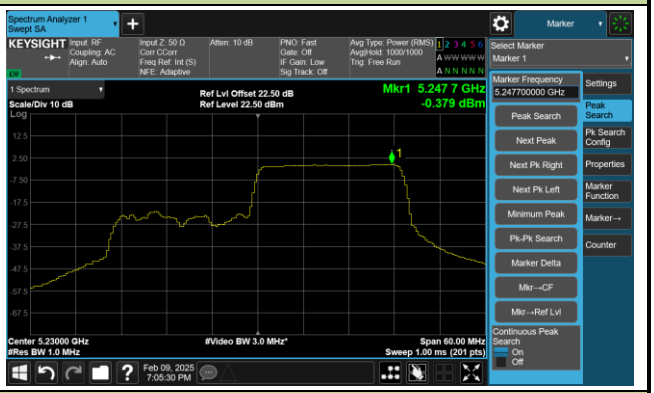
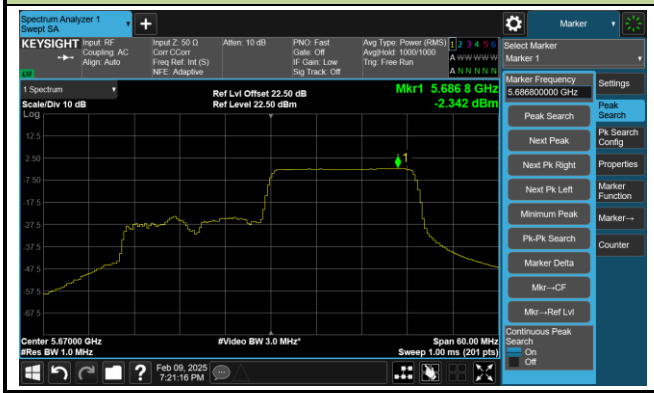
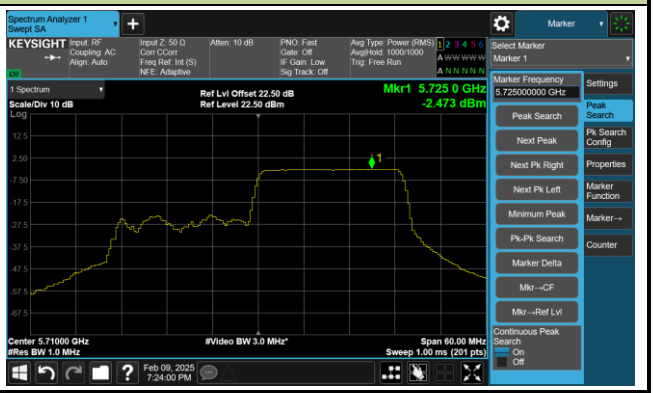
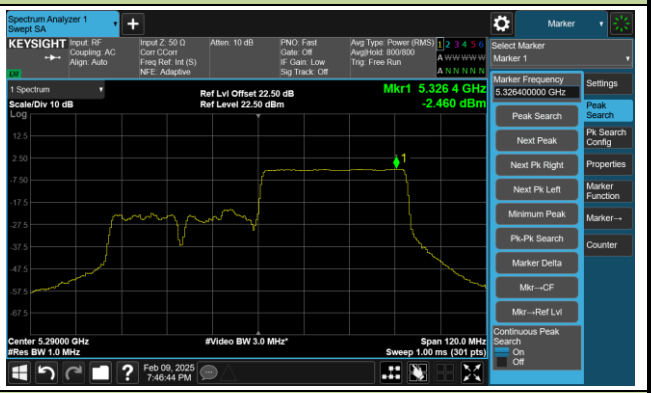
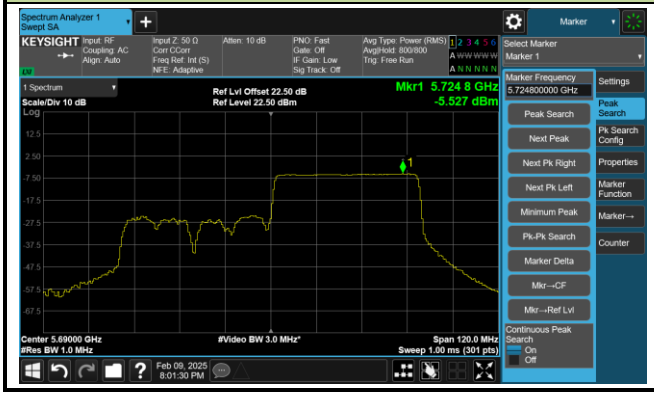
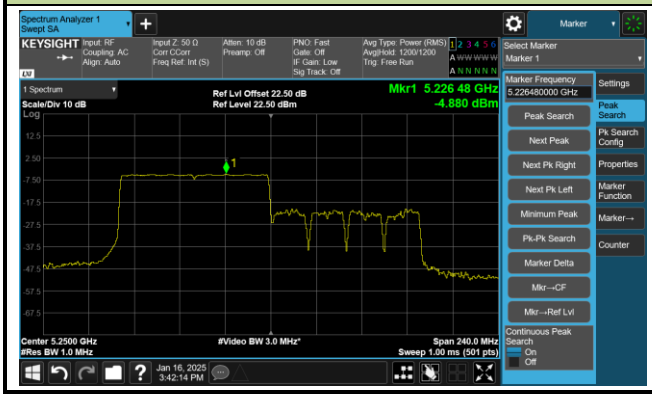
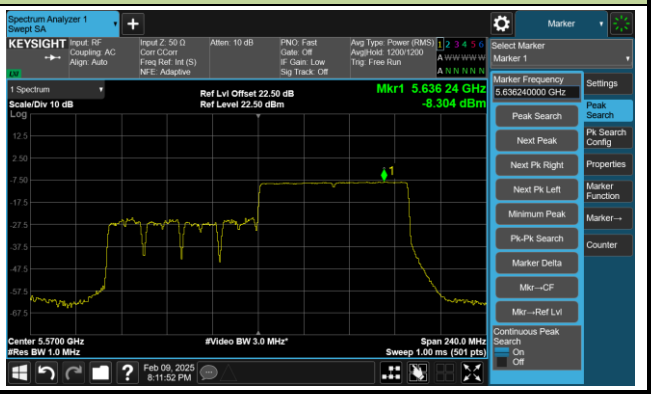
802.11ax-HE40 Power Spectral Density – RU242 - Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

802.11ax-HE40 Power Spectral Density – RU242 - Ant 1	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density – RU484 - Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

802.11ax-HE160 Power Spectral Density – RU996 - Ant 1	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-02-20	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	3.80	- 30	4.51	4.12	4.25	4.77
		- 20	4.49	4.46	4.30	4.34
		- 10	3.52	3.46	2.95	2.74
		0	0.77	0.40	-0.13	-0.33
		+ 10	-1.42	-3.04	-4.16	-4.96
		+ 20	-7.17	-7.82	-9.06	-9.21
		+ 30	-10.36	-11.06	-11.37	-11.95
		+ 40	-13.89	-13.25	-13.47	-13.83
		+ 50	-14.10	-14.12	-13.96	-13.98
115%	4.18	+ 20	-8.95	-9.88	-9.16	-8.56
End Point Note 2	3.50	+ 20	-8.10	-9.38	-10.23	-9.54

Note 1: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10^6.

Note 2: The operating voltage is provided by the manufacturer.

