

























A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2023-02-06~2023-02-07	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	17.81	17.86	17.77	17.70
		- 20	17.94	17.93	18.01	18.16
		- 10	15.96	16.25	16.74	17.22
		0	12.71	12.66	12.95	13.29
		+ 10	8.69	8.77	8.83	8.99
		+ 20	6.58	4.70	4.00	2.78
		+ 30	-3.53	-3.37	-2.87	-2.47
		+ 40	-7.79	-7.71	-7.31	-7.05
		+ 50	-8.36	-8.91	-9.35	-9.11
115%	138	+ 20	-0.07	-0.60	-1.30	-2.03
85%	102	+ 20	2.48	1.55	0.61	-0.18

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

A.7 Radiated Spurious Emission Test Result

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	Test Mode	802.11a – Channel 36
Remark	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	8335.5	49.6	-4.0	45.6	74.0	-28.4	Peak	Horizontal
*	10358.5	67.2	-2.5	64.7	68.2	-3.5	Peak	Horizontal
	11897.0	49.1	-2.8	46.3	74.0	-27.7	Peak	Horizontal
*	16716.5	47.9	5.4	53.3	68.2	-14.9	Peak	Horizontal
	8378.0	48.9	-3.9	45.0	74.0	-29.0	Peak	Vertical
*	10358.5	67.2	-2.5	64.7	68.2	-3.5	Peak	Vertical
	12067.0	49.4	-2.8	46.6	74.0	-27.4	Peak	Vertical
*	14702.0	47.1	3.1	50.2	68.2	-18.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)		Polarization
	8293.0	42.9	2.7	45.6	74.0	-28.4	Peak	Horizontal
*	10435.0	62.1	4.2	66.3	68.2	-1.9	Peak	Horizontal
	12135.0	41.9	5.9	47.8	74.0	-26.2	Peak	Horizontal
*	15093.0	40.4	10.9	51.3	68.2	-16.9	Peak	Horizontal
	8293.0	43.1	2.7	45.8	74.0	-28.2	Peak	Vertical
*	10443.5	59.7	4.2	63.9	68.2	-4.3	Peak	Vertical
	12092.5	41.7	6.2	47.9	74.0	-26.1	Peak	Vertical
*	14625.5	40.6	10.9	51.5	68.2	-16.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8140.0	43.3	2.6	45.9	74.0	-28.1	Peak	Horizontal
*	10486.0	61.5	4.6	66.1	68.2	-2.1	Peak	Horizontal
	12449.5	42.8	6.7	49.5	74.0	-24.5	Peak	Horizontal
*	14897.5	39.4	10.8	50.2	68.2	-18.0	Peak	Horizontal
	8174.0	43.7	2.6	46.3	74.0	-27.7	Peak	Vertical
*	10477.5	56.3	4.4	60.7	68.2	-7.5	Peak	Vertical
	11990.5	41.8	5.9	47.7	74.0	-26.3	Peak	Vertical
*	14957.0	40.0	10.5	50.5	68.2	-17.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8233.5	49.7	-4.3	45.4	74.0	-28.6	Peak	Horizontal
*	10511.5	53.4	-2.5	50.9	68.2	-17.3	Peak	Horizontal
	12424.0	49.1	-2.3	46.8	74.0	-27.2	Peak	Horizontal
*	17269.0	47.7	5.6	53.3	68.2	-14.9	Peak	Horizontal
	8318.5	49.6	-4.0	45.6	74.0	-28.4	Peak	Vertical
*	10511.5	55.0	-2.5	52.5	68.2	-15.7	Peak	Vertical
	14498.0	47.9	2.6	50.5	74.0	-23.5	Peak	Vertical
*	17175.5	45.5	5.1	50.6	68.2	-17.6	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	7570.5	49.6	-5.5	44.1	74.0	-29.9	Peak	Horizontal
*	10596.5	57.5	-2.2	55.3	68.2	-12.9	Peak	Horizontal
*	14073.0	47.6	2.1	49.7	68.2	-18.5	Peak	Horizontal
	15807.0	47.1	3.8	50.9	74.0	-23.1	Peak	Horizontal
	8497.0	49.1	-3.6	45.5	74.0	-28.5	Peak	Vertical
	10605.0	59.4	-2.4	57.0	74.0	-17.0	Peak	Vertical
	10605.0	46.9	-2.4	44.5	54.0	-9.5	Average	Vertical
*	14005.0	47.8	2.1	49.9	68.2	-18.3	Peak	Vertical
*	16614.5	45.6	5.4	51.0	68.2	-17.2	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8420.5	49.9	-4.0	45.9	74.0	-28.1	Peak	Horizontal
	10639.0	57.8	-2.4	55.4	74.0	-18.6	Peak	Horizontal
	10639.0	46.4	-2.4	44.0	54.0	-10.0	Average	Horizontal
*	14217.5	47.6	2.4	50.0	68.2	-18.2	Peak	Horizontal
*	16623.0	46.7	5.3	52.0	68.2	-16.2	Peak	Horizontal
*	8947.5	49.4	-3.1	46.3	68.2	-21.9	Peak	Vertical
	10639.0	60.6	-2.4	58.2	74.0	-15.8	Peak	Vertical
	10639.0	47.7	-2.4	45.3	54.0	-8.7	Average	Vertical
*	13121.0	50.1	-1.0	49.1	68.2	-19.1	Peak	Vertical
	15807.0	47.0	3.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8395.0	50.1	-4.0	46.1	74.0	-27.9	Peak	Horizontal
	10996.0	57.9	-2.5	55.4	74.0	-18.6	Peak	Horizontal
	10996.0	46.0	-2.5	43.5	54.0	-10.5	Average	Horizontal
*	14107.0	47.1	2.2	49.3	68.2	-18.9	Peak	Horizontal
*	17209.5	47.4	5.2	52.6	68.2	-15.6	Peak	Horizontal
	7579.0	50.0	-5.5	44.5	74.0	-29.5	Peak	Vertical
*	9602.0	49.7	-2.8	46.9	68.2	-21.3	Peak	Vertical
	11004.5	63.5	-2.5	61.0	74.0	-13.0	Peak	Vertical
	11004.5	51.9	-2.5	49.4	54.0	-4.6	Average	Vertical
*	14047.5	47.3	2.1	49.4	68.2	-18.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	8743.5	49.4	-3.3	46.1	68.2	-22.1	Peak	Horizontal
	11166.0	53.7	-2.8	50.9	74.0	-23.1	Peak	Horizontal
	15790.0	46.3	4.0	50.3	74.0	-23.7	Peak	Horizontal
*	16929.0	46.5	5.9	52.4	68.2	-15.8	Peak	Horizontal
	8259.0	50.0	-4.0	46.0	74.0	-28.0	Peak	Vertical
*	9984.5	49.0	-2.1	46.9	68.2	-21.3	Peak	Vertical
	11157.5	62.8	-2.7	60.1	74.0	-13.9	Peak	Vertical
	11157.5	50.3	-2.7	47.6	54.0	-6.4	Average	Vertical
*	15025.0	46.0	3.3	49.3	68.2	-18.9	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	8709.5	48.8	-3.3	45.5	68.2	-22.7	Peak	Horizontal
	11404.0	59.9	-3.0	56.9	74.0	-17.1	Peak	Horizontal
	11404.0	48.1	-3.0	45.1	54.0	-8.9	Average	Horizontal
	15713.5	45.5	4.1	49.6	74.0	-24.4	Peak	Horizontal
*	17209.5	47.1	5.2	52.3	68.2	-15.9	Peak	Horizontal
	7689.5	50.1	-5.3	44.8	74.0	-29.2	Peak	Vertical
