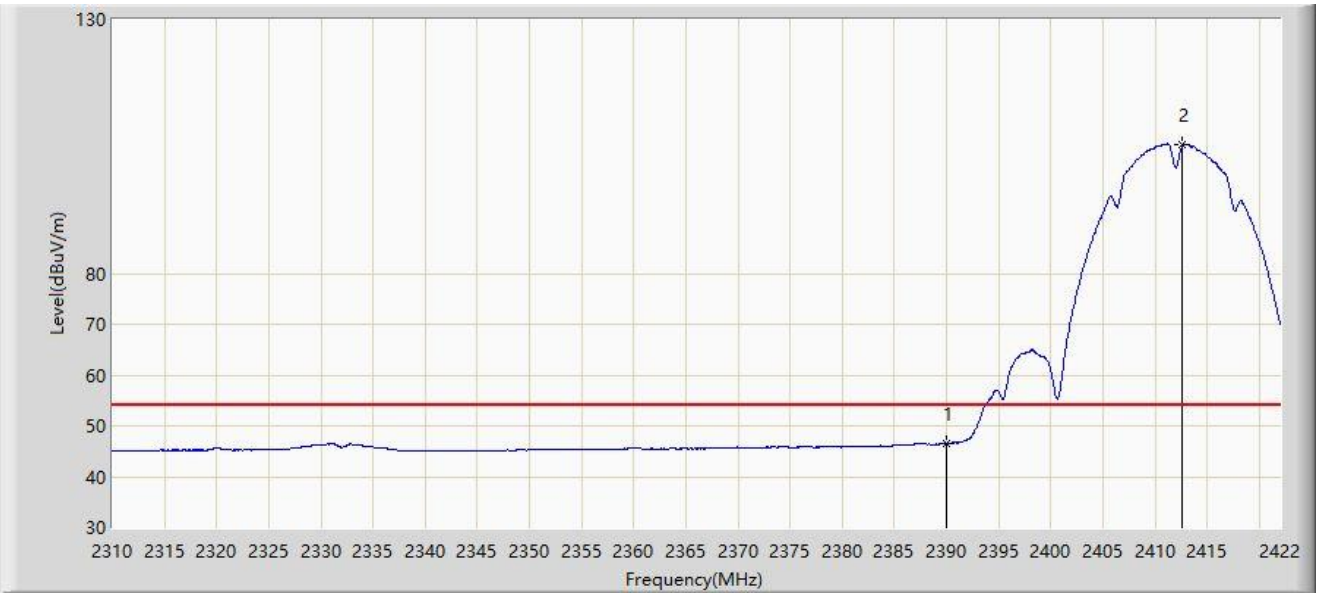


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			2361.072	58.530	26.017	-15.470	74.000	32.513	PK
2			2390.000	57.569	25.165	-16.431	74.000	32.404	PK
3		*	2411.864	108.198	75.846	N/A	N/A	32.352	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/05 - 23:27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11b	

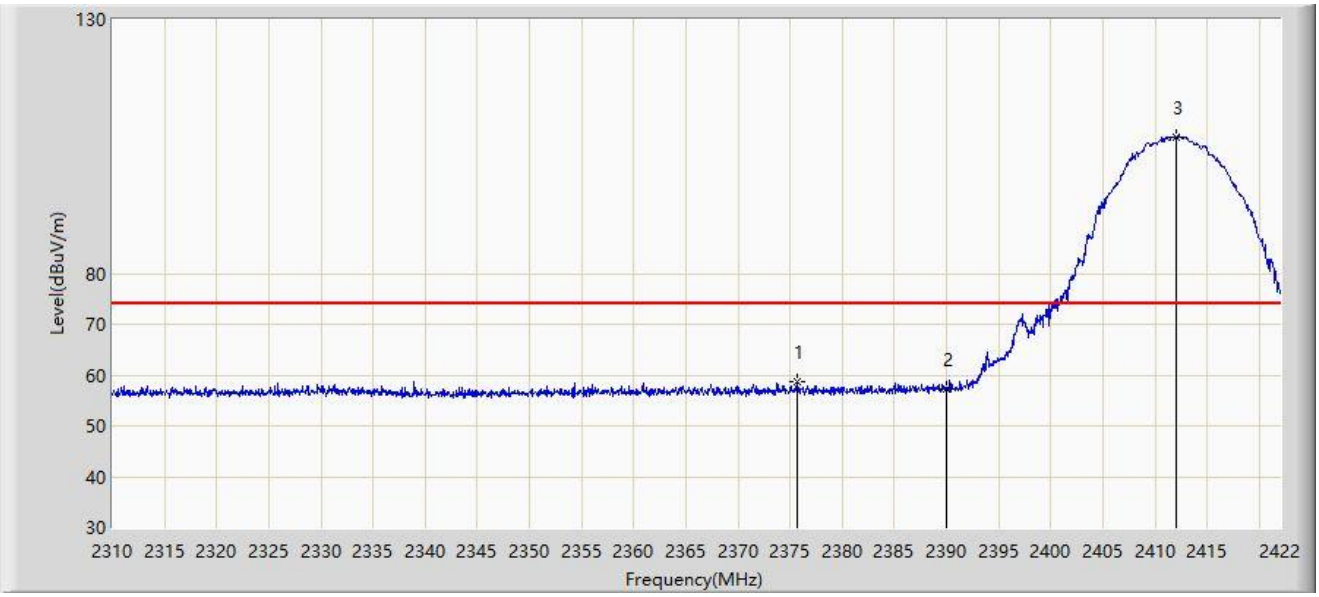


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2390.000	46.526	14.122	-7.474	54.000	32.404	AV
2		*	2412.648	105.347	72.995	N/A	N/A	32.352	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/05 - 23:29
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11b	

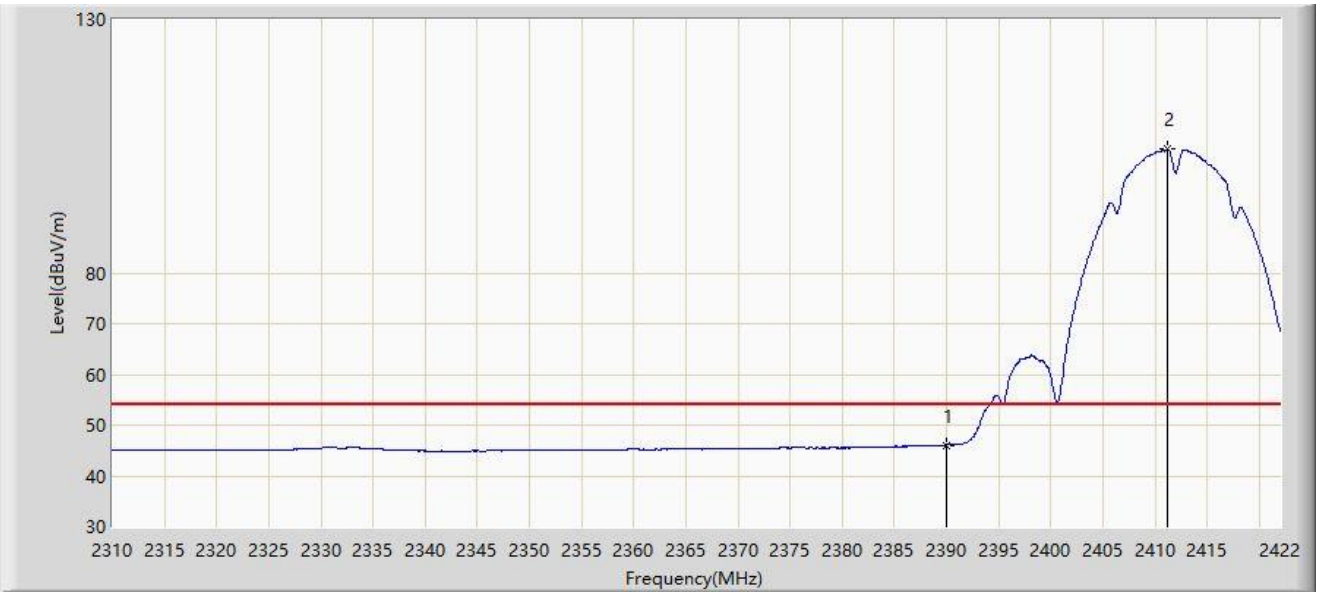


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2375.632	58.586	26.094	-15.414	74.000	32.492	PK
2			2390.000	57.306	24.902	-16.694	74.000	32.404	PK
3		*	2411.976	106.867	74.515	N/A	N/A	32.352	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/05 - 23:31
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11b	

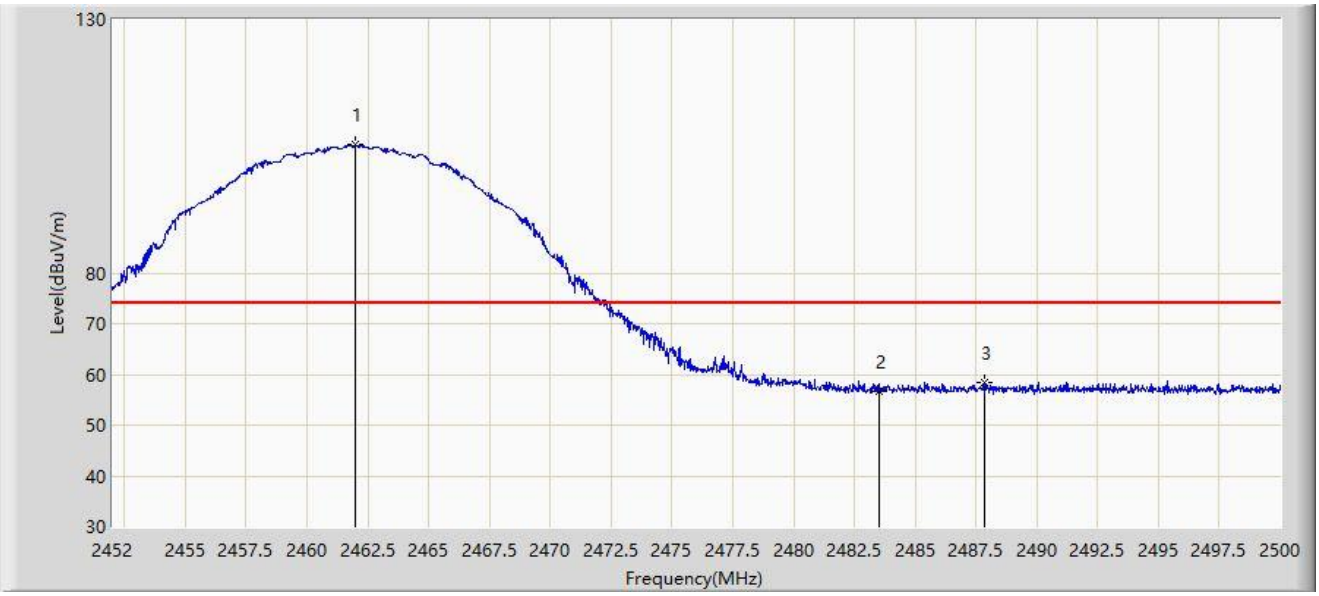


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2390.000	46.078	13.674	-7.922	54.000	32.404	AV
2		*	2411.192	104.387	72.035	N/A	N/A	32.352	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/05 - 23:54
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11b	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2462.008	105.348	73.068	N/A	N/A	32.280	PK
2			2483.500	56.685	24.490	-17.315	74.000	32.195	PK
3			2487.832	58.393	26.186	-15.607	74.000	32.207	PK