A.7 Radiated Spurious Emission Test Result

Test Data for EUT with Engine S0803FR

Test Site	SIP-AC3	Test Engineer	Fusco Pan
Test Date	2025-01-26	Test Mode	802.11a – Channel 36
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
*	10360.2	54.4	1.0	55.4	68.2	-12.8	Peak	Horizontal
	11494.1	46.9	0.9	47.8	74.0	-26.2	Peak	Horizontal
	15682.9	44.8	5.8	50.6	74.0	-23.4	Peak	Horizontal
*	17430.5	44.2	8.9	53.1	68.2	-15.1	Peak	Horizontal
*	10360.2	54.1	1.0	55.1	68.2	-13.1	Peak	Vertical
	11563.8	47.5	0.5	48.0	74.0	-26.0	Peak	Vertical
	15538.4	35.2	6.3	41.5	54.0	-12.5	Average	Vertical
	15538.4	46.9	6.3	53.2	74.0	-20.8	Peak	Vertical
*	17454.3	45.0	9.1	54.1	68.2	-14.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Fusco Pan
Test Date	2025-01-26	Test Mode	802.11a – Channel 44
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
*	10441.8	52.5	1.1	53.6	68.2	-14.6	Peak	Horizontal
	12449.5	47.3	0.0	47.3	74.0	-26.7	Peak	Horizontal
	15665.9	36.9	5.7	42.6	54.0	-11.4	Average	Horizontal
	15665.9	50.0	5.7	55.7	74.0	-18.3	Peak	Horizontal
*	17442.4	43.4	9.1	52.5	68.2	-15.7	Peak	Horizontal
*	10443.5	54.7	1.1	55.8	68.2	-12.4	Peak	Vertical
	11570.6	46.5	0.6	47.1	74.0	-26.9	Peak	Vertical
	15654.0	35.1	5.8	40.9	54.0	-13.1	Average	Vertical
	15654.0	46.4	5.8	52.2	74.0	-21.8	Peak	Vertical
*	17206.1	44.0	8.3	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Fusco Pan
Test Date	2025-01-26	Test Mode	802.11a – Channel 48
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
*	10477.5	52.6	0.9	53.5	68.2	-14.7	Peak	Horizontal
	11718.5	47.4	0.4	47.8	74.0	-26.2	Peak	Horizontal
	15718.6	36.2	6.5	42.7	54.0	-11.3	Average	Horizontal
	15718.6	47.1	6.5	53.6	74.0	-20.4	Peak	Horizontal
*	17549.5	43.7	9.2	52.9	68.2	-15.3	Peak	Horizontal
*	10479.2	55.0	0.8	55.8	68.2	-12.4	Peak	Vertical
	11087.8	46.7	1.5	48.2	74.0	-25.8	Peak	Vertical
	15720.3	35.6	6.5	42.1	54.0	-11.9	Average	Vertical
	15720.3	45.7	6.5	52.2	74.0	-21.8	Peak	Vertical
*	17211.2	43.0	8.6	51.6	68.2	-16.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Fusco Pan
Test Date	2025-01-26	Test Mode	802.11a – Channel 52
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
*	10521.7	53.0	1.3	54.3	68.2	-13.9	Peak	Horizontal
	11504.3	46.5	0.7	47.2	74.0	-26.8	Peak	Horizontal
*	14011.8	44.7	4.3	49.0	68.2	-19.2	Peak	Horizontal
	15786.6	45.3	5.7	51.0	74.0	-23.0	Peak	Horizontal
*	10513.2	52.0	1.1	53.1	68.2	-15.1	Peak	Vertical
	11597.8	47.0	0.5	47.5	74.0	-26.5	Peak	Vertical
	15774.7	35.2	5.6	40.8	54.0	-13.2	Average	Vertical
	15774.7	45.9	5.6	51.5	74.0	-22.5	Peak	Vertical
*	16985.1	45.2	6.8	52.0	68.2	-16.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Fusco Pan
Test Date	2025-01-26	Test Mode	802.11a – Channel 60
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
	10601.6	41.8	1.0	42.8	54.0	-11.2	Average	Horizontal
	10601.6	52.2	1.0	53.2	74.0	-20.8	Peak	Horizontal
*	14141.0	45.3	4.1	49.4	68.2	-18.8	Peak	Horizontal
	15898.8	45.0	5.8	50.8	74.0	-23.2	Peak	Horizontal
	17214.6	32.1	8.7	40.8	54.0	-13.2	Average	Horizontal
*	17214.6	43.0	8.7	51.7	68.2	-16.5	Peak	Horizontal
*	7067.3	53.2	-4.0	49.2	68.2	-19.0	Peak	Vertical
	10603.3	42.3	1.0	43.3	54.0	-10.7	Average	Vertical
	10603.3	52.1	1.0	53.1	74.0	-20.9	Peak	Vertical
*	14236.2	45.7	3.7	49.4	68.2	-18.8	Peak	Vertical
	15898.8	34.9	5.8	40.7	54.0	-13.3	Average	Vertical
	15898.8	46.5	5.8	52.3	74.0	-21.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Fusco Pan
Test Date	2025-01-26	Test Mode	802.11a – Channel 64
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
	10642.4	43.4	1.7	45.1	54.0	-8.9	Average	Horizontal
	10642.4	53.4	1.7	55.1	74.0	-18.9	Peak	Horizontal
*	14016.9	44.5	4.4	48.9	68.2	-19.3	Peak	Horizontal
	15963.4	35.5	7.3	42.8	54.0	-11.2	Average	Horizontal
	15963.4	46.3	7.3	53.6	74.0	-20.4	Peak	Horizontal
*	17552.9	44.1	9.1	53.2	68.2	-15.0	Peak	Horizontal
*	7092.8	53.6	-4.0	49.6	68.2	-18.6	Peak	Vertical
	10640.7	42.7	1.8	44.5	54.0	-9.5	Average	Vertical
	10640.7	52.6	1.8	54.4	74.0	-19.6	Peak	Vertical
	15953.2	35.4	7.3	42.7	54.0	-11.3	Average	Vertical
	15953.2	45.1	7.3	52.4	74.0	-21.6	Peak	Vertical
*	17546.1	44.0	9.2	53.2	68.2	-15.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Fusco Pan
Test Date	2025-01-26	Test Mode	802.11a – Channel 100
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
	10996.0	49.1	1.0	50.1	74.0	-23.9	Peak	Horizontal
*	14124.0	46.1	4.0	50.1	68.2	-18.1	Peak	Horizontal
	15808.7	34.5	5.9	40.4	54.0	-13.6	Average	Horizontal
	15808.7	45.7	5.9	51.6	74.0	-22.4	Peak	Horizontal
*	16502.3	47.3	7.3	54.6	68.2	-13.6	Peak	Horizontal
	11001.1	43.3	0.9	44.2	54.0	-9.8	Average	Vertical
	11001.1	53.2	0.9	54.1	74.0	-19.9	Peak	Vertical
*	14144.4	45.9	3.9	49.8	68.2	-18.4	Peak	Vertical
	15507.8	34.3	6.2	40.5	54.0	-13.5	Average	Vertical
	15507.8	45.0	6.2	51.2	74.0	-22.8	Peak	Vertical
*	16502.3	46.7	7.3	54.0	68.2	-14.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11a – Channel 116
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
*	10149.4	47.2	-1.3	45.9	68.2	-22.3	Peak	Horizontal
	11160.9	50.2	-1.5	48.7	74.0	-25.3	Peak	Horizontal
*	14414.7	45.9	3.9	49.8	68.2	-18.4	Peak	Horizontal
	15788.3	34.5	5.5	40.0	54.0	-14.0	Average	Horizontal
	15788.3	45.6	5.5	51.1	74.0	-22.9	Peak	Horizontal
*	9964.1	47.3	-1.5	45.8	68.2	-22.4	Peak	Vertical
	11160.9	50.8	-1.5	49.3	74.0	-24.7	Peak	Vertical
*	14865.2	44.8	4.7	49.5	68.2	-18.7	Peak	Vertical
	15796.8	45.0	5.6	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11a – Channel 140
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
*	10140.9	46.7	-1.3	45.4	68.2	-22.8	Peak	Horizontal
	11177.9	48.0	-1.5	46.5	74.0	-27.5	Peak	Horizontal
*	14928.1	45.3	4.4	49.7	68.2	-18.5	Peak	Horizontal
	15710.1	44.8	5.9	50.7	74.0	-23.3	Peak	Horizontal
*	10130.7	47.3	-1.5	45.8	68.2	-22.4	Peak	Vertical
	11400.6	43.3	-1.7	41.6	54.0	-12.4	Average	Vertical
	11400.6	53.1	-1.7	51.4	74.0	-22.6	Peak	Vertical
