

Test Site	SIP-AC1	Test Engineer	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11a – Channel 173
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.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	49.4	-6.3	43.1	74.0	-30.9	Peak	Horizontal
*	10222.5	49.0	-5.1	43.9	108.2	-64.3	Peak	Horizontal
	11735.5	54.8	-3.9	50.9	74.0	-23.1	Peak	Horizontal
*	13605.5	47.6	-1.1	46.5	108.2	-61.7	Peak	Horizontal
	8361.0	48.8	-5.5	43.3	74.0	-30.7	Peak	Vertical
*	10069.5	48.4	-4.7	43.7	108.2	-64.5	Peak	Vertical
	11735.5	53.0	-3.9	49.1	74.0	-24.9	Peak	Vertical
*	13920.0	47.3	-1.0	46.3	108.2	-61.9	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: 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	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11a – Channel 177
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.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8437.5	49.8	-6.0	43.8	74.0	-30.2	Peak	Horizontal
*	10086.5	49.2	-4.6	44.6	108.2	-63.6	Peak	Horizontal
	11769.5	54.0	-4.0	50.0	74.0	-24.0	Peak	Horizontal
*	13699.0	47.2	-1.1	46.1	108.2	-62.1	Peak	Horizontal
	8259.0	49.4	-5.5	43.9	74.0	-30.1	Peak	Vertical
*	10001.5	48.8	-4.8	44.0	108.2	-64.2	Peak	Vertical
	11769.5	54.4	-4.0	50.4	74.0	-23.6	Peak	Vertical
*	13801.0	46.9	-0.7	46.2	108.2	-62.0	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: 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	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ac-VHT20 – Channel 169
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.		

Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	7579.0	49.3	-6.1	43.2	74.0	-30.8	Peak	Horizontal
*	10001.5	49.4	-4.8	44.6	108.2	-63.6	Peak	Horizontal
	11684.5	55.0	-4.1	50.9	74.0	-23.1	Peak	Horizontal
*	13886.0	47.6	-0.8	46.8	108.2	-61.4	Peak	Horizontal
	8182.5	49.2	-5.8	43.4	74.0	-30.6	Peak	Vertical
*	10086.5	49.3	-4.6	44.7	108.2	-63.5	Peak	Vertical
	11693.0	52.5	-3.9	48.6	74.0	-25.4	Peak	Vertical
*	13784.0	46.7	-0.9	45.8	108.2	-62.4	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	SIP-AC1	Test Engineer	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ac-VHT20 – Channel 173
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.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8327.0	49.2	-5.8	43.4	74.0	-30.6	Peak	Horizontal
*	10197.0	49.0	-4.8	44.2	108.2	-64.0	Peak	Horizontal
	11727.0	53.7	-3.8	49.9	74.0	-24.1	Peak	Horizontal
*	13716.0	47.8	-1.3	46.5	108.2	-61.7	Peak	Horizontal
	8378.0	49.3	-5.5	43.8	74.0	-30.2	Peak	Vertical
*	10078.0	48.4	-4.6	43.8	108.2	-64.4	Peak	Vertical
	11727.0	53.2	-3.8	49.4	74.0	-24.6	Peak	Vertical
*	13996.5	47.9	-0.8	47.1	108.2	-61.1	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: 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	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ac-VHT20 – Channel 177
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.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8208.0	48.5	-5.8	42.7	74.0	-31.3	Peak	Horizontal
*	10120.5	49.5	-4.7	44.8	108.2	-63.4	Peak	Horizontal
	11778.0	53.5	-4.0	49.5	74.0	-24.5	Peak	Horizontal
*	14005.0	47.4	-0.8	46.6	108.2	-61.6	Peak	Horizontal
	8378.0	49.0	-5.5	43.5	74.0	-30.5	Peak	Vertical
*	10001.5	49.1	-4.8	44.3	108.2	-63.9	Peak	Vertical
	11778.0	54.0	-4.0	50.0	74.0	-24.0	Peak	Vertical
*	13869.0	46.4	-0.5	45.9	108.2	-62.3	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: 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	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ac-VHT40 – Channel 167
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.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	47.7	-5.7	42.0	74.0	-32.0	Peak	Horizontal
*	10001.5	48.2	-4.8	43.4	108.2	-64.8	Peak	Horizontal
	11684.5	53.3	-4.1	49.2	74.0	-24.8	Peak	Horizontal
*	17498.5	48.3	5.5	53.8	108.2	-54.4	Peak	Horizontal
	8471.5	49.4	-5.7	43.7	74.0	-30.3	Peak	Vertical
*	10010.0	48.6	-4.6	44.0	108.2	-64.2	Peak	Vertical
	11676.0	51.4	-4.4	47.0	74.0	-27.0	Peak	Vertical
*	17498.5	48.0	5.5	53.5	108.2	-54.7	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: 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	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ac-VHT40 – Channel 175
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.		

Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	8174.0	49.4	-5.9	43.5	74.0	-30.5	Peak	Horizontal
*	10001.5	49.0	-4.8	44.2	108.2	-64.0	Peak	Horizontal
	11735.5	51.9	-3.9	48.0	74.0	-26.0	Peak	Horizontal
*	17634.5	45.5	5.5	51.0	108.2	-57.2	Peak	Horizontal
	8208.0	49.1	-5.8	43.3	74.0	-30.7	Peak	Vertical
	11752.5	52.4	-4.0	48.4	74.0	-25.6	Peak	Vertical
*	13971.0	47.1	-1.0	46.1	108.2	-62.1	Peak	Vertical
*	17660.0	47.7	4.3	52.0	108.2	-56.2	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	SIP-AC1	Test Engineer	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ac-VHT80 – Channel 171
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.		

Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	8369.5	48.5	-5.5	43.0	74.0	-31.0	Peak	Horizontal
	11735.5	53.6	-3.9	49.7	74.0	-24.3	Peak	Horizontal
*	13971.0	46.9	-1.0	45.9	108.2	-62.3	Peak	Horizontal
*	17558.0	44.9	6.0	50.9	108.2	-57.3	Peak	Horizontal
	8276.0	48.6	-5.4	43.2	74.0	-30.8	Peak	Vertical
*	10214.0	48.3	-4.7	43.6	108.2	-64.6	Peak	Vertical
	11718.5	50.8	-3.9	46.9	74.0	-27.1	Peak	Vertical
*	13792.5	46.7	-0.8	45.9	108.2	-62.3	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Test Site	SIP-AC1	Test Engineer	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ax-HE20 – Channel 169
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.		

Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	8420.5	48.6	-5.8	42.8	74.0	-31.2	Peak	Horizontal
*	10205.5	48.2	-4.7	43.5	108.2	-64.7	Peak	Horizontal
	11693.0	53.0	-3.9	49.1	74.0	-24.9	Peak	Horizontal
*	13605.5	46.9	-1.1	45.8	108.2	-62.4	Peak	Horizontal
	8301.5	49.5	-5.7	43.8	74.0	-30.2	Peak	Vertical
*	10290.5	48.9	-4.9	44.0	108.2	-64.2	Peak	Vertical
	11684.5	54.7	-4.1	50.6	74.0	-23.4	Peak	Vertical
*	13614.0	46.8	-0.8	46.0	108.2	-62.2	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	SIP-AC1	Test Engineer	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ax-HE20 – Channel 173
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.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8293.0	48.0	-5.7	42.3	74.0	-31.7	Peak	Horizontal
*	9916.5	48.6	-4.8	43.8	108.2	-64.4	Peak	Horizontal
	11727.0	52.4	-3.8	48.6	74.0	-25.4	Peak	Horizontal
*	13971.0	46.5	-1.0	45.5	108.2	-62.7	Peak	Horizontal
	8165.5	47.1	-5.8	41.3	74.0	-32.7	Peak	Vertical
*	10129.0	49.2	-4.6	44.6	108.2	-63.6	Peak	Vertical
	11735.5	53.3	-3.9	49.4	74.0	-24.6	Peak	Vertical
*	13979.5	46.5	-0.9	45.6	108.2	-62.6	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: 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	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ax-HE20 – Channel 177
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.		

Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	8242.0	48.3	-5.7	42.6	74.0	-31.4	Peak	Horizontal
*	10231.0	49.0	-5.4	43.6	108.2	-64.6	Peak	Horizontal
	11778.0	52.9	-4.0	48.9	74.0	-25.1	Peak	Horizontal
*	13962.5	46.9	-1.1	45.8	108.2	-62.4	Peak	Horizontal
	8148.5	48.7	-5.9	42.8	74.0	-31.2	Peak	Vertical
*	9916.5	48.7	-4.8	43.9	108.2	-64.3	Peak	Vertical
	11769.5	53.2	-4.0	49.2	74.0	-24.8	Peak	Vertical
*	13716.0	47.2	-1.3	45.9	108.2	-62.3	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	SIP-AC1	Test Engineer	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ax-HE40 – Channel 167
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.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	49.3	-5.4	43.9	74.0	-30.1	Peak	Horizontal
*	9738.0	49.6	-5.0	44.6	108.2	-63.6	Peak	Horizontal
	11684.5	52.8	-4.1	48.7	74.0	-25.3	Peak	Horizontal
*	17498.5	46.6	5.5	52.1	108.2	-56.1	Peak	Horizontal
	8420.5	49.2	-5.8	43.4	74.0	-30.6	Peak	Vertical
	11693.0	51.1	-3.9	47.2	74.0	-26.8	Peak	Vertical
*	13214.5	48.4	-2.6	45.8	108.2	-62.4	Peak	Vertical
*	17498.5	50.2	5.5	55.7	108.2	-52.5	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: 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	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ax-HE40 – Channel 175
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.		

Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	8165.5	49.3	-5.8	43.5	74.0	-30.5	Peak	Horizontal
*	10078.0	49.1	-4.6	44.5	108.2	-63.7	Peak	Horizontal
	11744.0	51.9	-4.0	47.9	74.0	-26.1	Peak	Horizontal
*	17617.5	47.7	5.6	53.3	108.2	-54.9	Peak	Horizontal
	8361.0	48.7	-5.5	43.2	74.0	-30.8	Peak	Vertical
	11752.5	52.7	-4.0	48.7	74.0	-25.3	Peak	Vertical
*	13622.5	47.7	-1.3	46.4	108.2	-61.8	Peak	Vertical
*	17626.0	46.3	5.5	51.8	108.2	-56.4	Peak	Vertical

Note 1: "\*" is not in restricted band.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	SIP-AC1	Test Engineer	Yien Qian
Test Date	2022-12-15 ~ 2022-12-16	Test Mode	802.11ax-HE80 – Channel 171
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.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8233.5	49.1	-5.7	43.4	74.0	-30.6	Peak	Horizontal
*	10001.5	50.2	-4.8	45.4	108.2	-62.8	Peak	Horizontal
	11735.5	50.9	-3.9	47.0	74.0	-27.0	Peak	Horizontal
*	13988.0	47.0	-0.8	46.2	108.2	-62.0	Peak	Horizontal
*	10086.5	48.6	-4.6	44.0	108.2	-64.2	Peak	Vertical
	11744.0	49.6	-4.0	45.6	74.0	-28.4	Peak	Vertical
*	13954.0	48.3	-1.1	47.2	108.2	-61.0	Peak	Vertical
	15637.0	45.8	2.1	47.9	74.0	-26.1	Peak	Vertical

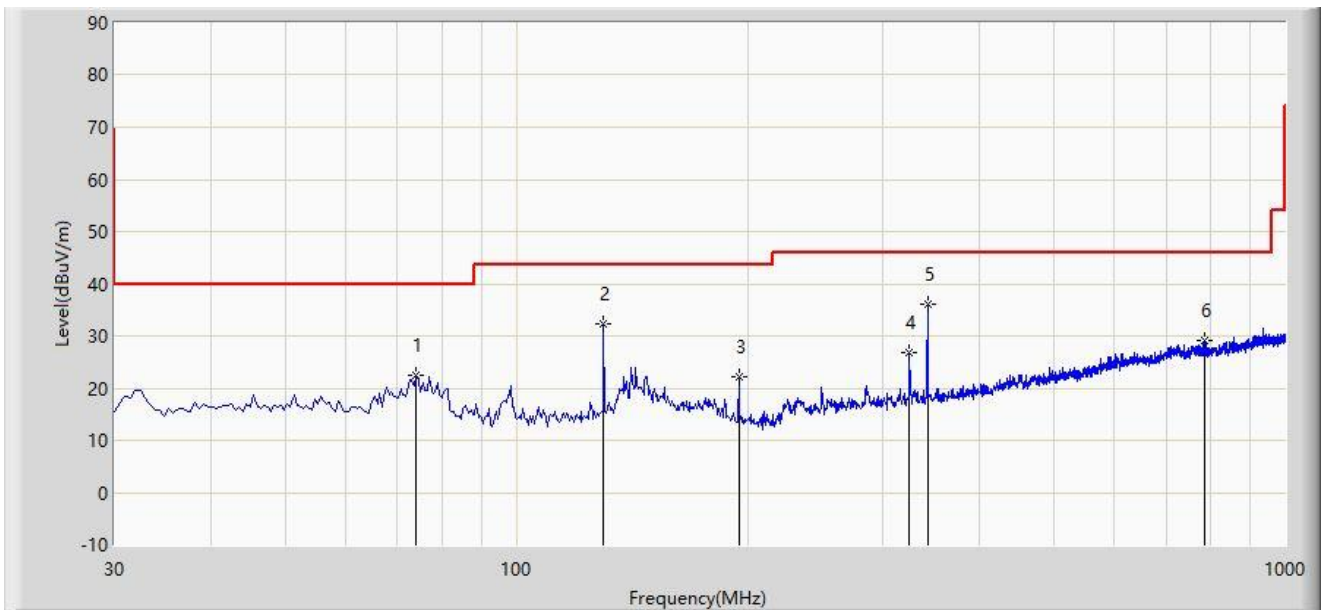
Note 1: "\*" is not in restricted band.

