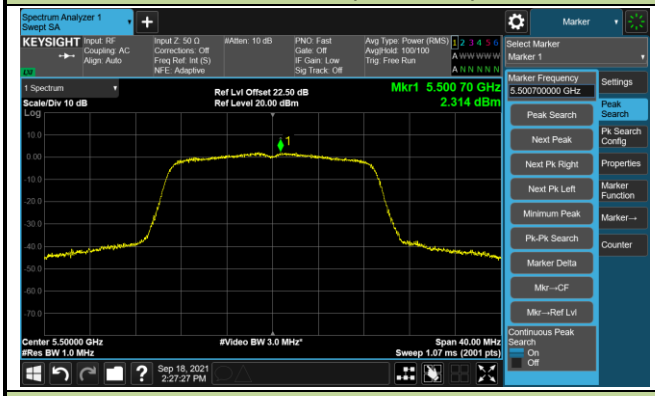
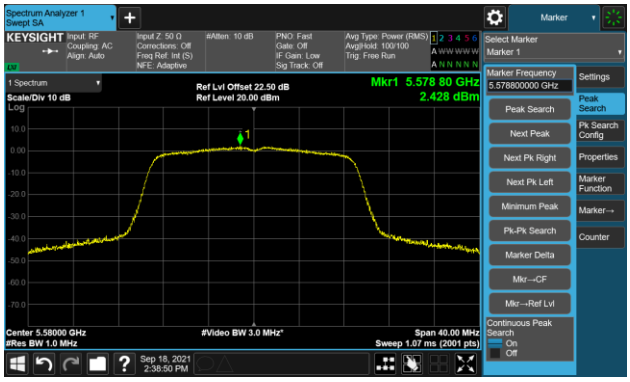
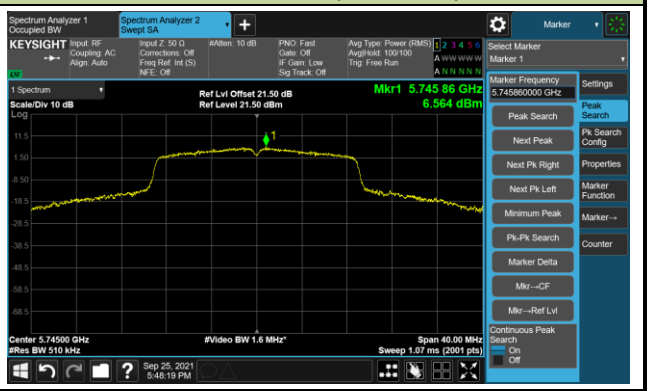
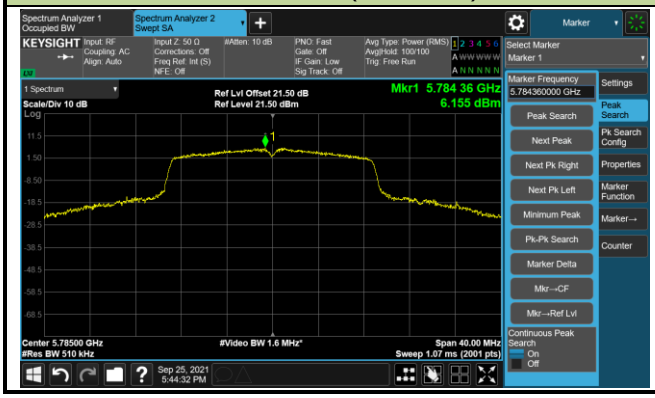
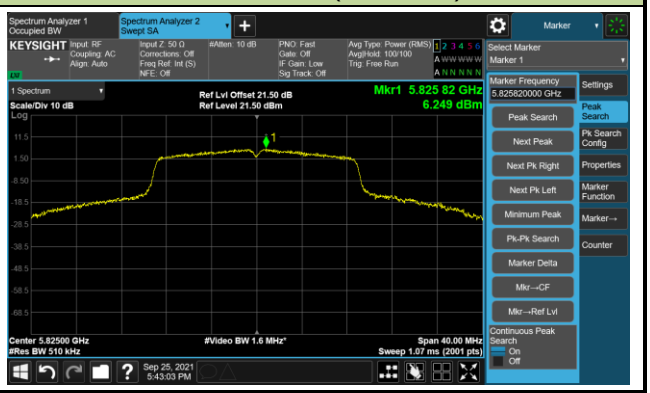
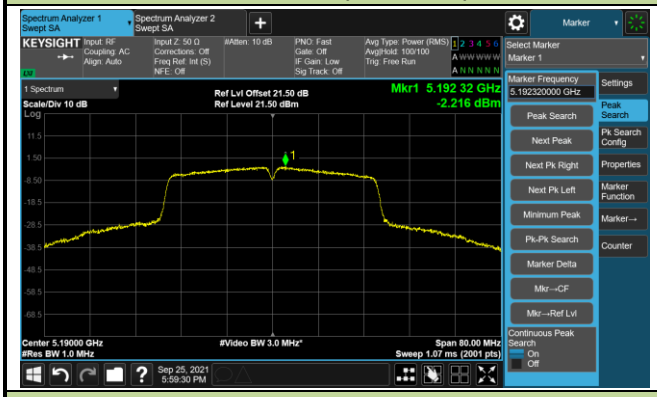
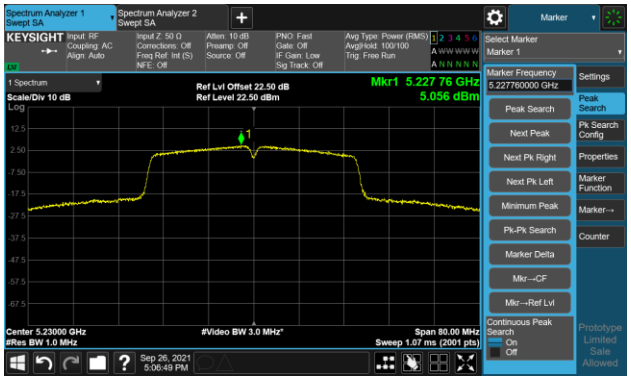
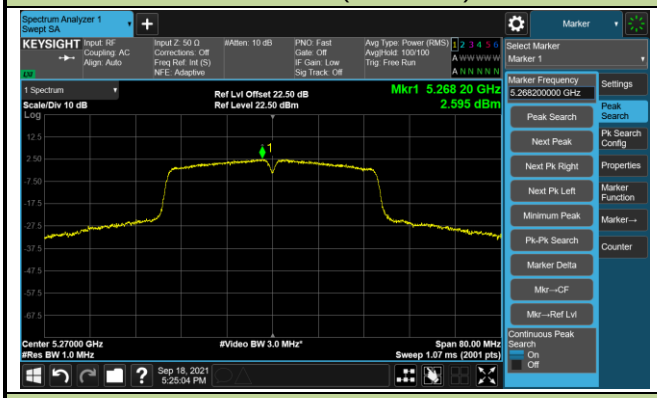
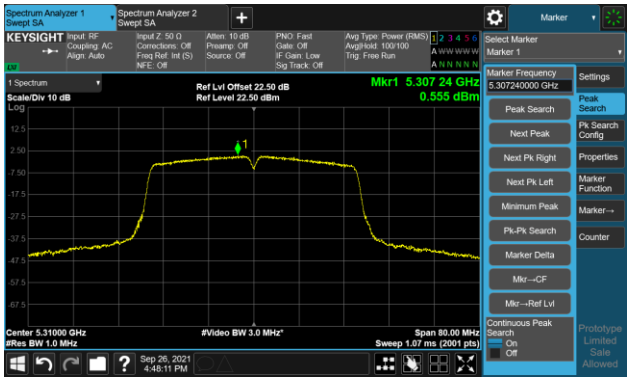
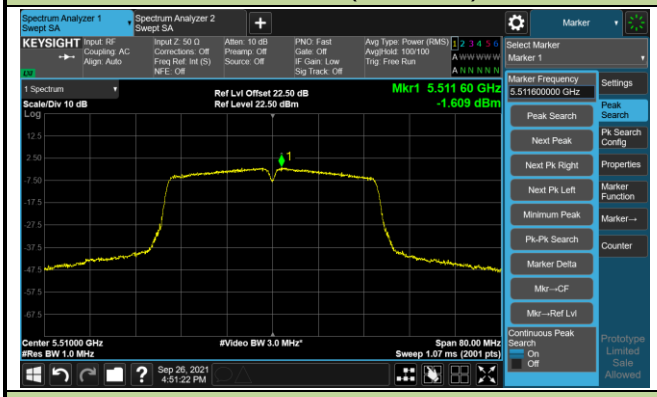
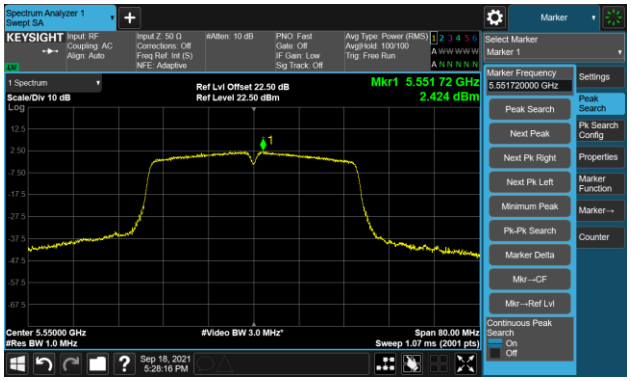
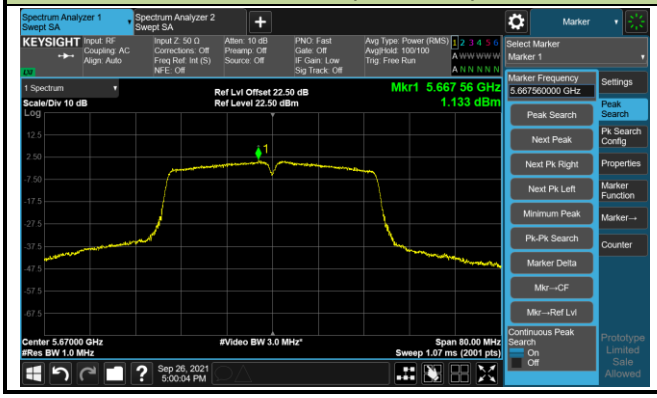
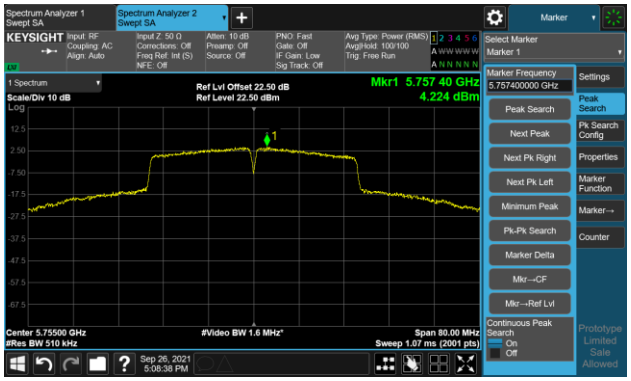
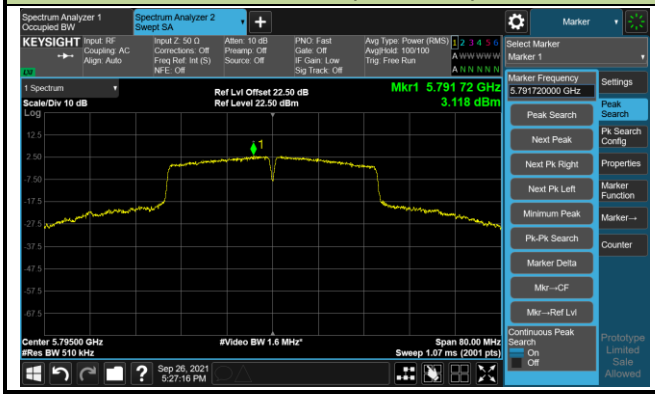
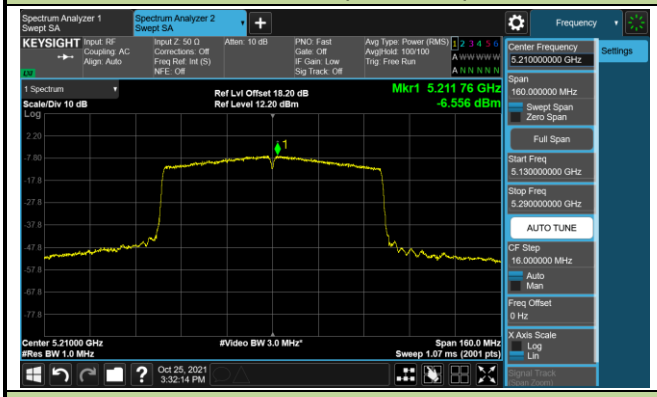
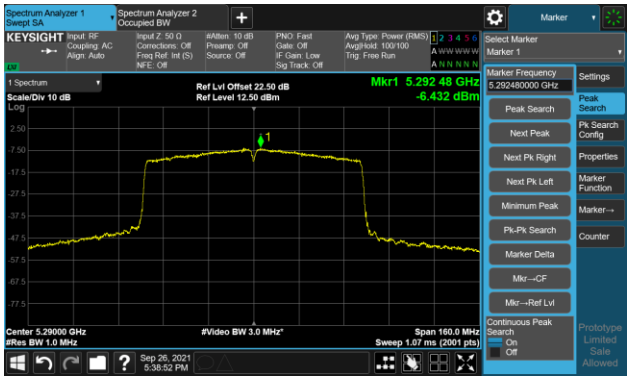
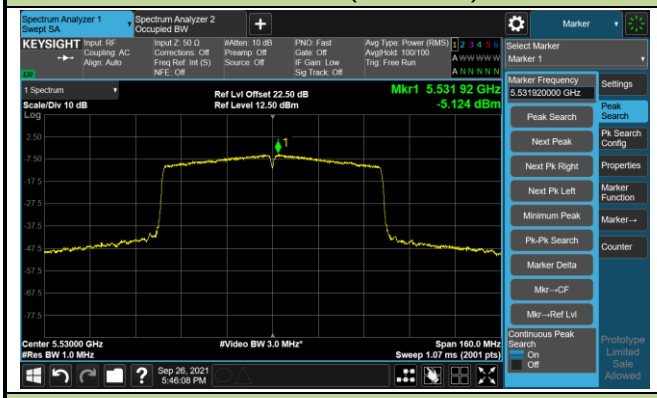
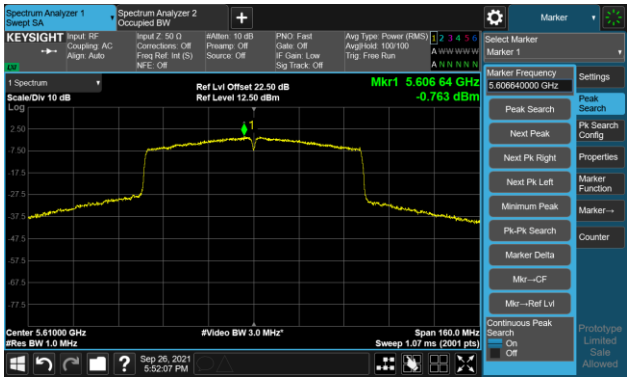
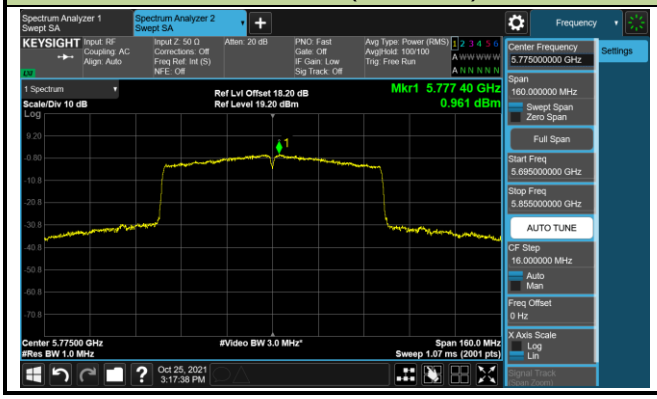
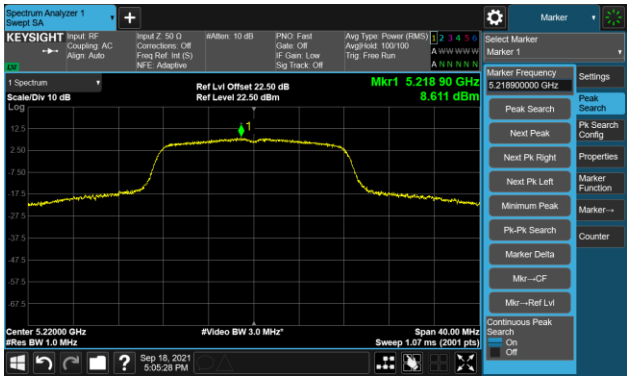
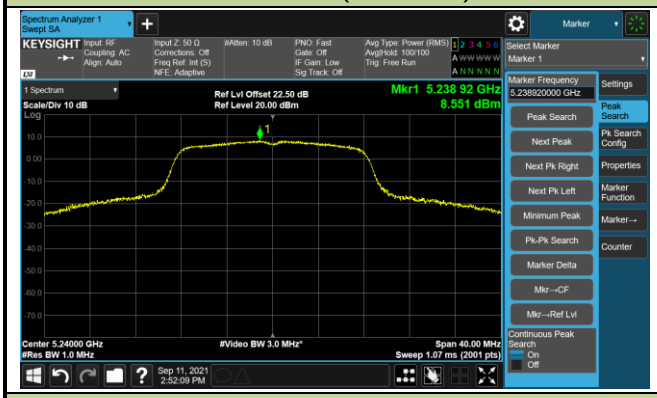
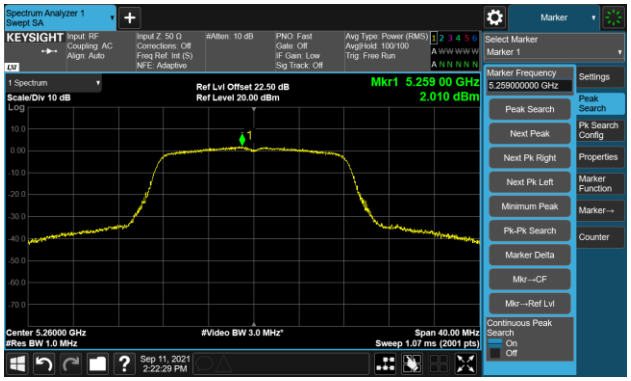
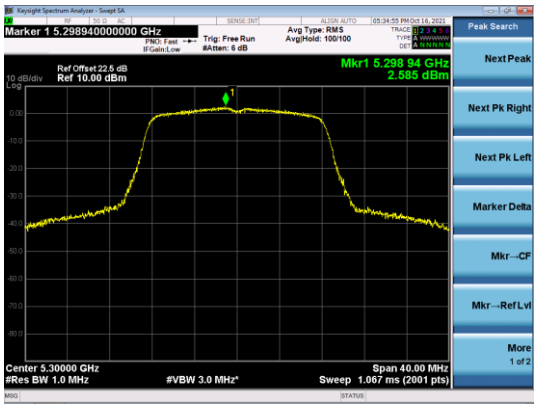
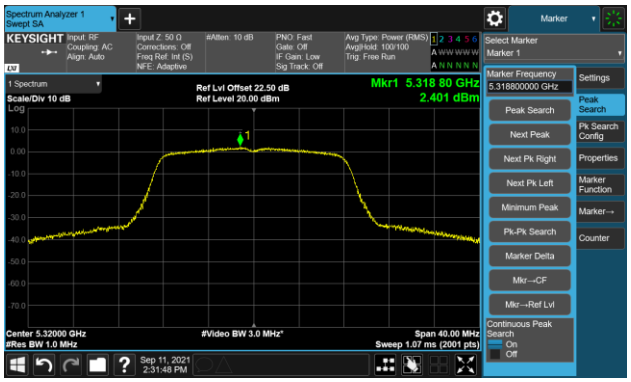
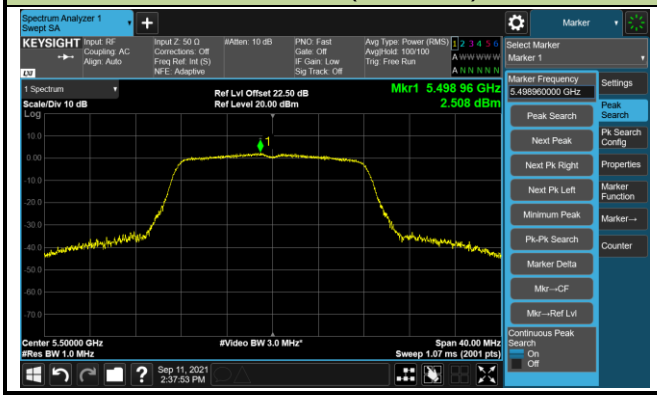
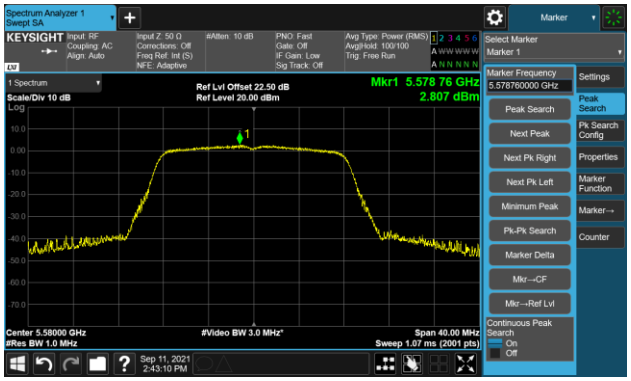
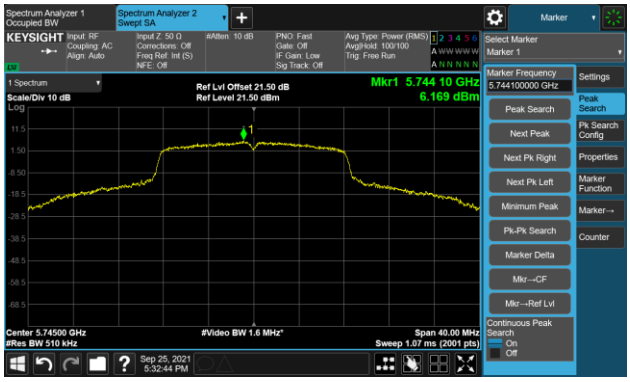
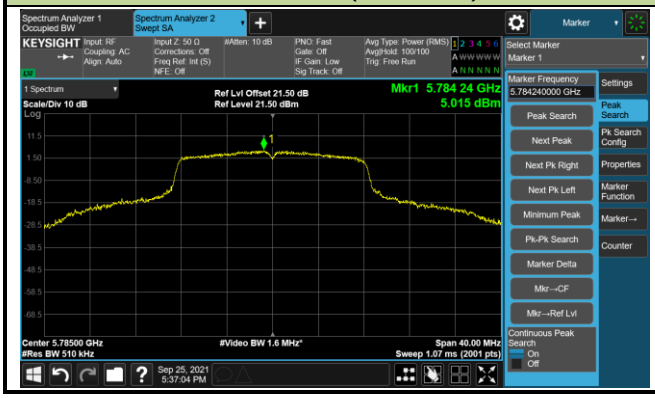
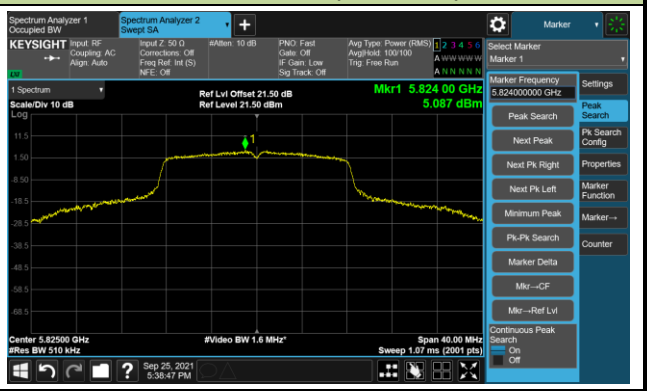
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