*	9959.0	49.0	-2.1	46.9	68.2	-21.3	Peak	Vertical
	11404.0	63.9	-3.0	60.9	74.0	-13.1	Peak	Vertical
	11404.0	52.4	-3.0	49.4	54.0	-4.6	Average	Vertical
*	14770.0	47.1	3.2	50.3	68.2	-17.9	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8437.5	49.9	-3.9	46.0	74.0	-28.0	Peak	Horizontal
	11446.5	57.7	-2.9	54.8	74.0	-19.2	Peak	Horizontal
	11446.5	45.9	-2.9	43.0	54.0	-11.0	Average	Horizontal
*	13996.5	47.5	2.1	49.6	68.2	-18.6	Peak	Horizontal
*	16750.5	46.5	5.3	51.8	68.2	-16.4	Peak	Horizontal
	8395.0	49.8	-4.0	45.8	74.0	-28.2	Peak	Vertical
*	10001.5	48.1	-2.2	45.9	68.2	-22.3	Peak	Vertical
	11438.0	63.2	-2.7	60.5	74.0	-13.5	Peak	Vertical
	11438.0	50.6	-2.7	47.9	54.0	-6.1	Average	Vertical
*	15229.0	46.7	3.9	50.6	68.2	-17.6	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	8641.5	48.5	-3.2	45.3	68.2	-22.9	Peak	Horizontal
*	10282.0	48.7	-2.4	46.3	68.2	-21.9	Peak	Horizontal
	11489.0	68.3	-3.2	65.1	74.0	-8.9	Peak	Horizontal
	11489.0	55.1	-3.2	51.9	54.0	-2.1	Average	Horizontal
	15705.0	45.3	4.3	49.6	74.0	-24.4	Peak	Horizontal
	8403.5	49.9	-4.0	45.9	74.0	-28.1	Peak	Vertical
*	10069.5	48.8	-2.3	46.5	68.2	-21.7	Peak	Vertical
	11489.0	70.6	-3.2	67.4	74.0	-6.6	Peak	Vertical
	11489.0	56.7	-3.2	53.5	54.0	-0.5	Average	Vertical
*	13988.0	48.3	2.1	50.4	68.2	-17.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8182.5	43.4	2.6	46.0	74.0	-28.0	Peak	Horizontal
*	10001.5	43.9	4.5	48.4	68.2	-19.8	Peak	Horizontal
	11565.5	53.9	5.4	59.3	74.0	-14.7	Peak	Horizontal
	11565.5	46.5	5.4	51.9	54.0	-2.1	Average	Horizontal
*	14889.0	40.1	11.0	51.1	68.2	-17.1	Peak	Horizontal
	8429.0	43.1	3.0	46.1	74.0	-27.9	Peak	Vertical
*	10299.0	43.7	4.9	48.6	68.2	-19.6	Peak	Vertical
	11574.0	57.7	5.5	63.2	74.0	-10.8	Peak	Vertical
	11574.0	47.0	5.5	52.5	54.0	-1.5	Average	Vertical
*	13818.0	40.9	9.3	50.2	68.2	-18.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8403.5	49.4	-4.0	45.4	74.0	-28.6	Peak	Horizontal
*	9967.5	47.8	-2.1	45.7	68.2	-22.5	Peak	Horizontal
	11650.5	66.1	-2.9	63.2	74.0	-10.8	Peak	Horizontal
	11650.5	53.8	-2.9	50.9	54.0	-3.1	Average	Horizontal
*	14192.0	47.3	2.5	49.8	68.2	-18.4	Peak	Horizontal
	8344.0	49.7	-4.0	45.7	74.0	-28.3	Peak	Vertical
*	9644.5	49.3	-2.8	46.5	68.2	-21.7	Peak	Vertical
	11650.5	66.1	-2.9	63.2	74.0	-10.8	Peak	Vertical
	11650.5	56.4	-2.9	53.5	54.0	-0.5	Average	Vertical
*	14192.0	47.8	2.5	50.3	68.2	-17.9	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8420.5	49.9	-4.0	45.9	74.0	-28.1	Peak	Horizontal
*	10358.5	61.6	-2.5	59.1	68.2	-9.1	Peak	Horizontal
	12237.0	49.5	-2.5	47.0	74.0	-27.0	Peak	Horizontal
*	15195.0	46.2	4.0	50.2	68.2	-18.0	Peak	Horizontal
	8267.5	49.0	-4.0	45.0	74.0	-29.0	Peak	Vertical
*	10350.0	62.4	-2.6	59.8	68.2	-8.4	Peak	Vertical
	12092.5	49.7	-2.8	46.9	74.0	-27.1	Peak	Vertical
*	16954.5	46.3	6.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8182.5	43.5	2.6	46.1	74.0	-27.9	Peak	Horizontal
*	10452.0	59.6	4.2	63.8	68.2	-4.4	Peak	Horizontal
	11701.5	42.3	5.6	47.9	74.0	-26.1	Peak	Horizontal
*	14591.5	40.2	10.9	51.1	68.2	-17.1	Peak	Horizontal
	8429.0	42.9	3.0	45.9	74.0	-28.1	Peak	Vertical
*	10435.0	58.0	4.2	62.2	68.2	-6.0	Peak	Vertical
	12441.0	41.3	6.6	47.9	74.0	-26.1	Peak	Vertical
*	14217.5	41.8	9.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10477.5	62.5	-2.4	60.1	68.2	-8.1	Peak	Horizontal
	15645.5	46.1	4.1	50.2	74.0	-23.8	Peak	Horizontal
*	16725.0	45.8	5.6	51.4	68.2	-16.8	Peak	Horizontal
	17787.5	46.4	7.1	53.5	74.0	-20.5	Peak	Horizontal
	17787.5	34.1	7.1	41.2	54.0	-12.8	Average	Horizontal
*	10477.5	64.8	-2.4	62.4	68.2	-5.8	Peak	Vertical
	12007.5	48.0	-2.8	45.2	74.0	-28.8	Peak	Vertical
	15586.0	44.9	4.3	49.2	74.0	-24.8	Peak	Vertical
*	17481.5	45.7	6.1	51.8	68.2	-16.4	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8403.5	49.3	-4.0	45.3	74.0	-28.7	Peak	Horizontal
*	10520.0	56.8	-2.7	54.1	68.2	-14.1	Peak	Horizontal
	11973.5	49.5	-3.0	46.5	74.0	-27.5	Peak	Horizontal
*	14183.5	47.6	2.5	50.1	68.2	-18.1	Peak	Horizontal
	8293.0	49.5	-3.9	45.6	74.0	-28.4	Peak	Vertical
*	10520.0	57.2	-2.7	54.5	68.2	-13.7	Peak	Vertical
	12024.5	49.4	-2.7	46.7	74.0	-27.3	Peak	Vertical
*	14217.5	47.9	2.4	50.3	68.2	-17.9	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8454.5	50.1	-3.9	46.2	74.0	-27.8	Peak	Horizontal
*	10596.5	55.3	-2.2	53.1	68.2	-15.1	Peak	Horizontal
	11897.0	49.6	-2.8	46.8	74.0	-27.2	Peak	Horizontal
*	15212.0	47.3	3.9	51.2	68.2	-17.0	Peak	Horizontal
	8454.5	49.3	-3.9	45.4	74.0	-28.6	Peak	Vertical
*	10596.5	59.4	-2.2	57.2	68.2	-11.0	Peak	Vertical
	12228.5	49.9	-2.7	47.2	74.0	-26.8	Peak	Vertical
*	14761.5	45.9	3.3	49.2	68.2	-19.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8471.5	49.6	-3.7	45.9	74.0	-28.1	Peak	Horizontal
	10639.0	59.3	-2.4	56.9	74.0	-17.1	Peak	Horizontal
	10639.0	48.7	-2.4	46.3	54.0	-7.7	Average	Horizontal
*	14090.0	47.8	2.2	50.0	68.2	-18.2	Peak	Horizontal
*	16614.5	47.1	5.4	52.5	68.2	-15.7	Peak	Horizontal
