Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	31.2	13.7	44.9	68.2	-23.3	Peak	Horizontal
	11582.5	31.1	17.5	48.6	74.0	-25.4	Peak	Horizontal
	12169.0	28.7	17.4	46.1	74.0	-27.9	Peak	Horizontal
*	13979.5	30.2	19.1	49.3	68.2	-18.9	Peak	Horizontal
*	10078.0	32.3	13.7	46.0	68.2	-22.2	Peak	Vertical
	10928.0	31.2	16.7	47.9	74.0	-26.1	Peak	Vertical
	11727.0	30.4	17.9	48.3	74.0	-25.7	Peak	Vertical
*	13911.5	29.6	18.7	48.3	68.2	-19.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-02	Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	30.9	13.7	44.6	68.2	-23.6	Peak	Horizontal
*	10078.0	30.9	13.7	44.7	68.2	-23.5	Peak	Horizontal
	11523.0	31.5	17.2	48.6	74.0	-25.4	Peak	Horizontal
	12653.5	32.5	16.8	49.3	74.0	-24.7	Peak	Horizontal
*	9857.0	30.6	13.5	44.1	68.2	-24.1	Peak	Vertical
*	10265.0	30.6	14.6	45.1	68.2	-23.1	Peak	Vertical
	11557.0	31.0	17.9	48.8	74.0	-25.2	Peak	Vertical
	12271.0	29.7	17.3	47.0	74.0	-27.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-02	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	30.9	13.5	44.3	68.2	-23.9	Peak	Horizontal
*	10265.0	31.3	14.6	45.8	68.2	-22.4	Peak	Horizontal
	11455.0	31.4	17.4	48.9	74.0	-25.1	Peak	Horizontal
	12058.5	29.7	17.0	46.6	74.0	-27.4	Peak	Horizontal
*	10035.5	31.4	13.9	45.3	68.2	-22.9	Peak	Vertical
*	10307.5	30.5	14.9	45.3	68.2	-22.9	Peak	Vertical
	11021.5	29.7	16.4	46.1	74.0	-27.9	Peak	Vertical
	11557.0	31.5	17.9	49.3	74.0	-24.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.8	13.9	45.7	68.2	-22.5	Peak	Horizontal
	11438.0	32.1	17.2	49.3	74.0	-24.7	Peak	Horizontal
	12109.5	28.9	17.0	45.9	74.0	-28.1	Peak	Horizontal
*	13911.5	29.9	18.7	48.6	68.2	-19.6	Peak	Horizontal
*	10120.5	30.6	14.1	44.7	68.2	-23.5	Peak	Vertical
	11174.5	30.3	17.0	47.3	74.0	-26.7	Peak	Vertical
	11880.0	31.7	17.3	49.0	74.0	-25.0	Peak	Vertical
*	13911.5	29.4	18.7	48.1	68.2	-20.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	32.3	13.7	46.0	68.2	-22.2	Peak	Horizontal
	11489.0	30.6	17.7	48.3	74.0	-25.7	Peak	Horizontal
	12169.0	29.1	17.4	46.5	74.0	-27.5	Peak	Horizontal
*	13979.5	30.1	19.1	49.2	68.2	-19.0	Peak	Horizontal
*	9721.0	31.5	13.5	45.0	68.2	-23.2	Peak	Vertical
	11183.0	31.2	17.0	48.2	74.0	-25.8	Peak	Vertical
	12024.5	30.9	17.0	47.9	74.0	-26.1	Peak	Vertical
*	13733.0	30.0	18.9	48.9	68.2	-19.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	32.2	14.1	46.3	68.2	-21.9	Peak	Horizontal
	11174.5	30.7	17.0	47.7	74.0	-26.3	Peak	Horizontal
	11905.5	31.5	17.4	48.9	74.0	-25.1	Peak	Horizontal
*	13911.5	29.7	18.7	48.4	68.2	-19.8	Peak	Horizontal
*	10171.5	31.5	14.1	45.6	68.2	-22.6	Peak	Vertical
	11531.5	31.1	17.3	48.4	74.0	-25.6	Peak	Vertical
	12245.5	31.2	17.6	48.8	74.0	-25.2	Peak	Vertical
*	14234.5	31.0	20.0	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10401.0	30.6	15.1	45.7	68.2	-22.5	Peak	Horizontal
	11659.0	30.7	17.7	48.4	74.0	-25.6	Peak	Horizontal
	11948.0	29.9	16.9	46.8	74.0	-27.2	Peak	Horizontal
*	13605.5	29.4	18.7	48.1	68.2	-20.1	Peak	Horizontal
*	10078.0	31.5	13.7	45.2	68.2	-23.0	Peak	Vertical
	11480.5	30.7	17.6	48.3	74.0	-25.7	Peak	Vertical
	12058.5	29.6	17.0	46.6	74.0	-27.4	Peak	Vertical
*	13979.5	29.8	19.1	48.9	68.2	-19.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	31.1	14.1	45.2	68.2	-23.0	Peak	Horizontal
	11123.5	30.8	16.4	47.2	74.0	-26.8	Peak	Horizontal
	11871.5	31.3	17.3	48.6	74.0	-25.4	Peak	Horizontal
*	13631.0	32.4	19.1	51.5	68.2	-16.7	Peak	Horizontal
*	9814.5	31.4	13.7	45.1	68.2	-23.1	Peak	Vertical
*	10401.0	30.0	15.1	45.1	68.2	-23.1	Peak	Vertical
	11072.5	29.8	16.5	46.3	74.0	-27.7	Peak	Vertical
	11897.0	31.5	17.4	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.5	13.9	45.4	68.2	-22.8	Peak	Horizontal
	11021.5	29.8	16.4	46.2	74.0	-27.8	Peak	Horizontal
	11565.5	30.5	17.8	48.3	74.0	-25.7	Peak	Horizontal
*	13605.5	29.7	18.7	48.4	68.2	-19.8	Peak	Horizontal
*	10171.5	32.1	14.1	46.2	68.2	-22.0	Peak	Vertical
	11021.5	29.6	16.4	46.0	74.0	-28.0	Peak	Vertical
	11574.0	31.1	17.7	48.8	74.0	-25.2	Peak	Vertical
*	13733.0	31.4	18.9	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10265.0	31.4	14.6	46.0	68.2	-22.2	Peak	Horizontal
	11523.0	31.4	17.2	48.6	74.0	-25.4	Peak	Horizontal
	12211.5	30.2	17.4	47.6	74.0	-26.4	Peak	Horizontal
*	13911.5	29.6	18.7	48.3	68.2	-19.9	Peak	Horizontal
*	10214.0	30.5	14.3	44.8	68.2	-23.4	Peak	Vertical
	11378.5	29.4	17.3	46.7	74.0	-27.3	Peak	Vertical
	12330.5	30.1	17.0	47.1	74.0	-26.9	Peak	Vertical
*	13648.0	29.7	19.1	48.8	68.2	-19.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	31.0	13.7	44.7	68.2	-23.5	Peak	Horizontal
	11489.0	31.9	17.7	49.6	74.0	-24.4	Peak	Horizontal
	11735.5	30.1	17.7	47.8	74.0	-26.2	Peak	Horizontal
*	13911.5	29.6	18.7	48.3	68.2	-19.9	Peak	Horizontal
*	9721.0	30.9	13.5	44.4	68.2	-23.8	Peak	Vertical
	11021.5	29.9	16.4	46.3	74.0	-27.7	Peak	Vertical
	12135.0	31.4	17.3	48.7	74.0	-25.3	Peak	Vertical
*	13852.0	29.8	19.0	48.8	68.2	-19.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-02	Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	30.8	13.6	44.4	68.2	-23.8	Peak	Horizontal
*	10214.0	30.3	14.3	44.6	68.2	-23.6	Peak	Horizontal
	11225.5	29.1	16.9	46.0	74.0	-28.0	Peak	Horizontal
	11667.5	31.7	17.5	49.2	74.0	-24.8	Peak	Horizontal
*	9636.0	32.1	13.4	45.5	68.2	-22.7	Peak	Vertical
*	10171.5	30.9	14.1	45.0	68.2	-23.2	Peak	Vertical
	11004.5	32.5	16.5	49.0	74.0	-25.0	Peak	Vertical
	11642.0	31.5	17.9	49.4	74.0	-24.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10307.5	30.0	14.9	44.9	68.2	-23.3	Peak	Horizontal
	10970.5	30.8	16.2	47.0	74.0	-27.0	Peak	Horizontal
	11531.5	28.5	17.3	45.8	74.0	-28.2	Peak	Horizontal
*	13979.5	30.5	19.1	49.6	68.2	-18.6	Peak	Horizontal
*	10307.5	29.9	14.9	44.8	68.2	-23.4	Peak	Vertical
	11463.5	31.5	17.5	49.0	74.0	-25.0	Peak	Vertical
	12109.5	29.8	17.0	46.8	74.0	-27.2	Peak	Vertical
*	12891.5	29.3	17.4	46.7	68.2	-21.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	31.2	14.1	45.3	68.2	-22.9	Peak	Horizontal
	11327.5	28.6	17.4	46.0	74.0	-28.0	Peak	Horizontal
	11786.5	30.4	17.6	48.0	74.0	-26.0	Peak	Horizontal
*	13733.0	30.2	18.9	49.1	68.2	-19.1	Peak	Horizontal
*	9993.0	31.6	13.7	45.3	68.2	-22.9	Peak	Vertical
	10647.5	32.1	15.5	47.6	74.0	-26.4	Peak	Vertical
	12058.5	28.9	17.0	45.9	74.0	-28.1	Peak	Vertical
*	13665.0	29.2	18.6	47.8	68.2	-20.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.1	13.9	45.0	68.2	-23.2	Peak	Horizontal
	11174.5	30.0	17.0	47.0	74.0	-27.0	Peak	Horizontal
	11574.0	31.4	17.7	49.1	74.0	-24.9	Peak	Horizontal
*	14039.0	30.1	19.9	50.0	68.2	-18.2	Peak	Horizontal
*	10307.5	29.9	14.9	44.8	68.2	-23.4	Peak	Vertical
	11472.0	31.0	17.5	48.5	74.0	-25.5	Peak	Vertical
	12007.5	29.1	17.0	46.1	74.0	-27.9	Peak	Vertical
*	13979.5	30.5	19.1	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	33.9	13.6	47.5	68.2	-20.7	Peak	Horizontal
	11378.5	28.7	17.3	46.0	74.0	-28.0	Peak	Horizontal
	11548.5	31.8	17.7	49.5	74.0	-24.5	Peak	Horizontal
*	13979.5	29.6	19.1	48.7	68.2	-19.5	Peak	Horizontal
*	10120.5	30.7	14.1	44.8	68.2	-23.4	Peak	Vertical
	11123.5	30.4	16.4	46.8	74.0	-27.2	Peak	Vertical
	11565.5	31.0	17.8	48.8	74.0	-25.2	Peak	Vertical
*	13979.5	30.0	19.1	49.1	68.2	-19.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	30.4	14.1	44.5	68.2	-23.7	Peak	Horizontal
	11276.5	29.6	17.0	46.6	74.0	-27.4	Peak	Horizontal
	11863.0	30.1	17.2	47.3	74.0	-26.7	Peak	Horizontal
*	13733.0	30.1	18.9	49.0	68.2	-19.2	Peak	Horizontal
*	10078.0	31.3	13.7	45.0	68.2	-23.2	Peak	Vertical
	11463.5	32.3	17.5	49.8	74.0	-24.2	Peak	Vertical
	12194.5	30.2	17.8	48.0	74.0	-26.0	Peak	Vertical
*	13911.5	29.5	18.7	48.2	68.2	-20.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	32.0	13.6	45.6	68.2	-22.6	Peak	Horizontal
*	10588.0	30.8	15.5	46.3	68.2	-21.9	Peak	Horizontal
	11429.5	29.9	17.3	47.2	74.0	-26.8	Peak	Horizontal
	11642.0	30.7	17.9	48.6	74.0	-25.4	Peak	Horizontal
*	9857.0	31.7	13.5	45.2	68.2	-23.0	Peak	Vertical
	11497.5	31.5	17.6	49.1	74.0	-24.9	Peak	Vertical
	12194.5	31.5	17.8	49.3	74.0	-24.7	Peak	Vertical
*	13911.5	29.4	18.7	48.1	68.2	-20.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ac-VHT160–Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	30.8	13.7	44.5	68.2	-23.7	Peak	Horizontal
	11727.0	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
	12194.5	29.6	17.8	47.4	74.0	-26.6	Peak	Horizontal
*	13792.5	29.6	18.8	48.4	68.2	-19.8	Peak	Horizontal
*	10078.0	32.3	13.7	46.0	68.2	-22.2	Peak	Vertical
	10877.0	30.9	16.3	47.2	74.0	-26.8	Peak	Vertical
	11854.5	30.9	17.2	48.1	74.0	-25.9	Peak	Vertical
*	13792.5	30.1	18.8	48.9	68.2	-19.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	31.0	13.5	44.5	68.2	-23.7	Peak	Horizontal
	11557.0	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
	11948.0	29.7	16.9	46.6	74.0	-27.4	Peak	Horizontal
*	13979.5	29.9	19.1	49.0	68.2	-19.2	Peak	Horizontal
*	10214.0	31.4	14.3	45.7	68.2	-22.5	Peak	Vertical
	11582.5	31.4	17.5	48.9	74.0	-25.1	Peak	Vertical
	12441.0	29.9	16.6	46.5	74.0	-27.5	Peak	Vertical
*	13979.5	30.0	19.1	49.1	68.2	-19.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	31.4	14.1	45.5	68.2	-22.7	Peak	Horizontal
	11021.5	30.7	16.4	47.1	74.0	-26.9	Peak	Horizontal
	11795.0	31.4	17.7	49.1	74.0	-24.9	Peak	Horizontal
*	14166.5	31.0	19.8	50.8	68.2	-17.4	Peak	Horizontal
*	9993.0	31.3	13.7	45.0	68.2	-23.2	Peak	Vertical
	11650.5	31.1	17.8	48.9	74.0	-25.1	Peak	Vertical
	12279.5	30.9	17.4	48.3	74.0	-25.7	Peak	Vertical
*	14039.0	29.7	19.9	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	31.5	14.1	45.6	68.2	-22.6	Peak	Horizontal
	11174.5	29.0	17.0	46.0	74.0	-28.0	Peak	Horizontal
	11812.0	31.6	17.7	49.3	74.0	-24.7	Peak	Horizontal
*	14166.5	31.1	19.8	50.9	68.2	-17.3	Peak	Horizontal
*	10401.0	31.4	15.1	46.5	68.2	-21.7	Peak	Vertical
	11540.0	31.6	17.6	49.2	74.0	-24.8	Peak	Vertical
	12058.5	29.9	17.0	46.9	74.0	-27.1	Peak	Vertical
*	13979.5	31.5	19.1	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.7	13.9	45.6	68.2	-22.6	Peak	Horizontal
*	10307.5	30.9	14.9	45.8	68.2	-22.4	Peak	Horizontal
	11506.0	31.7	17.4	49.1	74.0	-24.9	Peak	Horizontal
	12220.0	29.3	17.5	46.8	74.0	-27.2	Peak	Horizontal
*	10401.0	29.2	15.1	44.3	68.2	-23.9	Peak	Vertical
	11557.0	31.2	17.9	49.1	74.0	-24.9	Peak	Vertical
	12007.5	29.5	17.0	46.5	74.0	-27.5	Peak	Vertical
*	13733.0	29.0	18.9	47.9	68.2	-20.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10350.0	31.1	15.2	46.3	68.2	-21.9	Peak	Horizontal
	11285.0	31.5	16.9	48.4	74.0	-25.6	Peak	Horizontal
	12169.0	28.8	17.4	46.2	74.0	-27.8	Peak	Horizontal
*	13979.5	30.1	19.1	49.2	68.2	-19.0	Peak	Horizontal
*	10443.5	30.4	15.5	45.9	68.2	-22.3	Peak	Vertical
	11531.5	29.9	17.3	47.2	74.0	-26.8	Peak	Vertical
	12305.0	31.4	17.6	49.0	74.0	-25.0	Peak	Vertical
*	14132.5	31.8	20.0	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10307.5	30.3	14.9	45.2	68.2	-23.0	Peak	Horizontal
	10851.5	32.1	16.5	48.6	74.0	-25.4	Peak	Horizontal
	11506.0	31.8	17.4	49.2	74.0	-24.8	Peak	Horizontal
*	13979.5	30.4	19.1	49.5	68.2	-18.7	Peak	Horizontal
*	10078.0	30.7	13.7	44.4	68.2	-23.8	Peak	Vertical
	11540.0	32.0	17.6	49.6	74.0	-24.4	Peak	Vertical
	12271.0	30.0	17.3	47.3	74.0	-26.7	Peak	Vertical
*	14166.5	30.3	19.8	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	31.3	13.7	45.0	68.2	-23.2	Peak	Horizontal
	11174.5	29.0	17.0	46.0	74.0	-28.0	Peak	Horizontal
	12007.5	32.0	17.0	49.0	74.0	-25.0	Peak	Horizontal
*	14107.0	29.6	19.9	49.5	68.2	-18.7	Peak	Horizontal
*	10171.5	32.3	14.1	46.4	68.2	-21.8	Peak	Vertical
	11174.5	30.6	17.0	47.6	74.0	-26.4	Peak	Vertical
	11829.0	31.3	17.4	48.7	74.0	-25.3	Peak	Vertical
*	13852.0	30.6	19.0	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.3	13.9	45.2	68.2	-23.0	Peak	Horizontal
	11540.0	31.1	17.6	48.7	74.0	-25.3	Peak	Horizontal
	12109.5	29.2	17.0	46.2	74.0	-27.8	Peak	Horizontal
*	13979.5	30.5	19.1	49.6	68.2	-18.6	Peak	Horizontal
*	10171.5	31.8	14.1	45.9	68.2	-22.3	Peak	Vertical
	11251.0	31.5	17.2	48.7	74.0	-25.3	Peak	Vertical
	11557.0	31.7	17.9	49.6	74.0	-24.4	Peak	Vertical
*	13665.0	31.7	18.6	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	30.9	14.1	45.0	68.2	-23.2	Peak	Horizontal
	11574.0	31.2	17.7	48.9	74.0	-25.1	Peak	Horizontal
	11803.5	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
*	13852.0	29.3	19.0	48.3	68.2	-19.9	Peak	Horizontal
*	10350.0	30.7	15.2	45.9	68.2	-22.3	Peak	Vertical
	11472.0	31.0	17.5	48.5	74.0	-25.5	Peak	Vertical
	12288.0	31.6	17.6	49.2	74.0	-24.8	Peak	Vertical
*	14515.0	33.1	19.6	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	31.4	13.6	45.0	68.2	-23.2	Peak	Horizontal
	11021.5	29.4	16.4	45.8	74.0	-28.2	Peak	Horizontal
	11557.0	31.5	17.9	49.4	74.0	-24.6	Peak	Horizontal
*	13911.5	31.0	18.7	49.7	68.2	-18.5	Peak	Horizontal
*	10035.5	31.3	13.9	45.2	68.2	-23.0	Peak	Vertical
	11642.0	30.7	17.9	48.6	74.0	-25.4	Peak	Vertical
	12245.5	31.3	17.6	48.9	74.0	-25.1	Peak	Vertical
*	13733.0	30.3	18.9	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10214.0	30.8	14.3	45.1	68.2	-23.1	Peak	Horizontal
	11557.0	30.8	17.9	48.7	74.0	-25.3	Peak	Horizontal
	12245.5	31.3	17.6	48.9	74.0	-25.1	Peak	Horizontal
*	14107.0	30.4	19.9	50.3	68.2	-17.9	Peak	Horizontal
*	10214.0	29.9	14.3	44.2	68.2	-24.0	Peak	Vertical
	11489.0	30.8	17.7	48.5	74.0	-25.5	Peak	Vertical
	12169.0	28.9	17.4	46.3	74.0	-27.7	Peak	Vertical
*	12738.5	30.6	17.0	47.6	68.2	-20.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.7	13.9	45.6	68.2	-22.6	Peak	Horizontal
	11727.0	31.0	17.9	48.9	74.0	-25.1	Peak	Horizontal
	12169.0	28.9	17.4	46.3	74.0	-27.7	Peak	Horizontal
*	13979.5	29.0	19.1	48.1	68.2	-20.1	Peak	Horizontal
*	9942.0	30.8	13.8	44.6	68.2	-23.6	Peak	Vertical
	11557.0	31.3	17.9	49.2	74.0	-24.8	Peak	Vertical
	12109.5	29.1	17.0	46.1	74.0	-27.9	Peak	Vertical
*	14166.5	30.5	19.8	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	30.7	13.9	44.6	68.2	-23.6	Peak	Horizontal
	11489.0	30.7	17.7	48.4	74.0	-25.6	Peak	Horizontal
	11812.0	31.1	17.7	48.8	74.0	-25.2	Peak	Horizontal
*	13546.0	29.3	19.1	48.4	68.2	-19.8	Peak	Horizontal
*	10214.0	30.4	14.3	44.7	68.2	-23.5	Peak	Vertical
	11429.5	29.3	17.3	46.6	74.0	-27.4	Peak	Vertical
	12203.0	30.6	17.7	48.3	74.0	-25.7	Peak	Vertical
*	14039.0	29.8	19.9	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10214.0	30.8	14.3	45.1	68.2	-23.1	Peak	Horizontal
	10851.5	32.0	16.5	48.5	74.0	-25.5	Peak	Horizontal
	11531.5	31.3	17.3	48.6	74.0	-25.4	Peak	Horizontal
*	13597.0	30.7	18.7	49.4	68.2	-18.8	Peak	Horizontal
*	10171.5	31.5	14.1	45.6	68.2	-22.6	Peak	Vertical
	11098.0	31.2	16.8	48.0	74.0	-26.0	Peak	Vertical
	11489.0	30.8	17.7	48.5	74.0	-25.5	Peak	Vertical
*	13733.0	31.8	18.9	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	30.5	14.1	44.6	68.2	-23.6	Peak	Horizontal
	11582.5	29.0	17.5	46.5	74.0	-27.5	Peak	Horizontal
	12305.0	31.7	17.6	49.3	74.0	-24.7	Peak	Horizontal
*	13733.0	28.9	18.9	47.8	68.2	-20.4	Peak	Horizontal
*	10537.0	30.8	15.2	46.0	68.2	-22.2	Peak	Vertical
	11123.5	30.7	16.4	47.1	74.0	-26.9	Peak	Vertical
	11718.5	31.6	17.8	49.4	74.0	-24.6	Peak	Vertical
*	13911.5	30.7	18.7	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10214.0	30.0	14.3	44.3	68.2	-23.9	Peak	Horizontal
	10928.0	29.2	16.7	45.9	74.0	-28.1	Peak	Horizontal
	11531.5	31.4	17.3	48.7	74.0	-25.3	Peak	Horizontal
*	13605.5	30.1	18.7	48.8	68.2	-19.4	Peak	Horizontal
*	10035.5	30.7	13.9	44.6	68.2	-23.6	Peak	Vertical
	11446.5	31.4	17.3	48.7	74.0	-25.3	Peak	Vertical
	11735.5	30.2	17.7	47.9	74.0	-26.1	Peak	Vertical
*	13733.0	29.7	18.9	48.6	68.2	-19.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	30.9	13.8	44.7	68.2	-23.5	Peak	Horizontal
	11174.5	31.1	17.0	48.1	74.0	-25.9	Peak	Horizontal
	11812.0	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
*	14107.0	30.4	19.9	50.3	68.2	-17.9	Peak	Horizontal
*	10078.0	29.9	13.7	43.6	68.2	-24.6	Peak	Vertical
	10860.0	31.8	16.4	48.2	74.0	-25.8	Peak	Vertical
	11276.5	28.4	17.0	45.4	74.0	-28.6	Peak	Vertical
*	13665.0	29.6	18.6	48.2	68.2	-20.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	33.0	13.9	46.9	68.2	-21.3	Peak	Horizontal
	11472.0	30.9	17.5	48.4	74.0	-25.6	Peak	Horizontal
	11846.0	29.2	17.1	46.3	74.0	-27.7	Peak	Horizontal
*	13911.5	29.0	18.7	47.7	68.2	-20.5	Peak	Horizontal
*	10350.0	32.5	15.2	47.7	68.2	-20.5	Peak	Vertical
	10673.0	32.1	16.3	48.4	74.0	-25.6	Peak	Vertical
	11931.0	31.3	17.0	48.3	74.0	-25.7	Peak	Vertical
*	13792.5	29.5	18.8	48.3	68.2	-19.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	31.7	13.7	45.4	68.2	-22.8	Peak	Horizontal
	11123.5	31.0	16.4	47.4	74.0	-26.6	Peak	Horizontal
	11531.5	31.5	17.3	48.8	74.0	-25.2	Peak	Horizontal
*	14166.5	30.5	19.8	50.3	68.2	-17.9	Peak	Horizontal
*	9729.5	33.7	13.5	47.2	68.2	-21.0	Peak	Vertical
*	10214.0	30.2	14.3	44.5	68.2	-23.7	Peak	Vertical
	11557.0	31.7	17.9	49.6	74.0	-24.4	Peak	Vertical
	12169.0	28.8	17.4	46.2	74.0	-27.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	30.3	14.1	44.4	68.2	-23.8	Peak	Horizontal
	11489.0	30.2	17.7	47.9	74.0	-26.1	Peak	Horizontal
	12220.0	30.4	17.5	47.9	74.0	-26.1	Peak	Horizontal
*	13979.5	30.4	19.1	49.5	68.2	-18.7	Peak	Horizontal
*	10307.5	31.0	14.9	45.9	68.2	-22.3	Peak	Vertical
	11540.0	30.9	17.6	48.5	74.0	-25.5	Peak	Vertical
	12305.0	31.1	17.6	48.7	74.0	-25.3	Peak	Vertical
*	14234.5	29.6	20.0	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	32.0	13.8	45.8	68.2	-22.4	Peak	Horizontal
	11361.5	30.8	17.2	48.0	74.0	-26.0	Peak	Horizontal
	12007.5	29.5	17.0	46.5	74.0	-27.5	Peak	Horizontal
*	14455.5	33.0	20.3	53.3	68.2	-14.9	Peak	Horizontal
*	9721.0	34.0	13.5	47.5	68.2	-20.7	Peak	Vertical
	11727.0	30.6	17.9	48.5	74.0	-25.5	Peak	Vertical
	12067.0	30.3	17.0	47.3	74.0	-26.7	Peak	Vertical
*	14234.5	30.9	20.0	50.9	68.2	-17.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	30.3	14.1	44.4	68.2	-23.8	Peak	Horizontal
	11557.0	30.7	17.9	48.6	74.0	-25.4	Peak	Horizontal
	12500.5	29.5	16.5	46.0	74.0	-28.0	Peak	Horizontal
*	13911.5	29.4	18.7	48.1	68.2	-20.1	Peak	Horizontal
*	9942.0	30.3	13.8	44.1	68.2	-24.1	Peak	Vertical
	11480.5	30.1	17.6	47.7	74.0	-26.3	Peak	Vertical
	12305.0	30.4	17.6	48.0	74.0	-26.0	Peak	Vertical
*	13911.5	31.0	18.7	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	31.3	13.5	44.8	68.2	-23.4	Peak	Horizontal
	11642.0	31.1	17.9	49.0	74.0	-25.0	Peak	Horizontal
	12237.0	31.0	17.5	48.5	74.0	-25.5	Peak	Horizontal
*	14294.0	29.8	19.8	49.6	68.2	-18.6	Peak	Horizontal
*	10265.0	31.0	14.6	45.6	68.2	-22.6	Peak	Vertical
	11021.5	30.1	16.4	46.5	74.0	-27.5	Peak	Vertical
	11548.5	30.6	17.7	48.3	74.0	-25.7	Peak	Vertical
*	14107.0	29.6	19.9	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	31.6	13.7	45.3	68.2	-22.9	Peak	Horizontal
	11548.5	31.9	17.7	49.6	74.0	-24.4	Peak	Horizontal
	11888.5	31.2	17.3	48.5	74.0	-25.5	Peak	Horizontal
*	13792.5	30.2	18.8	49.0	68.2	-19.2	Peak	Horizontal
*	9899.5	31.6	13.6	45.2	68.2	-23.0	Peak	Vertical
	11463.5	31.3	17.5	48.8	74.0	-25.2	Peak	Vertical
	12279.5	30.3	17.4	47.7	74.0	-26.3	Peak	Vertical
*	13911.5	29.7	18.7	48.4	68.2	-19.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.2	13.9	45.1	68.2	-23.1	Peak	Horizontal
	11540.0	32.1	17.6	49.7	74.0	-24.3	Peak	Horizontal
	11786.5	28.7	17.6	46.3	74.0	-27.7	Peak	Horizontal
*	14438.5	32.0	20.2	52.2	68.2	-16.0	Peak	Horizontal
*	10120.5	30.7	14.1	44.8	68.2	-23.4	Peak	Vertical
	11582.5	31.2	17.5	48.7	74.0	-25.3	Peak	Vertical
	11786.5	28.9	17.6	46.5	74.0	-27.5	Peak	Vertical
*	14234.5	30.7	20.0	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10214.0	31.3	14.3	45.6	68.2	-22.6	Peak	Horizontal
	11684.5	30.9	17.3	48.2	74.0	-25.8	Peak	Horizontal
	12611.0	31.3	16.7	48.0	74.0	-26.0	Peak	Horizontal
*	13852.0	30.7	19.0	49.7	68.2	-18.5	Peak	Horizontal
*	9857.0	31.1	13.5	44.6	68.2	-23.6	Peak	Vertical
	11659.0	30.4	17.7	48.1	74.0	-25.9	Peak	Vertical
	12237.0	31.2	17.5	48.7	74.0	-25.3	Peak	Vertical
*	14166.5	30.0	19.8	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	30.9	13.8	44.7	68.2	-23.5	Peak	Horizontal
	11455.0	31.1	17.4	48.5	74.0	-25.5	Peak	Horizontal
	12220.0	28.7	17.5	46.2	74.0	-27.8	Peak	Horizontal
*	12704.5	31.3	17.1	48.4	68.2	-19.8	Peak	Horizontal
*	10171.5	31.2	14.1	45.3	68.2	-22.9	Peak	Vertical
	11081.0	31.6	16.7	48.3	74.0	-25.7	Peak	Vertical
	11497.5	31.3	17.6	48.9	74.0	-25.1	Peak	Vertical
*	13070.0	29.0	18.3	47.3	68.2	-20.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	31.2	13.6	44.8	68.2	-23.4	Peak	Horizontal
	11565.5	30.9	17.8	48.7	74.0	-25.3	Peak	Horizontal
	12305.0	30.4	17.6	48.0	74.0	-26.0	Peak	Horizontal
*	13911.5	29.6	18.7	48.3	68.2	-19.9	Peak	Horizontal
*	9942.0	32.2	13.8	46.0	68.2	-22.2	Peak	Vertical
	11021.5	30.8	16.4	47.2	74.0	-26.8	Peak	Vertical
	11633.5	30.9	17.7	48.6	74.0	-25.4	Peak	Vertical
*	14107.0	30.2	19.9	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	30.9	13.7	44.6	68.2	-23.6	Peak	Horizontal
	11021.5	30.1	16.4	46.5	74.0	-27.5	Peak	Horizontal
	11574.0	31.4	17.7	49.1	74.0	-24.9	Peak	Horizontal
*	13605.5	29.4	18.7	48.1	68.2	-20.1	Peak	Horizontal
*	9772.0	33.7	13.5	47.2	68.2	-21.0	Peak	Vertical
	11021.5	32.6	16.4	49.0	74.0	-25.0	Peak	Vertical
	11880.0	31.1	17.3	48.4	74.0	-25.6	Peak	Vertical
*	13869.0	31.1	19.1	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 dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10494.5	30.0	15.4	45.4	68.2	-22.8	Peak	Horizontal
	10928.0	30.0	16.7	46.7	74.0	-27.3	Peak	Horizontal
	11795.0	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
*	14039.0	29.7	19.9	49.6	68.2	-18.6	Peak	Horizontal
*	10001.5	32.4	13.8	46.2	68.2	-22.0	Peak	Vertical
	11574.0	31.6	17.7	49.3	74.0	-24.7	Peak	Vertical
	12007.5	29.9	17.0	46.9	74.0	-27.1	Peak	Vertical
*	14268.5	32.5	19.8	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	Test Mode	802.11ax-HE160 – Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	31.2	13.7	44.9	68.2	-23.3	Peak	Horizontal
	11072.5	30.0	16.5	46.5	74.0	-27.5	Peak	Horizontal
	11557.0	31.4	17.9	49.3	74.0	-24.7	Peak	Horizontal
*	13979.5	29.8	19.1	48.9	68.2	-19.3	Peak	Horizontal
*	10350.0	31.3	15.2	46.5	68.2	-21.7	Peak	Vertical
	11540.0	31.2	17.6	48.8	74.0	-25.2	Peak	Vertical
	12186.0	30.0	17.7	47.7	74.0	-26.3	Peak	Vertical
*	14838.0	32.8	19.8	52.6	68.2	-15.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

L23UGSR-5HaxD2HaxD-NM-US + Sector Antenna:

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9942.0	33.0	13.8	46.8	68.2	-21.4	Peak	Horizontal
*	10307.5	31.0	14.9	45.9	68.2	-22.3	Peak	Horizontal
	11489.0	31.7	17.7	49.4	74.0	-24.6	Peak	Horizontal
	11897.0	30.5	17.4	47.9	74.0	-26.1	Peak	Horizontal
*	9908.0	32.4	13.6	46.0	68.2	-22.2	Peak	Vertical
*	10171.5	30.3	14.1	44.4	68.2	-23.8	Peak	Vertical
	11506.0	31.8	17.4	49.2	74.0	-24.8	Peak	Vertical
	11735.5	28.9	17.7	46.6	74.0	-27.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9746.5	33.6	13.4	47.0	68.2	-21.2	Peak	Horizontal
*	9942.0	31.4	13.8	45.2	68.2	-23.0	Peak	Horizontal
	11574.0	31.4	17.7	49.1	74.0	-24.9	Peak	Horizontal
	12007.5	30.4	17.0	47.4	74.0	-26.6	Peak	Horizontal
*	9814.5	30.6	13.7	44.3	68.2	-23.9	Peak	Vertical
*	10307.5	30.1	14.9	45.0	68.2	-23.2	Peak	Vertical
	11548.5	31.7	17.7	49.4	74.0	-24.6	Peak	Vertical
	12092.5	31.2	16.9	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	32.4	13.9	46.3	68.2	-21.9	Peak	Horizontal
*	10214.0	29.5	14.3	43.8	68.2	-24.4	Peak	Horizontal
	11191.5	31.8	16.9	48.7	74.0	-25.3	Peak	Horizontal
	11429.5	29.6	17.3	46.9	74.0	-27.1	Peak	Horizontal
*	9789.0	32.3	13.6	45.9	68.2	-22.3	Peak	Vertical
*	10392.5	31.6	15.1	46.7	68.2	-21.5	Peak	Vertical
	11642.0	31.0	17.9	48.9	74.0	-25.1	Peak	Vertical
	12058.5	31.0	17.0	48.0	74.0	-26.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
*	10265.0	30.9	14.6	45.5	68.2	-22.7	Peak	Horizontal
	11123.5	29.8	16.4	46.2	74.0	-27.8	Peak	Horizontal
	11659.0	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
*	9772.0	30.5	13.5	44.0	68.2	-24.2	Peak	Vertical
*	10078.0	32.9	13.7	46.6	68.2	-21.6	Peak	Vertical
	10877.0	31.2	16.3	47.5	74.0	-26.5	Peak	Vertical
	11429.5	29.8	17.3	47.1	74.0	-26.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
*	10265.0	30.9	14.6	45.5	68.2	-22.7	Peak	Horizontal
	11123.5	29.8	16.4	46.2	74.0	-27.8	Peak	Horizontal
	11659.0	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
*	9857.0	31.5	13.5	45.0	68.2	-23.2	Peak	Vertical
*	10214.0	30.7	14.3	45.0	68.2	-23.2	Peak	Vertical
	11378.5	28.6	17.3	45.9	74.0	-28.1	Peak	Vertical
	11565.5	31.5	17.8	49.3	74.0	-24.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	31.4	13.7	45.1	68.2	-23.1	Peak	Horizontal
*	10350.0	30.6	15.2	45.8	68.2	-22.4	Peak	Horizontal
	11565.5	31.5	17.8	49.3	74.0	-24.7	Peak	Horizontal
	12109.5	28.9	17.0	45.9	74.0	-28.1	Peak	Horizontal
*	9636.0	31.6	13.4	45.0	68.2	-23.2	Peak	Vertical
*	10307.5	30.4	14.9	45.3	68.2	-22.9	Peak	Vertical
	11021.5	29.3	16.4	45.7	74.0	-28.3	Peak	Vertical
	11650.5	31.4	17.8	49.2	74.0	-24.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	31.6	13.5	45.1	68.2	-23.1	Peak	Horizontal
*	10401.0	31.4	15.1	46.5	68.2	-21.7	Peak	Horizontal
	11472.0	32.0	17.5	49.5	74.0	-24.5	Peak	Horizontal
	11735.5	29.9	17.7	47.6	74.0	-26.4	Peak	Horizontal
*	9678.5	31.8	13.5	45.3	68.2	-22.9	Peak	Vertical
*	10350.0	30.5	15.2	45.7	68.2	-22.5	Peak	Vertical
	10970.5	29.8	16.2	46.0	74.0	-28.0	Peak	Vertical
	11846.0	29.4	17.1	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	31.5	13.7	45.2	68.2	-23.0	Peak	Horizontal
*	10443.5	30.3	15.5	45.8	68.2	-22.4	Peak	Horizontal
	11327.5	31.9	17.4	49.3	74.0	-24.7	Peak	Horizontal
	11786.5	29.5	17.6	47.1	74.0	-26.9	Peak	Horizontal
*	9772.0	31.3	13.5	44.8	68.2	-23.4	Peak	Vertical
*	10078.0	31.0	13.7	44.7	68.2	-23.5	Peak	Vertical
	10945.0	32.8	16.4	49.2	74.0	-24.8	Peak	Vertical
	11557.0	30.7	17.9	48.6	74.0	-25.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	32.9	13.7	46.6	68.2	-21.6	Peak	Horizontal
*	10120.5	30.8	14.1	44.9	68.2	-23.3	Peak	Horizontal
	11089.5	31.4	16.8	48.2	74.0	-25.8	Peak	Horizontal
	11480.5	30.9	17.6	48.5	74.0	-25.5	Peak	Horizontal
*	9993.0	31.5	13.7	45.2	68.2	-23.0	Peak	Vertical
*	10307.5	30.1	14.9	45.0	68.2	-23.2	Peak	Vertical
	11982.0	31.9	17.3	49.2	74.0	-24.8	Peak	Vertical
	15407.5	32.5	18.4	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	32.5	13.6	46.1	68.2	-22.1	Peak	Horizontal
*	10171.5	31.6	14.1	45.7	68.2	-22.5	Peak	Horizontal
	11072.5	30.3	16.5	46.8	74.0	-27.2	Peak	Horizontal
	12296.5	31.7	17.6	49.3	74.0	-24.7	Peak	Horizontal
*	9814.5	30.6	13.7	44.3	68.2	-23.9	Peak	Vertical
*	10120.5	29.9	14.1	44.0	68.2	-24.2	Peak	Vertical
	10783.5	29.3	16.1	45.4	74.0	-28.6	Peak	Vertical
	11667.5	31.1	17.5	48.6	74.0	-25.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	32.6	13.5	46.1	68.2	-22.1	Peak	Horizontal
*	10350.0	31.3	15.2	46.5	68.2	-21.7	Peak	Horizontal
	11557.0	31.0	17.9	48.9	74.0	-25.1	Peak	Horizontal
	12271.0	31.7	17.3	49.0	74.0	-25.0	Peak	Horizontal
*	9814.5	31.6	13.7	45.3	68.2	-22.9	Peak	Vertical
*	10035.5	30.4	13.9	44.3	68.2	-23.9	Peak	Vertical
	10732.5	30.6	15.9	46.5	74.0	-27.5	Peak	Vertical
	11574.0	31.9	17.7	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	30.9	13.6	44.5	68.2	-23.7	Peak	Horizontal
*	10120.5	31.5	14.1	45.6	68.2	-22.6	Peak	Horizontal
	11378.5	28.8	17.3	46.1	74.0	-27.9	Peak	Horizontal
	11948.0	29.3	16.9	46.2	74.0	-27.8	Peak	Horizontal
*	9661.5	34.5	13.5	48.0	68.2	-20.2	Peak	Vertical
*	9993.0	30.2	13.7	43.9	68.2	-24.3	Peak	Vertical
	11047.0	32.1	16.2	48.3	74.0	-25.7	Peak	Vertical
	12007.5	29.6	17.0	46.6	74.0	-27.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	30.2	13.7	43.9	68.2	-24.3	Peak	Horizontal
*	10350.0	30.9	15.2	46.1	68.2	-22.1	Peak	Horizontal
	11327.5	28.8	17.4	46.2	74.0	-27.8	Peak	Horizontal
	11548.5	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
*	10035.5	31.5	13.9	45.4	68.2	-22.8	Peak	Vertical
	11166.0	31.7	17.0	48.7	74.0	-25.3	Peak	Vertical
	11582.5	31.0	17.5	48.5	74.0	-25.5	Peak	Vertical
*	14863.5	33.4	19.5	52.9	68.2	-15.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9678.5	31.7	13.5	45.2	68.2	-23.0	Peak	Horizontal
*	10214.0	30.4	14.3	44.7	68.2	-23.5	Peak	Horizontal
	11557.0	30.9	17.9	48.8	74.0	-25.2	Peak	Horizontal
	11948.0	29.4	16.9	46.3	74.0	-27.7	Peak	Horizontal
*	9814.5	30.1	13.7	43.8	68.2	-24.4	Peak	Vertical
*	10307.5	29.5	14.9	44.4	68.2	-23.8	Peak	Vertical
	11021.5	28.7	16.4	45.1	74.0	-28.9	Peak	Vertical
	11540.0	30.7	17.6	48.3	74.0	-25.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	31.7	13.7	45.4	68.2	-22.8	Peak	Horizontal
*	10537.0	31.2	15.2	46.4	68.2	-21.8	Peak	Horizontal
	11616.5	31.5	17.4	48.9	74.0	-25.1	Peak	Horizontal
	12177.5	30.6	17.7	48.3	74.0	-25.7	Peak	Horizontal
*	9814.5	32.2	13.7	45.9	68.2	-22.3	Peak	Vertical
*	10265.0	30.8	14.6	45.4	68.2	-22.8	Peak	Vertical
	11599.5	31.3	17.2	48.5	74.0	-25.5	Peak	Vertical
	12050.0	31.5	16.9	48.4	74.0	-25.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	33.0	13.8	46.8	68.2	-21.4	Peak	Horizontal
*	10265.0	31.0	14.6	45.6	68.2	-22.6	Peak	Horizontal
	11463.5	31.6	17.5	49.1	74.0	-24.9	Peak	Horizontal
	12118.0	31.8	17.1	48.9	74.0	-25.1	Peak	Horizontal
*	9882.5	31.7	13.6	45.3	68.2	-22.9	Peak	Vertical
*	10443.5	32.2	15.5	47.7	68.2	-20.5	Peak	Vertical
	11021.5	28.9	16.4	45.3	74.0	-28.7	Peak	Vertical
	11540.0	31.0	17.6	48.6	74.0	-25.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	31.9	13.7	45.6	68.2	-22.6	Peak	Horizontal
*	10214.0	30.7	14.3	45.0	68.2	-23.2	Peak	Horizontal
	11225.5	29.7	16.9	46.6	74.0	-27.4	Peak	Horizontal
	11480.5	30.7	17.6	48.3	74.0	-25.7	Peak	Horizontal
*	9772.0	30.9	13.5	44.4	68.2	-23.8	Peak	Vertical
*	10078.0	31.0	13.7	44.7	68.2	-23.5	Peak	Vertical
	11225.5	29.5	16.9	46.4	74.0	-27.6	Peak	Vertical
	11489.0	31.2	17.7	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10018.5	34.2	13.8	48.0	68.2	-20.2	Peak	Horizontal
*	10214.0	31.1	14.3	45.4	68.2	-22.8	Peak	Horizontal
	11497.5	31.4	17.6	49.0	74.0	-25.0	Peak	Horizontal
	11846.0	30.0	17.1	47.1	74.0	-26.9	Peak	Horizontal
*	10256.5	33.6	14.5	48.1	68.2	-20.1	Peak	Vertical
*	10307.5	30.9	14.9	45.8	68.2	-22.4	Peak	Vertical
	10970.5	29.3	16.2	45.5	74.0	-28.5	Peak	Vertical
	11463.5	31.3	17.5	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	32.0	13.7	45.7	68.2	-22.5	Peak	Horizontal
*	10307.5	31.6	14.9	46.5	68.2	-21.7	Peak	Horizontal
	10783.5	32.6	16.1	48.7	74.0	-25.3	Peak	Horizontal
	11276.5	30.3	17.0	47.3	74.0	-26.7	Peak	Horizontal
*	9772.0	32.8	13.5	46.3	68.2	-21.9	Peak	Vertical
*	10265.0	33.0	14.6	47.6	68.2	-20.6	Peak	Vertical
	10928.0	31.5	16.7	48.2	74.0	-25.8	Peak	Vertical
	11633.5	30.4	17.7	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	31.0	13.5	44.5	68.2	-23.7	Peak	Horizontal
*	10171.5	33.0	14.1	47.1	68.2	-21.1	Peak	Horizontal
	10851.5	32.9	16.5	49.4	74.0	-24.6	Peak	Horizontal
	11327.5	28.8	17.4	46.2	74.0	-27.8	Peak	Horizontal
*	9899.5	32.4	13.6	46.0	68.2	-22.2	Peak	Vertical
*	10265.0	31.0	14.6	45.6	68.2	-22.6	Peak	Vertical
	11225.5	29.6	16.9	46.5	74.0	-27.5	Peak	Vertical
	11769.5	30.7	17.4	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	31.5	13.7	45.2	68.2	-23.0	Peak	Horizontal
*	11480.5	31.3	17.6	48.9	74.0	-25.1	Peak	Horizontal
	11846.0	30.2	17.1	47.3	74.0	-26.7	Peak	Horizontal
	13877.5	32.4	19.3	51.7	68.2	-16.5	Peak	Horizontal
*	9814.5	33.1	13.7	46.8	68.2	-21.4	Peak	Vertical
*	10214.0	32.7	14.3	47.0	68.2	-21.2	Peak	Vertical
	11072.5	31.8	16.5	48.3	74.0	-25.7	Peak	Vertical
	11489.0	32.3	17.7	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	31.1	13.7	44.8	68.2	-23.4	Peak	Horizontal
*	10171.5	30.4	14.1	44.5	68.2	-23.7	Peak	Horizontal
	10681.5	31.5	16.3	47.8	74.0	-26.2	Peak	Horizontal
	11225.5	29.2	16.9	46.1	74.0	-27.9	Peak	Horizontal
*	9678.5	32.1	13.5	45.6	68.2	-22.6	Peak	Vertical
*	9993.0	30.9	13.7	44.6	68.2	-23.6	Peak	Vertical
	10928.0	30.0	16.7	46.7	74.0	-27.3	Peak	Vertical
	11472.0	30.4	17.5	47.9	74.0	-26.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	31.5	13.5	45.0	68.2	-23.2	Peak	Horizontal
*	10171.5	31.3	14.1	45.4	68.2	-22.8	Peak	Horizontal
	11157.5	31.8	16.7	48.5	74.0	-25.5	Peak	Horizontal
	11582.5	30.0	17.5	47.5	74.0	-26.5	Peak	Horizontal
*	9721.0	30.3	13.5	43.8	68.2	-24.4	Peak	Vertical
*	10035.5	30.0	13.9	43.9	68.2	-24.3	Peak	Vertical
	10766.5	32.4	15.9	48.3	74.0	-25.7	Peak	Vertical
	11846.0	28.7	17.1	45.8	74.0	-28.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	33.0	13.7	46.7	68.2	-21.5	Peak	Horizontal
*	10171.5	32.2	14.1	46.3	68.2	-21.9	Peak	Horizontal
	10783.5	30.6	16.1	46.7	74.0	-27.3	Peak	Horizontal
	11472.0	31.1	17.5	48.6	74.0	-25.4	Peak	Horizontal
*	9814.5	31.5	13.7	45.2	68.2	-23.0	Peak	Vertical
*	10265.0	32.2	14.6	46.8	68.2	-21.4	Peak	Vertical
	11548.5	31.2	17.7	48.9	74.0	-25.1	Peak	Vertical
	12058.5	29.5	17.0	46.5	74.0	-27.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9721.0	31.5	13.5	45.0	68.2	-23.2	Peak	Horizontal
*	9993.0	33.2	13.7	46.9	68.2	-21.3	Peak	Horizontal
	11378.5	30.5	17.3	47.8	74.0	-26.2	Peak	Horizontal
	11472.0	31.7	17.5	49.2	74.0	-24.8	Peak	Horizontal
*	10120.5	31.4	14.1	45.5	68.2	-22.7	Peak	Vertical
	10783.5	31.0	16.1	47.1	74.0	-26.9	Peak	Vertical
	11548.5	30.6	17.7	48.3	74.0	-25.7	Peak	Vertical
*	14039.0	29.7	19.9	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	31.0	13.7	44.7	68.2	-23.5	Peak	Horizontal
*	10401.0	30.7	15.1	45.8	68.2	-22.4	Peak	Horizontal
	11225.5	29.4	16.9	46.3	74.0	-27.7	Peak	Horizontal
	12296.5	32.3	17.6	49.9	74.0	-24.1	Peak	Horizontal
*	9942.0	31.0	13.8	44.8	68.2	-23.4	Peak	Vertical
*	10350.0	30.3	15.2	45.5	68.2	-22.7	Peak	Vertical
	11225.5	31.3	16.9	48.2	74.0	-25.8	Peak	Vertical
	11948.0	30.1	16.9	47.0	74.0	-27.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	31.8	13.8	45.6	68.2	-22.6	Peak	Horizontal
*	10171.5	30.3	14.1	44.4	68.2	-23.8	Peak	Horizontal
	11174.5	29.3	17.0	46.3	74.0	-27.7	Peak	Horizontal
	11795.0	30.6	17.7	48.3	74.0	-25.7	Peak	Horizontal
*	9967.5	33.2	13.9	47.1	68.2	-21.1	Peak	Vertical
*	10120.5	30.7	14.1	44.8	68.2	-23.4	Peak	Vertical
	11276.5	30.5	17.0	47.5	74.0	-26.5	Peak	Vertical
	11795.0	31.0	17.7	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	32.5	13.7	46.2	68.2	-22.0	Peak	Horizontal
*	10443.5	30.4	15.5	45.9	68.2	-22.3	Peak	Horizontal
	11174.5	30.0	17.0	47.0	74.0	-27.0	Peak	Horizontal
	11795.0	31.1	17.7	48.8	74.0	-25.2	Peak	Horizontal
*	9857.0	30.6	13.5	44.1	68.2	-24.1	Peak	Vertical
*	10265.0	30.5	14.6	45.1	68.2	-23.1	Peak	Vertical
	11557.0	31.2	17.9	49.1	74.0	-24.9	Peak	Vertical
	12169.0	29.7	17.4	47.1	74.0	-26.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	31.7	13.7	45.4	68.2	-22.8	Peak	Horizontal
*	10171.5	31.3	14.1	45.4	68.2	-22.8	Peak	Horizontal
	10758.0	33.4	16.0	49.4	74.0	-24.6	Peak	Horizontal
	11565.5	31.2	17.8	49.0	74.0	-25.0	Peak	Horizontal
*	9814.5	31.1	13.7	44.8	68.2	-23.4	Peak	Vertical
*	10401.0	31.2	15.1	46.3	68.2	-21.9	Peak	Vertical
	11489.0	31.3	17.7	49.0	74.0	-25.0	Peak	Vertical
	12007.5	29.5	17.0	46.5	74.0	-27.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	30.7	14.1	44.8	68.2	-23.4	Peak	Horizontal
	11021.5	30.6	16.4	47.0	74.0	-27.0	Peak	Horizontal
	11786.5	28.8	17.6	46.4	74.0	-27.6	Peak	Horizontal
*	16980.0	32.6	21.9	54.5	68.2	-13.7	Peak	Horizontal
*	10035.5	31.5	13.9	45.4	68.2	-22.8	Peak	Vertical
*	10401.0	30.5	15.1	45.6	68.2	-22.6	Peak	Vertical
	10970.5	29.8	16.2	46.0	74.0	-28.0	Peak	Vertical
	11489.0	30.9	17.7	48.6	74.0	-25.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	30.8	13.5	44.3	68.2	-23.9	Peak	Horizontal
*	10214.0	31.2	14.3	45.5	68.2	-22.7	Peak	Horizontal
	10783.5	30.2	16.1	46.3	74.0	-27.7	Peak	Horizontal
	11659.0	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
*	9993.0	32.0	13.7	45.7	68.2	-22.5	Peak	Vertical
*	10350.0	30.3	15.2	45.5	68.2	-22.7	Peak	Vertical
	11072.5	30.1	16.5	46.6	74.0	-27.4	Peak	Vertical
	11948.0	28.9	16.9	45.8	74.0	-28.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	32.1	13.7	45.8	68.2	-22.4	Peak	Horizontal
*	10350.0	30.7	15.2	45.9	68.2	-22.3	Peak	Horizontal
	11378.5	29.2	17.3	46.5	74.0	-27.5	Peak	Horizontal
	11735.5	29.3	17.7	47.0	74.0	-27.0	Peak	Horizontal
*	10035.5	31.1	13.9	45.0	68.2	-23.2	Peak	Vertical
*	10443.5	30.1	15.5	45.6	68.2	-22.6	Peak	Vertical
	10928.0	29.9	16.7	46.6	74.0	-27.4	Peak	Vertical
	11557.0	31.5	17.9	49.4	74.0	-24.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	31.1	13.8	44.9	68.2	-23.3	Peak	Horizontal
*	10265.0	30.9	14.6	45.5	68.2	-22.7	Peak	Horizontal
	10851.5	31.1	16.5	47.6	74.0	-26.4	Peak	Horizontal
	11429.5	29.0	17.3	46.3	74.0	-27.7	Peak	Horizontal
*	9823.0	32.8	13.5	46.3	68.2	-21.9	Peak	Vertical
*	10350.0	31.7	15.2	46.9	68.2	-21.3	Peak	Vertical
	11327.5	31.2	17.4	48.6	74.0	-25.4	Peak	Vertical
	11633.5	28.9	17.7	46.6	74.0	-27.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
	11557.0	31.9	17.9	49.8	74.0	-24.2	Peak	Horizontal
	12007.5	28.8	17.0	45.8	74.0	-28.2	Peak	Horizontal
*	13478.0	30.6	19.5	50.1	68.2	-18.1	Peak	Horizontal
*	9678.5	32.6	13.5	46.1	68.2	-22.1	Peak	Vertical
*	10171.5	30.9	14.1	45.0	68.2	-23.2	Peak	Vertical
	11089.5	31.8	16.8	48.6	74.0	-25.4	Peak	Vertical
	11480.5	30.2	17.6	47.8	74.0	-26.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9806.0	31.6	13.8	45.4	68.2	-22.8	Peak	Horizontal
*	10171.5	31.2	14.1	45.3	68.2	-22.9	Peak	Horizontal
	10817.5	31.7	16.5	48.2	74.0	-25.8	Peak	Horizontal
	11123.5	30.5	16.4	46.9	74.0	-27.1	Peak	Horizontal
*	9993.0	32.3	13.7	46.0	68.2	-22.2	Peak	Vertical
*	10307.5	30.0	14.9	44.9	68.2	-23.3	Peak	Vertical
	11412.5	31.2	17.5	48.7	74.0	-25.3	Peak	Vertical
	12109.5	30.0	17.0	47.0	74.0	-27.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10027.0	33.8	13.9	47.7	68.2	-20.5	Peak	Horizontal
*	10214.0	30.5	14.3	44.8	68.2	-23.4	Peak	Horizontal
	11497.5	30.7	17.6	48.3	74.0	-25.7	Peak	Horizontal
	11795.0	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
*	9993.0	31.1	13.7	44.8	68.2	-23.4	Peak	Vertical
*	10350.0	31.3	15.2	46.5	68.2	-21.7	Peak	Vertical
	11659.0	30.6	17.7	48.3	74.0	-25.7	Peak	Vertical
	12058.5	29.2	17.0	46.2	74.0	-27.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	31.7	13.7	45.4	68.2	-22.8	Peak	Horizontal
*	10307.5	30.9	14.9	45.8	68.2	-22.4	Peak	Horizontal
	11123.5	31.2	16.4	47.6	74.0	-26.4	Peak	Horizontal
	11574.0	31.6	17.7	49.3	74.0	-24.7	Peak	Horizontal
*	10078.0	31.3	13.7	45.0	68.2	-23.2	Peak	Vertical
*	10401.0	30.5	15.1	45.6	68.2	-22.6	Peak	Vertical
	11132.0	32.0	16.3	48.3	74.0	-25.7	Peak	Vertical
	11378.5	29.4	17.3	46.7	74.0	-27.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	31.3	13.7	45.0	68.2	-23.2	Peak	Horizontal
*	10265.0	31.2	14.6	45.8	68.2	-22.4	Peak	Horizontal
	11174.5	29.8	17.0	46.8	74.0	-27.2	Peak	Horizontal
	11701.5	30.7	17.5	48.2	74.0	-25.8	Peak	Horizontal
*	9857.0	32.5	13.5	46.0	68.2	-22.2	Peak	Vertical
*	10350.0	30.6	15.2	45.8	68.2	-22.4	Peak	Vertical
	11276.5	29.3	17.0	46.3	74.0	-27.7	Peak	Vertical
	11701.5	30.7	17.5	48.2	74.0	-25.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9678.5	31.6	13.5	45.1	68.2	-23.1	Peak	Horizontal
*	10120.5	30.7	14.1	44.8	68.2	-23.4	Peak	Horizontal
	10970.5	29.1	16.2	45.3	74.0	-28.7	Peak	Horizontal
	11667.5	32.4	17.5	49.9	74.0	-24.1	Peak	Horizontal
*	9797.5	32.1	13.7	45.8	68.2	-22.4	Peak	Vertical
*	10078.0	33.2	13.7	46.9	68.2	-21.3	Peak	Vertical
	10681.5	30.5	16.3	46.8	74.0	-27.2	Peak	Vertical
	11574.0	31.9	17.7	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	31.5	13.7	45.2	68.2	-23.0	Peak	Horizontal
*	10443.5	31.0	15.5	46.5	68.2	-21.7	Peak	Horizontal
	10919.5	32.0	16.7	48.7	74.0	-25.3	Peak	Horizontal
	11497.5	31.2	17.6	48.8	74.0	-25.2	Peak	Horizontal
*	9899.5	31.0	13.6	44.6	68.2	-23.6	Peak	Vertical
*	10350.0	30.9	15.2	46.1	68.2	-22.1	Peak	Vertical
	11166.0	32.0	17.0	49.0	74.0	-25.0	Peak	Vertical
	11480.5	30.5	17.6	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	31.4	13.7	45.1	68.2	-23.1	Peak	Horizontal
*	10443.5	31.1	15.5	46.6	68.2	-21.6	Peak	Horizontal
	11072.5	32.5	16.5	49.0	74.0	-25.0	Peak	Horizontal
	11684.5	29.9	17.3	47.2	74.0	-26.8	Peak	Horizontal
*	9993.0	31.4	13.7	45.1	68.2	-23.1	Peak	Vertical
*	10537.0	30.8	15.2	46.0	68.2	-22.2	Peak	Vertical
	11574.0	32.6	17.7	50.3	74.0	-23.7	Peak	Vertical
	11633.5	30.4	17.7	48.1	74.0	-25.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	32.7	13.7	46.4	68.2	-21.8	Peak	Horizontal
*	10384.0	32.5	15.1	47.6	68.2	-20.6	Peak	Horizontal
	11531.5	31.7	17.3	49.0	74.0	-25.0	Peak	Horizontal
	12169.0	29.8	17.4	47.2	74.0	-26.8	Peak	Horizontal
*	10996.0	31.8	16.5	48.3	74.0	-25.7	Peak	Vertical
*	11548.5	30.5	17.7	48.2	74.0	-25.8	Peak	Vertical
	13911.5	29.9	18.7	48.6	68.2	-19.6	Peak	Vertical
	14855.0	33.5	19.6	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ac-VHT160–Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	31.8	13.7	45.5	68.2	-22.7	Peak	Horizontal
*	10401.0	32.4	15.1	47.5	68.2	-20.7	Peak	Horizontal
	10860.0	31.4	16.4	47.8	74.0	-26.2	Peak	Horizontal
	11531.5	29.4	17.3	46.7	74.0	-27.3	Peak	Horizontal
*	9721.0	31.1	13.5	44.6	68.2	-23.6	Peak	Vertical
*	10078.0	32.0	13.7	45.7	68.2	-22.5	Peak	Vertical
	11123.5	31.2	16.4	47.6	74.0	-26.4	Peak	Vertical
	11659.0	30.5	17.7	48.2	74.0	-25.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ax-HE20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9729.5	32.9	13.5	46.4	68.2	-21.8	Peak	Horizontal
*	10018.5	33.2	13.8	47.0	68.2	-21.2	Peak	Horizontal
	11183.0	31.0	17.0	48.0	74.0	-26.0	Peak	Horizontal
	11659.0	30.6	17.7	48.3	74.0	-25.7	Peak	Horizontal
*	10078.0	31.0	13.7	44.7	68.2	-23.5	Peak	Vertical
*	10443.5	30.0	15.5	45.5	68.2	-22.7	Peak	Vertical
	11565.5	30.2	17.8	48.0	74.0	-26.0	Peak	Vertical
	11905.5	31.2	17.4	48.6	74.0	-25.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9721.0	31.3	13.5	44.8	68.2	-23.4	Peak	Horizontal
*	9933.5	32.7	13.8	46.5	68.2	-21.7	Peak	Horizontal
	11446.5	31.8	17.3	49.1	74.0	-24.9	Peak	Horizontal
	12449.5	31.3	16.6	47.9	74.0	-26.1	Peak	Horizontal
*	10095.0	32.5	13.8	46.3	68.2	-21.9	Peak	Vertical
*	10358.5	32.9	15.1	48.0	68.2	-20.2	Peak	Vertical
	11565.5	31.0	17.8	48.8	74.0	-25.2	Peak	Vertical
	11888.5	31.9	17.3	49.2	74.0	-24.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9806.0	31.8	13.8	45.6	68.2	-22.6	Peak	Horizontal
*	10061.0	33.0	13.7	46.7	68.2	-21.5	Peak	Horizontal
	11480.5	30.9	17.6	48.5	74.0	-25.5	Peak	Horizontal
	11914.0	31.1	17.3	48.4	74.0	-25.6	Peak	Horizontal
*	9857.0	31.6	13.5	45.1	68.2	-23.1	Peak	Vertical
*	10341.5	31.1	15.1	46.2	68.2	-22.0	Peak	Vertical
	11098.0	30.8	16.8	47.6	74.0	-26.4	Peak	Vertical
	11667.5	30.6	17.5	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
*	10214.0	31.2	14.3	45.5	68.2	-22.7	Peak	Horizontal
	11072.5	30.7	16.5	47.2	74.0	-26.8	Peak	Horizontal
	12007.5	31.6	17.0	48.6	74.0	-25.4	Peak	Horizontal
*	9942.0	31.3	13.8	45.1	68.2	-23.1	Peak	Vertical
*	10265.0	30.3	14.6	44.9	68.2	-23.3	Peak	Vertical
	11072.5	30.3	16.5	46.8	74.0	-27.2	Peak	Vertical
	11557.0	30.9	17.9	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
*	10401.0	30.4	15.1	45.5	68.2	-22.7	Peak	Horizontal
	11098.0	32.4	16.8	49.2	74.0	-24.8	Peak	Horizontal
	11480.5	29.2	17.6	46.8	74.0	-27.2	Peak	Horizontal
*	9857.0	30.6	13.5	44.1	68.2	-24.1	Peak	Vertical
*	10401.0	30.2	15.1	45.3	68.2	-22.9	Peak	Vertical
	11327.5	31.2	17.4	48.6	74.0	-25.4	Peak	Vertical
	12220.0	30.0	17.5	47.5	74.0	-26.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	31.1	13.5	44.6	68.2	-23.6	Peak	Horizontal
*	10265.0	30.9	14.6	45.5	68.2	-22.7	Peak	Horizontal
	11327.5	29.2	17.4	46.6	74.0	-27.4	Peak	Horizontal
	11548.5	30.6	17.7	48.3	74.0	-25.7	Peak	Horizontal
*	9814.5	32.1	13.7	45.8	68.2	-22.4	Peak	Vertical
*	10350.0	30.9	15.2	46.1	68.2	-22.1	Peak	Vertical
	10826.0	32.3	16.4	48.7	74.0	-25.3	Peak	Vertical
	11472.0	31.3	17.5	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9721.0	31.7	13.5	45.2	68.2	-23.0	Peak	Horizontal
*	10265.0	31.1	14.6	45.7	68.2	-22.5	Peak	Horizontal
	10826.0	31.3	16.4	47.7	74.0	-26.3	Peak	Horizontal
	11659.0	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
*	9772.0	30.4	13.5	43.9	68.2	-24.3	Peak	Vertical
*	10265.0	30.4	14.6	45.0	68.2	-23.2	Peak	Vertical
	11021.5	29.9	16.4	46.3	74.0	-27.7	Peak	Vertical
	11378.5	28.8	17.3	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	32.0	13.6	45.6	68.2	-22.6	Peak	Horizontal
*	10214.0	30.3	14.3	44.6	68.2	-23.6	Peak	Horizontal
	10834.5	32.2	16.4	48.6	74.0	-25.4	Peak	Horizontal
	11480.5	31.3	17.6	48.9	74.0	-25.1	Peak	Horizontal
*	9857.0	30.3	13.5	43.8	68.2	-24.4	Peak	Vertical
*	10401.0	30.8	15.1	45.9	68.2	-22.3	Peak	Vertical
	11378.5	28.4	17.3	45.7	74.0	-28.3	Peak	Vertical
	11761.0	31.0	17.3	48.3	74.0	-25.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	30.8	13.7	44.5	68.2	-23.7	Peak	Horizontal
*	10265.0	30.2	14.6	44.8	68.2	-23.4	Peak	Horizontal
	11472.0	31.6	17.5	49.1	74.0	-24.9	Peak	Horizontal
	11786.5	29.6	17.6	47.2	74.0	-26.8	Peak	Horizontal
*	9899.5	31.1	13.6	44.7	68.2	-23.5	Peak	Vertical
*	10350.0	31.7	15.2	46.9	68.2	-21.3	Peak	Vertical
	10783.5	31.0	16.1	47.1	74.0	-26.9	Peak	Vertical
	11497.5	30.9	17.6	48.5	74.0	-25.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	33.2	13.6	46.8	68.2	-21.4	Peak	Horizontal
*	10171.5	30.8	14.1	44.9	68.2	-23.3	Peak	Horizontal
	11225.5	29.6	16.9	46.5	74.0	-27.5	Peak	Horizontal
	11820.5	30.4	17.5	47.9	74.0	-26.1	Peak	Horizontal
*	9840.0	33.6	13.5	47.1	68.2	-21.1	Peak	Vertical
*	10265.0	30.9	14.6	45.5	68.2	-22.7	Peak	Vertical
	10928.0	30.6	16.7	47.3	74.0	-26.7	Peak	Vertical
	11489.0	31.0	17.7	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	31.5	13.5	45.0	68.2	-23.2	Peak	Horizontal
*	10443.5	30.8	15.5	46.3	68.2	-21.9	Peak	Horizontal
	11540.0	31.7	17.6	49.3	74.0	-24.7	Peak	Horizontal
	11786.5	29.4	17.6	47.0	74.0	-27.0	Peak	Horizontal
*	9678.5	31.6	13.5	45.1	68.2	-23.1	Peak	Vertical
*	10171.5	30.3	14.1	44.4	68.2	-23.8	Peak	Vertical
	11089.5	31.8	16.8	48.6	74.0	-25.4	Peak	Vertical
	11684.5	28.6	17.3	45.9	74.0	-28.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11633.5	29.7	17.7	47.4	74.0	-26.6	Peak	Horizontal
	12245.5	31.6	17.6	49.2	74.0	-24.8	Peak	Horizontal
*	14294.0	30.6	19.8	50.4	68.2	-17.8	Peak	Horizontal
*	14923.0	32.8	19.7	52.5	68.2	-15.7	Peak	Horizontal
*	9874.0	31.9	13.6	45.5	68.2	-22.7	Peak	Vertical
*	10265.0	31.4	14.6	46.0	68.2	-22.2	Peak	Vertical
	11565.5	31.0	17.8	48.8	74.0	-25.2	Peak	Vertical
	12305.0	30.9	17.6	48.5	74.0	-25.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	30.6	13.5	44.1	68.2	-24.1	Peak	Horizontal
*	10214.0	30.9	14.3	45.2	68.2	-23.0	Peak	Horizontal
	11089.5	31.8	16.8	48.6	74.0	-25.4	Peak	Horizontal
	11897.0	29.2	17.4	46.6	74.0	-27.4	Peak	Horizontal
*	9942.0	32.1	13.8	45.9	68.2	-22.3	Peak	Vertical
*	10307.5	30.7	14.9	45.6	68.2	-22.6	Peak	Vertical
	11098.0	33.0	16.8	49.8	74.0	-24.2	Peak	Vertical
	11846.0	29.2	17.1	46.3	74.0	-27.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10086.5	32.5	13.8	46.3	68.2	-21.9	Peak	Horizontal
*	10443.5	30.9	15.5	46.4	68.2	-21.8	Peak	Horizontal
	11608.0	31.2	17.2	48.4	74.0	-25.6	Peak	Horizontal
	12007.5	30.6	17.0	47.6	74.0	-26.4	Peak	Horizontal
*	10010.0	33.4	13.8	47.2	68.2	-21.0	Peak	Vertical
*	10350.0	30.8	15.2	46.0	68.2	-22.2	Peak	Vertical
	11489.0	31.7	17.7	49.4	74.0	-24.6	Peak	Vertical
	11973.5	30.4	17.3	47.7	74.0	-26.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10146.0	32.3	13.9	46.2	68.2	-22.0	Peak	Horizontal
*	10401.0	30.9	15.1	46.0	68.2	-22.2	Peak	Horizontal
	11225.5	29.3	16.9	46.2	74.0	-27.8	Peak	Horizontal
	11642.0	30.6	17.9	48.5	74.0	-25.5	Peak	Horizontal
*	9916.5	31.9	13.7	45.6	68.2	-22.6	Peak	Vertical
*	10129.0	32.3	14.2	46.5	68.2	-21.7	Peak	Vertical
	11523.0	30.8	17.2	48.0	74.0	-26.0	Peak	Vertical
	11922.5	30.9	17.1	48.0	74.0	-26.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9721.0	32.1	13.5	45.6	68.2	-22.6	Peak	Horizontal
*	10171.5	30.9	14.1	45.0	68.2	-23.2	Peak	Horizontal
	11361.5	30.1	17.2	47.3	74.0	-26.7	Peak	Horizontal
	11684.5	30.6	17.3	47.9	74.0	-26.1	Peak	Horizontal
*	9721.0	30.9	13.5	44.4	68.2	-23.8	Peak	Vertical
*	9993.0	30.6	13.7	44.3	68.2	-23.9	Peak	Vertical
	10851.5	31.8	16.5	48.3	74.0	-25.7	Peak	Vertical
	11625.0	31.4	17.6	49.0	74.0	-25.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.5	13.9	45.4	68.2	-22.8	Peak	Horizontal
*	10307.5	31.0	14.9	45.9	68.2	-22.3	Peak	Horizontal
	10800.5	31.8	16.5	48.3	74.0	-25.7	Peak	Horizontal
	11463.5	30.7	17.5	48.2	74.0	-25.8	Peak	Horizontal
*	9772.0	30.3	13.5	43.8	68.2	-24.4	Peak	Vertical
*	10171.5	31.1	14.1	45.2	68.2	-23.0	Peak	Vertical
	11480.5	30.4	17.6	48.0	74.0	-26.0	Peak	Vertical
	11897.0	30.3	17.4	47.7	74.0	-26.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	31.4	13.5	44.9	68.2	-23.3	Peak	Horizontal
*	10265.0	31.4	14.6	46.0	68.2	-22.2	Peak	Horizontal
	10877.0	29.9	16.3	46.2	74.0	-27.8	Peak	Horizontal
	11608.0	32.4	17.2	49.6	74.0	-24.4	Peak	Horizontal
*	10171.5	30.9	14.1	45.0	68.2	-23.2	Peak	Vertical
*	10528.5	33.6	15.3	48.9	68.2	-19.3	Peak	Vertical
	10928.0	29.6	16.7	46.3	74.0	-27.7	Peak	Vertical
	11429.5	29.2	17.3	46.5	74.0	-27.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	31.8	13.7	45.5	68.2	-22.7	Peak	Horizontal
*	10214.0	30.3	14.3	44.6	68.2	-23.6	Peak	Horizontal
	11021.5	30.3	16.4	46.7	74.0	-27.3	Peak	Horizontal
	11480.5	32.1	17.6	49.7	74.0	-24.3	Peak	Horizontal
*	9942.0	32.9	13.8	46.7	68.2	-21.5	Peak	Vertical
*	10265.0	30.5	14.6	45.1	68.2	-23.1	Peak	Vertical
	11395.5	30.9	17.5	48.4	74.0	-25.6	Peak	Vertical
	11710.0	31.0	17.8	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	31.0	13.9	44.9	68.2	-23.3	Peak	Horizontal
*	10401.0	30.3	15.1	45.4	68.2	-22.8	Peak	Horizontal
	11557.0	30.9	17.9	48.8	74.0	-25.2	Peak	Horizontal
	12007.5	30.1	17.0	47.1	74.0	-26.9	Peak	Horizontal
*	9942.0	30.7	13.8	44.5	68.2	-23.7	Peak	Vertical
*	10307.5	30.0	14.9	44.9	68.2	-23.3	Peak	Vertical
	11336.0	31.5	17.4	48.9	74.0	-25.1	Peak	Vertical
	11633.5	30.0	17.7	47.7	74.0	-26.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9721.0	31.5	13.5	45.0	68.2	-23.2	Peak	Horizontal
*	10120.5	30.6	14.1	44.7	68.2	-23.5	Peak	Horizontal
	11463.5	31.8	17.5	49.3	74.0	-24.7	Peak	Horizontal
	12109.5	29.7	17.0	46.7	74.0	-27.3	Peak	Horizontal
*	9857.0	31.5	13.5	45.0	68.2	-23.2	Peak	Vertical
*	10214.0	31.4	14.3	45.7	68.2	-22.5	Peak	Vertical
	10877.0	29.9	16.3	46.2	74.0	-27.8	Peak	Vertical
	11489.0	30.9	17.7	48.6	74.0	-25.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	31.7	13.6	45.3	68.2	-22.9	Peak	Horizontal
*	10401.0	30.8	15.1	45.9	68.2	-22.3	Peak	Horizontal
	11480.5	31.6	17.6	49.2	74.0	-24.8	Peak	Horizontal
	11888.5	31.5	17.3	48.8	74.0	-25.2	Peak	Horizontal
	11684.5	29.2	17.3	46.5	74.0	-27.5	Peak	Vertical
	12381.5	29.6	16.9	46.5	74.0	-27.5	Peak	Vertical
*	13733.0	30.1	18.9	49.0	68.2	-19.2	Peak	Vertical
*	14115.5	33.3	19.9	53.2	68.2	-15.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	31.2	13.5	44.7	68.2	-23.5	Peak	Horizontal
*	10078.0	32.2	13.7	45.9	68.2	-22.3	Peak	Horizontal
	11497.5	31.5	17.6	49.1	74.0	-24.9	Peak	Horizontal
	11701.5	31.4	17.5	48.9	74.0	-25.1	Peak	Horizontal
*	9721.0	33.2	13.5	46.7	68.2	-21.5	Peak	Vertical
*	10443.5	30.7	15.5	46.2	68.2	-22.0	Peak	Vertical
	11463.5	30.9	17.5	48.4	74.0	-25.6	Peak	Vertical
	11846.0	30.6	17.1	47.7	74.0	-26.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-03	Test Mode	802.11ax-HE80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10018.5	32.4	13.8	46.2	68.2	-22.0	Peak	Horizontal
*	10307.5	30.3	14.9	45.2	68.2	-23.0	Peak	Horizontal
	11455.0	30.8	17.4	48.2	74.0	-25.8	Peak	Horizontal
	12203.0	31.2	17.7	48.9	74.0	-25.1	Peak	Horizontal
*	9993.0	33.0	13.7	46.7	68.2	-21.5	Peak	Vertical
*	10307.5	30.7	14.9	45.6	68.2	-22.6	Peak	Vertical
	11089.5	31.2	16.8	48.0	74.0	-26.0	Peak	Vertical
	11480.5	30.2	17.6	47.8	74.0	-26.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	31.6	13.5	45.1	68.2	-23.1	Peak	Horizontal
*	10248.0	33.3	14.3	47.6	68.2	-20.6	Peak	Horizontal
	11021.5	31.9	16.4	48.3	74.0	-25.7	Peak	Horizontal
	11582.5	30.4	17.5	47.9	74.0	-26.1	Peak	Horizontal
*	9899.5	33.5	13.6	47.1	68.2	-21.1	Peak	Vertical
*	10401.0	30.5	15.1	45.6	68.2	-22.6	Peak	Vertical
	10928.0	30.4	16.7	47.1	74.0	-26.9	Peak	Vertical
	11565.5	31.1	17.8	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	31.9	13.6	45.5	68.2	-22.7	Peak	Horizontal
*	10265.0	31.2	14.6	45.8	68.2	-22.4	Peak	Horizontal
	10928.0	29.9	16.7	46.6	74.0	-27.4	Peak	Horizontal
	11557.0	32.7	17.9	50.6	74.0	-23.4	Peak	Horizontal
*	10078.0	31.4	13.7	45.1	68.2	-23.1	Peak	Vertical
*	10443.5	30.9	15.5	46.4	68.2	-21.8	Peak	Vertical
	11319.0	31.2	17.4	48.6	74.0	-25.4	Peak	Vertical
	12109.5	29.4	17.0	46.4	74.0	-27.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
*	10401.0	30.5	15.1	45.6	68.2	-22.6	Peak	Horizontal
	11089.5	32.5	16.8	49.3	74.0	-24.7	Peak	Horizontal
	11557.0	31.3	17.9	49.2	74.0	-24.8	Peak	Horizontal
*	9942.0	31.5	13.8	45.3	68.2	-22.9	Peak	Vertical
*	10350.0	31.7	15.2	46.9	68.2	-21.3	Peak	Vertical
	10851.5	32.2	16.5	48.7	74.0	-25.3	Peak	Vertical
	11276.5	29.3	17.0	46.3	74.0	-27.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	32.0	13.8	45.8	68.2	-22.4	Peak	Horizontal
*	10307.5	30.7	14.9	45.6	68.2	-22.6	Peak	Horizontal
	11089.5	32.0	16.8	48.8	74.0	-25.2	Peak	Horizontal
	11480.5	29.6	17.6	47.2	74.0	-26.8	Peak	Horizontal
*	9942.0	30.9	13.8	44.7	68.2	-23.5	Peak	Vertical
*	10265.0	30.3	14.6	44.9	68.2	-23.3	Peak	Vertical
	10826.0	30.5	16.4	46.9	74.0	-27.1	Peak	Vertical
	11574.0	30.6	17.7	48.3	74.0	-25.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	31.2	13.6	44.8	68.2	-23.4	Peak	Horizontal
*	10350.0	30.5	15.2	45.7	68.2	-22.5	Peak	Horizontal
	11548.5	31.1	17.7	48.8	74.0	-25.2	Peak	Horizontal
	11846.0	29.5	17.1	46.6	74.0	-27.4	Peak	Horizontal
*	9942.0	31.4	13.8	45.2	68.2	-23.0	Peak	Vertical
*	10443.5	30.9	15.5	46.4	68.2	-21.8	Peak	Vertical
	11123.5	30.0	16.4	46.4	74.0	-27.6	Peak	Vertical
	11497.5	31.0	17.6	48.6	74.0	-25.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	31.7	13.5	45.2	68.2	-23.0	Peak	Horizontal
*	10401.0	30.3	15.1	45.4	68.2	-22.8	Peak	Horizontal
	11174.5	31.4	17.0	48.4	74.0	-25.6	Peak	Horizontal
	11948.0	31.1	16.9	48.0	74.0	-26.0	Peak	Horizontal
*	9814.5	31.0	13.7	44.7	68.2	-23.5	Peak	Vertical
*	10265.0	31.4	14.6	46.0	68.2	-22.2	Peak	Vertical
	11548.5	30.8	17.7	48.5	74.0	-25.5	Peak	Vertical
	11812.0	32.1	17.7	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-01	Test Mode	802.11ax-HE160 – Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9772.0	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
*	10350.0	29.8	15.2	45.0	68.2	-23.2	Peak	Horizontal
	11225.5	29.6	16.9	46.5	74.0	-27.5	Peak	Horizontal
	11778.0	32.1	17.4	49.5	74.0	-24.5	Peak	Horizontal
*	9899.5	31.3	13.6	44.9	68.2	-23.3	Peak	Vertical
*	10214.0	30.7	14.3	45.0	68.2	-23.2	Peak	Vertical
	10783.5	30.2	16.1	46.3	74.0	-27.7	Peak	Vertical
	11514.5	31.6	17.3	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