Note 2: 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: SIP-AC2	Test Date: 2022-12-15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yien Qian
Probe: VULB 9168_00999_25-2000MHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5835MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		74.135	22.447	6.416	-17.553	40.000	16.031	PK
2		129.910	32.203	15.733	-11.297	43.500	16.470	PK
3		194.900	22.268	7.001	-21.232	43.500	15.267	PK
4		324.880	26.879	7.493	-19.121	46.000	19.386	PK
5	*	342.825	36.138	16.378	-9.862	46.000	19.760	PK
6		785.630	29.140	0.437	-16.860	46.000	28.703	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

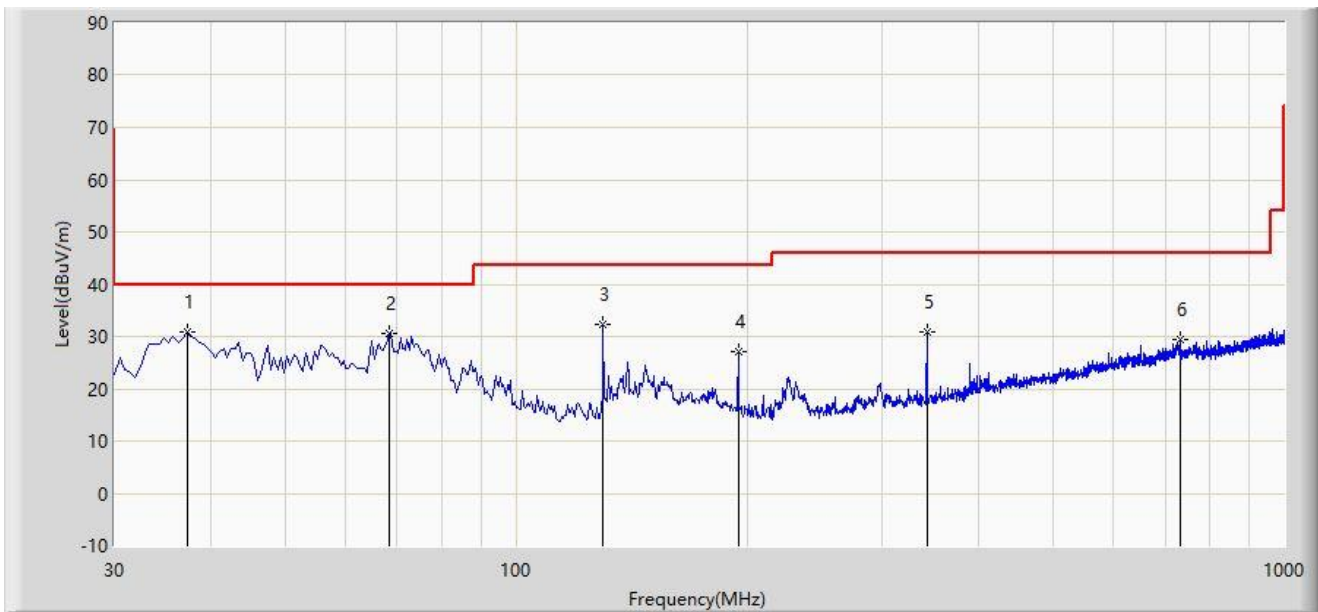
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) 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: 2022-12-15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yien Qian
Probe: VULB 9168_00999_25-2000MHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5835MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	37.275	30.927	13.509	-9.073	40.000	17.418	PK
2		68.315	30.674	13.625	-9.326	40.000	17.048	PK
3		129.910	32.399	15.929	-11.101	43.500	16.470	PK
4		194.900	27.216	11.949	-16.284	43.500	15.267	PK
5		342.825	30.978	11.218	-15.022	46.000	19.760	PK
6		733.250	29.492	1.412	-16.508	46.000	28.080	PK

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

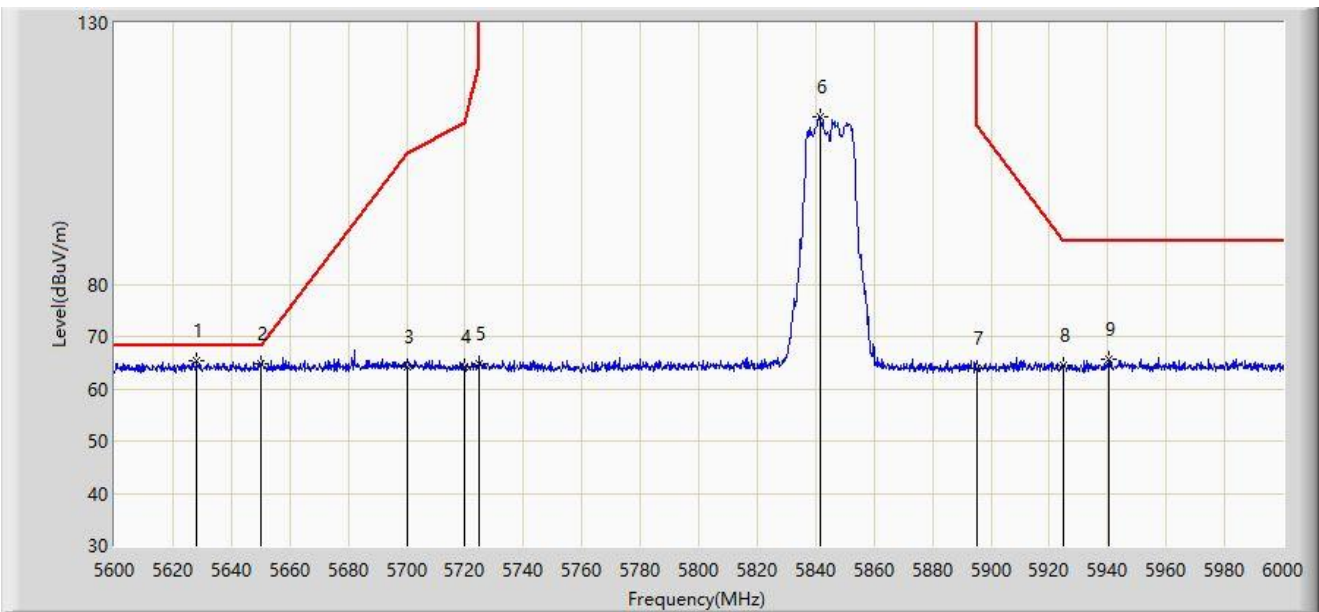
Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.



### A.8 Radiated Restricted Band Edge Test Result

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5628.200	65.311	73.379	-2.889	68.200	-8.068	PK
2		5650.000	64.751	72.856	-3.449	68.200	-8.105	PK
3		5700.000	64.248	72.143	-40.952	105.200	-7.895	PK
4		5720.000	64.335	72.330	-46.465	110.800	-7.996	PK
5		5725.000	64.804	72.785	-57.396	122.200	-7.982	PK
6		5841.600	112.158	120.040	N/A	N/A	-7.881	PK
7		5895.000	64.004	71.955	-46.196	110.200	-7.951	PK
8		5925.000	64.421	72.458	-23.779	88.200	-8.038	PK
9		5940.200	65.565	73.435	-22.635	88.200	-7.870	PK

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

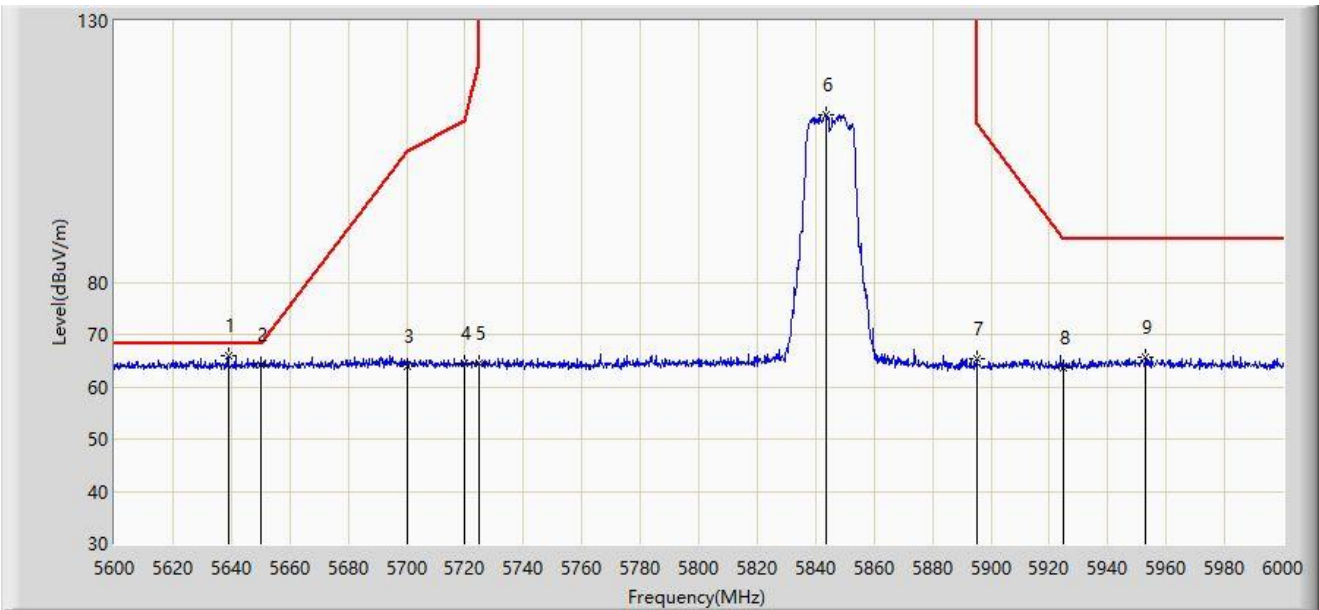
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5639.000	65.828	73.937	-2.372	68.200	-8.109	PK
2		5650.000	64.197	72.302	-4.003	68.200	-8.105	PK
3		5700.000	63.875	71.770	-41.325	105.200	-7.895	PK
4		5720.000	64.470	72.465	-46.330	110.800	-7.996	PK
5		5725.000	64.531	72.512	-57.669	122.200	-7.982	PK
6		5843.600	111.937	119.815	N/A	N/A	-7.878	PK
7		5895.000	65.480	73.431	-44.720	110.200	-7.951	PK
8		5925.000	63.515	71.552	-24.685	88.200	-8.038	PK
9		5953.000	65.574	73.349	-22.626	88.200	-7.776	PK

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

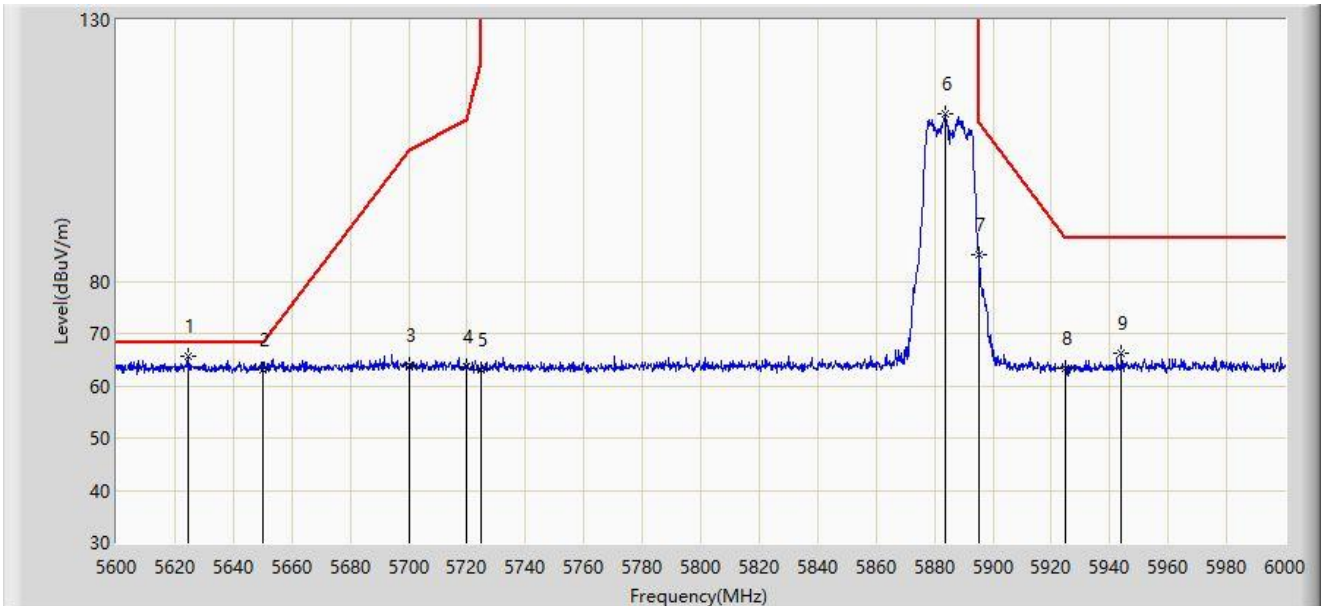
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5885MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5624.400	65.728	73.781	-2.472	68.200	-8.054	PK
2		5650.000	62.984	71.089	-5.216	68.200	-8.105	PK
3		5700.000	63.786	71.681	-41.414	105.200	-7.895	PK
4		5720.000	63.516	71.511	-47.284	110.800	-7.996	PK
5		5725.000	62.989	70.970	-59.211	122.200	-7.982	PK
6		5883.600	111.920	119.842	N/A	N/A	-7.921	PK
7		5895.000	84.963	92.914	-25.237	110.200	-7.951	PK
8		5925.000	63.369	71.406	-24.831	88.200	-8.038	PK
9		5944.000	66.115	73.893	-22.085	88.200	-7.779	PK

