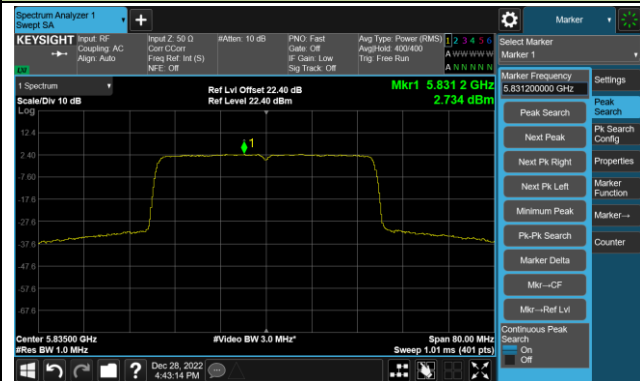
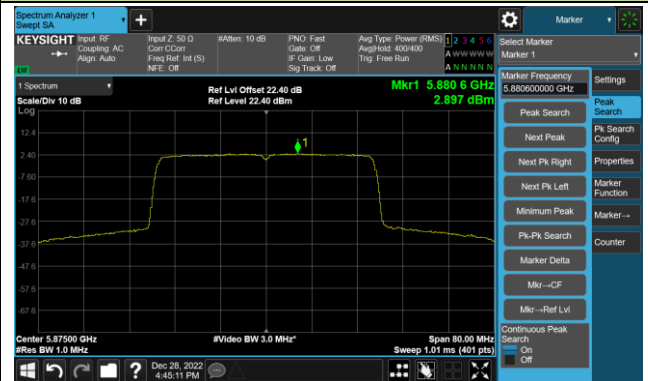


802.11 ax-HE40 Power Spectral Density - Ant 0

Channel 167 (5835MHz)



Channel 175 (5875MHz)



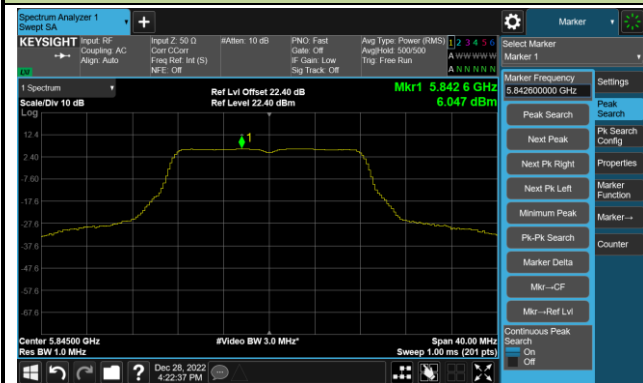
802.11 ax-HE80 Power Spectral Density - Ant 0

Channel 171 (5855MHz)

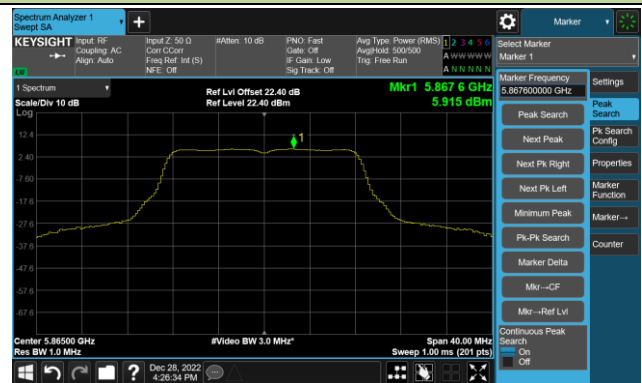


802.11a Power Spectral Density - Ant 1

Channel 169 (5845MHz)



Channel 173 (5865MHz)

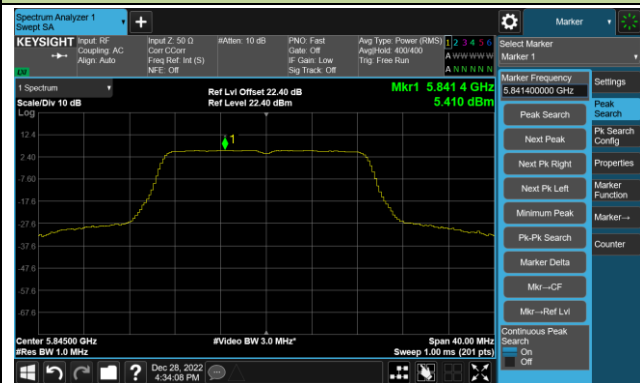


Channel 177 (5885MHz)

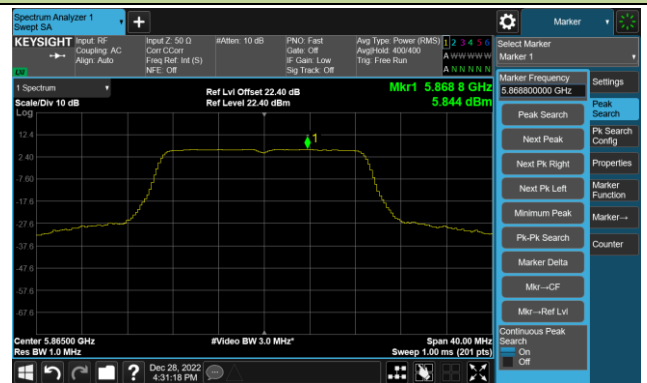


802.11ac-VHT20 Power Spectral Density - Ant 1

Channel 169 (5845MHz)



Channel 173 (5865MHz)

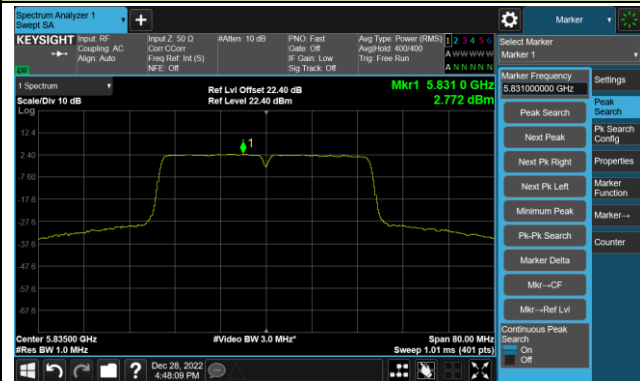


Channel 177 (5885MHz)

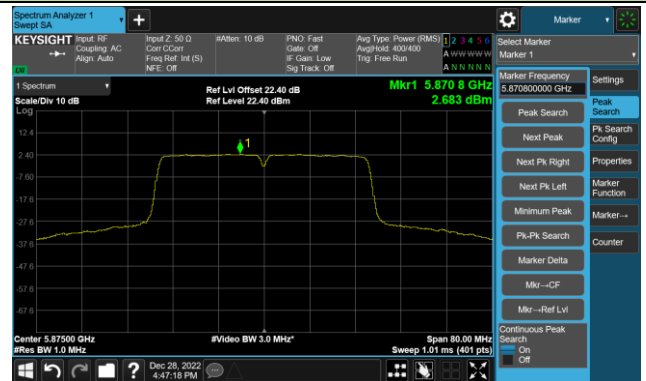


802.11ac-VHT40 Power Spectral Density - Ant 1

Channel 167 (5835MHz)



Channel 175 (5875MHz)



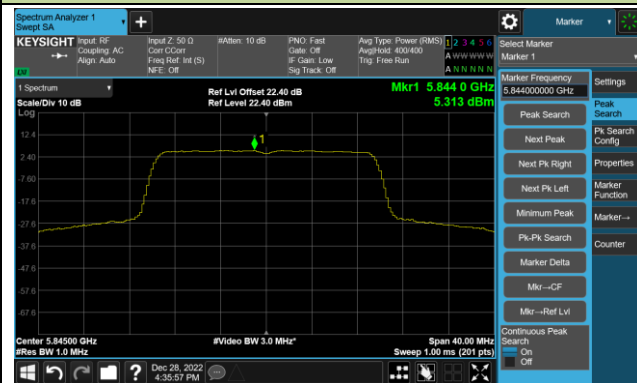
802.11ac-VHT80 Power Spectral Density - Ant 1

Channel 171 (5855MHz)

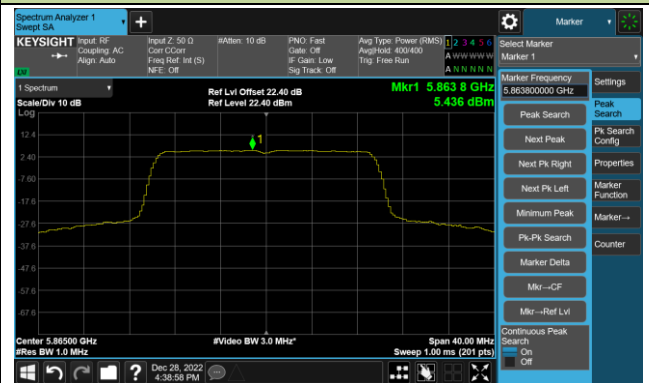


802.11ax-HE20 Power Spectral Density - Ant 1

Channel 169 (5845MHz)



Channel 173 (5865MHz)

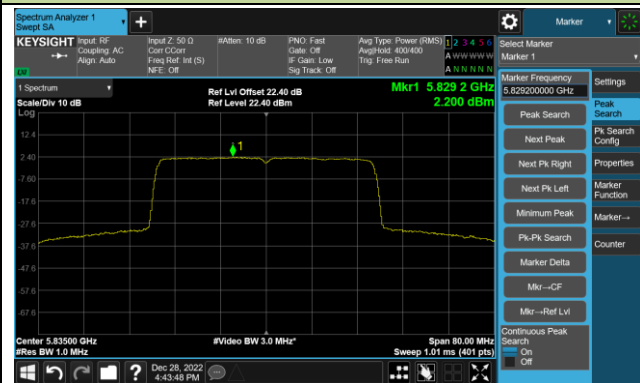


Channel 177 (5885MHz)

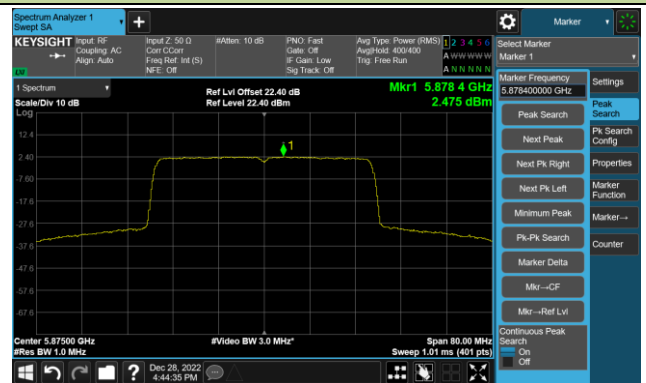


802.11 ax-HE40 Power Spectral Density - Ant 1

Channel 167 (5835MHz)

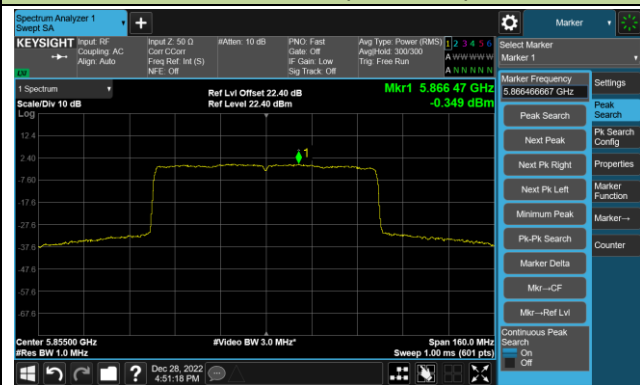


Channel 175 (5875MHz)



802.11 ax-HE80 Power Spectral Density - Ant 1

Channel 171 (5855MHz)



A.6 Frequency Stability Test Result

Test Site	SIP-TR2	Test Engineer	Chase Zhu
Test Date	2022-12-		
Test Mode	5845MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	11.87	12.28	12.40	12.40
		- 20	14.36	14.38	14.39	14.39
		- 10	14.19	14.08	14.06	14.05
		0	12.50	12.41	12.36	12.35
		+ 10	9.67	9.48	9.42	9.37
		+ 20	5.41	5.33	5.31	5.28
		+ 30	1.84	1.69	1.64	1.61
		+ 40	-0.77	-1.27	-1.42	-1.49
		+ 50	-3.36	-3.41	-3.48	-3.48
115	138	+ 20	5.36	5.34	5.30	5.25
85	102	+ 20	5.31	5.29	5.25	5.23