	8344.0	49.2	-4.0	45.2	74.0	-28.8	Peak	Vertical
	10639.0	62.6	-2.4	60.2	74.0	-13.8	Peak	Vertical
	10639.0	51.4	-2.4	49.0	54.0	-5.0	Average	Vertical
*	14175.0	47.9	2.6	50.5	68.2	-17.7	Peak	Vertical
*	17022.5	47.0	5.2	52.2	68.2	-16.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	8616.0	47.6	-3.3	44.3	68.2	-23.9	Peak	Horizontal
	11004.5	61.2	-2.5	58.7	74.0	-15.3	Peak	Horizontal
	11004.5	49.2	-2.5	46.7	54.0	-7.3	Average	Horizontal
*	13979.5	46.2	1.9	48.1	68.2	-20.1	Peak	Horizontal
	15645.5	45.2	4.1	49.3	74.0	-24.7	Peak	Horizontal
*	8616.0	48.3	-3.3	45.0	68.2	-23.2	Peak	Vertical
	10996.0	67.8	-2.5	65.3	74.0	-8.7	Peak	Vertical
	10996.0	56.4	-2.5	53.9	54.0	-0.1	Average	Vertical
	13350.5	50.0	-0.5	49.5	74.0	-24.5	Peak	Vertical
*	17252.0	46.6	5.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8488.5	49.3	-3.6	45.7	74.0	-28.3	Peak	Horizontal
*	9984.5	47.9	-2.1	45.8	68.2	-22.4	Peak	Horizontal
	11157.5	60.3	-2.7	57.6	74.0	-16.4	Peak	Horizontal
	11157.5	48.5	-2.7	45.8	54.0	-8.2	Average	Horizontal
*	15161.0	46.7	3.8	50.5	68.2	-17.7	Peak	Horizontal
	8344.0	49.4	-4.0	45.4	74.0	-28.6	Peak	Vertical
*	9721.0	48.2	-2.9	45.3	68.2	-22.9	Peak	Vertical
	11157.5	65.7	-2.7	63.0	74.0	-11.0	Peak	Vertical
	11157.5	54.7	-2.7	52.0	54.0	-2.0	Average	Vertical
*	14005.0	47.1	2.1	49.2	68.2	-19.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8352.5	49.1	-4.0	45.1	74.0	-28.9	Peak	Horizontal
*	10231.0	48.7	-2.3	46.4	68.2	-21.8	Peak	Horizontal
	11395.5	58.9	-3.0	55.9	74.0	-18.1	Peak	Horizontal
	11395.5	47.4	-3.0	44.4	54.0	-9.6	Average	Horizontal
*	15118.5	46.2	3.9	50.1	68.2	-18.1	Peak	Horizontal
	8378.0	49.3	-3.9	45.4	74.0	-28.6	Peak	Vertical
*	9653.0	49.2	-2.7	46.5	68.2	-21.7	Peak	Vertical
	11395.5	65.7	-3.0	62.7	74.0	-11.3	Peak	Vertical
	11395.5	53.0	-3.0	50.0	54.0	-4.0	Average	Vertical
*	16614.5	46.4	5.4	51.8	68.2	-16.4	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8259.0	49.2	-4.0	45.2	74.0	-28.8	Peak	Horizontal
*	10095.0	48.3	-2.4	45.9	68.2	-22.3	Peak	Horizontal
	11438.0	59.2	-2.7	56.5	74.0	-17.5	Peak	Horizontal
	11438.0	47.5	-2.7	44.8	54.0	-9.2	Average	Horizontal
*	13996.5	47.4	2.1	49.5	68.2	-18.7	Peak	Horizontal
	8395.0	49.1	-4.0	45.1	74.0	-28.9	Peak	Vertical
*	10010.0	48.7	-2.3	46.4	68.2	-21.8	Peak	Vertical
	11438.0	66.1	-2.7	63.4	74.0	-10.6	Peak	Vertical
	11438.0	52.8	-2.7	50.1	54.0	-3.9	Average	Vertical
*	14183.5	47.3	2.5	49.8	68.2	-18.4	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	7400.5	49.2	-5.6	43.6	74.0	-30.4	Peak	Horizontal
*	9831.5	49.0	-2.8	46.2	68.2	-22.0	Peak	Horizontal
	11489.0	63.2	-3.2	60.0	74.0	-14.0	Peak	Horizontal
	11489.0	50.9	-3.2	47.7	54.0	-6.3	Average	Horizontal
*	17388.0	46.8	6.0	52.8	68.2	-15.4	Peak	Horizontal
	8446.0	49.8	-3.9	45.9	74.0	-28.1	Peak	Vertical
*	10061.0	49.2	-2.2	47.0	68.2	-21.2	Peak	Vertical
	11489.0	68.8	-3.2	65.6	74.0	-8.4	Peak	Vertical
	11489.0	56.7	-3.2	53.5	54.0	-0.5	Average	Vertical
*	17039.5	47.0	5.3	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	11565.5	60.0	-3.2	56.8	74.0	-17.2	Peak	Horizontal
	11565.5	50.3	-3.2	47.1	54.0	-6.9	Average	Horizontal
*	14234.5	47.0	2.5	49.5	68.2	-18.7	Peak	Horizontal
	15934.5	45.4	4.2	49.6	74.0	-24.4	Peak	Horizontal
*	16716.5	46.8	5.4	52.2	68.2	-16.0	Peak	Horizontal
	11574.0	64.5	-3.2	61.3	74.0	-12.7	Peak	Vertical
	11574.0	54.9	-3.2	51.7	54.0	-2.3	Average	Vertical
	15586.0	46.0	4.3	50.3	74.0	-23.7	Peak	Vertical
*	16801.5	45.2	5.3	50.5	68.2	-17.7	Peak	Vertical
*	17583.5	46.1	6.4	52.5	68.2	-15.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8335.5	49.8	-4.0	45.8	74.0	-28.2	Peak	Horizontal
*	9712.5	49.1	-2.9	46.2	68.2	-22.0	Peak	Horizontal
	11650.5	64.6	-2.9	61.7	74.0	-12.3	Peak	Horizontal
	11650.5	52.2	-2.9	49.3	54.0	-4.7	Average	Horizontal
*	14209.0	47.1	2.4	49.5	68.2	-18.7	Peak	Horizontal
	8310.0	49.5	-4.0	45.5	74.0	-28.5	Peak	Vertical
*	9959.0	47.8	-2.1	45.7	68.2	-22.5	Peak	Vertical
	11659.0	71.2	-2.9	68.3	74.0	-5.7	Peak	Vertical
	11659.0	56.1	-2.9	53.2	54.0	-0.8	Average	Vertical
*	14761.5	46.9	3.3	50.2	68.2	-18.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	7485.5	49.6	-5.6	44.0	74.0	-30.0	Peak	Horizontal
*	10375.5	54.3	-2.4	51.9	68.2	-16.3	Peak	Horizontal
	11982.0	49.5	-2.9	46.6	74.0	-27.4	Peak	Horizontal
*	17048.0	46.7	5.4	52.1	68.2	-16.1	Peak	Horizontal
	8310.0	49.4	-4.0	45.4	74.0	-28.6	Peak	Vertical
*	10384.0	55.8	-2.4	53.4	68.2	-14.8	Peak	Vertical
	12602.5	49.3	-2.0	47.3	74.0	-26.7	Peak	Vertical
*	16937.5	46.3	5.9	52.2	68.2	-16.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10452.0	61.2	-2.7	58.5	68.2	-9.7	Peak	Horizontal
	11905.5	48.2	-2.8	45.4	74.0	-28.6	Peak	Horizontal
	15569.0	46.0	4.4	50.4	74.0	-23.6	Peak	Horizontal
*	17600.5	45.7	6.4	52.1	68.2	-16.1	Peak	Horizontal
*	10469.0	64.7	-2.5	62.2	68.2	-6.0	Peak	Vertical
	11999.0	48.5	-2.9	45.6	74.0	-28.4	Peak	Vertical
	15705.0	46.3	4.3	50.6	74.0	-23.4	Peak	Vertical