*	14870.3	44.8	4.6	49.4	68.2	-18.8	Peak	Vertical
	15710.1	44.5	5.9	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11a – Channel 144
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
*	10139.2	47.2	-1.4	45.8	68.2	-22.4	Peak	Horizontal
	11446.5	49.7	-1.4	48.3	74.0	-25.7	Peak	Horizontal
*	13663.3	46.6	2.0	48.6	68.2	-19.6	Peak	Horizontal
	15706.7	44.3	6.1	50.4	74.0	-23.6	Peak	Horizontal
*	9681.9	47.6	-2.0	45.6	68.2	-22.6	Peak	Vertical
	11441.4	51.8	-1.4	50.4	74.0	-23.6	Peak	Vertical
*	14532.0	45.4	4.3	49.7	68.2	-18.5	Peak	Vertical
	15835.9	44.5	6.0	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11a – Channel 149
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
*	9845.1	46.6	-1.4	45.2	68.2	-23.0	Peak	Horizontal
	11492.4	48.7	-1.5	47.2	74.0	-26.8	Peak	Horizontal
*	14805.7	44.8	4.4	49.2	68.2	-19.0	Peak	Horizontal
	15839.3	44.6	6.0	50.6	74.0	-23.4	Peak	Horizontal
*	9999.8	47.6	-1.5	46.1	68.2	-22.1	Peak	Vertical
	11492.4	51.2	-1.5	49.7	74.0	-24.3	Peak	Vertical
*	14593.2	44.8	4.5	49.3	68.2	-18.9	Peak	Vertical
	15817.2	44.8	5.9	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11a – Channel 157
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
*	9695.5	47.6	-2.0	45.6	68.2	-22.6	Peak	Horizontal
	11570.6	48.4	-1.3	47.1	74.0	-26.9	Peak	Horizontal
*	14737.7	44.6	4.5	49.1	68.2	-19.1	Peak	Horizontal
	15854.6	44.8	5.7	50.5	74.0	-23.5	Peak	Horizontal
*	9756.7	47.8	-1.7	46.1	68.2	-22.1	Peak	Vertical
	11567.2	50.4	-1.3	49.1	74.0	-24.9	Peak	Vertical
*	14793.8	45.1	4.3	49.4	68.2	-18.8	Peak	Vertical
	15720.3	44.3	5.5	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11a – Channel 165
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
*	10297.3	47.6	-1.5	46.1	68.2	-22.1	Peak	Horizontal
	11643.7	48.5	-1.4	47.1	74.0	-26.9	Peak	Horizontal
*	14562.6	44.7	4.7	49.4	68.2	-18.8	Peak	Horizontal
	15708.4	44.4	6.0	50.4	74.0	-23.6	Peak	Horizontal
*	10140.9	47.8	-1.3	46.5	68.2	-21.7	Peak	Vertical
	11652.2	50.6	-1.4	49.2	74.0	-24.8	Peak	Vertical
*	14843.1	45.7	4.4	50.1	68.2	-18.1	Peak	Vertical
	16063.7	45.0	5.4	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 36
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
*	10358.5	55.4	-1.5	53.9	68.2	-14.3	Peak	Horizontal
	12282.9	48.3	-1.2	47.1	74.0	-26.9	Peak	Horizontal
*	14851.6	44.4	4.6	49.0	68.2	-19.2	Peak	Horizontal
	15829.1	44.4	6.0	50.4	74.0	-23.6	Peak	Horizontal
*	10358.5	55.7	-1.5	54.2	68.2	-14.0	Peak	Vertical
	11693.0	49.1	-1.6	47.5	74.0	-26.5	Peak	Vertical
*	14732.6	44.7	4.5	49.2	68.2	-19.0	Peak	Vertical
	15786.6	35.6	5.5	41.1	54.0	-12.9	Average	Vertical
	15786.6	45.6	5.5	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 44
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
*	10445.2	54.2	-1.3	52.9	68.2	-15.3	Peak	Horizontal
	11596.1	48.4	-1.5	46.9	74.0	-27.1	Peak	Horizontal
*	14839.7	46.6	4.3	50.9	68.2	-17.3	Peak	Horizontal
	15788.3	45.3	5.5	50.8	74.0	-23.2	Peak	Horizontal
*	10438.4	55.7	-1.3	54.4	68.2	-13.8	Peak	Vertical
	11633.5	48.5	-1.5	47.0	74.0	-27.0	Peak	Vertical
*	14849.9	45.4	4.6	50.0	68.2	-18.2	Peak	Vertical
	15701.6	44.9	6.0	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 48
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
*	10484.3	55.0	-1.7	53.3	68.2	-14.9	Peak	Horizontal
	12330.5	48.1	-0.9	47.2	74.0	-26.8	Peak	Horizontal
*	13612.3	46.5	1.9	48.4	68.2	-19.8	Peak	Horizontal
	15718.6	38.2	5.6	43.8	54.0	-10.2	Average	Horizontal
	15718.6	48.1	5.6	53.7	74.0	-20.3	Peak	Horizontal
*	10479.2	54.4	-1.7	52.7	68.2	-15.5	Peak	Vertical
	11230.6	48.3	-1.6	46.7	74.0	-27.3	Peak	Vertical
*	14634.0	44.9	4.5	49.4	68.2	-18.8	Peak	Vertical
	15708.4	35.8	6.0	41.8	54.0	-12.2	Average	Vertical
	15708.4	45.8	6.0	51.8	74.0	-22.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 52
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
*	10523.4	52.6	-1.2	51.4	68.2	-16.8	Peak	Horizontal
	12367.9	47.1	-1.1	46.0	74.0	-28.0	Peak	Horizontal
*	14866.9	44.2	4.6	48.8	68.2	-19.4	Peak	Horizontal
	15779.8	36.5	5.3	41.8	54.0	-12.2	Average	Horizontal
	15779.8	46.3	5.3	51.6	74.0	-22.4	Peak	Horizontal
*	10520.0	54.4	-1.1	53.3	68.2	-14.9	Peak	Vertical
	11516.2	48.3	-1.6	46.7	74.0	-27.3	Peak	Vertical
*	14501.4	45.1	4.3	49.4	68.2	-18.8	Peak	Vertical
	15779.8	36.5	5.3	41.8	54.0	-12.2	Average	Vertical
	15779.8	46.4	5.3	51.7	74.0	-22.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 60
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
*	10042.3	46.9	-1.4	45.5	68.2	-22.7	Peak	Horizontal
	10605.0	43.8	-1.5	42.3	54.0	-11.7	Average	Horizontal
	10605.0	53.3	-1.5	51.8	74.0	-22.2	Peak	Horizontal
*	14834.6	45.4	4.2	49.6	68.2	-18.6	Peak	Horizontal
	15898.8	39.9	5.0	44.9	54.0	-9.1	Average	Horizontal
	15898.8	49.9	5.0	54.9	74.0	-19.1	Peak	Horizontal
*	10599.9	53.5	-1.5	52.0	68.2	-16.2	Peak	Vertical
	12024.5	48.0	-1.7	46.3	74.0	-27.7	Peak	Vertical
*	14849.9	45.6	4.6	50.2	68.2	-18.0	Peak	Vertical
	15839.3	44.5	6.0	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 64
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
*	9552.7	48.0	-2.0	46.0	68.2	-22.2	Peak	Horizontal
	10637.3	43.5	-1.8	41.7	54.0	-12.3	Average	Horizontal
	10637.3	53.2	-1.8	51.4	74.0	-22.6	Peak	Horizontal
*	14640.8	45.5	4.5	50.0	68.2	-18.2	Peak	Horizontal
	15958.3	38.6	5.5	44.1	54.0	-9.9	Average	Horizontal
	15958.3	48.6	5.5	54.1	74.0	-19.9	Peak	Horizontal
*	10139.2	46.9	-1.4	45.5	68.2	-22.7	Peak	Vertical
	10639.0	51.7	-1.8	49.9	74.0	-24.1	Peak	Vertical
*	14866.9	44.5	4.6	49.1	68.2	-19.1	Peak	Vertical
	15958.3	38.2	5.5	43.7	54.0	-10.3	Average	Vertical
	15958.3	48.2	5.5	53.7	74.0	-20.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 100
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
	11006.2	49.6	-1.8	47.8	74.0	-26.2	Peak	Horizontal
*	13665.0	46.7	2.1	48.8	68.2	-19.4	Peak	Horizontal
	15764.5	45.0	5.0	50.0	74.0	-24.0	Peak	Horizontal
*	16498.9	48.2	5.1	53.3	68.2	-14.9	Peak	Horizontal