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

A.7 Radiated Spurious Emission Test Result

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	Test Mode	802.11a – 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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11242.5	51.0	-2.6	48.4	74.0	-25.6	Peak	Horizontal
*	13979.5	49.4	1.9	51.3	108.2	-56.9	Peak	Horizontal
	15951.5	48.1	4.3	52.4	74.0	-21.6	Peak	Horizontal
	15951.5	33.7	4.3	38.0	54.0	-16.0	Average	Horizontal
*	17116.0	48.6	4.7	53.3	108.2	-54.9	Peak	Horizontal
	11633.5	51.6	-3.0	48.6	74.0	-25.4	Peak	Vertical
*	15322.5	49.2	4.1	53.3	108.2	-54.9	Peak	Vertical
	15909.0	47.8	4.3	52.1	74.0	-21.9	Peak	Vertical
	15909.0	35.0	4.3	39.3	54.0	-14.7	Average	Vertical
*	16963.0	47.7	6.0	53.7	108.2	-54.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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/m)	Detector	Polarization
	9321.5	50.5	-2.8	47.7	74.0	-26.3	Peak	Horizontal
*	10095.0	51.1	-2.4	48.7	108.2	-59.5	Peak	Horizontal
	11693.0	51.9	-3.0	48.9	74.0	-25.1	Peak	Horizontal
*	13988.0	49.7	2.1	51.8	108.2	-56.4	Peak	Horizontal
	9457.5	51.0	-2.9	48.1	74.0	-25.9	Peak	Vertical
*	10027.0	50.0	-2.2	47.8	108.2	-60.4	Peak	Vertical
	11446.5	51.4	-2.9	48.5	74.0	-25.5	Peak	Vertical
*	14073.0	49.5	2.1	51.6	108.2	-56.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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/m)	Detector	Polarization
	9423.5	51.2	-3.1	48.1	74.0	-25.9	Peak	Horizontal
*	10095.0	50.6	-2.4	48.2	108.2	-60.0	Peak	Horizontal
	11667.5	52.0	-2.9	49.1	74.0	-24.9	Peak	Horizontal
*	14064.5	49.9	2.2	52.1	108.2	-56.1	Peak	Horizontal
	8335.5	50.9	-4.0	46.9	74.0	-27.1	Peak	Vertical
*	9933.5	50.4	-2.3	48.1	108.2	-60.1	Peak	Vertical
	10970.5	51.5	-2.5	49.0	74.0	-25.0	Peak	Vertical
*	14107.0	49.5	2.2	51.7	108.2	-56.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8267.5	51.4	-4.0	47.4	74.0	-26.6	Peak	Horizontal
*	8752.0	52.1	-3.3	48.8	108.2	-59.4	Peak	Horizontal
*	9908.0	50.5	-2.6	47.9	108.2	-60.3	Peak	Horizontal
	11140.5	51.0	-2.6	48.4	74.0	-25.6	Peak	Horizontal
	9364.0	49.9	-2.9	47.0	74.0	-27.0	Peak	Vertical
*	10180.0	50.9	-2.6	48.3	108.2	-59.9	Peak	Vertical
	11684.5	52.3	-3.0	49.3	74.0	-24.7	Peak	Vertical
*	14166.5	50.0	2.4	52.4	108.2	-55.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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/m)	Detector	Polarization
	9398.0	50.5	-2.8	47.7	74.0	-26.3	Peak	Horizontal
*	9950.5	50.2	-2.1	48.1	108.2	-60.1	Peak	Horizontal
	11251.0	51.7	-2.6	49.1	74.0	-24.9	Peak	Horizontal
*	14039.0	49.8	2.1	51.9	108.2	-56.3	Peak	Horizontal
	9151.5	48.8	-3.4	45.4	74.0	-28.6	Peak	Vertical
*	10401.0	51.2	-2.3	48.9	108.2	-59.3	Peak	Vertical
	11676.0	51.8	-3.0	48.8	74.0	-25.2	Peak	Vertical
*	14175.0	49.3	2.6	51.9	108.2	-56.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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/m)	Detector	Polarization
	8412.0	51.6	-4.0	47.6	74.0	-26.4	Peak	Horizontal
*	9984.5	50.2	-2.1	48.1	108.2	-60.1	Peak	Horizontal
	11795.0	52.7	-3.2	49.5	74.0	-24.5	Peak	Horizontal
*	14149.5	49.2	2.2	51.4	108.2	-56.8	Peak	Horizontal
	8225.0	50.5	-4.3	46.2	74.0	-27.8	Peak	Vertical
*	10018.5	50.9	-2.2	48.7	108.2	-59.5	Peak	Vertical
	11990.5	51.7	-2.9	48.8	74.0	-25.2	Peak	Vertical
*	14141.0	49.4	2.2	51.6	108.2	-56.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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/m)	Detector	Polarization
	9474.5	51.5	-2.8	48.7	74.0	-25.3	Peak	Horizontal
*	9950.5	50.7	-2.1	48.6	108.2	-59.6	Peak	Horizontal
	11642.0	51.6	-2.9	48.7	74.0	-25.3	Peak	Horizontal
*	14175.0	50.2	2.6	52.8	108.2	-55.4	Peak	Horizontal
	9355.5	50.0	-2.9	47.1	74.0	-26.9	Peak	Vertical
*	10044.0	49.8	-1.9	47.9	108.2	-60.3	Peak	Vertical
	11004.5	51.4	-2.5	48.9	74.0	-25.1	Peak	Vertical
*	14149.5	50.1	2.2	52.3	108.2	-55.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	9075.0	50.2	-3.4	46.8	74.0	-27.2	Peak	Horizontal
	11642.0	51.1	-2.9	48.2	74.0	-25.8	Peak	Horizontal
*	14251.5	49.9	2.5	52.4	108.2	-55.8	Peak	Horizontal
*	16971.5	48.9	5.7	54.6	108.2	-53.6	Peak	Horizontal
	8250.5	52.6	-4.2	48.4	74.0	-25.6	Peak	Vertical
*	10401.0	51.9	-2.3	49.6	108.2	-58.6	Peak	Vertical
	10877.0	52.0	-2.6	49.4	74.0	-24.6	Peak	Vertical
*	14090.0	49.7	2.2	51.9	108.2	-56.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	9415.0	49.7	-3.0	46.7	74.0	-27.3	Peak	Horizontal
	11625.0	51.3	-3.0	48.3	74.0	-25.7	Peak	Horizontal
*	14090.0	49.6	2.2	51.8	108.2	-56.4	Peak	Horizontal
*	17022.5	49.0	5.2	54.2	108.2	-54.0	Peak	Horizontal
*	8531.0	51.5	-3.7	47.8	108.2	-60.4	Peak	Vertical
	9432.0	48.5	-3.1	45.4	74.0	-28.6	Peak	Vertical
	11829.0	51.3	-3.2	48.1	74.0	-25.9	Peak	Vertical
*	14175.0	49.5	2.6	52.1	108.2	-56.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8361.0	51.7	-4.0	47.7	74.0	-26.3	Peak	Horizontal
*	10171.5	50.5	-2.5	48.0	108.2	-60.2	Peak	Horizontal
	11693.0	51.4	-3.0	48.4	74.0	-25.6	Peak	Horizontal
*	14175.0	49.7	2.6	52.3	108.2	-55.9	Peak	Horizontal
	8344.0	50.8	-4.0	46.8	74.0	-27.2	Peak	Vertical
*	10001.5	50.3	-2.2	48.1	108.2	-60.1	Peak	Vertical
	11412.5	51.6	-2.9	48.7	74.0	-25.3	Peak	Vertical
*	14226.0	50.0	2.4	52.4	108.2	-55.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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/m)	Detector	Polarization
	8386.5	51.5	-4.0	47.5	74.0	-26.5	Peak	Horizontal
*	10231.0	50.6	-2.3	48.3	108.2	-59.9	Peak	Horizontal
	11514.5	51.8	-3.2	48.6	74.0	-25.4	Peak	Horizontal
*	12789.5	52.0	-1.6	50.4	108.2	-57.8	Peak	Horizontal
	8233.5	50.3	-4.3	46.0	74.0	-28.0	Peak	Vertical
*	10001.5	50.5	-2.2	48.3	108.2	-59.9	Peak	Vertical
	11718.5	52.0	-3.1	48.9	74.0	-25.1	Peak	Vertical
*	13648.0	51.1	0.2	51.3	108.2	-56.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8191.0	51.6	-4.2	47.4	74.0	-26.6	Peak	Horizontal
*	10027.0	50.6	-2.2	48.4	108.2	-59.8	Peak	Horizontal
	11021.5	51.6	-2.5	49.1	74.0	-24.9	Peak	Horizontal
*	14090.0	49.6	2.2	51.8	108.2	-56.4	Peak	Horizontal
	8301.5	50.6	-4.0	46.6	74.0	-27.4	Peak	Vertical
*	9916.5	50.6	-2.6	48.0	108.2	-60.2	Peak	Vertical
	11446.5	51.3	-2.9	48.4	74.0	-25.6	Peak	Vertical
*	14175.0	49.4	2.6	52.0	108.2	-56.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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/m)	Detector	Polarization
	8344.0	51.1	-4.0	47.1	74.0	-26.9	Peak	Horizontal
	11599.5	50.9	-2.9	48.0	74.0	-26.0	Peak	Horizontal
*	12900.0	51.7	-1.4	50.3	108.2	-57.9	Peak	Horizontal
*	14889.0	49.4	3.1	52.5	108.2	-55.7	Peak	Horizontal
	8293.0	51.7	-3.9	47.8	74.0	-26.2	Peak	Vertical
*	10443.5	51.4	-2.7	48.7	108.2	-59.5	Peak	Vertical
	10979.0	50.6	-2.5	48.1	74.0	-25.9	Peak	Vertical
*	14141.0	49.7	2.2	51.9	108.2	-56.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8301.5	50.6	-4.0	46.6	74.0	-27.4	Peak	Horizontal
*	9746.5	51.1	-2.8	48.3	108.2	-59.9	Peak	Horizontal
	10775.0	50.9	-2.4	48.5	74.0	-25.5	Peak	Horizontal
*	14047.5	49.0	2.1	51.1	108.2	-57.1	Peak	Horizontal
	8318.5	51.2	-4.0	47.2	74.0	-26.8	Peak	Vertical
*	10086.5	50.4	-2.4	48.0	108.2	-60.2	Peak	Vertical
	11140.5	51.3	-2.6	48.7	74.0	-25.3	Peak	Vertical
*	15118.5	49.2	3.9	53.1	108.2	-55.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Yien Qian
Test Date	2022-12-23	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/m)	Detector	Polarization
	8276.0	50.7	-4.1	46.6	74.0	-27.4	Peak	Horizontal
*	10052.5	50.6	-2.1	48.5	108.2	-59.7	Peak	Horizontal
	11786.5	51.6	-3.2	48.4	74.0	-25.6	Peak	Horizontal
*	13954.0	49.8	1.9	51.7	108.2	-56.5	Peak	Horizontal
	8301.5	51.0	-4.0	47.0	74.0	-27.0	Peak	Vertical
*	10418.0	51.0	-2.6	48.4	108.2	-59.8	Peak	Vertical
	11217.0	50.9	-2.8	48.1	74.0	-25.9	Peak	Vertical
*	14192.0	49.5	2.5	52.0	108.2	-56.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -7dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -7dBm/MHz to obtain the limit for out of band spurious emissions.

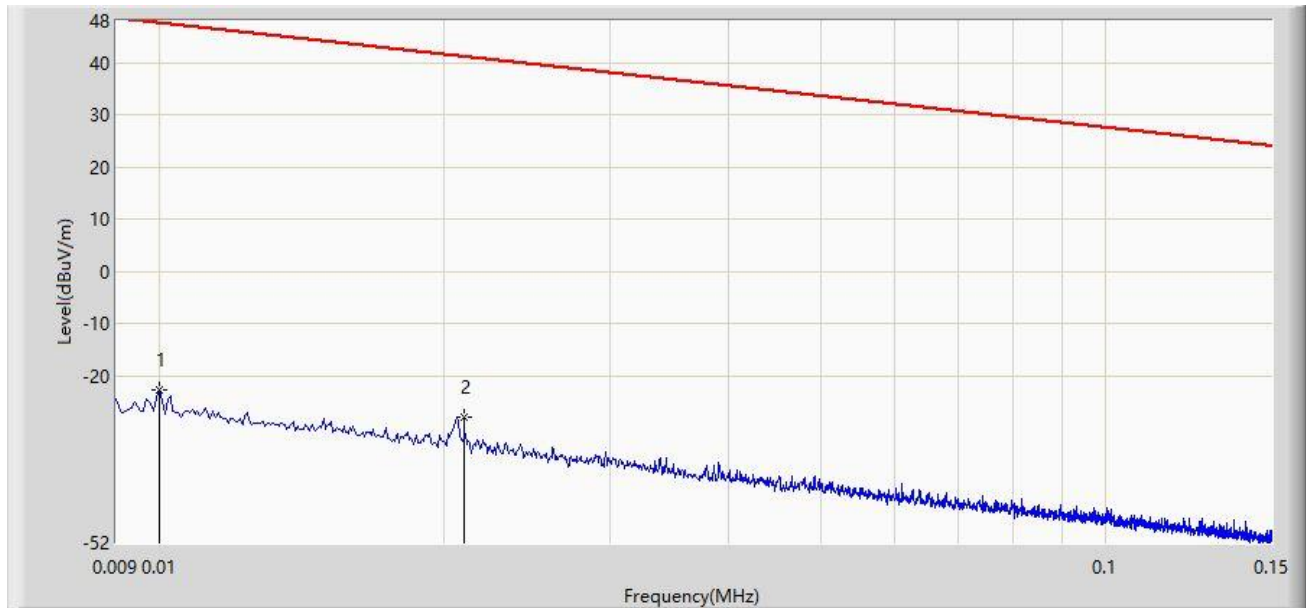
Note 2: Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Note 3: 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 30MHz:

Site: SIP-AC2	Time: 2023/04/03 - 18:42
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Mero Zhou
Probe: FMZB1519B_9kHz-30MHz	Polarity: Coplanar
EUT: ACCESS POINT	Power: By PoE
Note: Transmit by 802.11ac-VHT20 at channel 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		0.010	-22.711	37.362	-70.296	47.585	-60.073	PK
2	*	0.021	-27.984	32.529	-69.129	41.145	-60.513	PK

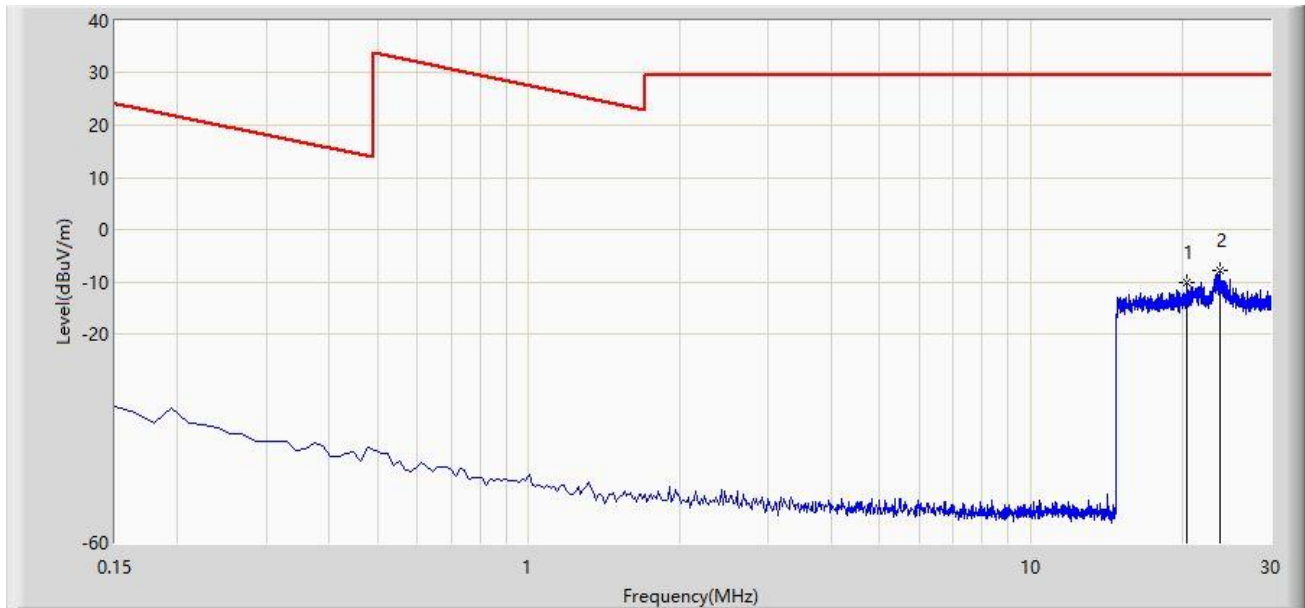
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC2	Time: 2023/04/03 - 18:43
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Mero Zhou
Probe: FMZB1519B_9kHz-30MHz	Polarity: Coplanar
EUT: ACCESS POINT	Power: By PoE
Note: Transmit by 802.11ac-VHT20 at channel 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		20.418	-10.272	10.942	-39.772	29.500	-21.214	PK
2	*	23.761	-7.831	13.341	-37.331	29.500	-21.172	PK

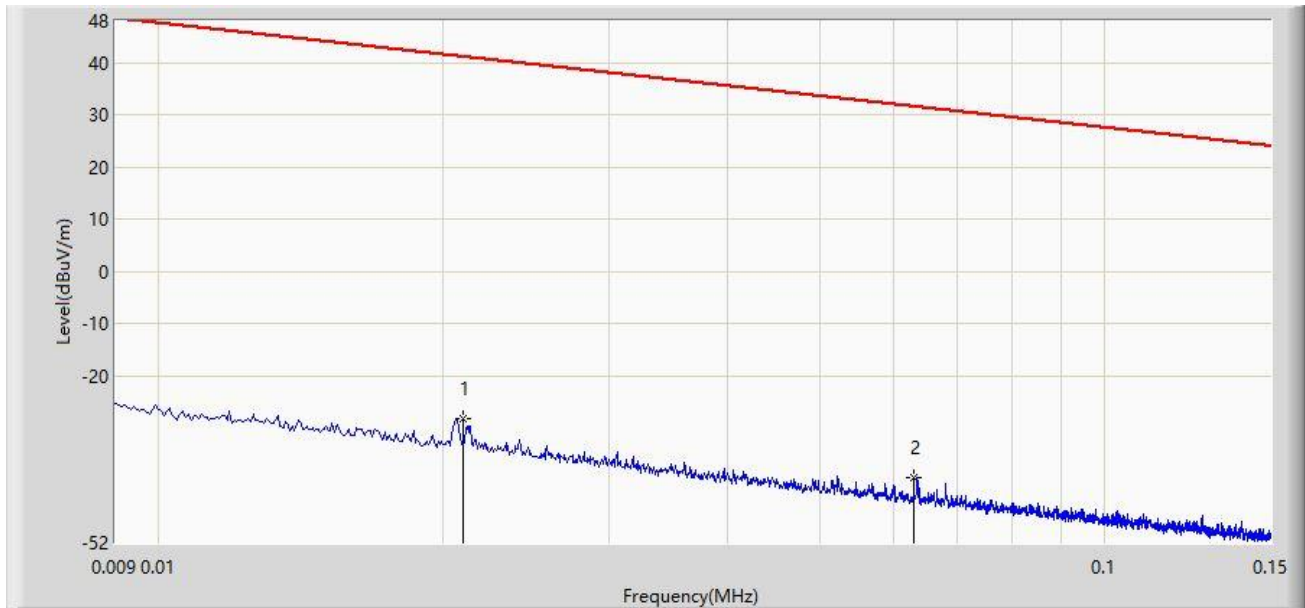
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC2	Time: 2023/04/03 - 18:44
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Mero Zhou
Probe: FMZB1519B_9kHz-30MHz	Polarity: Coaxial
EUT: ACCESS POINT	Power: By PoE
Note: Transmit by 802.11ac-VHT20 at channel 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	0.021	-28.356	32.157	-69.501	41.145	-60.513	PK
2		0.063	-39.419	21.904	-71.026	31.607	-61.323	PK

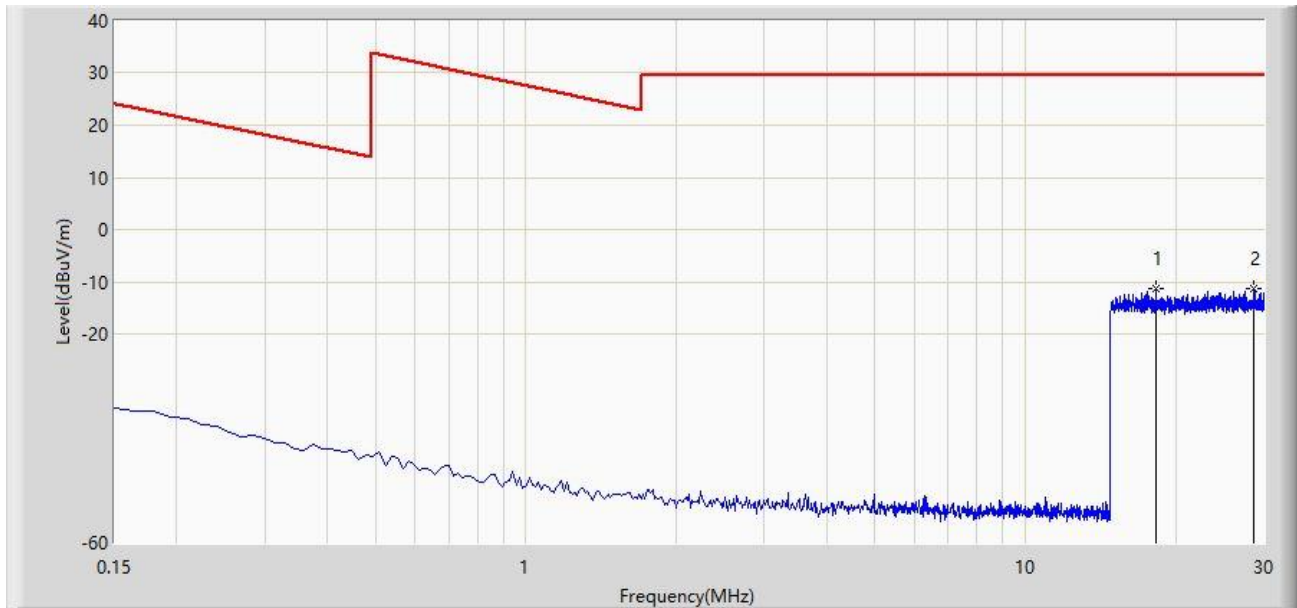
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC2	Time: 2023/04/03 - 18:45
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Mero Zhou
Probe: FMZB1519B_9kHz-30MHz	Polarity: Coaxial
EUT: ACCESS POINT	Power: By PoE
Note: Transmit by 802.11ac-VHT20 at channel 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		18.239	-11.367	9.872	-40.867	29.500	-21.239	PK
2	*	28.672	-11.178	9.391	-40.678	29.500	-20.570	PK