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

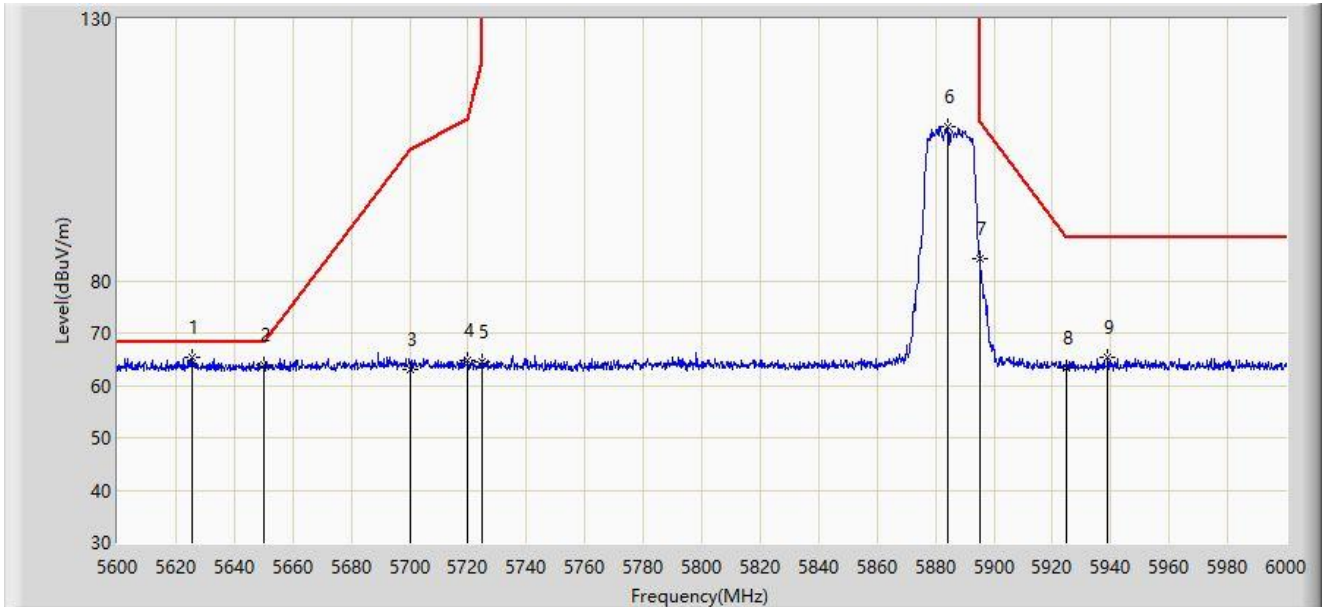
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5885MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5625.400	65.466	73.523	-2.734	68.200	-8.057	PK
2		5650.000	63.784	71.889	-4.416	68.200	-8.105	PK
3		5700.000	63.049	70.944	-42.151	105.200	-7.895	PK
4		5720.000	64.857	72.852	-45.943	110.800	-7.996	PK
5		5725.000	64.357	72.338	-57.843	122.200	-7.982	PK
6		5884.400	109.435	117.359	N/A	N/A	-7.924	PK
7		5895.000	84.179	92.130	-26.021	110.200	-7.951	PK
8		5925.000	63.468	71.505	-24.732	88.200	-8.038	PK
9		5938.800	65.280	73.184	-22.920	88.200	-7.904	PK

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

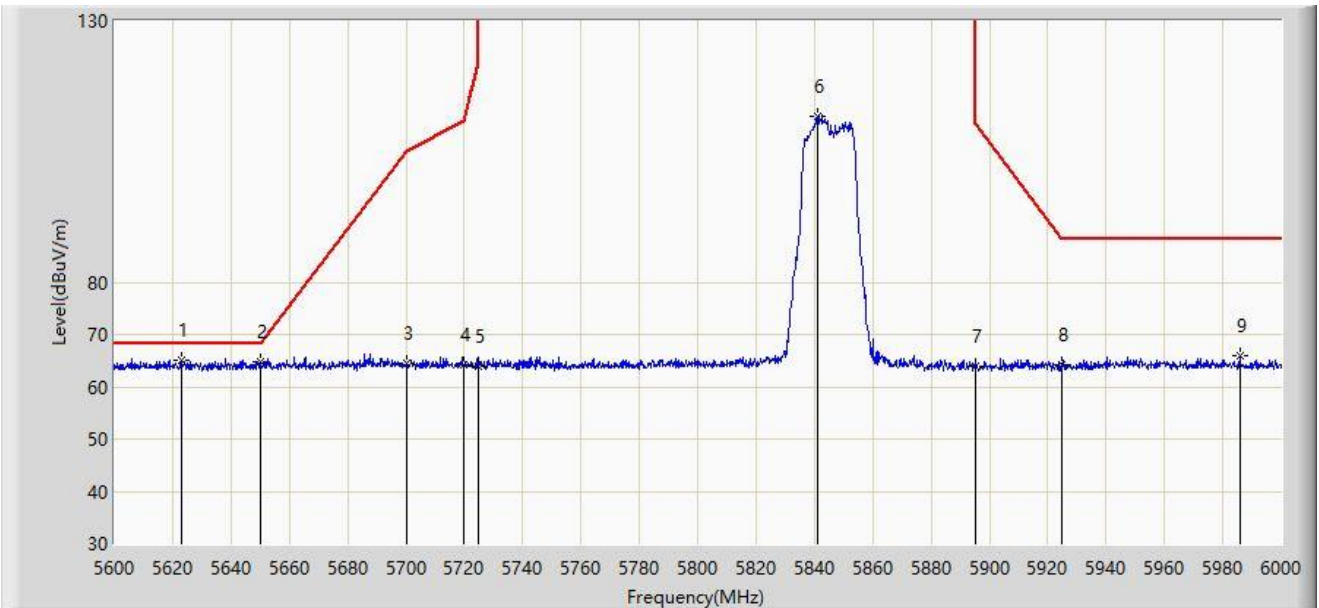
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5623.000	65.144	73.205	-3.056	68.200	-8.061	PK
2		5650.000	64.668	72.773	-3.532	68.200	-8.105	PK
3		5700.000	64.362	72.257	-40.838	105.200	-7.895	PK
4		5720.000	64.215	72.210	-46.585	110.800	-7.996	PK
5		5725.000	63.894	71.875	-58.306	122.200	-7.982	PK
6		5841.000	111.609	119.492	N/A	N/A	-7.882	PK
7		5895.000	64.017	71.968	-46.183	110.200	-7.951	PK
8		5925.000	64.325	72.362	-23.875	88.200	-8.038	PK
9		5985.800	65.909	73.770	-22.291	88.200	-7.861	PK

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

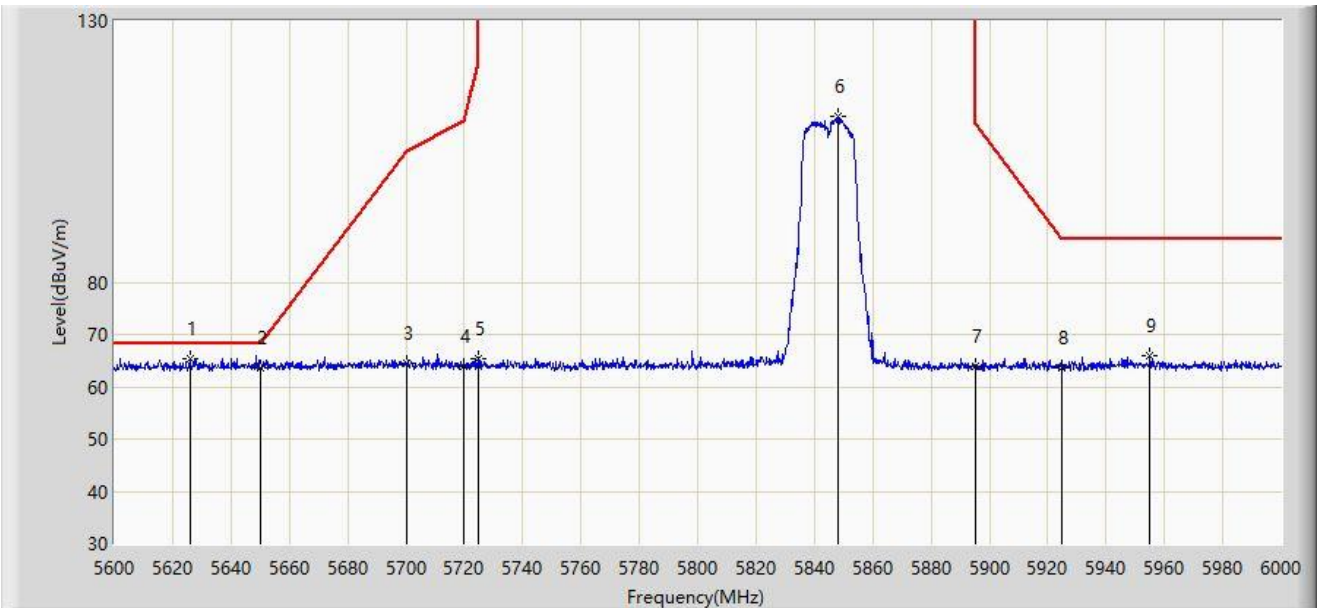
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5626.000	65.357	73.417	-2.843	68.200	-8.059	PK
2		5650.000	63.560	71.665	-4.640	68.200	-8.105	PK
3		5700.000	64.365	72.260	-40.835	105.200	-7.895	PK
4		5720.000	63.776	71.771	-47.024	110.800	-7.996	PK
5		5725.000	65.273	73.254	-56.927	122.200	-7.982	PK
6		5848.000	111.875	119.757	N/A	N/A	-7.882	PK
7		5895.000	63.875	71.826	-46.325	110.200	-7.951	PK
8		5925.000	63.723	71.760	-24.477	88.200	-8.038	PK
9		5955.000	66.064	73.862	-22.136	88.200	-7.799	PK

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

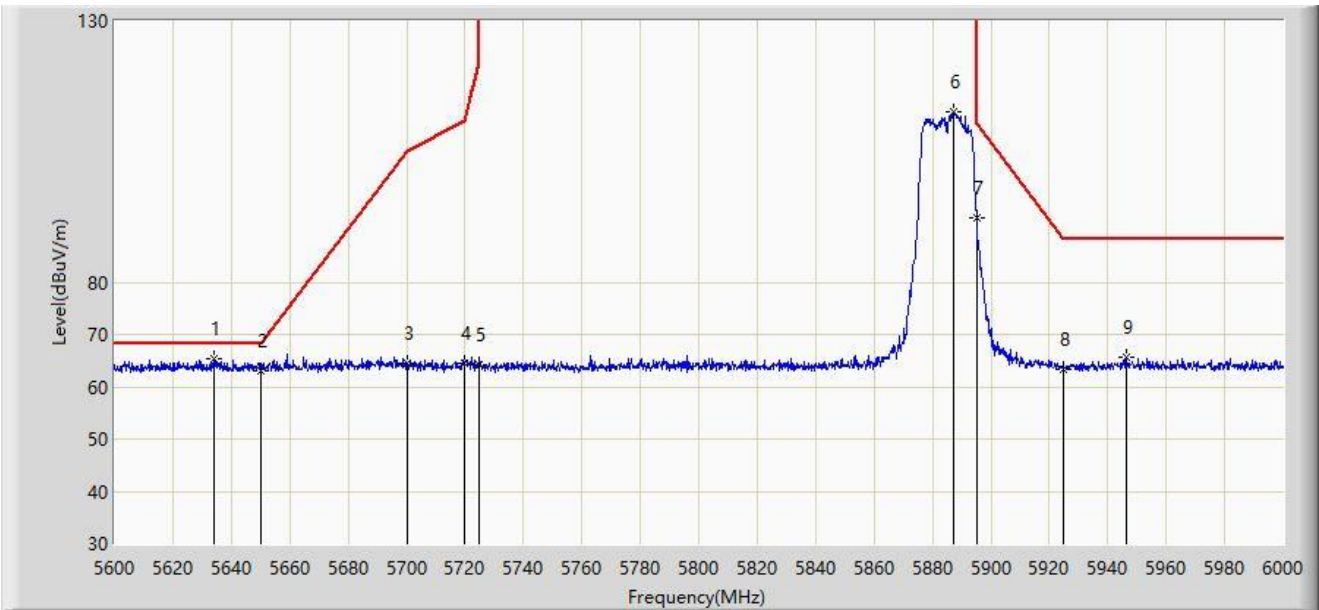
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5885MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5634.000	65.441	73.531	-2.759	68.200	-8.090	PK
2		5650.000	63.075	71.180	-5.125	68.200	-8.105	PK
3		5700.000	64.397	72.292	-40.803	105.200	-7.895	PK
4		5720.000	64.581	72.576	-46.219	110.800	-7.996	PK
5		5725.000	64.151	72.132	-58.049	122.200	-7.982	PK
6		5887.000	112.531	120.461	N/A	N/A	-7.930	PK
7		5895.000	92.199	100.150	-18.001	110.200	-7.951	PK
8		5925.000	63.377	71.414	-24.823	88.200	-8.038	PK
9		5946.200	65.600	73.325	-22.600	88.200	-7.725	PK