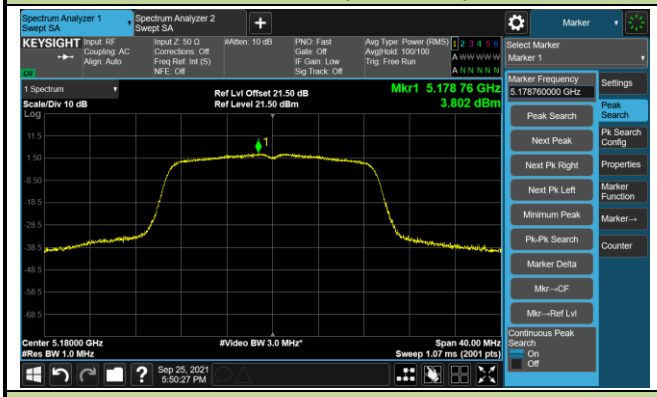
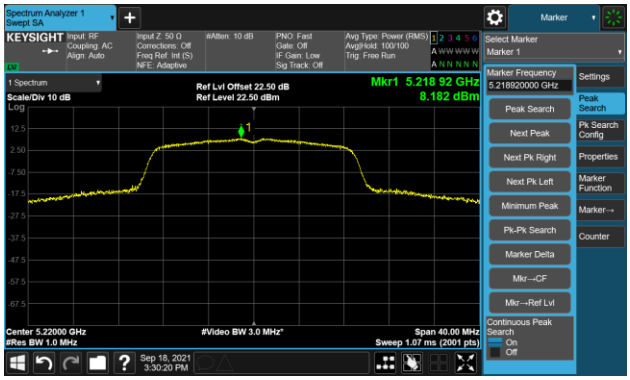
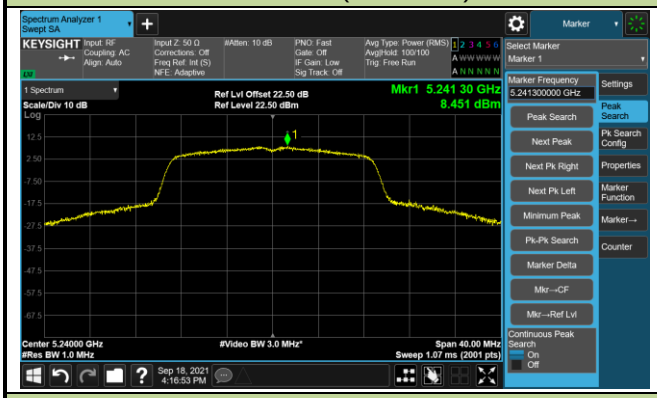
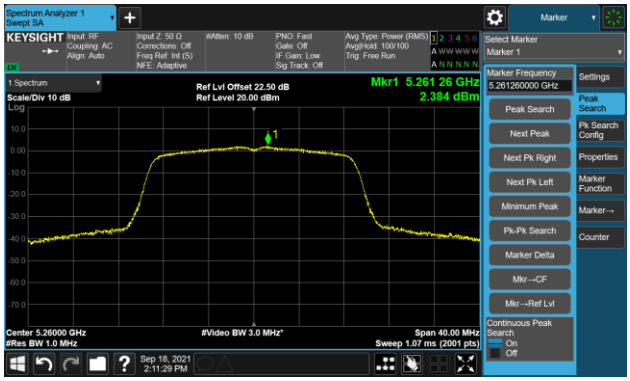
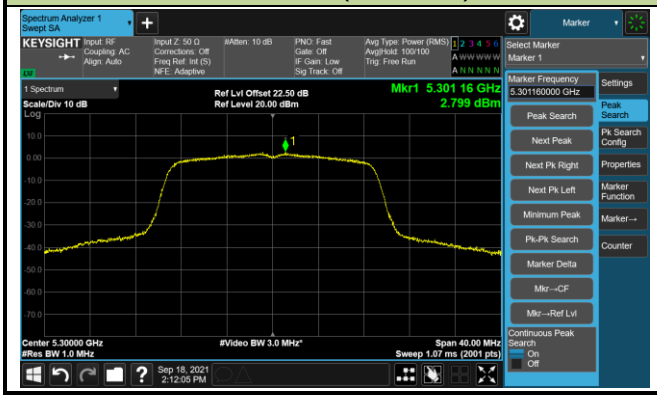
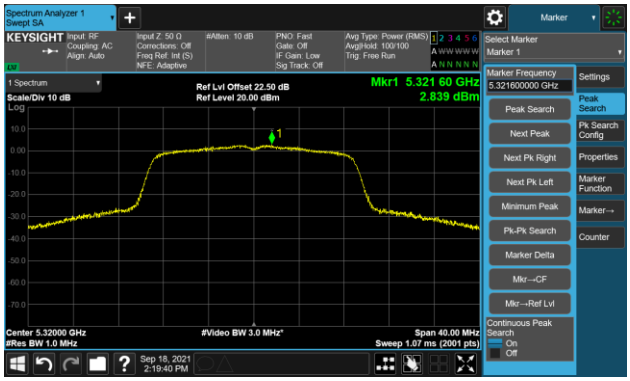
802.11ac-VHT40 Power Spectral Density - Ant 2	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 151 (5755MHz)
	

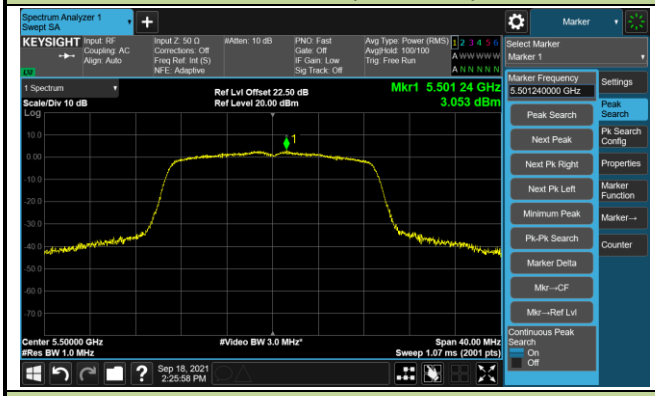
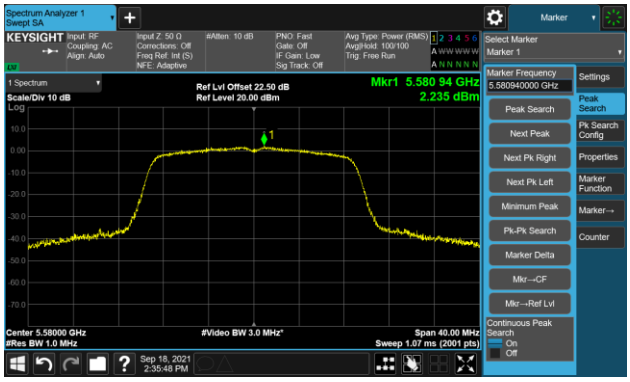
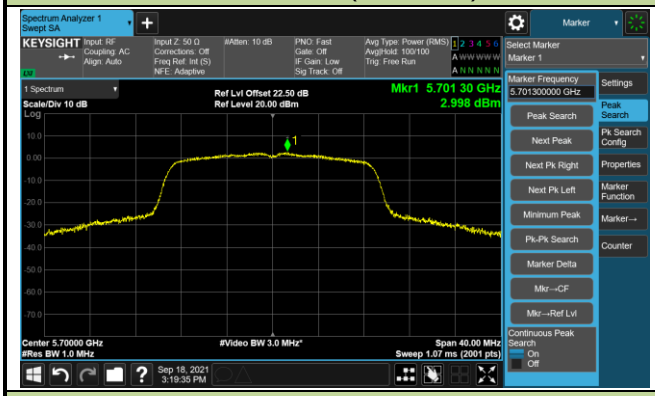
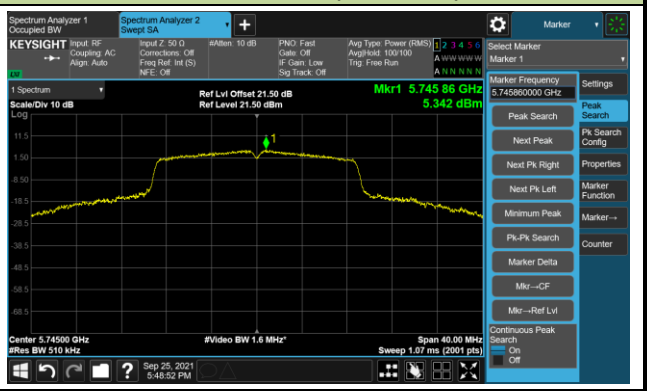
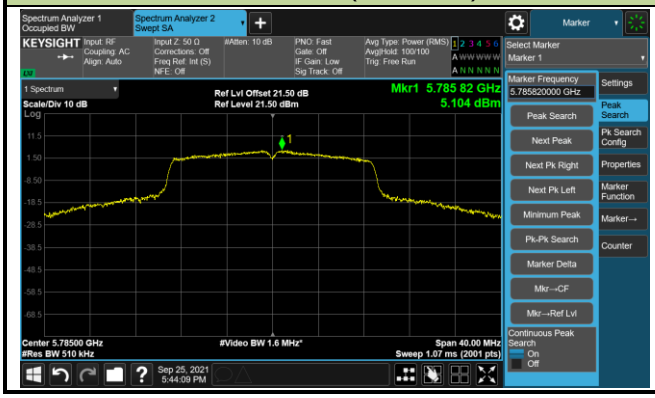
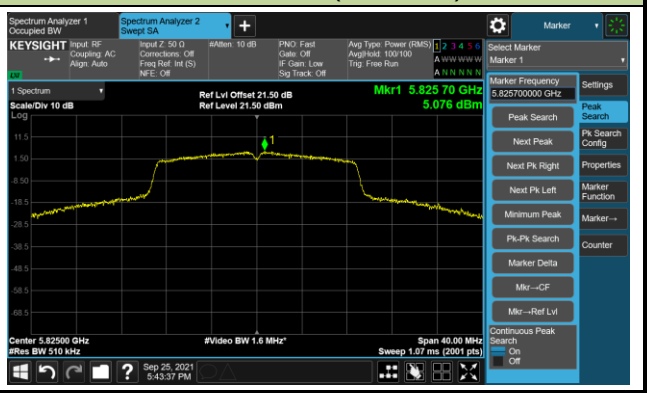
Channel 159 (5795MHz)	
	

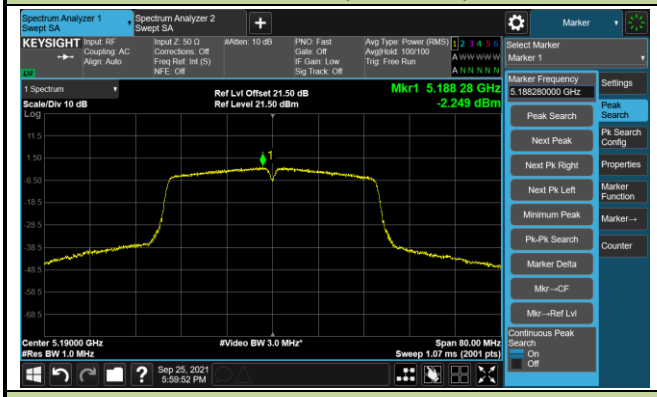
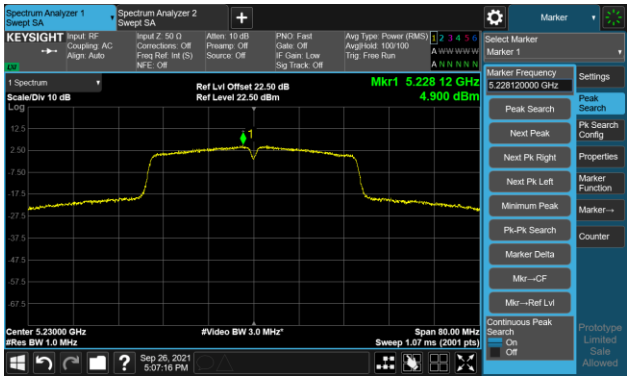
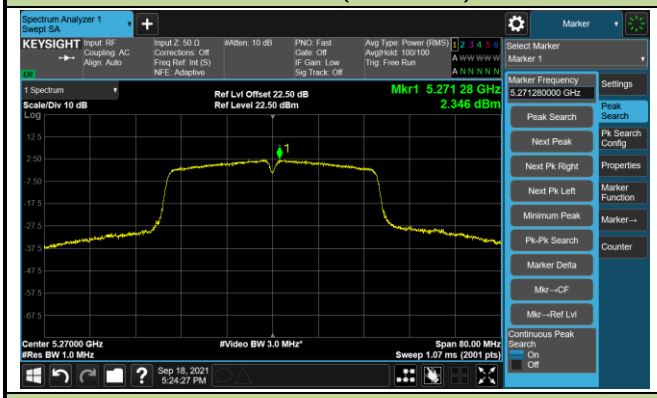
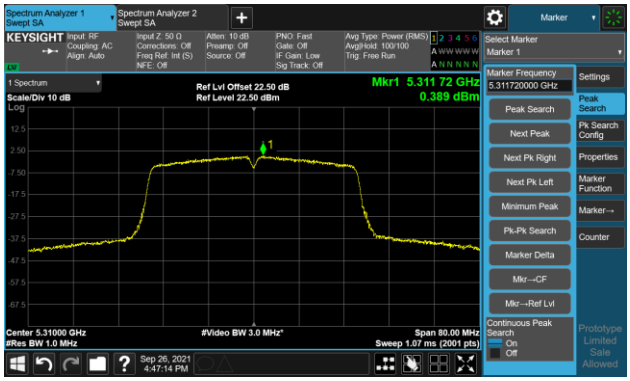
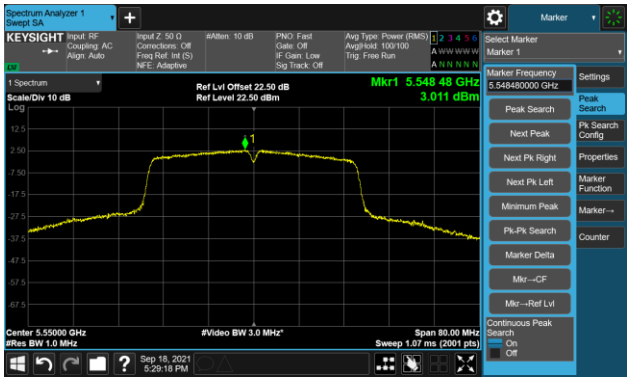
802.11ac-VHT80 Power Spectral Density - Ant 2	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 155 (5775MHz)	
	