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

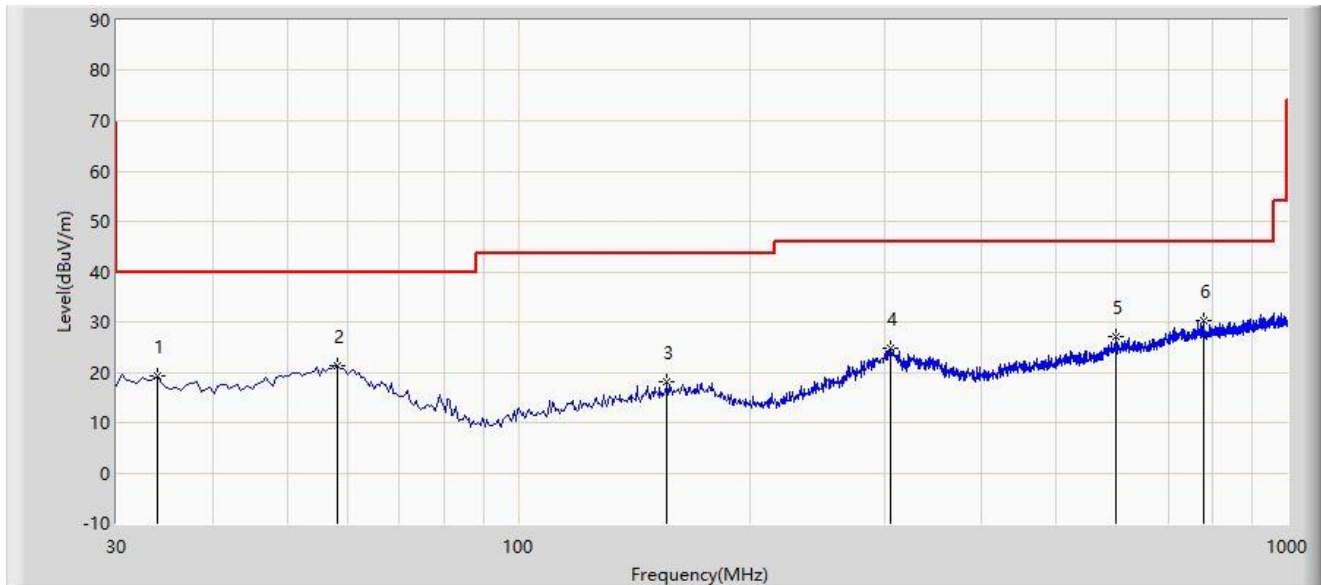
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

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

The Result of Radiated Emission below 1GHz:

Site: SIP-AC2	Test Date: 2023-01-05
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: VULB 9168_00999_25-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		33.880	19.160	2.155	-20.840	40.000	17.006	PK
2		58.130	21.406	3.280	-18.594	40.000	18.126	PK
3		156.100	18.204	0.140	-25.296	43.500	18.064	PK
4		305.480	24.645	5.960	-21.355	46.000	18.685	PK
5		598.420	27.119	1.175	-18.881	46.000	25.944	PK
6	*	777.385	30.328	1.547	-15.672	46.000	28.781	PK

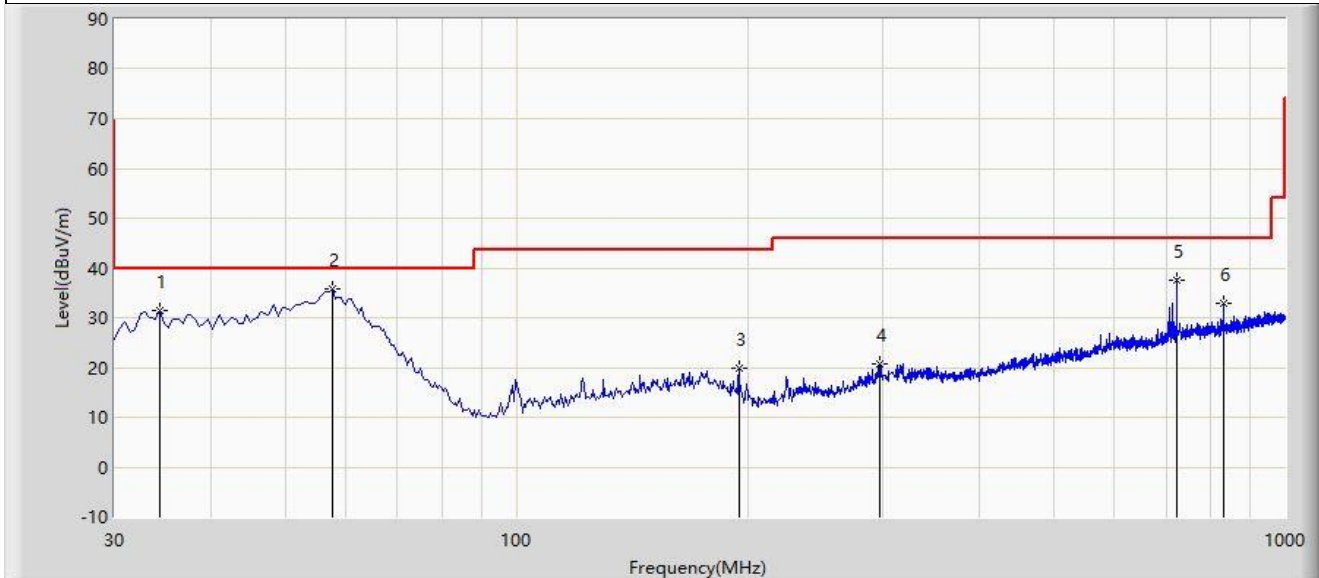
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC2	Test Date: 2023-01-05
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: VULB 9168_00999_25-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		34.365	31.545	14.477	-8.455	40.000	17.067	PK
2	*	57.645	35.673	17.504	-4.327	40.000	18.168	PK
3		194.900	19.823	4.556	-23.677	43.500	15.267	PK
4		296.750	20.591	2.167	-25.409	46.000	18.424	PK
5		722.095	37.675	9.888	-8.325	46.000	27.787	PK
6		830.735	33.025	4.017	-12.975	46.000	29.008	PK

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

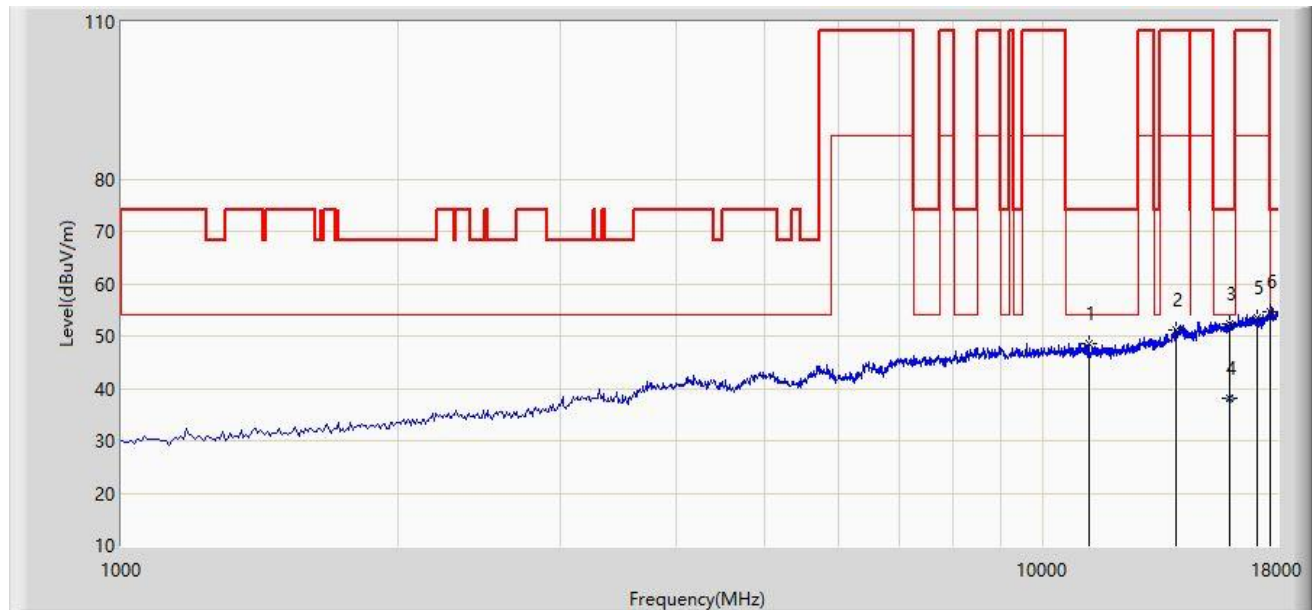
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

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

The Result of Radiated Emission above 1GHz:

Site: SIP-AC3	Time: 2022/12/23 - 23:57
Limit: FCC_Part15.209_RSE(3m)_5.9G	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: BY POE
Note: 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		11242.500	48.460	51.024	-25.540	74.000	-2.565	PK
2		13979.500	51.263	49.409	-56.937	108.200	1.853	PK
3		15951.500	52.396	48.121	-21.604	74.000	4.274	PK
4	*	15951.500	37.972	33.697	-16.028	54.000	4.274	AV
5		17116.000	53.350	48.640	-54.850	108.200	4.711	PK
6		17660.000	54.621	48.983	-53.579	108.200	5.638	PK

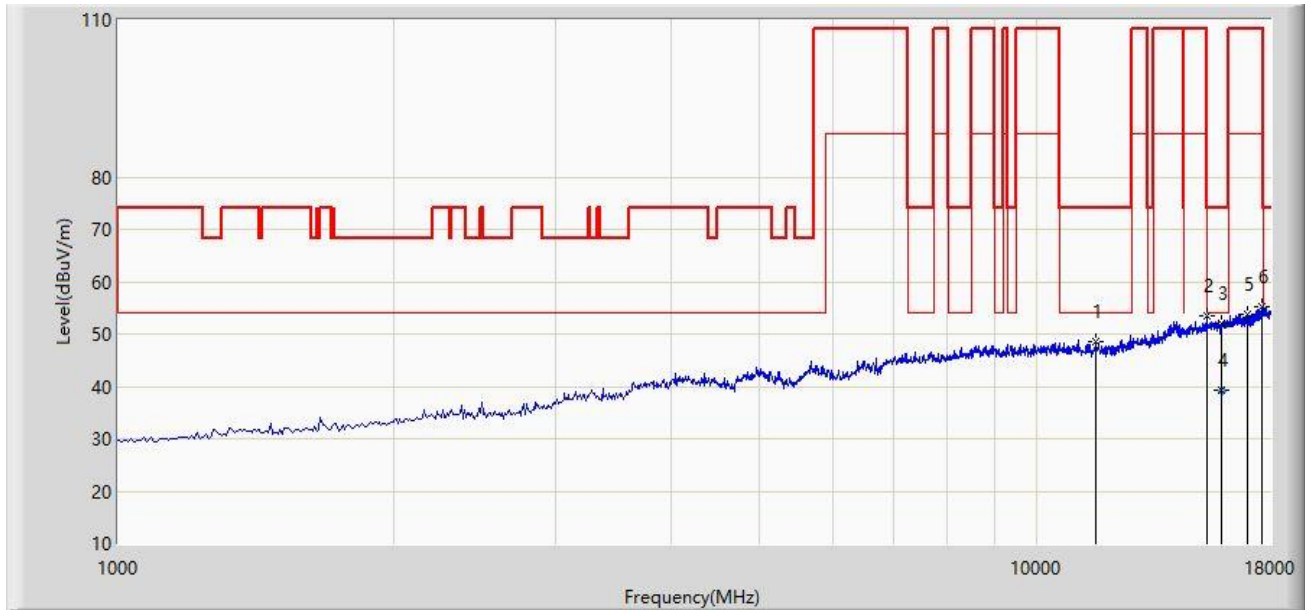
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC3	Time: 2022/12/24 - 00:02
Limit: FCC_Part15.209_RSE(3m)_5.9G	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: BY POE
Note: 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		11633.500	48.635	51.615	-25.365	74.000	-2.979	PK
2		15322.500	53.362	49.233	-54.838	108.200	4.129	PK
3		15909.000	52.053	47.779	-21.947	74.000	4.275	PK
4	*	15909.000	39.234	34.960	-14.766	54.000	4.275	AV
5		16963.000	53.669	47.676	-54.531	108.200	5.993	PK
6		17634.500	55.119	2.879	-53.081	108.200	52.239	PK

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

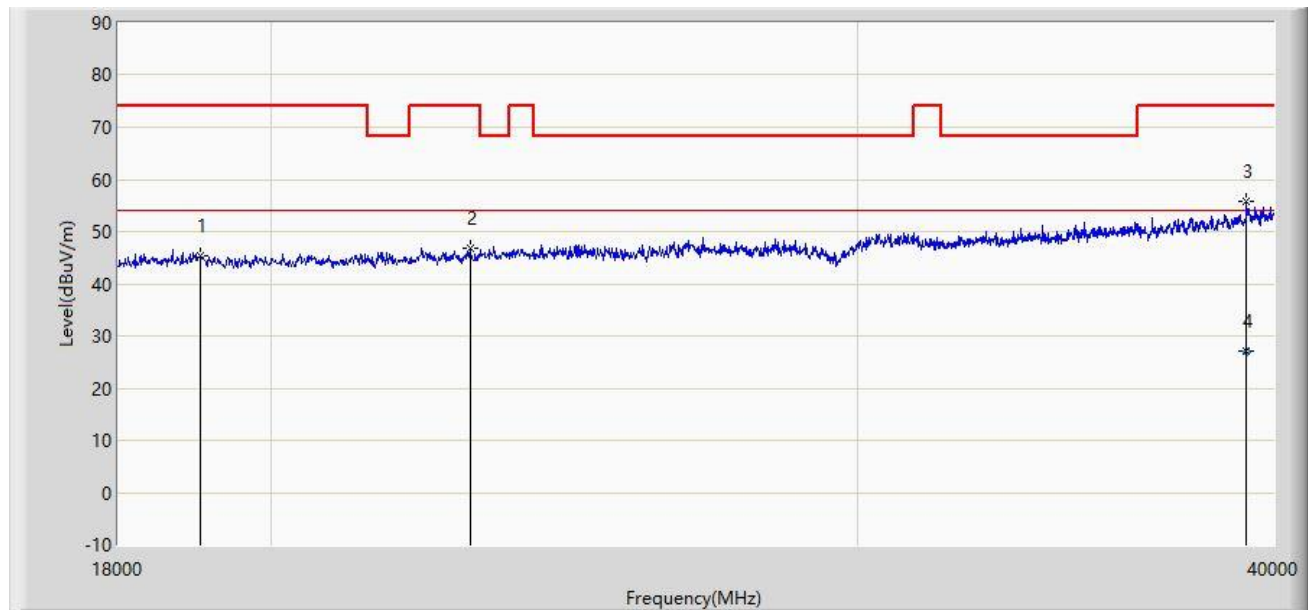
Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

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

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

The Result of Radiated Emission above 18GHz:

Site: SIP-AC2	Time: 2023/01/10 - 09:38
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: BBHA 9170_00934_18-40GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Note: Transmit by 802.11ac-VHT20 at channel 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		19056.000	45.504	57.465	-28.496	74.000	-11.961	PK
2		22961.000	46.693	56.231	-27.307	74.000	-9.537	PK
3	*	39263.000	55.877	55.666	-18.123	74.000	0.211	PK
4		39263.000	26.961	26.750	-27.039	54.000	0.211	AV