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

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

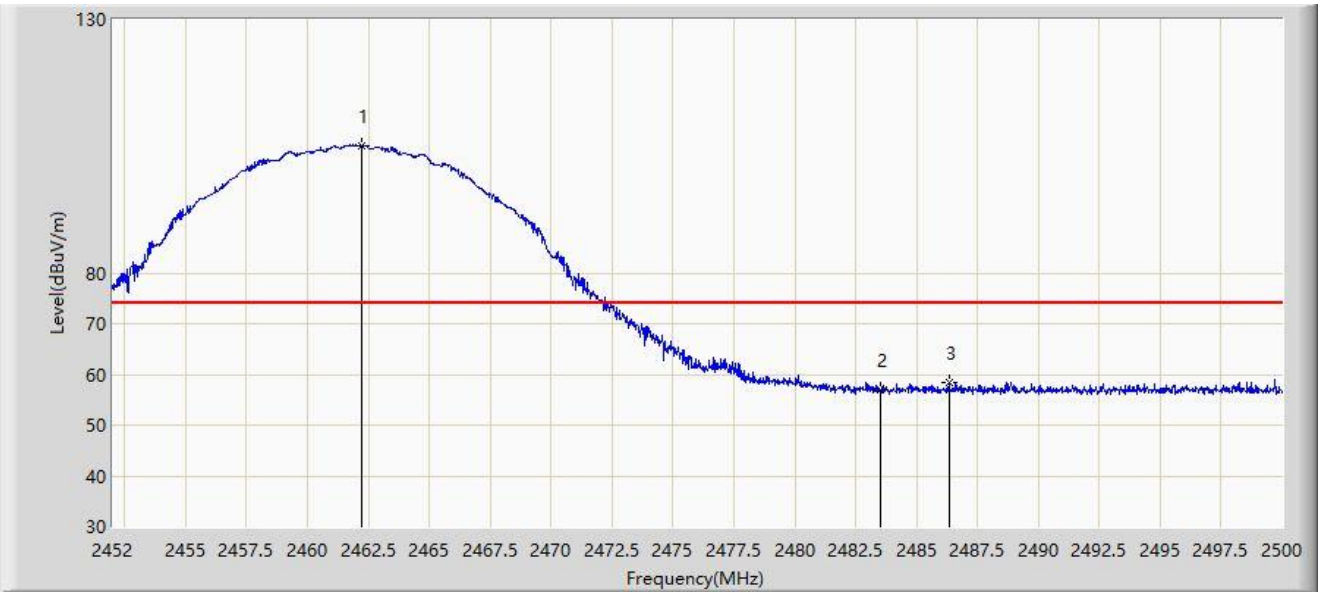
Site: SIP-AC2	Test Date: 2022/05/06 - 00:00
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11b	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2461.240	102.574	70.292	N/A	N/A	32.282	AV
2			2483.500	45.534	13.339	-8.466	54.000	32.195	AV
3			2483.656	45.558	13.362	-8.442	54.000	32.196	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 00:01
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11b	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2462.200	105.083	72.804	N/A	N/A	32.279	PK
2			2483.500	56.878	24.683	-17.122	74.000	32.195	PK
3			2486.320	58.453	26.250	-15.547	74.000	32.203	PK

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

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

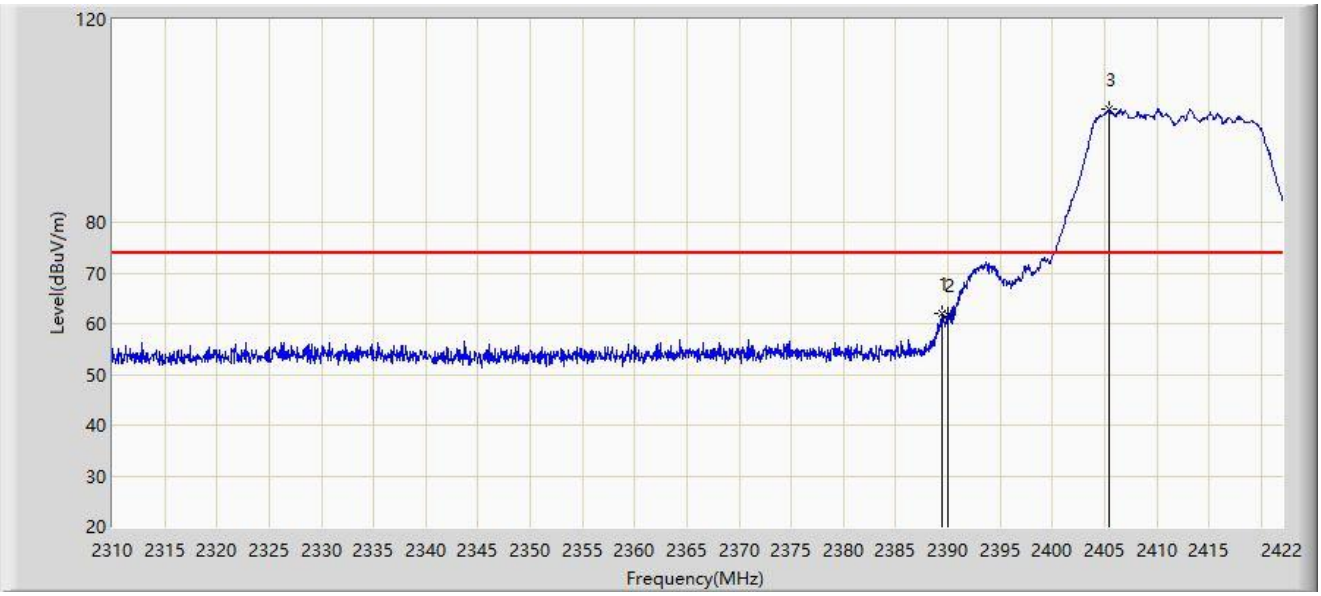
Site: SIP-AC2	Test Date: 2022/05/06 - 00:06
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11b	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2461.120	102.544	70.261	N/A	N/A	32.283	AV
2			2483.500	45.558	13.363	-8.442	54.000	32.195	AV
3			2483.704	45.564	13.368	-8.436	54.000	32.196	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:01
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11g	

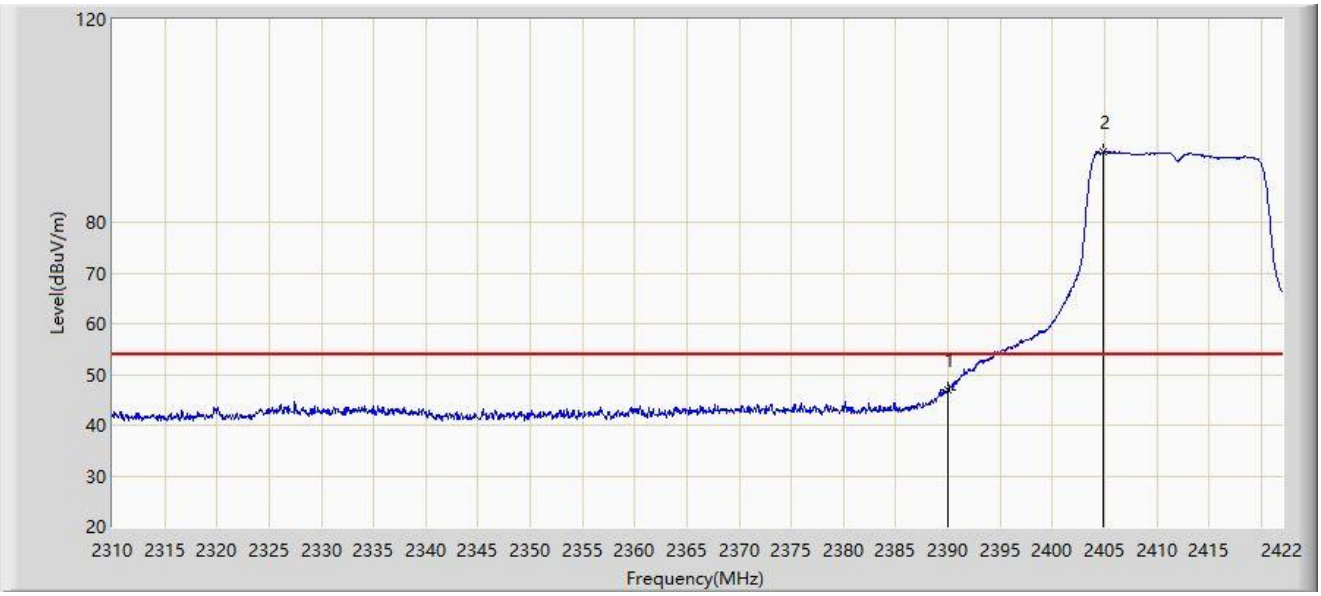


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.464	62.011	29.603	-11.989	74.000	32.408	PK
2			2390.000	61.791	29.387	-12.209	74.000	32.404	PK
3		*	2405.424	102.207	69.846	N/A	N/A	32.360	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:04
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11g	

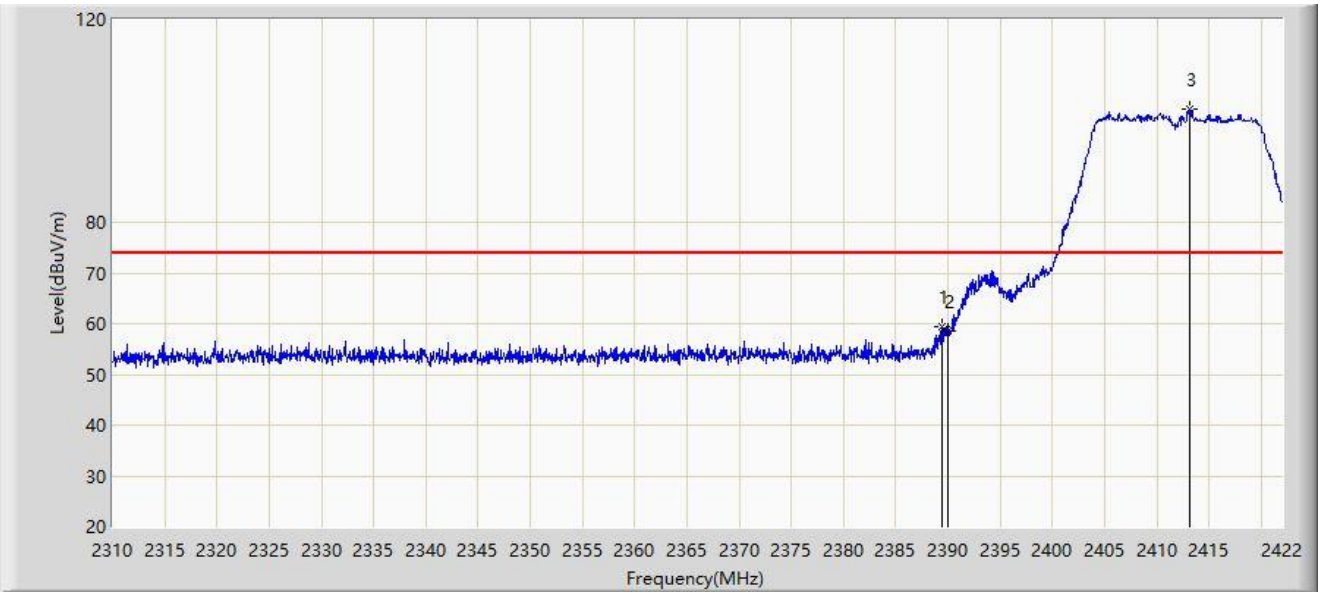


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			2390.000	47.052	14.648	-6.948	54.000	32.404	AV
2		*	2404.864	93.774	61.413	N/A	N/A	32.361	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:06
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11g	