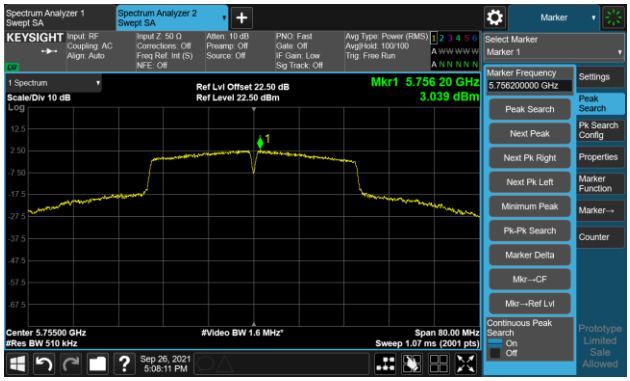
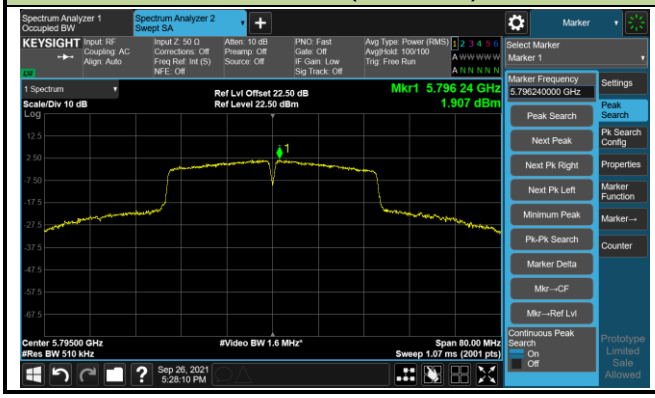
802.11a Power Spectral Density - Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 118 (5580MHz)
	

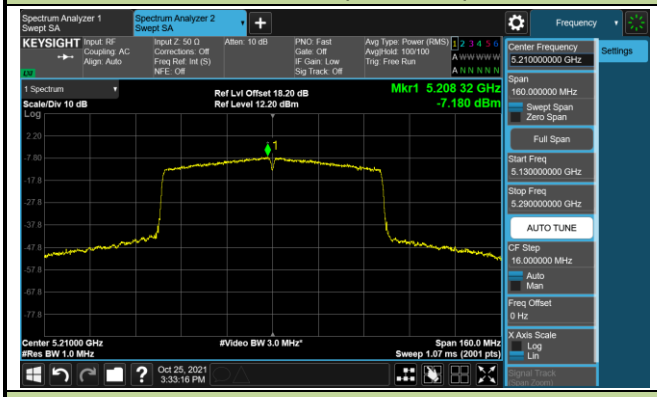
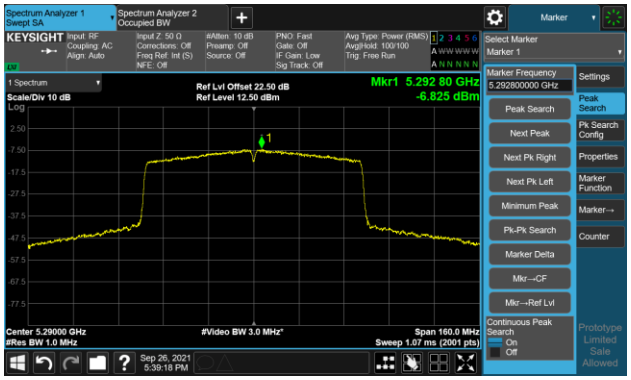
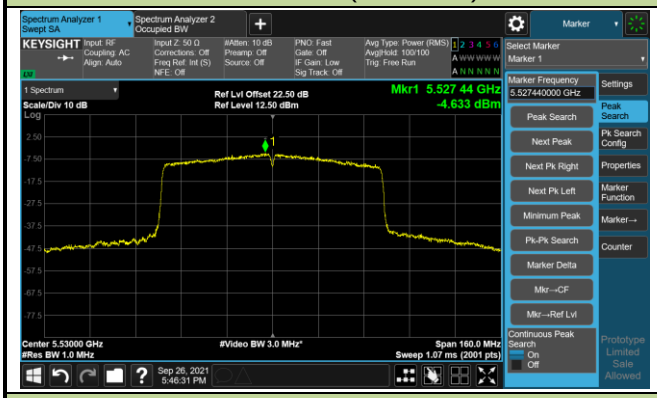
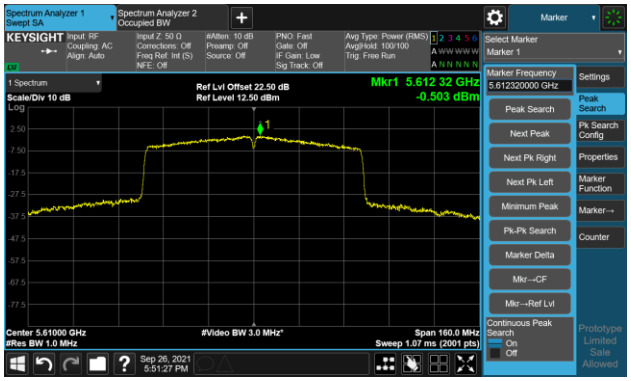
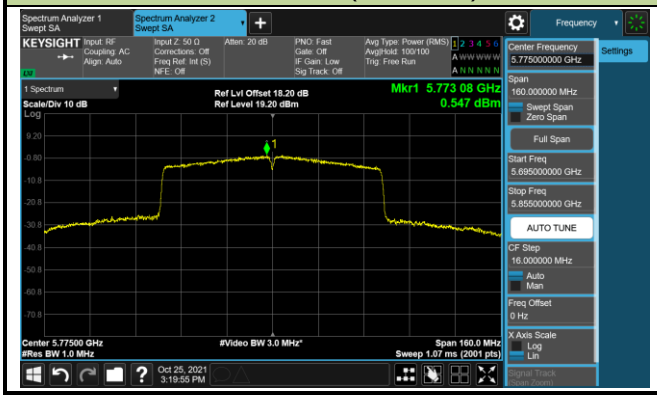
Channel 140 (5700MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

802.11ac-VHT80 Power Spectral Density - Ant 3	
Channel 41 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 155 (5775MHz)	
	

A.5 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Luis Yang
Test Date	2021/10/27	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	12.99	13.12	13.14	13.16
		- 20	10.32	10.88	11.40	11.62
		- 10	4.92	5.85	6.53	8.00
		0	-1.60	0.03	1.13	2.56
		+ 10	-5.05	-4.44	-3.97	-3.01
		+ 20	-8.01	-7.90	-7.84	-6.60
		+ 30	-10.07	-10.03	-10.01	-9.99
		+ 40	-10.17	-10.17	-10.17	-10.17
		+ 50	-7.39	-7.68	-7.88	-8.02
115%	138	+ 20	-7.05	-7.95	-8.53	-8.89
85%	102	+ 20	-8.95	-9.12	-9.25	-9.38