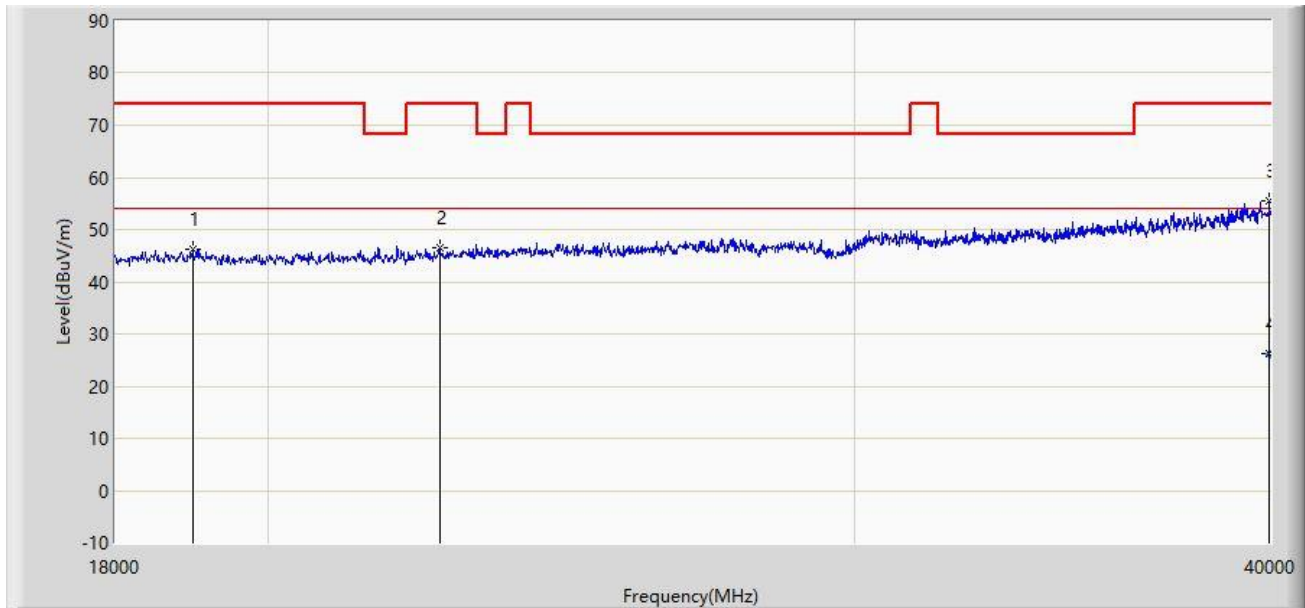
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC2	Time: 2023/01/10 - 09:40
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: BBHA 9170_00934_18-40GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Note: Transmit by 802.11ac-VHT20 at channel 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		18990.000	46.362	57.735	-27.638	74.000	-11.373	PK
2		22532.000	46.600	56.123	-27.400	74.000	-9.523	PK
3	*	39956.000	55.433	55.360	-18.567	74.000	0.073	PK
4		39956.000	26.193	26.120	-27.807	54.000	0.073	AV

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

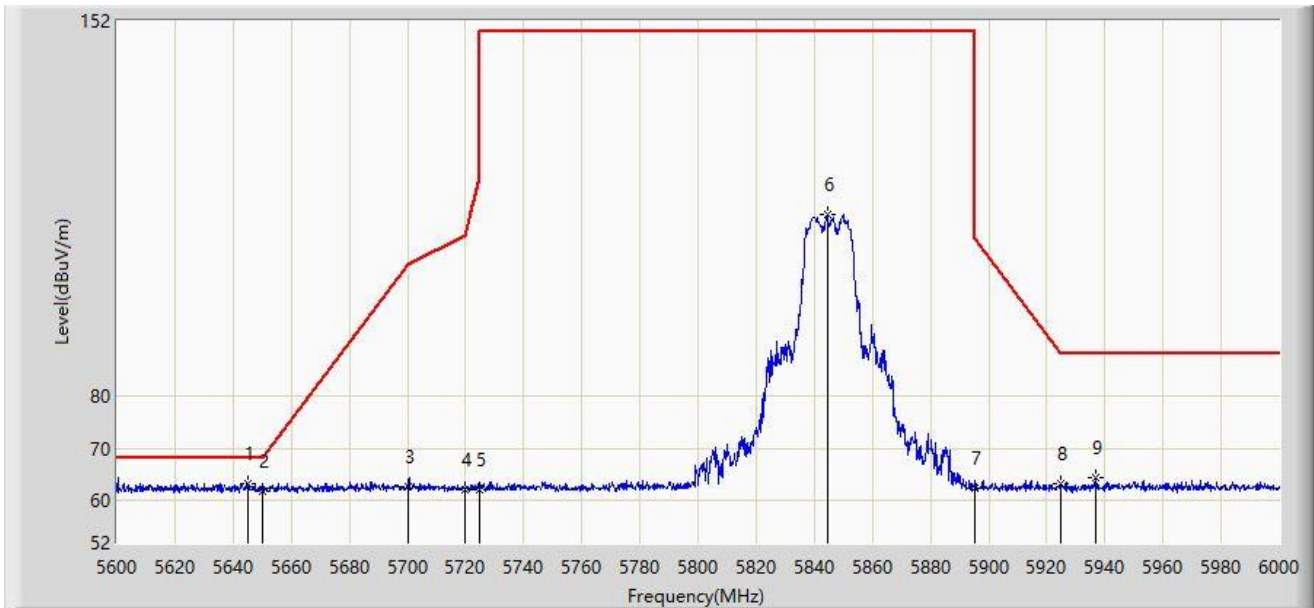
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

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

A.8 Radiated Restricted Band Edge Test Result

Site: SIP-AC3	Time: 2022/12/22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11a at 5845MHz	



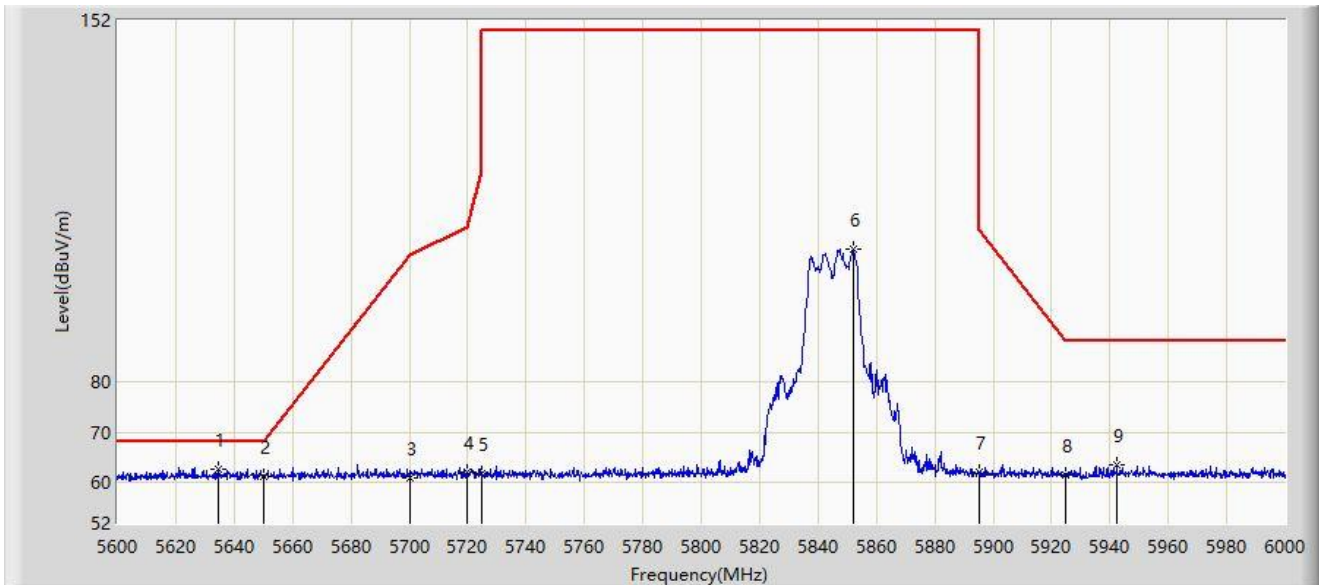
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5645.200	63.393	71.504	-4.807	68.200	-8.112	PK
2		5650.000	61.712	69.817	-6.488	68.200	-8.105	PK
3		5700.000	62.858	70.753	-42.342	105.200	-7.895	PK
4		5720.000	62.152	70.147	-48.648	110.800	-7.996	PK
5		5725.000	62.239	70.220	-59.961	122.200	-7.982	PK
6		5844.400	115.020	122.897	N/A	N/A	-7.877	PK
7		5895.000	62.416	70.367	-47.784	110.200	-7.951	PK
8		5925.000	63.206	23.327	-24.994	88.200	39.879	PK
9		5937.000	64.406	72.354	-23.794	88.200	-7.948	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11a at 5845MHz	



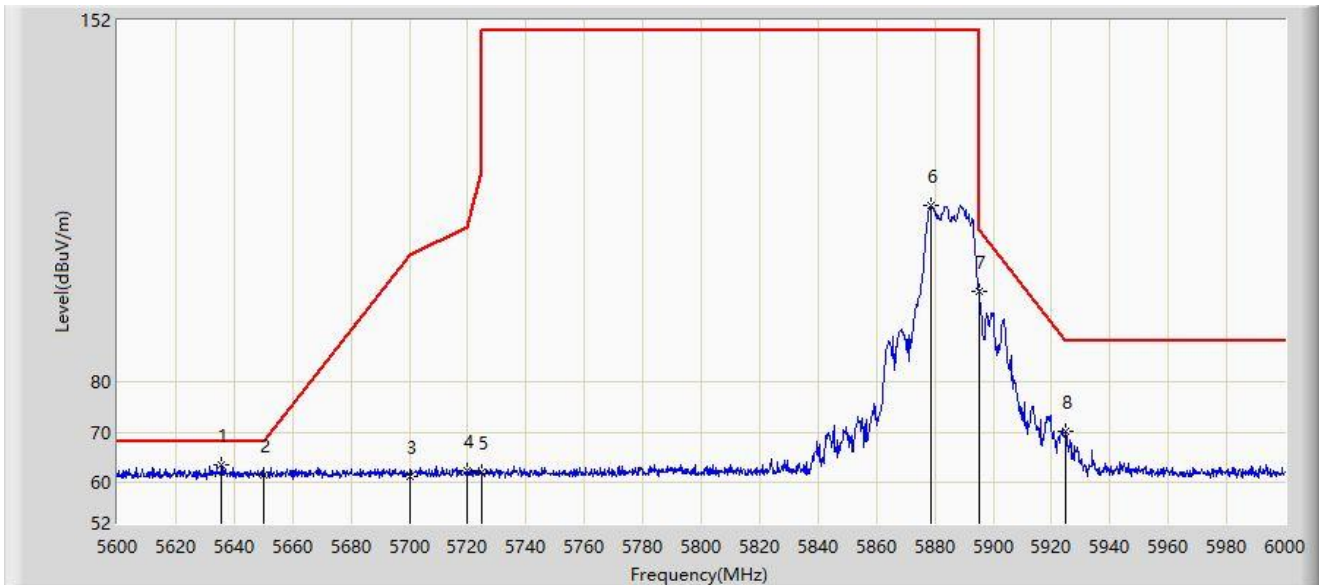
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5634.400	62.722	70.813	-5.478	68.200	-8.091	PK
2		5650.000	61.361	69.466	-6.839	68.200	-8.105	PK
3		5700.000	61.073	68.968	-44.127	105.200	-7.895	PK
4		5720.000	62.199	70.194	-48.601	110.800	-7.996	PK
5		5725.000	61.798	69.779	-60.402	122.200	-7.982	PK
6		5852.000	106.525	114.416	N/A	N/A	-7.892	PK
7		5895.000	62.002	69.953	-48.198	110.200	-7.951	PK
8		5925.000	61.659	69.696	-26.541	88.200	-8.038	PK
9		5942.400	63.622	71.439	-24.578	88.200	-7.816	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11a at 5885MHz	



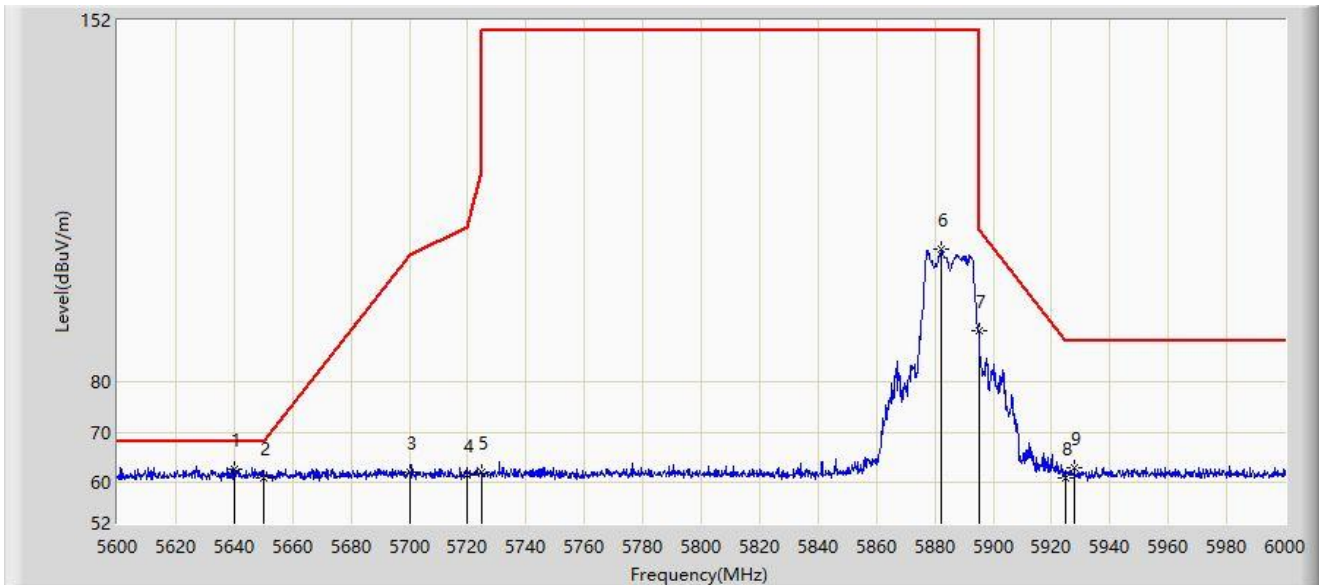
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5635.800	63.465	71.562	-4.735	68.200	-8.097	PK
2		5650.000	61.664	69.769	-6.536	68.200	-8.105	PK
3		5700.000	61.396	69.291	-43.804	105.200	-7.895	PK
4		5720.000	62.327	70.322	-48.473	110.800	-7.996	PK
5		5725.000	62.187	70.168	-60.013	122.200	-7.982	PK
6		5878.800	115.087	122.997	N/A	N/A	-7.910	PK
7		5895.000	98.176	106.127	-12.024	110.200	-7.951	PK
8		5925.000	70.319	78.356	-17.881	88.200	-8.038	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11a at 5885MHz	



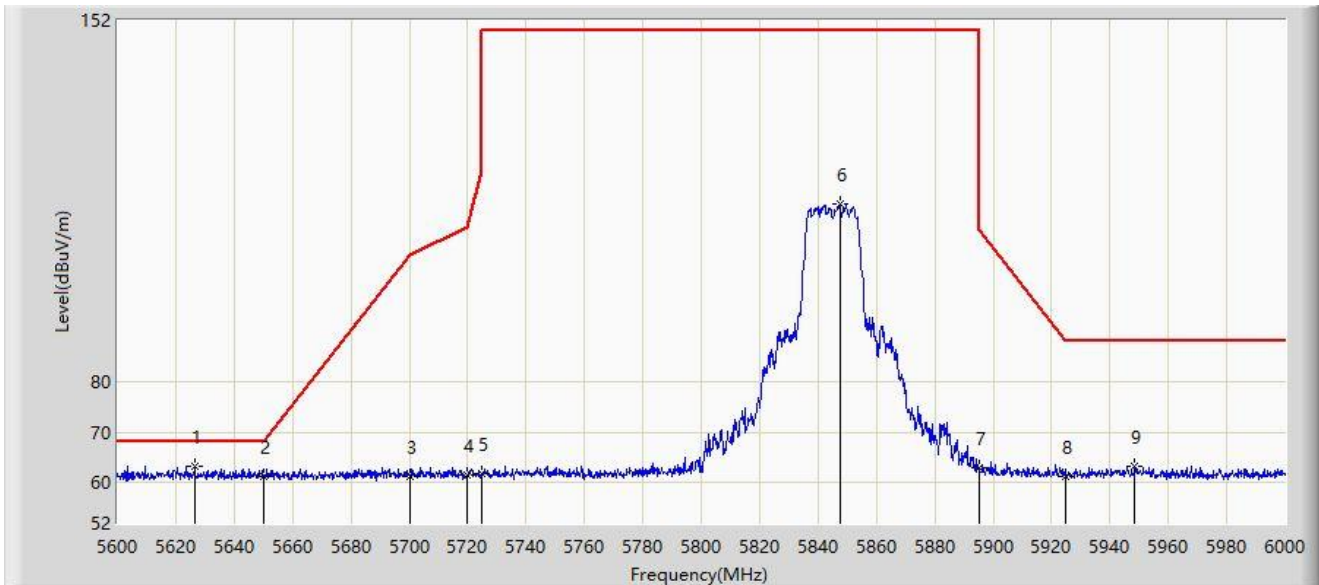
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5640.200	62.759	70.872	-5.441	68.200	-8.113	PK
2		5650.000	61.046	69.151	-7.154	68.200	-8.105	PK
3		5700.000	62.055	69.950	-43.145	105.200	-7.895	PK
4		5720.000	61.544	69.539	-49.256	110.800	-7.996	PK
5		5725.000	62.048	70.029	-60.152	122.200	-7.982	PK
6		5882.400	106.550	114.469	N/A	N/A	-7.918	PK
7		5895.000	90.177	98.128	-20.023	110.200	-7.951	PK
8		5925.000	61.043	69.080	-27.157	88.200	-8.038	PK
9		5927.800	62.908	70.990	-25.292	88.200	-8.083	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5845MHz	