L22UGS-5HaxD2HaxD-15S-US + Internal Antenna:

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10061.0	48.0	-1.5	46.5	68.2	-21.7	Peak	Horizontal
	11115.0	48.4	-1.5	46.9	74.0	-27.1	Peak	Horizontal
*	14175.0	46.1	3.7	49.8	68.2	-18.4	Peak	Horizontal
	17838.5	45.0	8.0	53.0	74.0	-21.0	Peak	Horizontal
*	10299.0	48.5	-1.3	47.2	68.2	-21.0	Peak	Vertical
	11463.5	47.6	-1.6	46.0	74.0	-28.0	Peak	Vertical
*	14217.5	46.2	3.0	49.2	68.2	-19.0	Peak	Vertical
	17855.5	45.4	7.9	53.3	74.0	-20.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10316.0	46.9	-1.1	45.8	68.2	-22.4	Peak	Horizontal
	11803.5	48.8	-1.9	46.9	74.0	-27.1	Peak	Horizontal
*	14175.0	47.0	3.7	50.7	68.2	-17.5	Peak	Horizontal
	15569.0	45.8	4.6	50.4	74.0	-23.6	Peak	Horizontal
*	9806.0	47.5	-2.0	45.5	68.2	-22.7	Peak	Vertical
	11234.0	47.9	-1.5	46.4	74.0	-27.6	Peak	Vertical
*	14710.5	49.1	1.9	51.0	68.2	-17.2	Peak	Vertical
	15569.0	45.5	4.6	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10307.5	47.7	-1.2	46.5	68.2	-21.7	Peak	Horizontal
	12169.0	48.4	-1.6	46.8	74.0	-27.2	Peak	Horizontal
*	14200.5	46.7	2.9	49.6	68.2	-18.6	Peak	Horizontal
	15858.0	45.7	4.5	50.2	74.0	-23.8	Peak	Horizontal
*	10103.5	47.7	-1.6	46.1	68.2	-22.1	Peak	Vertical
	11693.0	48.5	-1.6	46.9	74.0	-27.1	Peak	Vertical
*	14064.5	46.8	2.9	49.7	68.2	-18.5	Peak	Vertical
	15688.0	45.0	4.8	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10316.0	48.0	-1.1	46.9	68.2	-21.3	Peak	Horizontal
	11812.0	49.1	-1.8	47.3	74.0	-26.7	Peak	Horizontal
*	14030.5	47.2	2.6	49.8	68.2	-18.4	Peak	Horizontal
	15696.5	45.4	4.9	50.3	74.0	-23.7	Peak	Horizontal
*	10137.5	47.6	-1.5	46.1	68.2	-22.1	Peak	Vertical
	11234.0	48.3	-1.5	46.8	74.0	-27.2	Peak	Vertical
*	14047.5	47.6	2.8	50.4	68.2	-17.8	Peak	Vertical
	15492.5	45.9	4.4	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8709.5	48.0	-2.3	45.7	68.2	-22.5	Peak	Horizontal
	11149.0	48.0	-1.4	46.6	74.0	-27.4	Peak	Horizontal
*	13860.5	47.0	2.4	49.4	68.2	-18.8	Peak	Horizontal
	15688.0	45.5	4.8	50.3	74.0	-23.7	Peak	Horizontal
*	10307.5	47.9	-1.2	46.7	68.2	-21.5	Peak	Vertical
	11769.5	48.6	-1.9	46.7	74.0	-27.3	Peak	Vertical
*	14175.0	46.6	3.7	50.3	68.2	-17.9	Peak	Vertical
	15637.0	44.9	3.8	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10137.5	47.7	-1.5	46.2	68.2	-22.0	Peak	Horizontal
	11778.0	48.9	-1.9	47.0	74.0	-27.0	Peak	Horizontal
*	13869.0	47.4	2.5	49.9	68.2	-18.3	Peak	Horizontal
	15688.0	45.9	4.8	50.7	74.0	-23.3	Peak	Horizontal
*	9942.0	47.8	-1.6	46.2	68.2	-22.0	Peak	Vertical
	11412.5	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
*	14175.0	47.2	3.7	50.9	68.2	-17.3	Peak	Vertical
	15883.5	45.1	5.1	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10375.5	47.9	-1.6	46.3	68.2	-21.9	Peak	Horizontal
	11701.5	48.5	-1.6	46.9	74.0	-27.1	Peak	Horizontal
*	13928.5	46.8	2.4	49.2	68.2	-19.0	Peak	Horizontal
	15815.5	46.2	4.7	50.9	74.0	-23.1	Peak	Horizontal
*	10044.0	47.7	-1.8	45.9	68.2	-22.3	Peak	Vertical
	11455.0	47.9	-1.5	46.4	74.0	-27.6	Peak	Vertical
*	13877.5	47.4	2.5	49.9	68.2	-18.3	Peak	Vertical
	15569.0	45.6	4.6	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9874.0	47.4	-1.8	45.6	68.2	-22.6	Peak	Horizontal
	11608.0	48.9	-1.6	47.3	74.0	-26.7	Peak	Horizontal
*	14260.0	47.0	3.1	50.1	68.2	-18.1	Peak	Horizontal
	15756.0	45.9	4.3	50.2	74.0	-23.8	Peak	Horizontal
*	10078.0	47.7	-1.6	46.1	68.2	-22.1	Peak	Vertical
	11132.0	47.6	-1.4	46.2	74.0	-27.8	Peak	Vertical
*	14124.0	47.5	2.9	50.4	68.2	-17.8	Peak	Vertical
	15586.0	45.8	4.5	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	47.6	-1.5	46.1	68.2	-22.1	Peak	Horizontal
	12441.0	48.5	-1.4	47.1	74.0	-26.9	Peak	Horizontal
*	14132.5	47.1	2.9	50.0	68.2	-18.2	Peak	Horizontal
	15696.5	45.4	4.9	50.3	74.0	-23.7	Peak	Horizontal
*	10418.0	47.7	-1.4	46.3	68.2	-21.9	Peak	Vertical
	12135.0	48.8	-1.7	47.1	74.0	-26.9	Peak	Vertical
*	13673.5	48.2	1.3	49.5	68.2	-18.7	Peak	Vertical
	15773.0	44.7	4.9	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10069.5	47.6	-1.5	46.1	68.2	-22.1	Peak	Horizontal
	11489.0	48.4	-1.6	46.8	74.0	-27.2	Peak	Horizontal
*	14166.5	46.1	3.4	49.5	68.2	-18.7	Peak	Horizontal
	15705.0	45.9	4.9	50.8	74.0	-23.2	Peak	Horizontal
*	10239.5	47.4	-1.4	46.0	68.2	-22.2	Peak	Vertical
	11149.0	47.8	-1.4	46.4	74.0	-27.6	Peak	Vertical
*	14158.0	46.1	3.1	49.2	68.2	-19.0	Peak	Vertical
	15467.0	45.1	4.6	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10129.0	47.5	-1.4	46.1	68.2	-22.1	Peak	Horizontal
	11174.5	47.8	-1.5	46.3	74.0	-27.7	Peak	Horizontal
*	14056.0	46.9	3.0	49.9	68.2	-18.3	Peak	Horizontal
	15688.0	45.2	4.8	50.0	74.0	-24.0	Peak	Horizontal
*	10018.5	47.5	-1.8	45.7	68.2	-22.5	Peak	Vertical
	11140.5	48.2	-1.4	46.8	74.0	-27.2	Peak	Vertical
*	14166.5	46.5	3.4	49.9	68.2	-18.3	Peak	Vertical
	15994.0	45.1	5.4	50.5	74.0	-23.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9976.0	48.1	-1.5	46.6	68.2	-21.6	Peak	Horizontal
	11319.0	48.7	-1.5	47.2	74.0	-26.8	Peak	Horizontal
*	14183.5	47.1	3.2	50.3	68.2	-17.9	Peak	Horizontal
	15637.0	44.6	3.8	48.4	74.0	-25.6	Peak	Horizontal
*	10316.0	47.0	-1.1	45.9	68.2	-22.3	Peak	Vertical
	11829.0	48.5	-1.8	46.7	74.0	-27.3	Peak	Vertical
*	14175.0	45.8	3.7	49.5	68.2	-18.7	Peak	Vertical
	15679.5	45.6	4.7	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9984.5	47.6	-1.5	46.1	68.2	-22.1	Peak	Horizontal
	11429.5	48.0	-1.5	46.5	74.0	-27.5	Peak	Horizontal
*	13852.0	47.6	2.4	50.0	68.2	-18.2	Peak	Horizontal
	15569.0	46.0	4.6	50.6	74.0	-23.4	Peak	Horizontal
*	10129.0	47.7	-1.4	46.3	68.2	-21.9	Peak	Vertical
	11336.0	48.7	-1.4	47.3	74.0	-26.7	Peak	Vertical
*	14166.5	46.4	3.4	49.8	68.2	-18.4	Peak	Vertical
	15671.0	45.5	4.6	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10061.0	47.5	-1.5	46.0	68.2	-22.2	Peak	Horizontal
	11455.0	49.2	-1.5	47.7	74.0	-26.3	Peak	Horizontal
*	14209.0	46.6	3.0	49.6	68.2	-18.6	Peak	Horizontal
	15705.0	45.4	4.9	50.3	74.0	-23.7	Peak	Horizontal
*	9789.0	48.1	-2.0	46.1	68.2	-22.1	Peak	Vertical
	12033.0	48.2	-1.8	46.4	74.0	-27.6	Peak	Vertical
*	14175.0	46.6	3.7	50.3	68.2	-17.9	Peak	Vertical
	15671.0	45.5	4.6	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10103.5	47.4	-1.6	45.8	68.2	-22.4	Peak	Horizontal
	12016.0	48.3	-1.8	46.5	74.0	-27.5	Peak	Horizontal
*	14183.5	46.4	3.2	49.6	68.2	-18.6	Peak	Horizontal
	15662.5	45.6	4.3	49.9	74.0	-24.1	Peak	Horizontal
*	9806.0	48.4	-2.0	46.4	68.2	-21.8	Peak	Vertical
	11514.5	47.6	-1.6	46.0	74.0	-28.0	Peak	Vertical
*	13835.0	47.0	2.4	49.4	68.2	-18.8	Peak	Vertical
	15679.5	45.5	4.7	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10316.0	47.0	-1.1	45.9	68.2	-22.3	Peak	Horizontal
	11548.5	48.3	-1.7	46.6	74.0	-27.4	Peak	Horizontal
*	14149.5	46.7	3.0	49.7	68.2	-18.5	Peak	Horizontal
	15679.5	44.9	4.7	49.6	74.0	-24.4	Peak	Horizontal
*	10103.5	47.2	-1.6	45.6	68.2	-22.6	Peak	Vertical
	12237.0	48.7	-1.8	46.9	74.0	-27.1	Peak	Vertical
*	14158.0	46.6	3.1	49.7	68.2	-18.5	Peak	Vertical
	15968.5	46.1	4.7	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10324.5	46.9	-1.2	45.7	68.2	-22.5	Peak	Horizontal
	11429.5	48.6	-1.5	47.1	74.0	-26.9	Peak	Horizontal
*	14166.5	47.2	3.4	50.6	68.2	-17.6	Peak	Horizontal
	15662.5	45.4	4.3	49.7	74.0	-24.3	Peak	Horizontal
*	10452.0	47.4	-1.4	46.0	68.2	-22.2	Peak	Vertical
	11412.5	47.3	-1.5	45.8	74.0	-28.2	Peak	Vertical
*	14158.0	46.2	3.1	49.3	68.2	-18.9	Peak	Vertical
	15696.5	44.3	4.9	49.2	74.0	-24.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
	11514.5	48.3	-1.6	46.7	74.0	-27.3	Peak	Horizontal
*	14158.0	46.5	3.1	49.6	68.2	-18.6	Peak	Horizontal
	15917.5	44.9	5.1	50.0	74.0	-24.0	Peak	Horizontal
*	10239.5	47.3	-1.4	45.9	68.2	-22.3	Peak	Vertical
	11166.0	47.4	-1.3	46.1	74.0	-27.9	Peak	Vertical
*	14149.5	46.8	3.0	49.8	68.2	-18.4	Peak	Vertical
	15866.5	44.4	4.8	49.2	74.0	-24.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10307.5	47.3	-1.2	46.1	68.2	-22.1	Peak	Horizontal
	11412.5	48.4	-1.5	46.9	74.0	-27.1	Peak	Horizontal
*	14158.0	45.8	3.1	48.9	68.2	-19.3	Peak	Horizontal
	15849.5	44.1	4.4	48.5	74.0	-25.5	Peak	Horizontal
*	10486.0	48.1	-1.3	46.8	68.2	-21.4	Peak	Vertical
	11174.5	48.0	-1.5	46.5	74.0	-27.5	Peak	Vertical
*	14149.5	46.6	3.0	49.6	68.2	-18.6	Peak	Vertical
	15637.0	45.3	3.8	49.1	74.0	-24.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10324.5	47.1	-1.2	45.9	68.2	-22.3	Peak	Horizontal
	11489.0	47.5	-1.6	45.9	74.0	-28.1	Peak	Horizontal
*	14030.5	46.6	2.6	49.2	68.2	-19.0	Peak	Horizontal
	15569.0	45.2	4.6	49.8	74.0	-24.2	Peak	Horizontal
*	9687.0	48.2	-2.0	46.2	68.2	-22.0	Peak	Vertical
	11327.5	48.5	-1.5	47.0	74.0	-27.0	Peak	Vertical
*	13979.5	46.9	2.6	49.5	68.2	-18.7	Peak	Vertical
	15815.5	45.8	4.7	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9610.5	48.3	-2.0	46.3	68.2	-21.9	Peak	Horizontal
	11829.0	48.3	-1.8	46.5	74.0	-27.5	Peak	Horizontal
*	13860.5	46.4	2.4	48.8	68.2	-19.4	Peak	Horizontal
	15781.5	44.9	5.0	49.9	74.0	-24.1	Peak	Horizontal
*	10222.5	47.3	-1.5	45.8	68.2	-22.4	Peak	Vertical
	11548.5	48.6	-1.7	46.9	74.0	-27.1	Peak	Vertical
*	14251.5	46.9	3.0	49.9	68.2	-18.3	Peak	Vertical
	15713.5	45.9	4.8	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10044.0	47.5	-1.8	45.7	68.2	-22.5	Peak	Horizontal
	11633.5	48.7	-1.7	47.0	74.0	-27.0	Peak	Horizontal
*	13860.5	46.7	2.4	49.1	68.2	-19.1	Peak	Horizontal
	15977.0	45.5	5.0	50.5	74.0	-23.5	Peak	Horizontal
*	10146.0	46.9	-1.6	45.3	68.2	-22.9	Peak	Vertical
	11591.0	48.3	-1.7	46.6	74.0	-27.4	Peak	Vertical
*	13784.0	47.8	2.1	49.9	68.2	-18.3	Peak	Vertical
	16079.0	45.8	4.7	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10239.5	47.2	-1.4	45.8	68.2	-22.4	Peak	Horizontal
	11506.0	47.9	-1.7	46.2	74.0	-27.8	Peak	Horizontal
*	13877.5	47.0	2.5	49.5	68.2	-18.7	Peak	Horizontal
	15688.0	45.9	4.8	50.7	74.0	-23.3	Peak	Horizontal
*	9670.0	48.8	-2.0	46.8	68.2	-21.4	Peak	Vertical
	11616.5	48.1	-1.6	46.5	74.0	-27.5	Peak	Vertical
*	14175.0	46.6	3.7	50.3	68.2	-17.9	Peak	Vertical
	15705.0	44.8	4.9	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9670.0	48.8	-2.0	46.8	68.2	-21.4	Peak	Horizontal
	11616.5	48.1	-1.6	46.5	74.0	-27.5	Peak	Horizontal
*	14175.0	46.6	3.7	50.3	68.2	-17.9	Peak	Horizontal
	15798.5	45.4	4.9	50.3	74.0	-23.7	Peak	Horizontal
*	10469.0	47.4	-1.4	46.0	68.2	-22.2	Peak	Vertical
	11718.5	49.1	-1.7	47.4	74.0	-26.6	Peak	Vertical
*	13852.0	47.1	2.4	49.5	68.2	-18.7	Peak	Vertical
	15679.5	45.2	4.7	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10418.0	48.1	-1.4	46.7	68.2	-21.5	Peak	Horizontal
	11429.5	48.3	-1.5	46.8	74.0	-27.2	Peak	Horizontal
*	14175.0	45.9	3.7	49.6	68.2	-18.6	Peak	Horizontal
	15577.5	45.7	4.6	50.3	74.0	-23.7	Peak	Horizontal
*	10052.5	47.7	-1.6	46.1	68.2	-22.1	Peak	Vertical
	11803.5	49.3	-1.9	47.4	74.0	-26.6	Peak	Vertical
*	14132.5	47.4	2.9	50.3	68.2	-17.9	Peak	Vertical
	15688.0	45.8	4.8	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	49.4	-1.7	47.7	68.2	-20.5	Peak	Horizontal
	11217.0	48.7	-1.6	47.1	74.0	-26.9	Peak	Horizontal
*	14183.5	46.3	3.2	49.5	68.2	-18.7	Peak	Horizontal
	15858.0	45.3	4.5	49.8	74.0	-24.2	Peak	Horizontal
*	9670.0	48.5	-2.0	46.5	68.2	-21.7	Peak	Vertical
	11642.0	48.5	-1.7	46.8	74.0	-27.2	Peak	Vertical
*	14141.0	47.0	2.9	49.9	68.2	-18.3	Peak	Vertical
	15722.0	44.4	4.6	49.0	74.0	-25.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10256.5	48.0	-1.5	46.5	68.2	-21.7	Peak	Horizontal
	11667.5	47.9	-1.7	46.2	74.0	-27.8	Peak	Horizontal
*	14226.0	46.6	3.0	49.6	68.2	-18.6	Peak	Horizontal
	15679.5	45.5	4.7	50.2	74.0	-23.8	Peak	Horizontal
*	9806.0	48.7	-2.0	46.7	68.2	-21.5	Peak	Vertical
	11463.5	48.4	-1.6	46.8	74.0	-27.2	Peak	Vertical
*	13903.0	46.7	2.5	49.2	68.2	-19.0	Peak	Vertical
	15705.0	44.6	4.9	49.5	74.0	-24.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10239.5	48.3	-1.4	46.9	68.2	-21.3	Peak	Horizontal
	12186.0	48.6	-1.6	47.0	74.0	-27.0	Peak	Horizontal
*	14183.5	46.9	3.2	50.1	68.2	-18.1	Peak	Horizontal
	15475.5	45.7	4.5	50.2	74.0	-23.8	Peak	Horizontal
*	9959.0	47.9	-1.6	46.3	68.2	-21.9	Peak	Vertical
	11625.0	47.8	-1.6	46.2	74.0	-27.8	Peak	Vertical
*	14175.0	46.3	3.7	50.0	68.2	-18.2	Peak	Vertical
	15688.0	45.7	4.8	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9653.0	48.9	-2.0	46.9	68.2	-21.3	Peak	Horizontal
	11710.0	47.7	-1.6	46.1	74.0	-27.9	Peak	Horizontal
*	14124.0	47.2	2.9	50.1	68.2	-18.1	Peak	Horizontal
	15577.5	45.1	4.6	49.7	74.0	-24.3	Peak	Horizontal
*	10129.0	47.2	-1.4	45.8	68.2	-22.4	Peak	Vertical
	11140.5	47.8	-1.4	46.4	74.0	-27.6	Peak	Vertical
*	13860.5	47.1	2.4	49.5	68.2	-18.7	Peak	Vertical
	15637.0	46.4	3.8	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10426.5	47.5	-1.4	46.1	68.2	-22.1	Peak	Horizontal
	11701.5	48.8	-1.6	47.2	74.0	-26.8	Peak	Horizontal
*	13750.0	47.6	2.0	49.6	68.2	-18.6	Peak	Horizontal
	15637.0	44.9	3.8	48.7	74.0	-25.3	Peak	Horizontal
*	9933.5	47.6	-1.8	45.8	68.2	-22.4	Peak	Vertical
	11225.5	48.0	-1.6	46.4	74.0	-27.6	Peak	Vertical
*	14251.5	46.7	3.0	49.7	68.2	-18.5	Peak	Vertical
	15560.5	46.0	4.6	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10265.0	47.8	-1.5	46.3	68.2	-21.9	Peak	Horizontal
	11523.0	48.1	-1.5	46.6	74.0	-27.4	Peak	Horizontal
*	14200.5	46.9	2.9	49.8	68.2	-18.4	Peak	Horizontal
	15807.0	45.0	4.9	49.9	74.0	-24.1	Peak	Horizontal
*	9644.5	48.0	-2.1	45.9	68.2	-22.3	Peak	Vertical
	11344.5	47.5	-1.5	46.0	74.0	-28.0	Peak	Vertical
*	14209.0	46.6	3.0	49.6	68.2	-18.6	Peak	Vertical
	15781.5	45.9	5.0	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	47.6	-1.7	45.9	68.2	-22.3	Peak	Horizontal
	11370.0	47.9	-1.7	46.2	74.0	-27.8	Peak	Horizontal
*	14175.0	46.1	3.7	49.8	68.2	-18.4	Peak	Horizontal
	15577.5	45.8	4.6	50.4	74.0	-23.6	Peak	Horizontal
*	9848.5	47.6	-1.8	45.8	68.2	-22.4	Peak	Vertical
	11820.5	48.7	-1.8	46.9	74.0	-27.1	Peak	Vertical
*	14209.0	46.6	3.0	49.6	68.2	-18.6	Peak	Vertical
	15577.5	46.1	4.6	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9806.0	48.3	-2.0	46.3	68.2	-21.9	Peak	Horizontal
	11157.5	48.5	-1.3	47.2	74.0	-26.8	Peak	Horizontal
*	13954.0	47.9	2.2	50.1	68.2	-18.1	Peak	Horizontal
	15917.5	45.3	5.1	50.4	74.0	-23.6	Peak	Horizontal
*	10248.0	48.3	-1.5	46.8	68.2	-21.4	Peak	Vertical
	11608.0	48.3	-1.6	46.7	74.0	-27.3	Peak	Vertical
*	14226.0	46.2	3.0	49.2	68.2	-19.0	Peak	Vertical
	15773.0	44.6	4.9	49.5	74.0	-24.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9755.0	48.4	-2.0	46.4	68.2	-21.8	Peak	Horizontal
	10953.5	47.9	-1.4	46.5	74.0	-27.5	Peak	Horizontal
*	14192.0	46.8	2.7	49.5	68.2	-18.7	Peak	Horizontal
	15688.0	45.8	4.8	50.6	74.0	-23.4	Peak	Horizontal
*	10129.0	47.6	-1.4	46.2	68.2	-22.0	Peak	Vertical
	11421.0	48.8	-1.5	47.3	74.0	-26.7	Peak	Vertical
*	14081.5	46.9	2.9	49.8	68.2	-18.4	Peak	Vertical
	15679.5	45.5	4.7	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	47.9	-2.0	45.9	68.2	-22.3	Peak	Horizontal
	11922.5	48.3	-1.8	46.5	74.0	-27.5	Peak	Horizontal
*	14226.0	47.1	3.0	50.1	68.2	-18.1	Peak	Horizontal
	15467.0	46.0	4.6	50.6	74.0	-23.4	Peak	Horizontal
*	10052.5	47.2	-1.6	45.6	68.2	-22.6	Peak	Vertical
	10894.0	47.9	-1.4	46.5	74.0	-27.5	Peak	Vertical
*	13937.0	46.5	2.4	48.9	68.2	-19.3	Peak	Vertical
	15671.0	46.2	4.6	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9755.0	47.8	-2.0	45.8	68.2	-22.4	Peak	Horizontal
	11438.0	48.5	-1.4	47.1	74.0	-26.9	Peak	Horizontal
*	13996.5	47.1	2.5	49.6	68.2	-18.6	Peak	Horizontal
	15560.5	44.5	4.6	49.1	74.0	-24.9	Peak	Horizontal
*	10188.5	47.7	-1.6	46.1	68.2	-22.1	Peak	Vertical
	12262.5	48.4	-1.7	46.7	74.0	-27.3	Peak	Vertical
*	14226.0	46.6	3.0	49.6	68.2	-18.6	Peak	Vertical
	15679.5	44.9	4.7	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10528.5	48.5	-1.3	47.2	68.2	-21.0	Peak	Horizontal
	11684.5	49.2	-1.6	47.6	74.0	-26.4	Peak	Horizontal
*	14107.0	45.1	2.8	47.9	68.2	-20.3	Peak	Horizontal
	15773.0	43.8	4.9	48.7	74.0	-25.3	Peak	Horizontal
*	9806.0	48.7	-2.0	46.7	68.2	-21.5	Peak	Vertical
	11990.5	49.8	-1.8	48.0	74.0	-26.0	Peak	Vertical
*	14166.5	46.5	3.4	49.9	68.2	-18.3	Peak	Vertical
	15790.0	45.6	5.0	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	48.0	-1.7	46.3	68.2	-21.9	Peak	Horizontal
	11871.5	48.6	-1.9	46.7	74.0	-27.3	Peak	Horizontal
*	14158.0	46.8	3.1	49.9	68.2	-18.3	Peak	Horizontal
	16045.0	46.0	4.7	50.7	74.0	-23.3	Peak	Horizontal
*	10443.5	46.9	-1.4	45.5	68.2	-22.7	Peak	Vertical
	11812.0	48.2	-1.8	46.4	74.0	-27.6	Peak	Vertical
*	13954.0	47.0	2.2	49.2	68.2	-19.0	Peak	Vertical
	15849.5	46.2	4.4	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9976.0	47.6	-1.5	46.1	68.2	-22.1	Peak	Horizontal
	11438.0	48.7	-1.4	47.3	74.0	-26.7	Peak	Horizontal
*	14175.0	46.3	3.7	50.0	68.2	-18.2	Peak	Horizontal
	15875.0	45.8	5.1	50.9	74.0	-23.1	Peak	Horizontal
*	9806.0	49.0	-2.0	47.0	68.2	-21.2	Peak	Vertical
	11948.0	48.1	-1.6	46.5	74.0	-27.5	Peak	Vertical
*	13971.0	46.6	2.6	49.2	68.2	-19.0	Peak	Vertical
	15883.5	45.6	5.1	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9933.5	47.6	-1.8	45.8	68.2	-22.4	Peak	Horizontal
	11421.0	47.9	-1.5	46.4	74.0	-27.6	Peak	Horizontal
*	13894.5	47.4	2.5	49.9	68.2	-18.3	Peak	Horizontal
	16028.0	45.8	4.9	50.7	74.0	-23.3	Peak	Horizontal
*	9967.5	47.3	-1.6	45.7	68.2	-22.5	Peak	Vertical
	11744.0	49.1	-1.8	47.3	74.0	-26.7	Peak	Vertical
*	13869.0	45.8	2.5	48.3	68.2	-19.9	Peak	Vertical
	15679.5	45.5	4.7	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9857.0	47.5	-1.7	45.8	68.2	-22.4	Peak	Horizontal
	10605.0	48.8	-1.1	47.7	74.0	-26.3	Peak	Horizontal