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

A.6 Radiated Spurious Emission Measurement Test Result

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10358.5	54.0	3.4	57.4	68.2	-10.8	Peak	Horizontal
	10919.5	43.3	4.8	48.1	74.0	-25.9	Peak	Horizontal
*	13860.5	43.3	6.5	49.8	68.2	-18.4	Peak	Horizontal
	15577.5	41.7	6.9	48.6	74.0	-25.4	Peak	Horizontal
*	10358.5	58.4	3.2	61.6	68.2	-6.6	Peak	Vertical
	10902.5	43.9	4.1	48.0	74.0	-26.0	Peak	Vertical
*	13546.0	43.7	6.6	50.3	68.2	-17.9	Peak	Vertical
	15552.0	45.7	6.9	52.6	74.0	-21.4	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9423.5	44.8	1.9	46.7	74.0	-27.3	Peak	Horizontal
*	10435.0	54.0	3.2	57.2	68.2	-11.0	Peak	Horizontal
	11829.0	44.1	3.6	47.7	74.0	-26.3	Peak	Horizontal
*	14175.0	41.6	8.2	49.8	68.2	-18.4	Peak	Horizontal
*	10443.5	57.9	3.3	61.2	68.2	-7.0	Peak	Vertical
	11956.5	43.1	4.0	47.1	74.0	-26.9	Peak	Vertical
*	13852.0	43.1	6.5	49.6	68.2	-18.6	Peak	Vertical
	15645.5	45.5	6.5	52.0	74.0	-22.0	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	45.4	-0.2	45.2	74.0	-28.8	Peak	Horizontal
*	10486.0	53.5	3.5	57.0	68.2	-11.2	Peak	Horizontal
	12092.5	43.0	4.4	47.4	74.0	-26.6	Peak	Horizontal
*	14217.5	42.2	8.0	50.2	68.2	-18.0	Peak	Horizontal
	8335.5	45.0	-1.2	43.8	74.0	-30.2	Peak	Vertical
*	10486.0	57.5	3.5	61.0	68.2	-7.2	Peak	Vertical
	12007.5	43.1	4.0	47.1	74.0	-26.9	Peak	Vertical
*	14591.5	41.1	9.0	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8293.0	44.7	-0.8	43.9	74.0	-30.1	Peak	Horizontal
*	10520.0	50.3	3.3	53.6	68.2	-14.6	Peak	Horizontal
	11497.5	43.9	4.8	48.7	74.0	-25.3	Peak	Horizontal
*	14166.5	42.3	8.3	50.6	68.2	-17.6	Peak	Horizontal
	8140.0	45.0	-0.2	44.8	74.0	-29.2	Peak	Vertical
*	10520.0	53.5	3.3	56.8	68.2	-11.4	Peak	Vertical
	11667.5	43.8	4.1	47.9	74.0	-26.1	Peak	Vertical
*	14464.0	41.9	8.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9712.5	44.6	2.4	47.0	68.2	-21.2	Peak	Horizontal
	10605.0	51.0	3.1	54.1	74.0	-19.9	Peak	Horizontal
	10605.0	40.3	3.1	43.4	54.0	-10.6	Average	Horizontal
	11659.0	44.4	4.1	48.5	74.0	-25.5	Peak	Horizontal
*	13988.0	40.5	6.5	47.0	68.2	-21.2	Peak	Horizontal
*	10350.0	46.0	3.3	49.3	68.2	-18.9	Peak	Vertical
	10605.0	54.1	3.1	57.2	74.0	-16.8	Peak	Vertical
	10605.0	44.6	3.1	47.7	54.0	-6.3	Average	Vertical
	11999.0	44.5	4.0	48.5	74.0	-25.5	Peak	Vertical
*	13546.0	42.4	6.6	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10639.0	51.4	3.7	55.1	74.0	-18.9	Peak	Horizontal
	10639.0	39.1	3.7	42.8	54.0	-11.2	Average	Horizontal
	11540.0	43.9	4.6	48.5	74.0	-25.5	Peak	Horizontal
*	14047.5	42.2	7.2	49.4	68.2	-18.8	Peak	Horizontal
*	14855.0	41.0	8.6	49.6	68.2	-18.6	Peak	Horizontal
	10647.5	53.6	3.4	57.0	74.0	-17.0	Peak	Vertical
	10647.5	45.4	3.4	48.8	54.0	-5.2	Average	Vertical
	11616.5	43.1	4.7	47.8	74.0	-26.2	Peak	Vertical
*	14285.5	42.9	7.8	50.7	68.2	-17.5	Peak	Vertical
*	14744.5	40.6	8.2	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11004.5	47.9	4.3	52.2	74.0	-21.8	Peak	Horizontal
	11973.5	43.6	4.2	47.8	74.0	-26.2	Peak	Horizontal
*	14132.5	42.1	7.7	49.8	68.2	-18.4	Peak	Horizontal
*	15144.0	40.3	7.6	47.9	68.2	-20.3	Peak	Horizontal
*	9891.0	44.6	2.4	47.0	68.2	-21.2	Peak	Vertical
	11004.5	52.8	4.3	57.1	74.0	-16.9	Peak	Vertical
	11004.5	42.9	4.3	47.2	54.0	-6.8	Average	Vertical
	12509.0	43.1	4.0	47.1	74.0	-26.9	Peak	Vertical
*	14447.0	41.9	8.5	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10018.5	42.2	2.3	44.5	68.2	-23.7	Peak	Horizontal
	11166.0	49.2	4.0	53.2	74.0	-20.8	Peak	Horizontal
	11795.0	44.3	4.1	48.4	74.0	-25.6	Peak	Horizontal
*	14455.5	42.2	8.4	50.6	68.2	-17.6	Peak	Horizontal
*	9738.0	44.8	2.6	47.4	68.2	-20.8	Peak	Vertical
	11166.0	53.0	4.0	57.0	74.0	-17.0	Peak	Vertical
	11166.0	42.4	4.0	46.4	54.0	-7.6	Average	Vertical
	12126.5	43.3	4.3	47.6	74.0	-26.4	Peak	Vertical
*	14362.0	42.1	8.2	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9423.5	46.0	1.9	47.9	74.0	-26.1	Peak	Horizontal
*	9806.0	44.5	2.6	47.1	68.2	-21.1	Peak	Horizontal
	11395.5	46.9	4.4	51.3	74.0	-22.7	Peak	Horizontal
*	14183.5	42.2	8.1	50.3	68.2	-17.9	Peak	Horizontal
	8403.5	45.9	-1.0	44.9	74.0	-29.1	Peak	Vertical
*	10358.5	45.7	3.2	48.9	68.2	-19.3	Peak	Vertical
	11395.5	50.6	4.4	55.0	74.0	-19.0	Peak	Vertical
	11395.5	40.8	4.4	45.2	54.0	-8.8	Average	Vertical
*	14132.5	41.5	7.7	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7545.0	44.3	-1.7	42.6	74.0	-31.4	Peak	Horizontal
*	8913.5	43.9	0.6	44.5	68.2	-23.7	Peak	Horizontal
*	9831.5	45.0	2.7	47.7	68.2	-20.5	Peak	Horizontal
	11489.0	52.5	4.6	57.1	74.0	-16.9	Peak	Horizontal
	11489.0	41.0	4.6	45.6	54.0	-8.4	Average	Horizontal
	8140.0	46.5	-0.2	46.3	74.0	-27.7	Peak	Vertical
*	10367.0	46.9	3.1	50.0	68.2	-18.2	Peak	Vertical
	11489.0	58.8	5.0	63.8	74.0	-10.2	Peak	Vertical
	11489.0	47.7	5.0	52.7	54.0	-1.3	Average	Vertical
*	14566.0	41.4	8.9	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	45.8	-0.9	44.9	74.0	-29.1	Peak	Horizontal
*	10418.0	45.9	3.1	49.0	68.2	-19.2	Peak	Horizontal
	11565.5	51.7	4.5	56.2	74.0	-17.8	Peak	Horizontal
	11565.5	41.8	4.5	46.3	54.0	-7.7	Average	Horizontal
*	14158.0	39.5	8.3	47.8	68.2	-20.4	Peak	Horizontal
*	8760.5	44.5	0.6	45.1	68.2	-23.1	Peak	Vertical
	9406.5	45.0	2.0	47.0	74.0	-27.0	Peak	Vertical
	11565.5	59.6	4.5	64.1	74.0	-9.9	Peak	Vertical
	11565.5	47.8	4.5	52.3	54.0	-1.7	Average	Vertical
*	13945.5	42.5	6.8	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9219.5	44.2	1.8	46.0	68.2	-22.2	Peak	Horizontal
*	10239.5	43.1	2.5	45.6	68.2	-22.6	Peak	Horizontal
	11650.5	52.5	4.2	56.7	74.0	-17.3	Peak	Horizontal
	11650.5	40.9	4.2	45.1	54.0	-8.9	Average	Horizontal
	15637.0	40.5	6.9	47.4	74.0	-26.6	Peak	Horizontal
	8106.0	46.3	0.0	46.3	74.0	-27.7	Peak	Vertical
*	9746.5	43.9	2.6	46.5	68.2	-21.7	Peak	Vertical
	11650.5	60.1	4.7	64.8	74.0	-9.2	Peak	Vertical
	11650.5	48.8	4.7	53.5	54.0	-0.5	Average	Vertical
*	13665.0	43.2	6.0	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10358.5	51.4	3.2	54.6	68.2	-13.6	Peak	Horizontal
	12101.0	43.4	4.5	47.9	74.0	-26.1	Peak	Horizontal
*	14566.0	42.0	8.9	50.9	68.2	-17.3	Peak	Horizontal
	15628.5	45.4	6.6	52.0	74.0	-22.0	Peak	Horizontal
*	10367.0	55.0	3.1	58.1	68.2	-10.1	Peak	Vertical
	11616.5	43.7	4.7	48.4	74.0	-25.6	Peak	Vertical
*	13971.0	41.0	7.2	48.2	68.2	-20.0	Peak	Vertical
	15543.5	43.6	6.8	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8157.0	45.3	-0.1	45.2	74.0	-28.8	Peak	Horizontal
*	10435.0	52.7	3.2	55.9	68.2	-12.3	Peak	Horizontal
	12194.5	43.6	4.2	47.8	74.0	-26.2	Peak	Horizontal
*	13903.0	41.4	6.1	47.5	68.2	-20.7	Peak	Horizontal
	8148.5	46.3	-0.1	46.2	74.0	-27.8	Peak	Vertical
*	10435.0	55.9	3.2	59.1	68.2	-9.1	Peak	Vertical
	11744.0	43.8	4.0	47.8	74.0	-26.2	Peak	Vertical
*	13554.5	43.5	6.4	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8157.0	44.9	-0.1	44.8	74.0	-29.2	Peak	Horizontal
*	10477.5	51.1	3.4	54.5	68.2	-13.7	Peak	Horizontal
	11472.0	43.6	4.6	48.2	74.0	-25.8	Peak	Horizontal
*	14268.5	42.1	7.7	49.8	68.2	-18.4	Peak	Horizontal
	8327.0	44.8	-1.2	43.6	74.0	-30.4	Peak	Vertical
*	10477.5	55.6	3.4	59.0	68.2	-9.2	Peak	Vertical
	10809.0	45.5	3.9	49.4	74.0	-24.6	Peak	Vertical
*	13724.5	41.5	5.2	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10520.0	47.3	3.3	50.6	68.2	-17.6	Peak	Horizontal
	11616.5	43.3	4.7	48.0	74.0	-26.0	Peak	Horizontal
*	14158.0	41.6	8.3	49.9	68.2	-18.3	Peak	Horizontal
	15628.5	47.1	6.6	53.7	74.0	-20.3	Peak	Horizontal
	15628.5	40.3	5.7	46.0	54.0	-8.0	Average	Horizontal
	8123.0	44.7	-0.1	44.6	74.0	-29.4	Peak	Vertical
*	10520.0	50.8	3.3	54.1	68.2	-14.1	Peak	Vertical
	12228.5	43.3	4.2	47.5	74.0	-26.5	Peak	Vertical
*	14719.0	42.8	8.6	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	45.1	-1.4	43.7	74.0	-30.3	Peak	Horizontal
*	10596.5	49.3	3.2	52.5	68.2	-15.7	Peak	Horizontal
	11616.5	44.4	4.7	49.1	74.0	-24.9	Peak	Horizontal
*	14583.0	41.2	9.1	50.3	68.2	-17.9	Peak	Horizontal
	8259.0	46.4	-0.7	45.7	74.0	-28.3	Peak	Vertical
*	10588.0	53.3	3.3	56.6	68.2	-11.6	Peak	Vertical
	11064.0	43.9	4.3	48.2	74.0	-25.8	Peak	Vertical
*	14566.0	41.6	8.9	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8157.0	46.0	-0.1	45.9	74.0	-28.1	Peak	Horizontal
*	9797.5	45.2	2.6	47.8	68.2	-20.4	Peak	Horizontal
	10639.0	48.5	3.4	51.9	74.0	-22.1	Peak	Horizontal
*	14617.0	40.7	9.3	50.0	68.2	-18.2	Peak	Horizontal
	10639.0	54.2	3.4	57.6	74.0	-16.4	Peak	Vertical
	10639.0	43.6	3.4	47.0	54.0	-7.0	Average	Vertical
	12458.0	43.8	4.4	48.2	74.0	-25.8	Peak	Vertical
*	14234.5	41.8	8.2	50.0	68.2	-18.2	Peak	Vertical
*	14744.5	43.0	8.2	51.2	68.2	-17.0	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9168.5	45.2	1.6	46.8	74.0	-27.2	Peak	Horizontal
*	9823.0	44.9	2.7	47.6	68.2	-20.6	Peak	Horizontal
	10996.0	48.5	4.3	52.8	74.0	-21.2	Peak	Horizontal
*	14753.0	42.1	8.0	50.1	68.2	-18.1	Peak	Horizontal
	8089.0	44.5	-0.1	44.4	74.0	-29.6	Peak	Vertical
*	10358.5	46.7	3.2	49.9	68.2	-18.3	Peak	Vertical
	11004.5	53.6	4.3	57.9	74.0	-16.1	Peak	Vertical
	11004.5	42.8	4.3	47.1	54.0	-6.9	Average	Vertical
*	14438.5	41.5	8.5	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8131.5	45.6	-0.2	45.4	74.0	-28.6	Peak	Horizontal
*	9976.0	44.7	2.5	47.2	68.2	-21.0	Peak	Horizontal
	11157.5	48.0	4.0	52.0	74.0	-22.0	Peak	Horizontal
*	14447.0	41.8	8.5	50.3	68.2	-17.9	Peak	Horizontal
	8114.5	44.3	-0.1	44.2	74.0	-29.8	Peak	Vertical
*	10358.5	46.0	3.2	49.2	68.2	-19.0	Peak	Vertical
	11166.0	51.0	4.0	55.0	74.0	-19.0	Peak	Vertical
	11166.0	41.8	4.0	45.8	54.0	-8.2	Average	Vertical
*	14872.0	42.7	8.0	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8335.5	46.0	-1.2	44.8	74.0	-29.2	Peak	Horizontal
*	10511.5	44.7	3.3	48.0	68.2	-20.2	Peak	Horizontal
	11395.5	46.3	4.4	50.7	74.0	-23.3	Peak	Horizontal
*	14532.0	41.4	8.8	50.2	68.2	-18.0	Peak	Horizontal
*	7995.5	46.6	-1.2	45.4	68.2	-22.8	Peak	Vertical
	9423.5	45.1	1.9	47.0	74.0	-27.0	Peak	Vertical
	11404.0	50.8	4.5	55.3	74.0	-18.7	Peak	Vertical
	11404.0	40.9	4.5	45.4	54.0	-8.6	Average	Vertical
*	14540.5	43.0	8.7	51.7	68.2	-16.5	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10358.5	45.1	3.4	48.5	68.2	-19.7	Peak	Horizontal
	11480.5	53.4	4.6	58.0	74.0	-16.0	Peak	Horizontal
	11480.5	42.1	4.6	46.7	54.0	-7.3	Average	Horizontal
*	13648.0	44.5	5.2	49.7	68.2	-18.5	Peak	Horizontal
	15552.0	42.1	6.9	49.0	74.0	-25.0	Peak	Horizontal
	8157.0	44.7	-0.1	44.6	74.0	-29.4	Peak	Vertical
*	10333.0	43.4	3.3	46.7	68.2	-21.5	Peak	Vertical
	11480.5	57.8	4.6	62.4	74.0	-11.6	Peak	Vertical
	11480.5	46.9	4.6	51.5	54.0	-2.5	Average	Vertical
*	14013.5	43.0	6.9	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8114.5	44.8	-0.1	44.7	74.0	-29.3	Peak	Horizontal
*	9840.0	44.5	2.7	47.2	68.2	-21.0	Peak	Horizontal
	11565.5	51.8	4.5	56.3	74.0	-17.7	Peak	Horizontal
	11565.5	44.9	4.5	49.4	54.0	-4.6	Average	Horizontal
*	14574.5	41.5	9.0	50.5	68.2	-17.7	Peak	Horizontal
	8131.5	45.8	-0.2	45.6	74.0	-28.4	Peak	Vertical
*	9831.5	44.5	2.7	47.2	68.2	-21.0	Peak	Vertical
	11565.5	58.6	4.5	63.1	74.0	-10.9	Peak	Vertical
	11565.5	47.7	4.5	52.2	54.0	-1.8	Average	Vertical
*	14617.0	41.8	9.3	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9933.5	44.4	2.6	47.0	68.2	-21.2	Peak	Horizontal
	11650.5	50.6	4.2	54.8	74.0	-19.2	Peak	Horizontal
	11650.5	43.9	4.2	48.1	54.0	-5.9	Average	Horizontal
*	14583.0	42.0	9.1	51.1	68.2	-17.1	Peak	Horizontal
	15552.0	42.3	6.9	49.2	74.0	-24.8	Peak	Horizontal
	8114.5	45.0	-0.1	44.9	74.0	-29.1	Peak	Vertical
*	10358.5	46.7	3.2	49.9	68.2	-18.3	Peak	Vertical
	11642.0	57.1	4.3	61.4	74.0	-12.6	Peak	Vertical
	11642.0	47.9	4.3	52.2	54.0	-1.8	Average	Vertical
*	14183.5	42.4	8.1	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10418.0	47.4	3.1	50.5	68.2	-17.7	Peak	Horizontal
	11795.0	44.4	4.1	48.5	74.0	-25.5	Peak	Horizontal
*	13826.5	43.3	6.3	49.6	68.2	-18.6	Peak	Horizontal
	15637.0	42.5	6.9	49.4	74.0	-24.6	Peak	Horizontal
	8148.5	44.8	-0.1	44.7	74.0	-29.3	Peak	Vertical
*	8709.5	45.5	0.3	45.8	68.2	-22.4	Peak	Vertical
*	10384.0	48.3	3.2	51.5	68.2	-16.7	Peak	Vertical
	11650.5	43.7	4.2	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8437.5	45.7	-0.8	44.9	74.0	-29.1	Peak	Horizontal
*	10452.0	49.4	3.4	52.8	68.2	-15.4	Peak	Horizontal
	11565.5	43.5	4.5	48.0	74.0	-26.0	Peak	Horizontal
*	14617.0	42.1	9.3	51.4	68.2	-16.8	Peak	Horizontal
	8063.5	46.3	-0.5	45.8	74.0	-28.2	Peak	Vertical
*	10460.5	55.2	3.4	58.6	68.2	-9.6	Peak	Vertical
	11557.0	43.4	4.4	47.8	74.0	-26.2	Peak	Vertical
*	14166.5	41.6	8.3	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9066.5	45.2	1.2	46.4	74.0	-27.6	Peak	Horizontal
*	10545.5	49.8	3.1	52.9	68.2	-15.3	Peak	Horizontal
	11769.5	43.1	4.0	47.1	74.0	-26.9	Peak	Horizontal
*	14532.0	41.7	8.8	50.5	68.2	-17.7	Peak	Horizontal
*	10537.0	53.5	3.1	56.6	68.2	-11.6	Peak	Vertical
	11642.0	43.4	4.3	47.7	74.0	-26.3	Peak	Vertical
*	14608.5	41.4	9.1	50.5	68.2	-17.7	Peak	Vertical
	15654.0	43.0	6.1	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10622.0	47.8	3.2	51.0	74.0	-23.0	Peak	Horizontal
	12092.5	43.1	4.4	47.5	74.0	-26.5	Peak	Horizontal
*	14175.0	41.5	8.2	49.7	68.2	-18.5	Peak	Horizontal
*	15025.0	39.6	7.7	47.3	68.2	-20.9	Peak	Horizontal
*	7944.5	45.0	-1.2	43.8	68.2	-24.4	Peak	Vertical
*	9950.5	44.7	2.5	47.2	68.2	-21.0	Peak	Vertical
	10622.0	50.5	3.2	53.7	74.0	-20.3	Peak	Vertical
	10622.0	43.0	3.4	46.4	54.0	-7.6	Average	Vertical
	11633.5	43.6	4.5	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8378.0	46.3	-0.8	45.5	74.0	-28.5	Peak	Horizontal
*	9840.0	42.4	2.7	45.1	68.2	-23.1	Peak	Horizontal
	11013.0	45.1	4.4	49.5	74.0	-24.5	Peak	Horizontal
*	14302.5	42.1	8.1	50.2	68.2	-18.0	Peak	Horizontal
	8182.5	45.7	-0.5	45.2	74.0	-28.8	Peak	Vertical
*	9593.5	45.4	1.8	47.2	68.2	-21.0	Peak	Vertical
	11021.5	48.7	4.5	53.2	74.0	-20.8	Peak	Vertical
	11021.5	41.7	5.1	46.8	54.0	-7.2	Average	Vertical
*	14617.0	40.9	9.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9882.5	45.3	2.4	47.7	68.2	-20.5	Peak	Horizontal
	11098.0	48.0	4.1	52.1	74.0	-21.9	Peak	Horizontal
	12194.5	43.1	4.2	47.3	74.0	-26.7	Peak	Horizontal
*	13818.0	43.0	6.3	49.3	68.2	-18.9	Peak	Horizontal
	8267.5	45.4	-0.8	44.6	74.0	-29.4	Peak	Vertical
*	9950.5	44.7	2.5	47.2	68.2	-21.0	Peak	Vertical
	11098.0	53.6	4.1	57.7	74.0	-16.3	Peak	Vertical
	11098.0	43.7	4.1	47.8	54.0	-6.2	Average	Vertical
*	14353.5	42.3	8.5	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9967.5	44.6	2.5	47.1	68.2	-21.1	Peak	Horizontal
	11344.5	44.7	4.1	48.8	74.0	-25.2	Peak	Horizontal
*	13622.5	42.9	5.9	48.8	68.2	-19.4	Peak	Horizontal
	15569.0	41.4	6.9	48.3	74.0	-25.7	Peak	Horizontal
	8318.5	45.7	-1.1	44.6	74.0	-29.4	Peak	Vertical
*	9228.0	44.7	1.9	46.6	68.2	-21.6	Peak	Vertical
	11336.0	50.5	4.2	54.7	74.0	-19.3	Peak	Vertical
	11336.0	39.2	4.2	43.4	54.0	-10.6	Average	Vertical
*	14158.0	42.8	8.3	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8250.5	45.4	-0.8	44.6	74.0	-29.4	Peak	Horizontal
*	8752.0	44.3	0.5	44.8	68.2	-23.4	Peak	Horizontal
	11514.5	48.5	4.9	53.4	74.0	-20.6	Peak	Horizontal
	11514.5	41.7	5.4	47.1	54.0	-6.9	Average	Horizontal
*	14200.5	41.9	7.9	49.8	68.2	-18.4	Peak	Horizontal
*	7859.5	43.9	-1.5	42.4	68.2	-25.8	Peak	Vertical
	9313.0	44.6	1.9	46.5	74.0	-27.5	Peak	Vertical
	11506.0	52.9	4.9	57.8	74.0	-16.2	Peak	Vertical
	11506.0	43.5	4.9	48.4	54.0	-5.6	Average	Vertical
*	14540.5	40.6	8.7	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10418.0	47.6	3.1	50.7	68.2	-17.5	Peak	Horizontal
	11582.5	50.4	4.6	55.0	74.0	-19.0	Peak	Horizontal
	11582.5	41.4	4.6	46.0	54.0	-8.0	Average	Horizontal
*	12908.5	43.2	4.6	47.8	68.2	-20.4	Peak	Horizontal
	15560.5	42.0	6.9	48.9	74.0	-25.1	Peak	Horizontal
*	10350.0	45.7	3.3	49.0	68.2	-19.2	Peak	Vertical
	11591.0	55.2	4.5	59.7	74.0	-14.3	Peak	Vertical
	11591.0	44.3	4.5	48.8	54.0	-5.2	Average	Vertical
*	13860.5	43.8	6.5	50.3	68.2	-17.9	Peak	Vertical
	15671.0	41.1	6.9	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8072.0	45.1	-0.4	44.7	74.0	-29.3	Peak	Horizontal
*	10418.0	46.9	3.1	50.0	68.2	-18.2	Peak	Horizontal
	11650.5	43.6	4.2	47.8	74.0	-26.2	Peak	Horizontal
*	14234.5	42.7	8.2	50.9	68.2	-17.3	Peak	Horizontal
	8250.5	45.4	-0.8	44.6	74.0	-29.4	Peak	Vertical
*	10358.5	45.4	3.2	48.6	68.2	-19.6	Peak	Vertical
	11081.0	44.6	4.0	48.6	74.0	-25.4	Peak	Vertical
*	14192.0	42.2	8.1	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8216.5	44.5	-0.5	44.0	74.0	-30.0	Peak	Horizontal
*	9840.0	44.1	3.3	47.4	68.2	-20.8	Peak	Horizontal
	11149.0	44.0	5.0	49.0	74.0	-25.0	Peak	Horizontal
*	14039.0	42.2	6.9	49.1	68.2	-19.1	Peak	Horizontal
	8199.5	45.0	-0.4	44.6	74.0	-29.4	Peak	Vertical
*	9780.5	45.5	2.7	48.2	68.2	-20.0	Peak	Vertical
	10996.0	43.2	4.9	48.1	74.0	-25.9	Peak	Vertical
*	14192.0	43.0	8.0	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9160.0	44.1	2.1	46.2	74.0	-27.8	Peak	Horizontal
*	10460.5	44.0	3.7	47.7	68.2	-20.5	Peak	Horizontal
	11055.5	43.6	5.6	49.2	74.0	-24.8	Peak	Horizontal
*	14149.5	41.3	8.2	49.5	68.2	-18.7	Peak	Horizontal
	8378.0	45.7	-0.8	44.9	74.0	-29.1	Peak	Vertical
*	10367.0	45.0	3.3	48.3	68.2	-19.9	Peak	Vertical
	11064.0	46.3	5.4	51.7	74.0	-22.3	Peak	Vertical
*	14540.5	42.0	8.5	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8106.0	44.5	0.2	44.7	74.0	-29.3	Peak	Horizontal
	11225.5	44.5	4.7	49.2	74.0	-24.8	Peak	Horizontal
*	13155.0	43.1	4.5	47.6	68.2	-20.6	Peak	Horizontal
*	15016.5	42.2	7.8	50.0	68.2	-18.2	Peak	Horizontal
	8165.5	45.1	0.0	45.1	74.0	-28.9	Peak	Vertical
	11217.0	48.8	4.5	53.3	74.0	-20.7	Peak	Vertical
	11217.0	40.4	4.5	44.9	54.0	-9.1	Average	Vertical
*	12985.0	43.2	4.5	47.7	68.2	-20.5	Peak	Vertical
*	14005.0	41.4	7.2	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/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC2	Test Engineer	White Wang
Test Date	2021/10/10	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/m)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9814.5	45.6	3.0	48.6	68.2	-19.6	Peak	Horizontal
	11548.5	45.6	5.3	50.9	74.0	-23.1	Peak	Horizontal
*	14158.0	41.3	8.2	49.5	68.2	-18.7	Peak	Horizontal
	15628.5	43.2	5.7	48.9	74.0	-25.1	Peak	Horizontal
	8208.0	45.7	-0.4	45.3	74.0	-28.7	Peak	Vertical
*	9993.0	44.6	2.9	47.5	68.2	-20.7	Peak	Vertical
	11548.5	50.8	5.3	56.1	74.0	-17.9	Peak	Vertical
	11548.5	40.7	5.3	46.0	54.0	-8.0	Average	Vertical
*	14804.0	41.7	8.3	50.0	68.2	-18.2	Peak	Vertical