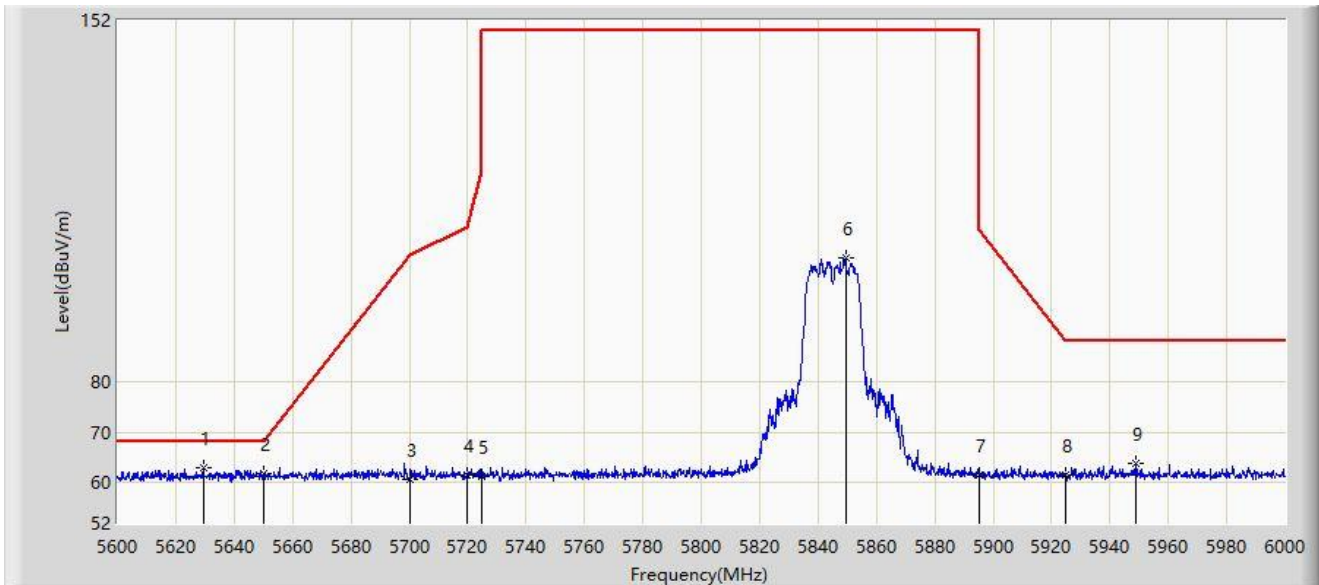
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5626.600	63.297	71.359	-4.903	68.200	-8.062	PK
2		5650.000	61.291	69.396	-6.909	68.200	-8.105	PK
3		5700.000	61.209	69.104	-43.991	105.200	-7.895	PK
4		5720.000	61.625	69.620	-49.175	110.800	-7.996	PK
5		5725.000	61.817	69.798	-60.383	122.200	-7.982	PK
6		5847.400	115.584	123.465	N/A	N/A	-7.881	PK
7		5895.000	62.979	70.930	-47.221	110.200	-7.951	PK
8		5925.000	61.218	69.255	-26.982	88.200	-8.038	PK
9		5948.600	63.198	70.922	-25.002	88.200	-7.725	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5845MHz	



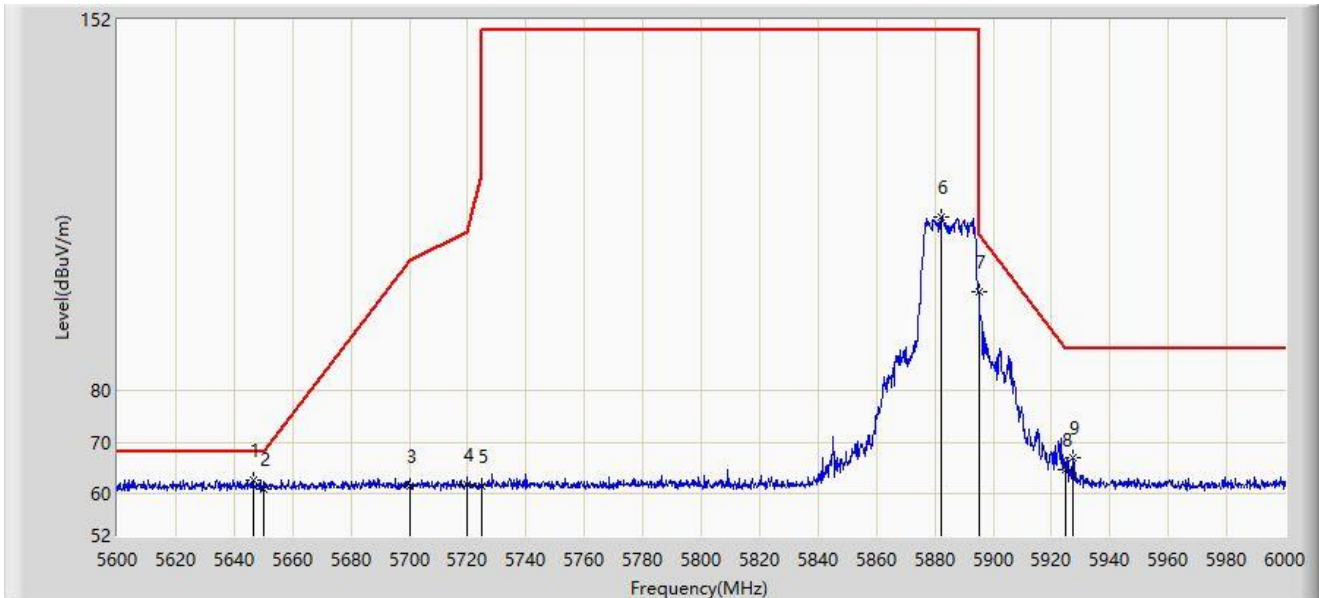
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5629.400	62.950	71.022	-5.250	68.200	-8.072	PK
2		5650.000	61.861	69.966	-6.339	68.200	-8.105	PK
3		5700.000	60.670	68.565	-44.530	105.200	-7.895	PK
4		5720.000	61.572	69.567	-49.228	110.800	-7.996	PK
5		5725.000	61.417	69.398	-60.783	122.200	-7.982	PK
6		5849.400	104.691	112.577	N/A	N/A	-7.886	PK
7		5895.000	61.556	69.507	-48.644	110.200	-7.951	PK
8		5925.000	61.567	69.604	-26.633	88.200	-8.038	PK
9		5949.000	63.945	71.673	-24.255	88.200	-7.729	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5885MHz	



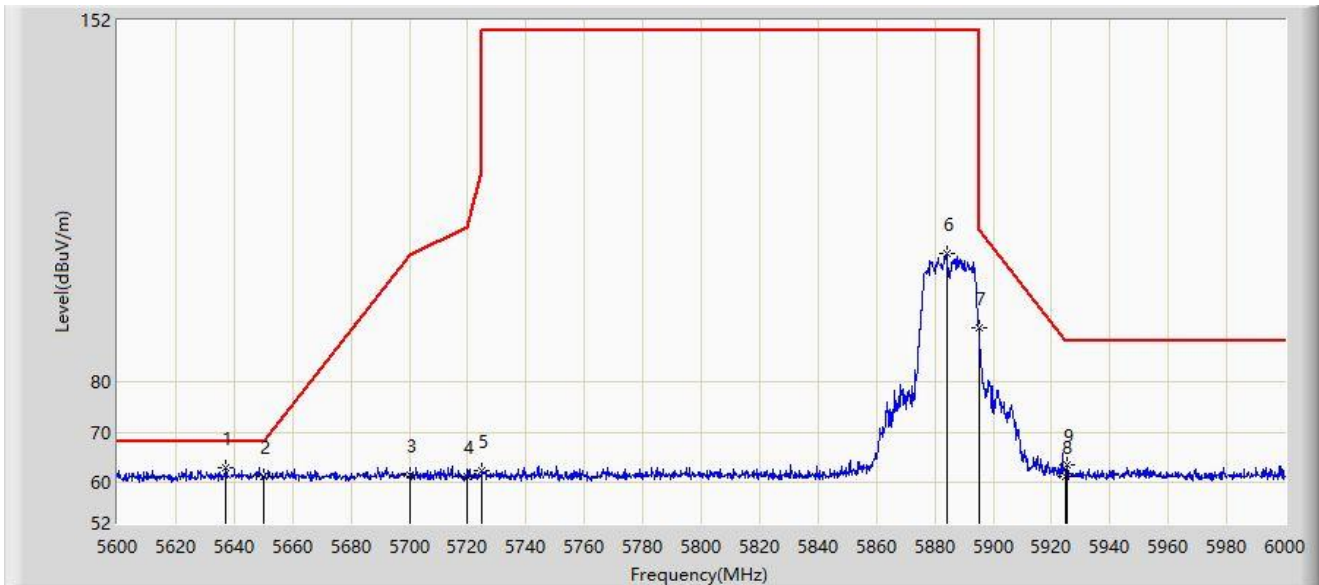
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5646.600	62.868	70.977	-5.332	68.200	-8.110	PK
2		5650.000	61.110	69.215	-7.090	68.200	-8.105	PK
3		5700.000	61.452	69.347	-43.748	105.200	-7.895	PK
4		5720.000	61.842	69.837	-48.958	110.800	-7.996	PK
5		5725.000	61.511	69.492	-60.689	122.200	-7.982	PK
6		5882.400	113.848	121.767	N/A	N/A	-7.918	PK
7		5895.000	99.386	107.337	-10.814	110.200	-7.951	PK
8		5925.000	64.699	72.736	-23.501	88.200	-8.038	PK
9		5927.400	67.025	75.101	-21.175	88.200	-8.075	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5885MHz	



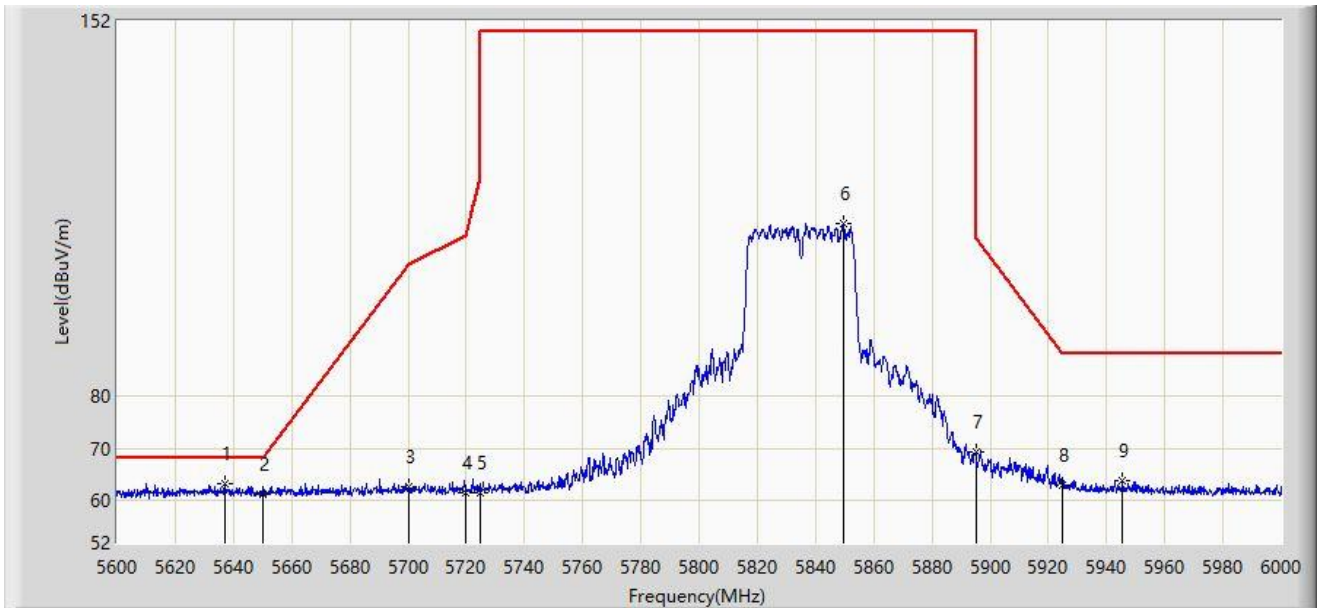
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5637.200	63.037	71.139	-5.163	68.200	-8.101	PK
2		5650.000	61.191	69.296	-7.009	68.200	-8.105	PK
3		5700.000	61.655	69.550	-43.545	105.200	-7.895	PK
4		5720.000	61.212	69.207	-49.588	110.800	-7.996	PK
5		5725.000	62.432	70.413	-59.768	122.200	-7.982	PK
6		5884.000	105.547	113.470	N/A	N/A	-7.923	PK
7		5895.000	90.813	98.764	-19.387	110.200	-7.951	PK
8		5925.000	61.265	69.302	-26.935	88.200	-8.038	PK
9		5925.400	63.602	71.646	-24.598	88.200	-8.043	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).

Site: SIP-AC3	Time: 2022/12/22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5835MHz	



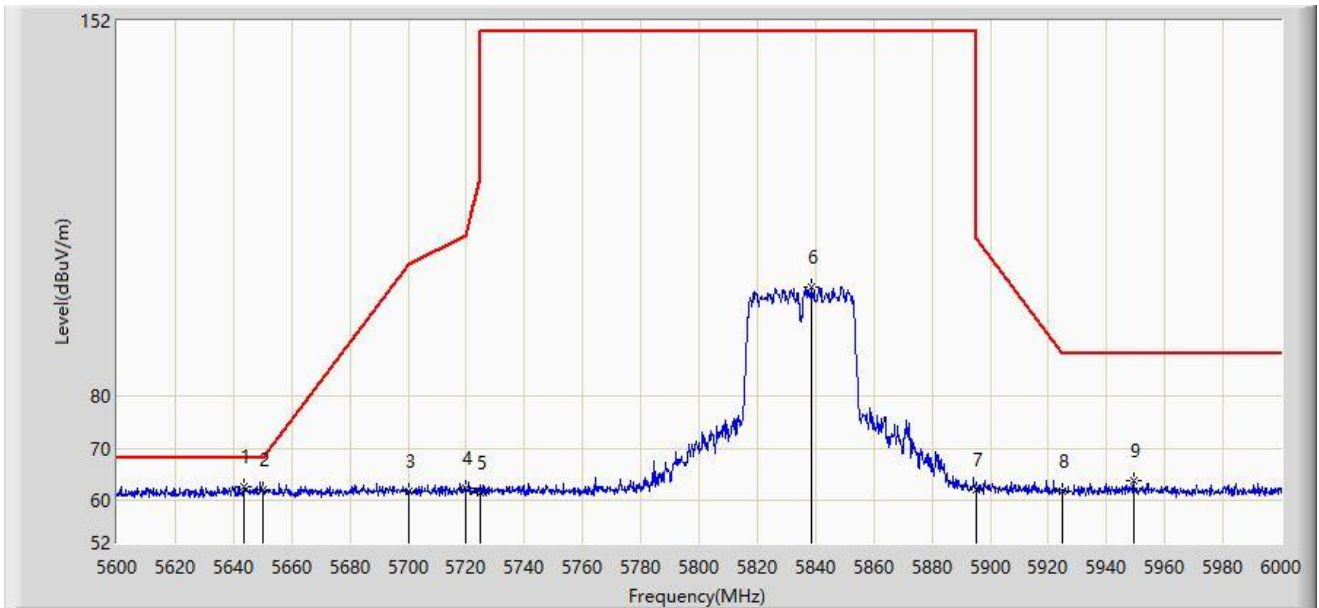
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5637.200	63.224	71.326	-4.976	68.200	-8.101	PK
2		5650.000	61.341	69.446	-6.859	68.200	-8.105	PK
3		5700.000	62.673	70.568	-42.527	105.200	-7.895	PK
4		5720.000	61.568	69.563	-49.232	110.800	-7.996	PK
5		5725.000	61.439	69.420	-60.761	122.200	-7.982	PK
6		5849.600	113.043	120.929	N/A	N/A	-7.886	PK
7		5895.000	69.336	77.287	-40.864	110.200	-7.951	PK
8		5925.000	63.069	23.190	-25.131	88.200	39.879	PK
9		5945.400	63.922	71.666	-24.278	88.200	-7.744	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).