*	16971.5	45.7	5.7	51.4	68.2	-16.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8437.5	49.5	-3.9	45.6	74.0	-28.4	Peak	Horizontal
*	10545.5	55.5	-2.7	52.8	68.2	-15.4	Peak	Horizontal
	12007.5	49.7	-2.8	46.9	74.0	-27.1	Peak	Horizontal
*	17473.0	46.1	6.5	52.6	68.2	-15.6	Peak	Horizontal
	8318.5	50.1	-4.0	46.1	74.0	-27.9	Peak	Vertical
*	10537.0	56.1	-2.8	53.3	68.2	-14.9	Peak	Vertical
	12441.0	48.8	-2.5	46.3	74.0	-27.7	Peak	Vertical
*	16623.0	47.2	5.3	52.5	68.2	-15.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8412.0	49.5	-4.0	45.5	74.0	-28.5	Peak	Horizontal
	10622.0	60.6	-2.4	58.2	74.0	-15.8	Peak	Horizontal
	10622.0	46.8	-2.4	44.4	54.0	-9.6	Average	Horizontal
*	13231.5	48.7	-0.9	47.8	68.2	-20.4	Peak	Horizontal
*	15203.5	46.8	4.0	50.8	68.2	-17.4	Peak	Horizontal
	8284.5	49.1	-4.0	45.1	74.0	-28.9	Peak	Vertical
	10622.0	62.4	-2.4	60.0	74.0	-14.0	Peak	Vertical
	10622.0	49.9	-2.4	47.5	54.0	-6.5	Average	Vertical
*	13996.5	47.1	2.1	49.2	68.2	-19.0	Peak	Vertical
*	17048.0	47.1	5.4	52.5	68.2	-15.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8174.0	49.8	-4.5	45.3	74.0	-28.7	Peak	Horizontal
	11030.0	58.7	-2.4	56.3	74.0	-17.7	Peak	Horizontal
	11030.0	45.4	-2.4	43.0	54.0	-11.0	Average	Horizontal
*	13138.0	49.7	-0.7	49.0	68.2	-19.2	Peak	Horizontal
*	15033.5	46.7	3.5	50.2	68.2	-18.0	Peak	Horizontal
	8480.0	49.1	-3.6	45.5	74.0	-28.5	Peak	Vertical
	11021.5	65.3	-2.5	62.8	74.0	-11.2	Peak	Vertical
	11021.5	53.3	-2.5	50.8	54.0	-3.2	Average	Vertical
*	14005.0	47.7	2.1	49.8	68.2	-18.4	Peak	Vertical
*	16631.5	46.4	5.3	51.7	68.2	-16.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8386.5	49.1	-4.0	45.1	74.0	-28.9	Peak	Horizontal
*	10001.5	48.7	-2.2	46.5	68.2	-21.7	Peak	Horizontal
	11089.5	58.2	-2.8	55.4	74.0	-18.6	Peak	Horizontal
	11089.5	47.5	-2.8	44.7	54.0	-9.3	Average	Horizontal
*	16759.0	47.1	5.3	52.4	68.2	-15.8	Peak	Horizontal
	8335.5	49.7	-4.0	45.7	74.0	-28.3	Peak	Vertical
*	9916.5	48.1	-2.6	45.5	68.2	-22.7	Peak	Vertical
	11098.0	64.2	-2.7	61.5	74.0	-12.5	Peak	Vertical
	11098.0	53.8	-2.7	51.1	54.0	-2.9	Average	Vertical
*	14761.5	47.7	3.3	51.0	68.2	-17.2	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8327.0	49.2	-4.1	45.1	74.0	-28.9	Peak	Horizontal
*	9976.0	48.4	-2.1	46.3	68.2	-21.9	Peak	Horizontal
	11336.0	61.4	-2.8	58.6	74.0	-15.4	Peak	Horizontal
	11336.0	47.4	-2.8	44.6	54.0	-9.4	Average	Horizontal
*	14183.5	47.7	2.5	50.2	68.2	-18.0	Peak	Horizontal
	8301.5	49.6	-4.0	45.6	74.0	-28.4	Peak	Vertical
*	9984.5	47.9	-2.1	45.8	68.2	-22.4	Peak	Vertical
	11336.0	65.6	-2.8	62.8	74.0	-11.2	Peak	Vertical
	11336.0	54.1	-2.8	51.3	54.0	-2.7	Average	Vertical
*	13920.0	47.3	1.7	49.0	68.2	-19.2	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8301.5	49.1	-4.0	45.1	74.0	-28.9	Peak	Horizontal
*	9610.5	49.6	-2.9	46.7	68.2	-21.5	Peak	Horizontal
	11421.0	59.4	-2.8	56.6	74.0	-17.4	Peak	Horizontal
	11421.0	46.8	-2.8	44.0	54.0	-10.0	Average	Horizontal
*	15059.0	46.7	3.6	50.3	68.2	-17.9	Peak	Horizontal
	8344.0	49.8	-4.0	45.8	74.0	-28.2	Peak	Vertical
*	9806.0	49.1	-2.8	46.3	68.2	-21.9	Peak	Vertical
	11412.5	64.6	-2.9	61.7	74.0	-12.3	Peak	Vertical
	11412.5	52.8	-2.9	49.9	54.0	-4.1	Average	Vertical
*	14183.5	47.3	2.5	49.8	68.2	-18.4	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8361.0	49.2	-4.0	45.2	74.0	-28.8	Peak	Horizontal
*	9712.5	50.5	-2.9	47.6	68.2	-20.6	Peak	Horizontal
	11514.5	61.0	-3.2	57.8	74.0	-16.2	Peak	Horizontal
	11514.5	49.7	-3.2	46.5	54.0	-7.5	Average	Horizontal
*	16504.0	47.9	5.0	52.9	68.2	-15.3	Peak	Horizontal
	8131.5	49.7	-4.6	45.1	74.0	-28.9	Peak	Vertical
*	10018.5	49.5	-2.2	47.3	68.2	-20.9	Peak	Vertical
	11506.0	67.0	-3.1	63.9	74.0	-10.1	Peak	Vertical
	11506.0	54.4	-3.1	51.3	54.0	-2.7	Average	Vertical
*	17133.0	47.6	5.1	52.7	68.2	-15.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8259.0	48.9	-4.0	44.9	74.0	-29.1	Peak	Horizontal
*	9848.5	48.7	-2.6	46.1	68.2	-22.1	Peak	Horizontal
	11591.0	64.3	-2.9	61.4	74.0	-12.6	Peak	Horizontal
	11591.0	51.4	-2.9	48.5	54.0	-5.5	Average	Horizontal
*	14880.5	47.3	3.0	50.3	68.2	-17.9	Peak	Horizontal
	8386.5	50.1	-4.0	46.1	74.0	-27.9	Peak	Vertical
*	9848.5	48.5	-2.6	45.9	68.2	-22.3	Peak	Vertical
	11591.0	68.6	-2.9	65.7	74.0	-8.3	Peak	Vertical
	11591.0	54.3	-2.9	51.4	54.0	-2.6	Average	Vertical
*	15229.0	46.8	3.9	50.7	68.2	-17.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10418.0	51.8	-2.6	49.2	68.2	-19.0	Peak	Horizontal
	11956.5	48.7	-2.9	45.8	74.0	-28.2	Peak	Horizontal
	12449.5	49.8	-2.6	47.2	74.0	-26.8	Peak	Horizontal
*	13818.0	47.9	0.7	48.6	68.2	-19.6	Peak	Horizontal
*	10435.0	52.6	-2.7	49.9	68.2	-18.3	Peak	Vertical
	11429.5	49.8	-2.8	47.0	74.0	-27.0	Peak	Vertical
	12441.0	48.3	-2.5	45.8	74.0	-28.2	Peak	Vertical
*	13979.5	47.5	1.9	49.4	68.2	-18.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	48.2	-2.6	45.6	68.2	-22.6	Peak	Horizontal
	10605.0	53.8	-2.4	51.4	74.0	-22.6	Peak	Horizontal