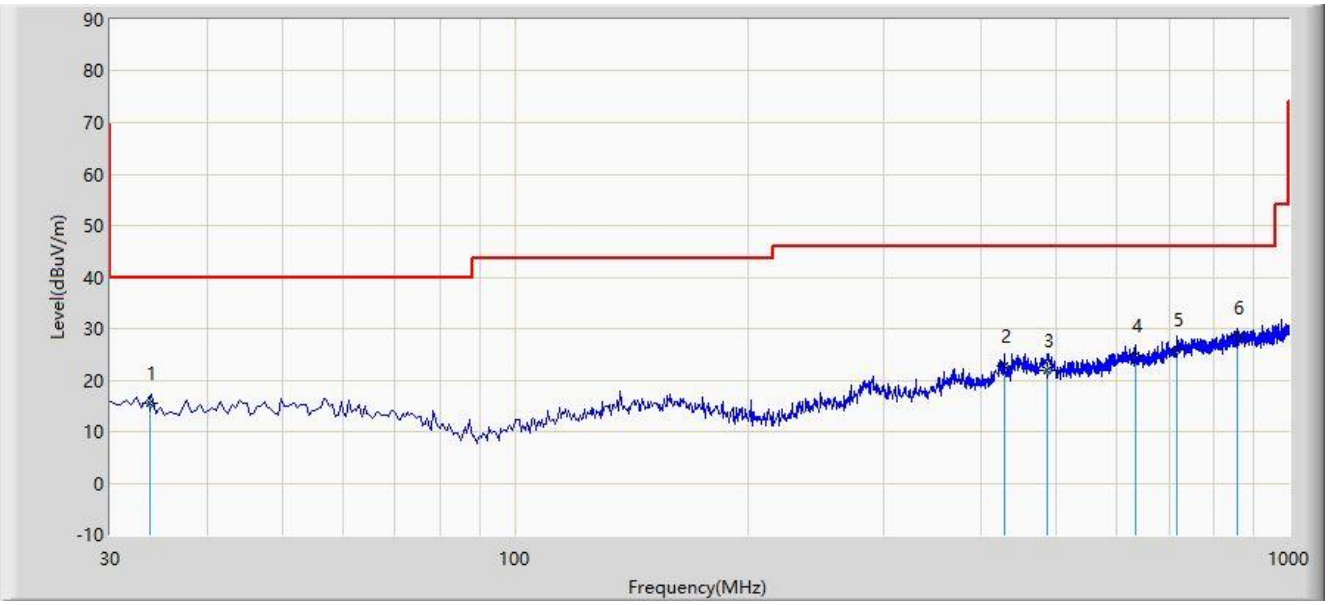
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Result of Radiated Emission below 1GHz:

Site: SIP-AC2	Time: 2021/10/08 - 16:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC2_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	



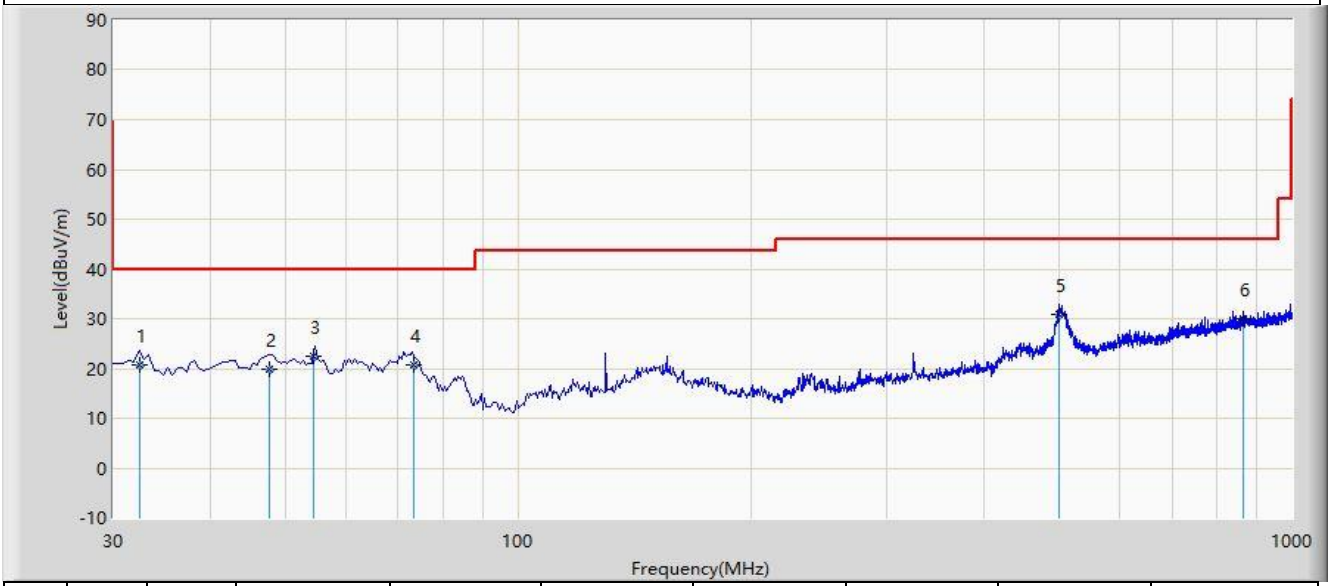
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			33.760	15.482	-2.025	-24.518	40.000	17.507	QP
2			429.055	22.753	0.525	-23.247	46.000	22.228	QP
3			486.710	22.002	-1.550	-23.998	46.000	23.552	QP
4			633.210	24.841	-1.833	-21.159	46.000	26.675	QP
5			718.110	25.844	-2.055	-20.156	46.000	27.899	QP
6		*	857.895	28.267	-1.622	-17.733	46.000	29.889	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV/m) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: SIP-AC2	Time: 2021/10/08 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC2_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			32.425	20.847	3.550	-19.153	40.000	17.297	QP
2			47.670	19.789	1.858	-20.211	40.000	17.931	QP
3			54.350	22.584	4.220	-17.416	40.000	18.364	QP
4			73.210	20.764	4.800	-19.236	40.000	15.963	QP
5		*	500.470	30.956	7.320	-15.044	46.000	23.636	QP
6			867.110	29.986	0.100	-16.014	46.000	29.886	QP

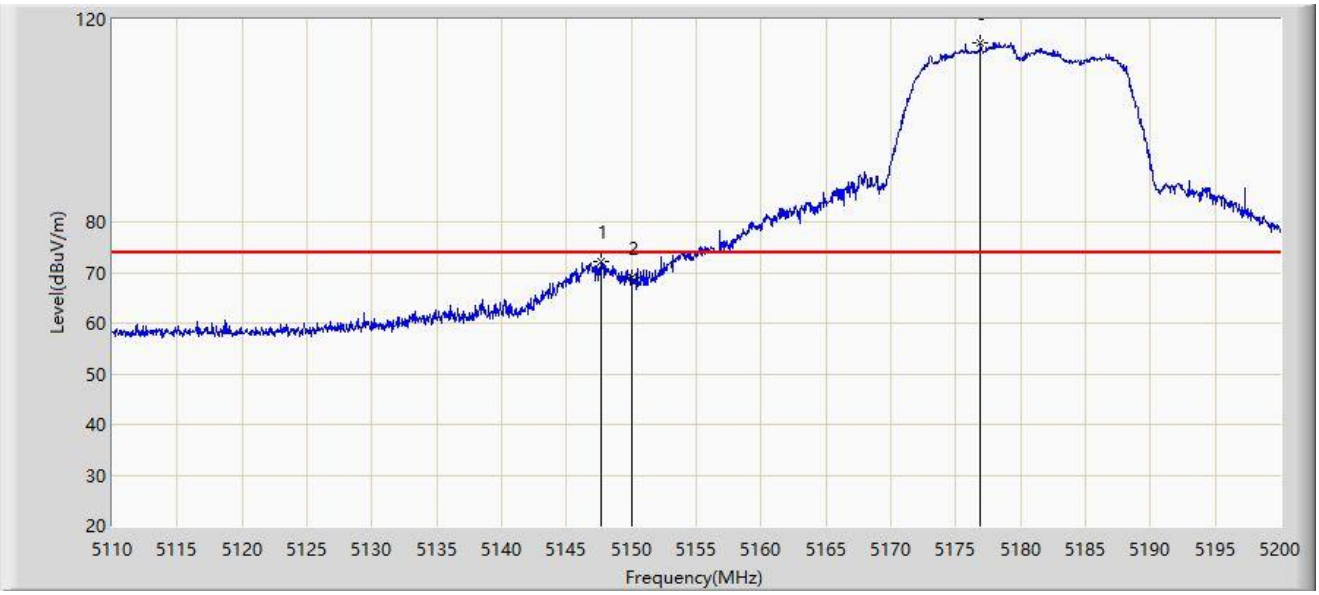
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV/m) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.7 Radiated Restricted Band Edge Test Result

Site: WZ-AC1	Time: 2021/09/18 - 17:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

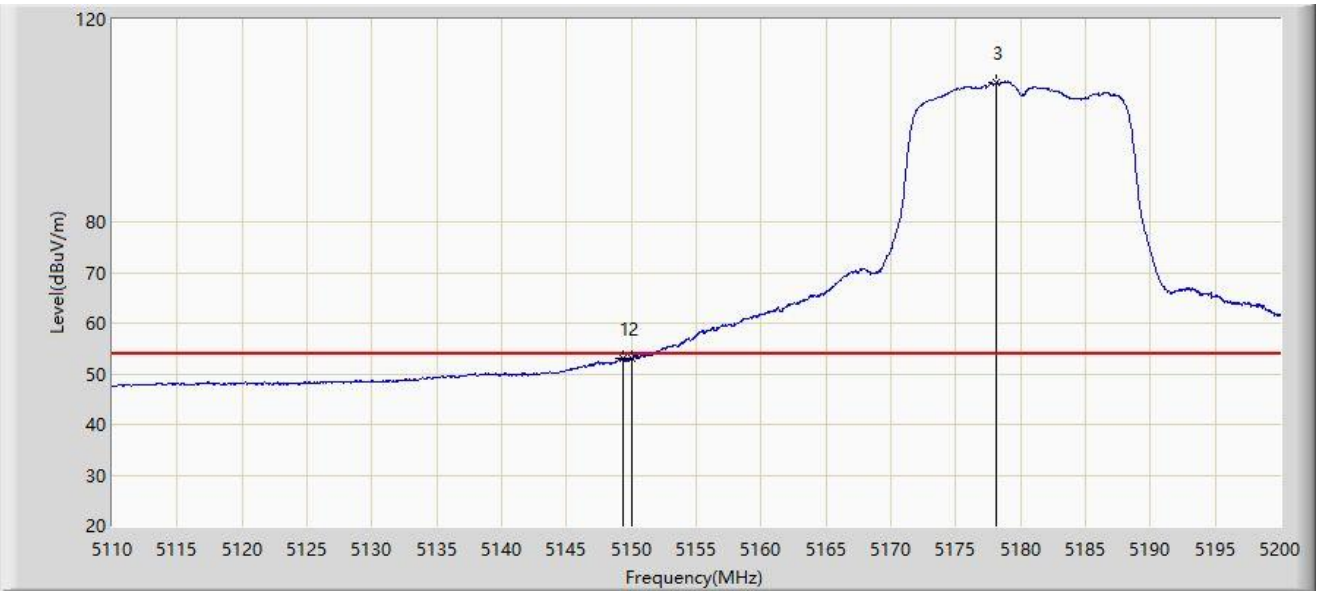


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5147.665	72.231	67.489	-1.769	74.000	4.743	PK
2			5150.000	69.108	64.367	-4.892	74.000	4.741	PK
3		*	5176.915	115.263	110.412	N/A	N/A	4.850	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 17:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

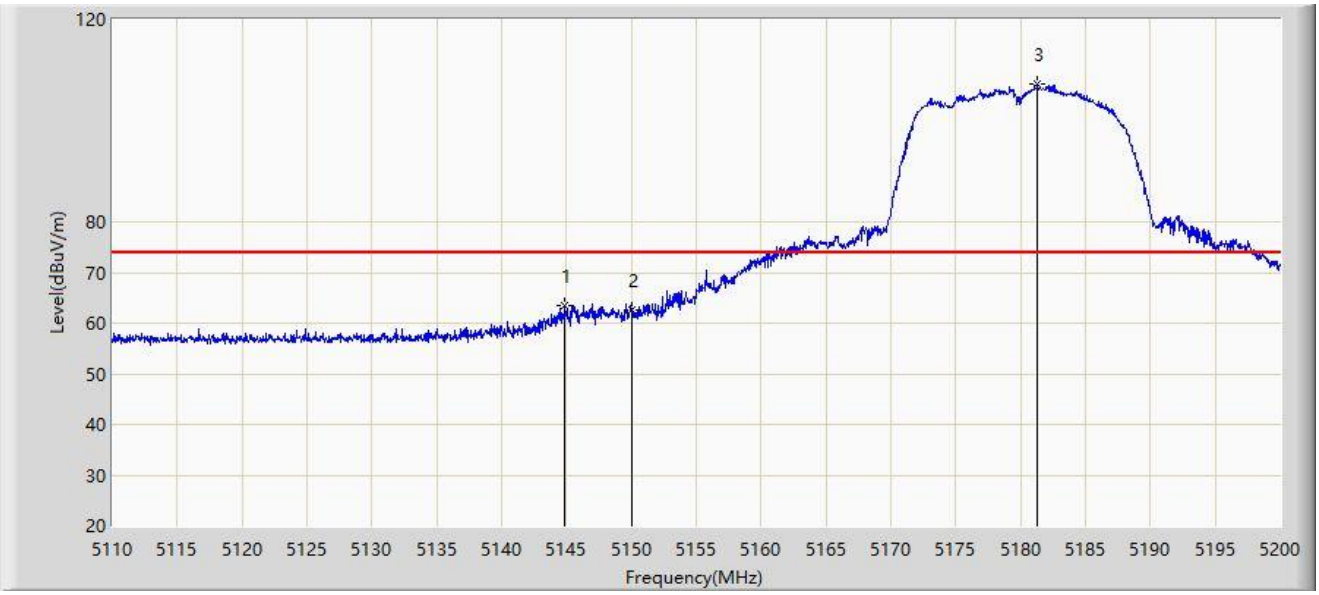


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.330	53.110	48.369	-0.890	54.000	4.741	AV
2			5150.000	53.000	48.259	-1.000	54.000	4.741	AV
3		*	5178.175	107.446	102.594	N/A	N/A	4.853	AV

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

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

Site: WZ-AC1	Time: 2021/09/18 - 17:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

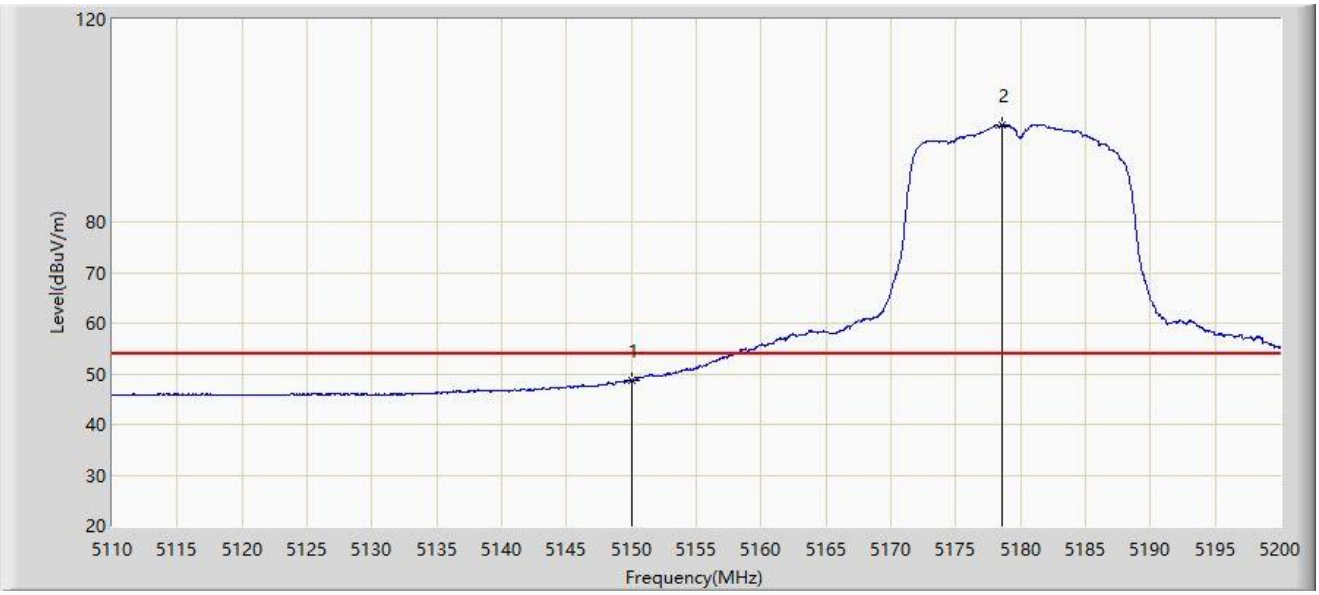


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5144.875	63.553	58.791	-10.447	74.000	4.763	PK
2			5150.000	62.722	57.981	-11.278	74.000	4.741	PK
3		*	5181.280	107.233	102.377	N/A	N/A	4.856	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 17:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