*	14243.0	47.0	2.8	49.8	68.2	-18.4	Peak	Horizontal
	15569.0	45.3	4.6	49.9	74.0	-24.1	Peak	Horizontal
*	10222.5	46.9	-1.5	45.4	68.2	-22.8	Peak	Vertical
	11480.5	45.5	-1.6	43.9	74.0	-30.1	Peak	Vertical
*	14175.0	46.0	3.7	49.7	68.2	-18.5	Peak	Vertical
	15577.5	45.6	4.6	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	9874.0	47.1	-1.8	45.3	68.2	-22.9	Peak	Horizontal
	11251.0	47.6	-1.7	45.9	74.0	-28.1	Peak	Horizontal
*	13852.0	46.9	2.4	49.3	68.2	-18.9	Peak	Horizontal
	15696.5	45.2	4.9	50.1	74.0	-23.9	Peak	Horizontal
*	10129.0	47.4	-1.4	46.0	68.2	-22.2	Peak	Vertical
	11795.0	47.2	-2.0	45.2	74.0	-28.8	Peak	Vertical
*	13843.5	46.3	2.4	48.7	68.2	-19.5	Peak	Vertical
	15688.0	45.2	4.8	50.0	74.0	-24.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10341.5	47.0	-1.3	45.7	68.2	-22.5	Peak	Horizontal
	11710.0	47.5	-1.6	45.9	74.0	-28.1	Peak	Horizontal
*	13979.5	46.4	2.6	49.0	68.2	-19.2	Peak	Horizontal
	15994.0	45.2	5.4	50.6	74.0	-23.4	Peak	Horizontal
*	9874.0	47.5	-1.8	45.7	68.2	-22.5	Peak	Vertical
	11455.0	47.5	-1.5	46.0	74.0	-28.0	Peak	Vertical
*	14064.5	46.0	2.9	48.9	68.2	-19.3	Peak	Vertical
	15671.0	45.1	4.6	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ac-VHT160–Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	9806.0	47.7	-2.0	45.7	68.2	-22.5	Peak	Horizontal
	11123.5	48.1	-1.4	46.7	74.0	-27.3	Peak	Horizontal
*	13656.5	48.3	1.1	49.4	68.2	-18.8	Peak	Horizontal
	15560.5	45.5	4.6	50.1	74.0	-23.9	Peak	Horizontal
*	9967.5	47.8	-1.6	46.2	68.2	-22.0	Peak	Vertical
	11608.0	49.1	-1.6	47.5	74.0	-26.5	Peak	Vertical
*	14166.5	46.3	3.4	49.7	68.2	-18.5	Peak	Vertical
	15679.5	45.2	4.7	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10103.5	48.2	-1.6	46.6	68.2	-21.6	Peak	Horizontal
	12271.0	49.3	-1.8	47.5	74.0	-26.5	Peak	Horizontal
*	14158.0	47.0	3.1	50.1	68.2	-18.1	Peak	Horizontal
	15458.5	45.7	4.3	50.0	74.0	-24.0	Peak	Horizontal
*	9916.5	48.1	-1.9	46.2	68.2	-22.0	Peak	Vertical
	11174.5	49.2	-1.5	47.7	74.0	-26.3	Peak	Vertical
*	14175.0	46.8	3.7	50.5	68.2	-17.7	Peak	Vertical
	15883.5	45.5	5.1	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10061.0	48.5	-1.5	47.0	68.2	-21.2	Peak	Horizontal
	12296.5	48.3	-1.5	46.8	74.0	-27.2	Peak	Horizontal
*	13750.0	47.5	2.0	49.5	68.2	-18.7	Peak	Horizontal
	15798.5	45.7	4.9	50.6	74.0	-23.4	Peak	Horizontal
*	9916.5	47.4	-1.9	45.5	68.2	-22.7	Peak	Vertical
	11421.0	48.9	-1.5	47.4	74.0	-26.6	Peak	Vertical
*	14175.0	46.9	3.7	50.6	68.2	-17.6	Peak	Vertical
	15484.0	46.2	4.5	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10086.5	48.0	-1.6	46.4	68.2	-21.8	Peak	Horizontal
	11191.5	48.5	-1.7	46.8	74.0	-27.2	Peak	Horizontal
*	14175.0	46.3	3.7	50.0	68.2	-18.2	Peak	Horizontal
	15909.0	44.3	5.2	49.5	74.0	-24.5	Peak	Horizontal
*	10316.0	47.9	-1.1	46.8	68.2	-21.4	Peak	Vertical
	11905.5	49.2	-1.8	47.4	74.0	-26.6	Peak	Vertical
*	14251.5	47.8	3.0	50.8	68.2	-17.4	Peak	Vertical
	15858.0	46.2	4.5	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10503.0	47.0	-1.3	45.7	68.2	-22.5	Peak	Horizontal
	11710.0	48.2	-1.6	46.6	74.0	-27.4	Peak	Horizontal
*	13869.0	47.5	2.5	50.0	68.2	-18.2	Peak	Horizontal
	15501.0	44.7	4.3	49.0	74.0	-25.0	Peak	Horizontal
*	9950.5	48.0	-1.6	46.4	68.2	-21.8	Peak	Vertical
	11540.0	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
*	13826.5	47.4	2.2	49.6	68.2	-18.6	Peak	Vertical
	15467.0	45.3	4.6	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10086.5	46.2	-1.6	44.6	68.2	-23.6	Peak	Horizontal
	11718.5	47.8	-1.7	46.1	74.0	-27.9	Peak	Horizontal
*	14039.0	46.1	2.7	48.8	68.2	-19.4	Peak	Horizontal
	15484.0	44.8	4.5	49.3	74.0	-24.7	Peak	Horizontal
*	10154.5	47.0	-1.6	45.4	68.2	-22.8	Peak	Vertical
	11744.0	47.6	-1.8	45.8	74.0	-28.2	Peak	Vertical
*	13784.0	46.0	2.1	48.1	68.2	-20.1	Peak	Vertical
	15934.5	45.6	4.7	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10205.5	46.9	-1.6	45.3	68.2	-22.9	Peak	Horizontal
	11497.5	47.9	-1.7	46.2	74.0	-27.8	Peak	Horizontal
*	14056.0	46.1	3.0	49.1	68.2	-19.1	Peak	Horizontal
	15773.0	44.7	4.9	49.6	74.0	-24.4	Peak	Horizontal
*	9848.5	47.3	-1.8	45.5	68.2	-22.7	Peak	Vertical
	11438.0	47.3	-1.4	45.9	74.0	-28.1	Peak	Vertical
*	13835.0	46.5	2.4	48.9	68.2	-19.3	Peak	Vertical
	15586.0	44.5	4.5	49.0	74.0	-25.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	47.5	-1.5	46.0	68.2	-22.2	Peak	Horizontal
	11948.0	47.4	-1.6	45.8	74.0	-28.2	Peak	Horizontal
*	14175.0	46.2	3.7	49.9	68.2	-18.3	Peak	Horizontal
	15679.5	45.3	4.7	50.0	74.0	-24.0	Peak	Horizontal
*	9763.5	47.7	-2.0	45.7	68.2	-22.5	Peak	Vertical
	11310.5	48.1	-1.6	46.5	74.0	-27.5	Peak	Vertical
*	14073.0	45.9	2.9	48.8	68.2	-19.4	Peak	Vertical
	15696.5	45.2	4.9	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9746.5	47.4	-2.1	45.3	68.2	-22.9	Peak	Horizontal
	11259.5	48.3	-1.7	46.6	74.0	-27.4	Peak	Horizontal
*	14175.0	45.4	3.7	49.1	68.2	-19.1	Peak	Horizontal
	15764.5	45.8	4.6	50.4	74.0	-23.6	Peak	Horizontal
*	10061.0	47.5	-1.5	46.0	68.2	-22.2	Peak	Vertical
	11880.0	47.9	-1.8	46.1	74.0	-27.9	Peak	Vertical
*	13554.5	48.7	0.5	49.2	68.2	-19.0	Peak	Vertical
	15586.0	44.8	4.5	49.3	74.0	-24.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9967.5	46.9	-1.6	45.3	68.2	-22.9	Peak	Horizontal
	11455.0	47.8	-1.5	46.3	74.0	-27.7	Peak	Horizontal
*	14175.0	45.7	3.7	49.4	68.2	-18.8	Peak	Horizontal
	15560.5	44.9	4.6	49.5	74.0	-24.5	Peak	Horizontal
*	9950.5	48.2	-1.6	46.6	68.2	-21.6	Peak	Vertical
	11191.5	48.8	-1.7	47.1	74.0	-26.9	Peak	Vertical
*	14209.0	47.1	3.0	50.1	68.2	-18.1	Peak	Vertical
	15586.0	45.6	4.5	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	46.4	-1.5	44.9	68.2	-23.3	Peak	Horizontal
	11149.0	48.9	-1.4	47.5	74.0	-26.5	Peak	Horizontal
*	13673.5	48.3	1.3	49.6	68.2	-18.6	Peak	Horizontal
	15560.5	45.6	4.6	50.2	74.0	-23.8	Peak	Horizontal
*	9984.5	47.1	-1.5	45.6	68.2	-22.6	Peak	Vertical
	11336.0	47.7	-1.4	46.3	74.0	-27.7	Peak	Vertical
*	14149.5	46.4	3.0	49.4	68.2	-18.8	Peak	Vertical
	15977.0	45.0	5.0	50.0	74.0	-24.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10443.5	47.2	-1.4	45.8	68.2	-22.4	Peak	Horizontal
	11735.5	48.3	-1.8	46.5	74.0	-27.5	Peak	Horizontal
*	14141.0	46.4	2.9	49.3	68.2	-18.9	Peak	Horizontal
	15764.5	45.3	4.6	49.9	74.0	-24.1	Peak	Horizontal
*	9823.0	47.5	-1.9	45.6	68.2	-22.6	Peak	Vertical
	11905.5	47.5	-1.8	45.7	74.0	-28.3	Peak	Vertical
*	13631.0	46.6	1.1	47.7	68.2	-20.5	Peak	Vertical
	15773.0	44.9	4.9	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10290.5	47.0	-1.3	45.7	68.2	-22.5	Peak	Horizontal
	11803.5	47.9	-1.9	46.0	74.0	-28.0	Peak	Horizontal
*	13758.5	46.6	2.1	48.7	68.2	-19.5	Peak	Horizontal
	15858.0	45.1	4.5	49.6	74.0	-24.4	Peak	Horizontal
*	10069.5	46.5	-1.5	45.0	68.2	-23.2	Peak	Vertical
	11761.0	47.7	-1.8	45.9	74.0	-28.1	Peak	Vertical
*	14175.0	45.3	3.7	49.0	68.2	-19.2	Peak	Vertical
	15773.0	45.3	4.9	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-27	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	46.9	-1.7	45.2	68.2	-23.0	Peak	Horizontal
	10817.5	48.0	-1.5	46.5	74.0	-27.5	Peak	Horizontal
*	13971.0	46.9	2.6	49.5	68.2	-18.7	Peak	Horizontal
	15866.5	45.1	4.8	49.9	74.0	-24.1	Peak	Horizontal
*	9840.0	47.6	-1.9	45.7	68.2	-22.5	Peak	Vertical
	11446.5	47.1	-1.5	45.6	74.0	-28.4	Peak	Vertical
*	14149.5	46.3	3.0	49.3	68.2	-18.9	Peak	Vertical
	15671.0	45.0	4.6	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	49.2	-1.5	47.7	68.2	-20.5	Peak	Horizontal
	12262.5	49.4	-1.7	47.7	74.0	-26.3	Peak	Horizontal
*	14166.5	46.3	3.4	49.7	68.2	-18.5	Peak	Horizontal
	15467.0	45.9	4.6	50.5	74.0	-23.5	Peak	Horizontal
*	9967.5	47.8	-1.6	46.2	68.2	-22.0	Peak	Vertical
	12050.0	49.0	-1.7	47.3	74.0	-26.7	Peak	Vertical
*	14064.5	46.8	2.9	49.7	68.2	-18.5	Peak	Vertical
	15866.5	46.1	4.8	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	48.8	-1.7	47.1	68.2	-21.1	Peak	Horizontal
	12211.5	48.7	-1.7	47.0	74.0	-27.0	Peak	Horizontal
*	13835.0	46.8	2.4	49.2	68.2	-19.0	Peak	Horizontal
	15713.5	45.8	4.8	50.6	74.0	-23.4	Peak	Horizontal
*	10528.5	47.8	-1.3	46.5	68.2	-21.7	Peak	Vertical
	12271.0	49.5	-1.8	47.7	74.0	-26.3	Peak	Vertical
*	14217.5	46.6	3.0	49.6	68.2	-18.6	Peak	Vertical
	15458.5	46.6	4.3	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10222.5	47.0	-1.5	45.5	68.2	-22.7	Peak	Horizontal
	11897.0	47.8	-1.7	46.1	74.0	-27.9	Peak	Horizontal
*	14175.0	46.2	3.7	49.9	68.2	-18.3	Peak	Horizontal
	15679.5	45.6	4.7	50.3	74.0	-23.7	Peak	Horizontal
*	9806.0	48.7	-2.0	46.7	68.2	-21.5	Peak	Vertical
	11455.0	47.4	-1.5	45.9	74.0	-28.1	Peak	Vertical
*	13571.5	47.6	0.5	48.1	68.2	-20.1	Peak	Vertical
	15781.5	44.8	5.0	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10078.0	47.1	-1.6	45.5	68.2	-22.7	Peak	Horizontal
	11693.0	47.4	-1.6	45.8	74.0	-28.2	Peak	Horizontal
*	13869.0	46.3	2.5	48.8	68.2	-19.4	Peak	Horizontal
	15577.5	45.5	4.6	50.1	74.0	-23.9	Peak	Horizontal
*	10052.5	46.9	-1.6	45.3	68.2	-22.9	Peak	Vertical
	12330.5	48.3	-1.6	46.7	74.0	-27.3	Peak	Vertical
*	14251.5	46.3	3.0	49.3	68.2	-18.9	Peak	Vertical
	15696.5	44.4	4.9	49.3	74.0	-24.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10146.0	48.2	-1.6	46.6	68.2	-21.6	Peak	Horizontal
	11523.0	48.0	-1.5	46.5	74.0	-27.5	Peak	Horizontal
*	14175.0	46.3	3.7	50.0	68.2	-18.2	Peak	Horizontal
	15696.5	45.2	4.9	50.1	74.0	-23.9	Peak	Horizontal
*	10460.5	46.7	-1.4	45.3	68.2	-22.9	Peak	Vertical
	11871.5	48.3	-1.9	46.4	74.0	-27.6	Peak	Vertical
*	13767.0	46.7	2.1	48.8	68.2	-19.4	Peak	Vertical
	16164.0	45.7	5.1	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9967.5	47.0	-1.6	45.4	68.2	-22.8	Peak	Horizontal
	12143.5	48.8	-1.7	47.1	74.0	-26.9	Peak	Horizontal
*	13852.0	45.7	2.4	48.1	68.2	-20.1	Peak	Horizontal
	15781.5	44.7	5.0	49.7	74.0	-24.3	Peak	Horizontal
*	9806.0	47.3	-2.0	45.3	68.2	-22.9	Peak	Vertical
	11472.0	47.5	-1.6	45.9	74.0	-28.1	Peak	Vertical
*	14158.0	46.6	3.1	49.7	68.2	-18.5	Peak	Vertical
	15764.5	45.2	4.6	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9831.5	48.0	-1.9	46.1	68.2	-22.1	Peak	Horizontal
	11429.5	47.7	-1.5	46.2	74.0	-27.8	Peak	Horizontal
*	14175.0	45.9	3.7	49.6	68.2	-18.6	Peak	Horizontal
	16002.5	44.5	5.3	49.8	74.0	-24.2	Peak	Horizontal
*	10248.0	47.5	-1.5	46.0	68.2	-22.2	Peak	Vertical
	11795.0	48.0	-2.0	46.0	74.0	-28.0	Peak	Vertical
*	13733.0	47.3	1.8	49.1	68.2	-19.1	Peak	Vertical
	15696.5	44.8	4.9	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10528.5	47.2	-1.3	45.9	68.2	-22.3	Peak	Horizontal
	11897.0	48.0	-1.7	46.3	74.0	-27.7	Peak	Horizontal
*	13945.5	46.6	2.3	48.9	68.2	-19.3	Peak	Horizontal
	16002.5	45.0	5.3	50.3	74.0	-23.7	Peak	Horizontal
*	10392.5	47.3	-1.4	45.9	68.2	-22.3	Peak	Vertical
	11982.0	47.7	-1.8	45.9	74.0	-28.1	Peak	Vertical
*	13843.5	46.6	2.4	49.0	68.2	-19.2	Peak	Vertical
	15883.5	44.9	5.1	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10205.5	47.0	-1.6	45.4	68.2	-22.8	Peak	Horizontal
	11251.0	47.5	-1.7	45.8	74.0	-28.2	Peak	Horizontal
*	14175.0	46.1	3.7	49.8	68.2	-18.4	Peak	Horizontal
	15790.0	44.6	5.0	49.6	74.0	-24.4	Peak	Horizontal
*	10044.0	46.7	-1.8	44.9	68.2	-23.3	Peak	Vertical
	11327.5	47.8	-1.5	46.3	74.0	-27.7	Peak	Vertical
*	14175.0	44.7	3.7	48.4	68.2	-19.8	Peak	Vertical
	15679.5	44.9	4.7	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9636.0	48.6	-2.2	46.4	68.2	-21.8	Peak	Horizontal
	11455.0	48.5	-1.5	47.0	74.0	-27.0	Peak	Horizontal
*	13741.5	47.2	1.9	49.1	68.2	-19.1	Peak	Horizontal
	16164.0	45.2	5.1	50.3	74.0	-23.7	Peak	Horizontal
*	10129.0	47.7	-1.4	46.3	68.2	-21.9	Peak	Vertical
	11710.0	47.9	-1.6	46.3	74.0	-27.7	Peak	Vertical
*	14183.5	46.8	3.2	50.0	68.2	-18.2	Peak	Vertical
	15586.0	45.1	4.5	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-30	Test Mode	802.11ax-HE80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10137.5	48.2	-1.5	46.7	68.2	-21.5	Peak	Horizontal
	11344.5	48.5	-1.5	47.0	74.0	-27.0	Peak	Horizontal
*	14141.0	47.1	2.9	50.0	68.2	-18.2	Peak	Horizontal
	15467.0	45.8	4.6	50.4	74.0	-23.6	Peak	Horizontal
*	10120.5	47.7	-1.5	46.2	68.2	-22.0	Peak	Vertical
	11676.0	49.0	-1.7	47.3	74.0	-26.7	Peak	Vertical
*	13877.5	47.0	2.5	49.5	68.2	-18.7	Peak	Vertical
	15475.5	45.9	4.5	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10103.5	47.4	-1.6	45.8	68.2	-22.4	Peak	Horizontal
	11242.5	47.5	-1.6	45.9	74.0	-28.1	Peak	Horizontal
*	14115.5	46.8	2.9	49.7	68.2	-18.5	Peak	Horizontal
	15594.5	46.0	4.2	50.2	74.0	-23.8	Peak	Horizontal
*	10307.5	47.7	-1.2	46.5	68.2	-21.7	Peak	Vertical
	12050.0	48.8	-1.7	47.1	74.0	-26.9	Peak	Vertical
*	14047.5	47.1	2.8	49.9	68.2	-18.3	Peak	Vertical
	15671.0	46.0	4.6	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10562.5	48.2	-1.6	46.6	68.2	-21.6	Peak	Horizontal
	11344.5	47.8	-1.5	46.3	74.0	-27.7	Peak	Horizontal
*	14175.0	46.7	3.7	50.4	68.2	-17.8	Peak	Horizontal
	15671.0	46.4	4.6	51.0	74.0	-23.0	Peak	Horizontal
*	10324.5	47.2	-1.2	46.0	68.2	-22.2	Peak	Vertical
	11506.0	48.8	-1.7	47.1	74.0	-26.9	Peak	Vertical
*	14166.5	46.2	3.4	49.6	68.2	-18.6	Peak	Vertical
	15773.0	45.4	4.9	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10069.5	47.0	-1.5	45.5	68.2	-22.7	Peak	Horizontal
	12432.5	48.0	-1.2	46.8	74.0	-27.2	Peak	Horizontal
*	14141.0	46.4	2.9	49.3	68.2	-18.9	Peak	Horizontal
	15662.5	45.7	4.3	50.0	74.0	-24.0	Peak	Horizontal
*	9806.0	48.1	-2.0	46.1	68.2	-22.1	Peak	Vertical
	11591.0	48.6	-1.7	46.9	74.0	-27.1	Peak	Vertical
*	14141.0	46.1	2.9	49.0	68.2	-19.2	Peak	Vertical
	15994.0	45.6	5.4	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10052.5	47.7	-1.6	46.1	68.2	-22.1	Peak	Horizontal
	11523.0	48.1	-1.5	46.6	74.0	-27.4	Peak	Horizontal
*	14158.0	46.3	3.1	49.4	68.2	-18.8	Peak	Horizontal
	15586.0	45.1	4.5	49.6	74.0	-24.4	Peak	Horizontal
*	10443.5	47.1	-1.4	45.7	68.2	-22.5	Peak	Vertical
	11463.5	47.4	-1.6	45.8	74.0	-28.2	Peak	Vertical
*	14217.5	46.3	3.0	49.3	68.2	-18.9	Peak	Vertical
	15577.5	44.8	4.6	49.4	74.0	-24.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10231.0	47.4	-1.4	46.0	68.2	-22.2	Peak	Horizontal
	11344.5	47.6	-1.5	46.1	74.0	-27.9	Peak	Horizontal
*	13784.0	47.4	2.1	49.5	68.2	-18.7	Peak	Horizontal
	15773.0	45.3	4.9	50.2	74.0	-23.8	Peak	Horizontal
*	10061.0	47.6	-1.5	46.1	68.2	-22.1	Peak	Vertical
	11905.5	48.6	-1.8	46.8	74.0	-27.2	Peak	Vertical
*	14158.0	46.8	3.1	49.9	68.2	-18.3	Peak	Vertical
	15705.0	44.7	4.9	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10214.0	47.2	-1.6	45.6	68.2	-22.6	Peak	Horizontal
	11259.5	48.4	-1.7	46.7	74.0	-27.3	Peak	Horizontal
*	14217.5	46.8	3.0	49.8	68.2	-18.4	Peak	Horizontal
	15705.0	45.3	4.9	50.2	74.0	-23.8	Peak	Horizontal
*	10426.5	47.3	-1.4	45.9	68.2	-22.3	Peak	Vertical
	11642.0	47.9	-1.7	46.2	74.0	-27.8	Peak	Vertical
*	13852.0	47.2	2.4	49.6	68.2	-18.6	Peak	Vertical
	15705.0	45.5	4.9	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-11-28	Test Mode	802.11ax-HE160 – Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10290.5	47.2	-1.3	45.9	68.2	-22.3	Peak	Horizontal
	11514.5	47.8	-1.6	46.2	74.0	-27.8	Peak	Horizontal
*	13860.5	47.0	2.4	49.4	68.2	-18.8	Peak	Horizontal
	15671.0	45.1	4.6	49.7	74.0	-24.3	Peak	Horizontal
*	10248.0	47.4	-1.5	45.9	68.2	-22.3	Peak	Vertical
	11701.5	48.1	-1.6	46.5	74.0	-27.5	Peak	Vertical
*	14183.5	47.0	3.2	50.2	68.2	-18.0	Peak	Vertical
	15586.0	45.4	4.5	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

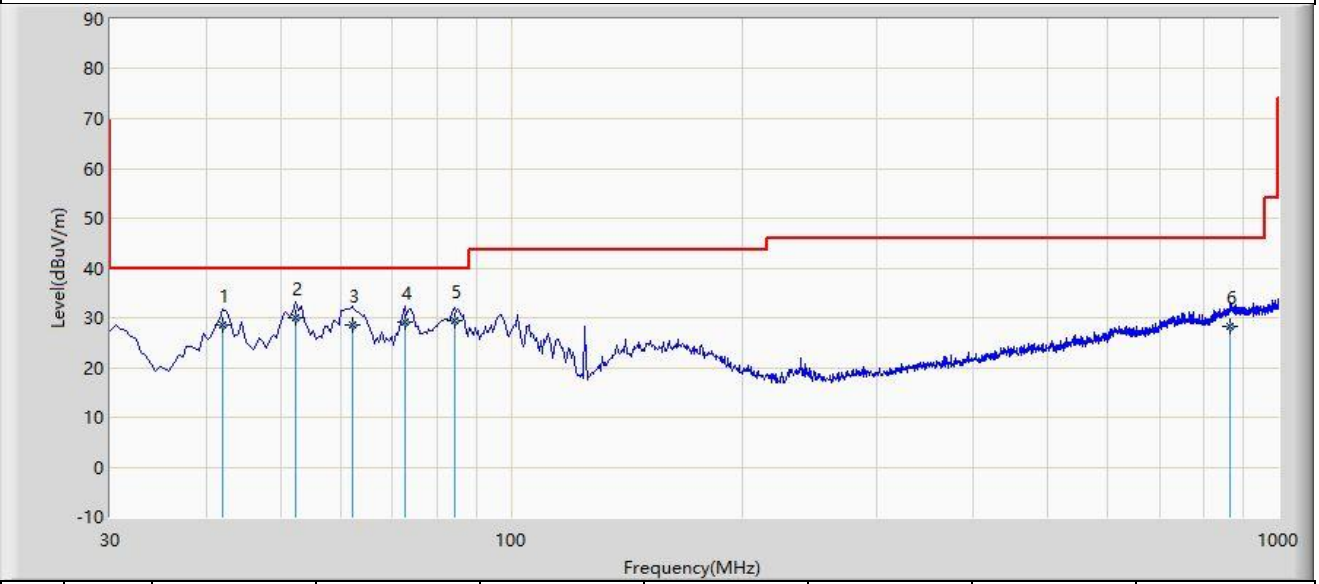
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

The Result of Radiated Emission below 1GHz:

L23UGSR-5HaxD2HaxD-US + Omni antenna:

Site: SIP-AC2	Time: 2023-09-22 - 19:25
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00998_25-2000MHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5260MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		42.125	28.514	10.432	-11.486	40.000	18.082	QP
2	*	52.310	30.039	11.652	-9.961	40.000	18.386	QP
3		62.010	28.464	11.029	-11.536	40.000	17.435	QP
4		72.680	29.005	13.287	-10.995	40.000	15.718	QP
5		84.320	29.498	16.432	-10.502	40.000	13.066	QP
6		864.685	28.324	-1.894	-17.676	46.000	30.218	QP

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

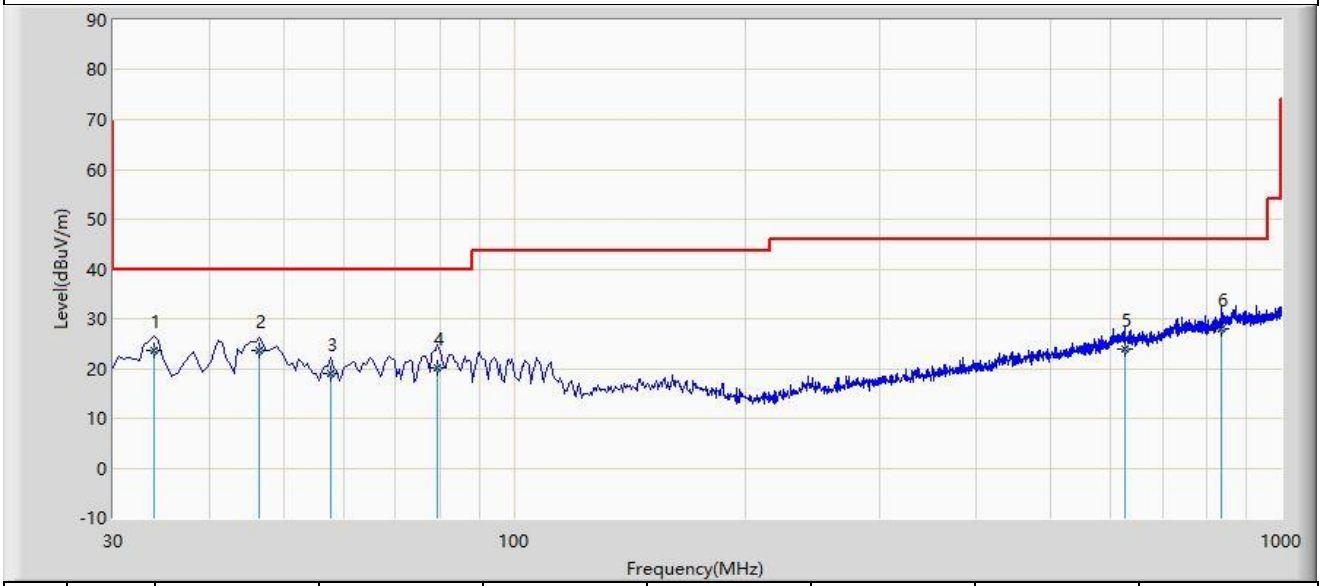
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: SIP-AC2	Time: 2023-09-22 - 20:00
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00998_25-2000MHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5260MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		33.880	23.523	6.542	-16.477	40.000	16.981	QP
2	*	46.490	23.538	5.124	-16.462	40.000	18.414	QP
3		57.645	19.001	1.028	-20.999	40.000	17.973	QP
4		79.470	20.132	6.012	-19.868	40.000	14.120	QP
5		626.065	23.916	-2.847	-22.084	46.000	26.763	QP
6		835.585	28.069	-1.354	-17.931	46.000	29.423	QP

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

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

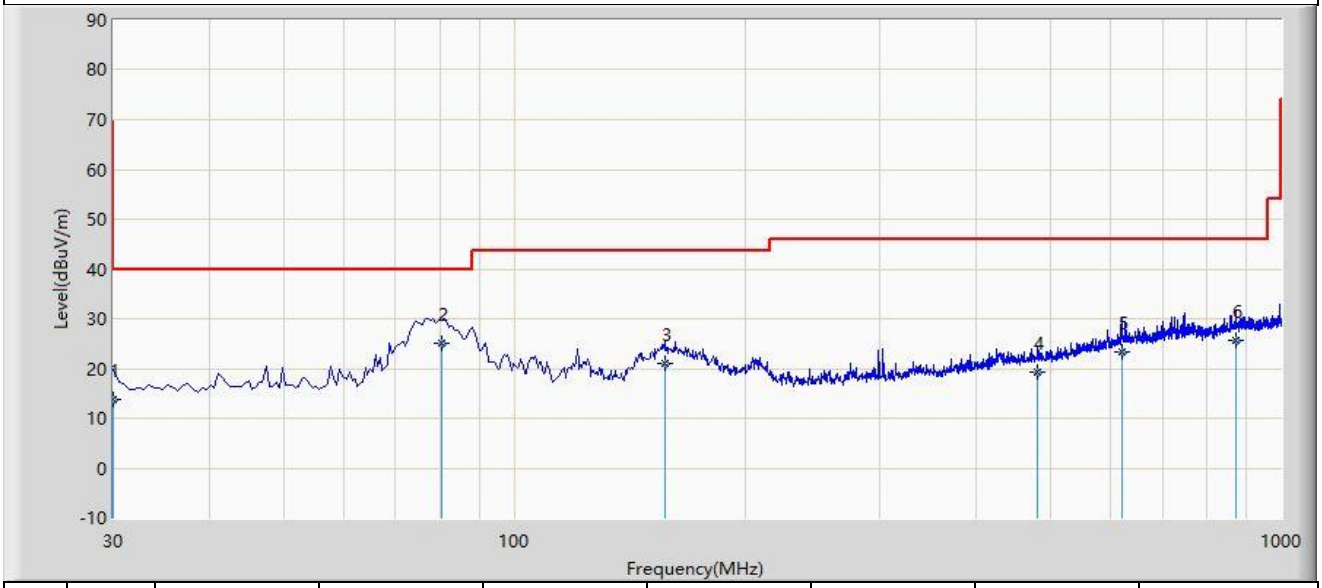
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

L23UGSR-5HaxD2HaxD-US + Sector Antenna:

Site: SIP-AC3	Time: 2023-10-12 - 00:04
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00997_25-2000MHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11ax-HE80 at 5290MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		30.000	13.910	-2.461	-26.090	40.000	16.371	QP
2	*	80.440	24.966	11.645	-15.034	40.000	13.321	QP
3		157.070	20.997	2.879	-22.503	43.500	18.118	QP
4		481.535	19.192	-3.741	-26.808	46.000	22.933	QP
5		619.275	23.336	-2.724	-22.664	46.000	26.060	QP
6		871.960	25.593	-3.545	-20.407	46.000	29.138	QP