Site: SIP-AC3	Time: 2022/12/22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5835MHz	



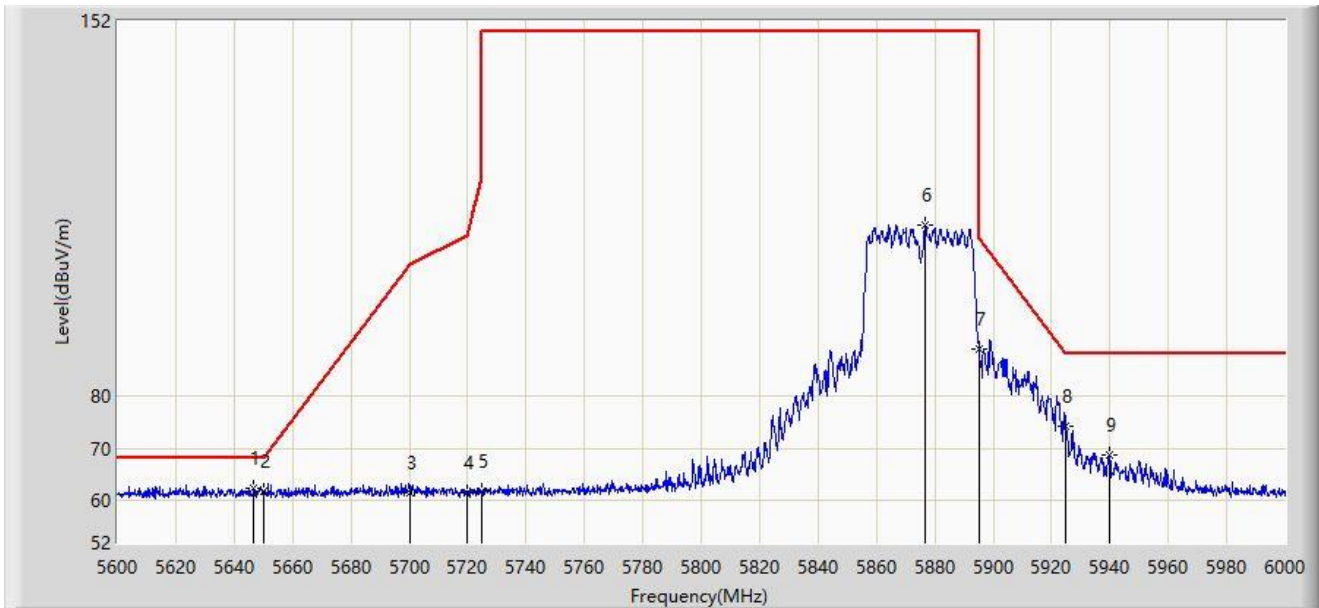
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5643.400	62.766	70.879	-5.434	68.200	-8.114	PK
2		5650.000	62.098	70.203	-6.102	68.200	-8.105	PK
3		5700.000	61.808	69.703	-43.392	105.200	-7.895	PK
4		5720.000	62.497	70.492	-48.303	110.800	-7.996	PK
5		5725.000	61.693	69.674	-60.507	122.200	-7.982	PK
6		5838.600	100.961	108.848	N/A	N/A	-7.886	PK
7		5895.000	62.059	70.010	-48.141	110.200	-7.951	PK
8		5925.000	61.865	21.986	-26.335	88.200	39.879	PK
9		5949.200	63.870	71.601	-24.330	88.200	-7.731	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).

Site: SIP-AC3	Time: 2022/12/22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5875MHz	



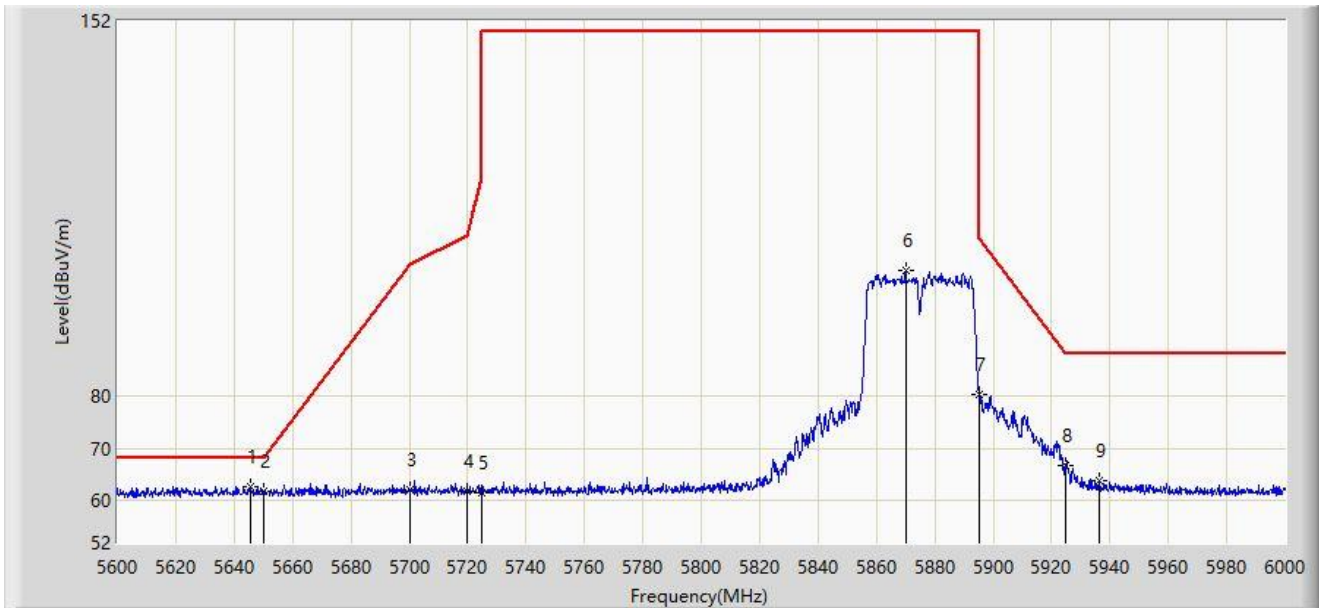
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5646.800	62.522	70.631	-5.678	68.200	-8.109	PK
2		5650.000	61.789	69.894	-6.411	68.200	-8.105	PK
3		5700.000	61.531	69.426	-43.669	105.200	-7.895	PK
4		5720.000	61.583	69.578	-49.217	110.800	-7.996	PK
5		5725.000	61.905	69.886	-60.295	122.200	-7.982	PK
6		5876.800	112.953	120.863	N/A	N/A	-7.910	PK
7		5895.000	89.005	96.956	-21.195	110.200	-7.951	PK
8		5925.000	74.288	34.409	-13.912	88.200	39.879	PK
9		5939.600	68.735	76.620	-19.465	88.200	-7.885	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).

Site: SIP-AC3	Time: 2022/12/22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5875MHz	



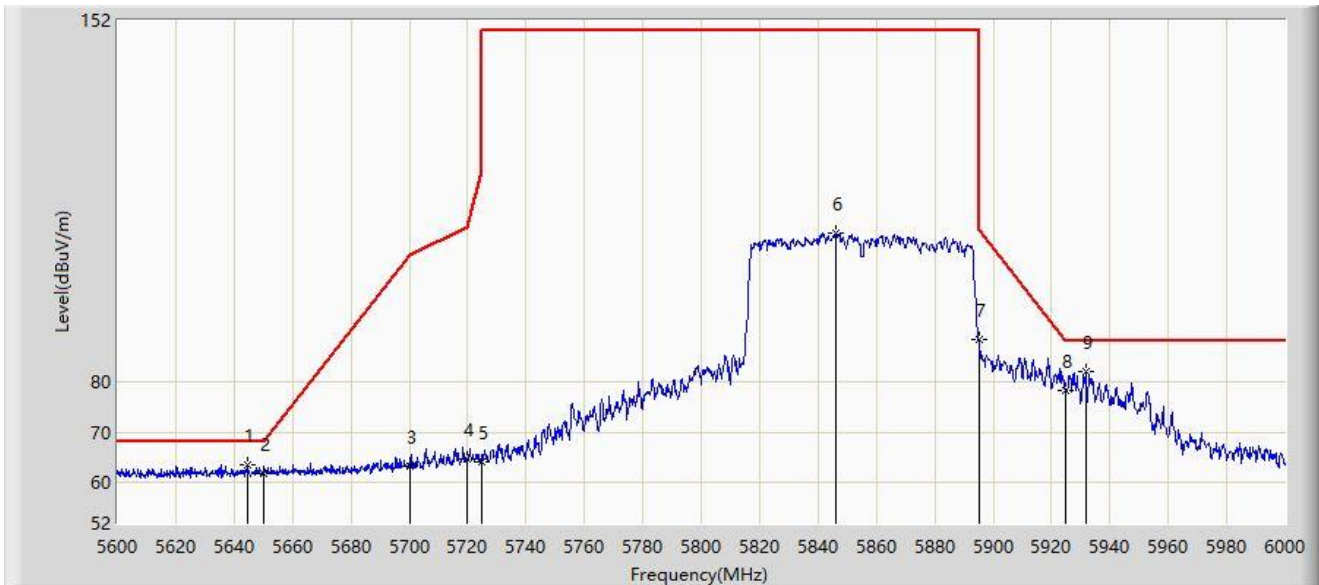
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5645.800	62.775	70.885	-5.425	68.200	-8.110	PK
2		5650.000	61.882	69.987	-6.318	68.200	-8.105	PK
3		5700.000	62.154	70.049	-43.046	105.200	-7.895	PK
4		5720.000	61.772	69.767	-49.028	110.800	-7.996	PK
5		5725.000	61.510	69.491	-60.690	122.200	-7.982	PK
6		5870.000	104.164	112.076	N/A	N/A	-7.913	PK
7		5895.000	80.483	88.434	-29.717	110.200	-7.951	PK
8		5925.000	66.723	26.844	-21.477	88.200	39.879	PK
9		5936.200	63.952	71.919	-24.248	88.200	-7.967	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5855MHz	



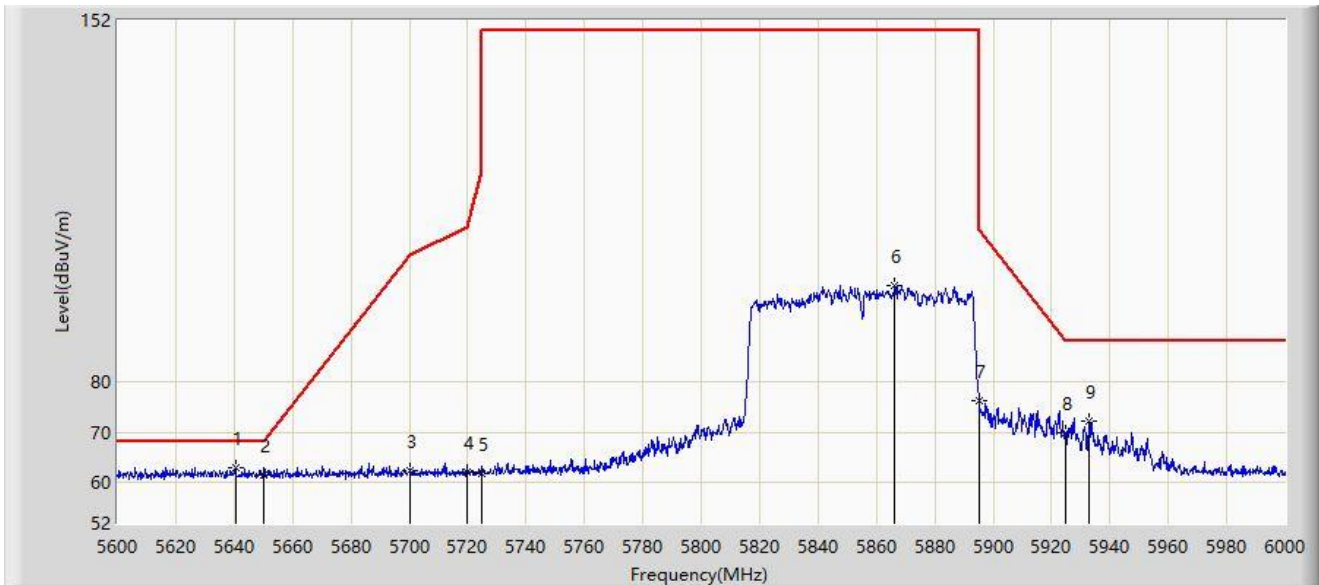
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5644.400	63.521	71.633	-4.679	68.200	-8.111	PK
2		5650.000	61.835	69.940	-6.365	68.200	-8.105	PK
3		5700.000	63.427	71.322	-41.773	105.200	-7.895	PK
4		5720.000	64.732	72.727	-46.068	110.800	-7.996	PK
5		5725.000	64.246	72.227	-57.954	122.200	-7.982	PK
6		5846.000	109.640	117.518	N/A	N/A	-7.877	PK
7		5895.000	88.543	96.494	-21.657	110.200	-7.951	PK
8		5925.000	78.307	86.344	-9.893	88.200	-8.038	PK
9		5931.600	82.118	90.196	-6.082	88.200	-8.078	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5855MHz	



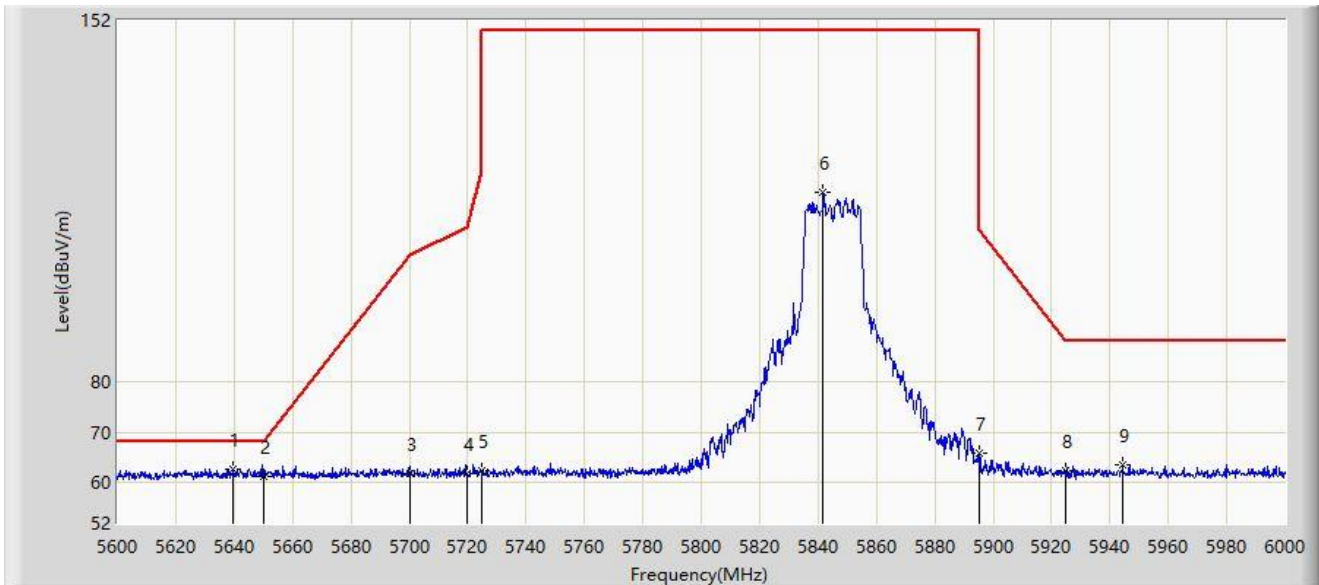
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5640.400	63.133	71.247	-5.067	68.200	-8.114	PK
2		5650.000	61.694	69.799	-6.506	68.200	-8.105	PK
3		5700.000	62.361	70.256	-42.839	105.200	-7.895	PK
4		5720.000	62.184	70.179	-48.616	110.800	-7.996	PK
5		5725.000	61.966	69.947	-60.234	122.200	-7.982	PK
6		5866.200	99.225	107.138	N/A	N/A	-7.914	PK
7		5895.000	76.324	84.275	-33.876	110.200	-7.951	PK
8		5925.000	69.827	77.864	-18.373	88.200	-8.038	PK
9		5933.000	72.377	80.422	-15.823	88.200	-8.044	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5845MHz	



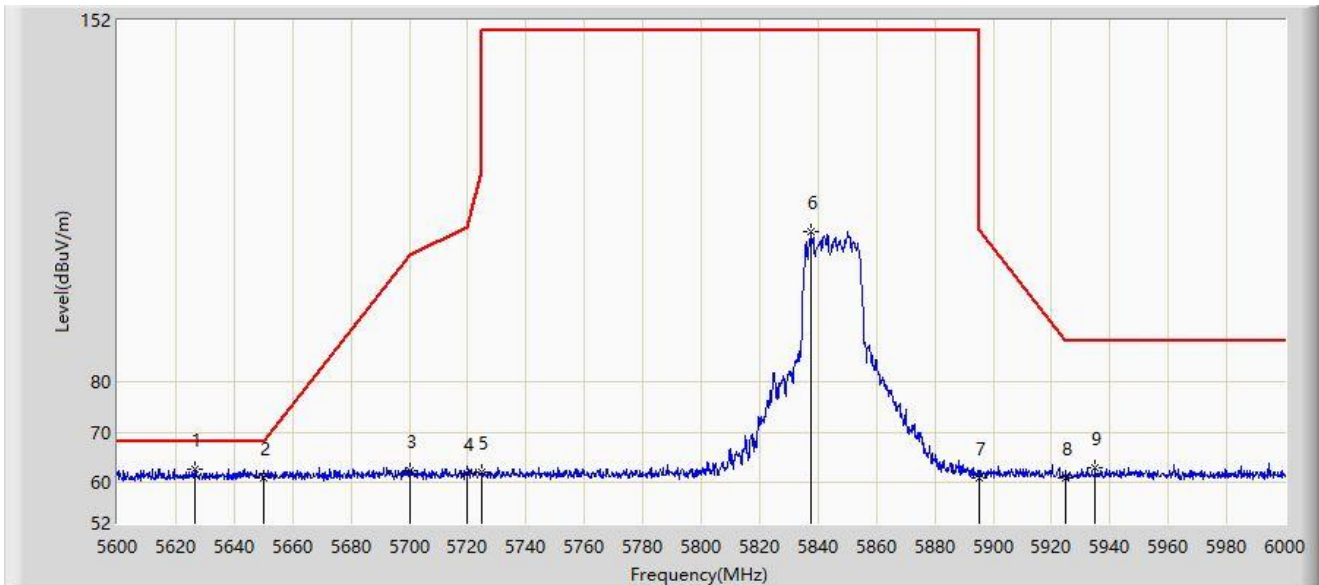
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5639.800	62.836	70.948	-5.364	68.200	-8.111	PK
2		5650.000	61.414	69.519	-6.786	68.200	-8.105	PK
3		5700.000	61.818	69.713	-43.382	105.200	-7.895	PK
4		5720.000	61.859	69.854	-48.941	110.800	-7.996	PK
5		5725.000	62.364	70.345	-59.836	122.200	-7.982	PK
6		5841.800	117.694	125.575	N/A	N/A	-7.881	PK
7		5895.000	66.051	74.002	-44.149	110.200	-7.951	PK
8		5925.000	62.502	70.539	-25.698	88.200	-8.038	PK
9		5944.400	63.483	71.251	-24.717	88.200	-7.768	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5845MHz	