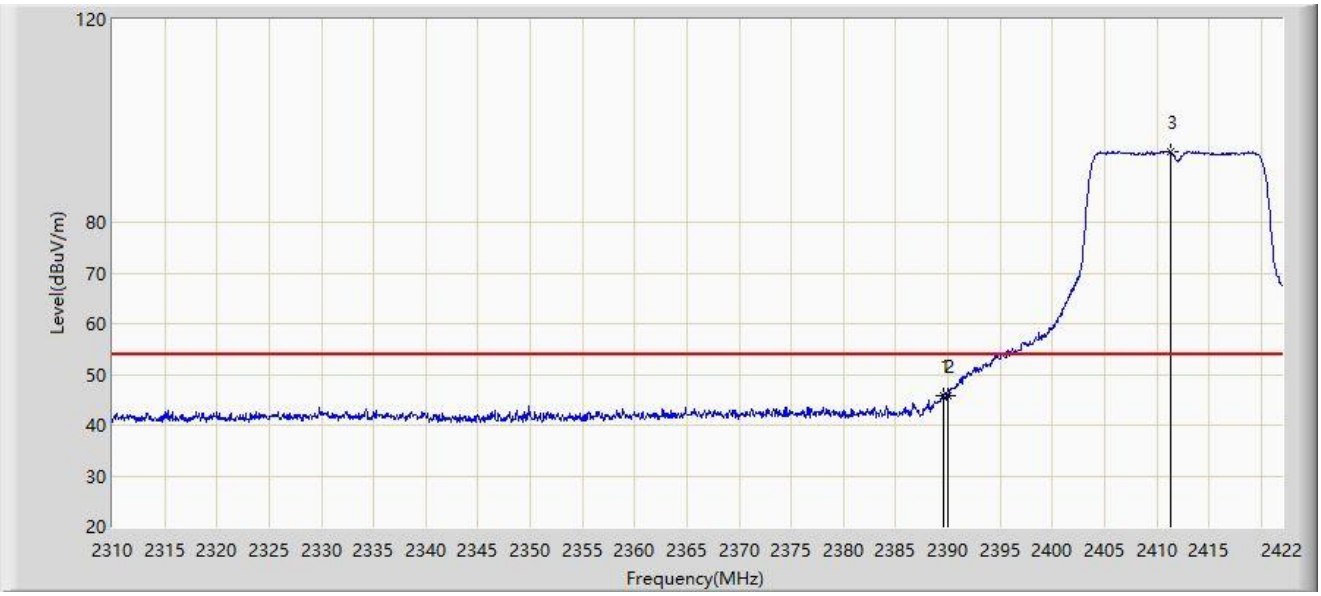


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			2389.408	59.564	27.156	-14.436	74.000	32.408	PK
2			2390.000	58.628	26.224	-15.372	74.000	32.404	PK
3		*	2413.208	102.446	70.094	N/A	N/A	32.352	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:09
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11g	

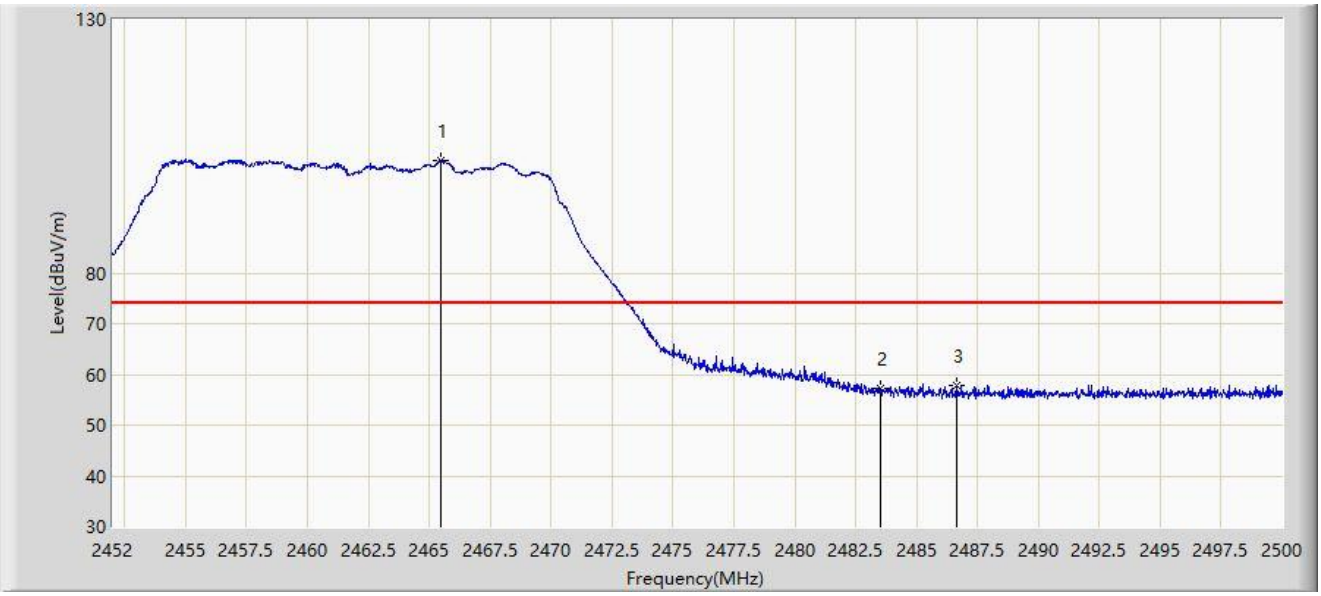


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.576	45.919	13.512	-8.081	54.000	32.407	AV
2			2390.000	45.791	13.387	-8.209	54.000	32.404	AV
3		*	2411.304	93.847	61.495	N/A	N/A	32.352	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 00:47
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11g	

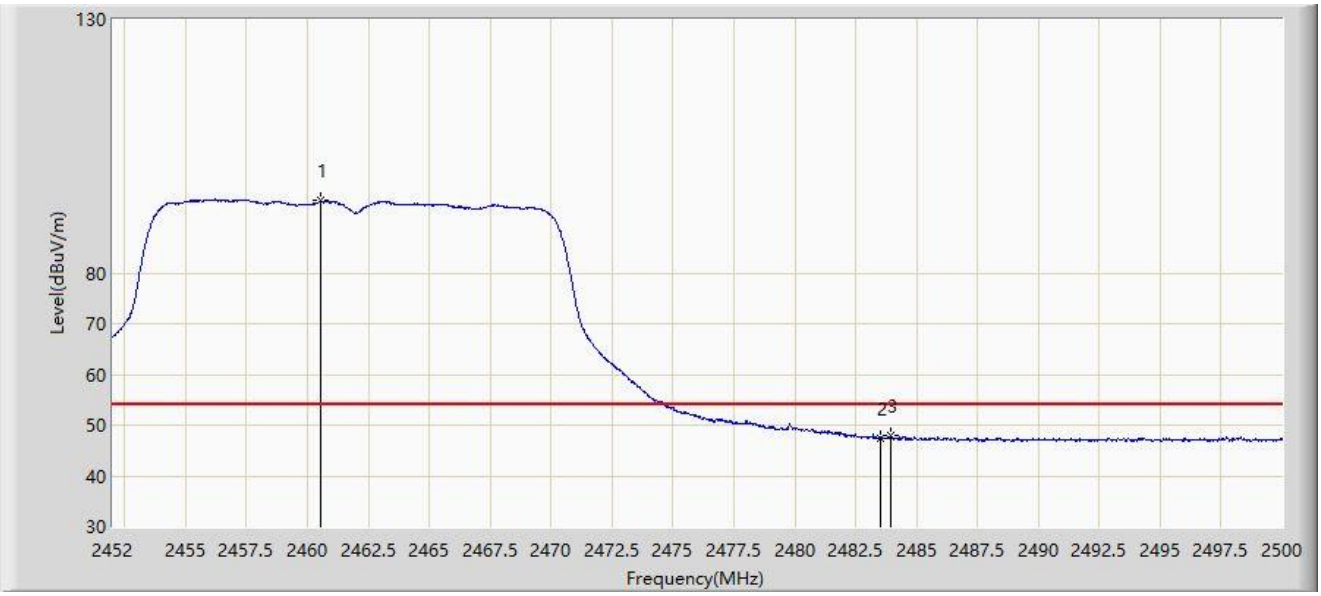


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2465.464	102.043	69.783	N/A	N/A	32.260	PK
2			2483.500	57.168	24.973	-16.832	74.000	32.195	PK
3			2486.656	57.880	25.676	-16.120	74.000	32.204	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 00:43
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11g	

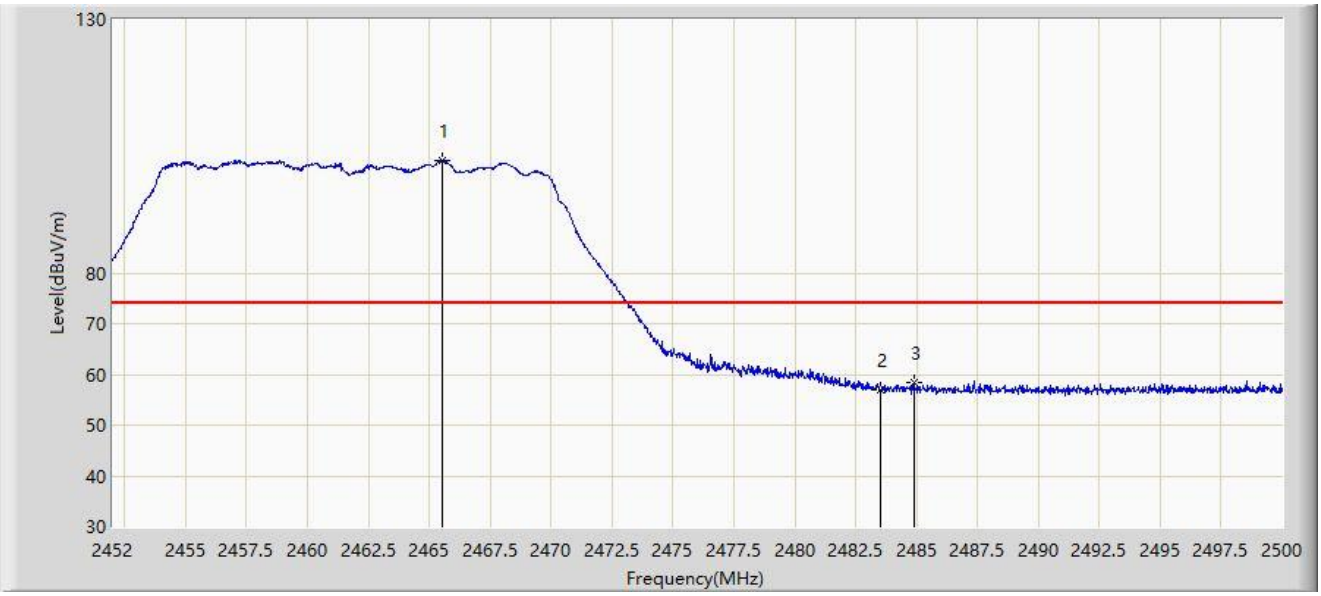


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2460.520	94.203	61.918	N/A	N/A	32.285	AV
2			2483.500	47.466	15.271	-6.534	54.000	32.195	AV
3			2483.920	47.932	15.736	-6.068	54.000	32.196	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 00:48
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11g	