	11990.5	49.0	-2.9	46.1	74.0	-27.9	Peak	Horizontal
*	13121.0	48.9	-1.0	47.9	68.2	-20.3	Peak	Horizontal
*	10596.5	57.0	-2.2	54.8	68.2	-13.4	Peak	Vertical
	11047.0	50.1	-2.4	47.7	74.0	-26.3	Peak	Vertical
	12058.5	50.3	-2.8	47.5	74.0	-26.5	Peak	Vertical
*	14098.5	47.7	2.2	49.9	68.2	-18.3	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9823.0	47.6	-2.9	44.7	68.2	-23.5	Peak	Horizontal
	11089.5	53.5	-2.8	50.7	74.0	-23.3	Peak	Horizontal
	12228.5	47.8	-2.7	45.1	74.0	-28.9	Peak	Horizontal
*	13801.0	47.2	0.8	48.0	68.2	-20.2	Peak	Horizontal
*	9772.0	48.8	-2.7	46.1	68.2	-22.1	Peak	Vertical
	11089.5	58.6	-2.8	55.8	74.0	-18.2	Peak	Vertical
	11089.5	46.8	-2.8	44.0	54.0	-10.0	Average	Vertical
	12517.5	48.8	-2.4	46.4	74.0	-27.6	Peak	Vertical
*	13954.0	47.4	1.9	49.3	68.2	-18.9	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9967.5	49.4	-2.1	47.3	68.2	-20.9	Peak	Horizontal
	11242.5	56.0	-2.6	53.4	74.0	-20.6	Peak	Horizontal
	11242.5	46.9	-2.6	44.3	54.0	-9.7	Average	Horizontal
	12033.0	49.8	-2.7	47.1	74.0	-26.9	Peak	Horizontal
*	13928.5	48.9	1.7	50.6	68.2	-17.6	Peak	Horizontal
*	9950.5	48.6	-2.1	46.5	68.2	-21.7	Peak	Vertical
	11217.0	61.0	-2.8	58.2	74.0	-15.8	Peak	Vertical
	11217.0	50.1	-2.8	47.3	54.0	-6.7	Average	Vertical
	12092.5	49.7	-2.8	46.9	74.0	-27.1	Peak	Vertical
*	14107.0	47.3	2.2	49.5	68.2	-18.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	48.9	-2.1	46.8	68.2	-21.4	Peak	Horizontal
	11404.0	54.7	-3.0	51.7	74.0	-22.3	Peak	Horizontal
	11404.0	45.3	-3.0	42.3	54.0	-11.7	Average	Horizontal
	12058.5	48.7	-2.8	45.9	74.0	-28.1	Peak	Horizontal
*	13996.5	47.4	2.1	49.5	68.2	-18.7	Peak	Horizontal
*	10061.0	48.7	-2.2	46.5	68.2	-21.7	Peak	Vertical
	11395.5	60.9	-3.0	57.9	74.0	-16.1	Peak	Vertical
	11395.5	50.0	-3.0	47.0	54.0	-7.0	Average	Vertical
	12356.0	49.8	-2.3	47.5	74.0	-26.5	Peak	Vertical
*	14098.5	47.8	2.2	50.0	68.2	-18.2	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9780.5	48.6	-2.7	45.9	68.2	-22.3	Peak	Horizontal
	11557.0	54.4	-3.3	51.1	74.0	-22.9	Peak	Horizontal
	11557.0	44.0	-3.3	40.7	54.0	-13.3	Average	Horizontal
	12262.5	49.9	-2.7	47.2	74.0	-26.8	Peak	Horizontal
*	13792.5	47.5	0.8	48.3	68.2	-19.9	Peak	Horizontal
*	10078.0	49.1	-2.3	46.8	68.2	-21.4	Peak	Vertical
	11574.0	59.8	-3.2	56.6	74.0	-17.4	Peak	Vertical
	11574.0	49.7	-3.2	46.5	54.0	-7.5	Average	Vertical
	12135.0	50.8	-3.1	47.7	74.0	-26.3	Peak	Vertical
*	14183.5	47.8	2.5	50.3	68.2	-17.9	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10537.0	53.7	-2.8	50.9	68.2	-17.3	Peak	Horizontal
	11676.0	49.9	-3.0	46.9	74.0	-27.1	Peak	Horizontal
	12602.5	48.9	-2.0	46.9	74.0	-27.1	Peak	Horizontal
*	14030.5	48.1	2.0	50.1	68.2	-18.1	Peak	Horizontal
*	10469.0	52.6	-2.5	50.1	68.2	-18.1	Peak	Vertical
	11897.0	49.2	-2.8	46.4	74.0	-27.6	Peak	Vertical
	12611.0	49.8	-1.9	47.9	74.0	-26.1	Peak	Vertical
*	13988.0	47.9	2.1	50.0	68.2	-18.2	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8327.0	49.3	-4.1	45.2	74.0	-28.8	Peak	Horizontal
*	10460.5	54.2	-2.6	51.6	68.2	-16.6	Peak	Horizontal
	11778.0	50.4	-3.2	47.2	74.0	-26.8	Peak	Horizontal
*	12925.5	48.5	-1.4	47.1	68.2	-21.1	Peak	Horizontal
*	10469.0	51.8	-2.5	49.3	68.2	-18.9	Peak	Vertical
	11038.5	48.6	-2.4	46.2	74.0	-27.8	Peak	Vertical
	12084.0	49.7	-2.9	46.8	74.0	-27.2	Peak	Vertical
*	14175.0	47.3	2.6	49.9	68.2	-18.3	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10358.5	60.8	-2.5	58.3	68.2	-9.9	Peak	Horizontal
	10945.0	48.8	-2.4	46.4	74.0	-27.6	Peak	Horizontal
	11786.5	50.2	-3.2	47.0	74.0	-27.0	Peak	Horizontal
*	13877.5	48.2	1.1	49.3	68.2	-18.9	Peak	Horizontal
*	9729.5	48.1	-2.9	45.2	68.2	-23.0	Peak	Vertical
*	10358.5	60.3	-2.5	57.8	68.2	-10.4	Peak	Vertical
	11166.0	49.0	-2.8	46.2	74.0	-27.8	Peak	Vertical
	12517.5	48.5	-2.4	46.1	74.0	-27.9	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10435.0	65.3	-2.7	62.6	68.2	-5.6	Peak	Horizontal
	12602.5	47.5	-2.0	45.5	74.0	-28.5	Peak	Horizontal
	15654.0	46.8	4.1	50.9	74.0	-23.1	Peak	Horizontal
*	17575.0	46.0	6.4	52.4	68.2	-15.8	Peak	Horizontal
*	10443.5	62.4	-2.7	59.7	68.2	-8.5	Peak	Vertical
	12296.5	47.9	-2.4	45.5	74.0	-28.5	Peak	Vertical
	15679.5	46.2	4.1	50.3	74.0	-23.7	Peak	Vertical
*	16937.5	45.2	5.9	51.1	68.2	-17.1	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10477.5	62.6	-2.4	60.2	68.2	-8.0	Peak	Horizontal
	12475.0	47.9	-2.5	45.4	74.0	-28.6	Peak	Horizontal
	15926.0	46.1	4.2	50.3	74.0	-23.7	Peak	Horizontal
*	16971.5	45.3	5.7	51.0	68.2	-17.2	Peak	Horizontal
*	10486.0	65.1	-2.3	62.8	68.2	-5.4	Peak	Vertical
	11897.0	48.1	-2.8	45.3	74.0	-28.7	Peak	Vertical
	15705.0	45.5	4.3	49.8	74.0	-24.2	Peak	Vertical
*	16963.0	45.9	6.0	51.9	68.2	-16.3	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10358.5	59.7	-2.5	57.2	68.2	-11.0	Peak	Horizontal
	11786.5	49.3	-3.2	46.1	74.0	-27.9	Peak	Horizontal
	12628.0	49.1	-2.0	47.1	74.0	-26.9	Peak	Horizontal
*	14141.0	47.1	2.2	49.3	68.2	-18.9	Peak	Horizontal