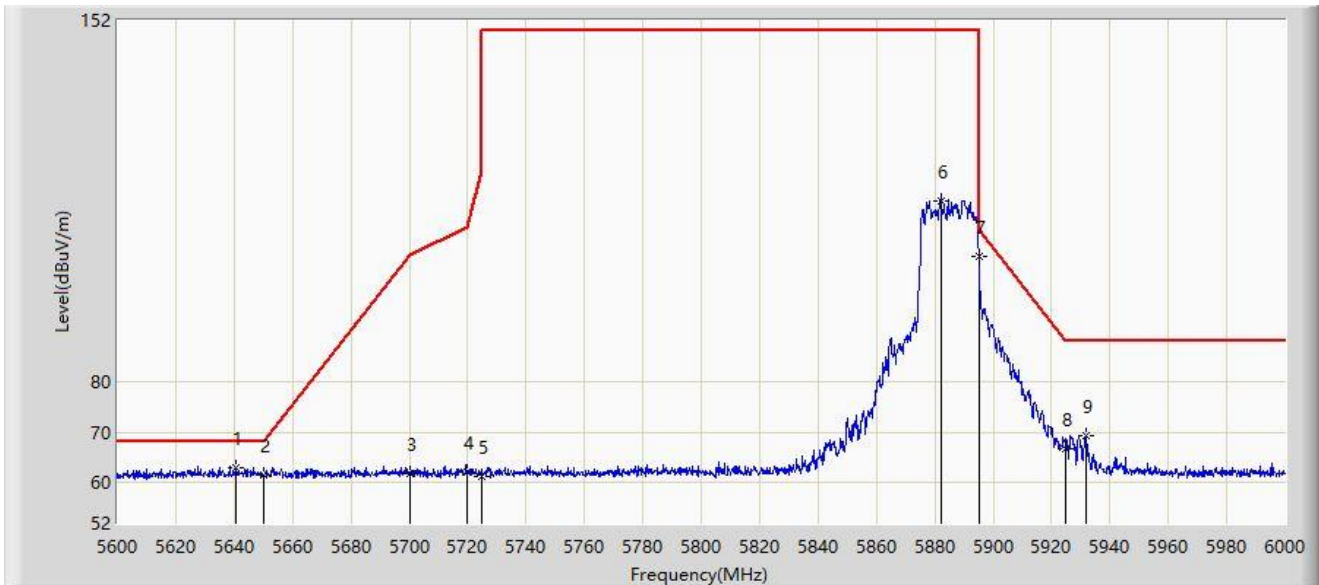
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5626.600	62.806	70.868	-5.394	68.200	-8.062	PK
2		5650.000	61.009	69.114	-7.191	68.200	-8.105	PK
3		5700.000	62.308	70.203	-42.892	105.200	-7.895	PK
4		5720.000	61.787	69.782	-49.013	110.800	-7.996	PK
5		5725.000	62.001	69.982	-60.199	122.200	-7.982	PK
6		5837.800	110.045	117.934	N/A	N/A	-7.889	PK
7		5895.000	61.119	69.070	-49.081	110.200	-7.951	PK
8		5925.000	61.003	69.040	-27.197	88.200	-8.038	PK
9		5934.800	63.072	71.073	-25.128	88.200	-8.000	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5885MHz	



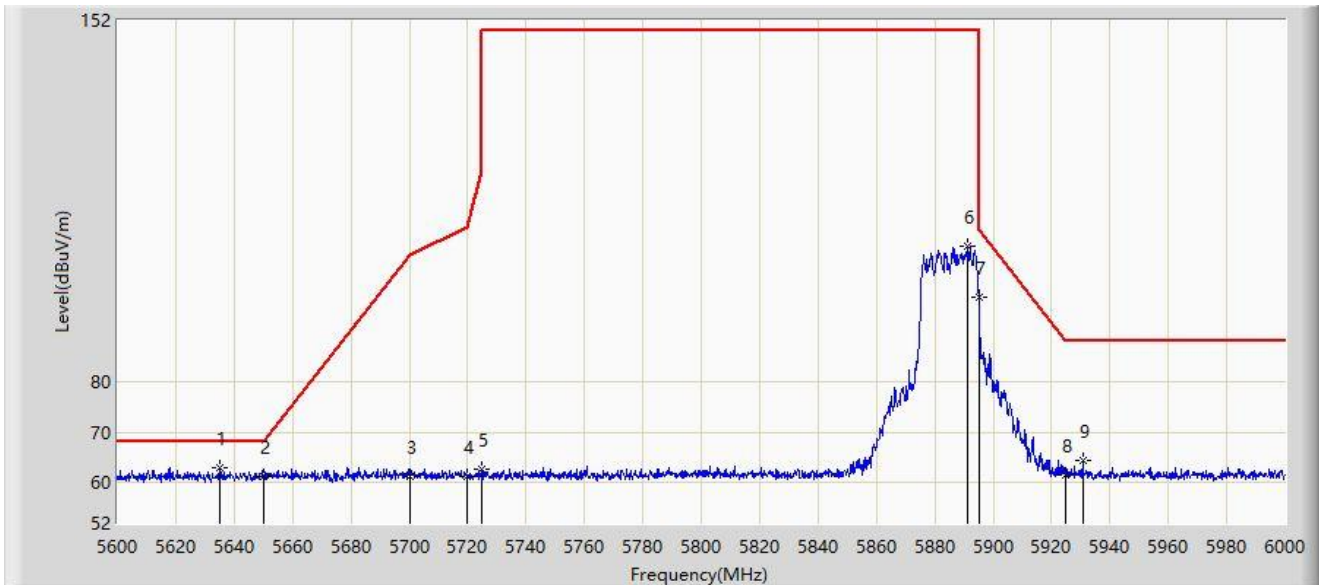
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5640.400	63.103	71.217	-5.097	68.200	-8.114	PK
2		5650.000	61.591	69.696	-6.609	68.200	-8.105	PK
3		5700.000	61.839	69.734	-43.361	105.200	-7.895	PK
4		5720.000	62.081	70.076	-48.719	110.800	-7.996	PK
5		5725.000	61.305	69.286	-60.895	122.200	-7.982	PK
6		5882.200	116.155	124.073	N/A	N/A	-7.918	PK
7		5895.000	105.082	113.033	-5.118	110.200	-7.951	PK
8		5925.000	66.762	74.799	-21.438	88.200	-8.038	PK
9		5932.000	69.503	77.572	-18.697	88.200	-8.070	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5885MHz	



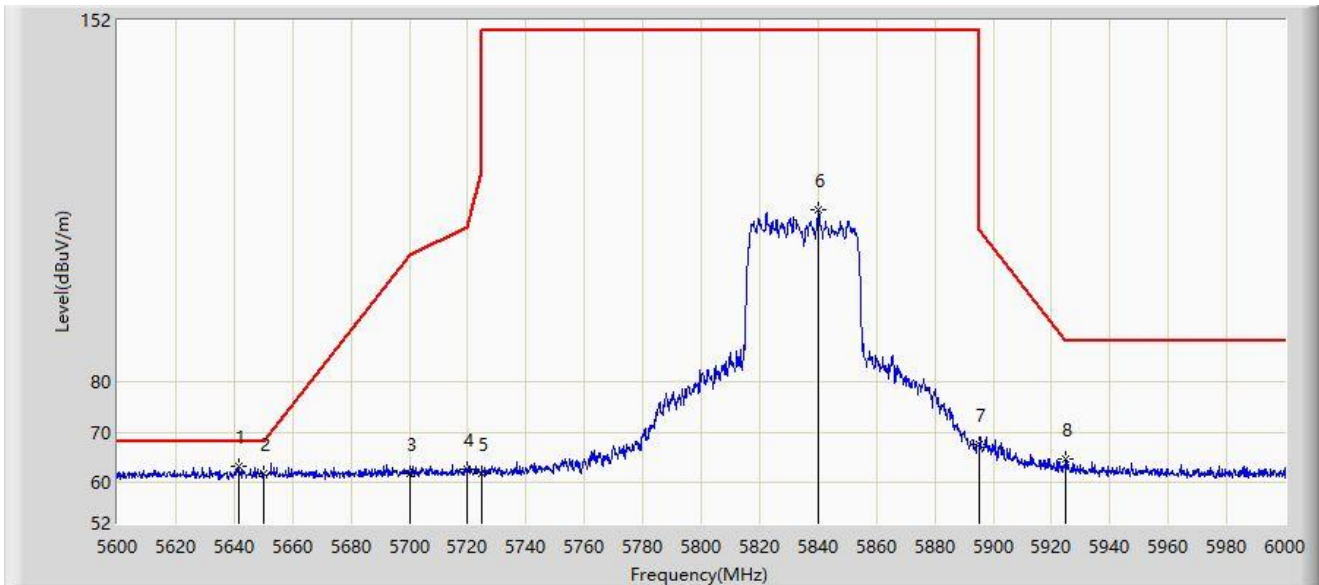
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5635.200	63.024	71.118	-5.176	68.200	-8.094	PK
2		5650.000	61.343	69.448	-6.857	68.200	-8.105	PK
3		5700.000	61.367	69.262	-43.833	105.200	-7.895	PK
4		5720.000	61.152	69.147	-49.648	110.800	-7.996	PK
5		5725.000	62.646	70.627	-59.554	122.200	-7.982	PK
6		5891.000	107.157	115.098	N/A	N/A	-7.941	PK
7		5895.000	96.789	104.740	-13.411	110.200	-7.951	PK
8		5925.000	61.487	69.524	-26.713	88.200	-8.038	PK
9		5930.600	64.461	72.564	-23.739	88.200	-8.102	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5835MHz	



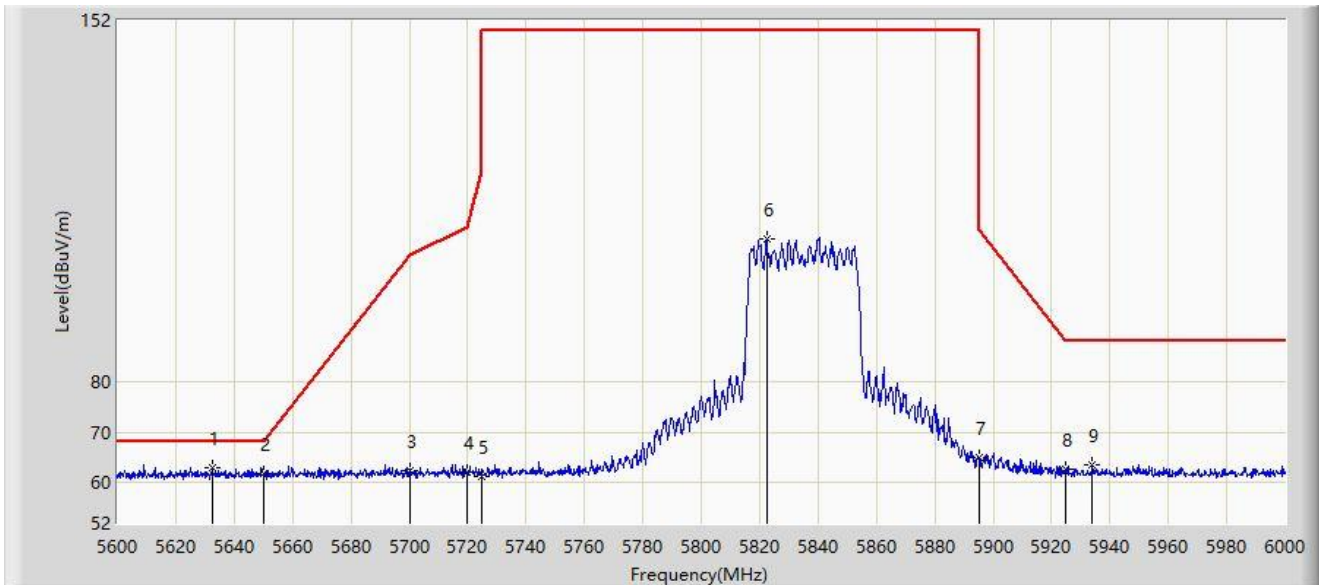
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5641.400	63.283	71.399	-4.917	68.200	-8.116	PK
2		5650.000	61.919	70.024	-6.281	68.200	-8.105	PK
3		5700.000	61.870	69.765	-43.330	105.200	-7.895	PK
4		5720.000	62.720	70.715	-48.080	110.800	-7.996	PK
5		5725.000	61.863	69.844	-60.337	122.200	-7.982	PK
6		5840.200	114.194	122.078	N/A	N/A	-7.885	PK
7		5895.000	67.518	75.469	-42.682	110.200	-7.951	PK
8		5925.000	64.843	72.880	-23.357	88.200	-8.038	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5835MHz	



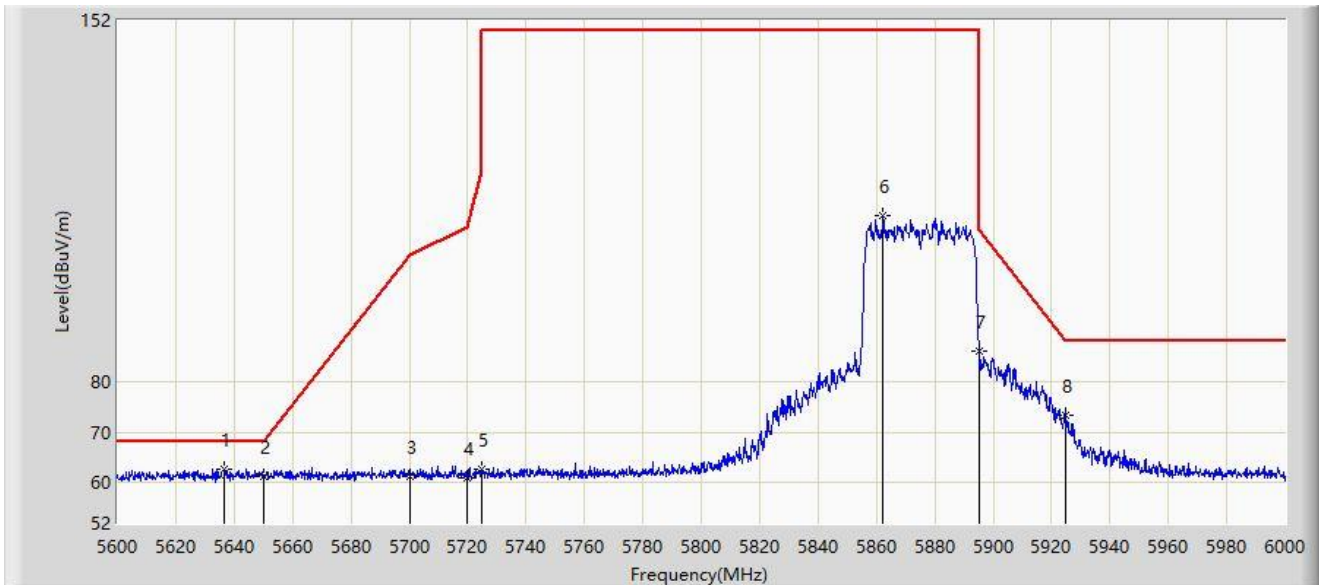
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5632.400	63.096	71.180	-5.104	68.200	-8.084	PK
2		5650.000	61.869	69.974	-6.331	68.200	-8.105	PK
3		5700.000	62.454	70.349	-42.746	105.200	-7.895	PK
4		5720.000	62.162	70.157	-48.638	110.800	-7.996	PK
5		5725.000	61.259	69.240	-60.941	122.200	-7.982	PK
6		5822.400	108.664	116.543	N/A	N/A	-7.879	PK
7		5895.000	64.931	72.882	-45.269	110.200	-7.951	PK
8		5925.000	62.803	70.840	-25.397	88.200	-8.038	PK
9		5934.000	63.553	71.573	-24.647	88.200	-8.020	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5875MHz	