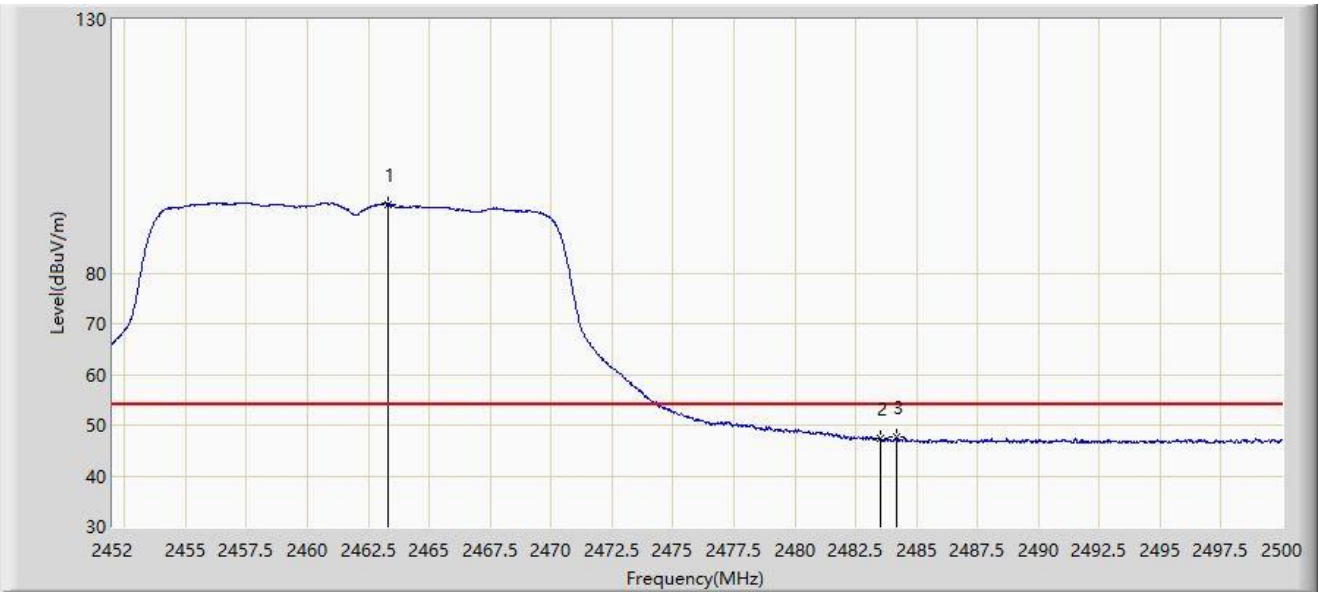


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2465.536	102.259	69.999	N/A	N/A	32.260	PK
2			2483.500	56.992	24.797	-17.008	74.000	32.195	PK
3			2484.880	58.303	26.104	-15.697	74.000	32.198	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 00:51
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11g	

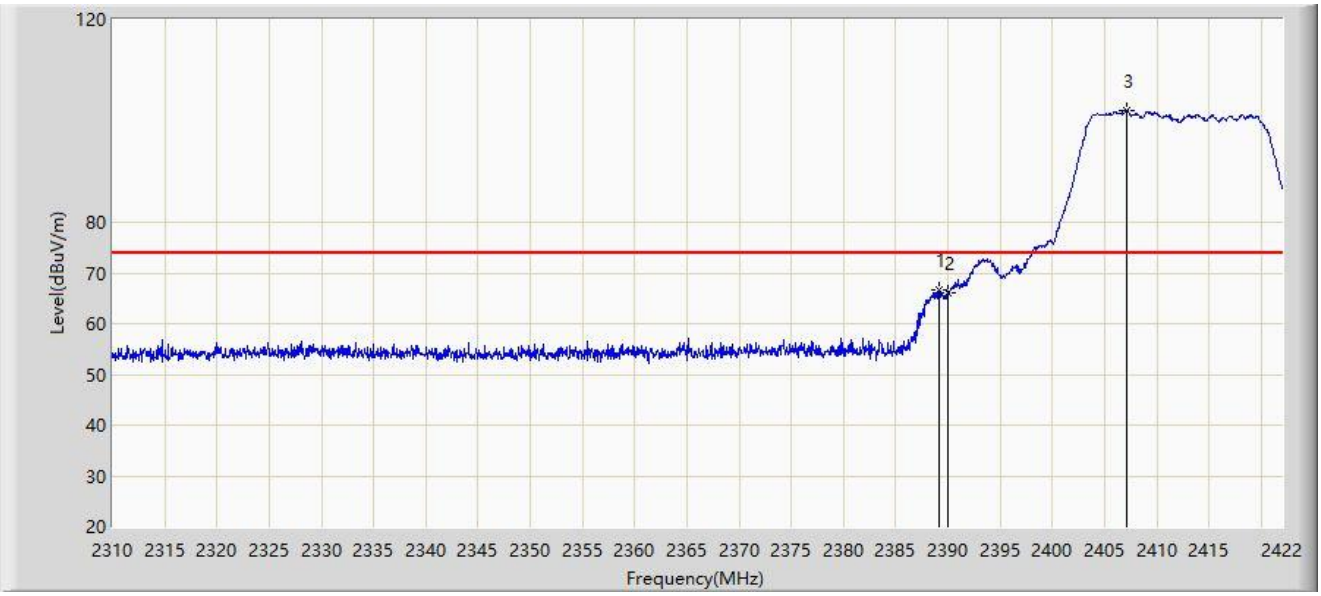


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2463.304	93.579	61.306	N/A	N/A	32.273	AV
2			2483.500	47.349	15.154	-6.651	54.000	32.195	AV
3			2484.208	47.594	15.397	-6.406	54.000	32.197	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:12
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11n-HT20	

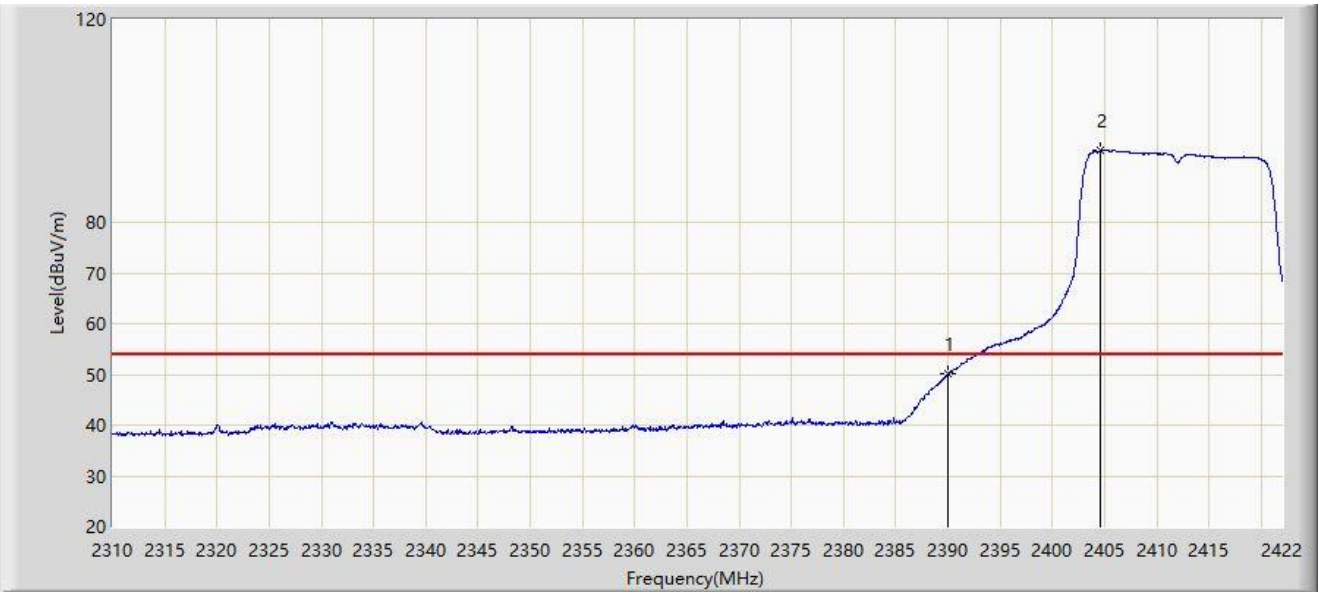


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.128	66.648	34.238	-7.352	74.000	32.410	PK
2			2390.000	66.054	33.650	-7.946	74.000	32.404	PK
3		*	2407.160	102.054	69.696	N/A	N/A	32.358	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:19
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11n-HT20	

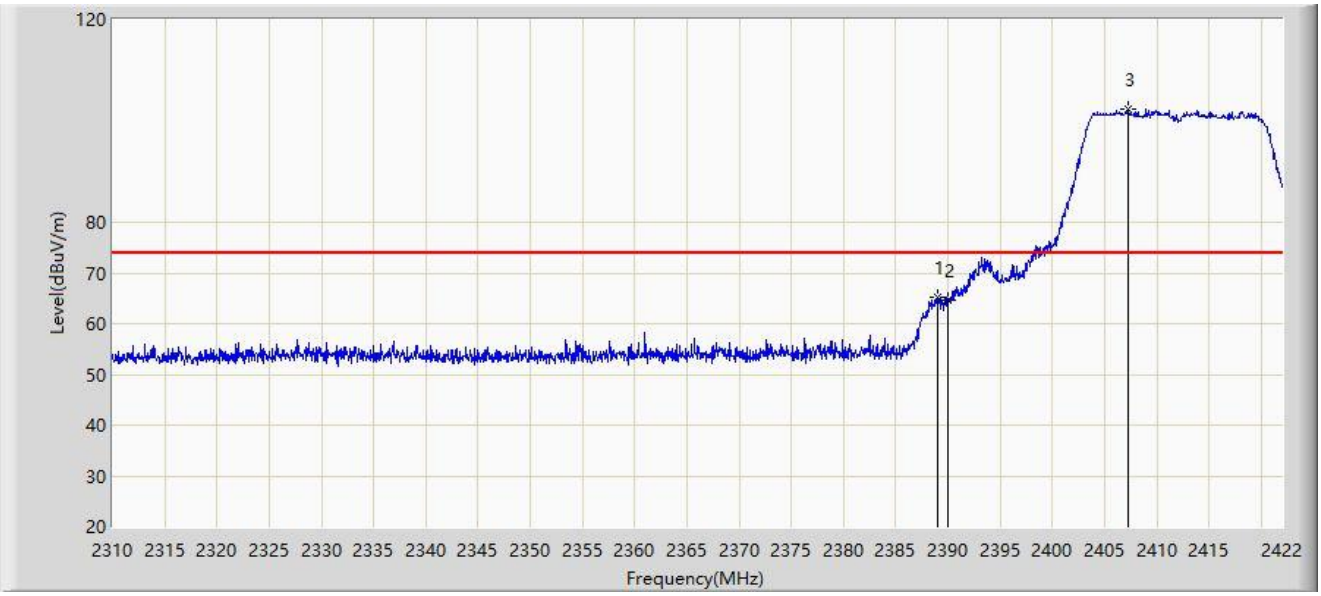


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			2390.000	50.003	17.599	-3.997	54.000	32.404	AV
2		*	2404.640	94.072	61.710	N/A	N/A	32.362	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:22
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11n-HT20	