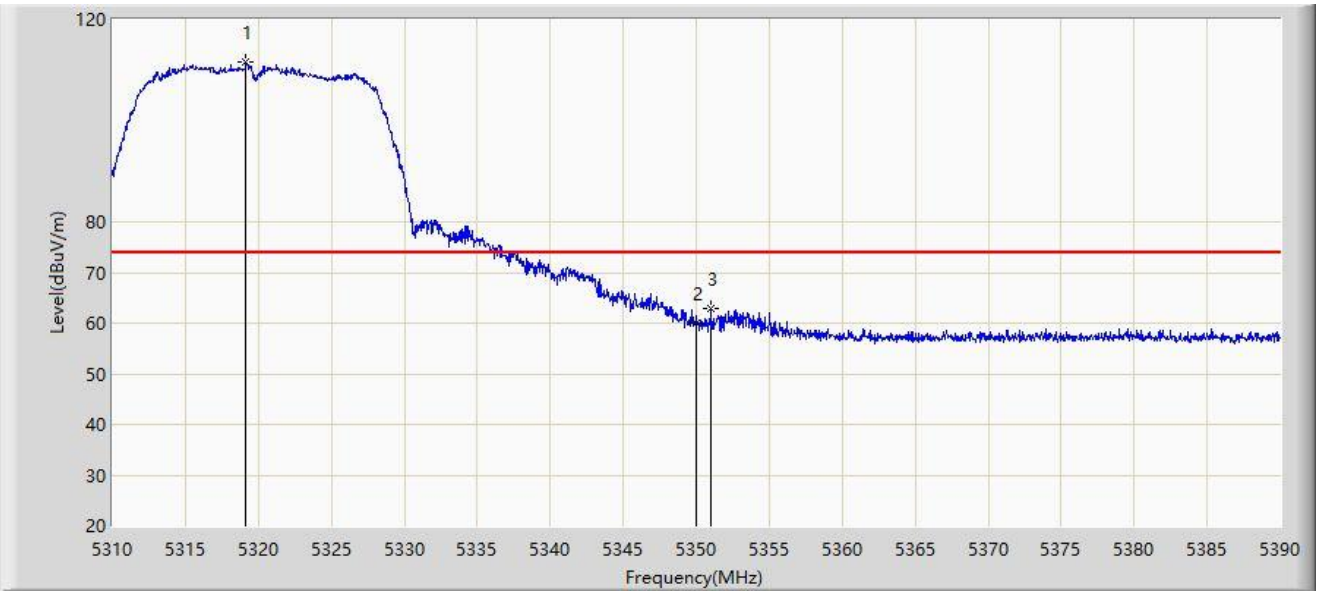


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5150.000	48.814	44.073	-5.186	54.000	4.741	AV
2		*	5178.625	99.040	94.187	N/A	N/A	4.853	AV

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

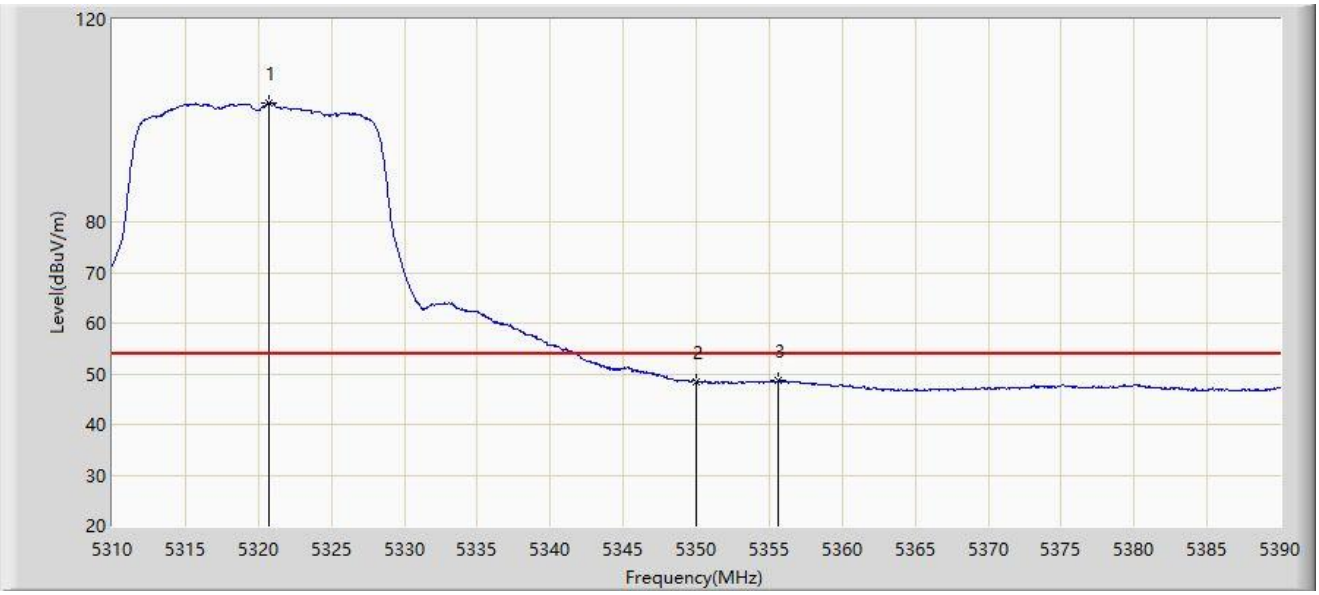


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5319.120	111.466	106.849	N/A	N/A	4.617	PK
2			5350.000	60.024	55.137	-13.976	74.000	4.887	PK
3			5351.000	62.937	58.040	-11.063	74.000	4.897	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

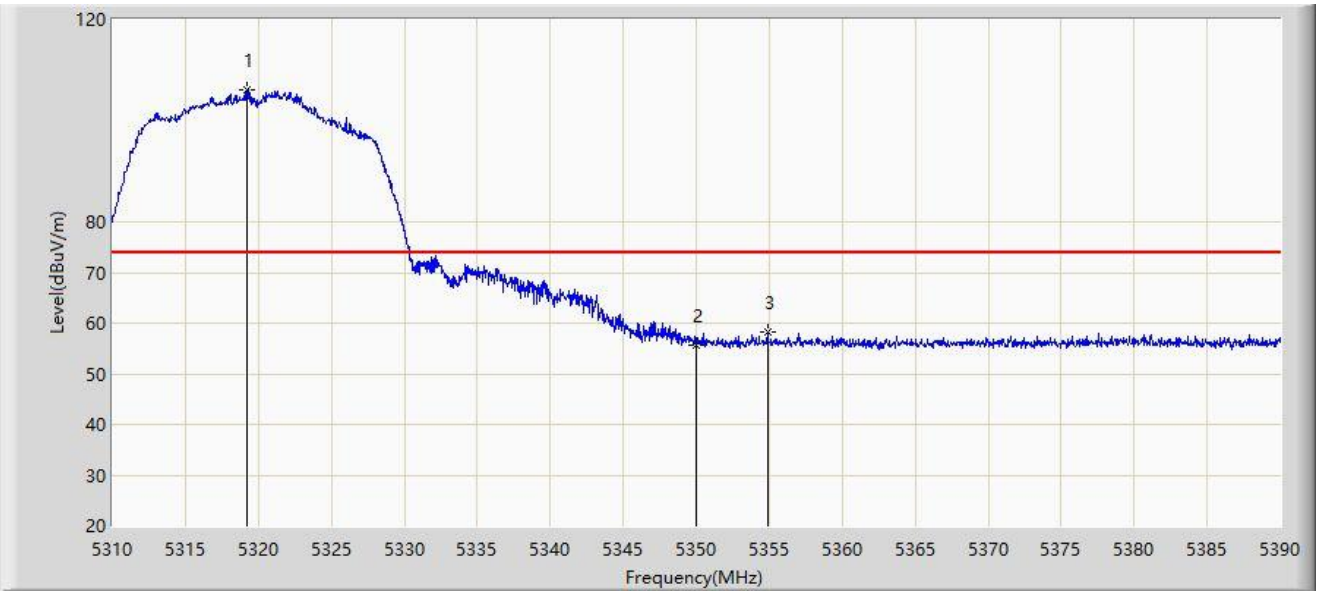


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5320.720	103.407	98.783	N/A	N/A	4.623	AV
2			5350.000	48.456	43.569	-5.544	54.000	4.887	AV
3			5355.600	48.676	43.753	-5.324	54.000	4.923	AV

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

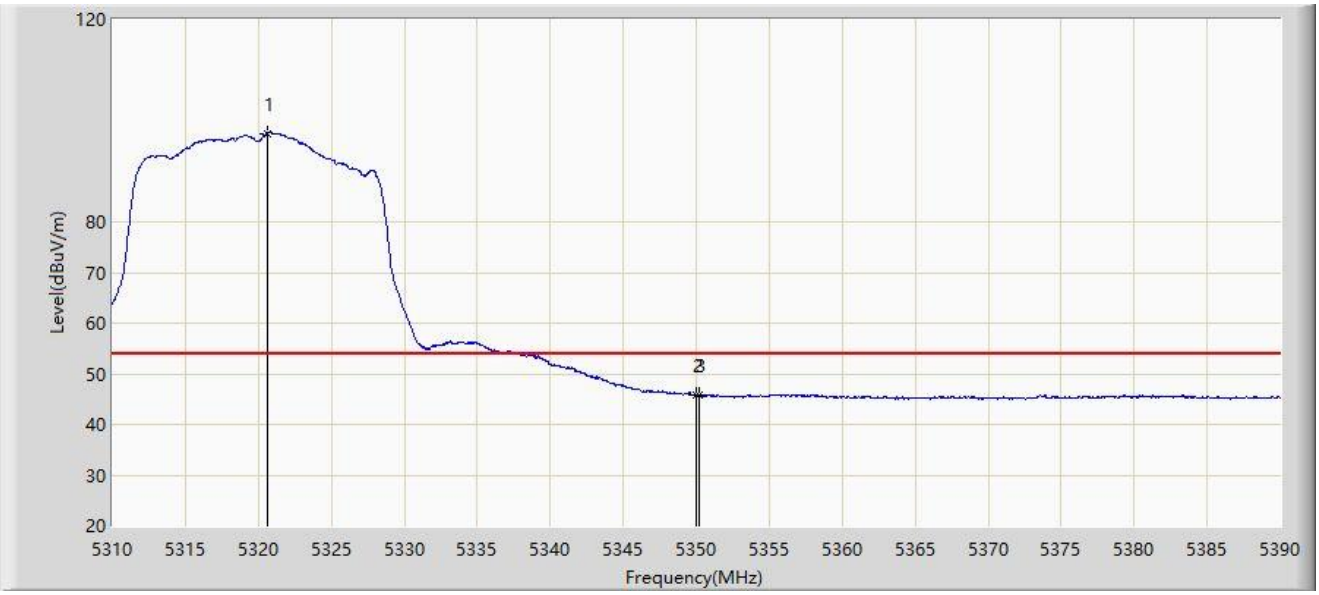


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5319.200	106.001	101.384	N/A	N/A	4.617	PK
2			5350.000	55.576	50.689	-18.424	74.000	4.887	PK
3			5354.920	58.176	53.256	-15.824	74.000	4.920	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

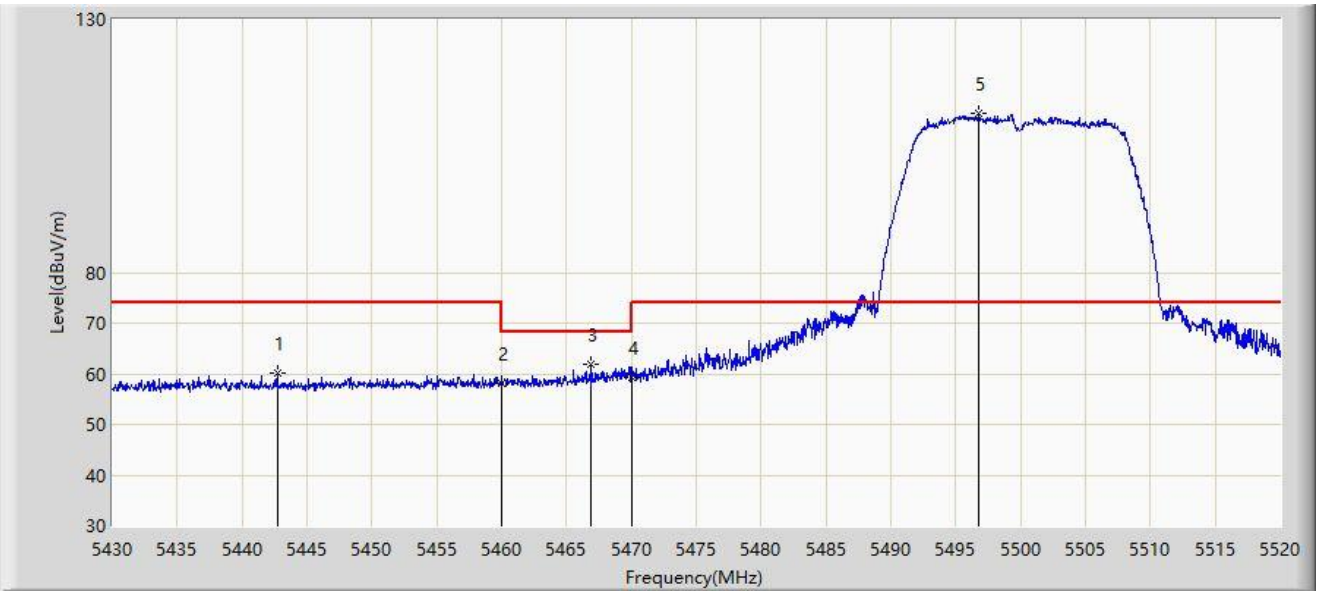


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5320.600	97.487	92.864	N/A	N/A	4.623	AV
2			5350.000	45.775	40.888	-8.225	54.000	4.887	AV
3			5350.160	45.887	40.998	-8.113	54.000	4.889	AV

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	

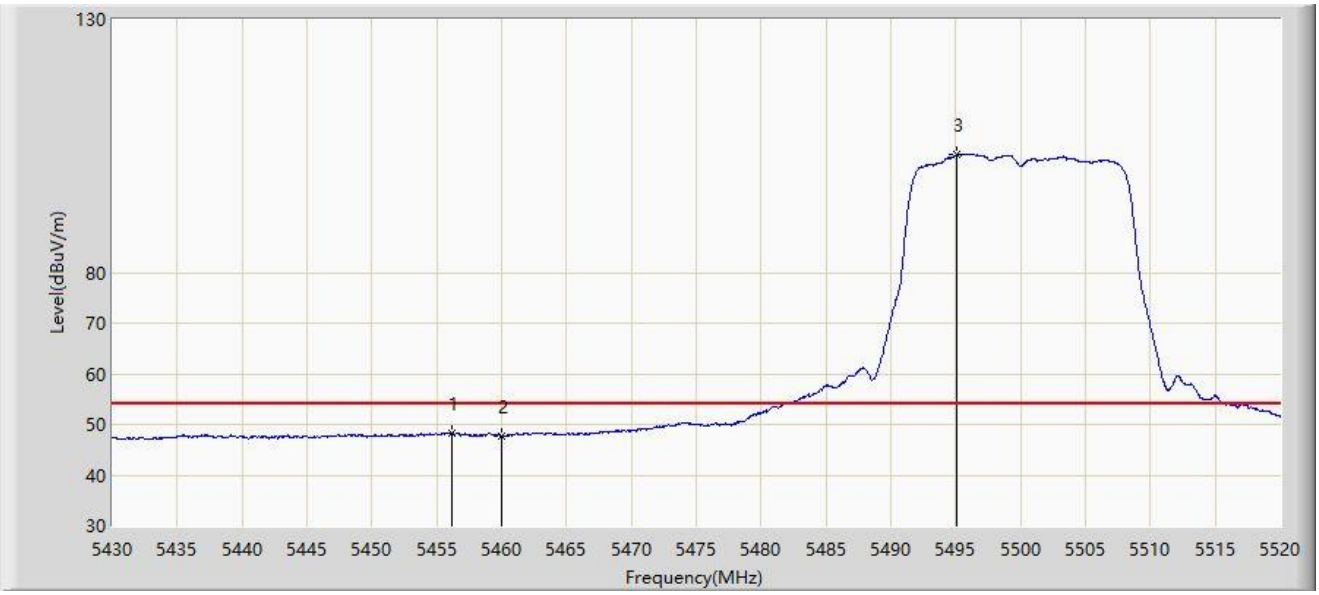


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5442.690	60.023	54.784	-13.977	74.000	5.239	PK
2			5460.000	58.055	52.828	-15.945	74.000	5.227	PK
3			5466.900	61.752	56.516	-6.448	68.200	5.236	PK
4			5470.000	59.218	53.979	-8.982	68.200	5.239	PK
5		*	5496.735	111.410	106.180	N/A	N/A	5.230	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	

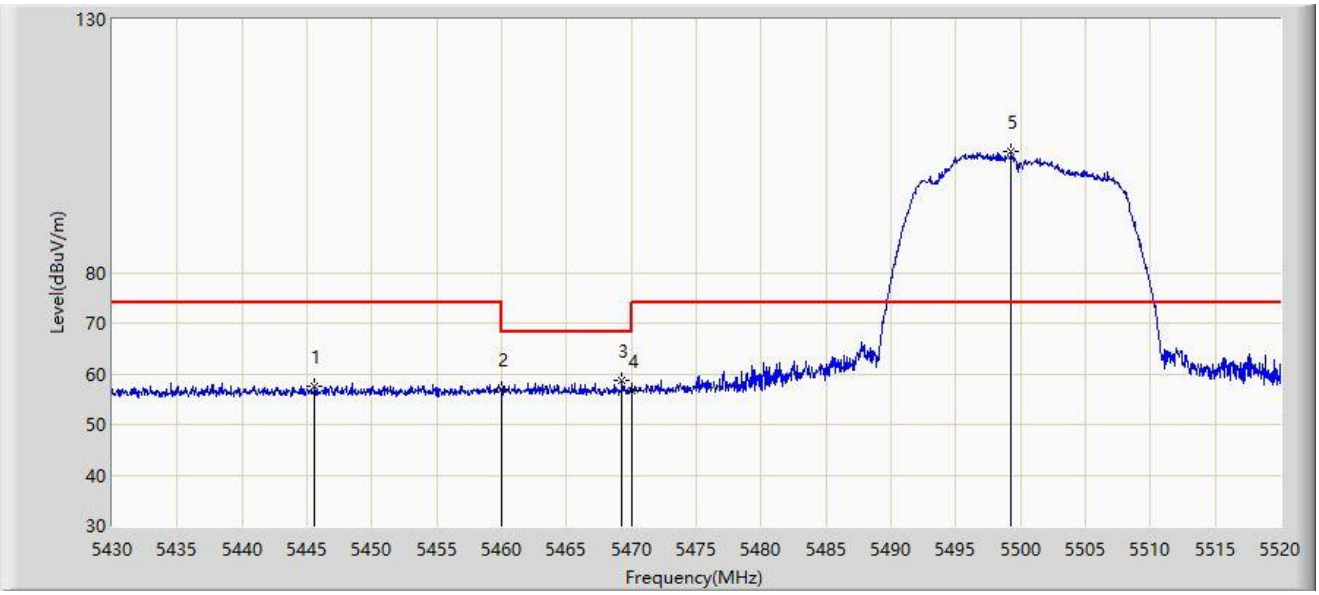


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5456.145	48.180	42.957	-5.820	54.000	5.224	AV
2			5460.000	47.719	42.492	-6.281	54.000	5.227	AV
3		*	5495.025	103.190	97.982	N/A	N/A	5.208	AV