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

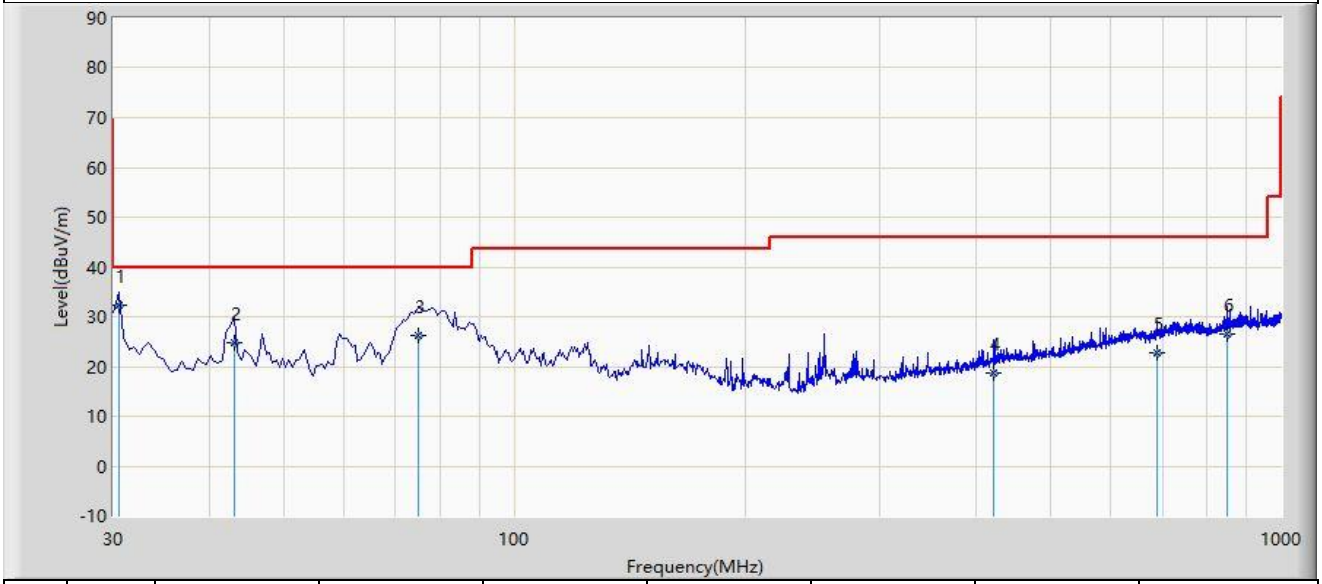
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: SIP-AC3	Time: 2023-10-12 - 00:07
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00997_25-2000MHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11ax-HE80 at 5290MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	30.485	32.181	15.754	-7.819	40.000	16.427	QP
2		43.095	24.898	7.124	-15.102	40.000	17.774	QP
3		75.105	26.111	11.698	-13.889	40.000	14.413	QP
4		422.365	18.733	-2.741	-27.267	46.000	21.473	QP
5		689.600	22.701	-3.784	-23.299	46.000	26.485	QP
6		851.590	26.546	-2.412	-19.454	46.000	28.958	QP

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

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

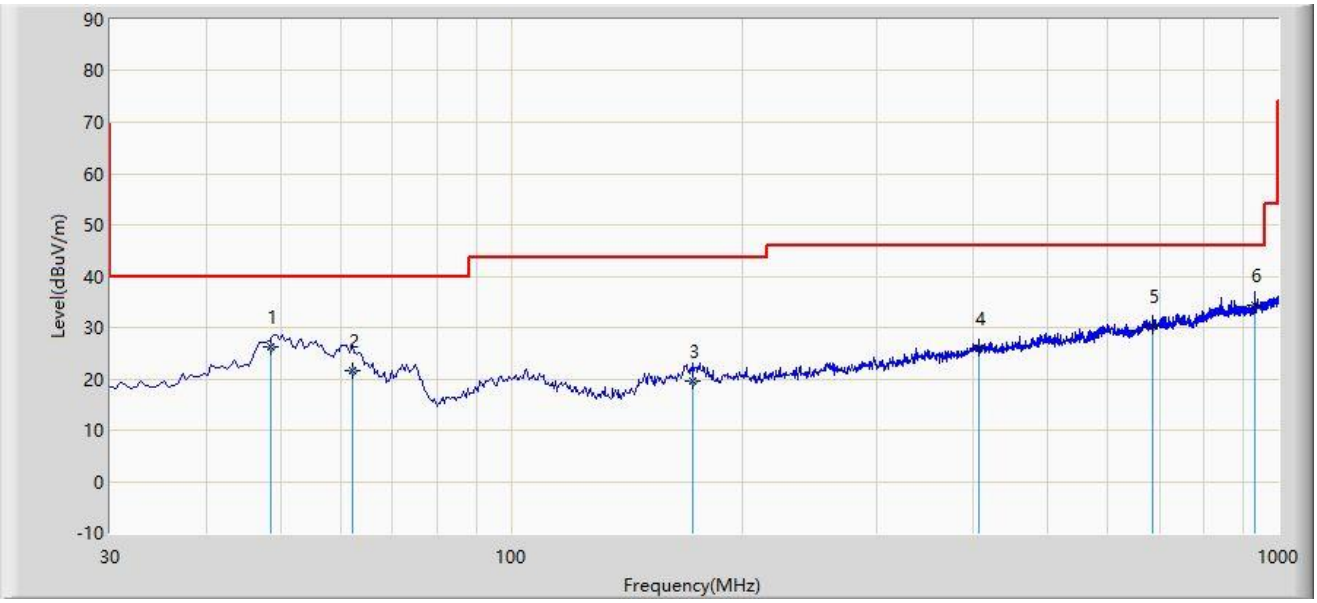
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

L23UGSR-5HaxD2HaxD-NM-US + Omni antenna:

Site: WZ-AC2	Time: 2024-02-02 - 16:09
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: VULB9162_30-7000MHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		48.600	26.160	5.600	-13.840	40.000	20.560	QP
2		62.010	21.603	2.800	-18.397	40.000	18.803	QP
3		172.590	19.653	3.400	-23.847	43.500	16.253	QP
4		406.360	25.829	2.100	-20.171	46.000	23.729	QP
5		685.720	30.301	1.600	-15.699	46.000	28.701	QP
6	*	933.555	34.386	3.100	-11.614	46.000	31.286	QP

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

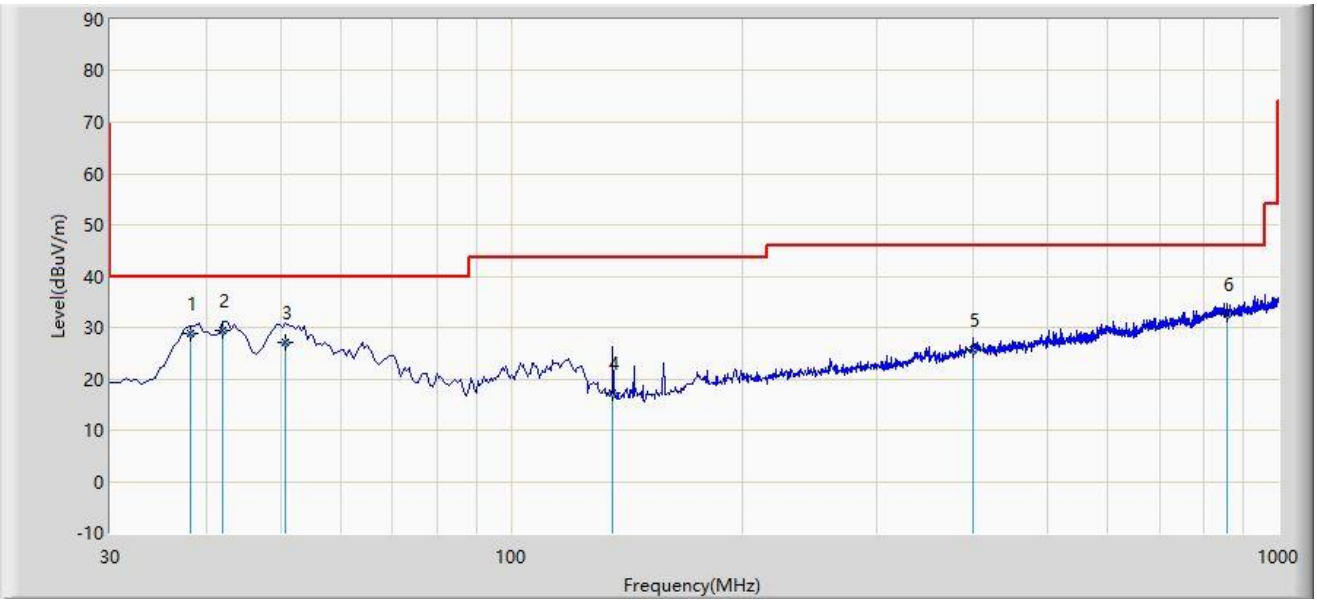
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: WZ-AC2	Time: 2024-02-02 - 16:12
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: VULB9162_30-7000MHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		38.245	28.868	10.400	-11.132	40.000	18.468	QP
2	*	42.125	29.322	9.600	-10.678	40.000	19.723	QP
3		50.855	27.187	6.700	-12.813	40.000	20.487	QP
4		135.730	17.131	1.900	-26.369	43.500	15.231	QP
5		400.540	25.753	2.200	-20.247	46.000	23.553	QP
6		855.955	32.559	1.600	-13.441	46.000	30.959	QP

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

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

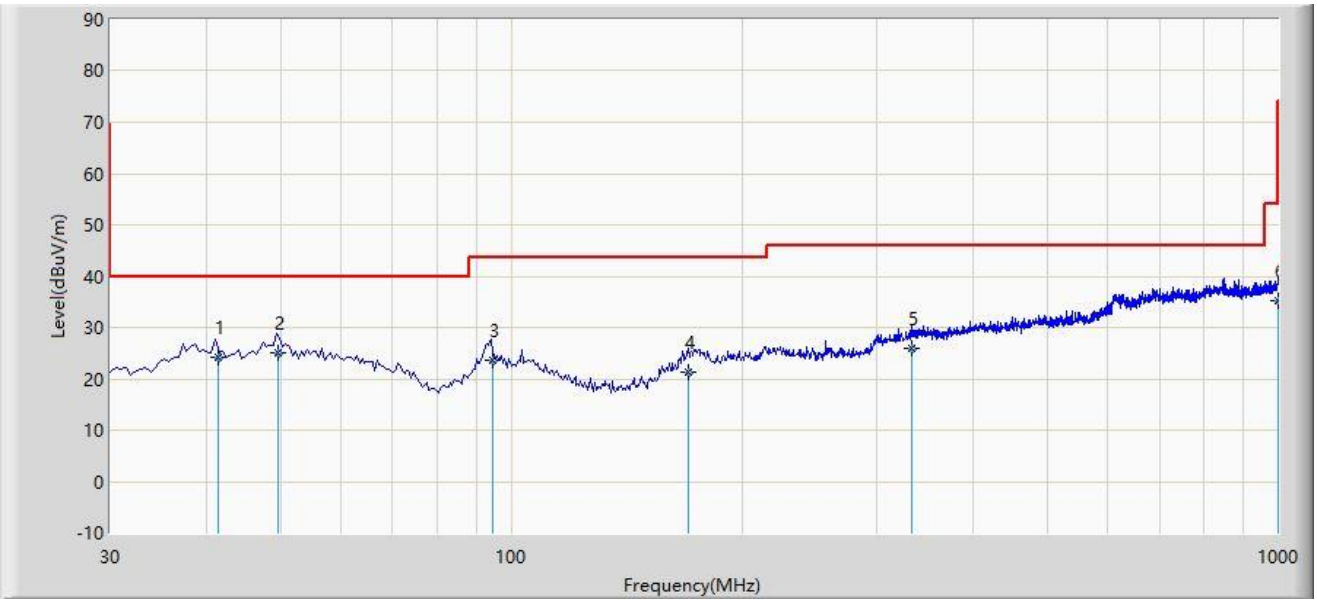
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

L23UGSR-5HaxD2HaxD-NM-US + Sector antenna:

Site: WZ-AC2	Time: 2024-02-02 - 21:42
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: VULB9162_30-7000MHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		41.500	24.273	4.700	-15.727	40.000	19.573	QP
2	*	49.700	25.146	4.600	-14.854	40.000	20.545	QP
3		94.700	23.704	6.100	-19.796	43.500	17.604	QP
4		170.200	21.332	5.200	-22.168	43.500	16.132	QP
5		332.700	25.939	3.800	-20.061	46.000	22.139	QP
6		1000.000	35.317	2.100	-18.683	54.000	33.217	QP

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

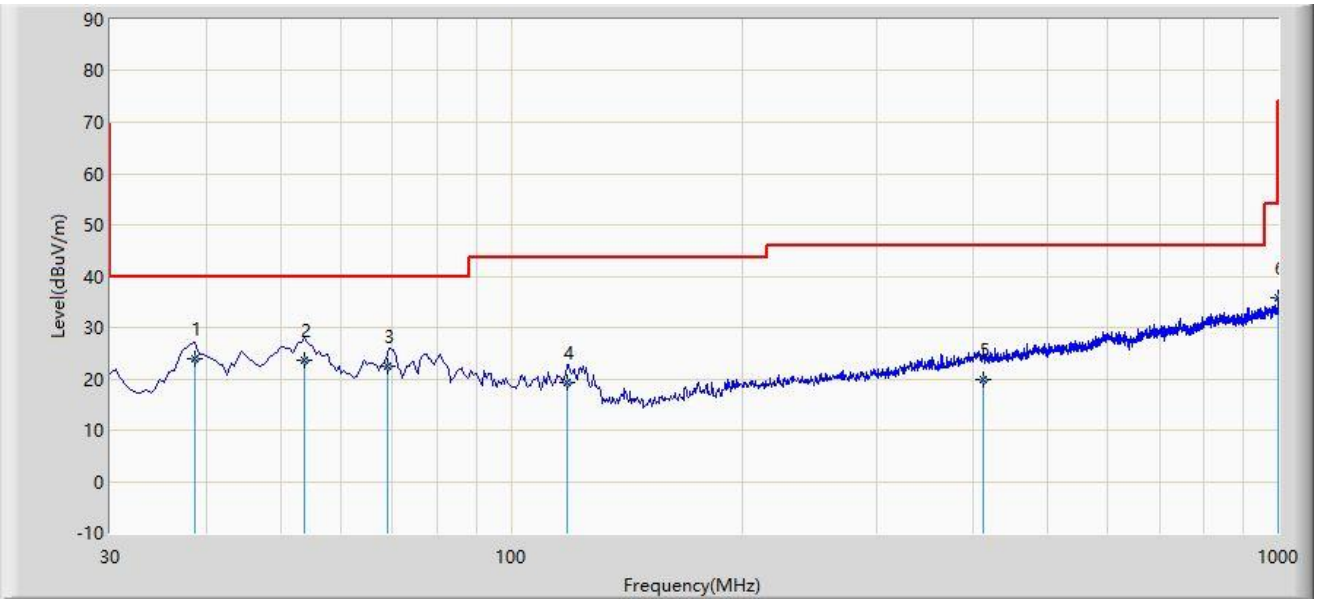
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: WZ-AC2	Time: 2024-02-02 - 21:53
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: VULB9162_30-7000MHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	38.730	23.843	5.200	-16.157	40.000	18.643	QP
2		53.800	23.672	3.400	-16.328	40.000	20.272	QP
3		69.100	22.420	5.800	-17.580	40.000	16.619	QP
4		118.300	19.285	2.300	-24.215	43.500	16.985	QP
5		412.100	19.989	-3.800	-26.011	46.000	23.789	QP
6		1000.000	35.917	2.700	-18.083	54.000	33.217	QP

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

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

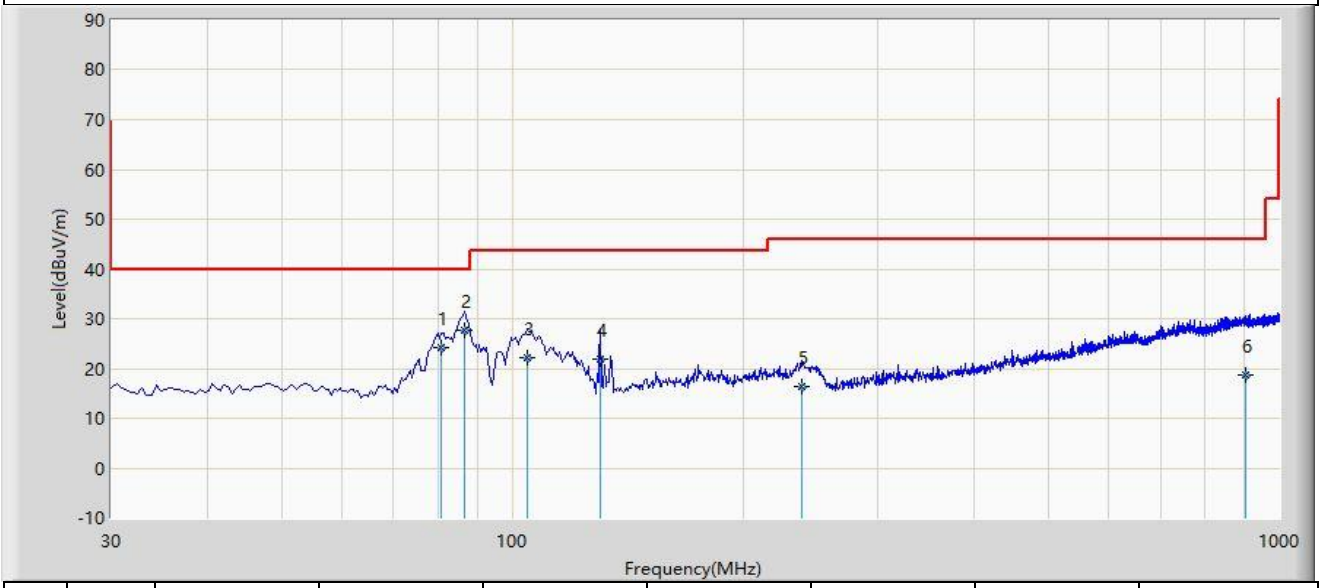
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

L22UGS-5HaxD2HaxD-15S-US:

Site: SIP-AC3	Time: 2023-11-29 - 17:51
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00997_25-2000MHz	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		80.925	24.322	11.100	-15.678	40.000	13.222	QP
2	*	86.745	27.608	15.300	-12.392	40.000	12.308	QP
3		104.690	22.131	7.900	-21.369	43.500	14.231	QP
4		130.065	21.742	5.100	-21.758	43.500	16.642	QP
5		238.065	16.508	0.100	-29.492	46.000	16.409	QP
6		903.000	18.712	-11.000	-27.288	46.000	29.712	QP

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

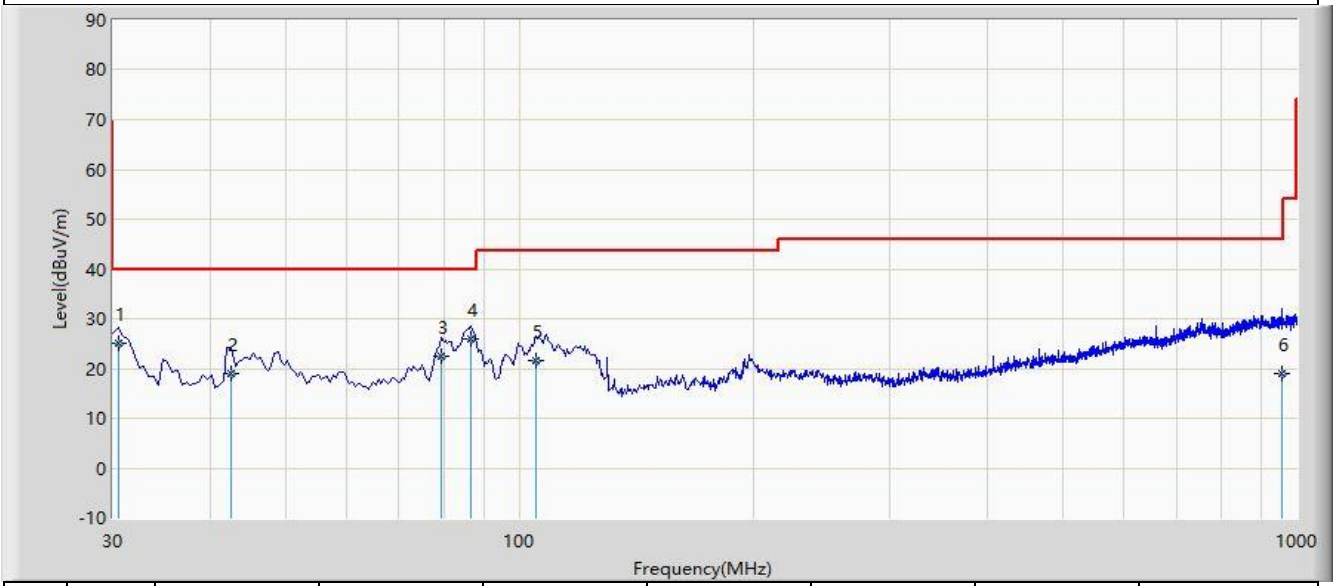
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: SIP-AC3	Time: 2023-11-29 - 17:55
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: VULB 9168_00997_25-2000MHz	Polarity: Vertical
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		30.485	25.027	8.600	-14.973	40.000	16.427	QP
2		42.610	19.034	1.300	-20.966	40.000	17.734	QP
3		79.470	22.422	8.900	-17.578	40.000	13.522	QP
4	*	86.745	25.808	13.500	-14.192	40.000	12.308	QP
5		105.175	21.626	7.300	-21.874	43.500	14.326	QP
6		956.350	19.074	-10.500	-26.926	46.000	29.574	QP

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

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

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

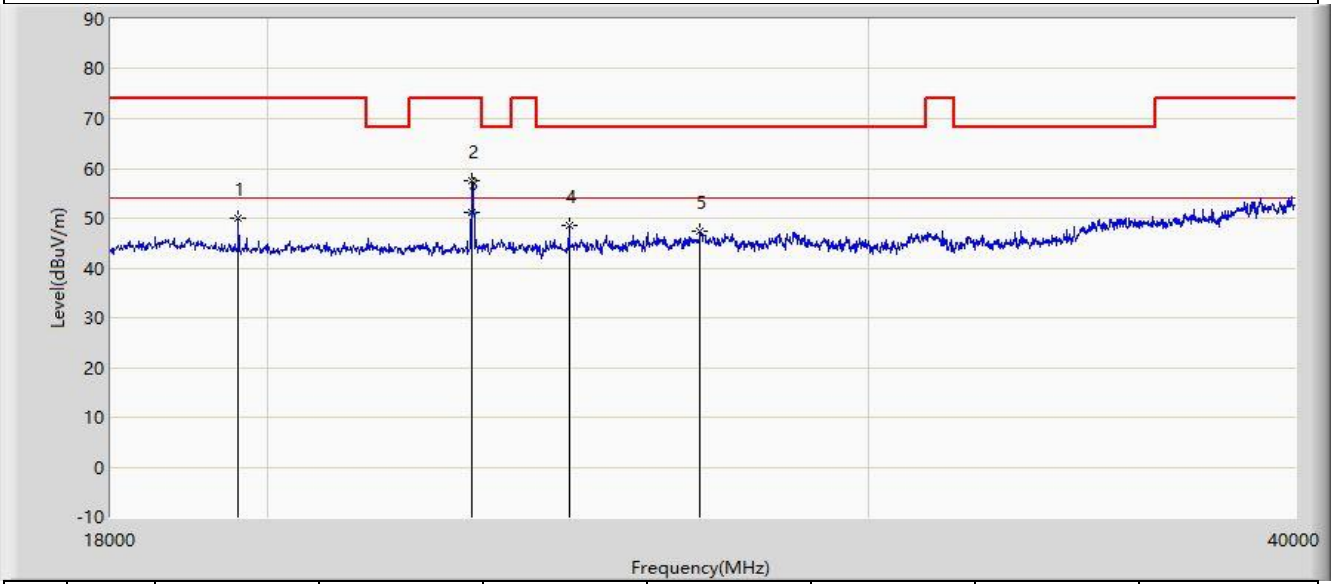
Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

The Result of Radiated Emission above 18GHz:

L23UGSR-5HaxD2HaxD-US + Omni antenna:

Site: WZ-AC2	Time: 2023-12-28 - 11:29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_549_18-40GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5745MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		19617.000	50.063	60.401	-23.937	74.000	-10.338	PK
2		22972.000	57.515	64.812	-16.485	74.000	-7.297	PK
3	*	22972.000	51.030	58.327	-2.970	54.000	-7.297	AV
4		24523.000	48.419	55.783	-19.781	68.200	-7.364	PK
5		26789.000	47.508	53.954	-20.692	68.200	-6.446	PK

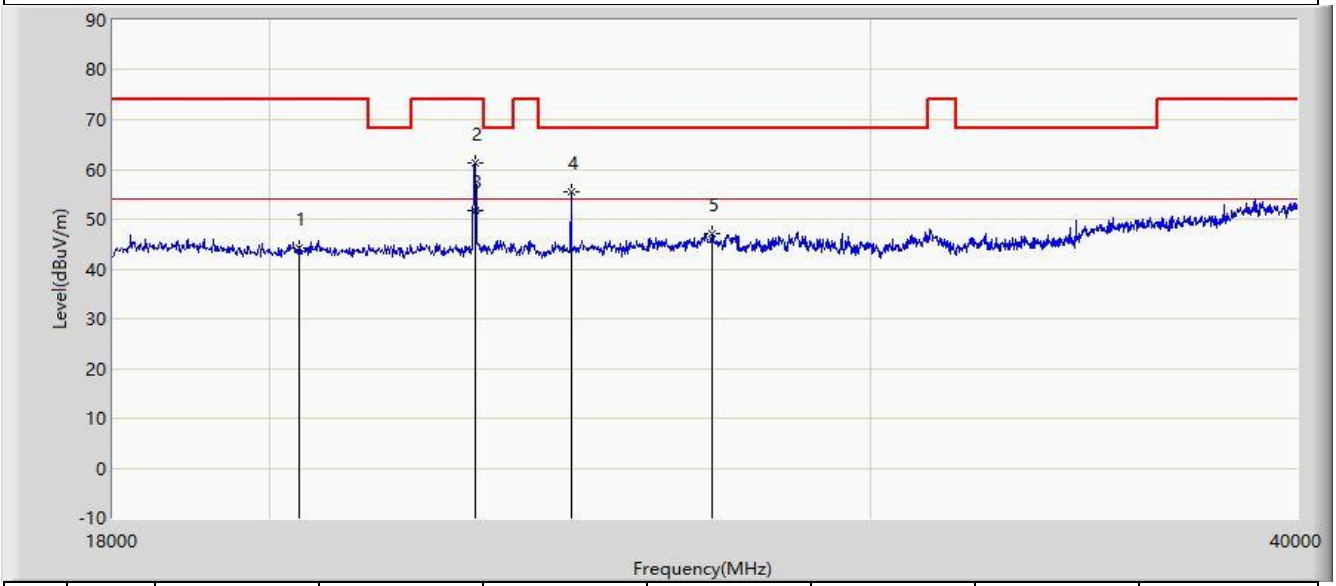
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: WZ-AC2	Time: 2023-12-28 - 11:26
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_549_18-40GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5745MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		20420.000	44.127	53.502	-29.873	74.000	-9.375	PK
2		22983.000	61.419	68.591	-12.581	74.000	-7.172	PK
3	*	22983.000	51.713	58.885	-2.287	54.000	-7.172	AV
4		24523.000	55.606	62.970	-12.594	68.200	-7.364	PK
5		26965.000	47.056	53.572	-21.144	68.200	-6.515	PK

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

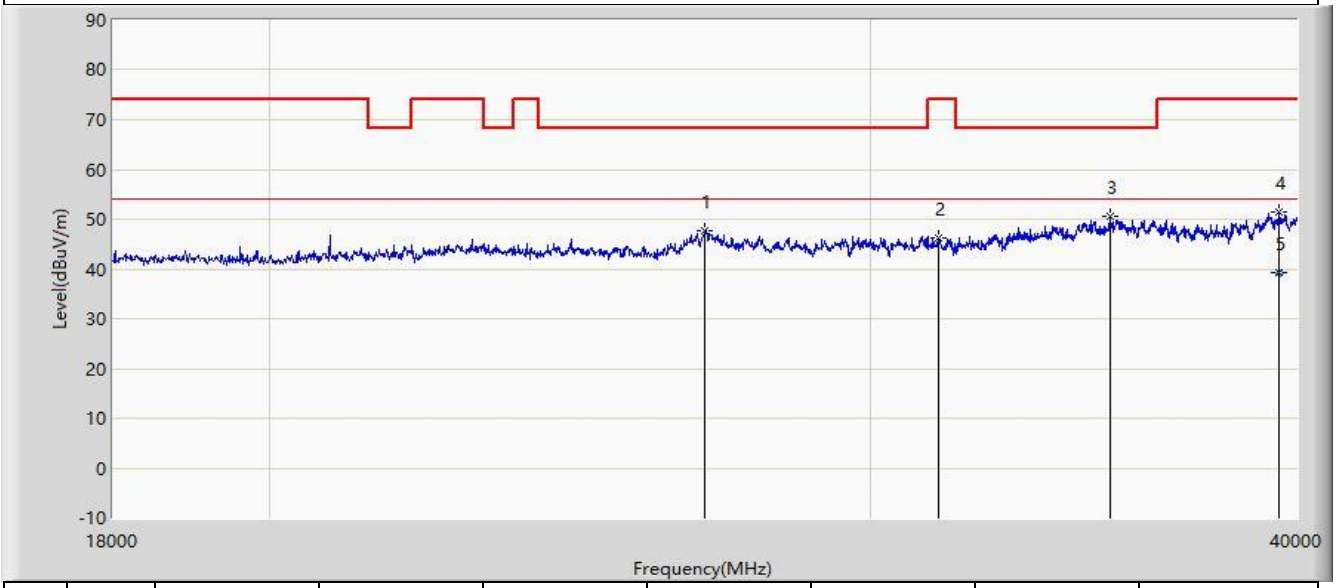
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

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

L23UGSR-5HaxD2HaxD-US + Sector antenna:

Site: SIP-AC3	Time: 2023-10-12 - 23:11
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: BBHA 9170_00935_18-40GHz-AC2	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11ax-HE80 at 5290MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		26844.000	47.637	54.374	-20.563	68.200	-6.737	PK
2		31431.000	46.339	57.440	-27.661	74.000	-11.101	PK
3		35270.000	50.597	56.377	-17.603	68.200	-5.780	PK
4		39527.000	51.578	52.774	-22.422	74.000	-1.196	PK
5	*	39527.000	39.293	40.490	-14.707	54.000	-1.196	AV

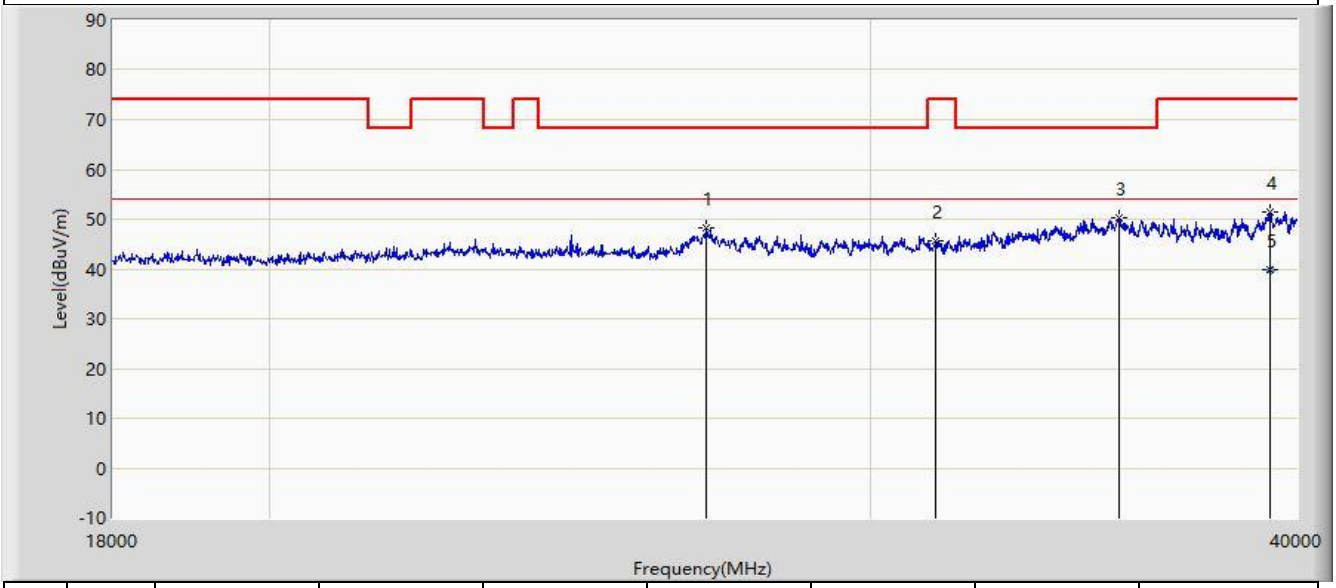
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC3	Time: 2023-10-12 - 23:19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: BBHA 9170_00935_18-40GHz-AC2	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Note: Transmit by 802.11ax-HE80 at 5290MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		26866.000	48.192	54.940	-20.008	68.200	-6.748	PK
2		31365.000	45.549	56.271	-28.451	74.000	-10.722	PK
3		35479.000	50.291	56.567	-17.909	68.200	-6.276	PK
4		39296.000	51.511	52.656	-22.489	74.000	-1.145	PK
5	*	39296.000	39.775	40.920	-14.225	54.000	-1.145	AV

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

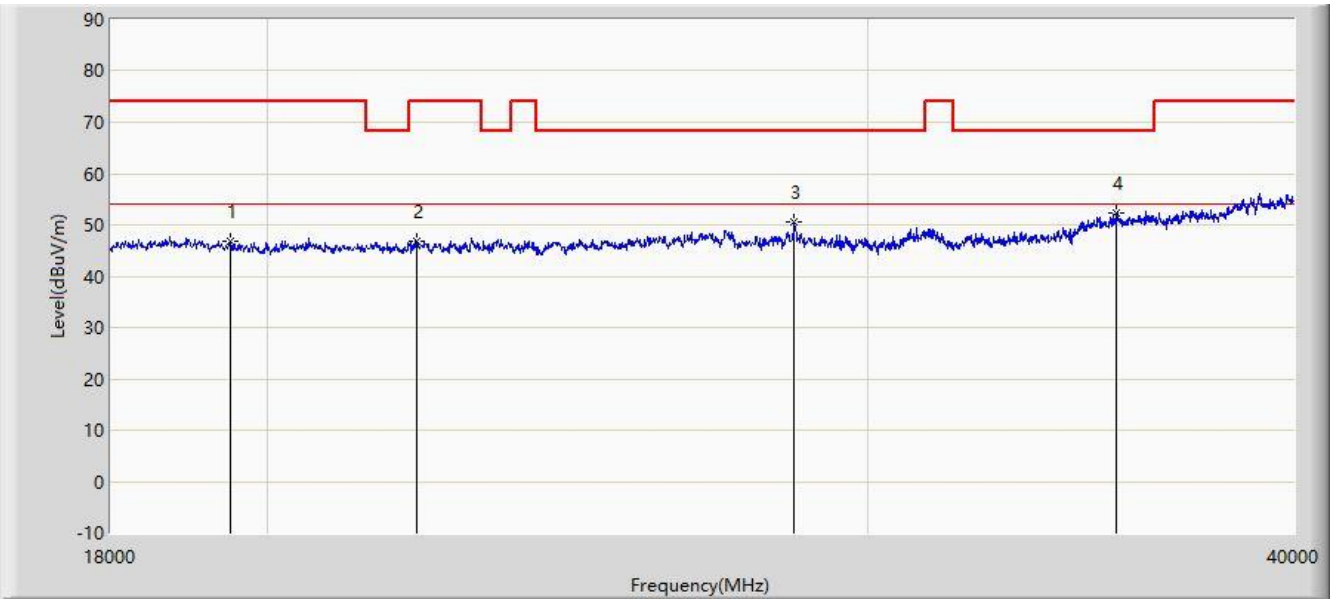
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