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

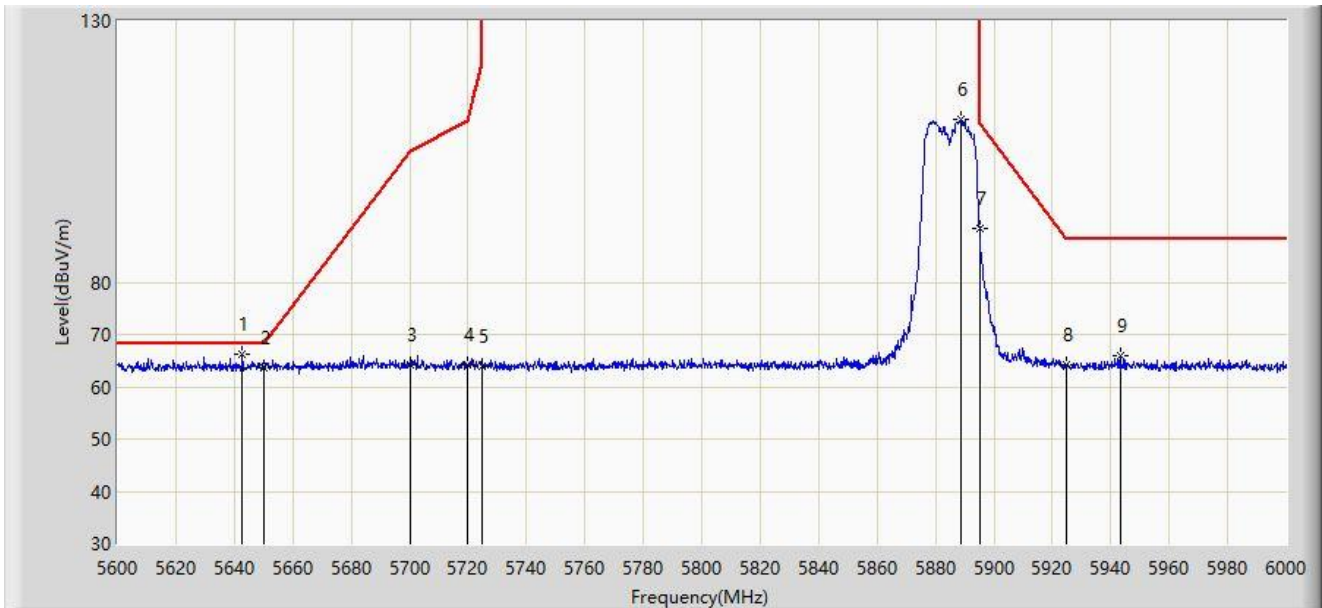
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5885MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5642.800	66.285	74.399	-1.915	68.200	-8.114	PK
2		5650.000	63.742	71.847	-4.458	68.200	-8.105	PK
3		5700.000	64.310	72.205	-40.890	105.200	-7.895	PK
4		5720.000	64.077	72.072	-46.723	110.800	-7.996	PK
5		5725.000	63.994	71.975	-58.206	122.200	-7.982	PK
6		5888.800	111.212	119.147	N/A	N/A	-7.935	PK
7		5895.000	90.413	98.364	-19.787	110.200	-7.951	PK
8		5925.000	64.292	72.329	-23.908	88.200	-8.038	PK
9		5943.200	65.892	73.689	-22.308	88.200	-7.797	PK

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

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

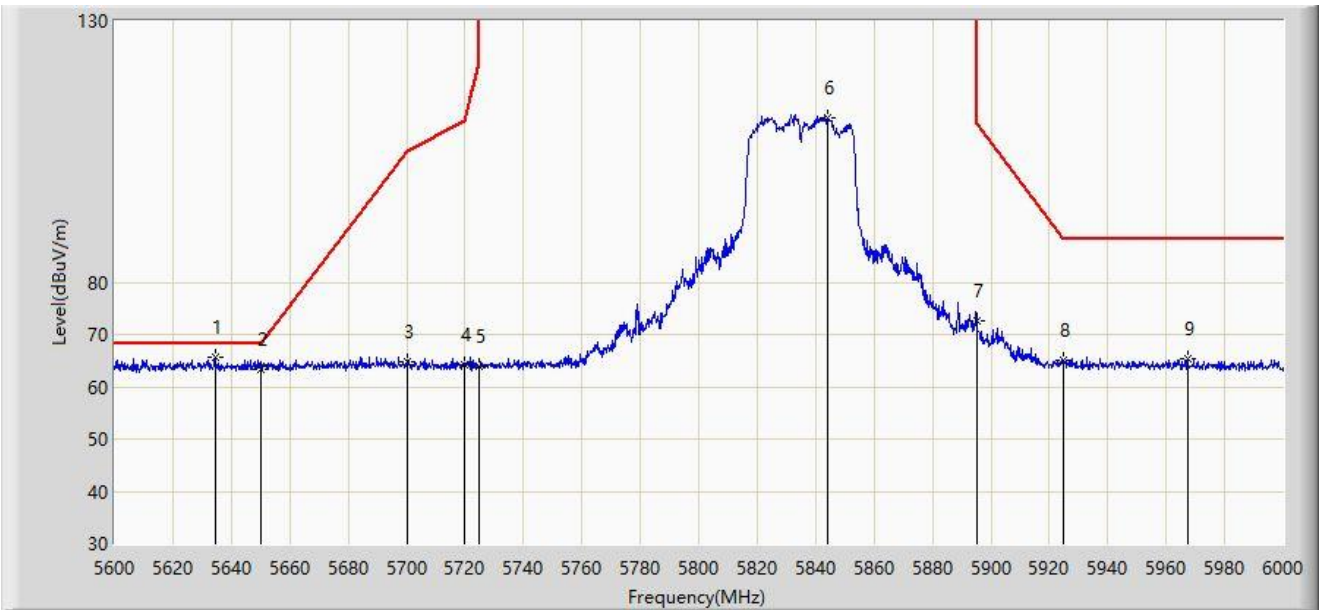
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.



Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5835MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5634.400	65.773	73.864	-2.427	68.200	-8.091	PK
2		5650.000	63.426	71.531	-4.774	68.200	-8.105	PK
3		5700.000	64.700	72.595	-40.500	105.200	-7.895	PK
4		5720.000	64.174	72.169	-46.626	110.800	-7.996	PK
5		5725.000	64.051	72.032	-58.149	122.200	-7.982	PK
6		5844.000	111.572	119.449	N/A	N/A	-7.877	PK
7		5895.000	72.713	80.664	-37.487	110.200	-7.951	PK
8		5925.000	65.095	73.132	-23.105	88.200	-8.038	PK
9		5967.200	65.257	73.148	-22.943	88.200	-7.892	PK

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

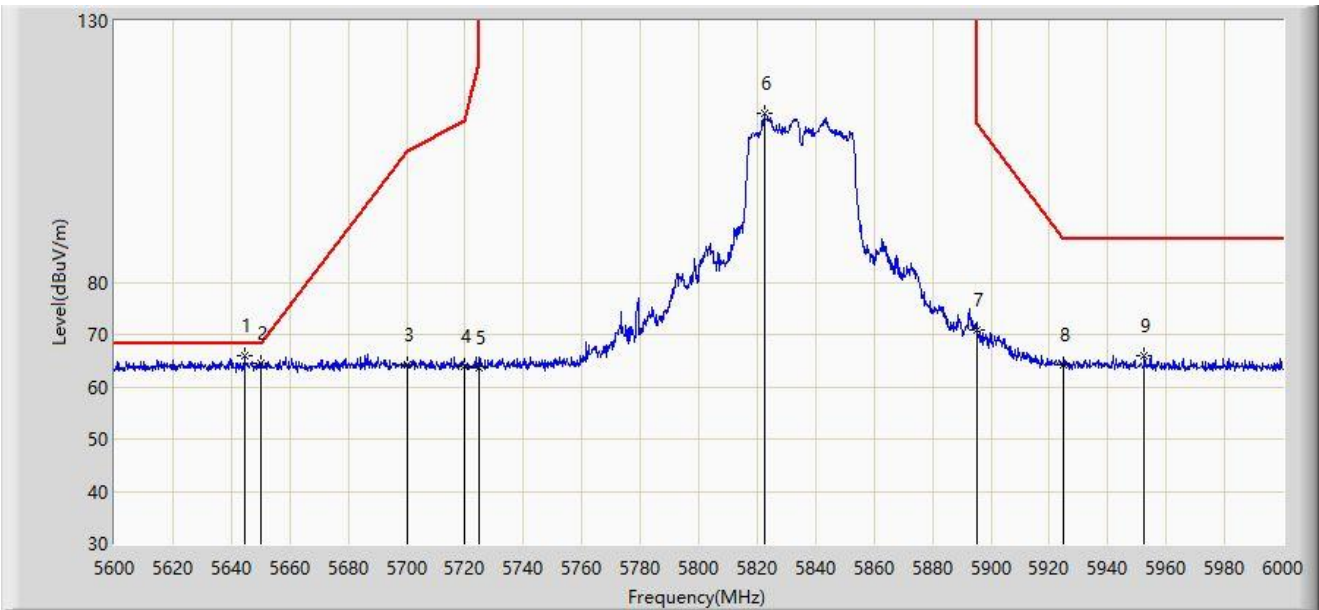
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5835MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5644.400	65.918	74.030	-2.282	68.200	-8.111	PK
2		5650.000	64.395	72.500	-3.805	68.200	-8.105	PK
3		5700.000	64.106	72.001	-41.094	105.200	-7.895	PK
4		5720.000	63.913	71.908	-46.887	110.800	-7.996	PK
5		5725.000	63.620	71.601	-58.580	122.200	-7.982	PK
6		5822.600	112.208	120.088	N/A	N/A	-7.879	PK
7		5895.000	70.741	78.692	-39.459	110.200	-7.951	PK
8		5925.000	64.162	72.199	-24.038	88.200	-8.038	PK
9		5952.600	65.880	73.650	-22.320	88.200	-7.770	PK

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

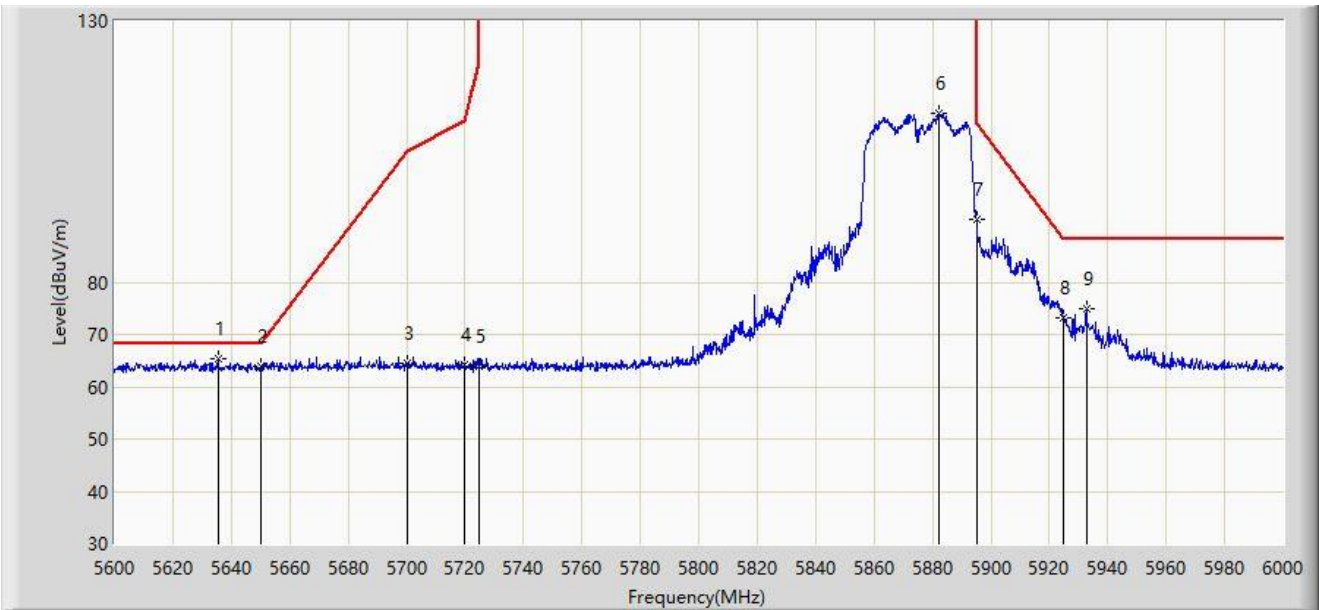
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5875MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5635.400	65.312	73.407	-2.888	68.200	-8.095	PK
2		5650.000	63.974	72.079	-4.226	68.200	-8.105	PK
3		5700.000	64.471	72.366	-40.729	105.200	-7.895	PK
4		5720.000	64.221	72.216	-46.579	110.800	-7.996	PK
5		5725.000	63.901	71.882	-58.299	122.200	-7.982	PK
6		5882.000	112.262	120.180	N/A	N/A	-7.918	PK
7		5895.000	92.051	100.002	-18.149	110.200	-7.951	PK
8		5925.000	73.250	81.287	-14.950	88.200	-8.038	PK
9		5932.800	74.988	83.037	-13.212	88.200	-8.049	PK