*	10358.5	61.5	-2.5	59.0	68.2	-9.2	Peak	Vertical
	11123.5	48.1	-2.6	45.5	74.0	-28.5	Peak	Vertical
	11897.0	49.4	-2.8	46.6	74.0	-27.4	Peak	Vertical
*	14073.0	47.5	2.1	49.6	68.2	-18.6	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9865.5	48.4	-2.5	45.9	68.2	-22.3	Peak	Horizontal
	10605.0	57.1	-2.4	54.7	74.0	-19.3	Peak	Horizontal
	10605.0	48.7	-2.4	46.3	54.0	-7.7	Average	Horizontal
	12024.5	49.4	-2.7	46.7	74.0	-27.3	Peak	Horizontal
*	13988.0	47.1	2.1	49.2	68.2	-19.0	Peak	Horizontal
*	9984.5	48.2	-2.1	46.1	68.2	-22.1	Peak	Vertical
	10605.0	58.5	-2.4	56.1	74.0	-17.9	Peak	Vertical
	10605.0	47.4	-2.4	45.0	54.0	-9.0	Average	Vertical
	12067.0	49.2	-2.8	46.4	74.0	-27.6	Peak	Vertical
*	13996.5	47.8	2.1	49.9	68.2	-18.3	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9644.5	48.6	-2.8	45.8	68.2	-22.4	Peak	Horizontal
	10639.0	60.6	-2.4	58.2	74.0	-15.8	Peak	Horizontal
	10639.0	49.0	-2.4	46.6	54.0	-7.4	Average	Horizontal
	12492.0	49.1	-2.4	46.7	74.0	-27.3	Peak	Horizontal
*	13877.5	48.3	1.1	49.4	68.2	-18.8	Peak	Horizontal
*	10035.5	47.9	-2.1	45.8	68.2	-22.4	Peak	Vertical
	10639.0	60.2	-2.4	57.8	74.0	-16.2	Peak	Vertical
	10639.0	52.1	-2.4	49.7	54.0	-4.3	Average	Vertical
	11973.5	50.7	-3.0	47.7	74.0	-26.3	Peak	Vertical
*	13937.0	47.7	1.7	49.4	68.2	-18.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9933.5	48.2	-2.3	45.9	68.2	-22.3	Peak	Horizontal
	10996.0	58.2	-2.5	55.7	74.0	-18.3	Peak	Horizontal
	10996.0	49.8	-2.5	47.3	54.0	-6.7	Average	Horizontal
	12033.0	49.4	-2.7	46.7	74.0	-27.3	Peak	Horizontal
*	14183.5	47.3	2.5	49.8	68.2	-18.4	Peak	Horizontal
*	9993.0	48.0	-2.2	45.8	68.2	-22.4	Peak	Vertical
	10996.0	64.3	-2.5	61.8	74.0	-12.2	Peak	Vertical
	10996.0	54.1	-2.5	51.6	54.0	-2.4	Average	Vertical
	12109.5	49.3	-3.0	46.3	74.0	-27.7	Peak	Vertical
*	13954.0	47.7	1.9	49.6	68.2	-18.6	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9831.5	49.6	-2.8	46.8	68.2	-21.4	Peak	Horizontal
	11157.5	57.0	-2.7	54.3	74.0	-19.7	Peak	Horizontal
	11157.5	47.3	-2.7	44.6	54.0	-9.4	Average	Horizontal
	12237.0	49.3	-2.5	46.8	74.0	-27.2	Peak	Horizontal
*	13954.0	48.5	1.9	50.4	68.2	-17.8	Peak	Horizontal
*	9653.0	49.6	-2.7	46.9	68.2	-21.3	Peak	Vertical
	11157.5	63.1	-2.7	60.4	74.0	-13.6	Peak	Vertical
	11157.5	53.9	-2.7	51.2	54.0	-2.8	Average	Vertical
	12152.0	49.0	-3.2	45.8	74.0	-28.2	Peak	Vertical
*	14064.5	48.9	2.2	51.1	68.2	-17.1	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	47.3	-2.4	44.9	68.2	-23.3	Peak	Horizontal
	11412.5	57.0	-2.9	54.1	74.0	-19.9	Peak	Horizontal
	11412.5	46.0	-2.9	43.1	54.0	-10.9	Average	Horizontal
	12058.5	48.5	-2.8	45.7	74.0	-28.3	Peak	Horizontal
*	13886.0	48.2	1.3	49.5	68.2	-18.7	Peak	Horizontal
*	10018.5	49.4	-2.2	47.2	68.2	-21.0	Peak	Vertical
	11395.5	61.8	-3.0	58.8	74.0	-15.2	Peak	Vertical
	11395.5	51.1	-3.0	48.1	54.0	-5.9	Average	Vertical
	12407.0	48.7	-2.3	46.4	74.0	-27.6	Peak	Vertical
*	13954.0	47.8	1.9	49.7	68.2	-18.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	48.0	-2.2	45.8	68.2	-22.4	Peak	Horizontal
	11438.0	55.8	-2.7	53.1	74.0	-20.9	Peak	Horizontal
	11438.0	46.3	-2.7	43.6	54.0	-10.4	Average	Horizontal
	12305.0	49.2	-2.5	46.7	74.0	-27.3	Peak	Horizontal
*	13894.5	47.2	1.3	48.5	68.2	-19.7	Peak	Horizontal
*	10035.5	48.9	-2.1	46.8	68.2	-21.4	Peak	Vertical
	11446.5	65.0	-2.9	62.1	74.0	-11.9	Peak	Vertical
	11446.5	52.7	-2.9	49.8	54.0	-4.2	Average	Vertical
	12330.5	48.3	-2.5	45.8	74.0	-28.2	Peak	Vertical
*	14081.5	47.9	2.2	50.1	68.2	-18.1	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9933.5	48.1	-2.3	45.8	68.2	-22.4	Peak	Horizontal
	11489.0	63.1	-3.2	59.9	74.0	-14.1	Peak	Horizontal
	11489.0	53.1	-3.2	49.9	54.0	-4.1	Average	Horizontal
	12254.0	49.0	-2.8	46.2	74.0	-27.8	Peak	Horizontal
*	14013.5	47.2	2.0	49.2	68.2	-19.0	Peak	Horizontal
*	10350.0	47.2	-2.6	44.6	68.2	-23.6	Peak	Vertical
	11489.0	67.2	-3.2	64.0	74.0	-10.0	Peak	Vertical
	11489.0	57.0	-3.2	53.8	54.0	-0.2	Average	Vertical
	12237.0	49.0	-2.5	46.5	74.0	-27.5	Peak	Vertical
*	14192.0	47.2	2.5	49.7	68.2	-18.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	48.1	-2.2	45.9	68.2	-22.3	Peak	Horizontal
	11574.0	65.3	-3.2	62.1	74.0	-11.9	Peak	Horizontal
	12441.0	47.8	-2.5	45.3	74.0	-28.7	Peak	Horizontal
*	13996.5	47.0	2.1	49.1	68.2	-19.1	Peak	Horizontal
*	10103.5	48.0	-2.5	45.5	68.2	-22.7	Peak	Vertical
	11574.0	65.1	-3.2	61.9	74.0	-12.1	Peak	Vertical
	11574.0	56.2	-3.2	53.0	54.0	-1.0	Average	Vertical
	12254.0	48.8	-2.8	46.0	74.0	-28.0	Peak	Vertical
*	13979.5	47.7	1.9	49.6	68.2	-18.6	Peak	Vertical
<p>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.</p> <p>Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)</p> <p>Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)</p>								

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	48.2	-2.2	46.0	68.2	-22.2	Peak	Horizontal
	11650.5	64.0	-2.9	61.1	74.0	-12.9	Peak	Horizontal
	11650.5	54.3	-2.9	51.4	54.0	-2.6	Average	Horizontal