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	

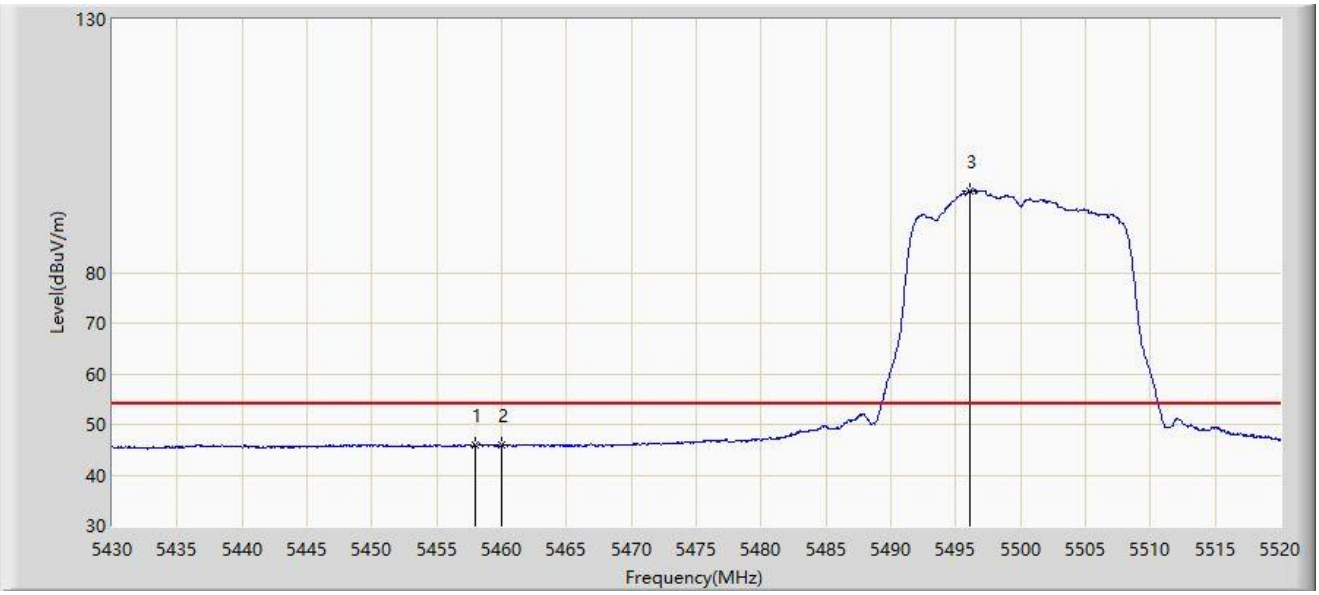


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5445.615	57.564	52.329	-16.436	74.000	5.234	PK
2			5460.000	56.843	51.616	-17.157	74.000	5.227	PK
3			5469.285	58.587	53.349	-9.613	68.200	5.238	PK
4			5470.000	56.666	51.427	-11.534	68.200	5.239	PK
5		*	5499.255	103.902	98.639	N/A	N/A	5.263	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	

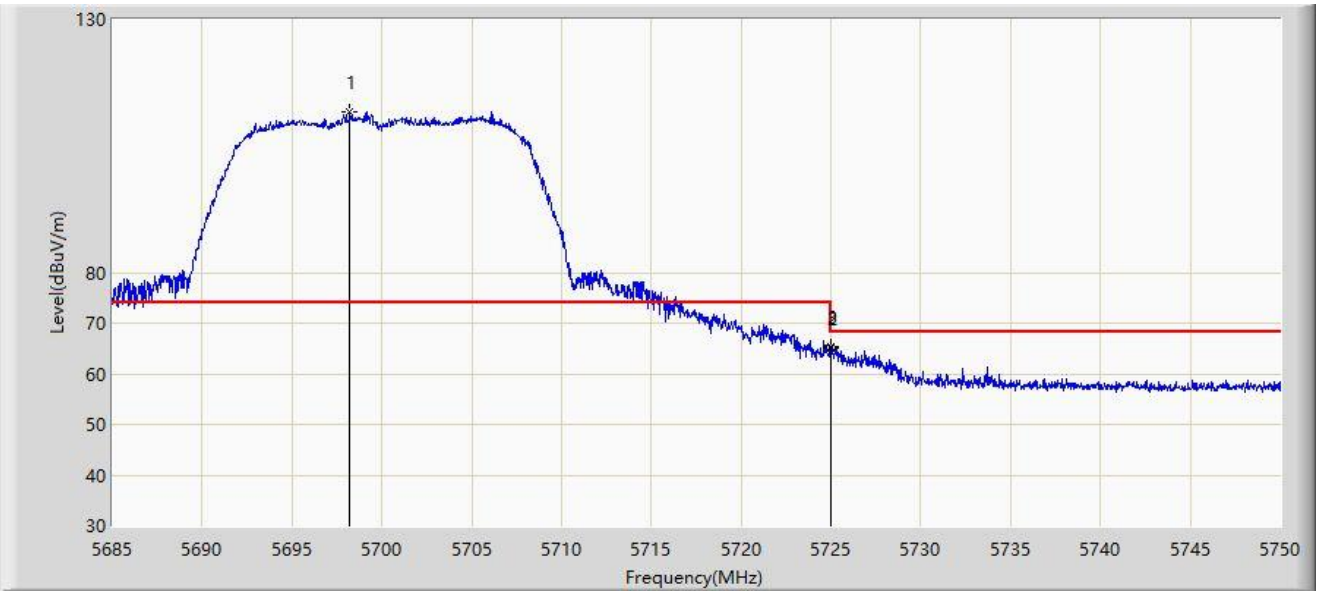


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5457.945	46.056	40.831	-7.944	54.000	5.225	AV
2			5460.000	45.801	40.574	-8.199	54.000	5.227	AV
3		*	5496.060	96.046	90.825	N/A	N/A	5.221	AV

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

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

Site: WZ-AC1	Time: 2021/09/18 - 23:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	

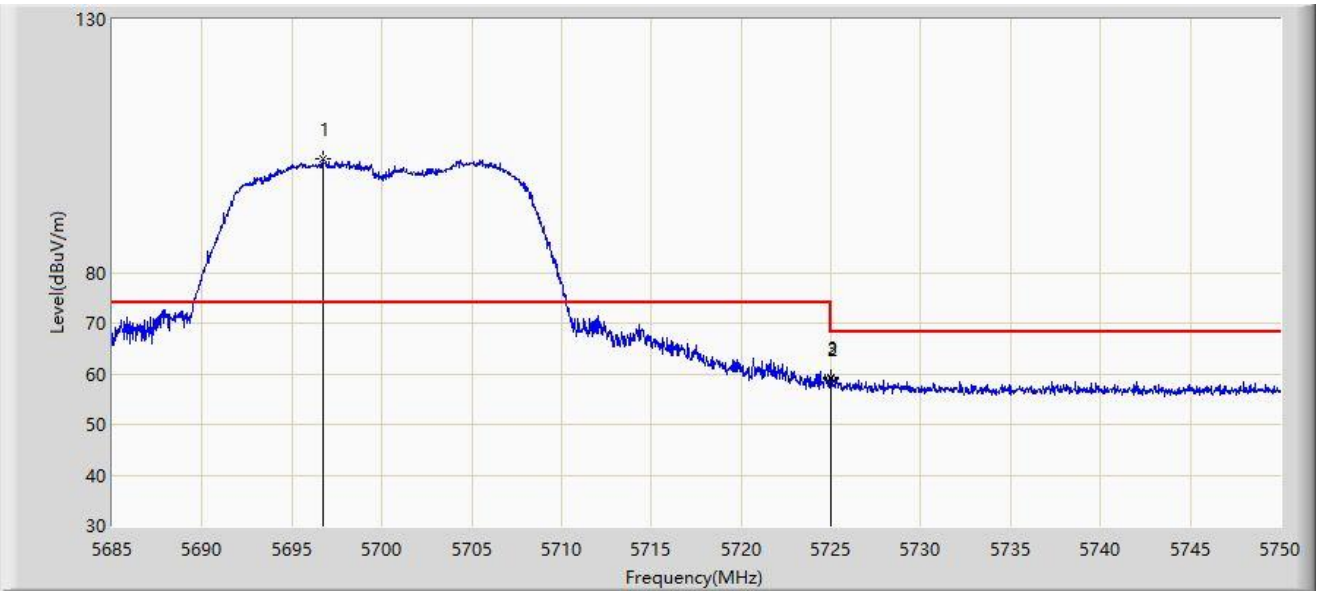


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5698.195	111.604	105.942	N/A	N/A	5.662	PK
2			5725.000	65.004	59.299	-3.196	68.200	5.705	PK
3			5725.007	65.350	59.645	-2.850	68.200	5.705	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 23:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	

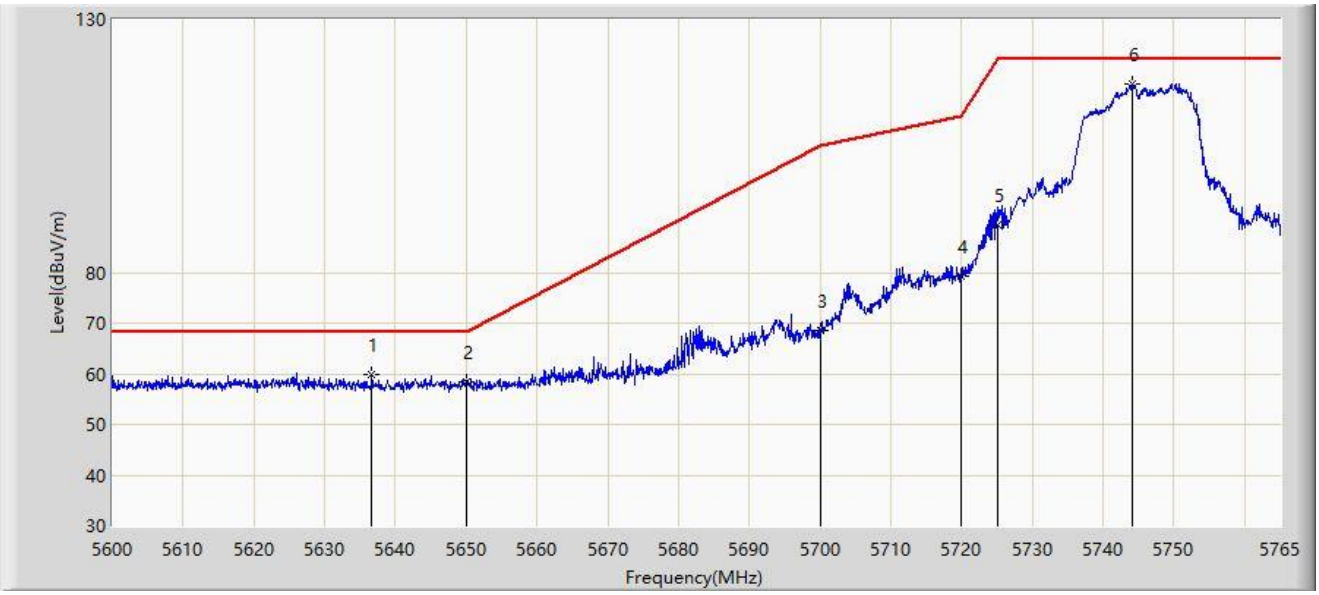


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5696.732	102.381	96.728	N/A	N/A	5.652	PK
2			5725.000	59.028	53.323	-9.172	68.200	5.705	PK
3			5725.007	59.390	53.685	-8.810	68.200	5.705	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 18:00
Limit: FCC_Part15.407_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	

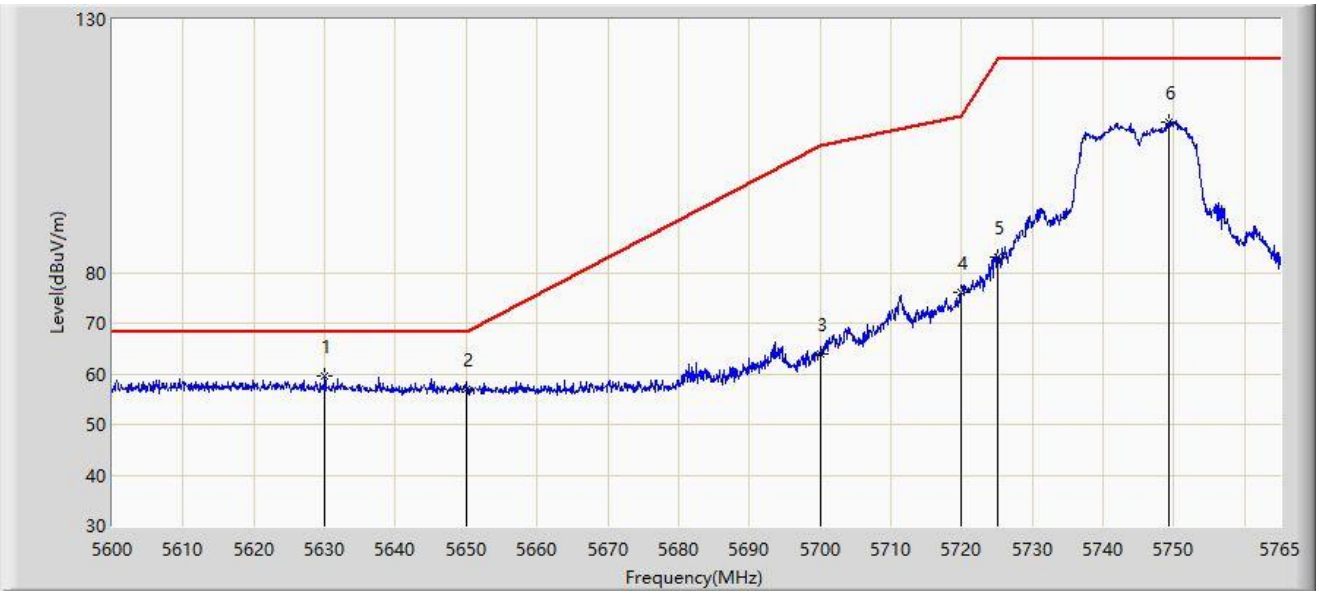


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5636.630	59.868	54.446	-8.332	68.200	5.422	PK
2			5650.000	58.299	52.988	-9.901	68.200	5.311	PK
3			5700.000	68.512	62.839	-36.688	105.200	5.673	PK
4			5720.000	79.390	73.677	-31.410	110.800	5.713	PK
5			5725.000	89.330	83.625	-32.870	122.200	5.705	PK
6		*	5744.210	117.343	111.902	N/A	N/A	5.441	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 18:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	

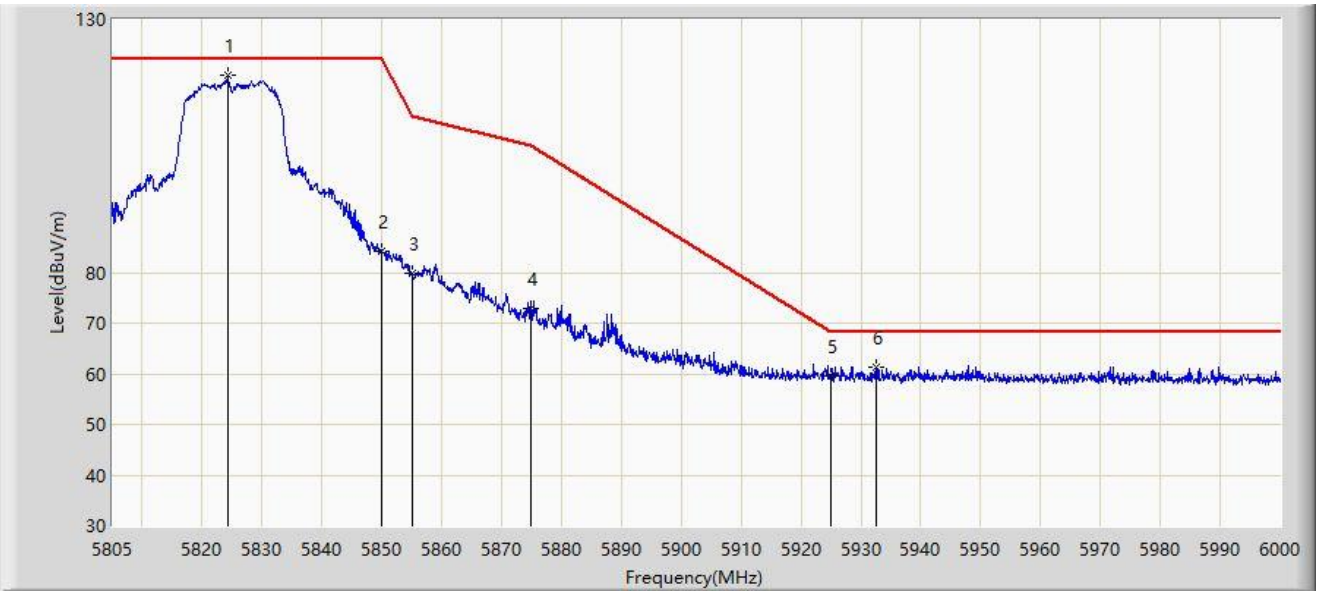


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5630.030	59.683	54.128	-8.517	68.200	5.555	PK
2			5650.000	56.856	51.545	-11.344	68.200	5.311	PK
3			5700.000	63.942	58.269	-41.258	105.200	5.673	PK
4			5720.000	76.185	70.472	-34.615	110.800	5.713	PK
5			5725.000	83.157	77.452	-39.043	122.200	5.705	PK
6			5749.325	109.730	104.261	N/A	N/A	5.469	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 18:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	