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

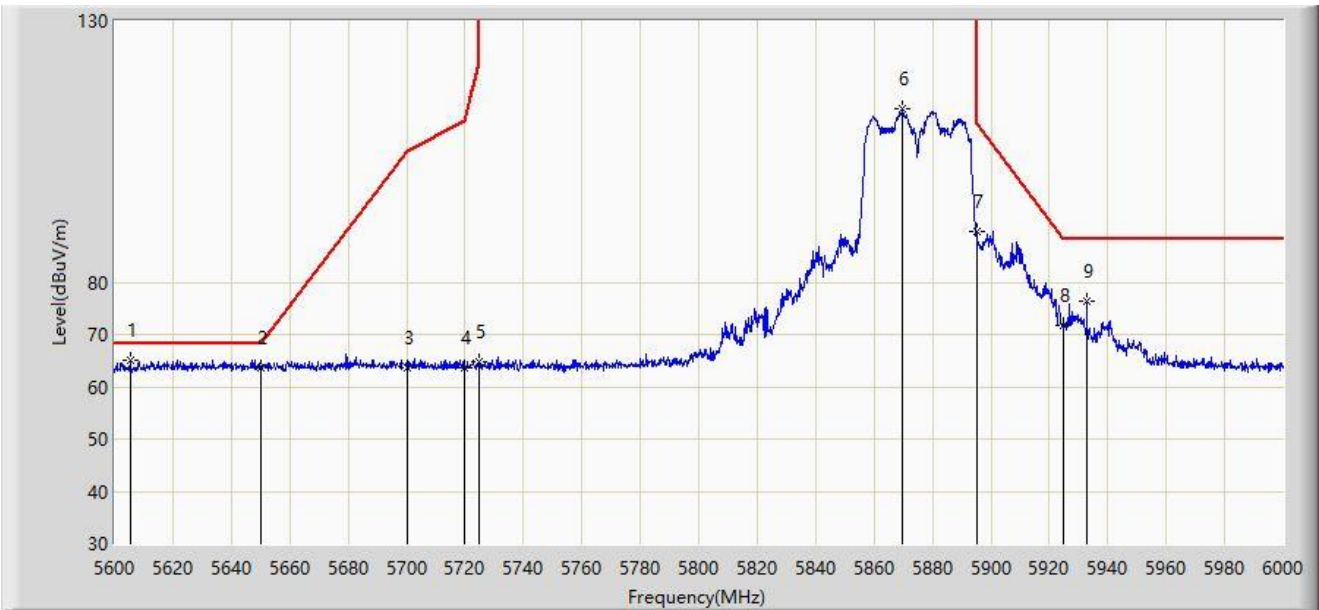
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5875MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5605.400	65.020	73.217	-3.180	68.200	-8.198	PK
2		5650.000	63.547	71.652	-4.653	68.200	-8.105	PK
3		5700.000	63.740	71.635	-41.460	105.200	-7.895	PK
4		5720.000	63.655	71.650	-47.145	110.800	-7.996	PK
5		5725.000	64.655	72.636	-57.545	122.200	-7.982	PK
6		5869.800	113.094	121.006	N/A	N/A	-7.912	PK
7		5895.000	89.730	97.681	-20.470	110.200	-7.951	PK
8		5925.000	71.661	79.698	-16.539	88.200	-8.038	PK
9		5932.800	76.305	84.354	-11.895	88.200	-8.049	PK

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

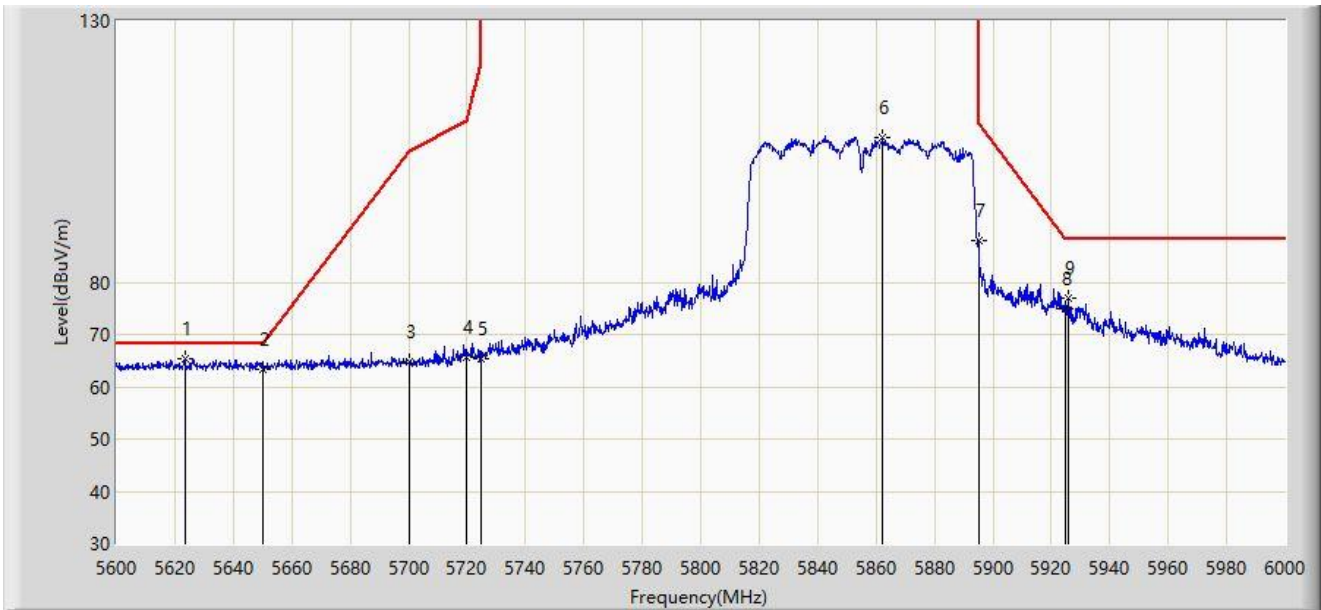
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5855MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5623.400	65.328	73.385	-2.872	68.200	-8.057	PK
2		5650.000	63.241	71.346	-4.959	68.200	-8.105	PK
3		5700.000	64.723	72.618	-40.477	105.200	-7.895	PK
4		5720.000	65.597	73.592	-45.203	110.800	-7.996	PK
5		5725.000	65.340	73.321	-56.860	122.200	-7.982	PK
6		5862.400	107.818	115.732	N/A	N/A	-7.915	PK
7		5895.000	87.990	95.941	-22.210	110.200	-7.951	PK
8		5925.000	74.864	82.901	-13.336	88.200	-8.038	PK
9		5926.000	76.881	84.934	-11.319	88.200	-8.053	PK

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

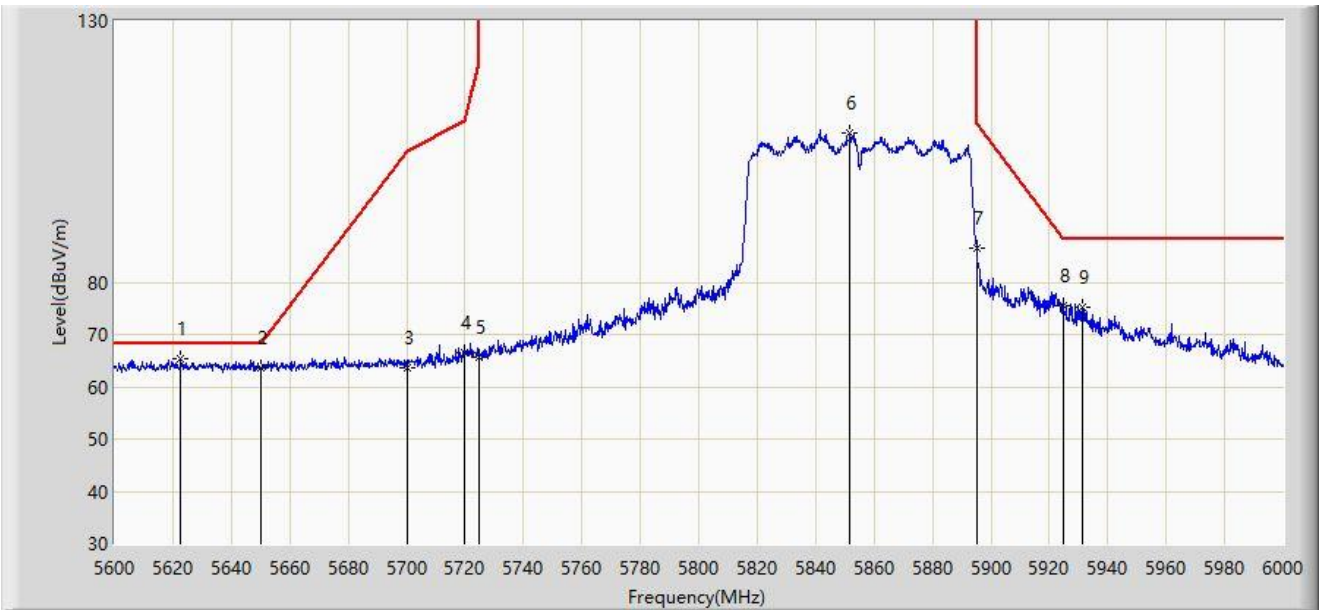
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5855MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5622.800	65.323	73.385	-2.877	68.200	-8.061	PK
2		5650.000	63.659	71.764	-4.541	68.200	-8.105	PK
3		5700.000	63.679	71.574	-41.521	105.200	-7.895	PK
4		5720.000	66.579	74.574	-44.221	110.800	-7.996	PK
5		5725.000	65.695	73.676	-56.505	122.200	-7.982	PK
6		5851.600	108.677	116.568	N/A	N/A	-7.891	PK
7		5895.000	86.625	94.576	-23.575	110.200	-7.951	PK
8		5925.000	75.595	83.632	-12.605	88.200	-8.038	PK
9		5931.400	75.266	83.349	-12.934	88.200	-8.083	PK