	12237.0	49.3	-2.5	46.8	74.0	-27.2	Peak	Horizontal
*	13996.5	47.9	2.1	50.0	68.2	-18.2	Peak	Horizontal
*	9857.0	47.6	-2.4	45.2	68.2	-23.0	Peak	Vertical
	10843.0	48.9	-2.8	46.1	74.0	-27.9	Peak	Vertical
	11650.5	64.6	-2.9	61.7	74.0	-12.3	Peak	Vertical
	11650.5	54.6	-2.9	51.7	54.0	-2.3	Average	Vertical
*	13988.0	47.2	2.1	49.3	68.2	-18.9	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10375.5	52.3	-2.4	49.9	68.2	-18.3	Peak	Horizontal
	11361.5	49.8	-2.7	47.1	74.0	-26.9	Peak	Horizontal
	12254.0	49.0	-2.8	46.2	74.0	-27.8	Peak	Horizontal
*	14209.0	47.4	2.4	49.8	68.2	-18.4	Peak	Horizontal
*	10384.0	55.7	-2.4	53.3	68.2	-14.9	Peak	Vertical
	11599.5	48.7	-2.9	45.8	74.0	-28.2	Peak	Vertical
	12024.5	49.6	-2.7	46.9	74.0	-27.1	Peak	Vertical
*	14081.5	47.5	2.2	49.7	68.2	-18.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10469.0	61.6	-2.5	59.1	68.2	-9.1	Peak	Horizontal
	12279.5	47.8	-2.5	45.3	74.0	-28.7	Peak	Horizontal
	15603.0	45.7	4.1	49.8	74.0	-24.2	Peak	Horizontal
*	16699.5	45.8	5.1	50.9	68.2	-17.3	Peak	Horizontal
*	10469.0	64.6	-2.5	62.1	68.2	-6.1	Peak	Vertical
	12322.0	48.0	-2.4	45.6	74.0	-28.4	Peak	Vertical
	15518.0	45.6	4.2	49.8	74.0	-24.2	Peak	Vertical
*	16997.0	45.5	5.3	50.8	68.2	-17.4	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10537.0	56.1	-2.8	53.3	68.2	-14.9	Peak	Horizontal
	11684.5	48.8	-3.0	45.8	74.0	-28.2	Peak	Horizontal
	12228.5	49.2	-2.7	46.5	74.0	-27.5	Peak	Horizontal
*	14090.0	47.6	2.2	49.8	68.2	-18.4	Peak	Horizontal
*	10537.0	56.3	-2.8	53.5	68.2	-14.7	Peak	Vertical
	11319.0	49.0	-2.7	46.3	74.0	-27.7	Peak	Vertical
	12313.5	48.4	-2.5	45.9	74.0	-28.1	Peak	Vertical
*	14124.0	47.7	2.2	49.9	68.2	-18.3	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9959.0	48.6	-2.1	46.5	68.2	-21.7	Peak	Horizontal
	10622.0	54.2	-2.4	51.8	74.0	-22.2	Peak	Horizontal
	10622.0	43.8	-2.4	41.4	54.0	-12.6	Average	Horizontal
	12033.0	48.8	-2.7	46.1	74.0	-27.9	Peak	Horizontal
*	14107.0	47.6	2.2	49.8	68.2	-18.4	Peak	Horizontal
*	9644.5	48.7	-2.8	45.9	68.2	-22.3	Peak	Vertical
	10622.0	57.6	-2.4	55.2	74.0	-18.8	Peak	Vertical
	10622.0	48.0	-2.4	45.6	54.0	-8.4	Average	Vertical
	11880.0	50.1	-3.0	47.1	74.0	-26.9	Peak	Vertical
*	13996.5	47.9	2.1	50.0	68.2	-18.2	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9908.0	48.4	-2.6	45.8	68.2	-22.4	Peak	Horizontal
	11021.5	58.4	-2.5	55.9	74.0	-18.1	Peak	Horizontal
	11021.5	49.7	-2.5	47.2	54.0	-6.8	Average	Horizontal
	12245.5	48.9	-2.7	46.2	74.0	-27.8	Peak	Horizontal
*	14183.5	47.7	2.5	50.2	68.2	-18.0	Peak	Horizontal
*	9993.0	48.8	-2.2	46.6	68.2	-21.6	Peak	Vertical
	11021.5	62.9	-2.5	60.4	74.0	-13.6	Peak	Vertical
	11021.5	53.7	-2.5	51.2	54.0	-2.8	Average	Vertical
	12050.0	49.6	-2.9	46.7	74.0	-27.3	Peak	Vertical
*	14107.0	47.7	2.2	49.9	68.2	-18.3	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10086.5	48.4	-2.4	46.0	68.2	-22.2	Peak	Horizontal
	11098.0	57.4	-2.7	54.7	74.0	-19.3	Peak	Horizontal
	11098.0	47.1	-2.7	44.4	54.0	-9.6	Average	Horizontal
	12211.5	49.2	-2.8	46.4	74.0	-27.6	Peak	Horizontal
*	14081.5	47.4	2.2	49.6	68.2	-18.6	Peak	Horizontal
*	9908.0	49.2	-2.6	46.6	68.2	-21.6	Peak	Vertical
	11098.0	62.3	-2.7	59.6	74.0	-14.4	Peak	Vertical
	11098.0	53.1	-2.7	50.4	54.0	-3.6	Average	Vertical
	11956.5	49.9	-2.9	47.0	74.0	-27.0	Peak	Vertical
*	13988.0	47.9	2.1	50.0	68.2	-18.2	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10095.0	49.6	-2.4	47.2	68.2	-21.0	Peak	Horizontal
	11336.0	57.3	-2.8	54.5	74.0	-19.5	Peak	Horizontal
	11336.0	46.5	-2.8	43.7	54.0	-10.3	Average	Horizontal
	12016.0	49.5	-2.7	46.8	74.0	-27.2	Peak	Horizontal
*	13061.5	48.6	-1.0	47.6	68.2	-20.6	Peak	Horizontal
*	9942.0	49.0	-2.2	46.8	68.2	-21.4	Peak	Vertical
	11336.0	62.2	-2.8	59.4	74.0	-14.6	Peak	Vertical
	11336.0	52.1	-2.8	49.3	54.0	-4.7	Average	Vertical
	12577.0	49.7	-2.3	47.4	74.0	-26.6	Peak	Vertical
*	14090.0	47.9	2.2	50.1	68.2	-18.1	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10290.5	48.1	-2.3	45.8	68.2	-22.4	Peak	Horizontal
	11421.0	55.5	-2.8	52.7	74.0	-21.3	Peak	Horizontal
	11421.0	45.2	-2.8	42.4	54.0	-11.6	Average	Horizontal
	12509.0	49.7	-2.5	47.2	74.0	-26.8	Peak	Horizontal
*	13911.5	47.4	1.6	49.0	68.2	-19.2	Peak	Horizontal
*	10299.0	48.7	-2.1	46.6	68.2	-21.6	Peak	Vertical
	11421.0	61.1	-2.8	58.3	74.0	-15.7	Peak	Vertical
	11421.0	51.2	-2.8	48.4	54.0	-5.6	Average	Vertical
	12322.0	48.8	-2.4	46.4	74.0	-27.6	Peak	Vertical
*	14115.5	47.4	2.2	49.6	68.2	-18.6	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	10911.0	50.1	-2.4	47.7	74.0	-26.3	Peak	Horizontal
	11514.5	62.5	-3.2	59.3	74.0	-14.7	Peak	Horizontal
	11514.5	51.7	-3.2	48.5	54.0	-5.5	Average	Horizontal
*	12891.5	51.1	-1.4	49.7	68.2	-18.5	Peak	Horizontal
*	14005.0	49.8	2.1	51.9	68.2	-16.3	Peak	Horizontal
*	10035.5	50.2	-2.1	48.1	68.2	-20.1	Peak	Vertical
	11497.5	67.2	-3.2	64.0	74.0	-10.0	Peak	Vertical
	11497.5	54.7	-3.2	51.5	54.0	-2.5	Average	Vertical