	11001.1	50.9	-1.7	49.2	74.0	-24.8	Peak	Vertical
*	14509.9	45.0	4.4	49.4	68.2	-18.8	Peak	Vertical
	15805.3	44.6	5.6	50.2	74.0	-23.8	Peak	Vertical
*	16498.9	48.0	5.1	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 116
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
*	9936.9	47.5	-1.4	46.1	68.2	-22.1	Peak	Horizontal
	11162.6	48.7	-1.5	47.2	74.0	-26.8	Peak	Horizontal
*	14863.5	45.0	4.7	49.7	68.2	-18.5	Peak	Horizontal
	15818.9	44.4	5.9	50.3	74.0	-23.7	Peak	Horizontal
*	10159.6	46.9	-1.5	45.4	68.2	-22.8	Peak	Vertical
	11152.4	50.7	-1.4	49.3	74.0	-24.7	Peak	Vertical
*	14353.5	46.0	3.3	49.3	68.2	-18.9	Peak	Vertical
	15818.9	44.6	5.9	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 140
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
*	10151.1	47.2	-1.3	45.9	68.2	-22.3	Peak	Horizontal
	11402.3	48.1	-1.7	46.4	74.0	-27.6	Peak	Horizontal
*	14829.5	45.0	4.2	49.2	68.2	-19.0	Peak	Horizontal
	15677.8	45.1	5.1	50.2	74.0	-23.8	Peak	Horizontal
*	10402.7	48.4	-1.6	46.8	68.2	-21.4	Peak	Vertical
	11402.3	50.8	-1.7	49.1	74.0	-24.9	Peak	Vertical
*	14645.9	45.2	4.4	49.6	68.2	-18.6	Peak	Vertical
	15842.7	44.2	5.9	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 144
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
*	10140.9	47.3	-1.3	46.0	68.2	-22.2	Peak	Horizontal
	11444.8	49.8	-1.4	48.4	74.0	-25.6	Peak	Horizontal
*	14503.1	45.1	4.4	49.5	68.2	-18.7	Peak	Horizontal
	15808.7	44.2	5.6	49.8	74.0	-24.2	Peak	Horizontal
*	10144.3	47.6	-1.3	46.3	68.2	-21.9	Peak	Vertical
	11443.1	50.7	-1.4	49.3	74.0	-24.7	Peak	Vertical
*	14411.3	45.1	3.9	49.0	68.2	-19.2	Peak	Vertical
	15824.0	44.1	6.0	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 149
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
*	10146.0	48.0	-1.3	46.7	68.2	-21.5	Peak	Horizontal
	11494.1	48.9	-1.5	47.4	74.0	-26.6	Peak	Horizontal
*	14858.4	45.0	4.7	49.7	68.2	-18.5	Peak	Horizontal
	15839.3	44.2	6.0	50.2	74.0	-23.8	Peak	Horizontal
*	9809.4	47.7	-1.9	45.8	68.2	-22.4	Peak	Vertical
	11494.1	52.0	-1.5	50.5	74.0	-23.5	Peak	Vertical
*	14924.7	44.8	4.4	49.2	68.2	-19.0	Peak	Vertical
	15830.8	44.4	6.0	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 157
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
*	10146.0	47.1	-1.3	45.8	68.2	-22.4	Peak	Horizontal
	11874.9	48.1	-1.7	46.4	74.0	-27.6	Peak	Horizontal
*	14805.7	45.7	4.4	50.1	68.2	-18.1	Peak	Horizontal
	15713.5	44.7	5.8	50.5	74.0	-23.5	Peak	Horizontal
*	10202.1	47.1	-1.7	45.4	68.2	-22.8	Peak	Vertical
	11567.2	50.4	-1.3	49.1	74.0	-24.9	Peak	Vertical
*	14776.8	45.3	4.6	49.9	68.2	-18.3	Peak	Vertical
	15681.2	45.5	5.3	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT20 – Channel 165
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
*	9729.5	48.6	-1.9	46.7	68.2	-21.5	Peak	Horizontal
	11655.6	49.0	-1.5	47.5	74.0	-26.5	Peak	Horizontal
*	14822.7	45.3	4.1	49.4	68.2	-18.8	Peak	Horizontal
	15696.5	44.8	5.9	50.7	74.0	-23.3	Peak	Horizontal
*	9755.0	47.2	-1.7	45.5	68.2	-22.7	Peak	Vertical
	11645.4	51.1	-1.4	49.7	74.0	-24.3	Peak	Vertical
*	14802.3	45.3	4.4	49.7	68.2	-18.5	Peak	Vertical
	15852.9	44.8	5.7	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 38
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
*	10394.2	53.7	-1.6	52.1	68.2	-16.1	Peak	Horizontal
	11580.8	49.3	-1.3	48.0	74.0	-26.0	Peak	Horizontal
*	14766.6	46.5	4.7	51.2	68.2	-17.0	Peak	Horizontal
	15708.4	35.3	6.0	41.3	54.0	-12.7	Average	Horizontal
	15708.4	46.0	6.0	52.0	74.0	-22.0	Peak	Horizontal
*	10389.1	55.3	-1.5	53.8	68.2	-14.4	Peak	Vertical
	11791.6	49.8	-1.6	48.2	74.0	-25.8	Peak	Vertical
*	14698.6	47.1	4.6	51.7	68.2	-16.5	Peak	Vertical
	15694.8	35.7	5.8	41.5	54.0	-12.5	Average	Vertical
	15694.8	46.6	5.8	52.4	74.0	-21.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 46
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
*	10457.1	52.9	-1.5	51.4	68.2	-16.8	Peak	Horizontal
	12089.1	49.2	-1.6	47.6	74.0	-26.4	Peak	Horizontal
*	14897.5	47.0	4.1	51.1	68.2	-17.1	Peak	Horizontal
	15689.7	35.8	5.6	41.4	54.0	-12.6	Average	Horizontal
	15689.7	46.8	5.6	52.4	74.0	-21.6	Peak	Horizontal
*	10457.1	52.6	-1.5	51.1	68.2	-17.1	Peak	Vertical
	12340.7	49.0	-0.7	48.3	74.0	-25.7	Peak	Vertical
*	14797.2	46.3	4.3	50.6	68.2	-17.6	Peak	Vertical
	15825.7	35.9	6.0	41.9	54.0	-12.1	Average	Vertical
	15825.7	46.2	6.0	52.2	74.0	-21.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 54
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
*	10545.5	53.4	-1.4	52.0	68.2	-16.2	Peak	Horizontal
	11410.8	49.3	-1.8	47.5	74.0	-26.5	Peak	Horizontal
*	14550.7	46.1	4.6	50.7	68.2	-17.5	Peak	Horizontal
	15812.1	35.7	5.7	41.4	54.0	-12.6	Average	Horizontal
	15812.1	46.3	5.7	52.0	74.0	-22.0	Peak	Horizontal
*	10530.2	52.4	-1.3	51.1	68.2	-17.1	Peak	Vertical
	12264.2	50.1	-1.0	49.1	74.0	-24.9	Peak	Vertical
*	14844.8	47.0	4.4	51.4	68.2	-16.8	Peak	Vertical
	15706.7	35.4	6.1	41.5	54.0	-12.5	Average	Vertical
	15706.7	46.4	6.1	52.5	74.0	-21.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 62
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
*	10239.5	48.5	-1.5	47.0	68.2	-21.2	Peak	Horizontal
	10635.6	51.5	-1.8	49.7	74.0	-24.3	Peak	Horizontal
*	14625.5	46.1	4.6	50.7	68.2	-17.5	Peak	Horizontal
	15948.1	35.4	5.5	40.9	54.0	-13.1	Average	Horizontal
	15948.1	46.4	5.5	51.9	74.0	-22.1	Peak	Horizontal
*	9768.6	47.2	-1.9	45.3	68.2	-22.9	Peak	Vertical
	10618.6	50.7	-1.8	48.9	74.0	-25.1	Peak	Vertical
*	14516.7	44.7	4.4	49.1	68.2	-19.1	Peak	Vertical
	15909.0	45.0	5.7	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 102
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
*	10157.9	46.7	-1.5	45.2	68.2	-23.0	Peak	Horizontal
	12284.6	47.8	-1.2	46.6	74.0	-27.4	Peak	Horizontal
*	14537.1	44.9	4.4	49.3	68.2	-18.9	Peak	Horizontal
	15596.2	45.0	5.3	50.3	74.0	-23.7	Peak	Horizontal
*	10297.3	46.8	-1.5	45.3	68.2	-22.9	Peak	Vertical
	11638.6	47.2	-1.4	45.8	74.0	-28.2	Peak	Vertical