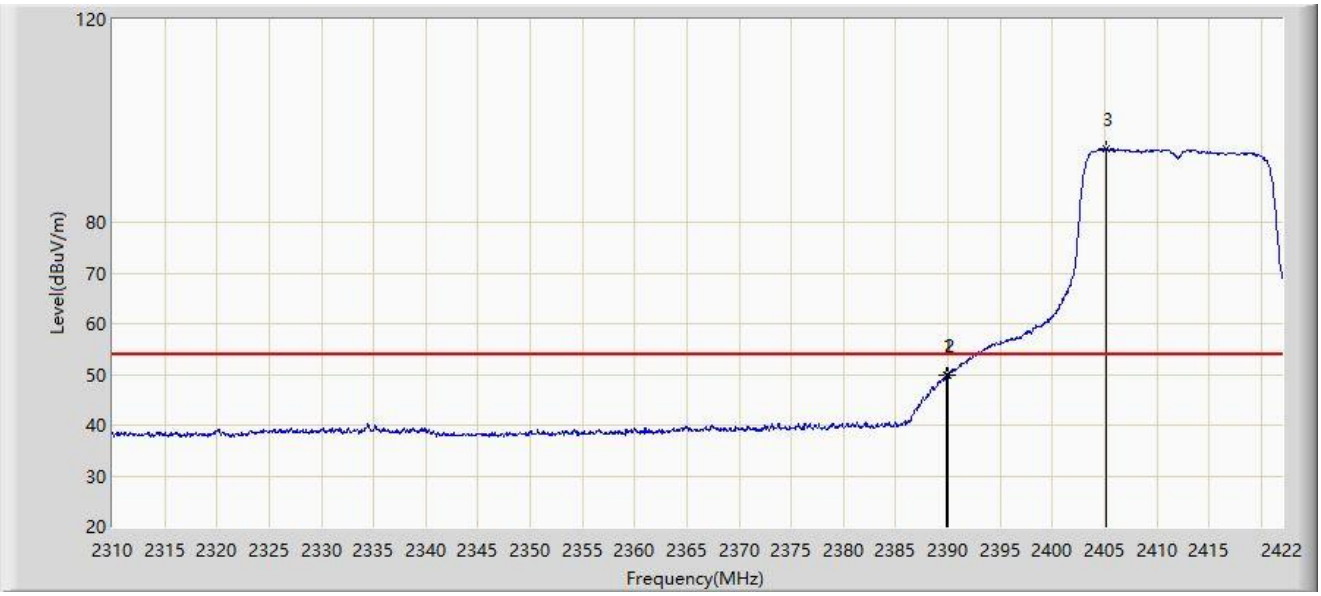


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			2389.016	65.323	32.912	-8.677	74.000	32.411	PK
2			2390.000	64.734	32.330	-9.266	74.000	32.404	PK
3		*	2407.216	102.369	70.011	N/A	N/A	32.358	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:26
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11n-HT20	

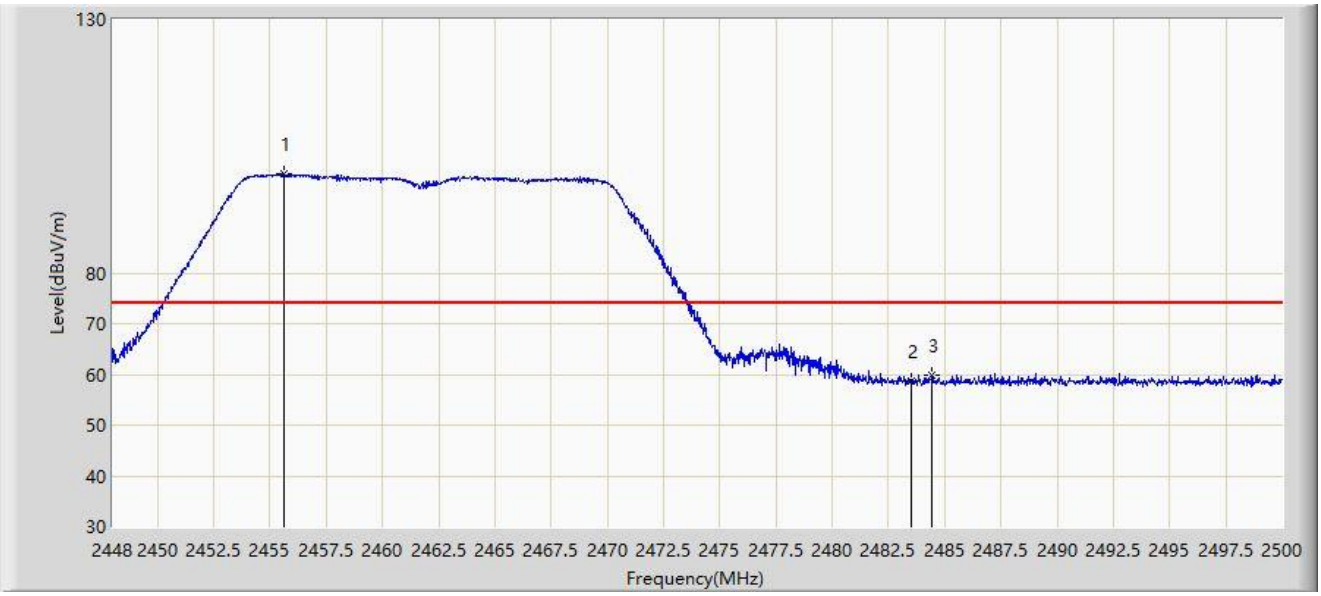


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.800	49.999	17.593	-4.001	54.000	32.406	AV
2			2390.000	49.834	17.430	-4.166	54.000	32.404	AV
3		*	2405.200	94.438	62.077	N/A	N/A	32.361	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 11:37
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11n-HT20	

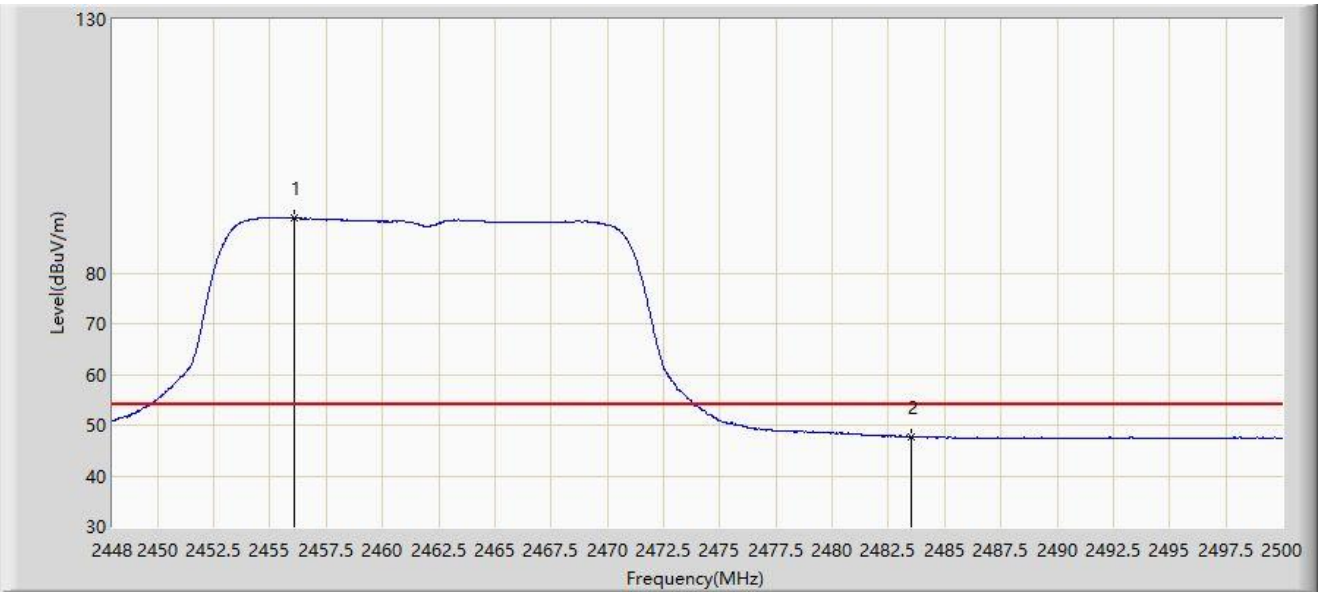


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2455.592	99.454	67.153	N/A	N/A	32.301	PK
2			2483.500	58.702	26.507	-15.298	74.000	32.195	PK
3			2484.452	59.762	27.564	-14.238	74.000	32.198	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 11:31
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11n-HT20	

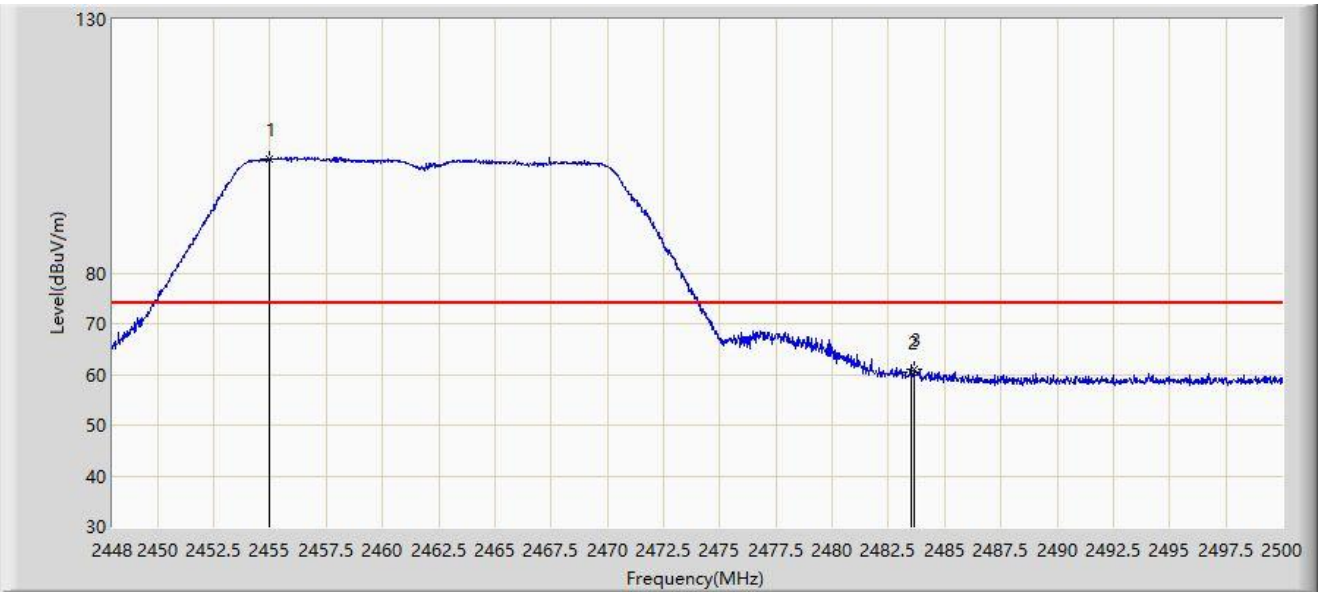


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	2456.060	90.742	58.443	N/A	N/A	32.299	AV
2			2483.500	47.733	15.538	-6.267	54.000	32.195	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 11:39
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11n-HT20	