	12517.5	51.3	-2.4	48.9	74.0	-25.1	Peak	Vertical
*	14098.5	49.3	2.2	51.5	68.2	-16.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	9143.0	49.9	-3.3	46.6	74.0	-27.4	Peak	Horizontal
*	10282.0	50.4	-2.4	48.0	68.2	-20.2	Peak	Horizontal
	11599.5	64.7	-2.9	61.8	74.0	-12.2	Peak	Horizontal
	11599.5	52.0	-2.9	49.1	54.0	-4.9	Average	Horizontal
*	13095.5	52.0	-1.2	50.8	68.2	-17.4	Peak	Horizontal
	9058.0	50.9	-3.3	47.6	74.0	-26.4	Peak	Vertical
*	10443.5	50.6	-2.7	47.9	68.2	-20.3	Peak	Vertical
	11582.5	64.7	-3.1	61.6	74.0	-12.4	Peak	Vertical
	11582.5	52.2	-3.1	49.1	54.0	-4.9	Average	Vertical
*	14090.0	49.8	2.2	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10443.5	56.9	-2.7	54.2	68.2	-14.0	Peak	Horizontal
	11438.0	50.9	-2.7	48.2	74.0	-25.8	Peak	Horizontal
	12092.5	51.0	-2.8	48.2	74.0	-25.8	Peak	Horizontal
*	13138.0	50.9	-0.7	50.2	68.2	-18.0	Peak	Horizontal
*	10409.5	57.3	-2.4	54.9	68.2	-13.3	Peak	Vertical
	11982.0	51.7	-2.9	48.8	74.0	-25.2	Peak	Vertical
*	12900.0	50.9	-1.4	49.5	68.2	-18.7	Peak	Vertical
*	14192.0	49.2	2.5	51.7	68.2	-16.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	8786.0	52.3	-3.3	49.0	68.2	-19.2	Peak	Horizontal
	10605.0	57.6	-2.4	55.2	74.0	-18.8	Peak	Horizontal
	10605.0	46.4	-2.4	44.0	54.0	-10.0	Average	Horizontal
	12067.0	52.0	-2.8	49.2	74.0	-24.8	Peak	Horizontal
*	13044.5	51.2	-1.0	50.2	68.2	-18.0	Peak	Horizontal
*	9840.0	50.7	-2.7	48.0	68.2	-20.2	Peak	Vertical
	10605.0	57.6	-2.4	55.2	74.0	-18.8	Peak	Vertical
	10605.0	47.0	-2.4	44.6	54.0	-9.4	Average	Vertical
	11990.5	51.1	-2.9	48.2	74.0	-25.8	Peak	Vertical
*	14039.0	49.0	2.1	51.1	68.2	-17.1	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9959.0	49.4	-2.1	47.3	68.2	-20.9	Peak	Horizontal
	11047.0	56.3	-2.4	53.9	74.0	-20.1	Peak	Horizontal
	11047.0	45.5	-2.4	43.1	54.0	-10.9	Average	Horizontal
	12067.0	51.5	-2.8	48.7	74.0	-25.3	Peak	Horizontal
*	13809.5	50.4	0.8	51.2	68.2	-17.0	Peak	Horizontal
*	10069.5	50.7	-2.3	48.4	68.2	-19.8	Peak	Vertical
	11047.0	61.4	-2.4	59.0	74.0	-15.0	Peak	Vertical
	11047.0	51.0	-2.4	48.6	54.0	-5.4	Average	Vertical
	12220.0	50.8	-2.9	47.9	74.0	-26.1	Peak	Vertical
*	13928.5	49.5	1.7	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9984.5	50.0	-2.1	47.9	68.2	-20.3	Peak	Horizontal
	11047.0	56.0	-2.4	53.6	74.0	-20.4	Peak	Horizontal
	11047.0	44.9	-2.4	42.5	54.0	-11.5	Average	Horizontal
	12262.5	51.0	-2.7	48.3	74.0	-25.7	Peak	Horizontal
*	14217.5	49.8	2.4	52.2	68.2	-16.0	Peak	Horizontal
*	9763.5	50.8	-2.7	48.1	68.2	-20.1	Peak	Vertical
	11064.0	60.6	-2.8	57.8	74.0	-16.2	Peak	Vertical
	11064.0	49.7	-2.8	46.9	54.0	-7.1	Average	Vertical
	12500.5	50.6	-2.4	48.2	74.0	-25.8	Peak	Vertical
*	13886.0	50.1	1.3	51.4	68.2	-16.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	11378.5	58.1	-2.9	55.2	74.0	-18.8	Peak	Horizontal
	11378.5	47.7	-2.9	44.8	54.0	-9.2	Average	Horizontal
	11684.5	49.9	-3.0	46.9	74.0	-27.1	Peak	Horizontal
*	12891.5	50.5	-1.4	49.1	68.2	-19.1	Peak	Horizontal
*	14183.5	48.8	2.5	51.3	68.2	-16.9	Peak	Horizontal
	10928.0	50.3	-2.4	47.9	74.0	-26.1	Peak	Vertical
	11378.5	63.5	-2.9	60.6	74.0	-13.4	Peak	Vertical
	11378.5	52.5	-2.9	49.6	54.0	-4.4	Average	Vertical
*	13129.5	51.0	-0.9	50.1	68.2	-18.1	Peak	Vertical
*	14005.0	49.3	2.1	51.4	68.2	-16.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9593.5	49.3	-2.8	46.5	68.2	-21.7	Peak	Horizontal
*	10282.0	49.1	-2.4	46.7	68.2	-21.5	Peak	Horizontal
	11574.0	57.5	-3.2	54.3	74.0	-19.7	Peak	Horizontal
	11574.0	46.7	-3.2	43.5	54.0	-10.5	Average	Horizontal
	12356.0	51.2	-2.3	48.9	74.0	-25.1	Peak	Horizontal
*	9993.0	49.6	-2.2	47.4	68.2	-20.8	Peak	Vertical
	11548.5	59.0	-3.3	55.7	74.0	-18.3	Peak	Vertical
	11548.5	48.8	-3.3	45.5	54.0	-8.5	Average	Vertical
	12254.0	51.1	-2.8	48.3	74.0	-25.7	Peak	Vertical
*	13070.0	50.4	-1.0	49.4	68.2	-18.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	10469.0	55.0	-2.5	52.5	68.2	-15.7	Peak	Horizontal
	11625.0	51.9	-3.0	48.9	74.0	-25.1	Peak	Horizontal
	12296.5	51.0	-2.4	48.6	74.0	-25.4	Peak	Horizontal
*	13733.0	50.1	0.5	50.6	68.2	-17.6	Peak	Horizontal
*	10554.0	55.2	-2.6	52.6	68.2	-15.6	Peak	Vertical
	11336.0	49.8	-2.8	47.0	74.0	-27.0	Peak	Vertical
	12339.0	51.3	-2.5	48.8	74.0	-25.2	Peak	Vertical
*	13852.0	49.4	1.0	50.4	68.2	-17.8	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	50.5	-2.4	48.1	68.2	-20.1	Peak	Horizontal
	11098.0	54.8	-2.7	52.1	74.0	-21.9	Peak	Horizontal
	11098.0	43.9	-2.7	41.2	54.0	-12.8	Average	Horizontal
	12084.0	51.4	-2.9	48.5	74.0	-25.5	Peak	Horizontal
*	13053.0	50.8	-1.0	49.8	68.2	-18.4	Peak	Horizontal
*	10188.5	49.7	-2.7	47.0	68.2	-21.2	Peak	Vertical
	11132.0	60.3	-2.6	57.7	74.0	-16.3	Peak	Vertical
	11132.0	49.7	-2.6	47.1	54.0	-6.9	Average	Vertical
	12169.0	51.9	-3.2	48.7	74.0	-25.3	Peak	Vertical
*	14030.5	49.1	2.0	51.1	68.2	-17.1	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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