*	14756.4	45.0	4.3	49.3	68.2	-18.9	Peak	Vertical
	15720.3	44.6	5.5	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 110
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
*	9867.2	46.7	-1.6	45.1	68.2	-23.1	Peak	Horizontal
	11524.7	47.7	-1.7	46.0	74.0	-28.0	Peak	Horizontal
*	14676.5	45.1	4.3	49.4	68.2	-18.8	Peak	Horizontal
	15599.6	44.4	5.4	49.8	74.0	-24.2	Peak	Horizontal
*	9989.6	46.6	-1.4	45.2	68.2	-23.0	Peak	Vertical
	11103.1	48.0	-1.7	46.3	74.0	-27.7	Peak	Vertical
*	14866.9	44.8	4.6	49.4	68.2	-18.8	Peak	Vertical
	16039.9	44.9	5.5	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 134
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
*	9675.1	47.3	-2.0	45.3	68.2	-22.9	Peak	Horizontal
	11609.7	48.2	-1.8	46.4	74.0	-27.6	Peak	Horizontal
*	14542.2	44.7	4.5	49.2	68.2	-19.0	Peak	Horizontal
	15824.0	44.4	6.0	50.4	74.0	-23.6	Peak	Horizontal
*	9860.4	46.8	-1.5	45.3	68.2	-22.9	Peak	Vertical
	11339.4	47.9	-1.6	46.3	74.0	-27.7	Peak	Vertical
*	14856.7	45.3	4.7	50.0	68.2	-18.2	Peak	Vertical
	15837.6	44.3	6.0	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 142
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
*	9933.5	46.7	-1.4	45.3	68.2	-22.9	Peak	Horizontal
	11412.5	47.9	-1.8	46.1	74.0	-27.9	Peak	Horizontal
*	14797.2	45.0	4.3	49.3	68.2	-18.9	Peak	Horizontal
	15694.8	44.2	5.8	50.0	74.0	-24.0	Peak	Horizontal
*	9996.4	47.0	-1.5	45.5	68.2	-22.7	Peak	Vertical
	11422.7	48.5	-1.8	46.7	74.0	-27.3	Peak	Vertical
*	14776.8	44.6	4.6	49.2	68.2	-19.0	Peak	Vertical
	15691.4	44.1	5.7	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 151
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
*	10253.1	46.8	-1.6	45.2	68.2	-23.0	Peak	Horizontal
	11621.6	48.2	-1.7	46.5	74.0	-27.5	Peak	Horizontal
*	14717.3	46.0	4.5	50.5	68.2	-17.7	Peak	Horizontal
	15839.3	44.3	6.0	50.3	74.0	-23.7	Peak	Horizontal
*	10146.0	46.5	-1.3	45.2	68.2	-23.0	Peak	Vertical
	11514.5	48.9	-1.6	47.3	74.0	-26.7	Peak	Vertical
*	14928.1	45.0	4.4	49.4	68.2	-18.8	Peak	Vertical
	15818.9	44.1	5.9	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT40 – Channel 159
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
*	10214.0	47.1	-1.6	45.5	68.2	-22.7	Peak	Horizontal
	12260.8	47.1	-1.0	46.1	74.0	-27.9	Peak	Horizontal
*	14907.7	44.9	4.2	49.1	68.2	-19.1	Peak	Horizontal
	15931.1	44.4	5.7	50.1	74.0	-23.9	Peak	Horizontal
*	10050.8	46.4	-1.3	45.1	68.2	-23.1	Peak	Vertical
	11601.2	47.7	-1.6	46.1	74.0	-27.9	Peak	Vertical
*	13619.1	47.8	1.8	49.6	68.2	-18.6	Peak	Vertical
	15839.3	44.1	6.0	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT80 – Channel 42
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
*	10407.8	49.3	-1.5	47.8	68.2	-20.4	Peak	Horizontal
	12281.2	47.9	-1.2	46.7	74.0	-27.3	Peak	Horizontal
*	14982.5	45.6	3.7	49.3	68.2	-18.9	Peak	Horizontal
	15616.6	44.8	5.3	50.1	74.0	-23.9	Peak	Horizontal
*	10401.0	51.3	-1.6	49.7	68.2	-18.5	Peak	Vertical
	11344.5	47.3	-1.6	45.7	74.0	-28.3	Peak	Vertical
*	14593.2	44.8	4.5	49.3	68.2	-18.9	Peak	Vertical
	15808.7	44.8	5.6	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT80 – Channel 58
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
*	10564.2	48.7	-1.5	47.2	68.2	-21.0	Peak	Horizontal
	11640.3	47.4	-1.4	46.0	74.0	-28.0	Peak	Horizontal
*	14977.4	46.0	3.6	49.6	68.2	-18.6	Peak	Horizontal
	15847.8	45.1	5.8	50.9	74.0	-23.1	Peak	Horizontal
*	10567.6	48.4	-1.5	46.9	68.2	-21.3	Peak	Vertical
	12024.5	47.9	-1.7	46.2	74.0	-27.8	Peak	Vertical
*	14603.4	44.8	4.6	49.4	68.2	-18.8	Peak	Vertical
	15847.8	45.2	5.8	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT80 – Channel 106
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
*	10142.6	46.5	-1.3	45.2	68.2	-23.0	Peak	Horizontal
	11228.9	48.1	-1.6	46.5	74.0	-27.5	Peak	Horizontal
*	14724.1	44.9	4.5	49.4	68.2	-18.8	Peak	Horizontal
	15672.7	44.7	4.9	49.6	74.0	-24.4	Peak	Horizontal
*	10049.1	46.9	-1.3	45.6	68.2	-22.6	Peak	Vertical
	11805.2	47.0	-1.6	45.4	74.0	-28.6	Peak	Vertical
*	14797.2	45.1	4.3	49.4	68.2	-18.8	Peak	Vertical
	15711.8	44.4	5.9	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT80 – Channel 122
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
*	10149.4	46.4	-1.3	45.1	68.2	-23.1	Peak	Horizontal
	12160.5	47.1	-1.4	45.7	74.0	-28.3	Peak	Horizontal
*	14793.8	44.9	4.3	49.2	68.2	-19.0	Peak	Horizontal
	15693.1	44.4	5.7	50.1	74.0	-23.9	Peak	Horizontal
*	9753.3	47.1	-1.7	45.4	68.2	-22.8	Peak	Vertical
	11597.8	47.7	-1.6	46.1	74.0	-27.9	Peak	Vertical
*	14773.4	44.9	4.7	49.6	68.2	-18.6	Peak	Vertical
	15817.2	44.1	5.9	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT80 – Channel 138
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
*	9851.9	46.6	-1.5	45.1	68.2	-23.1	Peak	Horizontal
	11681.1	47.9	-1.5	46.4	74.0	-27.6	Peak	Horizontal
*	14334.8	45.9	3.3	49.2	68.2	-19.0	Peak	Horizontal
	15698.2	44.7	5.9	50.6	74.0	-23.4	Peak	Horizontal
*	10426.5	46.5	-1.4	45.1	68.2	-23.1	Peak	Vertical
	11682.8	47.5	-1.5	46.0	74.0	-28.0	Peak	Vertical
*	14909.4	44.7	4.3	49.0	68.2	-19.2	Peak	Vertical
	15834.2	44.9	6.0	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT80 – Channel 155
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
*	9734.6	47.1	-1.9	45.2	68.2	-23.0	Peak	Horizontal
	11419.3	48.1	-1.8	46.3	74.0	-27.7	Peak	Horizontal
*	14768.3	44.6	4.7	49.3	68.2	-18.9	Peak	Horizontal
	15771.3	45.3	5.2	50.5	74.0	-23.5	Peak	Horizontal
*	9642.8	47.4	-2.2	45.2	68.2	-23.0	Peak	Vertical
	12262.5	47.4	-1.0	46.4	74.0	-27.6	Peak	Vertical
*	14511.6	45.0	4.4	49.4	68.2	-18.8	Peak	Vertical
	16036.5	44.9	5.3	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT160 – Channel 50
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
*	10443.5	48.1	-1.3	46.8	68.2	-21.4	Peak	Horizontal
	12456.3	47.7	-0.7	47.0	74.0	-27.0	Peak	Horizontal
*	14523.5	44.9	4.4	49.3	68.2	-18.9	Peak	Horizontal
	15827.4	44.4	6.0	50.4	74.0	-23.6	Peak	Horizontal