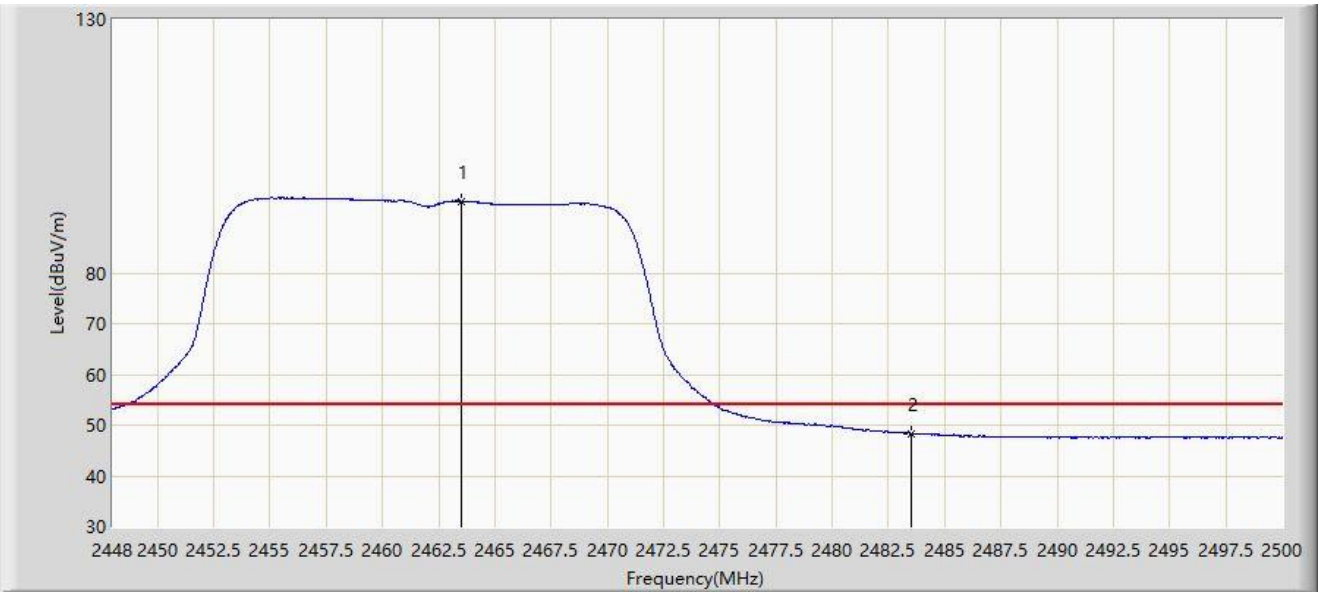


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	2454.942	102.550	70.247	N/A	N/A	32.303	PK
2			2483.500	60.517	28.322	-13.483	74.000	32.195	PK
3			2483.620	61.149	28.953	-12.851	74.000	32.196	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 11:42
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2462MHz by 802.11n-HT20	

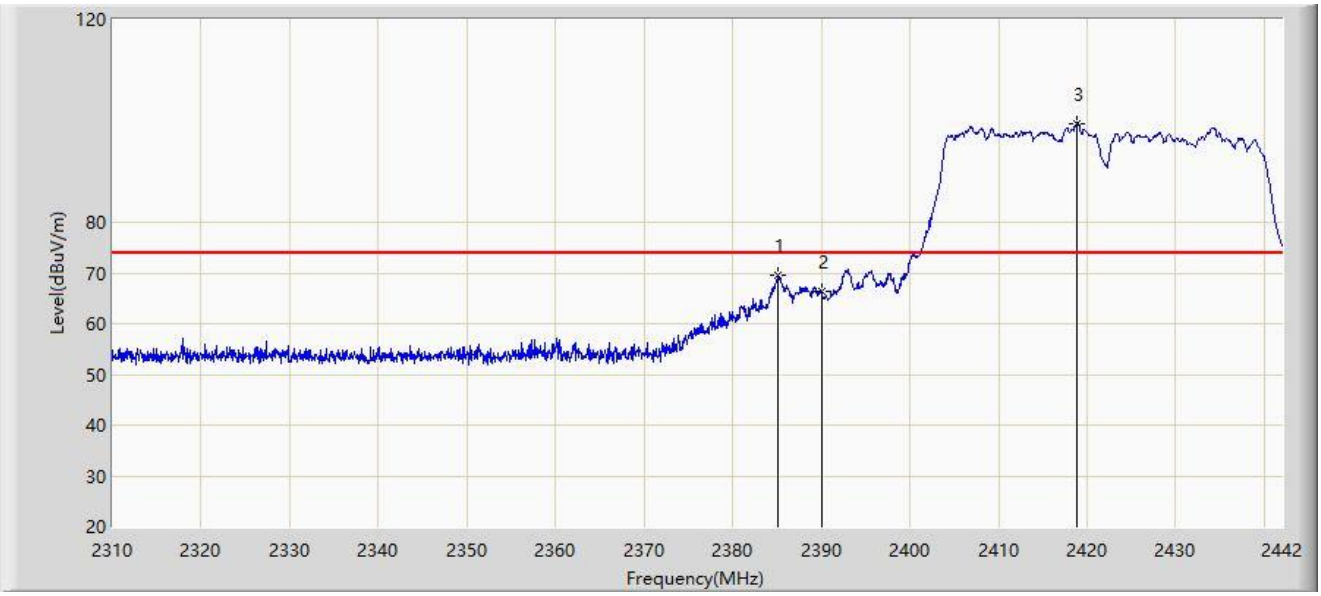


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	2463.496	94.168	61.897	N/A	N/A	32.272	AV
2			2483.500	48.308	16.113	-5.692	54.000	32.195	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:31
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2422MHz by 802.11n-HT40	

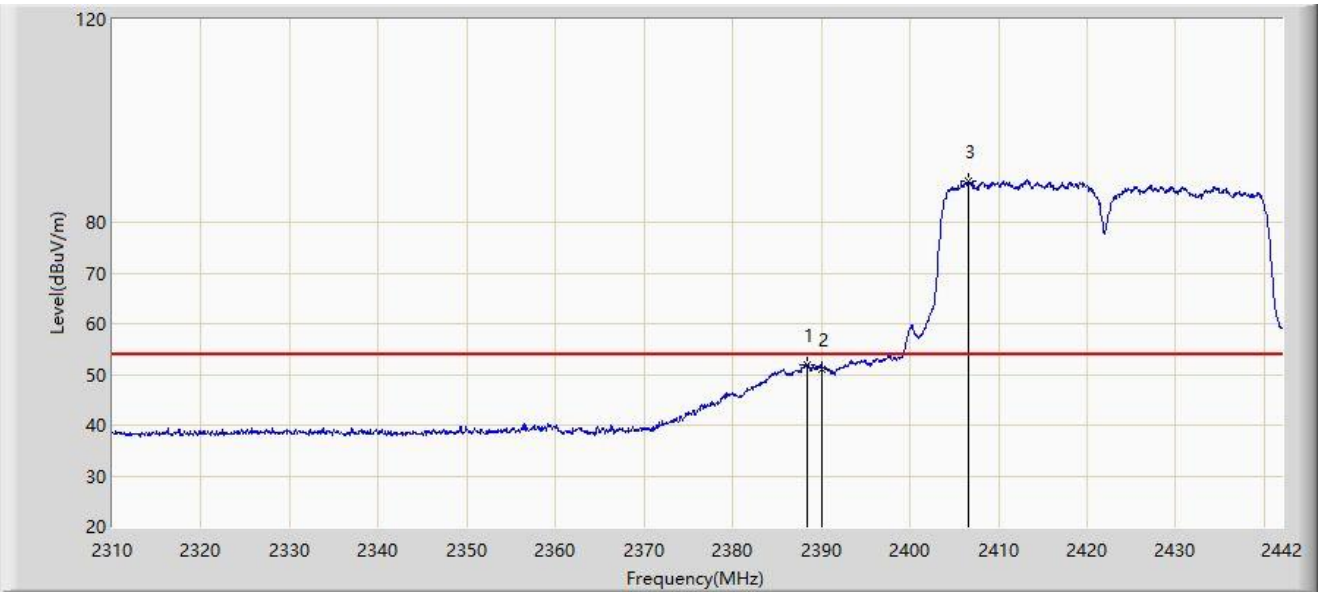


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			2385.174	69.639	37.203	-4.361	74.000	32.437	PK
2			2390.000	66.313	33.909	-7.687	74.000	32.404	PK
3		*	2418.768	99.387	67.034	N/A	N/A	32.354	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:36
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2422MHz by 802.11n-HT40	

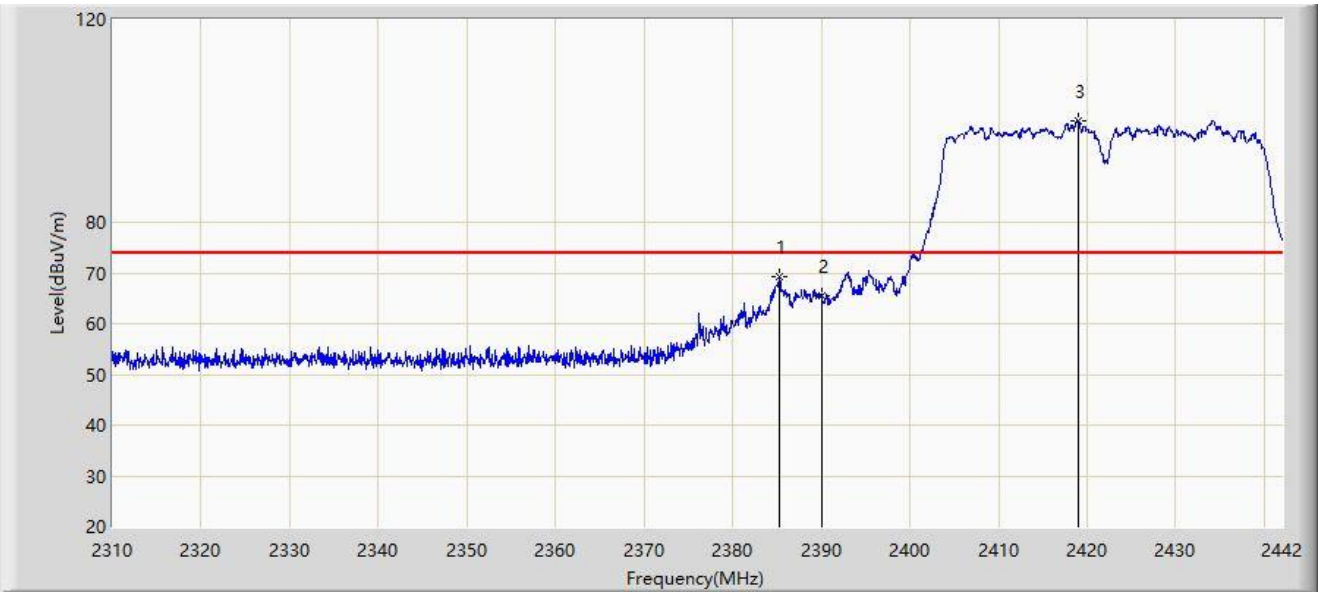


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			2388.408	51.992	19.577	-2.008	54.000	32.415	AV
2			2390.000	51.092	18.688	-2.908	54.000	32.404	AV
3		*	2406.624	88.023	55.664	N/A	N/A	32.359	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:38
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2422MHz by 802.11n-HT40	