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

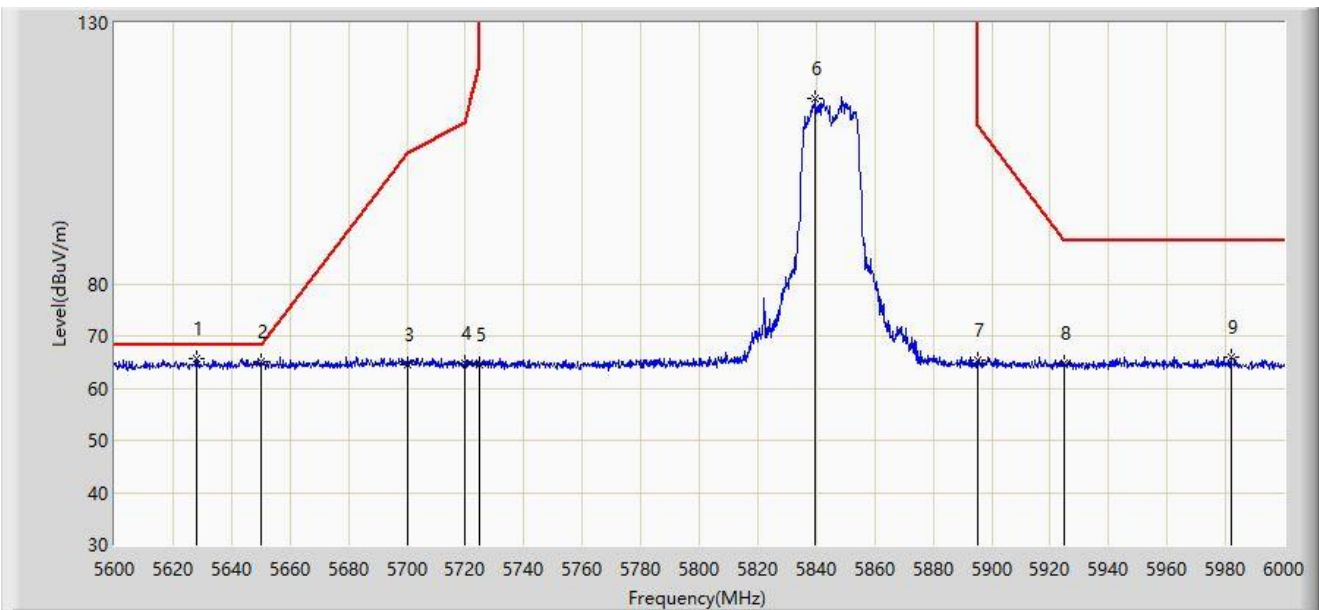
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5628.000	65.633	73.700	-2.567	68.200	-8.068	PK
2		5650.000	65.007	73.112	-3.193	68.200	-8.105	PK
3		5700.000	64.480	72.375	-40.720	105.200	-7.895	PK
4		5720.000	64.812	72.807	-45.988	110.800	-7.996	PK
5		5725.000	64.409	72.390	-57.791	122.200	-7.982	PK
6		5839.600	115.371	123.256	N/A	N/A	-7.885	PK
7		5895.000	65.345	73.296	-44.855	110.200	-7.951	PK
8		5925.000	64.647	72.684	-23.553	88.200	-8.038	PK
9		5981.800	65.873	73.717	-22.327	88.200	-7.844	PK

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

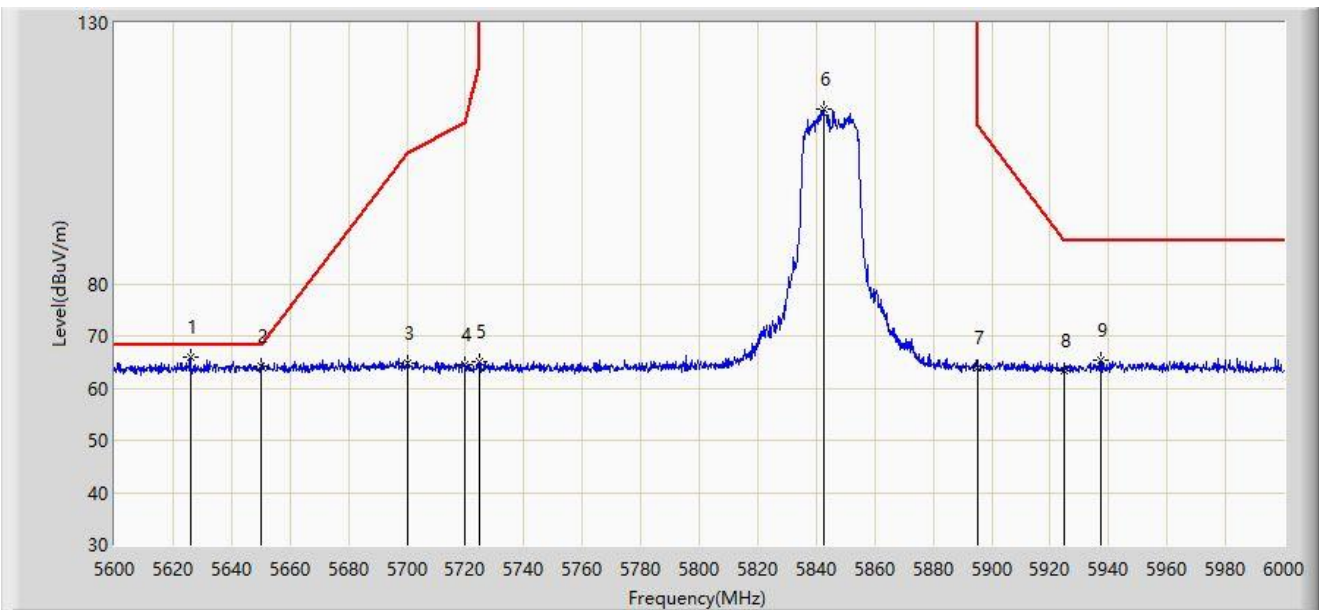
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5626.000	65.996	74.056	-2.204	68.200	-8.059	PK
2		5650.000	64.068	72.173	-4.132	68.200	-8.105	PK
3		5700.000	64.665	72.560	-40.535	105.200	-7.895	PK
4		5720.000	64.440	72.435	-46.360	110.800	-7.996	PK
5		5725.000	65.102	73.083	-57.098	122.200	-7.982	PK
6		5842.400	113.456	121.336	N/A	N/A	-7.881	PK
7		5895.000	63.883	71.834	-46.317	110.200	-7.951	PK
8		5925.000	63.439	71.476	-24.761	88.200	-8.038	PK
9		5937.400	65.255	73.193	-22.945	88.200	-7.938	PK

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

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

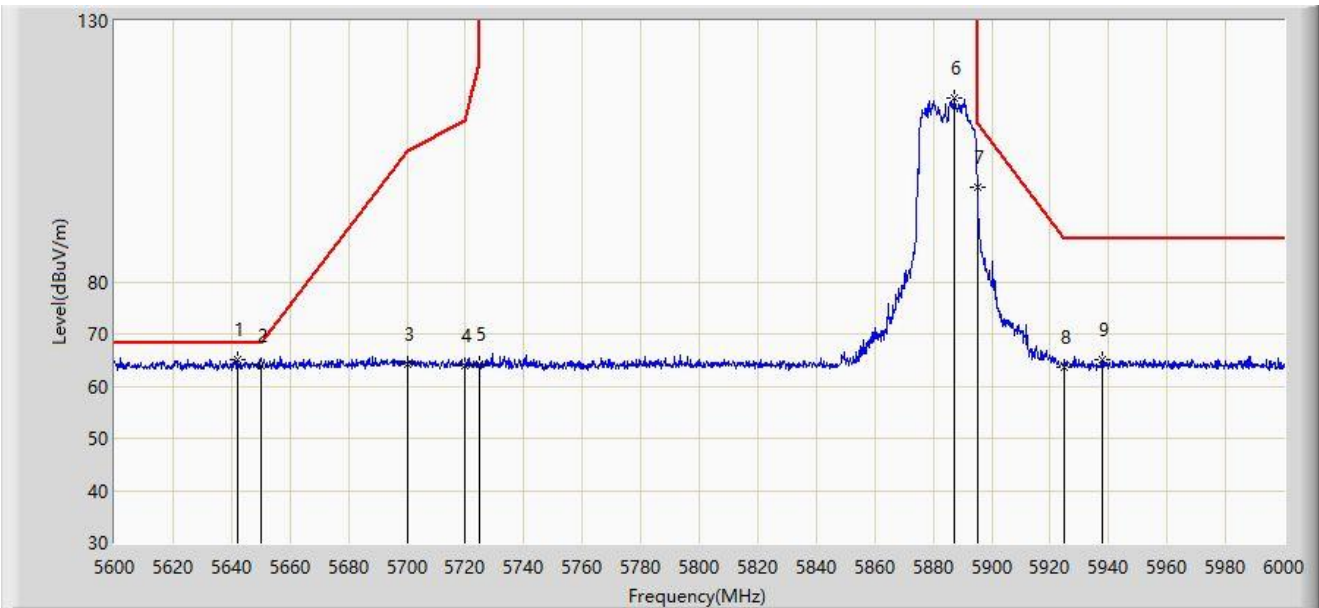
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.



Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5885MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5642.200	64.989	73.104	-3.211	68.200	-8.114	PK
2		5650.000	63.938	72.043	-4.262	68.200	-8.105	PK
3		5700.000	64.281	72.176	-40.919	105.200	-7.895	PK
4		5720.000	63.946	71.941	-46.854	110.800	-7.996	PK
5		5725.000	64.256	72.237	-57.944	122.200	-7.982	PK
6		5887.000	115.104	123.034	N/A	N/A	-7.930	PK
7		5895.000	97.990	105.941	-12.210	110.200	-7.951	PK
8		5925.000	63.712	71.749	-24.488	88.200	-8.038	PK
9		5937.600	65.061	72.994	-23.139	88.200	-7.933	PK

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

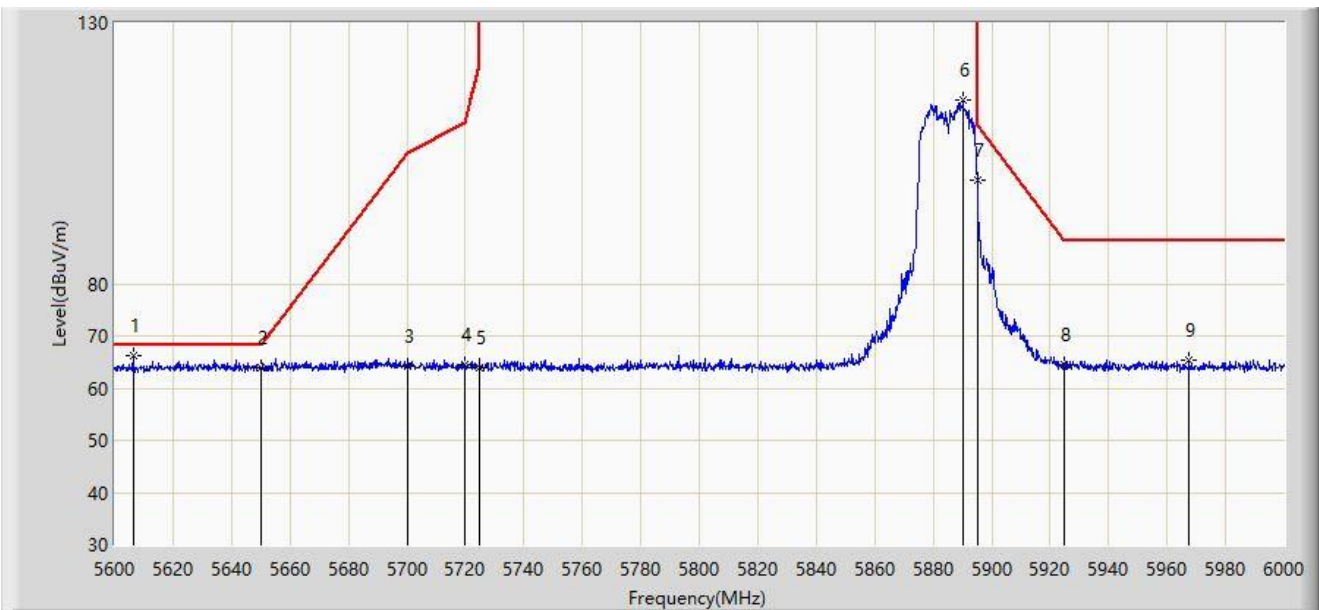
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5885MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5606.400	66.200	74.398	-2.000	68.200	-8.198	PK
2		5650.000	63.879	71.984	-4.321	68.200	-8.105	PK
3		5700.000	64.092	71.987	-41.108	105.200	-7.895	PK
4		5720.000	64.401	72.396	-46.399	110.800	-7.996	PK
5		5725.000	63.958	71.939	-58.242	122.200	-7.982	PK
6		5890.200	115.163	123.102	N/A	N/A	-7.939	PK
7		5895.000	99.935	107.886	-10.265	110.200	-7.951	PK
8		5925.000	64.506	72.543	-23.694	88.200	-8.038	PK
9		5967.600	65.253	73.143	-22.947	88.200	-7.890	PK