*	10526.8	49.5	-1.3	48.2	68.2	-20.0	Peak	Vertical
	11167.7	47.3	-1.5	45.8	74.0	-28.2	Peak	Vertical
*	14770.0	44.4	4.8	49.2	68.2	-19.0	Peak	Vertical
	15716.9	44.7	5.7	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ac-VHT160–Channel 114
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
*	9998.1	46.5	-1.5	45.0	68.2	-23.2	Peak	Horizontal
	11531.5	47.6	-1.7	45.9	74.0	-28.1	Peak	Horizontal
*	14917.9	45.0	4.4	49.4	68.2	-18.8	Peak	Horizontal
	15705.0	43.5	6.1	49.6	74.0	-24.4	Peak	Horizontal
*	10072.9	47.4	-1.3	46.1	68.2	-22.1	Peak	Vertical
	11806.9	48.1	-1.6	46.5	74.0	-27.5	Peak	Vertical
*	14695.2	44.9	4.5	49.4	68.2	-18.8	Peak	Vertical
	16053.5	44.8	5.5	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 36
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
*	10356.8	53.8	-1.5	52.3	68.2	-15.9	Peak	Horizontal
	12349.2	46.8	-0.9	45.9	74.0	-28.1	Peak	Horizontal
*	14635.7	44.8	4.5	49.3	68.2	-18.9	Peak	Horizontal
	15540.1	37.7	4.9	42.6	54.0	-11.4	Average	Horizontal
	15540.1	47.4	4.9	52.3	74.0	-21.7	Peak	Horizontal
*	10367.0	56.7	-1.5	55.2	68.2	-13.0	Peak	Vertical
	11619.9	48.3	-1.7	46.6	74.0	-27.4	Peak	Vertical
*	14617.0	45.1	4.6	49.7	68.2	-18.5	Peak	Vertical
	15546.9	38.6	4.8	43.4	54.0	-10.6	Average	Vertical
	15546.9	48.9	4.8	53.7	74.0	-20.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 44
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
*	10433.3	52.7	-1.3	51.4	68.2	-16.8	Peak	Horizontal
	11796.7	48.1	-1.6	46.5	74.0	-27.5	Peak	Horizontal
*	14649.3	45.5	4.4	49.9	68.2	-18.3	Peak	Horizontal
	15662.5	39.2	4.6	43.8	54.0	-10.2	Average	Horizontal
	15662.5	49.8	4.6	54.4	74.0	-19.6	Peak	Horizontal
*	10438.4	54.6	-1.3	53.3	68.2	-14.9	Peak	Vertical
	11152.4	47.9	-1.4	46.5	74.0	-27.5	Peak	Vertical
*	14406.2	45.8	3.8	49.6	68.2	-18.6	Peak	Vertical
	15667.6	37.3	4.8	42.1	54.0	-11.9	Average	Vertical
	15667.6	47.3	4.8	52.1	74.0	-21.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 48
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
*	10482.6	53.6	-1.7	51.9	68.2	-16.3	Peak	Horizontal
	12424.0	48.1	-0.8	47.3	74.0	-26.7	Peak	Horizontal
*	14741.1	45.7	4.5	50.2	68.2	-18.0	Peak	Horizontal
	15716.9	38.4	5.7	44.1	54.0	-9.9	Average	Horizontal
	15716.9	48.5	5.7	54.2	74.0	-19.8	Peak	Horizontal
*	10480.9	53.7	-1.7	52.0	68.2	-16.2	Peak	Vertical
	11801.8	48.0	-1.6	46.4	74.0	-27.6	Peak	Vertical
*	14853.3	44.7	4.7	49.4	68.2	-18.8	Peak	Vertical
	15715.2	38.6	5.7	44.3	54.0	-9.7	Average	Vertical
	15715.2	48.6	5.7	54.3	74.0	-19.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 52
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
*	10521.7	51.6	-1.1	50.5	68.2	-17.7	Peak	Horizontal
	12277.8	47.5	-1.1	46.4	74.0	-27.6	Peak	Horizontal
*	14742.8	45.0	4.4	49.4	68.2	-18.8	Peak	Horizontal
	15779.8	36.3	5.3	41.6	54.0	-12.4	Average	Horizontal
	15779.8	46.2	5.3	51.5	74.0	-22.5	Peak	Horizontal
*	10516.6	53.7	-1.2	52.5	68.2	-15.7	Peak	Vertical
	12169.0	47.3	-1.3	46.0	74.0	-28.0	Peak	Vertical
*	14768.3	45.4	4.7	50.1	68.2	-18.1	Peak	Vertical
	15776.4	36.5	5.3	41.8	54.0	-12.2	Average	Vertical
	15776.4	46.4	5.3	51.7	74.0	-22.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 60
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
*	10599.9	52.4	-1.5	50.9	68.2	-17.3	Peak	Horizontal
	12529.4	47.6	-1.3	46.3	74.0	-27.7	Peak	Horizontal
*	14870.3	44.7	4.6	49.3	68.2	-18.9	Peak	Horizontal
	15895.4	38.7	4.8	43.5	54.0	-10.5	Average	Horizontal
	15895.4	48.8	4.8	53.6	74.0	-20.4	Peak	Horizontal
*	10596.5	52.5	-1.6	50.9	68.2	-17.3	Peak	Vertical
	12279.5	48.6	-1.2	47.4	74.0	-26.6	Peak	Vertical
*	14703.7	44.7	4.7	49.4	68.2	-18.8	Peak	Vertical
	15907.3	38.4	5.6	44.0	54.0	-10.0	Average	Vertical
	15907.3	48.4	5.6	54.0	74.0	-20.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 64
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
*	10072.9	47.0	-1.3	45.7	68.2	-22.5	Peak	Horizontal
	10645.8	50.2	-1.7	48.5	74.0	-25.5	Peak	Horizontal
*	14778.5	45.2	4.5	49.7	68.2	-18.5	Peak	Horizontal
	15958.3	39.8	5.5	45.3	54.0	-8.7	Average	Horizontal
	15958.3	49.1	5.5	54.6	74.0	-19.4	Peak	Horizontal
*	9950.5	46.4	-1.5	44.9	68.2	-23.3	Peak	Vertical
	10639.0	51.2	-1.8	49.4	74.0	-24.6	Peak	Vertical
*	14707.1	44.9	4.6	49.5	68.2	-18.7	Peak	Vertical
	15954.9	36.5	5.5	42.0	54.0	-12.0	Average	Vertical
	15954.9	46.8	5.5	52.3	74.0	-21.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 100
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
	11965.0	48.3	-1.6	46.7	74.0	-27.3	Peak	Horizontal
*	14615.3	44.7	4.6	49.3	68.2	-18.9	Peak	Horizontal
	15705.0	43.8	6.1	49.9	74.0	-24.1	Peak	Horizontal
*	16500.6	49.9	5.2	55.1	68.2	-13.1	Peak	Horizontal
*	9957.3	46.3	-1.5	44.8	68.2	-23.4	Peak	Vertical
	10994.3	49.2	-1.6	47.6	74.0	-26.4	Peak	Vertical
*	14413.0	45.8	3.9	49.7	68.2	-18.5	Peak	Vertical
	15910.7	44.6	5.7	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 116
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
*	9554.4	48.3	-2.0	46.3	68.2	-21.9	Peak	Horizontal
	11349.6	47.8	-1.5	46.3	74.0	-27.7	Peak	Horizontal
*	14622.1	44.5	4.6	49.1	68.2	-19.1	Peak	Horizontal
	15705.0	43.6	6.1	49.7	74.0	-24.3	Peak	Horizontal
*	9991.3	47.2	-1.4	45.8	68.2	-22.4	Peak	Vertical
	11162.6	49.2	-1.5	47.7	74.0	-26.3	Peak	Vertical
*	14550.7	44.5	4.6	49.1	68.2	-19.1	Peak	Vertical
	15677.8	45.2	5.1	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 140
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
*	10224.2	47.2	-1.5	45.7	68.2	-22.5	Peak	Horizontal
	11400.6	49.4	-1.7	47.7	74.0	-26.3	Peak	Horizontal
*	14873.7	44.9	4.6	49.5	68.2	-18.7	Peak	Horizontal
	15815.5	44.3	5.8	50.1	74.0	-23.9	Peak	Horizontal
*	10137.5	47.4	-1.4	46.0	68.2	-22.2	Peak	Vertical
	11404.0	49.2	-1.7	47.5	74.0	-26.5	Peak	Vertical
*	14776.8	45.2	4.6	49.8	68.2	-18.4	Peak	Vertical
	15701.6	44.8	6.0	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 144
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