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

L23UGSR-5HaxD2HaxD-NM-US + Omni antenna:

Site: WZ-AC2	Time: 2023-12-25 - 18:44
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_549_18-40GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		19507.000	46.681	56.802	-27.319	74.000	-10.122	PK
2		22136.000	46.885	54.582	-27.115	74.000	-7.697	PK
3		28560.000	50.447	57.562	-17.753	68.200	-7.115	PK
4	*	35490.000	52.330	58.849	-15.870	68.200	-6.519	PK

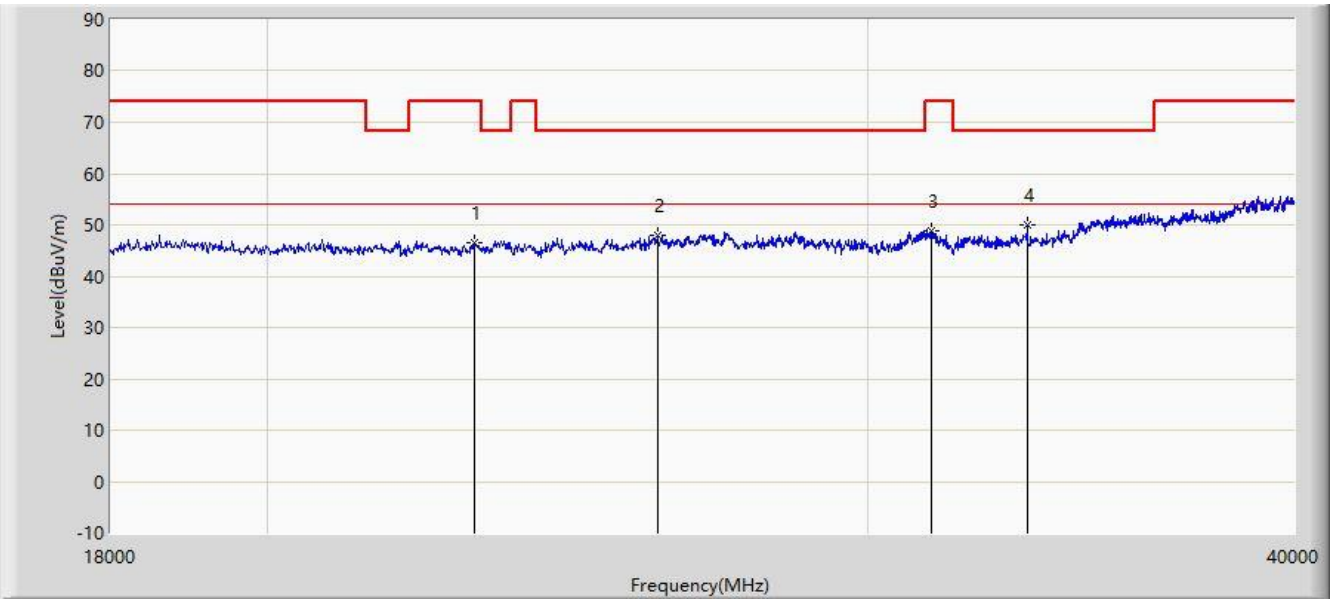
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: WZ-AC2	Time: 2023-12-25 - 18:47
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_549_18-40GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		23005.000	46.474	53.464	-27.526	74.000	-6.991	PK
2		26030.000	47.962	54.475	-20.238	68.200	-6.513	PK
3		31332.000	48.894	55.205	-25.106	74.000	-6.311	PK
4	*	33422.000	50.121	57.546	-18.079	68.200	-7.425	PK

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

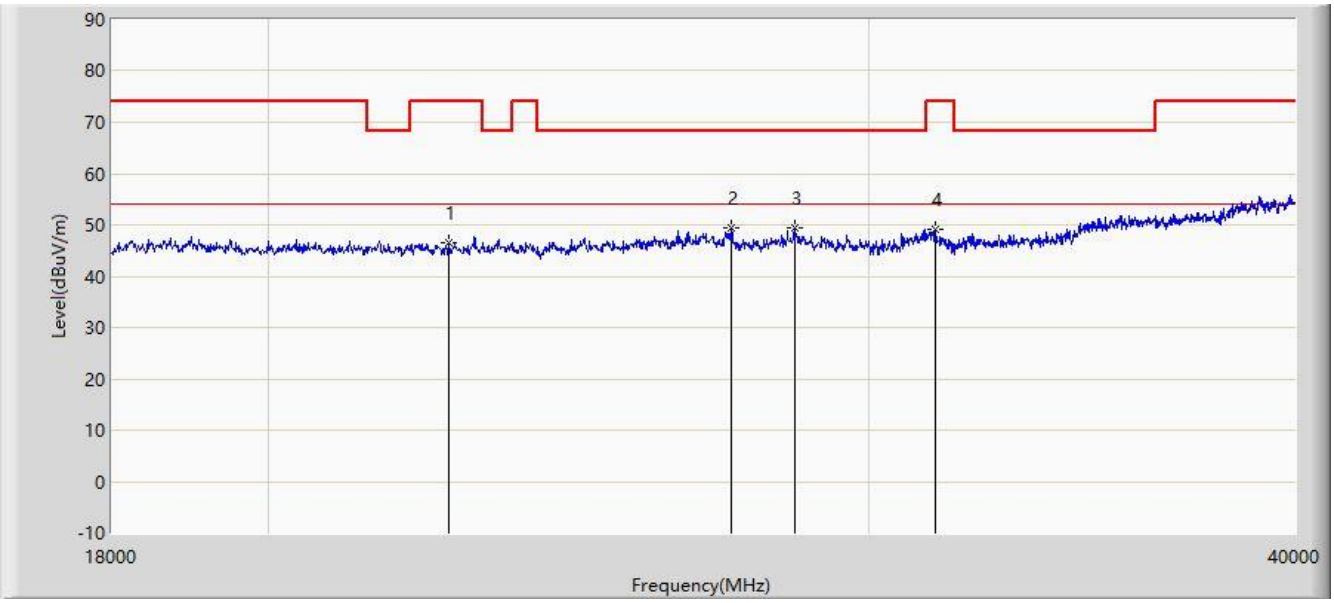
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

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

L23UGSR-5HaxD2HaxD-NM-US + Sector antenna:

Site: WZ-AC2	Time: 2023-12-25 - 18:06
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_549_18-40GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		22598.000	46.651	54.626	-27.349	74.000	-7.975	PK
2		27339.000	49.329	56.300	-18.871	68.200	-6.970	PK
3	*	28549.000	49.491	56.766	-18.709	68.200	-7.275	PK
4		31398.000	49.082	55.592	-24.918	74.000	-6.510	PK

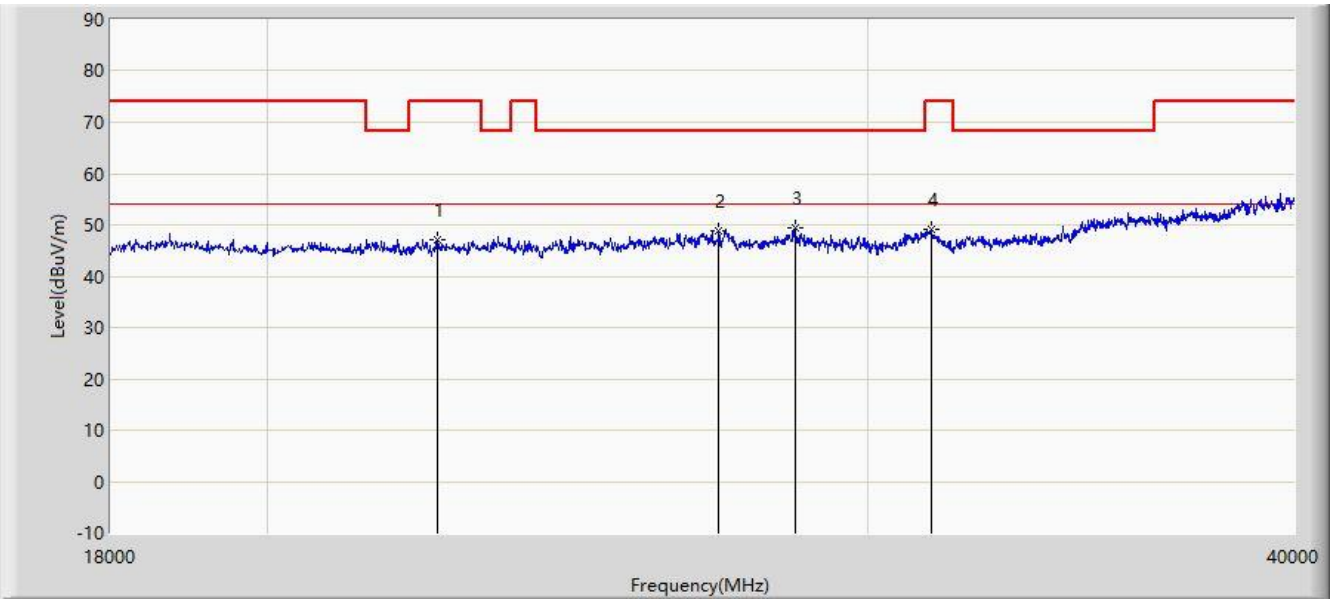
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: WZ-AC2	Time: 2023-12-25 - 18:29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_549_18-40GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-NM-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		22433.000	47.228	54.996	-26.772	74.000	-7.767	PK
2		27130.000	48.926	56.018	-19.274	68.200	-7.092	PK
3	*	28571.000	49.443	56.563	-18.758	68.200	-7.120	PK
4		31321.000	48.988	55.266	-25.012	74.000	-6.277	PK

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

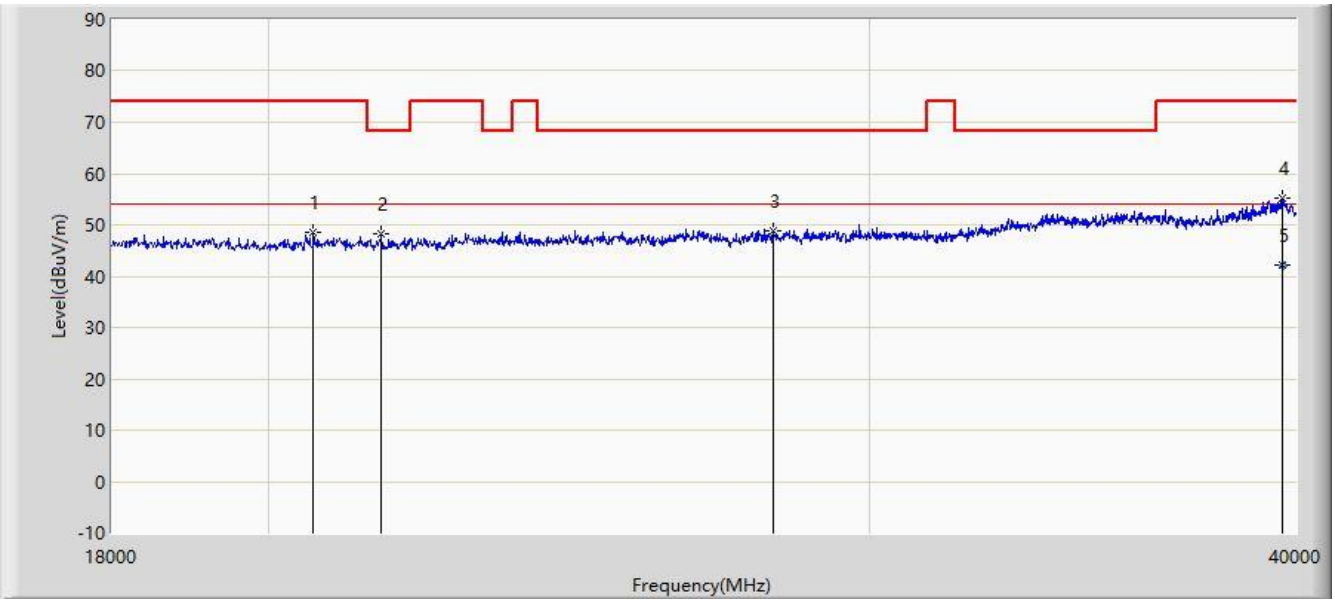
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

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

L22UGS-5HaxD2HaxD-15S-US:

Site: SIP-AC3	Time: 2023-11-29 - 14:36
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: BBHA 9170_00935_18-40GHz-New	Polarity: Horizontal
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		20618.000	48.457	58.330	-25.543	74.000	-9.873	PK
2		21586.000	48.298	57.829	-19.902	68.200	-9.531	PK
3		28131.000	48.901	57.185	-19.300	68.200	-8.284	PK
4		39648.000	55.113	53.587	-18.887	74.000	1.526	PK
5	*	39648.000	42.226	40.700	-11.774	54.000	1.526	AV

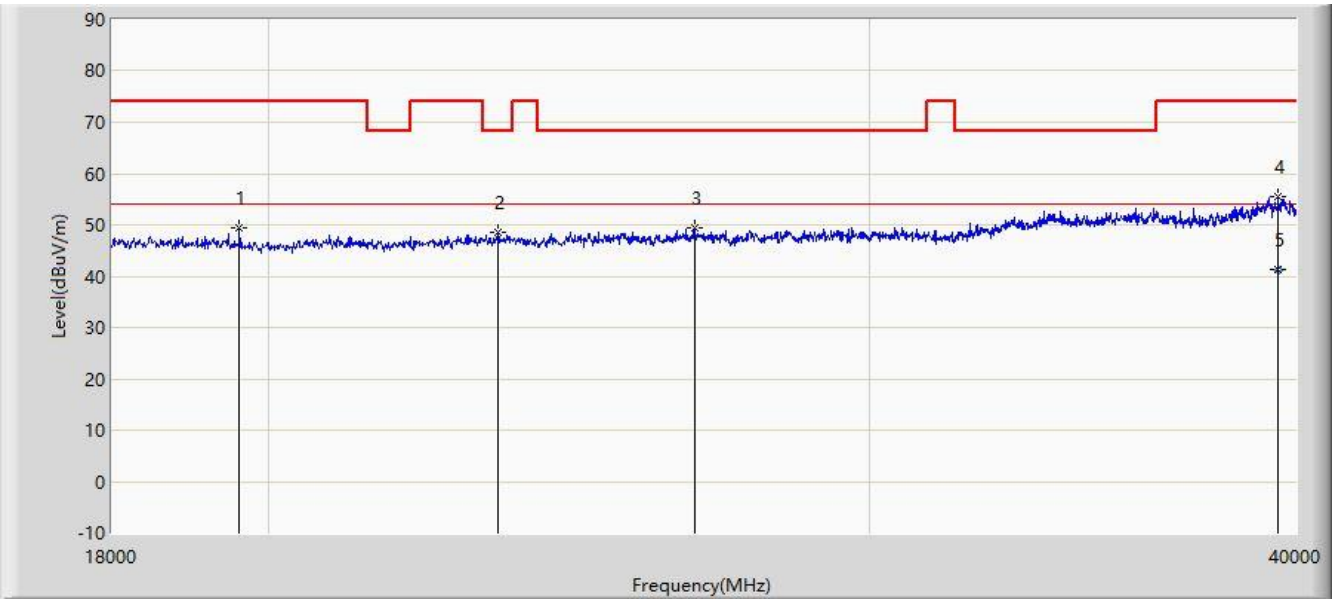
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC3	Time: 2023-11-29 - 14:38
Limit: FCC_Part15.209_RSE(3m)	Engineer: Arvin Ding
Probe: BBHA 9170_00935_18-40GHz-New	Polarity: Vertical
EUT: L22UGS-5HaxD2HaxD-15S-US	Power: AC 120V/60Hz
Note: Transmit by 802.11a at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		19617.000	49.352	59.985	-24.648	74.000	-10.633	PK
2		23368.000	48.431	56.723	-19.769	68.200	-8.292	PK
3		26668.000	49.345	56.898	-18.855	68.200	-7.553	PK
4		39538.000	55.539	55.036	-18.461	74.000	0.503	PK
5	*	39538.000	41.163	40.660	-12.837	54.000	0.503	AV

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

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

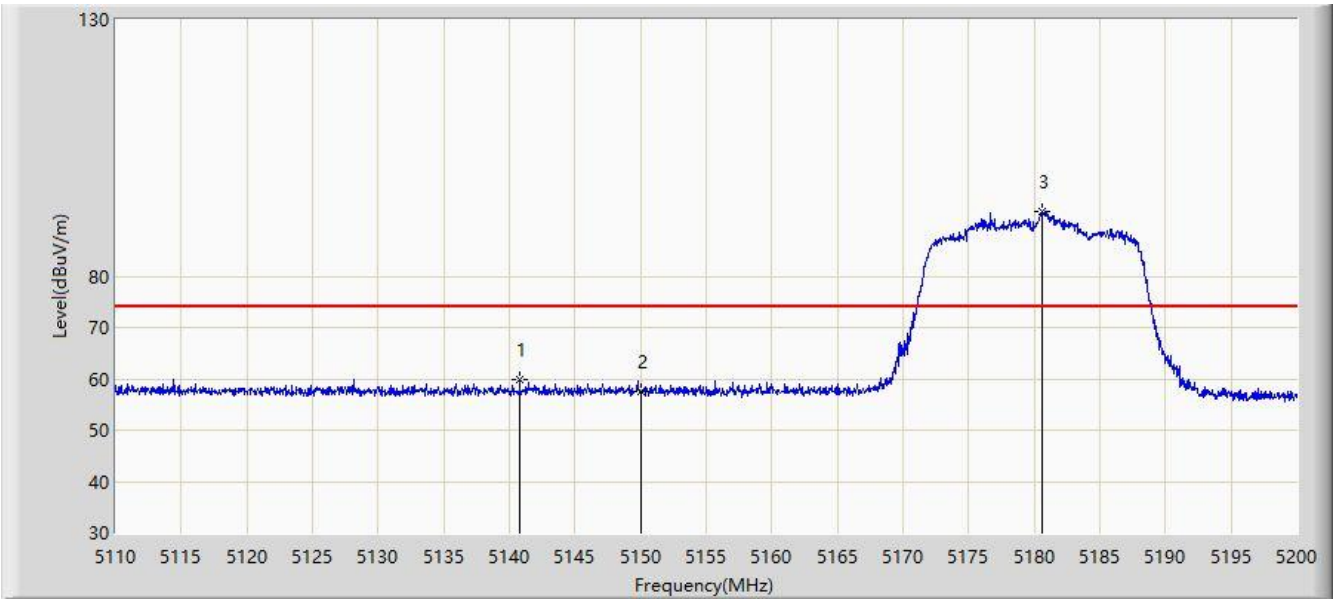
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

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

A.8 Radiated Restricted Band Edge Test Result

L23UGSR-5HaxD2HaxD-US + Omni antenna:

Site: WZ-AC2	Test Date: 2023-11-24
Limit: FCC_5G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



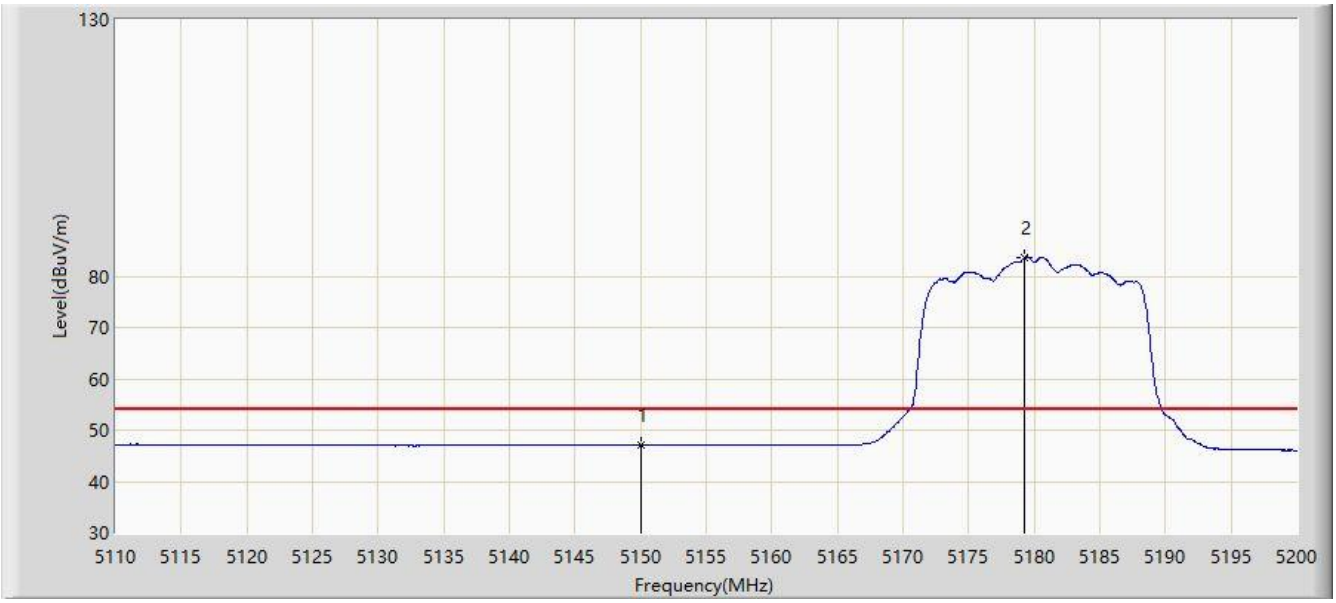
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5140.780	59.916	56.532	-14.084	74.000	3.385	PK
2		5150.000	57.597	54.115	-16.403	74.000	3.482	PK
3		5180.650	92.715	89.458	N/A	N/A	3.257	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-11-24
Limit: FCC_5G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



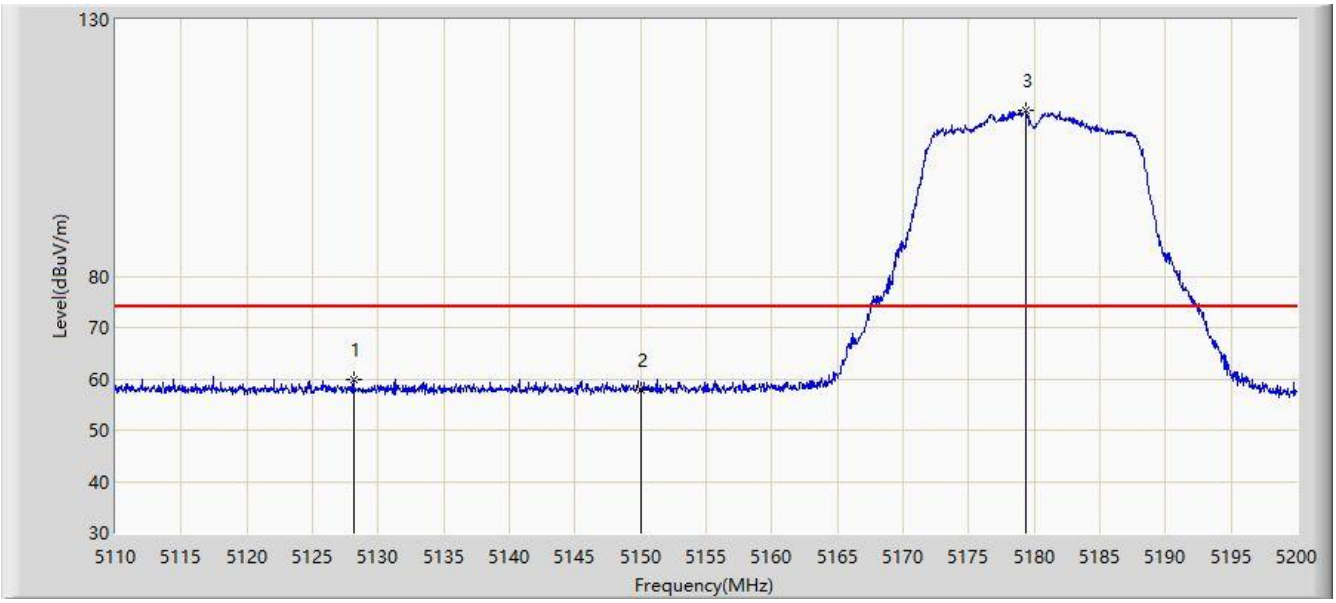
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	47.091	43.609	-6.909	54.000	3.482	AV
2		5179.300	83.634	80.350	N/A	N/A	3.283	AV

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

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

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

Site: WZ-AC2	Test Date: 2023-11-24
Limit: FCC_5G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



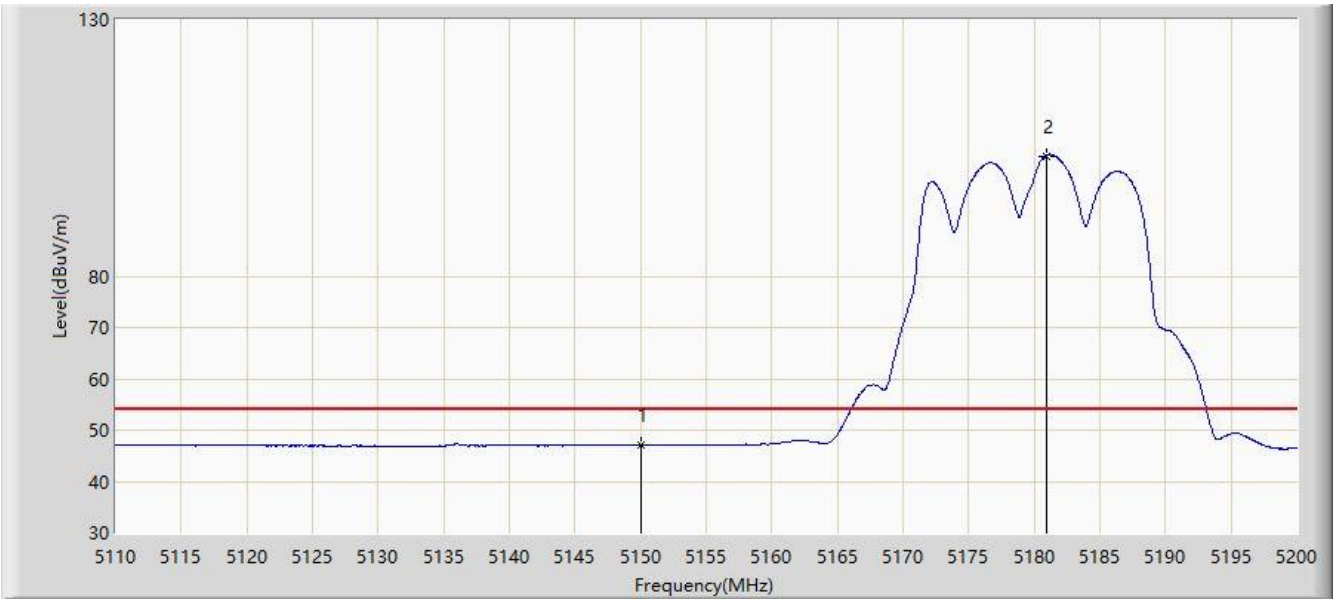
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5128.135	59.887	56.622	-14.113	74.000	3.265	PK
2		5150.000	57.850	54.368	-16.150	74.000	3.482	PK
3		5179.345	112.235	108.952	N/A	N/A	3.283	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-11-24
Limit: FCC_5G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



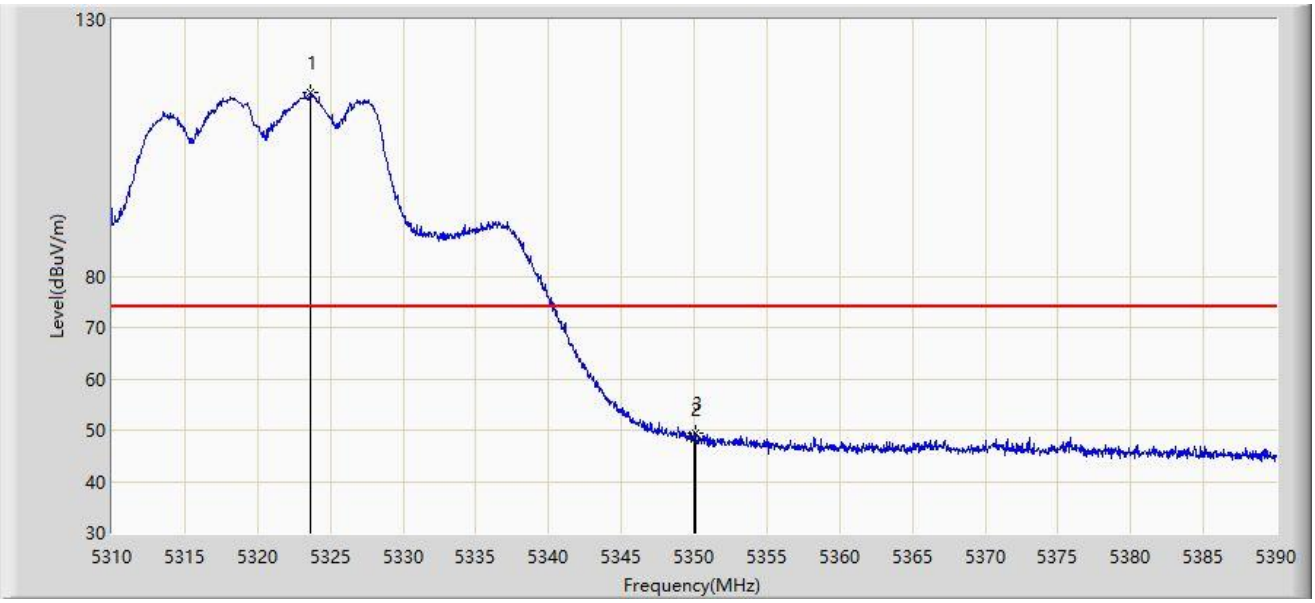
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	47.040	43.558	-6.960	54.000	3.482	AV
2		5180.920	103.470	100.219	N/A	N/A	3.252	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-05
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



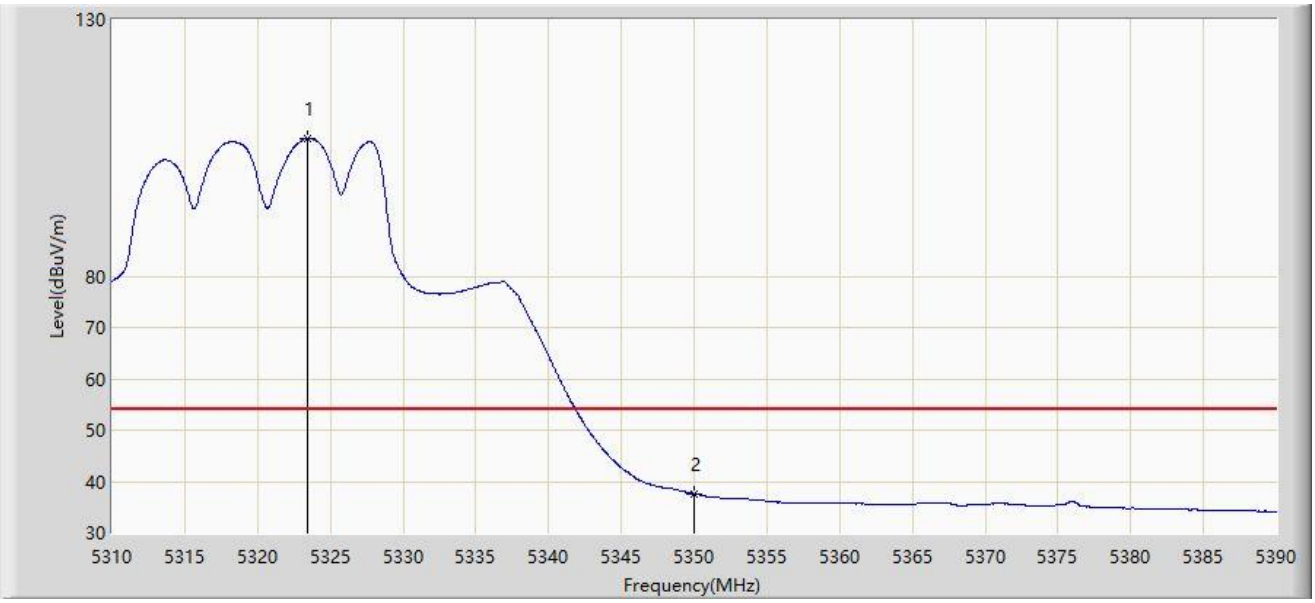
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5323.680	115.668	75.976	N/A	N/A	39.692	PK
2		5350.000	48.172	49.576	-25.828	74.000	-1.404	PK
3	*	5350.080	49.491	50.937	-24.509	74.000	-1.447	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-05
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



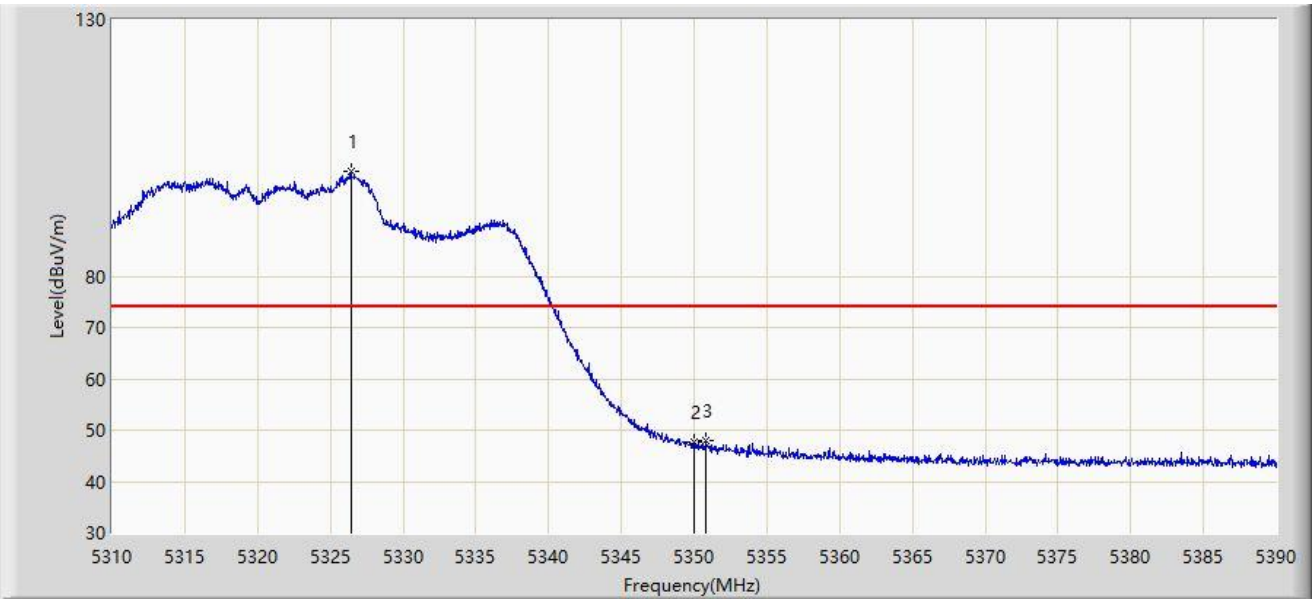
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5323.400	106.887	67.169	N/A	N/A	39.718	AV
2	*	5350.000	37.576	38.980	-16.424	54.000	-1.404	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-05
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