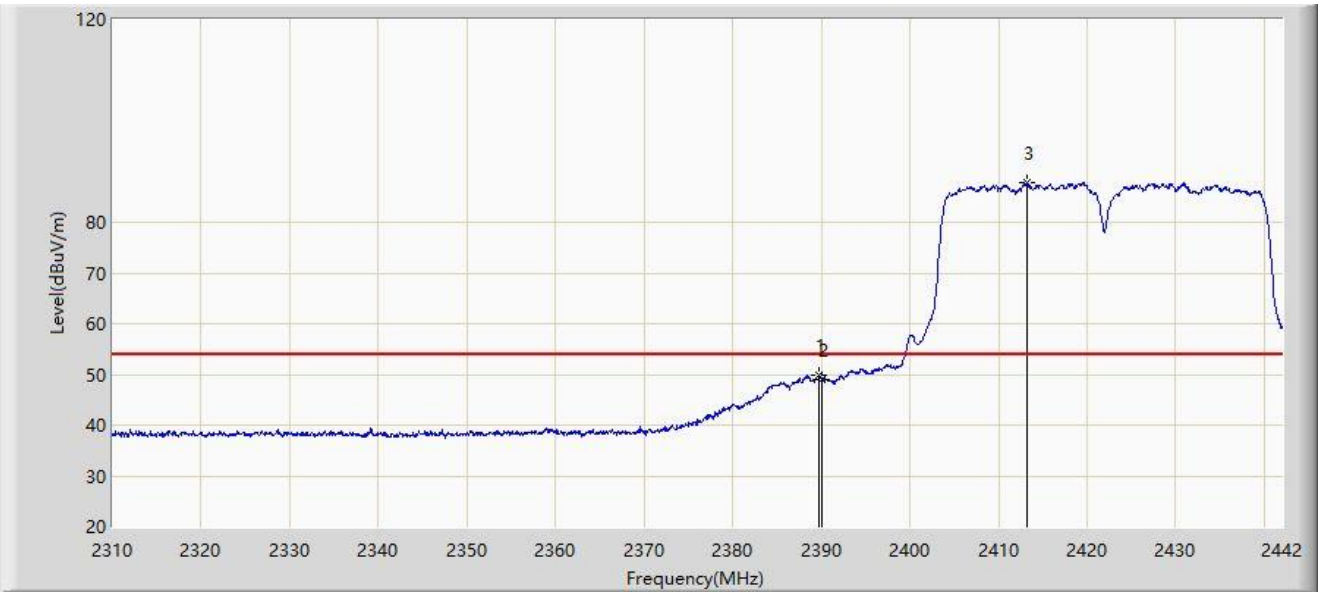


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			2385.306	69.345	36.910	-4.655	74.000	32.435	PK
2			2390.000	65.504	33.100	-8.496	74.000	32.404	PK
3		*	2418.966	100.121	67.768	N/A	N/A	32.353	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/07 - 11:40
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2422MHz by 802.11n-HT40	

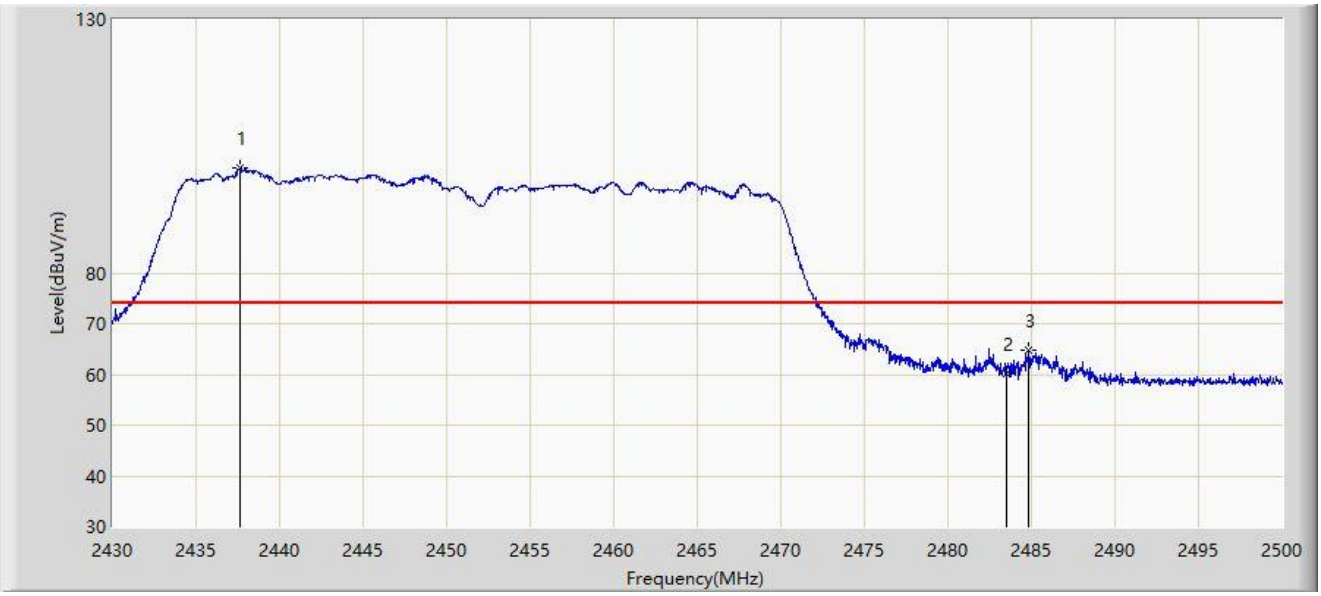


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.728	49.819	17.413	-4.181	54.000	32.406	AV
2			2390.000	49.038	16.634	-4.962	54.000	32.404	AV
3		*	2413.158	87.737	55.385	N/A	N/A	32.353	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 13:49
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2452MHz by 802.11n-HT40	

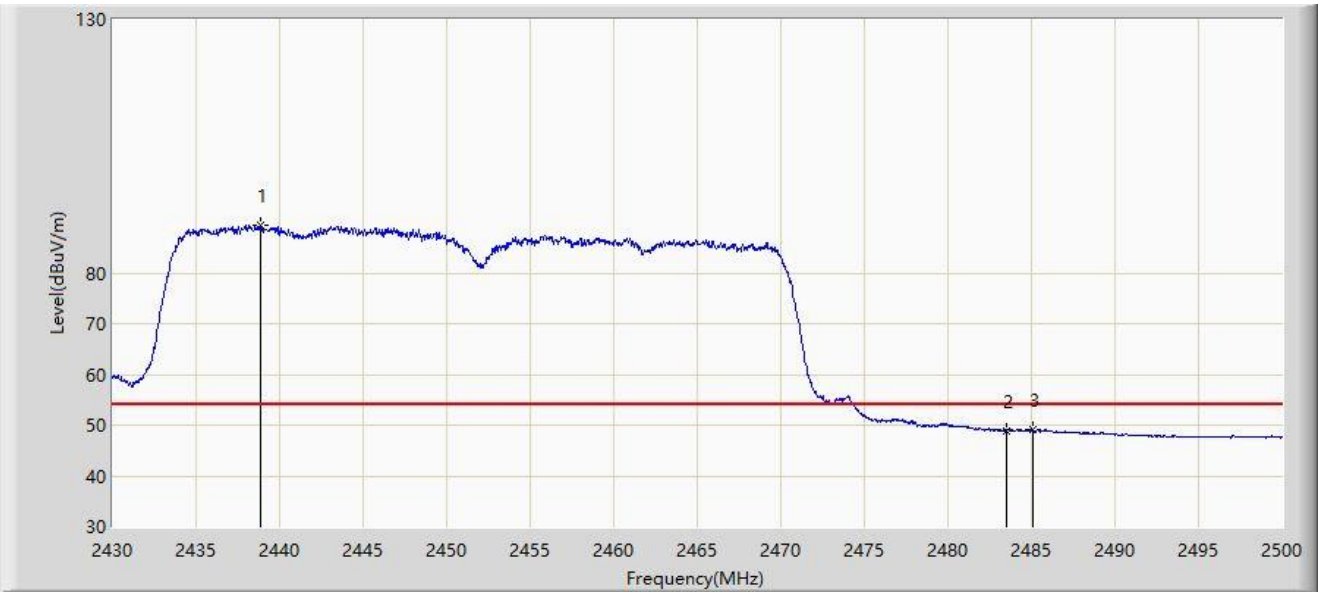


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2437.595	100.746	68.402	N/A	N/A	32.343	PK
2			2483.500	60.273	28.078	-13.727	74.000	32.195	PK
3			2484.845	64.649	32.450	-9.351	74.000	32.198	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 13:52
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2452MHz by 802.11n-HT40	

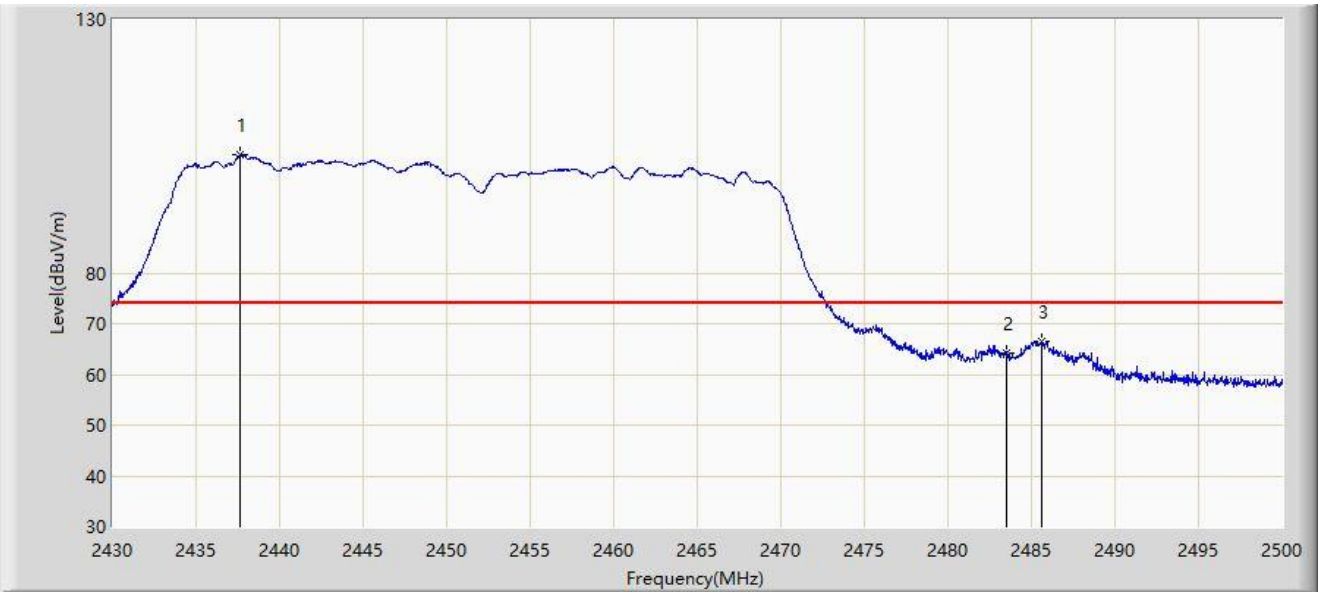


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2438.890	89.402	57.060	N/A	N/A	32.342	AV
2			2483.500	48.954	16.759	-5.046	54.000	32.195	AV
3			2485.055	49.204	17.005	-4.796	54.000	32.199	AV