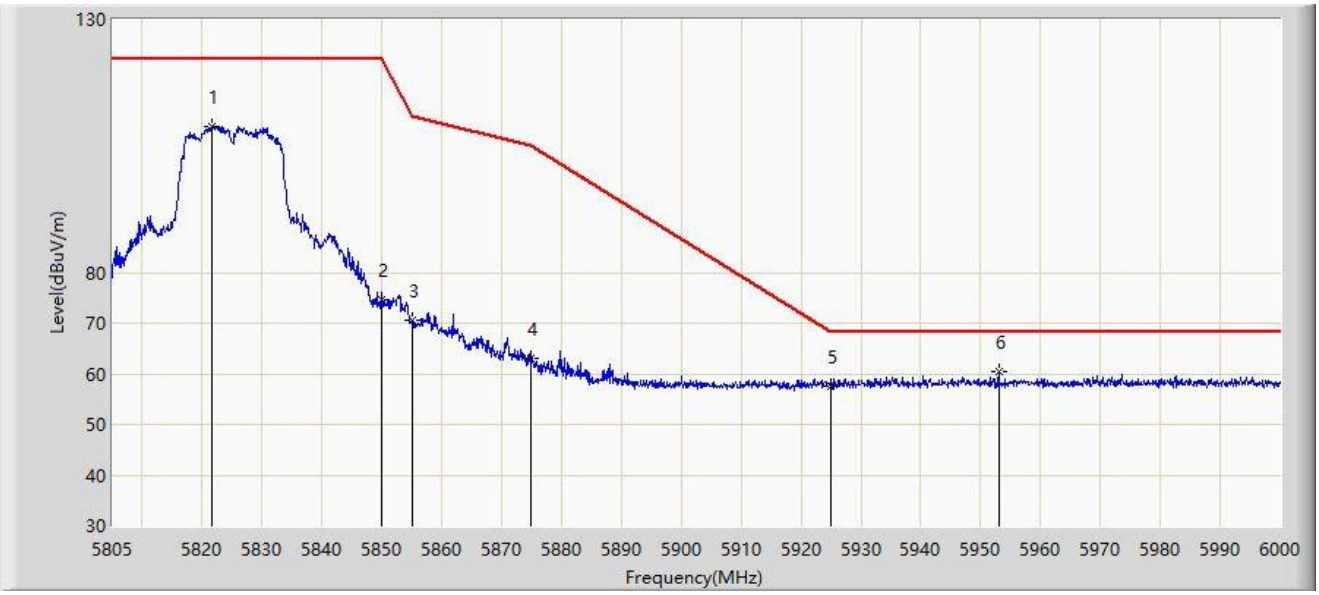


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5824.305	119.035	113.291	N/A	N/A	5.744	PK
2			5850.000	84.266	78.474	-37.934	122.200	5.792	PK
3			5855.000	79.904	74.067	-30.896	110.800	5.837	PK
4			5875.000	72.866	66.920	-32.334	105.200	5.945	PK
5			5925.000	59.585	53.547	-8.615	68.200	6.037	PK
6			5932.627	61.326	55.269	-6.874	68.200	6.057	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 18:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	

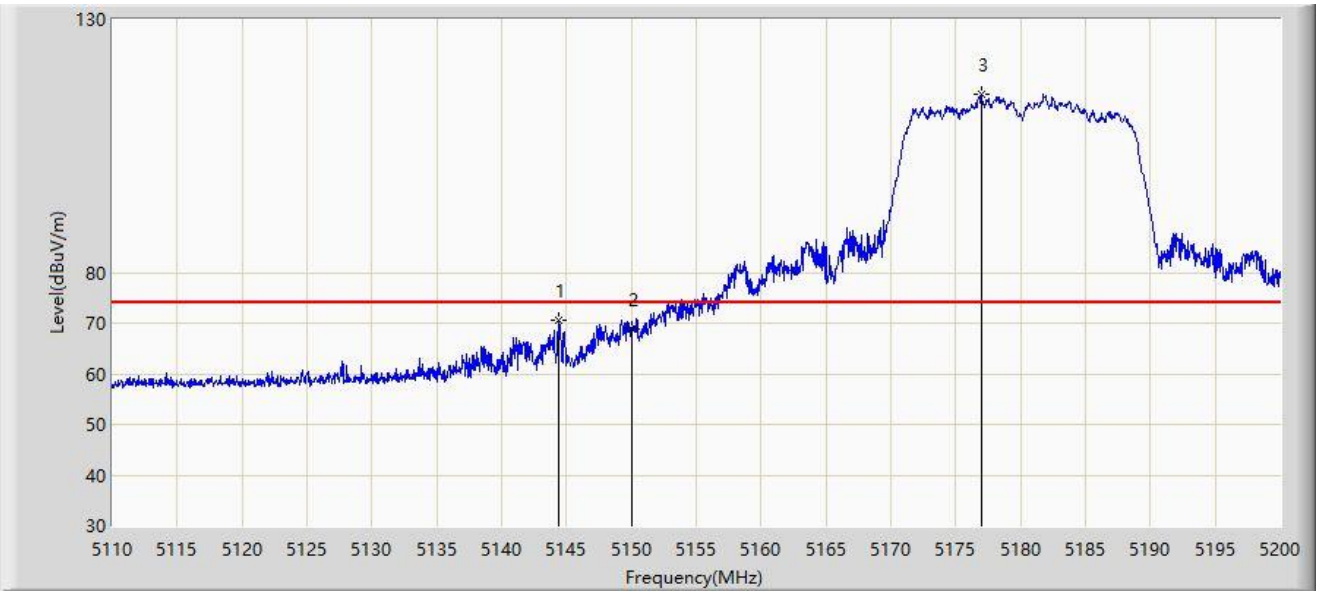


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5821.672	108.941	103.177	N/A	N/A	5.763	PK
2			5850.000	74.524	68.732	-47.676	122.200	5.792	PK
3			5855.000	70.614	64.777	-40.186	110.800	5.837	PK
4			5875.000	63.163	57.217	-42.037	105.200	5.945	PK
5			5925.000	57.672	51.634	-10.528	68.200	6.037	PK
6		*	5953.005	60.414	54.272	-7.786	68.200	6.142	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

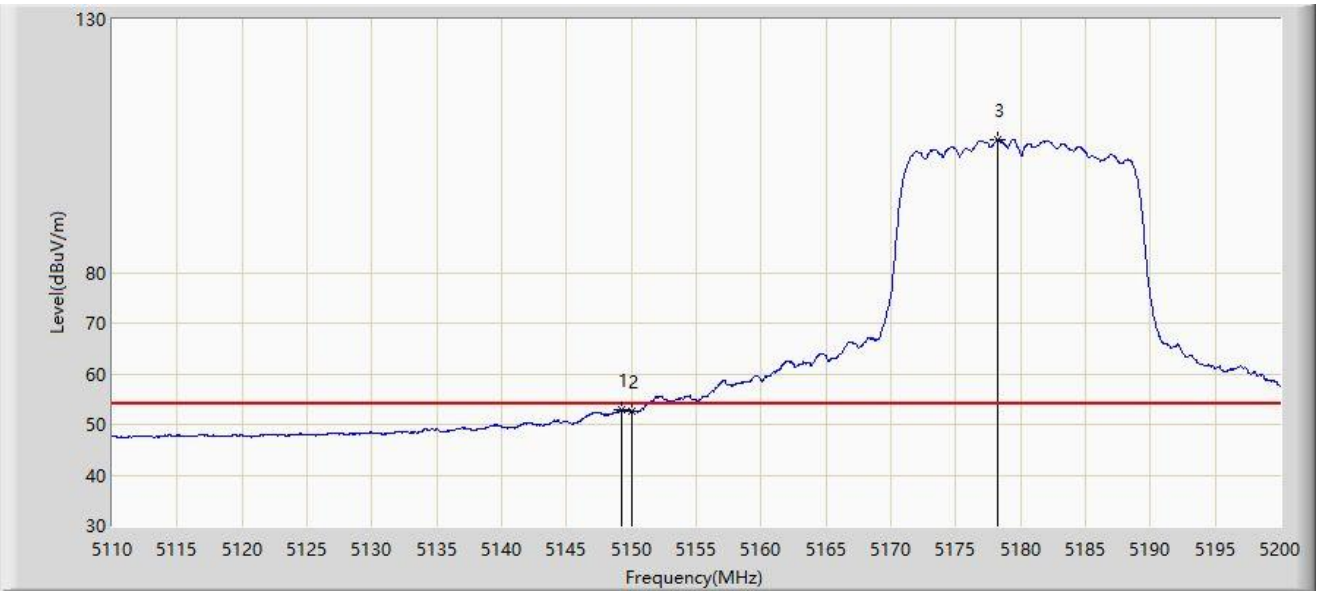


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5144.425	70.505	65.740	-3.495	74.000	4.765	PK
2			5150.000	68.914	64.173	-5.086	74.000	4.741	PK
3		*	5176.960	115.146	110.295	N/A	N/A	4.851	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

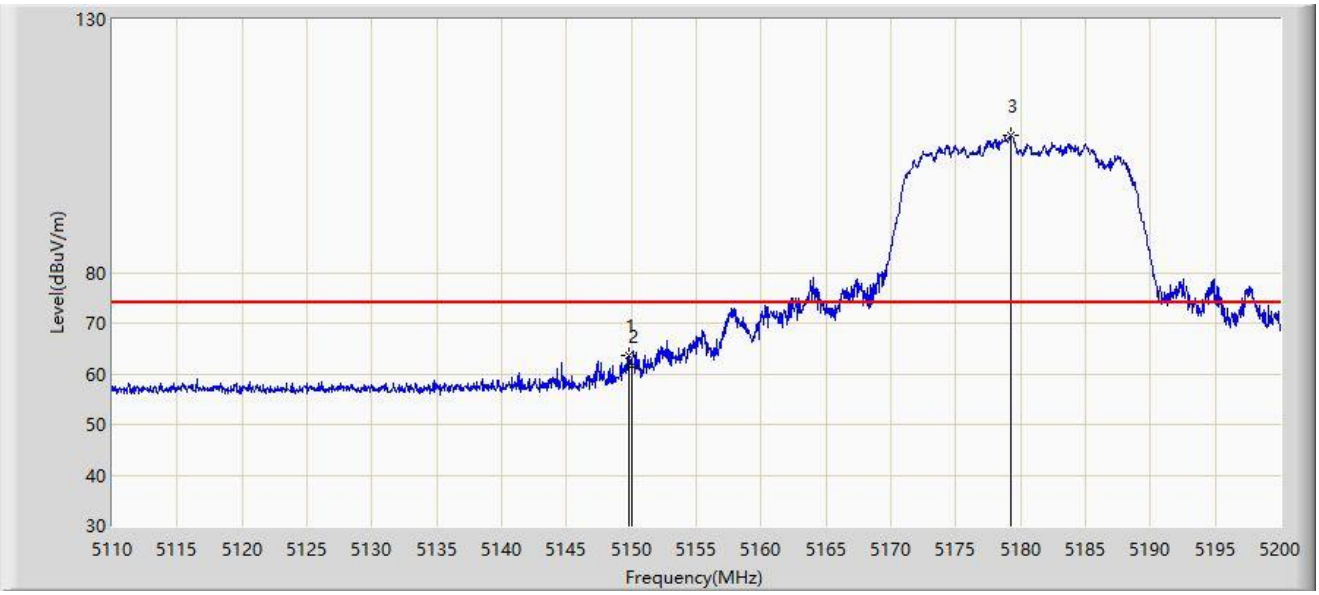


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.195	52.953	48.212	-1.047	54.000	4.741	AV
2			5150.000	52.485	47.744	-1.515	54.000	4.741	AV
3		*	5178.220	106.278	101.426	N/A	N/A	4.852	AV

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

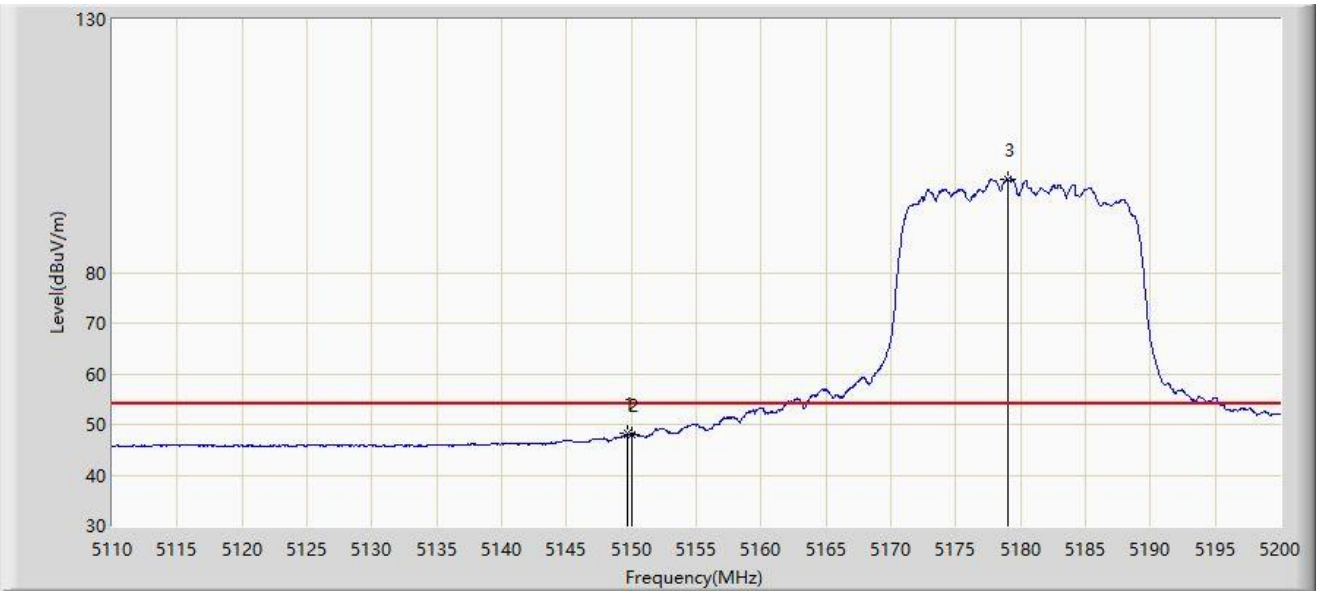


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.780	63.484	58.743	-10.516	74.000	4.741	PK
2			5150.000	61.533	56.792	-12.467	74.000	4.741	PK
3		*	5179.255	107.101	102.247	N/A	N/A	4.853	PK

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

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

Site: WZ-AC1	Time: 2021/09/18 - 22:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

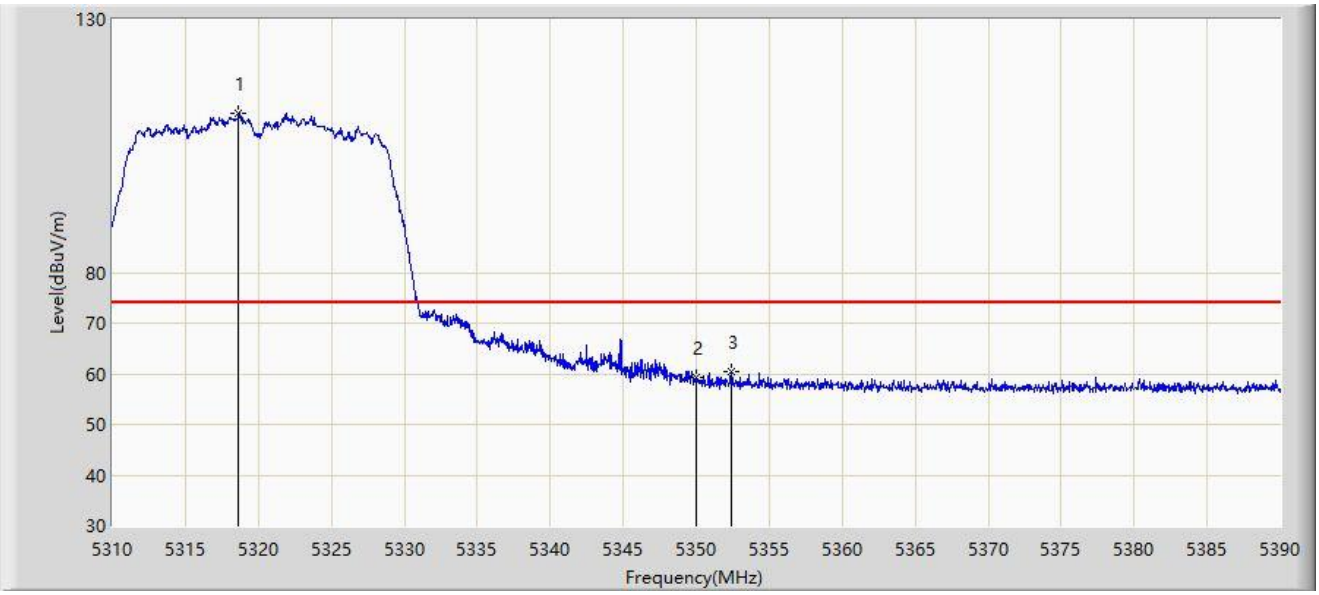


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.690	48.241	43.500	-5.759	54.000	4.741	AV
2			5150.000	48.043	43.302	-5.957	54.000	4.741	AV
3		*	5179.030	98.480	93.627	N/A	N/A	4.853	AV

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

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

Site: WZ-AC1	Time: 2021/09/18 - 23:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kin Xia
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC2600 MU-MIMO Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5318.640	111.465	106.850	N/A	N/A	4.615	PK
2			5350.000	59.230	54.343	-14.770	74.000	4.887	PK
3			5352.360	60.359	55.450	-13.641	74.000	4.908	PK

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

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