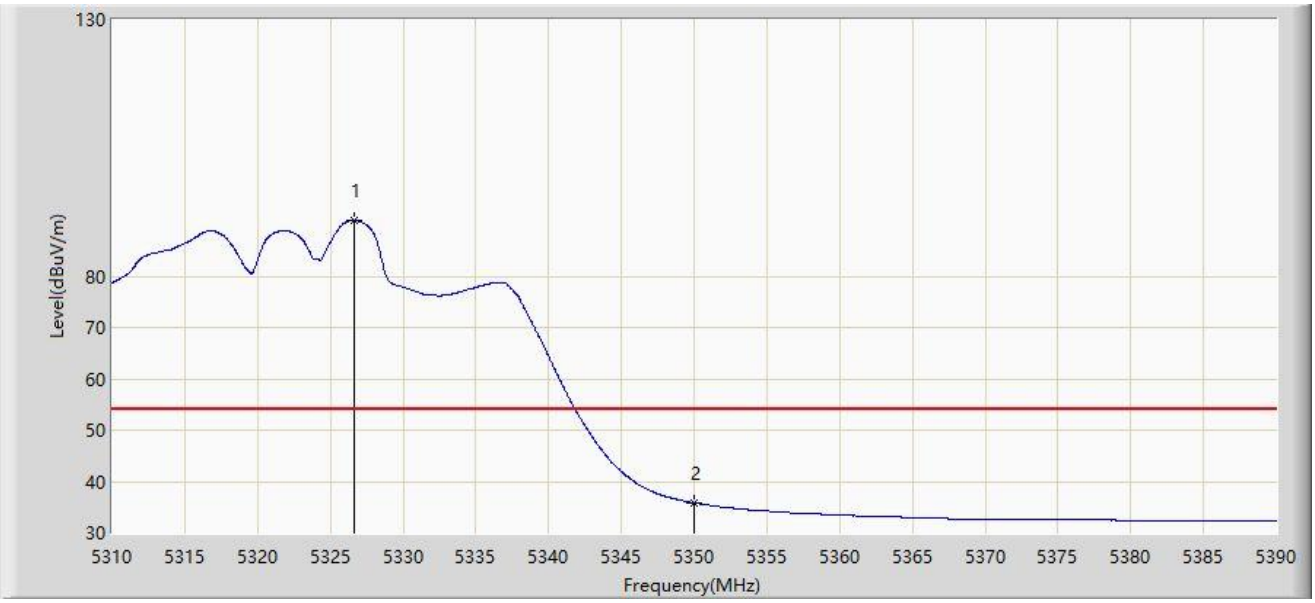
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5326.400	100.343	61.657	N/A	N/A	38.686	PK
2		5350.000	47.566	48.970	-26.434	74.000	-1.404	PK
3	*	5350.800	47.910	49.728	-26.090	74.000	-1.817	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-05
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



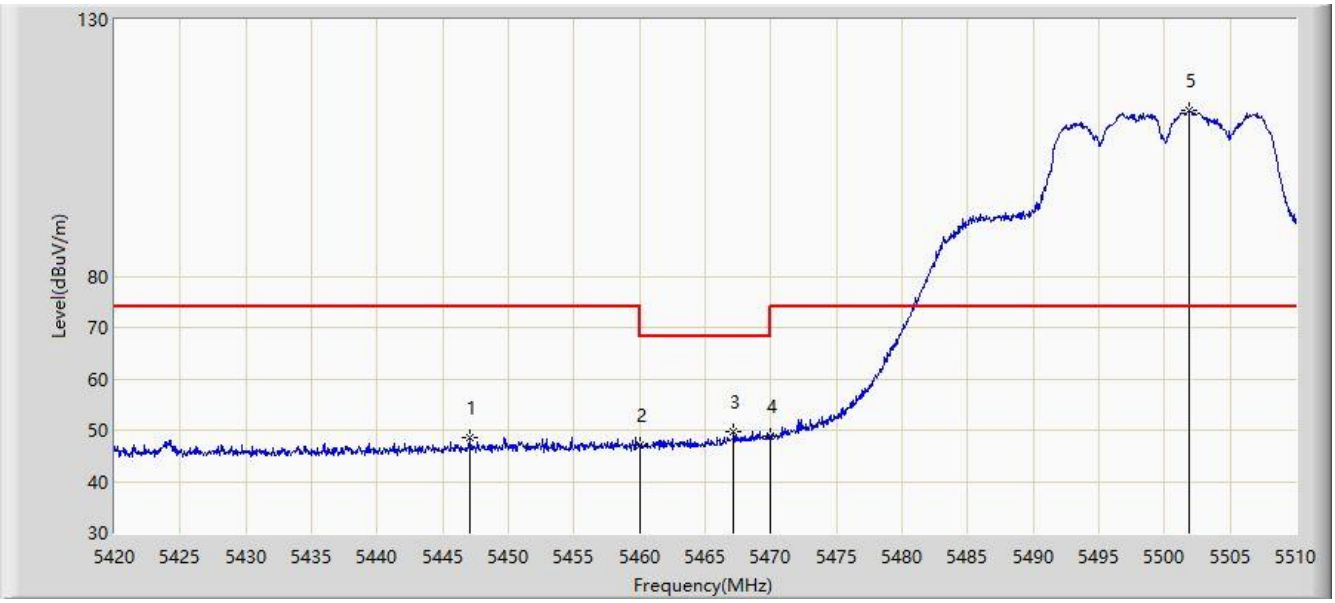
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5326.640	90.925	52.107	N/A	N/A	38.818	AV
2	*	5350.000	35.828	37.232	-18.172	54.000	-1.404	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



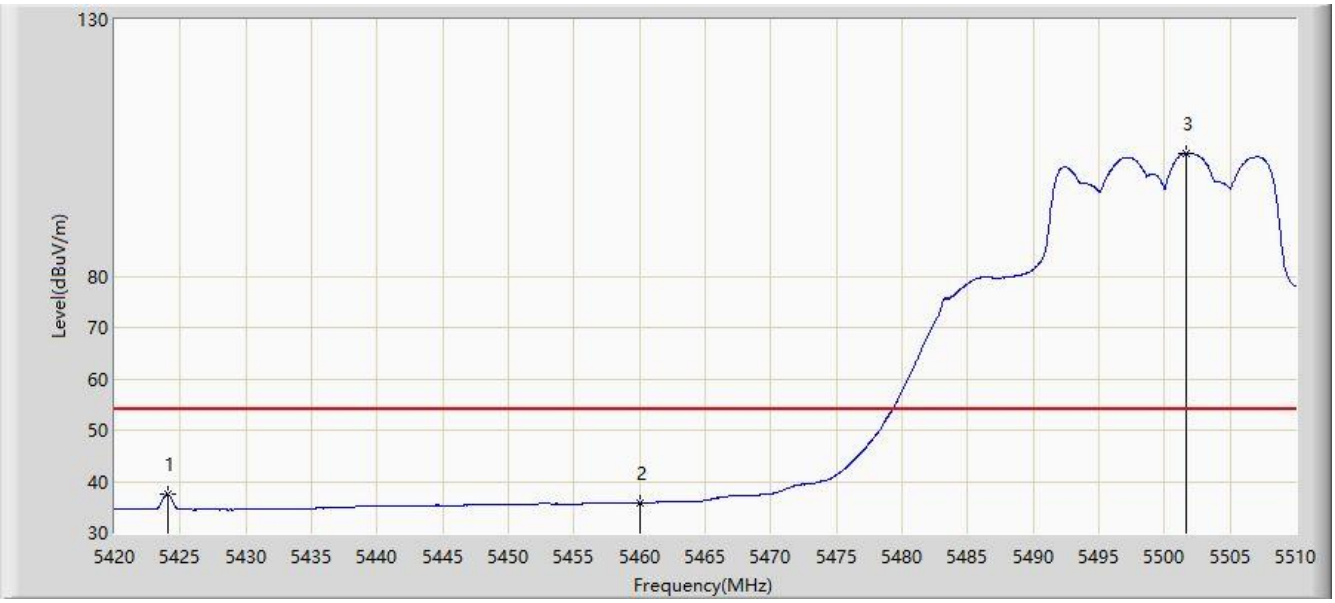
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5447.050	48.667	52.787	-25.333	74.000	-4.120	PK
2		5460.000	47.057	50.400	-21.143	68.200	-3.343	PK
3	*	5467.150	49.854	52.321	-18.346	68.200	-2.467	PK
4		5470.000	48.785	50.395	-19.415	68.200	-1.610	PK
5		5501.850	112.285	72.317	N/A	N/A	39.968	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



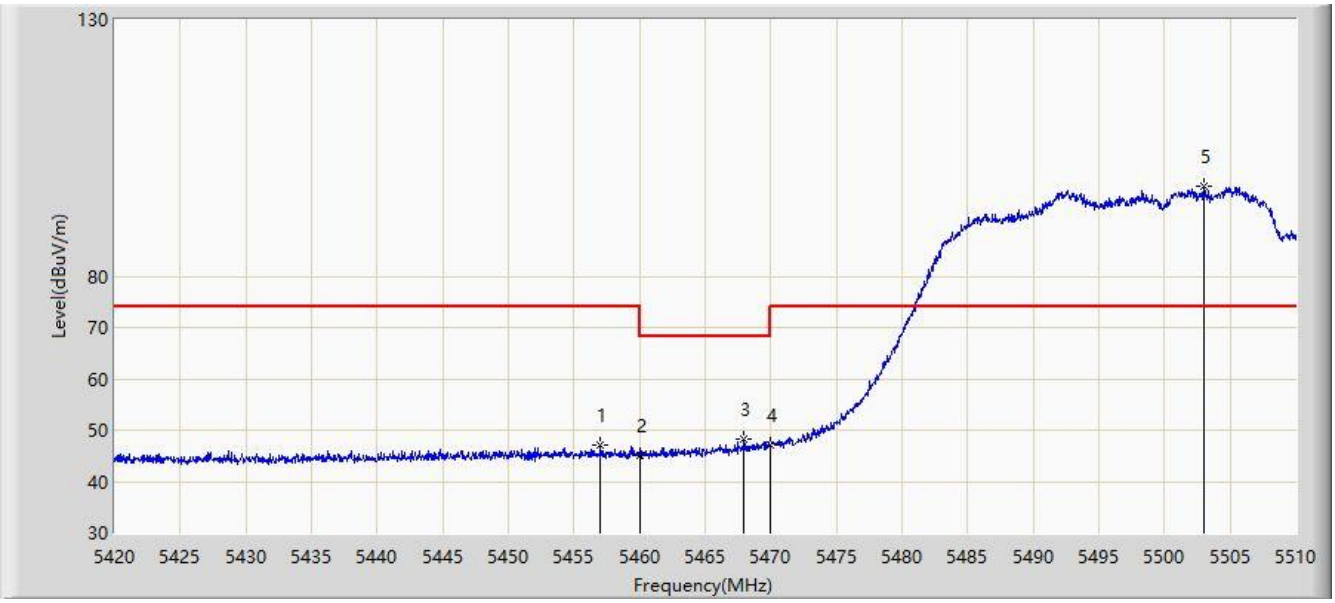
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5424.005	37.483	42.085	-16.517	54.000	-4.602	AV
2		5460.000	35.809	39.152	-18.191	54.000	-3.343	AV
3		5501.675	103.859	64.094	N/A	N/A	39.764	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



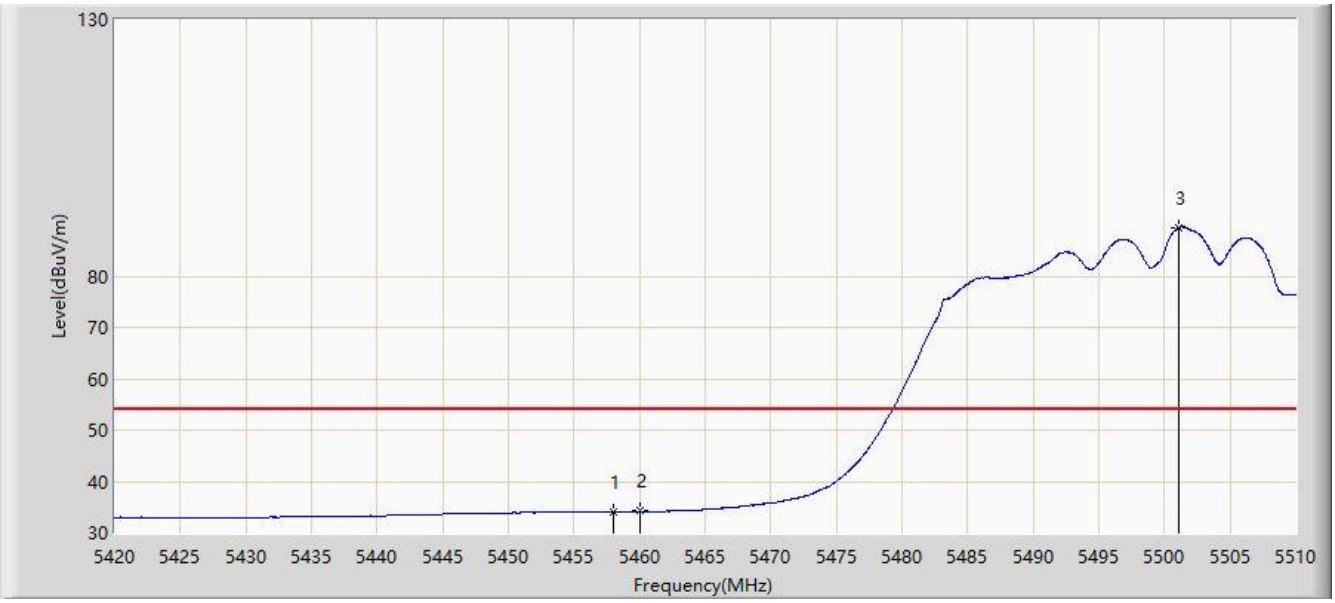
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5457.035	46.971	50.545	-27.029	74.000	-3.575	PK
2		5460.000	45.019	48.362	-23.181	68.200	-3.343	PK
3	*	5467.970	48.389	50.667	-19.811	68.200	-2.277	PK
4		5470.000	47.055	48.665	-21.145	68.200	-1.610	PK
5		5503.025	97.584	55.424	N/A	N/A	42.160	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



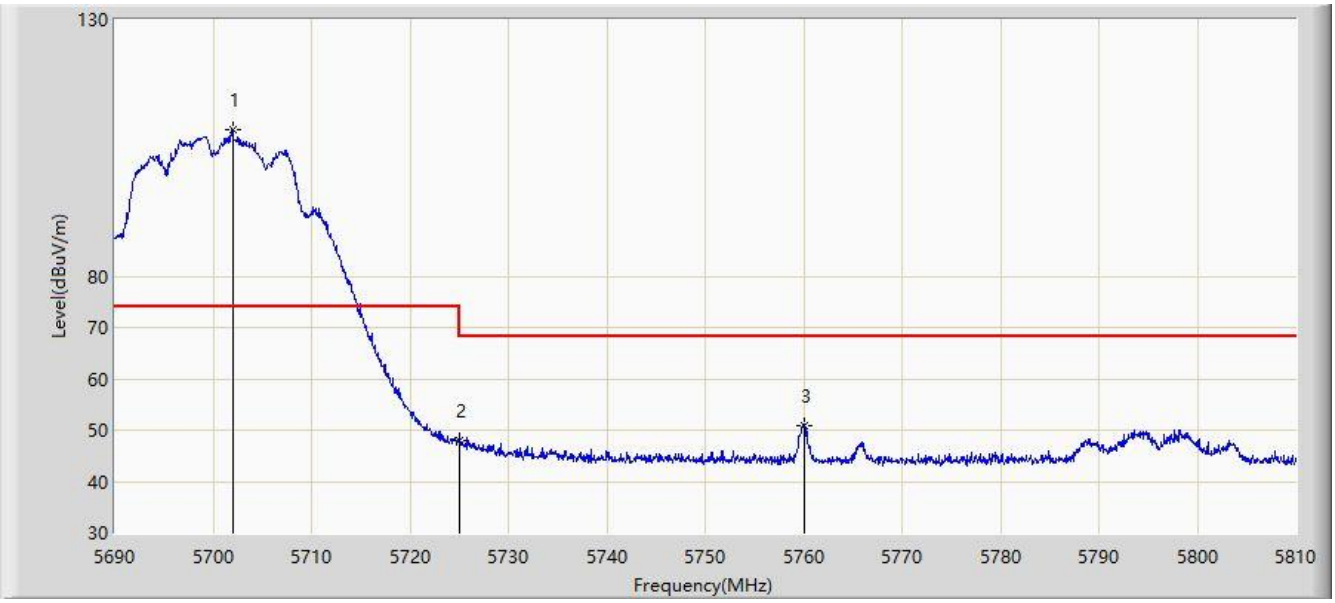
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5458.025	34.202	37.701	-19.798	54.000	-3.499	AV
2	*	5460.000	34.212	37.555	-19.788	54.000	-3.343	AV
3		5501.135	89.504	50.248	N/A	N/A	39.256	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



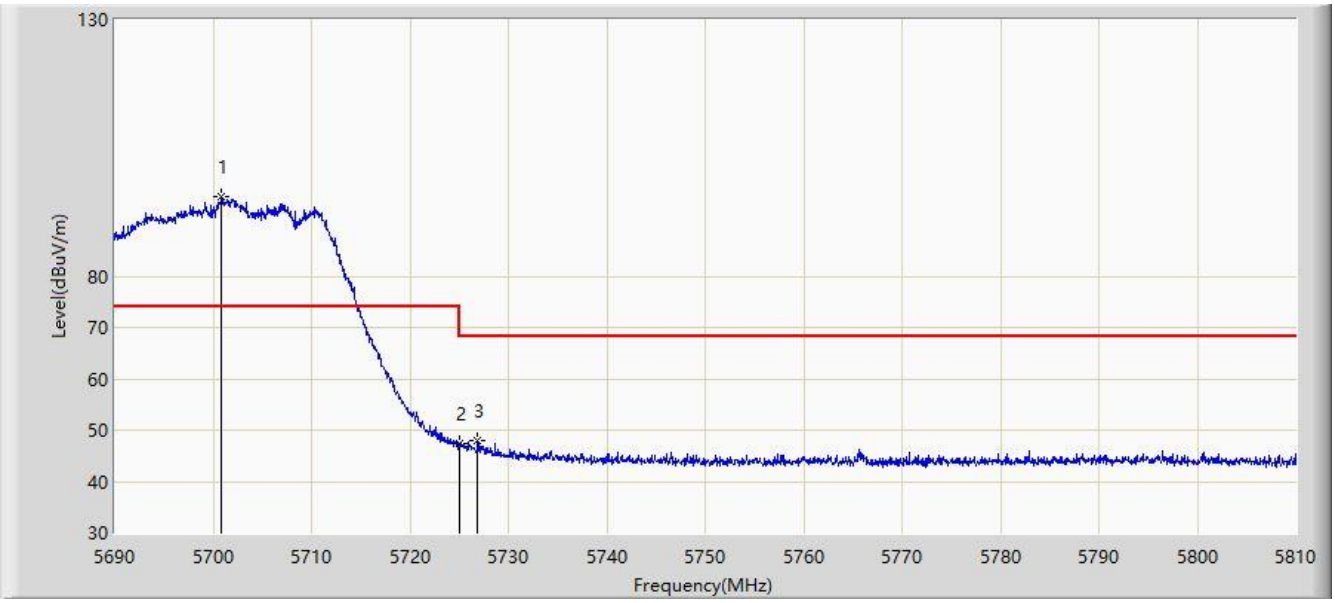
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5702.000	108.447	71.494	N/A	N/A	36.953	PK
2		5725.000	47.912	49.747	-20.288	68.200	-1.836	PK
3	*	5760.080	50.967	56.077	-17.233	68.200	-5.110	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



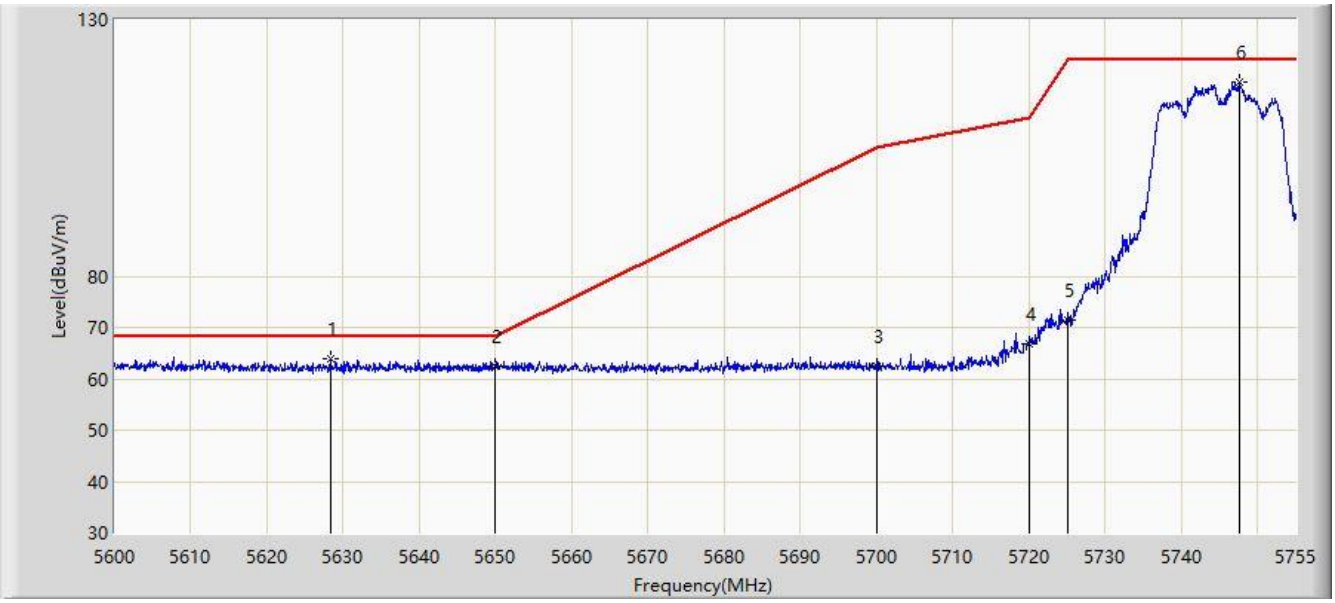
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5700.860	95.518	59.671	N/A	N/A	35.848	PK
2		5725.000	47.442	49.277	-20.758	68.200	-1.836	PK
3	*	5726.840	47.973	50.706	-20.227	68.200	-2.732	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5.8G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



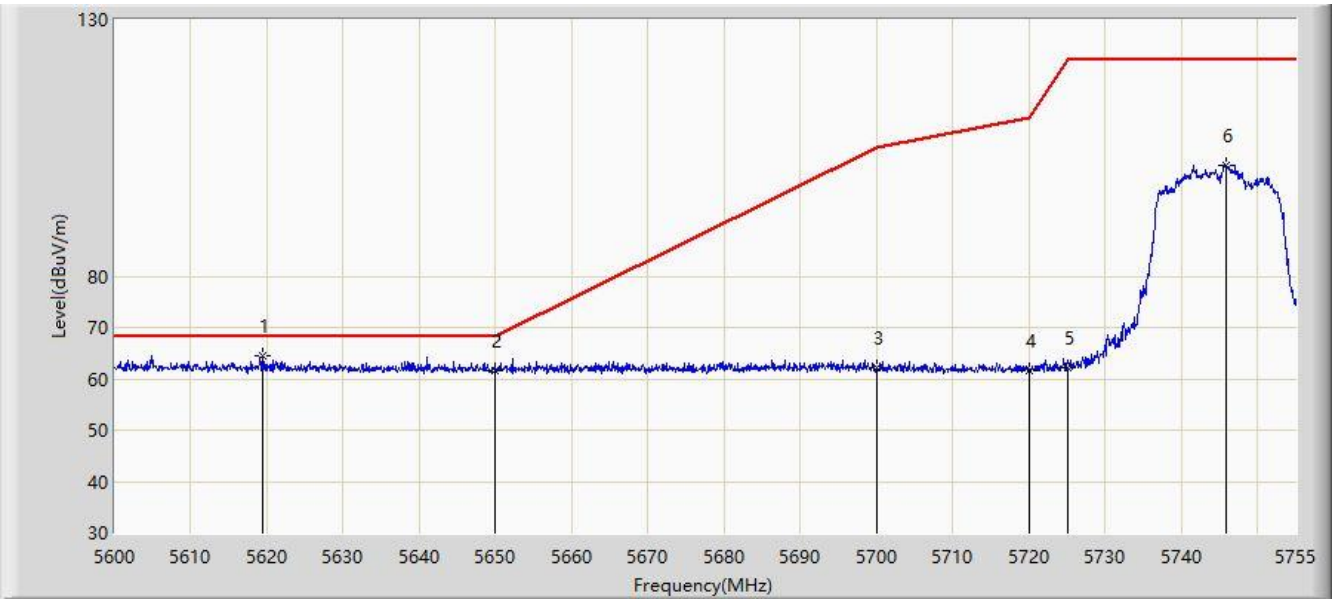
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5628.288	63.886	71.174	-4.314	68.200	-7.289	PK
2		5650.000	62.379	69.699	-5.821	68.200	-7.319	PK
3		5700.000	62.327	69.501	-42.873	105.200	-7.174	PK
4		5720.000	66.932	74.404	-43.868	110.800	-7.472	PK
5		5725.000	71.561	79.022	-50.639	122.200	-7.461	PK
6		5747.560	117.803	125.297	N/A	N/A	-7.494	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5.8G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



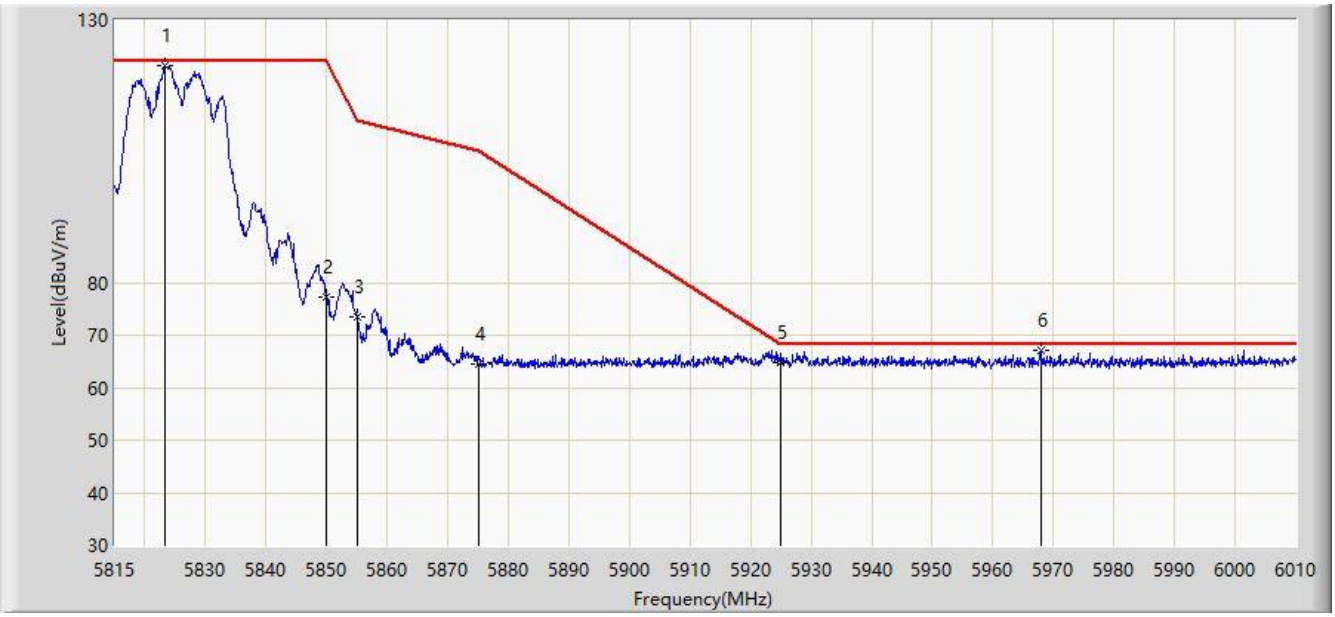
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5619.375	64.577	71.835	-3.623	68.200	-7.258	PK
2		5650.000	61.630	68.950	-6.570	68.200	-7.319	PK
3		5700.000	62.227	69.401	-42.973	105.200	-7.174	PK
4		5720.000	61.658	69.130	-49.142	110.800	-7.472	PK
5		5725.000	62.243	69.704	-59.957	122.200	-7.461	PK
6		5745.777	101.451	108.962	N/A	N/A	-7.511	PK

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

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

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

Site: SIP-AC3	Test Date: 2023-09-24
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



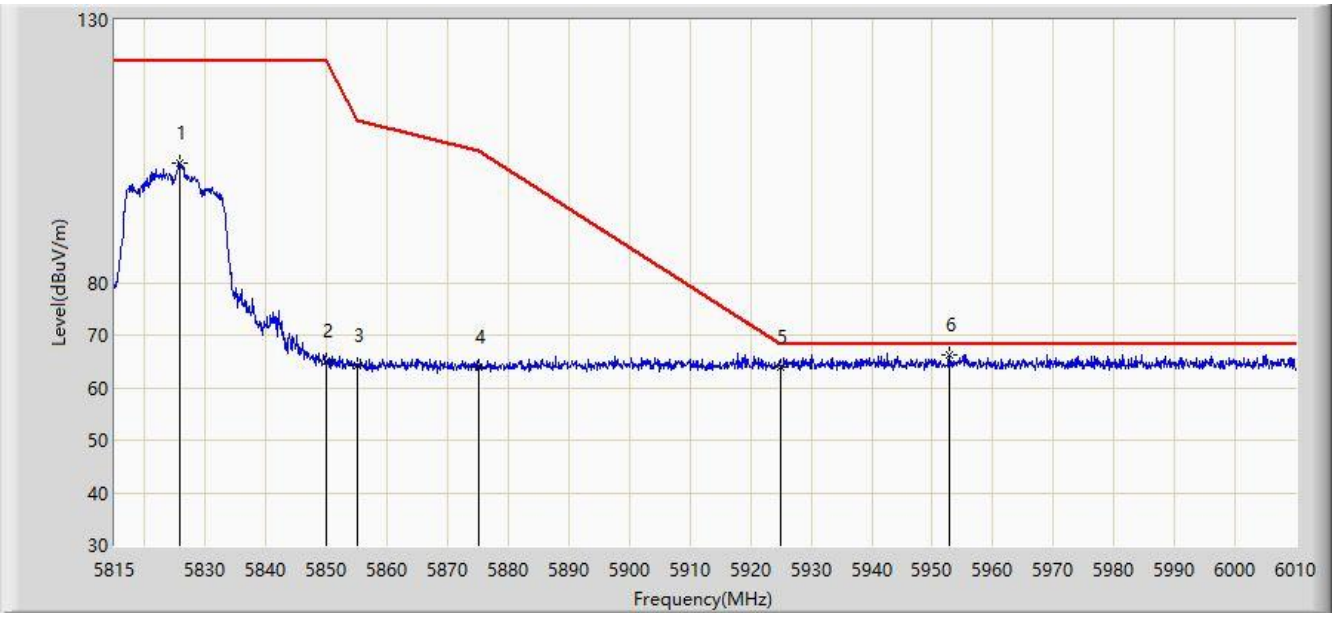
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5823.385	121.322	128.611	N/A	N/A	-7.289	PK
2		5850.000	77.374	84.611	-44.826	122.200	-7.237	PK
3		5855.000	73.564	80.782	-37.236	110.800	-7.217	PK
4		5875.000	64.529	71.881	-40.671	105.200	-7.352	PK
5		5925.000	64.907	72.033	-3.293	68.200	-7.126	PK
6	*	5967.880	66.992	73.967	-1.208	68.200	-6.975	PK

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

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

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

Site: SIP-AC3	Test Date: 2023-09-24
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



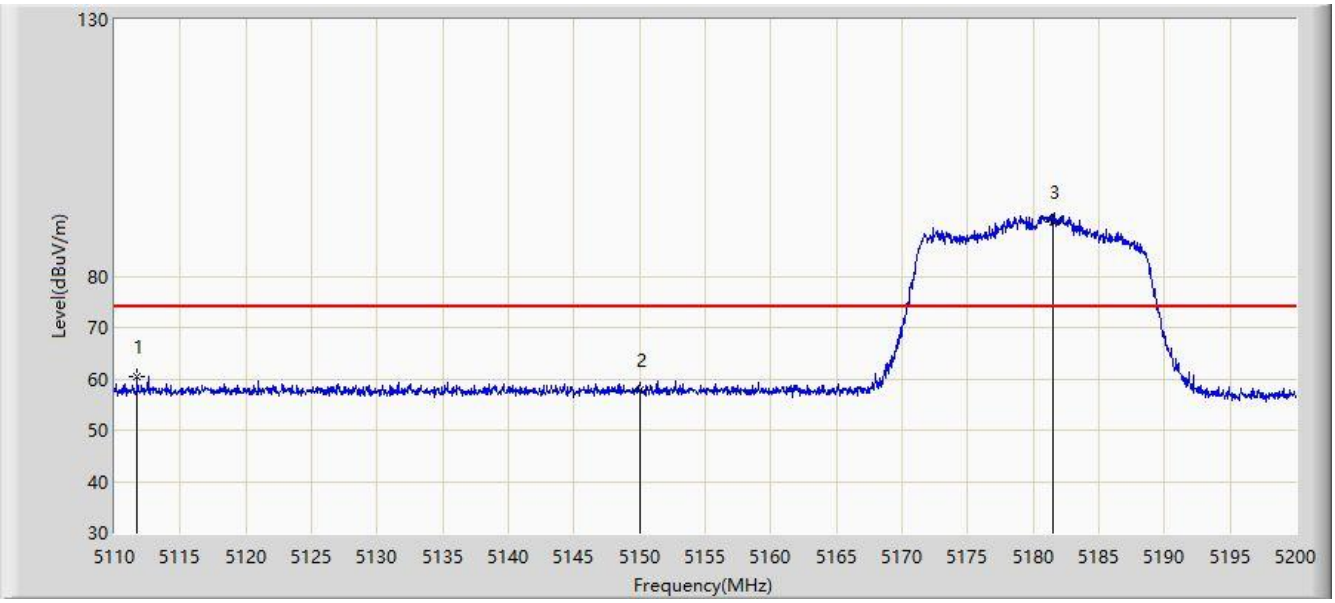
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5825.822	102.855	110.133	N/A	N/A	-7.278	PK
2		5850.000	65.090	72.327	-57.110	122.200	-7.237	PK
3		5855.000	64.253	71.471	-46.547	110.800	-7.217	PK
4		5875.000	64.019	71.371	-41.181	105.200	-7.352	PK
5		5925.000	63.851	70.977	-4.349	68.200	-7.126	PK
6	*	5952.865	66.279	73.249	-1.921	68.200	-6.970	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-11-24
Limit: FCC_5G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