*	9743.1	47.2	-1.8	45.4	68.2	-22.8	Peak	Horizontal
	11444.8	48.2	-1.4	46.8	74.0	-27.2	Peak	Horizontal
*	14617.0	44.6	4.6	49.2	68.2	-19.0	Peak	Horizontal
	15825.7	44.0	6.0	50.0	74.0	-24.0	Peak	Horizontal
*	10035.5	46.9	-1.4	45.5	68.2	-22.7	Peak	Vertical
	11441.4	49.2	-1.4	47.8	74.0	-26.2	Peak	Vertical
*	14566.0	44.7	4.7	49.4	68.2	-18.8	Peak	Vertical
	15705.0	35.6	6.1	41.7	54.0	-12.3	Average	Vertical
	15705.0	45.1	6.1	51.2	74.0	-22.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 149
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
*	10076.3	46.4	-1.3	45.1	68.2	-23.1	Peak	Horizontal
	11788.2	47.8	-1.7	46.1	74.0	-27.9	Peak	Horizontal
*	14605.1	44.5	4.6	49.1	68.2	-19.1	Peak	Horizontal
	15713.5	44.1	5.8	49.9	74.0	-24.1	Peak	Horizontal
	11494.1	49.7	-1.5	48.2	74.0	-25.8	Peak	Vertical
*	14700.3	44.7	4.7	49.4	68.2	-18.8	Peak	Vertical
	15830.8	44.3	6.0	50.3	74.0	-23.7	Peak	Vertical
*	16243.9	46.0	5.2	51.2	68.2	-17.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 157
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
*	9676.8	47.9	-2.0	45.9	68.2	-22.3	Peak	Horizontal
	11568.9	48.4	-1.3	47.1	74.0	-26.9	Peak	Horizontal
*	14516.7	45.0	4.4	49.4	68.2	-18.8	Peak	Horizontal
	15579.2	35.5	4.7	40.2	54.0	-13.8	Average	Horizontal
	15579.2	46.3	4.7	51.0	74.0	-23.0	Peak	Horizontal
*	9826.4	46.5	-1.4	45.1	68.2	-23.1	Peak	Vertical
	11572.3	49.0	-1.3	47.7	74.0	-26.3	Peak	Vertical
*	14569.4	44.6	4.6	49.2	68.2	-19.0	Peak	Vertical
	15824.0	44.4	6.0	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE20 – Channel 165
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
	11625.0	47.6	-1.6	46.0	74.0	-28.0	Peak	Horizontal
*	14875.4	45.0	4.5	49.5	68.2	-18.7	Peak	Horizontal
	15718.6	44.5	5.6	50.1	74.0	-23.9	Peak	Horizontal
*	17126.2	44.8	8.1	52.9	68.2	-15.3	Peak	Horizontal
*	10299.0	47.3	-1.5	45.8	68.2	-22.4	Peak	Vertical
	11643.7	49.4	-1.4	48.0	74.0	-26.0	Peak	Vertical
*	14804.0	44.9	4.4	49.3	68.2	-18.9	Peak	Vertical
	15835.9	44.3	6.0	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 38
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
*	10375.5	50.4	-1.5	48.9	68.2	-19.3	Peak	Horizontal
	12053.4	48.2	-1.7	46.5	74.0	-27.5	Peak	Horizontal
*	14710.5	45.0	4.6	49.6	68.2	-18.6	Peak	Horizontal
	15837.6	44.7	6.0	50.7	74.0	-23.3	Peak	Horizontal
*	10377.2	53.7	-1.5	52.2	68.2	-16.0	Peak	Vertical
	11822.2	47.7	-1.7	46.0	74.0	-28.0	Peak	Vertical
*	14630.6	44.6	4.6	49.2	68.2	-19.0	Peak	Vertical
	15914.1	44.6	5.7	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 46
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
*	10457.1	50.9	-1.5	49.4	68.2	-18.8	Peak	Horizontal
	12483.5	46.8	-0.7	46.1	74.0	-27.9	Peak	Horizontal
*	14870.3	44.4	4.6	49.0	68.2	-19.2	Peak	Horizontal
	15710.1	44.9	5.9	50.8	74.0	-23.2	Peak	Horizontal
*	10457.1	51.1	-1.5	49.6	68.2	-18.6	Peak	Vertical
	11444.8	47.2	-1.4	45.8	74.0	-28.2	Peak	Vertical
*	14515.0	45.1	4.4	49.5	68.2	-18.7	Peak	Vertical
	15686.3	35.3	5.5	40.8	54.0	-13.2	Average	Vertical
	15686.3	45.8	5.5	51.3	74.0	-22.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 54
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
*	10523.4	50.1	-1.2	48.9	68.2	-19.3	Peak	Horizontal
	11371.7	47.1	-1.4	45.7	74.0	-28.3	Peak	Horizontal
*	14542.2	44.9	4.5	49.4	68.2	-18.8	Peak	Horizontal
	15820.6	35.7	6.0	41.7	54.0	-12.3	Average	Horizontal
	15820.6	45.9	6.0	51.9	74.0	-22.1	Peak	Horizontal
*	10528.5	50.5	-1.3	49.2	68.2	-19.0	Peak	Vertical
	11378.5	48.0	-1.4	46.6	74.0	-27.4	Peak	Vertical
*	14657.8	45.3	4.3	49.6	68.2	-18.6	Peak	Vertical
	15790.0	35.6	5.6	41.2	54.0	-12.8	Average	Vertical
	15790.0	45.6	5.6	51.2	74.0	-22.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 62
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
*	10445.2	47.5	-1.3	46.2	68.2	-22.0	Peak	Horizontal
	10615.2	49.9	-1.7	48.2	74.0	-25.8	Peak	Horizontal
*	13602.1	46.3	1.8	48.1	68.2	-20.1	Peak	Horizontal
	15699.9	44.5	6.0	50.5	74.0	-23.5	Peak	Horizontal
*	9789.0	47.0	-1.9	45.1	68.2	-23.1	Peak	Vertical
	10618.6	49.9	-1.8	48.1	74.0	-25.9	Peak	Vertical
*	14819.3	44.8	4.2	49.0	68.2	-19.2	Peak	Vertical
	15705.0	44.0	6.1	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 102
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
	11506.0	47.3	-1.5	45.8	74.0	-28.2	Peak	Horizontal
*	14554.1	44.7	4.6	49.3	68.2	-18.9	Peak	Horizontal
	15926.0	44.3	5.8	50.1	74.0	-23.9	Peak	Horizontal
*	16522.7	46.8	5.4	52.2	68.2	-16.0	Peak	Horizontal
*	10117.1	47.2	-1.5	45.7	68.2	-22.5	Peak	Vertical
	11031.7	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
*	14702.0	44.6	4.7	49.3	68.2	-18.9	Peak	Vertical
	15837.6	44.4	6.0	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 110
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
*	9823.0	46.9	-1.4	45.5	68.2	-22.7	Peak	Horizontal
	12259.1	47.1	-1.0	46.1	74.0	-27.9	Peak	Horizontal
*	14873.7	44.6	4.6	49.2	68.2	-19.0	Peak	Horizontal
	15771.3	36.6	5.2	41.8	54.0	-12.2	Average	Horizontal
	15771.3	46.5	5.2	51.7	74.0	-22.3	Peak	Horizontal
*	10217.4	46.7	-1.6	45.1	68.2	-23.1	Peak	Vertical
	12152.0	47.7	-1.4	46.3	74.0	-27.7	Peak	Vertical
*	14763.2	44.8	4.6	49.4	68.2	-18.8	Peak	Vertical
	15832.5	44.1	6.0	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 134
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
*	10054.2	46.9	-1.3	45.6	68.2	-22.6	Peak	Horizontal
	11342.8	49.8	-1.6	48.2	74.0	-25.8	Peak	Horizontal
*	14790.4	45.3	4.3	49.6	68.2	-18.6	Peak	Horizontal
	15713.5	43.8	5.8	49.6	74.0	-24.4	Peak	Horizontal
*	9540.8	47.7	-1.9	45.8	68.2	-22.4	Peak	Vertical
	11330.9	48.1	-1.7	46.4	74.0	-27.6	Peak	Vertical
*	14634.0	44.8	4.5	49.3	68.2	-18.9	Peak	Vertical
	15813.8	35.2	5.8	41.0	54.0	-13.0	Average	Vertical
	15813.8	45.3	5.8	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 142
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
*	10144.3	47.4	-1.3	46.1	68.2	-22.1	Peak	Horizontal