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

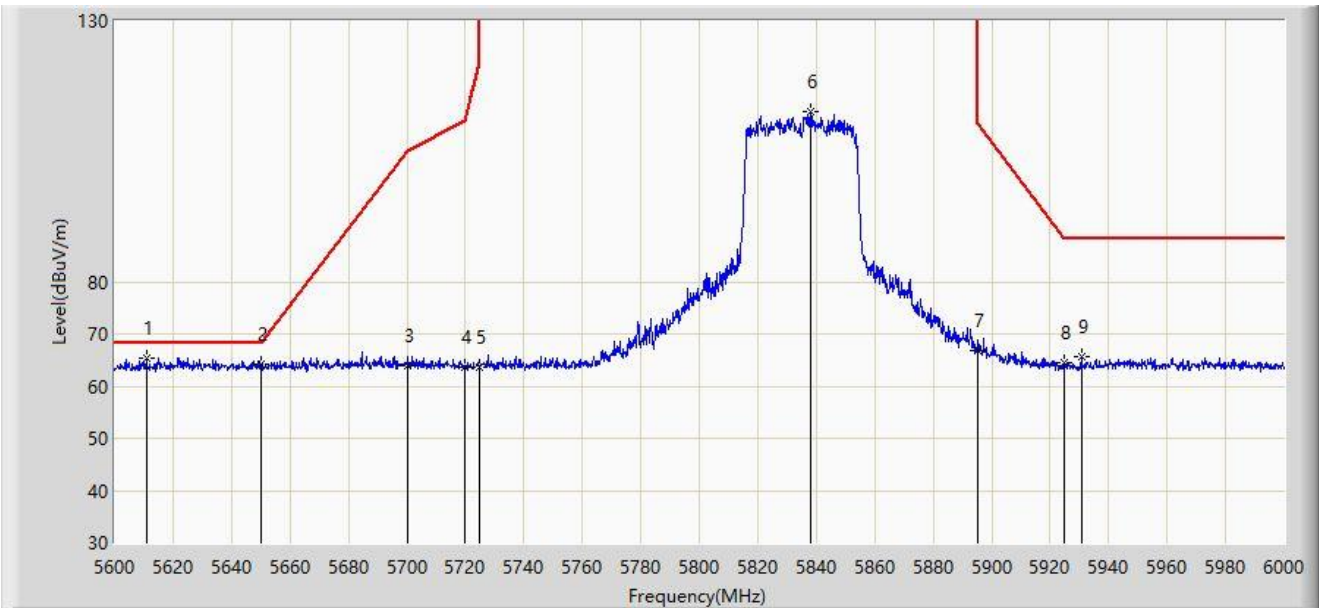
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5835MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5610.800	65.289	73.454	-2.911	68.200	-8.165	PK
2		5650.000	64.248	72.353	-3.952	68.200	-8.105	PK
3		5700.000	63.930	71.825	-41.270	105.200	-7.895	PK
4		5720.000	63.519	71.514	-47.281	110.800	-7.996	PK
5		5725.000	63.545	71.526	-58.655	122.200	-7.982	PK
6		5838.000	112.737	120.625	N/A	N/A	-7.888	PK
7		5895.000	66.944	74.895	-43.256	110.200	-7.951	PK
8		5925.000	64.394	72.431	-23.806	88.200	-8.038	PK
9		5930.600	65.611	73.714	-22.589	88.200	-8.102	PK

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

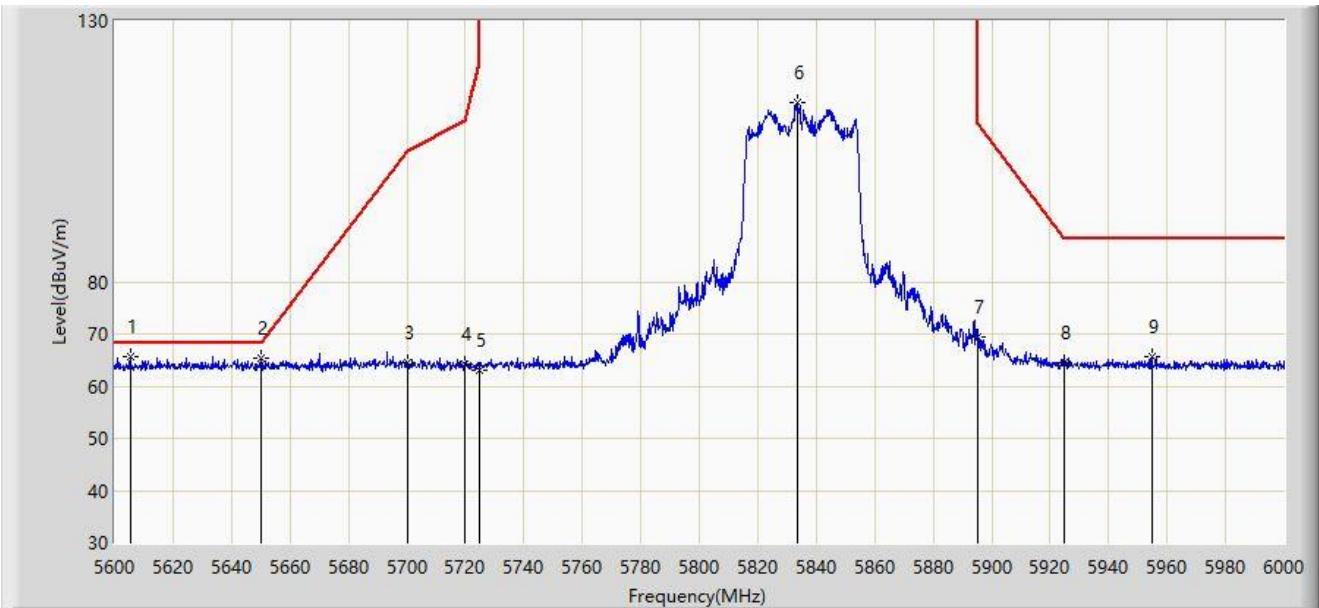
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5835MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5605.400	65.543	73.740	-2.657	68.200	-8.198	PK
2		5650.000	65.487	73.592	-2.713	68.200	-8.105	PK
3		5700.000	64.539	72.434	-40.661	105.200	-7.895	PK
4		5720.000	64.077	72.072	-46.723	110.800	-7.996	PK
5		5725.000	63.021	71.002	-59.179	122.200	-7.982	PK
6		5833.400	114.300	122.196	N/A	N/A	-7.897	PK
7		5895.000	69.441	77.392	-40.759	110.200	-7.951	PK
8		5925.000	64.353	72.390	-23.847	88.200	-8.038	PK
9		5954.800	65.770	73.566	-22.430	88.200	-7.796	PK

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

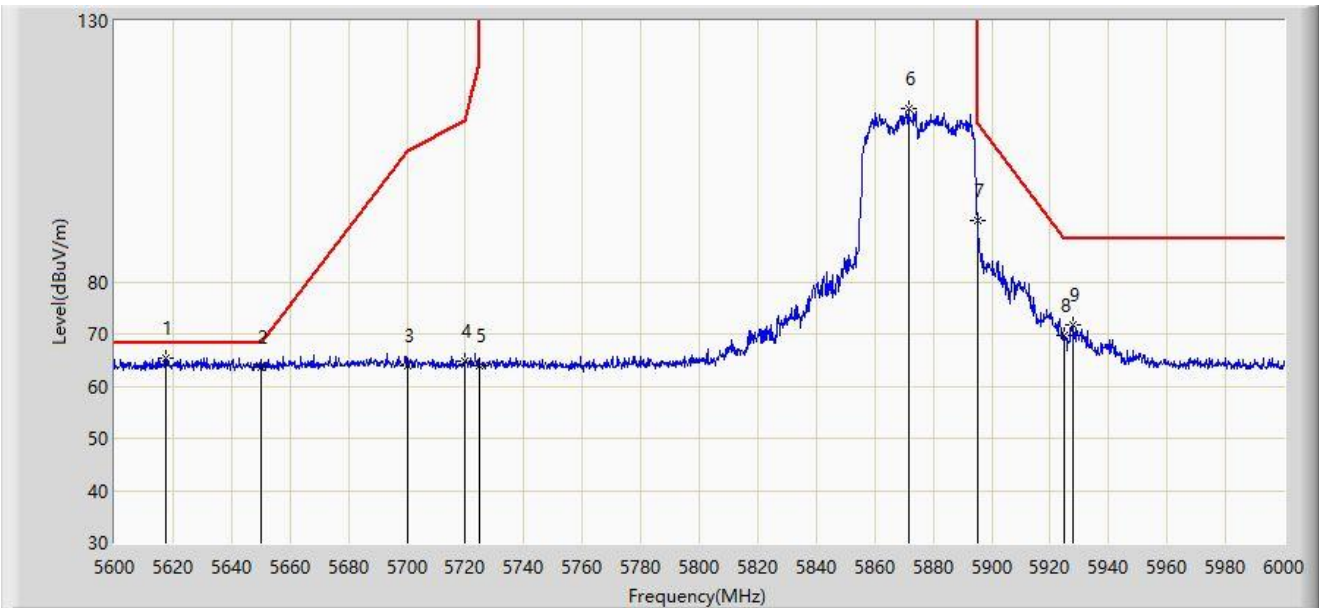
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5875MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	5617.600	65.421	73.528	-2.779	68.200	-8.107	PK
2		5650.000	63.494	71.599	-4.706	68.200	-8.105	PK
3		5700.000	64.047	71.942	-41.153	105.200	-7.895	PK
4		5720.000	64.709	72.704	-46.091	110.800	-7.996	PK
5		5725.000	64.028	72.009	-58.172	122.200	-7.982	PK
6		5871.600	113.319	121.231	N/A	N/A	-7.912	PK
7		5895.000	91.676	99.627	-18.524	110.200	-7.951	PK
8		5925.000	69.636	77.673	-18.564	88.200	-8.038	PK
9		5927.600	71.716	79.795	-16.484	88.200	-8.079	PK

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

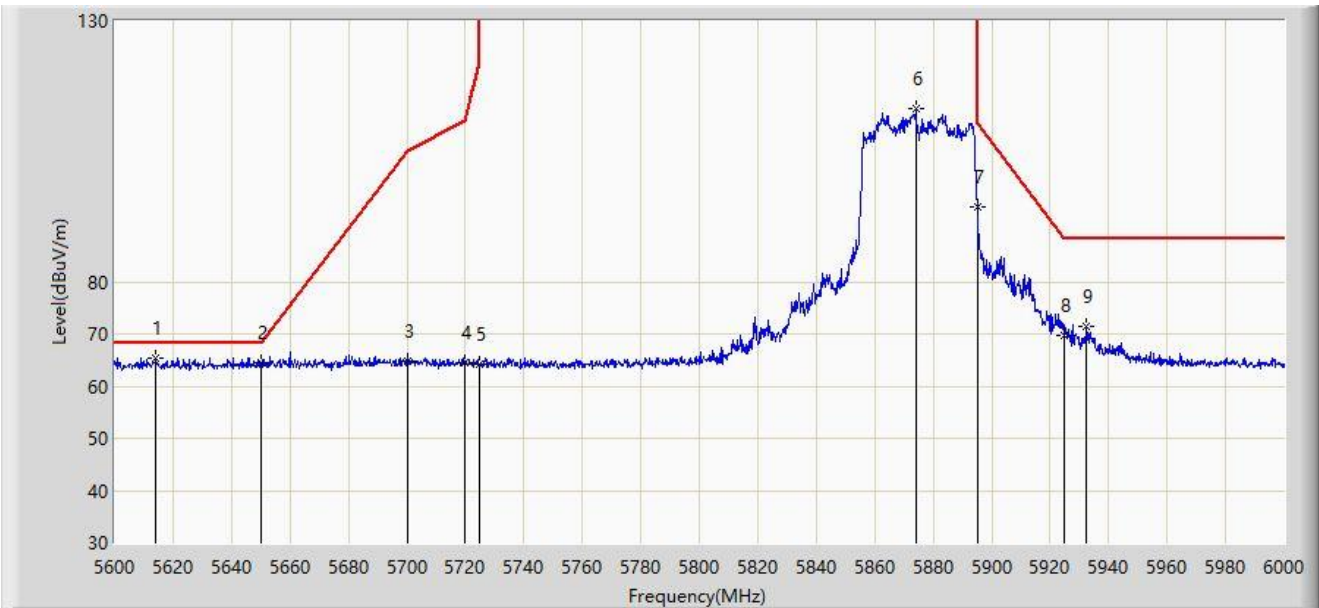
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5875MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5614.000	65.353	73.491	-2.847	68.200	-8.137	PK
2		5650.000	64.489	72.594	-3.711	68.200	-8.105	PK
3		5700.000	64.749	72.644	-40.451	105.200	-7.895	PK
4		5720.000	64.490	72.485	-46.310	110.800	-7.996	PK
5		5725.000	64.301	72.282	-57.899	122.200	-7.982	PK
6		5874.000	113.195	121.106	N/A	N/A	-7.912	PK
7		5895.000	94.474	102.425	-15.726	110.200	-7.951	PK
8		5925.000	69.847	77.884	-18.353	88.200	-8.038	PK
9		5932.400	71.522	79.581	-16.678	88.200	-8.059	PK