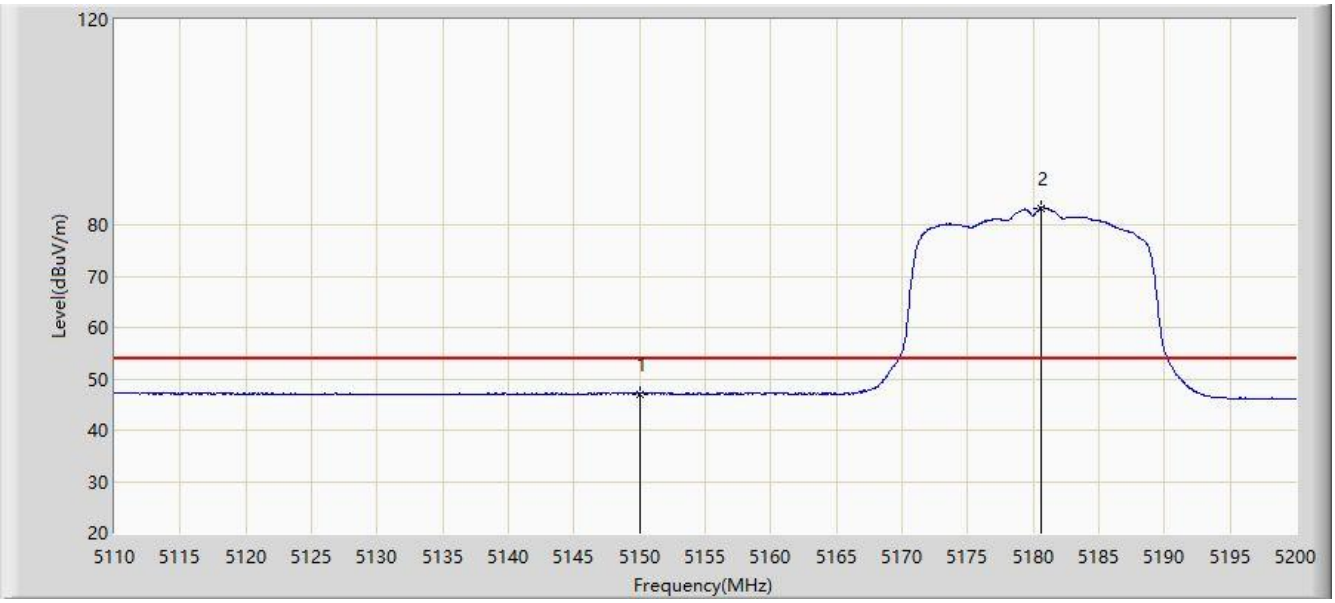
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5111.710	60.374	57.077	-13.626	74.000	3.297	PK
2		5150.000	57.718	54.236	-16.282	74.000	3.482	PK
3		5181.460	90.475	87.234	N/A	N/A	3.241	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-11-24
Limit: FCC_5G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



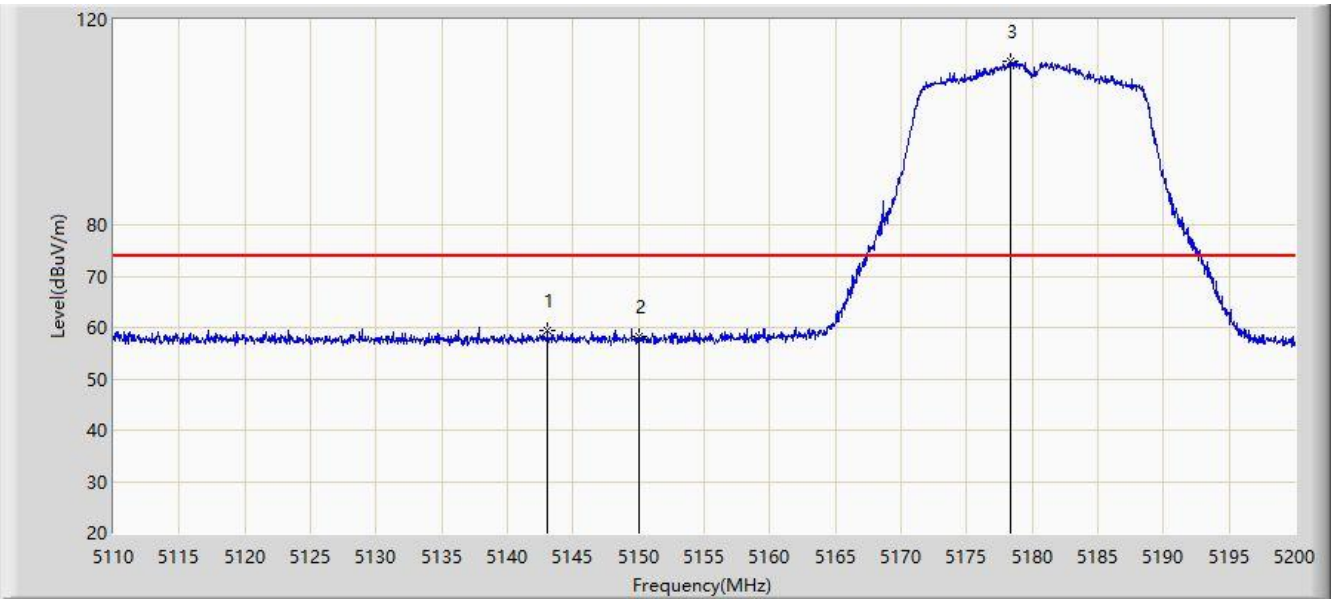
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	47.083	43.601	-6.917	54.000	3.482	AV
2		5180.560	83.244	79.985	N/A	N/A	3.258	AV

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

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

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

Site: WZ-AC2	Test Date: 2023-11-24
Limit: FCC_5G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



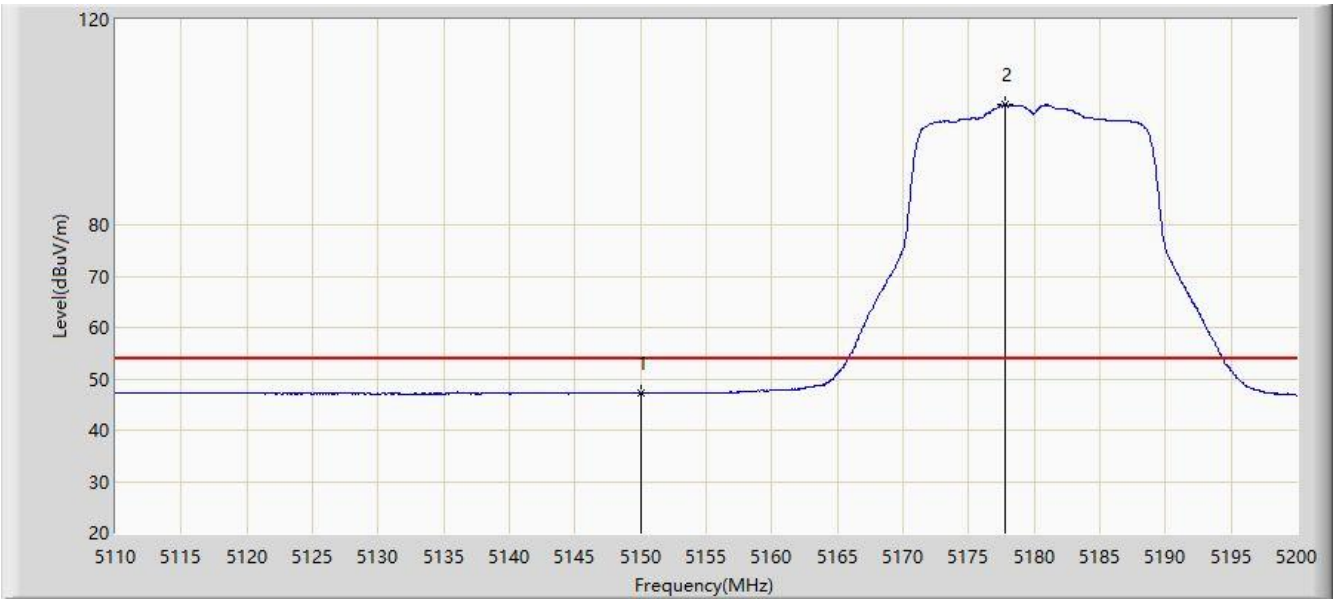
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5143.075	59.515	56.102	-14.485	74.000	3.413	PK
2		5150.000	58.244	54.762	-15.756	74.000	3.482	PK
3		5178.310	111.853	108.549	N/A	N/A	3.304	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-11-24
Limit: FCC_5G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



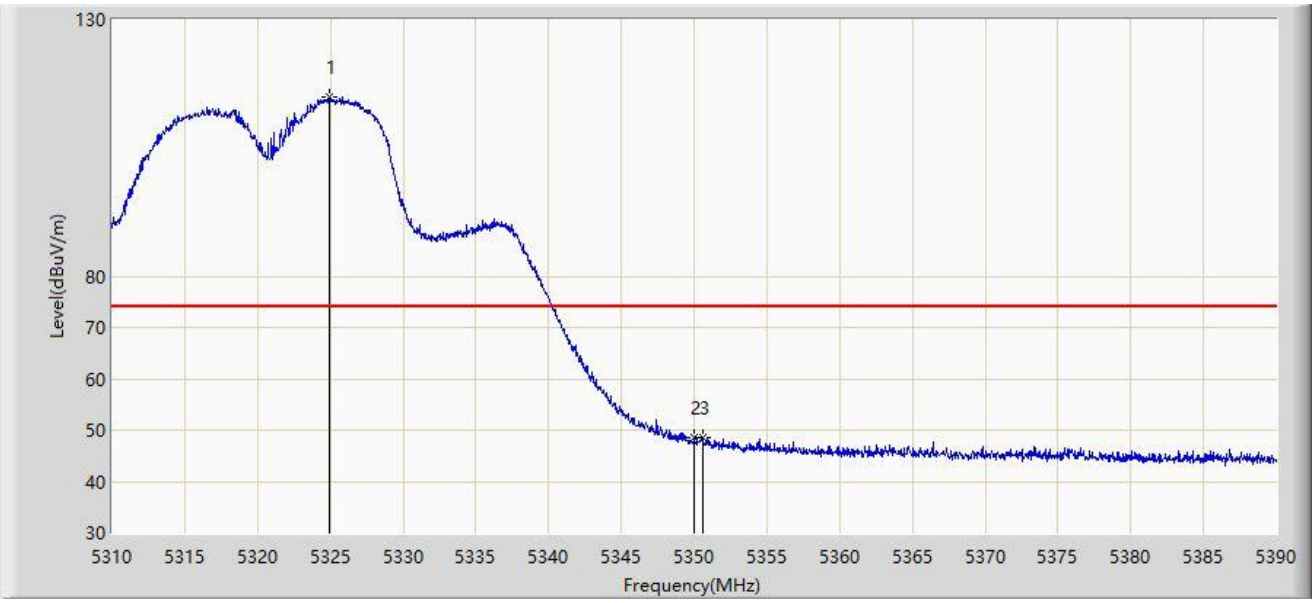
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	47.173	43.691	-6.827	54.000	3.482	AV
2		5177.815	103.432	100.119	N/A	N/A	3.313	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-05
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



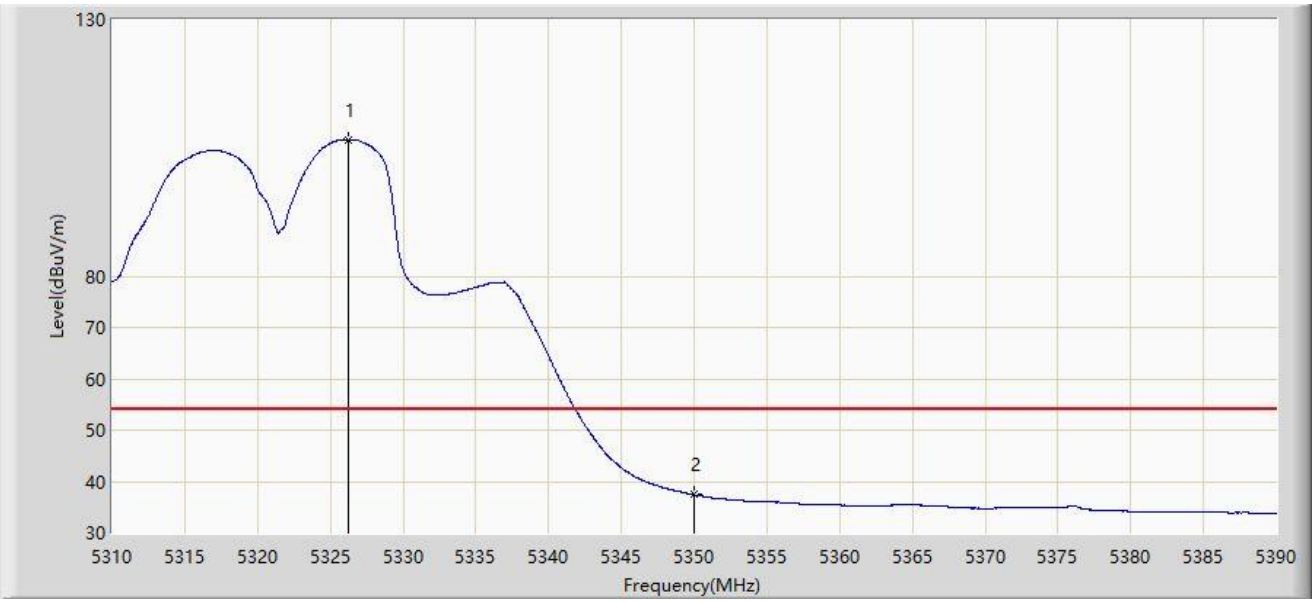
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5324.920	114.934	75.880	N/A	N/A	39.054	PK
2		5350.000	48.596	50.000	-25.404	74.000	-1.404	PK
3	*	5350.600	48.597	50.317	-25.403	74.000	-1.720	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-05
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



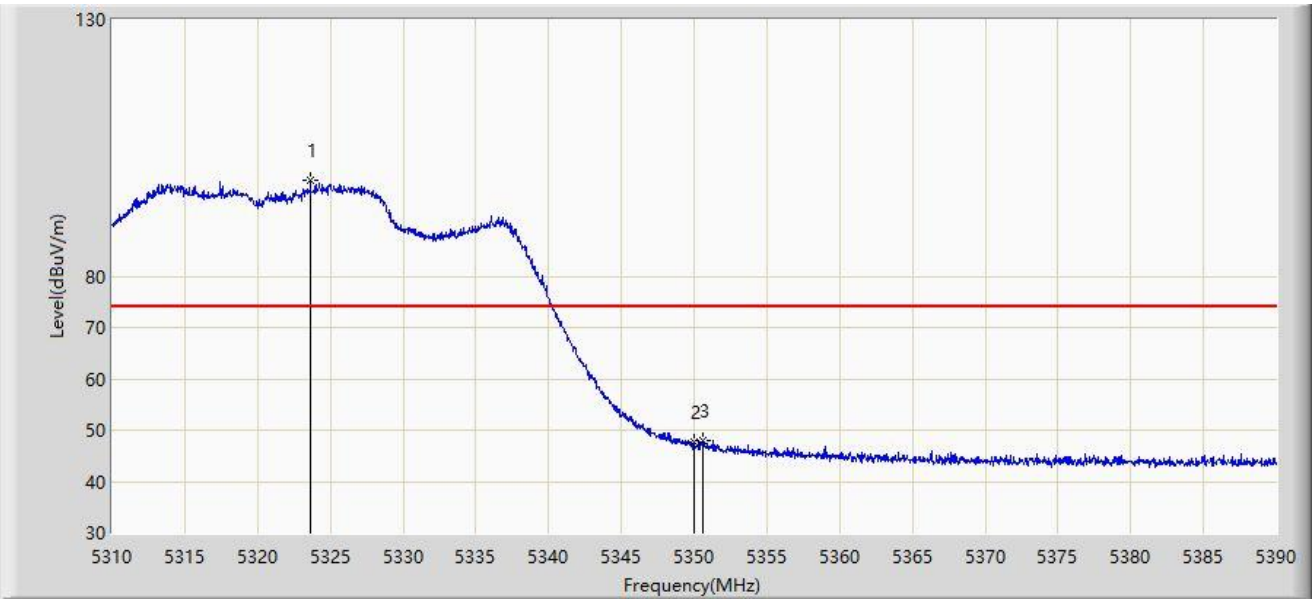
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.240	106.614	68.017	N/A	N/A	38.597	AV
2	*	5350.000	37.431	38.835	-16.569	54.000	-1.404	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-05
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



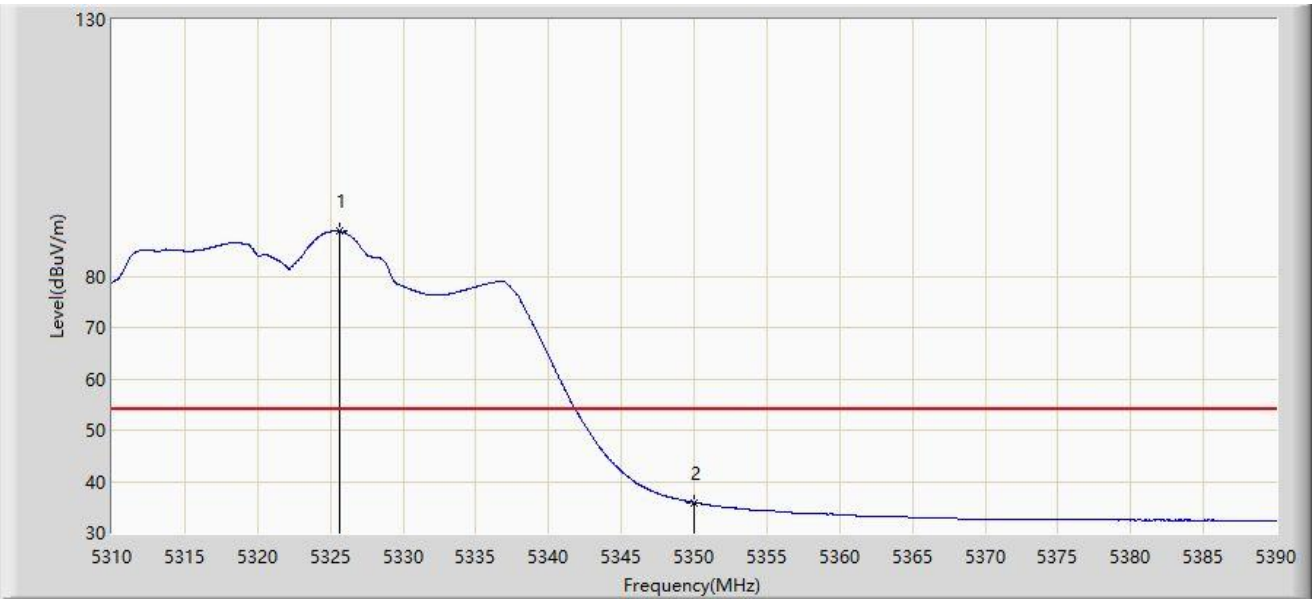
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5323.640	98.569	58.866	N/A	N/A	39.703	PK
2		5350.000	47.557	48.961	-26.443	74.000	-1.404	PK
3	*	5350.560	47.913	49.613	-26.087	74.000	-1.700	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-05
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



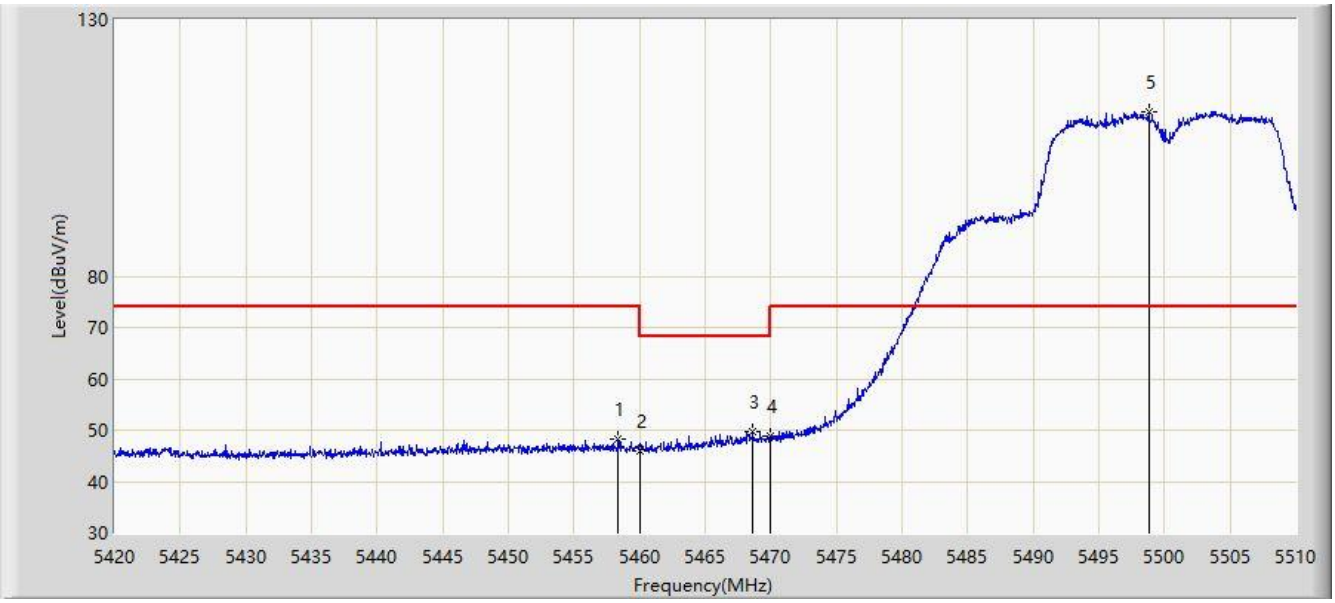
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5325.640	88.743	50.070	N/A	N/A	38.674	AV
2	*	5350.000	35.888	37.292	-18.112	54.000	-1.404	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



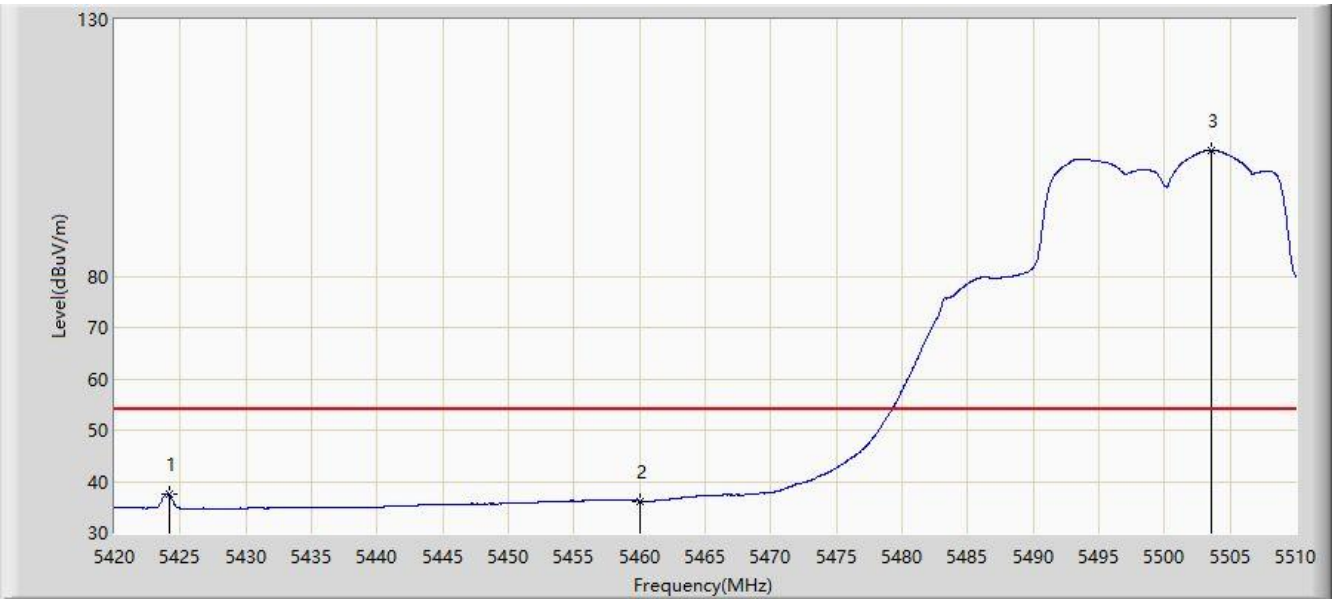
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5458.385	48.246	51.688	-25.754	74.000	-3.442	PK
2		5460.000	46.048	49.391	-22.152	68.200	-3.343	PK
3	*	5468.645	49.654	51.721	-18.546	68.200	-2.067	PK
4		5470.000	48.896	50.506	-19.304	68.200	-1.610	PK
5		5498.795	112.135	74.449	N/A	N/A	37.685	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



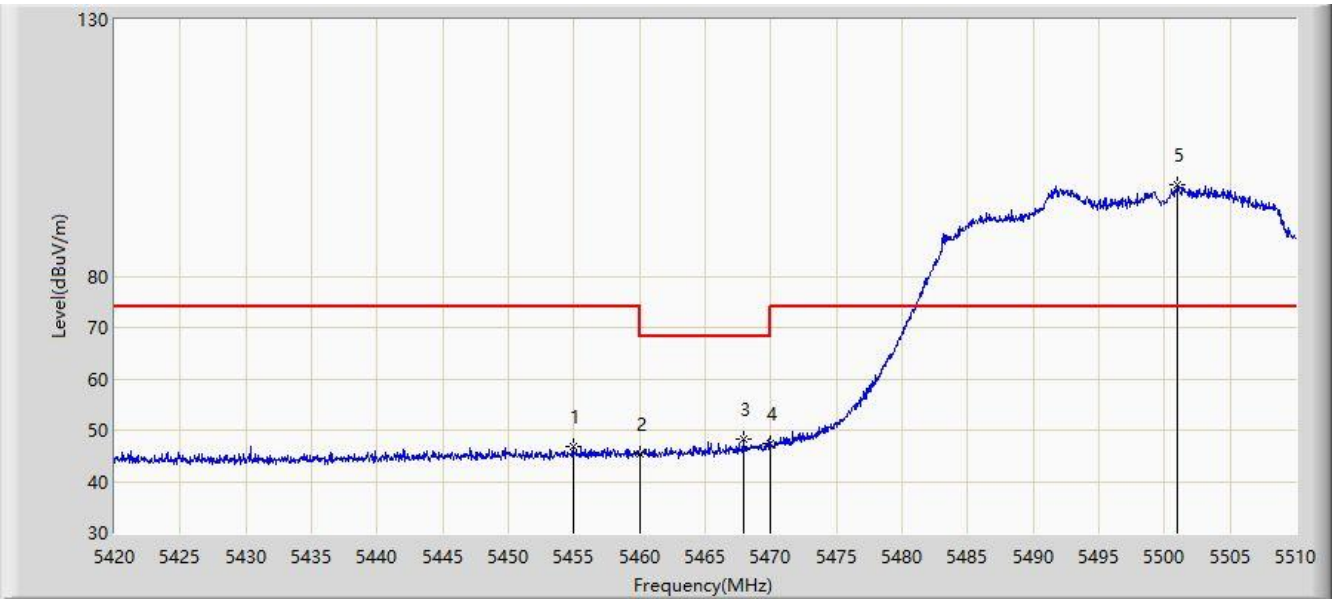
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5424.140	37.426	42.009	-16.574	54.000	-4.582	AV
2		5460.000	36.192	39.535	-17.808	54.000	-3.343	AV
3		5503.520	104.555	61.492	N/A	N/A	43.063	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



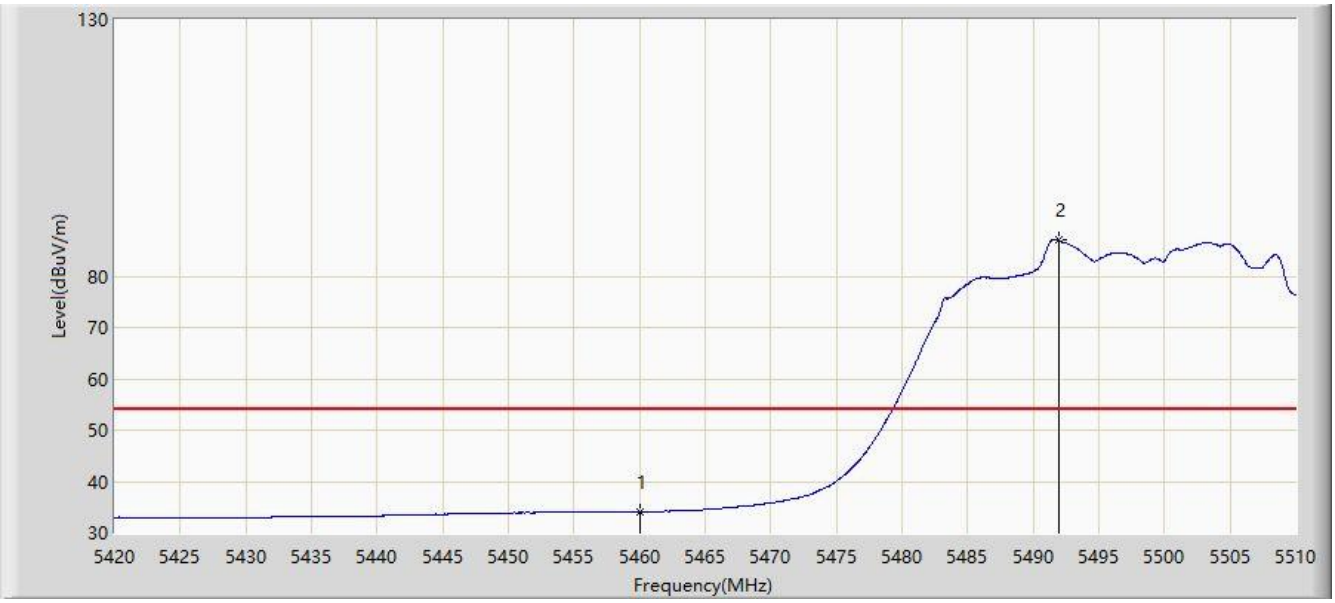
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5454.920	46.880	50.572	-27.120	74.000	-3.692	PK
2		5460.000	45.309	48.652	-22.891	68.200	-3.343	PK
3	*	5467.925	48.331	50.621	-19.869	68.200	-2.290	PK
4		5470.000	47.527	49.137	-20.673	68.200	-1.610	PK
5		5501.000	97.736	58.634	N/A	N/A	39.103	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



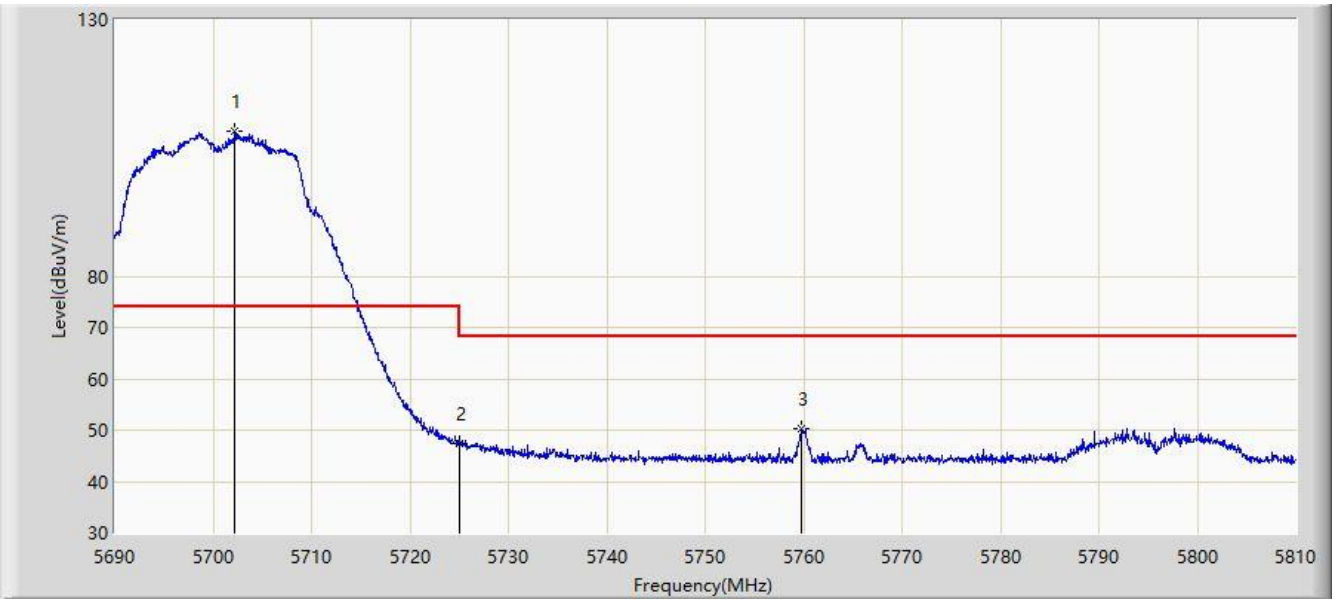
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	34.188	37.531	-19.812	54.000	-3.343	AV
2		5491.910	87.097	41.954	N/A	N/A	45.143	AV

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



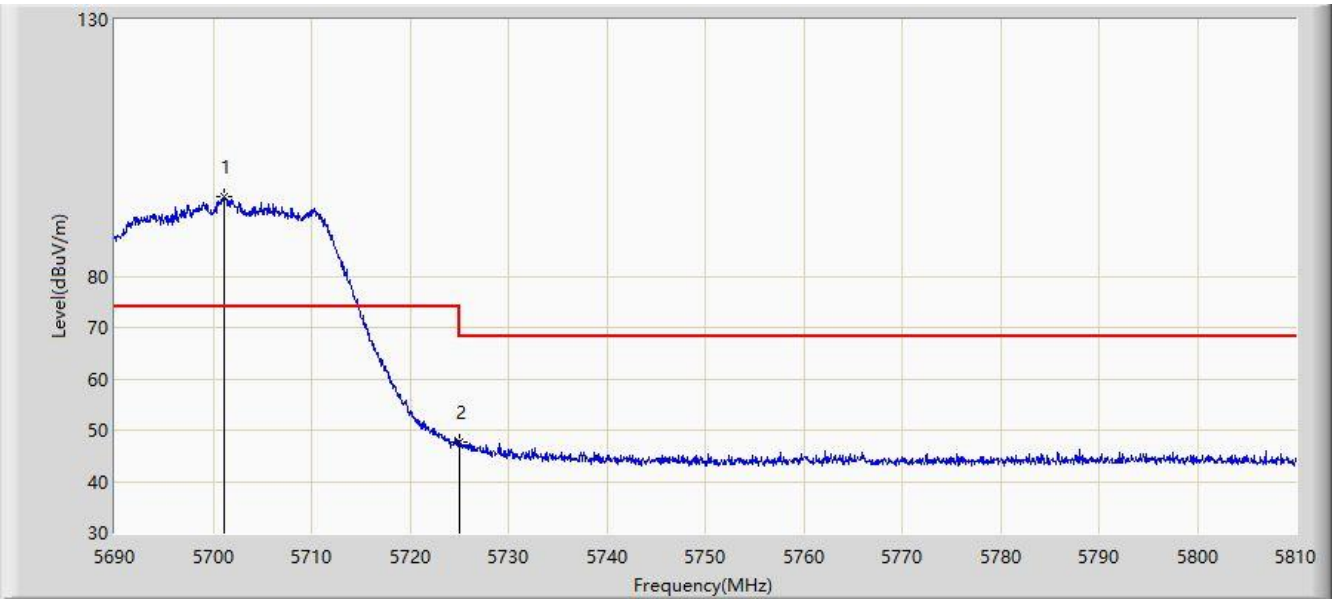
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5702.240	108.313	71.151	N/A	N/A	37.162	PK
2		5725.000	47.366	49.201	-20.834	68.200	-1.836	PK
3	*	5759.840	50.363	55.473	-17.837	68.200	-5.110	PK

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

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

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

Site: SIP-AC3	Test Date: 2024-02-04
Limit: FCC_5G_RE(3m)	Engineer: Justin Guo
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: L23UGSR-5HaxD2HaxD-US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5701.160	95.375	59.335	N/A	N/A	36.040	PK
2	*	5725.000	47.799	49.634	-20.401	68.200	-1.836	PK

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

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

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