	11443.1	47.9	-1.4	46.5	74.0	-27.5	Peak	Horizontal
*	14550.7	44.6	4.6	49.2	68.2	-19.0	Peak	Horizontal
	15863.1	44.5	5.4	49.9	74.0	-24.1	Peak	Horizontal
*	10214.0	47.4	-1.6	45.8	68.2	-22.4	Peak	Vertical
	11422.7	48.0	-1.8	46.2	74.0	-27.8	Peak	Vertical
*	14771.7	45.1	4.7	49.8	68.2	-18.4	Peak	Vertical
	15710.1	44.2	5.9	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 151
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
*	10207.2	46.8	-1.6	45.2	68.2	-23.0	Peak	Horizontal
	11132.0	47.6	-1.2	46.4	74.0	-27.6	Peak	Horizontal
*	14703.7	44.7	4.7	49.4	68.2	-18.8	Peak	Horizontal
	15715.2	44.4	5.7	50.1	74.0	-23.9	Peak	Horizontal
*	10248.0	47.1	-1.6	45.5	68.2	-22.7	Peak	Vertical
	11512.8	48.6	-1.6	47.0	74.0	-27.0	Peak	Vertical
*	14594.9	44.5	4.5	49.0	68.2	-19.2	Peak	Vertical
	15696.5	44.4	5.9	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE40 – Channel 159
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
*	9744.8	46.7	-1.8	44.9	68.2	-23.3	Peak	Horizontal
	11592.7	47.4	-1.5	45.9	74.0	-28.1	Peak	Horizontal
*	14742.8	45.6	4.4	50.0	68.2	-18.2	Peak	Horizontal
	15841.0	44.0	6.0	50.0	74.0	-24.0	Peak	Horizontal
*	10045.7	46.7	-1.4	45.3	68.2	-22.9	Peak	Vertical
	11599.5	48.5	-1.6	46.9	74.0	-27.1	Peak	Vertical
*	14795.5	44.7	4.3	49.0	68.2	-19.2	Peak	Vertical
	15694.8	43.9	5.8	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE80 – Channel 42
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
*	10414.6	49.2	-1.5	47.7	68.2	-20.5	Peak	Horizontal
	11630.1	47.8	-1.6	46.2	74.0	-27.8	Peak	Horizontal
*	14798.9	45.4	4.4	49.8	68.2	-18.4	Peak	Horizontal
	15703.3	44.4	6.1	50.5	74.0	-23.5	Peak	Horizontal
*	10428.2	51.0	-1.3	49.7	68.2	-18.5	Peak	Vertical
	11886.8	47.4	-1.7	45.7	74.0	-28.3	Peak	Vertical
*	14775.1	44.8	4.6	49.4	68.2	-18.8	Peak	Vertical
	15808.7	44.5	5.6	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE80 – Channel 58
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
*	10555.7	47.7	-1.4	46.3	68.2	-21.9	Peak	Horizontal
	12157.1	47.0	-1.4	45.6	74.0	-28.4	Peak	Horizontal
*	14987.6	46.2	3.7	49.9	68.2	-18.3	Peak	Horizontal
	15910.7	44.7	5.7	50.4	74.0	-23.6	Peak	Horizontal
*	10586.3	49.8	-1.6	48.2	68.2	-20.0	Peak	Vertical
	12548.1	47.4	-0.7	46.7	74.0	-27.3	Peak	Vertical
*	14771.7	45.1	4.7	49.8	68.2	-18.4	Peak	Vertical
	16045.0	44.8	5.6	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE80 – Channel 106
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
*	9753.3	47.0	-1.7	45.3	68.2	-22.9	Peak	Horizontal
	12284.6	47.5	-1.2	46.3	74.0	-27.7	Peak	Horizontal
*	14613.6	46.1	4.6	50.7	68.2	-17.5	Peak	Horizontal
	15575.8	46.0	4.6	50.6	74.0	-23.4	Peak	Horizontal
*	10411.2	46.7	-1.5	45.2	68.2	-23.0	Peak	Vertical
	11568.9	46.9	-1.3	45.6	74.0	-28.4	Peak	Vertical
*	14431.7	45.8	3.6	49.4	68.2	-18.8	Peak	Vertical
	15693.1	35.9	5.7	41.6	54.0	-12.4	Average	Vertical
	15693.1	45.7	5.7	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE80 – Channel 122
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
*	9833.2	47.4	-1.4	46.0	68.2	-22.2	Peak	Horizontal
	10803.9	47.3	-1.6	45.7	74.0	-28.3	Peak	Horizontal
*	14406.2	45.0	3.8	48.8	68.2	-19.4	Peak	Horizontal
	15820.6	44.3	6.0	50.3	74.0	-23.7	Peak	Horizontal
*	10180.0	47.3	-1.7	45.6	68.2	-22.6	Peak	Vertical
	12255.7	48.1	-1.0	47.1	74.0	-26.9	Peak	Vertical
*	14710.5	45.1	4.6	49.7	68.2	-18.5	Peak	Vertical
	15710.1	35.4	5.9	41.3	54.0	-12.7	Average	Vertical
	15710.1	45.2	5.9	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE80 – Channel 138
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
*	9766.9	47.3	-1.9	45.4	68.2	-22.8	Peak	Horizontal
	11555.3	47.3	-1.4	45.9	74.0	-28.1	Peak	Horizontal
*	14588.1	44.6	4.5	49.1	68.2	-19.1	Peak	Horizontal
	15582.6	46.1	4.8	50.9	74.0	-23.1	Peak	Horizontal
*	10027.0	47.2	-1.5	45.7	68.2	-22.5	Peak	Vertical
	11353.0	47.3	-1.5	45.8	74.0	-28.2	Peak	Vertical
*	14424.9	46.5	3.8	50.3	68.2	-17.9	Peak	Vertical
	16075.6	44.7	5.4	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE80 – Channel 155
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
*	9748.2	47.0	-1.7	45.3	68.2	-22.9	Peak	Horizontal
	12335.6	47.6	-0.8	46.8	74.0	-27.2	Peak	Horizontal
*	14326.3	46.2	3.0	49.2	68.2	-19.0	Peak	Horizontal
	15820.6	44.9	6.0	50.9	74.0	-23.1	Peak	Horizontal
*	9578.2	47.7	-2.3	45.4	68.2	-22.8	Peak	Vertical
	12097.6	47.8	-1.5	46.3	74.0	-27.7	Peak	Vertical
*	14414.7	45.1	3.9	49.0	68.2	-19.2	Peak	Vertical
	15990.6	44.7	5.5	50.2	74.0	-23.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE160 – Channel 50
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
*	10013.4	46.7	-1.7	45.0	68.2	-23.2	Peak	Horizontal
	11653.9	48.0	-1.5	46.5	74.0	-27.5	Peak	Horizontal
*	14836.3	45.5	4.2	49.7	68.2	-18.5	Peak	Horizontal
	15708.4	44.0	6.0	50.0	74.0	-24.0	Peak	Horizontal
*	10508.1	49.9	-1.4	48.5	68.2	-19.7	Peak	Vertical
	12337.3	46.9	-0.7	46.2	74.0	-27.8	Peak	Vertical
*	14882.2	45.3	4.3	49.6	68.2	-18.6	Peak	Vertical
	15790.0	44.7	5.6	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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-AC3	Test Engineer	Mero Zhou
Test Date	2025-01-26	Test Mode	802.11ax-HE160 – Channel 114
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
*	10450.3	46.5	-1.4	45.1	68.2	-23.1	Peak	Horizontal
	11533.2	48.2	-1.7	46.5	74.0	-27.5	Peak	Horizontal
*	14707.1	45.0	4.6	49.6	68.2	-18.6	Peak	Horizontal
	15784.9	35.5	5.5	41.0	54.0	-13.0	Average	Horizontal
	15784.9	45.8	5.5	51.3	74.0	-22.7	Peak	Horizontal
*	9948.8	47.3	-1.5	45.8	68.2	-22.4	Peak	Vertical
	11686.2	47.6	-1.5	46.1	74.0	-27.9	Peak	Vertical
*	14911.1	45.3	4.3	49.6	68.2	-18.6	Peak	Vertical
	15841.0	35.6	6.0	41.6	54.0	-12.4	Average	Vertical
	15841.0	45.1	6.0	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/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 -27dBm/MHz to obtain the limit for out of band spurious emissions.

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)