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

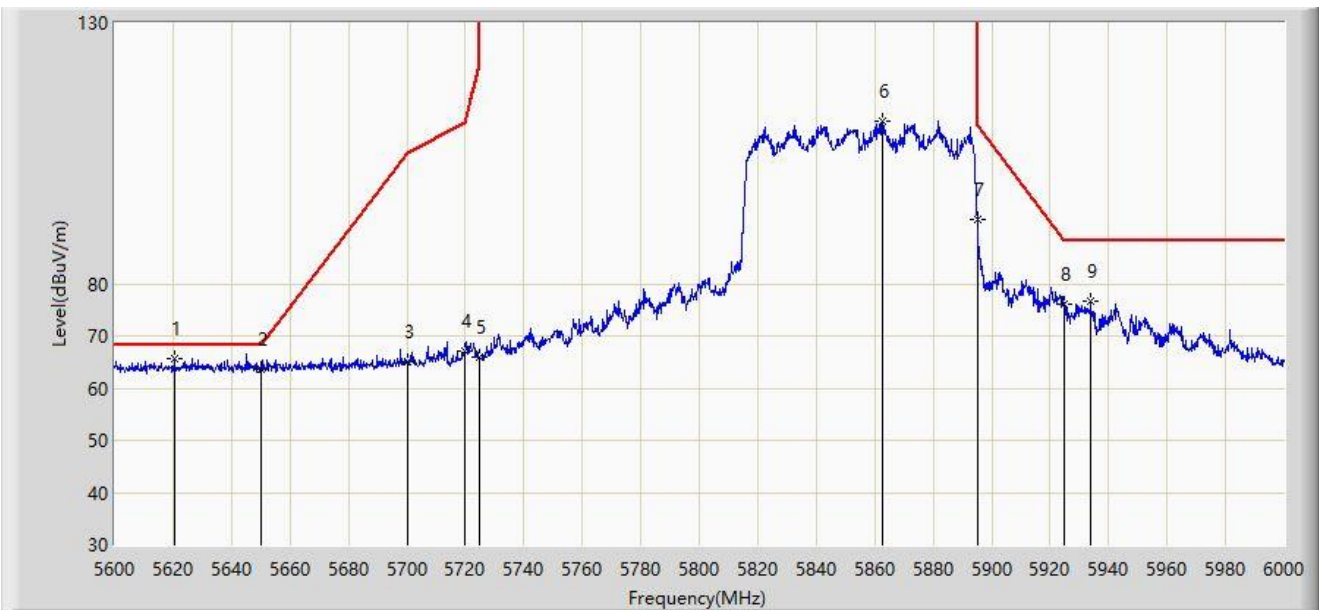
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5855MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5620.600	65.626	73.707	-2.574	68.200	-8.080	PK
2		5650.000	63.740	71.845	-4.460	68.200	-8.105	PK
3		5700.000	65.126	73.021	-40.074	105.200	-7.895	PK
4		5720.000	66.957	74.952	-43.843	110.800	-7.996	PK
5		5725.000	66.057	74.038	-56.143	122.200	-7.982	PK
6		5862.600	111.098	119.012	N/A	N/A	-7.914	PK
7		5895.000	92.439	100.390	-17.761	110.200	-7.951	PK
8		5925.000	76.203	84.240	-11.997	88.200	-8.038	PK
9		5933.800	76.766	84.791	-11.434	88.200	-8.025	PK

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

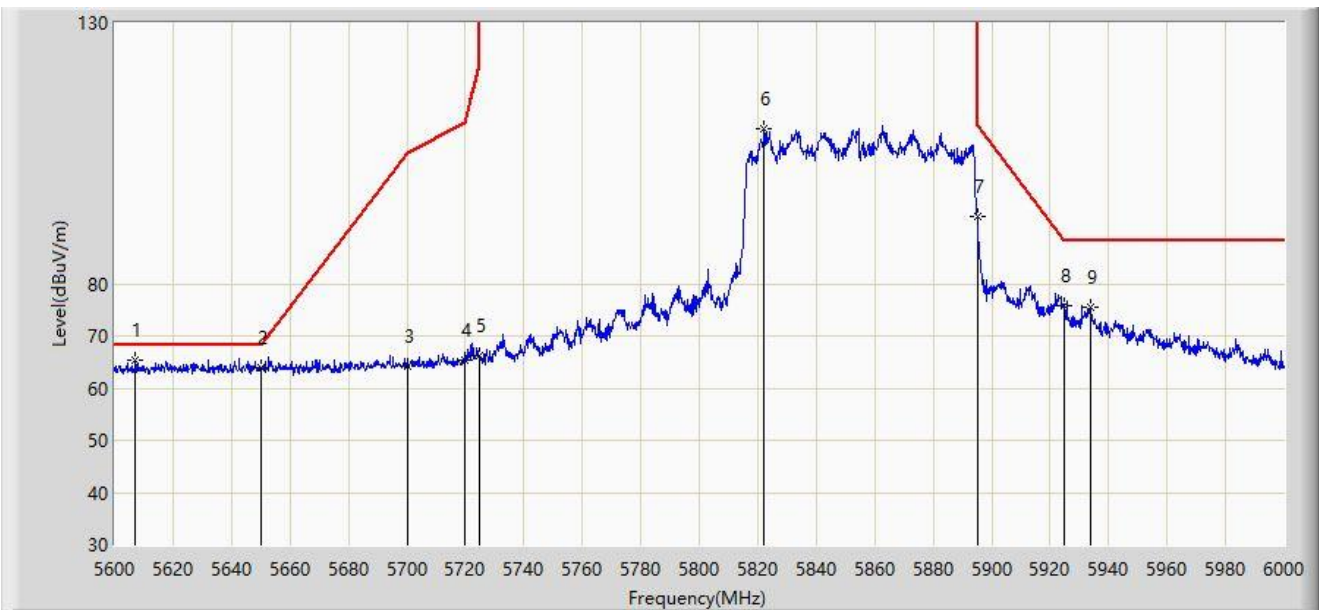
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.

Site: SIP-AC3	Test Date: 2022-12-15
Limit: FCC_5.9G_RE_(3m)	Engineer: Wayne Wang
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5855MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5607.200	65.253	73.449	-2.947	68.200	-8.196	PK
2		5650.000	63.894	71.999	-4.306	68.200	-8.105	PK
3		5700.000	64.198	72.093	-41.002	105.200	-7.895	PK
4		5720.000	65.279	73.274	-45.521	110.800	-7.996	PK
5		5725.000	66.144	74.125	-56.056	122.200	-7.982	PK
6		5822.200	109.651	117.529	N/A	N/A	-7.878	PK
7		5895.000	92.766	100.717	-17.434	110.200	-7.951	PK
8		5925.000	75.904	83.941	-12.296	88.200	-8.038	PK
9		5933.800	75.527	83.552	-12.673	88.200	-8.025	PK

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) - Pre\_Amplifier Gain (dB).

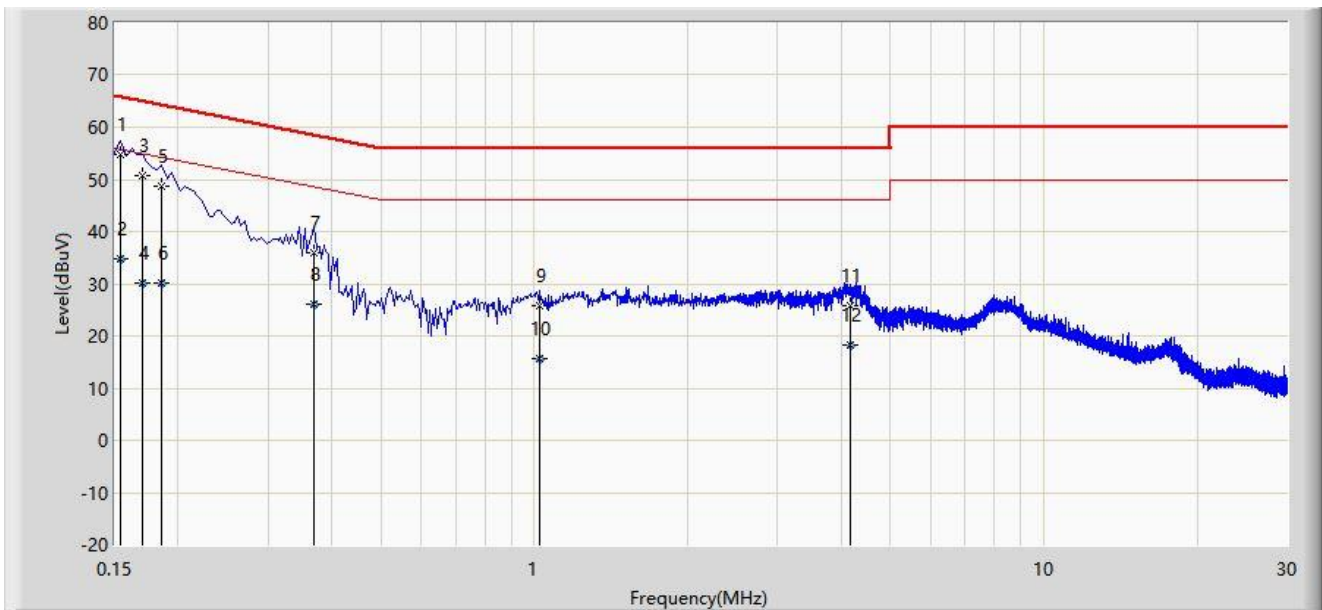
Note 4: All measurements were performed by peak detector (PK).

Note 5: For emission above 5.895 GHz, average measurements were not performed because the peak measurement levels were below the average limit.



### A.9 AC Conducted Emissions Test Result

Site: WZ-SR2	Test Date: 2022-12-21
Limit: FCC_Part15.207_CE_AC Power	Engineer: Helen Han
Probe: ENV216_101683_Filter Off_E	Polarity: Line
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5835MHz	



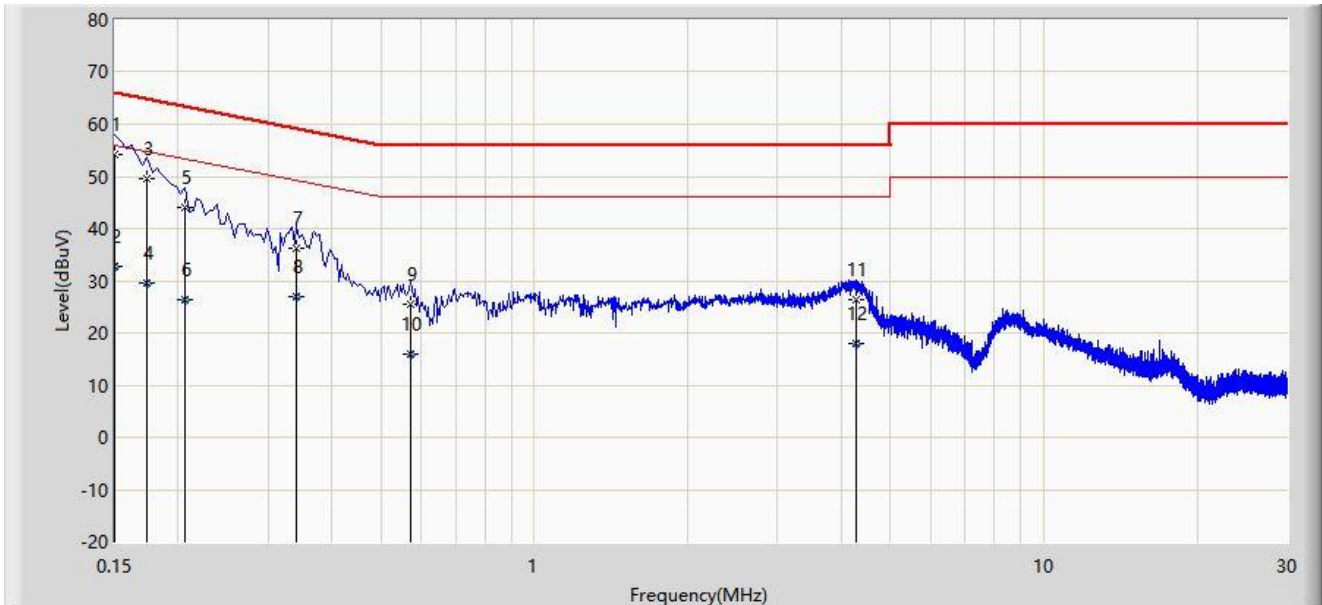
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.154	54.858	44.980	-10.923	65.781	9.878	QP
2		0.154	34.678	24.799	-21.104	55.781	9.878	AV
3		0.170	50.663	40.783	-14.298	64.960	9.880	QP
4		0.170	30.026	20.146	-24.935	54.960	9.880	AV
5		0.186	48.675	38.795	-15.538	64.213	9.880	QP
6		0.186	30.239	20.359	-23.975	54.213	9.880	AV
7		0.370	35.967	26.048	-22.534	58.501	9.919	QP
8		0.370	26.111	16.192	-22.390	48.501	9.919	AV
9		1.022	25.659	15.678	-30.341	56.000	9.981	QP
10		1.022	15.736	5.755	-30.264	46.000	9.981	AV
11		4.162	25.935	15.524	-30.065	56.000	10.410	QP
12		4.162	18.288	7.877	-27.712	46.000	10.410	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: WZ-SR2	Test Date: 2022-12-21
Limit: FCC_Part15.207_CE_AC Power	Engineer: Helen Han
Probe: ENV216_101683_Filter Off_E	Polarity: Neutral
EUT: cAP ax	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5835MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.150	54.255	44.355	-11.745	66.000	9.900	QP
2		0.150	32.622	22.722	-23.378	56.000	9.900	AV
3		0.174	49.523	39.618	-15.244	64.767	9.905	QP
4		0.174	29.564	19.659	-25.203	54.767	9.905	AV
5		0.206	44.162	34.251	-19.203	63.365	9.911	QP
6		0.206	26.454	16.543	-26.911	53.365	9.911	AV
7		0.342	36.296	26.362	-22.859	59.155	9.933	QP
8		0.342	26.937	17.004	-22.217	49.155	9.933	AV
9		0.570	25.600	15.634	-30.400	56.000	9.966	QP
10		0.570	15.917	5.951	-30.083	46.000	9.966	AV
11		4.282	26.429	15.960	-29.571	56.000	10.468	QP
12		4.282	17.923	7.454	-28.077	46.000	10.468	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 "2209RSU050-UT" file.

## Appendix C - EUT Photograph

Refer to "2209RSU050-UE" file.

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