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 13:49
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2452MHz by 802.11n-HT40	

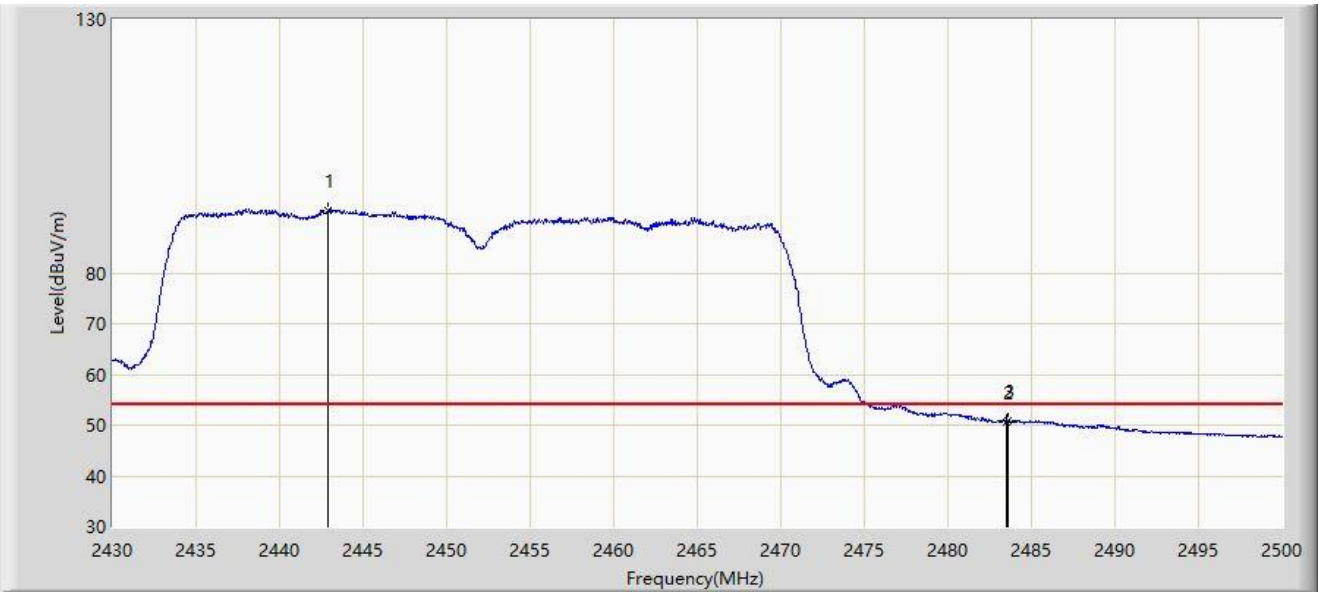


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2437.630	103.295	70.951	N/A	N/A	32.343	PK
2			2483.500	64.278	32.083	-9.722	74.000	32.195	PK
3			2485.615	66.559	34.358	-7.441	74.000	32.201	PK

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

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

Site: SIP-AC2	Test Date: 2022/05/06 - 13:42
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Allen Zou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2452MHz by 802.11n-HT40	



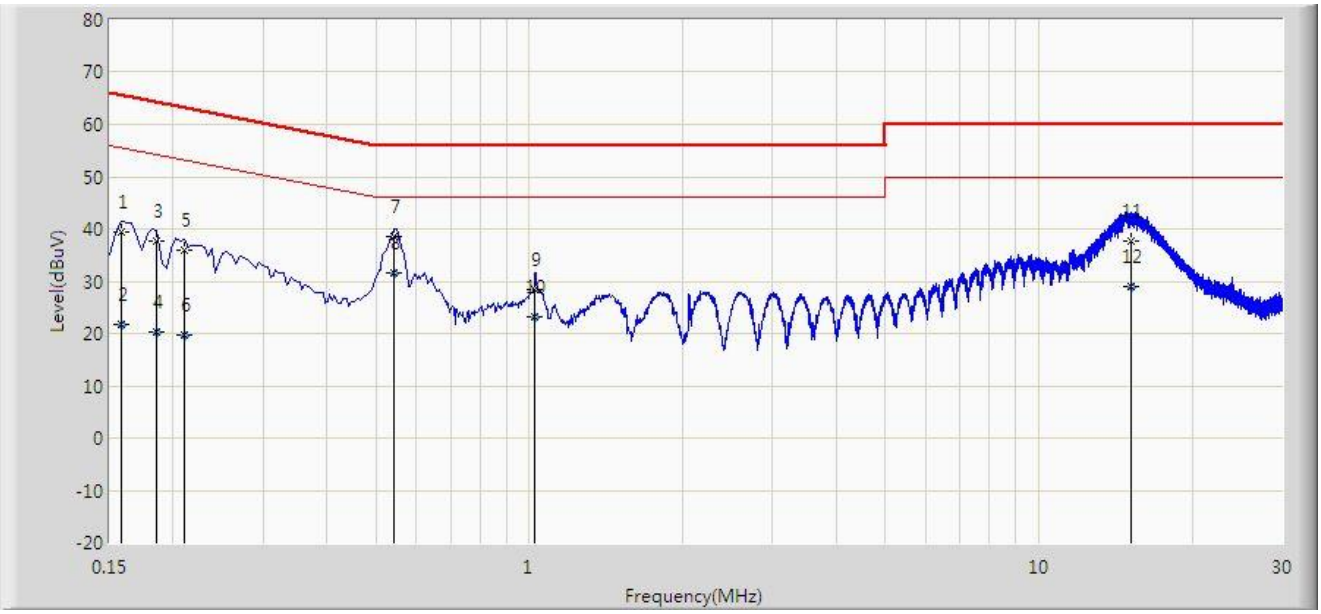
No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	2442.915	92.269	59.932	N/A	N/A	32.338	AV
2			2483.500	50.683	18.488	-3.317	54.000	32.195	AV
3			2483.620	50.886	18.690	-3.114	54.000	32.196	AV

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

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

A.8 AC Conducted Emissions Test Result

Site: SIP-SR2	Test Date: 2022/05/11 - 14:00
Limit: FCC_Part15.207_CE_AC Power	Engineer: Augleo Wang
Probe: SIP-SR2-ENV216_101684_E	Polarity: Line
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11b	



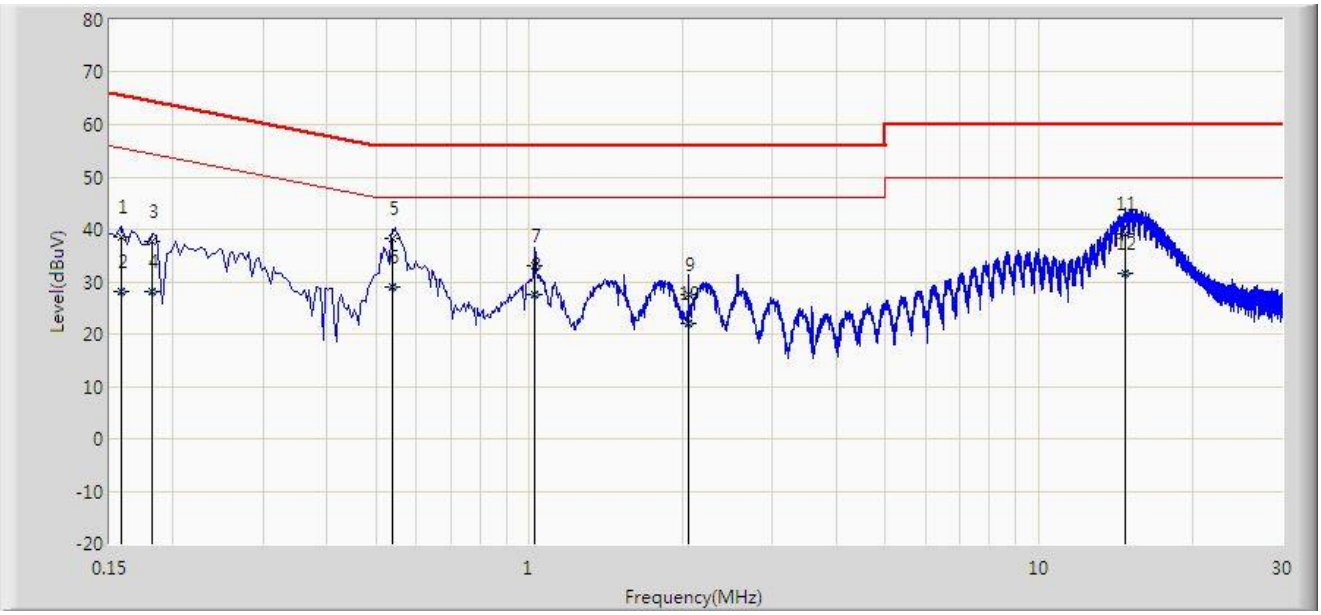
No	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		0.158	39.524	29.789	-26.044	65.568	9.735	QP
2		0.158	21.861	12.126	-33.708	55.568	9.735	AV
3		0.186	37.746	28.003	-26.467	64.213	9.743	QP
4		0.186	20.243	10.500	-33.970	54.213	9.743	AV
5		0.210	35.813	26.037	-27.393	63.205	9.776	QP
6		0.210	19.796	10.020	-33.409	53.205	9.776	AV
7		0.543	38.629	28.800	-17.371	56.000	9.829	QP
8	*	0.543	31.629	21.800	-14.371	46.000	9.829	AV
9		1.026	28.311	18.459	-27.689	56.000	9.852	QP
10		1.026	23.216	13.364	-22.784	46.000	9.852	AV
11		15.150	37.562	25.559	-22.438	60.000	12.003	QP
12		15.150	29.117	17.114	-20.883	50.000	12.003	AV

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

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: SIP-SR2	Test Date: 2022/05/11 - 14:11
Limit: FCC_Part15.207_CE_AC Power	Engineer: Augleo Wang
Probe: SIP-SR2-ENV216_101684_E	Polarity: Neutral
EUT: WIFI Backlights with Camera	Power: AC 120V/60Hz
Test Mode: Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		0.158	38.566	28.828	-27.003	65.568	9.738	QP
2		0.158	28.175	18.437	-27.393	55.568	9.738	AV
3		0.182	37.677	27.941	-26.717	64.394	9.736	QP
4		0.182	28.120	18.383	-26.274	54.394	9.736	AV
5		0.539	38.222	28.400	-17.778	56.000	9.822	QP
6	*	0.539	29.122	19.300	-16.878	46.000	9.822	AV
7		1.026	32.954	23.103	-23.046	56.000	9.852	QP
8		1.026	27.613	17.761	-18.387	46.000	9.852	AV
9		2.054	27.494	17.550	-28.506	56.000	9.943	QP
10		2.054	22.152	12.209	-23.848	46.000	9.943	AV
11		14.738	39.137	27.248	-20.863	60.000	11.889	QP
12		14.738	31.720	19.831	-18.280	50.000	11.889	AV

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

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B - Test Setup Photograph

Refer to “2204RSU060-UT” file.

Appendix C - EUT Photograph

Refer to “2204RSU060-UE” file.

The End