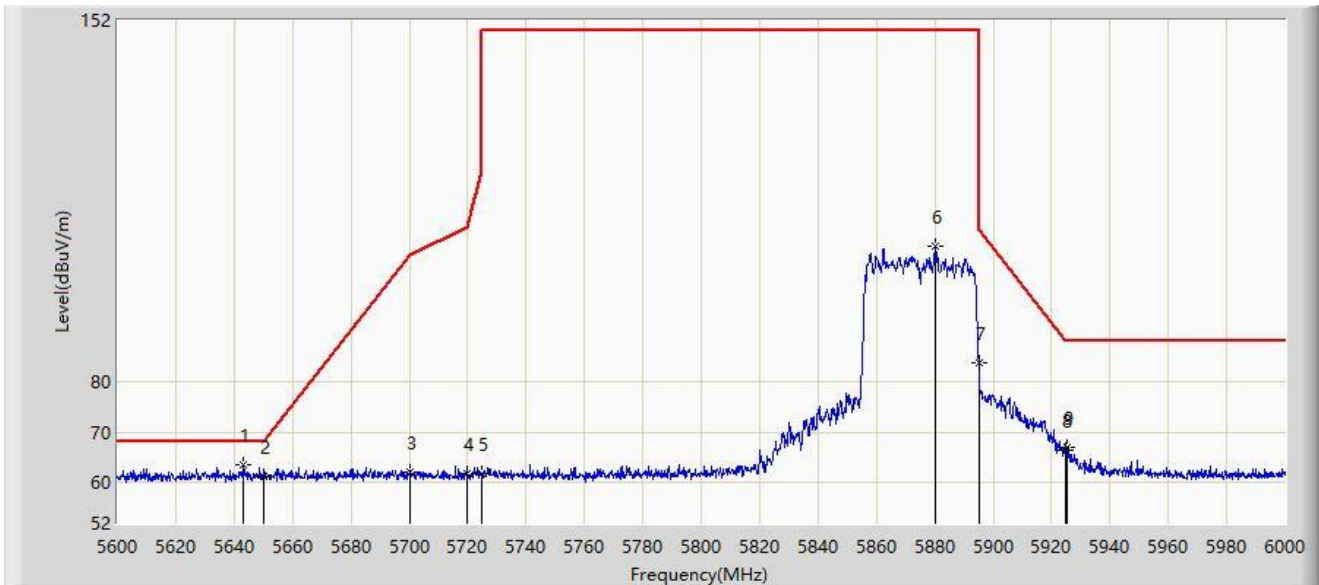
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5636.600	62.730	70.830	-5.470	68.200	-8.100	PK
2		5650.000	61.197	69.302	-7.003	68.200	-8.105	PK
3		5700.000	61.320	69.215	-43.880	105.200	-7.895	PK
4		5720.000	60.997	68.992	-49.803	110.800	-7.996	PK
5		5725.000	62.617	70.598	-59.583	122.200	-7.982	PK
6		5862.400	113.217	121.131	N/A	N/A	-7.915	PK
7		5895.000	86.323	94.274	-23.877	110.200	-7.951	PK
8		5925.000	73.370	81.407	-14.830	88.200	-8.038	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5875MHz	



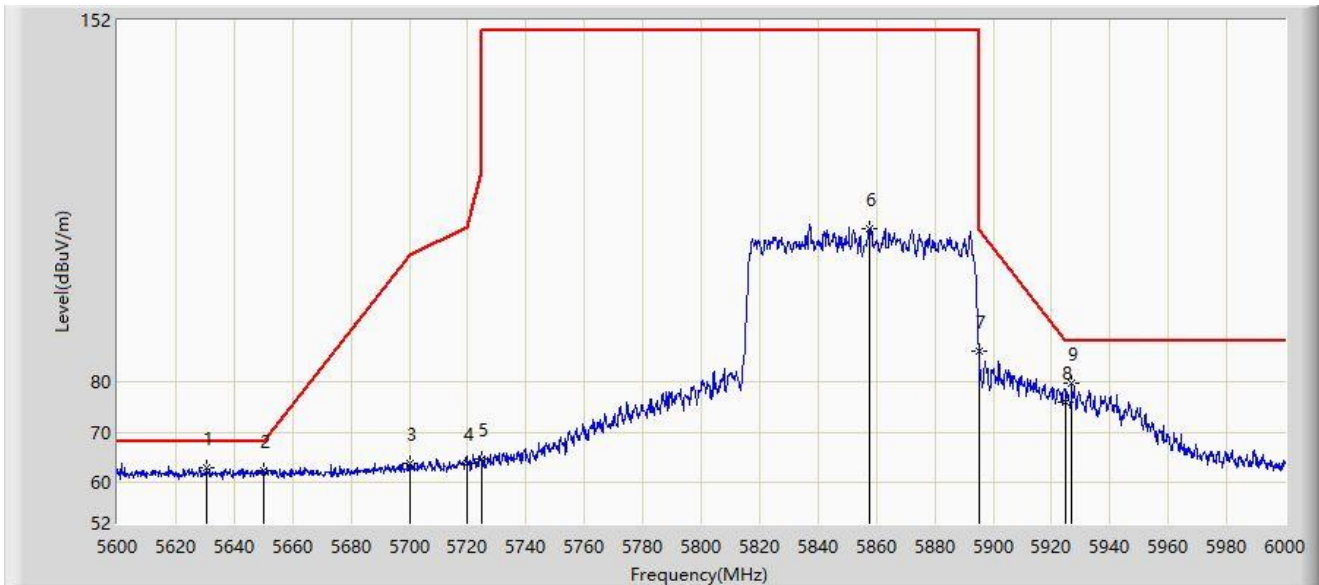
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5643.200	63.593	71.707	-4.607	68.200	-8.114	PK
2		5650.000	61.196	69.301	-7.004	68.200	-8.105	PK
3		5700.000	62.001	69.896	-43.199	105.200	-7.895	PK
4		5720.000	61.759	69.754	-49.041	110.800	-7.996	PK
5		5725.000	61.875	69.856	-60.325	122.200	-7.982	PK
6		5880.400	107.044	114.957	N/A	N/A	-7.913	PK
7		5895.000	84.026	91.977	-26.174	110.200	-7.951	PK
8		5925.000	66.449	74.486	-21.751	88.200	-8.038	PK
9		5925.400	67.017	75.061	-21.183	88.200	-8.043	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).

Site: SIP-AC3	Test Date: 2022-12-22
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ax-HE80 at 5855MHz	



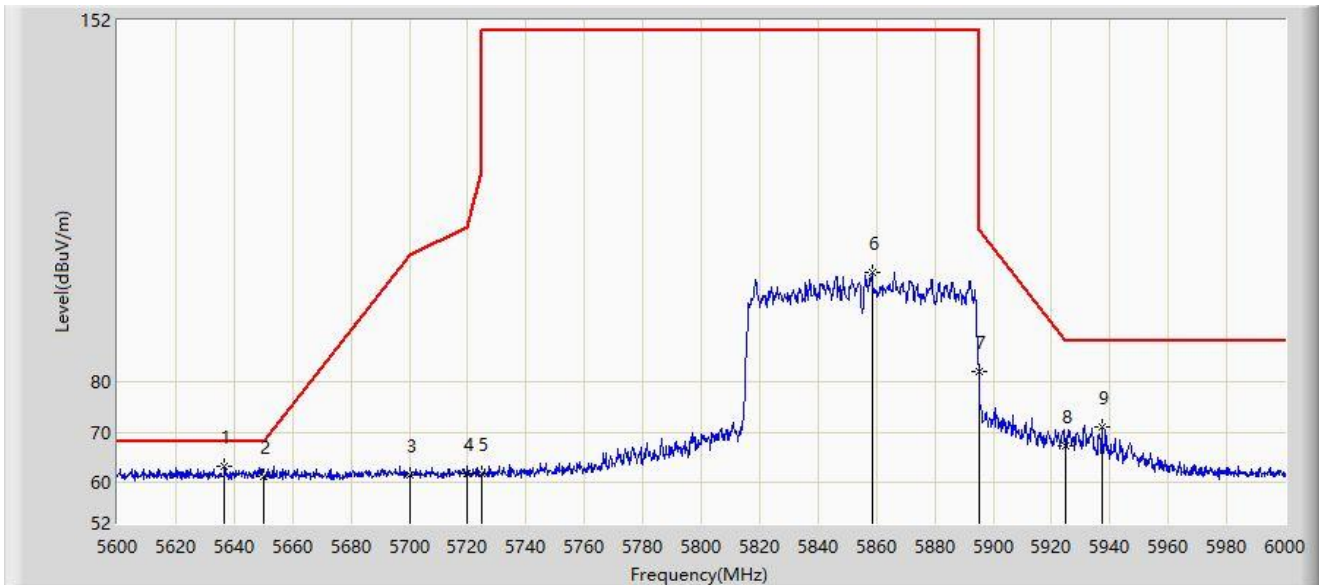
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5630.800	63.025	71.103	-5.175	68.200	-8.078	PK
2		5650.000	62.374	70.479	-5.826	68.200	-8.105	PK
3		5700.000	63.790	71.685	-41.410	105.200	-7.895	PK
4		5720.000	63.765	71.760	-47.035	110.800	-7.996	PK
5		5725.000	64.768	72.749	-57.432	122.200	-7.982	PK
6		5857.400	110.633	118.537	N/A	N/A	-7.903	PK
7		5895.000	86.309	94.260	-23.891	110.200	-7.951	PK
8		5925.000	76.165	84.202	-12.035	88.200	-8.038	PK
9		5927.000	79.764	87.833	-8.436	88.200	-8.070	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).

Site: SIP-AC3	Test Date: 2022-12-23
Limit: FCC_5.9G_RE_(3m)	Engineer: Yien Qian
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
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	*	5636.800	63.307	71.407	-4.893	68.200	-8.100	PK
2		5650.000	61.360	69.465	-6.840	68.200	-8.105	PK
3		5700.000	61.632	69.527	-43.568	105.200	-7.895	PK
4		5720.000	61.985	69.980	-48.815	110.800	-7.996	PK
5		5725.000	61.778	69.759	-60.422	122.200	-7.982	PK
6		5858.600	101.967	109.873	N/A	N/A	-7.907	PK
7		5895.000	82.157	90.108	-28.043	110.200	-7.951	PK
8		5925.000	67.343	75.380	-20.857	88.200	-8.038	PK
9		5937.200	71.138	79.081	-17.062	88.200	-7.943	PK

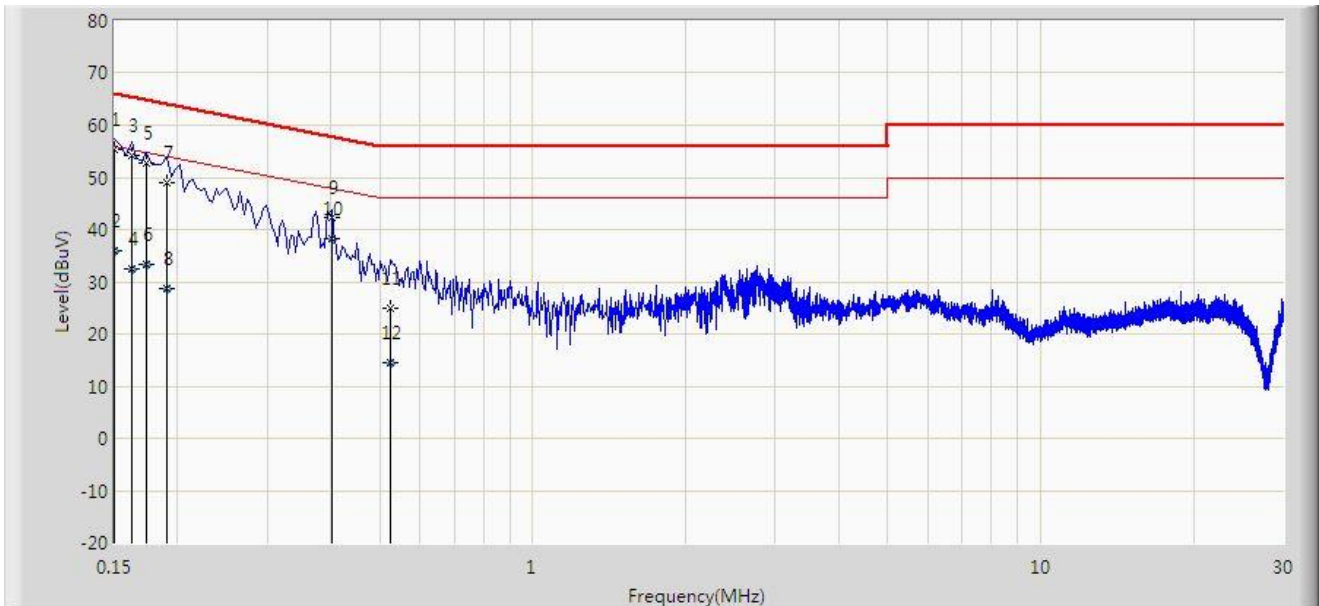
Note 1: " * ", means this data is the worst emission level.

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).

A.9 AC Conducted Emissions Test Result

Site: SIP-SR2	Time: 2023/02/06 - 10:54
Temperature: 17.2°C	Humidity: 60.1%
Limit: FCC_Part15.107_CE_AC Power_Class B	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_C	Polarity: Line
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5845MHz	



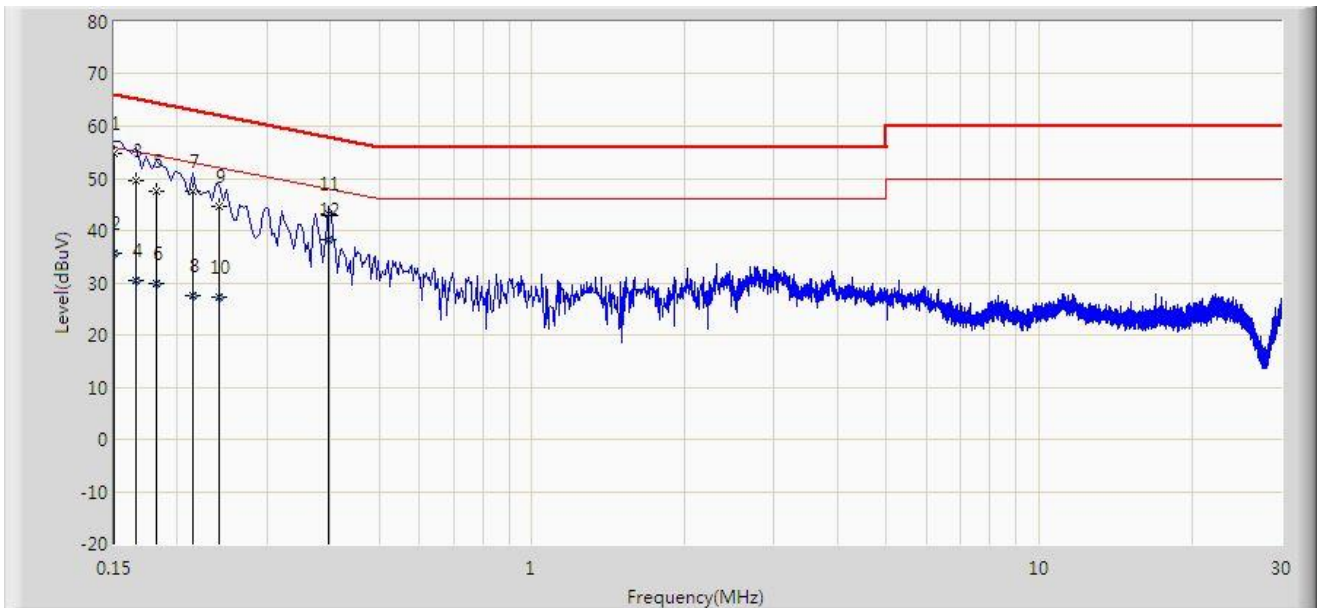
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.150	55.265	45.623	-10.735	66.000	9.641	QP
2		0.150	35.810	26.169	-20.190	56.000	9.641	AV
3		0.162	54.061	44.421	-11.300	65.361	9.640	QP
4		0.162	32.547	22.907	-22.813	55.361	9.640	AV
5		0.174	52.889	43.249	-11.878	64.767	9.640	QP
6		0.174	33.301	23.661	-21.466	54.767	9.640	AV
7		0.190	49.057	39.403	-14.980	64.037	9.654	QP
8		0.190	28.670	19.016	-25.367	54.037	9.654	AV
9		0.402	42.304	32.584	-15.508	57.812	9.720	QP
10	*	0.402	38.230	28.510	-9.582	47.812	9.720	AV
11		0.526	25.008	15.288	-30.992	56.000	9.720	QP
12		0.526	14.465	4.745	-31.535	46.000	9.720	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	Time: 2023/02/06 - 11:06
Temperature: 17.2°C	Humidity: 60.1%
Limit: FCC_Part15.107_CE_AC Power_Class B	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_C	Polarity: Neutral
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5845MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.150	54.690	44.999	-11.310	66.000	9.691	QP
2		0.150	35.750	26.059	-20.250	56.000	9.691	AV
3		0.166	49.576	39.889	-15.582	65.158	9.687	QP
4		0.166	30.354	20.668	-24.804	55.158	9.687	AV
5		0.182	47.487	37.801	-16.907	64.394	9.686	QP
6		0.182	29.799	20.113	-24.595	54.394	9.686	AV
7		0.214	47.543	37.820	-15.506	63.049	9.722	QP
8		0.214	27.531	17.808	-25.518	53.049	9.722	AV
9		0.242	44.582	34.844	-17.445	62.027	9.738	QP
10		0.242	27.208	17.470	-24.819	52.027	9.738	AV
11		0.398	43.231	33.478	-14.664	57.895	9.753	QP
12	*	0.398	38.371	28.618	-9.524	47.895	9.753	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 “2212RSU034-UT” file.

Appendix C – EUT Photograph

Refer to “2212RSU034-UE” file.

The End
