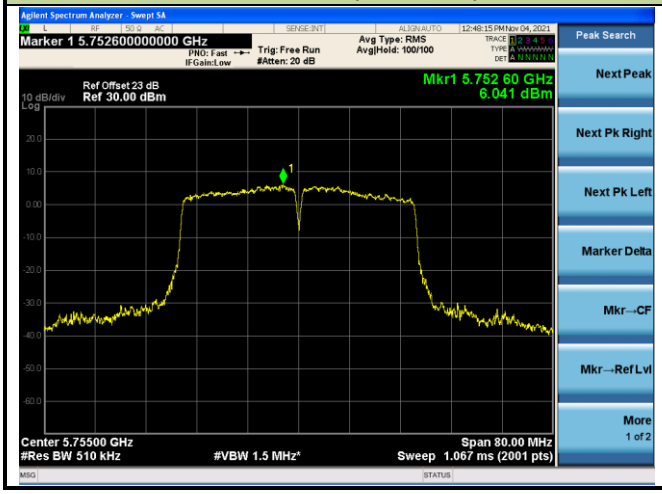
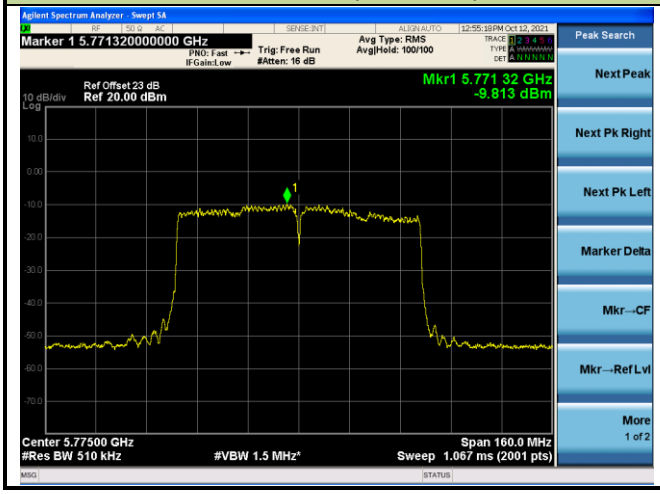
11ac-VHT40 Power Spectral Density - Ant 4	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

11ac-VHT80 Power Spectral Density - Ant 4	
Channel 155 (5775MHz)	
	

A.6 Radiated Spurious Emission Measurement Test Result

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test 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
*	7842.5	37.3	8.5	45.8	68.2	-22.4	Peak	Horizontal
*	8922.0	36.3	11.8	48.1	68.2	-20.1	Peak	Horizontal
	11132.0	33.5	15.3	48.8	74.0	-25.2	Peak	Horizontal
	12067.0	35.2	15.2	50.4	74.0	-23.6	Peak	Horizontal
*	8658.5	35.1	11.8	46.9	68.2	-21.3	Peak	Vertical
*	9814.5	36.3	11.9	48.2	68.2	-20.0	Peak	Vertical
	10945.0	36.1	14.9	51.0	74.0	-23.0	Peak	Vertical
	12092.5	35.9	15.0	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8692.5	36.2	12.1	48.3	68.2	-19.9	Peak	Horizontal
*	10333.0	35.1	14.1	49.2	68.2	-19.0	Peak	Horizontal
	10928.0	34.1	14.8	48.9	74.0	-25.1	Peak	Horizontal
	12169.0	35.8	15.3	51.1	74.0	-22.9	Peak	Horizontal
*	8726.5	34.5	12.2	46.7	68.2	-21.5	Peak	Vertical
*	9908.0	36.0	12.3	48.3	68.2	-19.9	Peak	Vertical
	10970.5	33.8	14.5	48.3	74.0	-25.7	Peak	Vertical
	12441.0	36.4	14.4	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8692.5	35.7	12.1	47.8	68.2	-20.4	Peak	Horizontal
*	9899.5	37.0	12.2	49.2	68.2	-19.0	Peak	Horizontal
	11115.0	35.4	15.6	51.0	74.0	-23.0	Peak	Horizontal
	12041.5	36.6	15.1	51.7	74.0	-22.3	Peak	Horizontal
*	8760.5	35.5	12.0	47.5	68.2	-20.7	Peak	Vertical
*	10137.5	36.5	12.7	49.2	68.2	-19.0	Peak	Vertical
	11200.0	34.9	15.6	50.5	74.0	-23.5	Peak	Vertical
	11973.5	35.6	14.7	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8140.0	35.2	9.4	44.6	74.0	-29.4	Peak	Horizontal
	11123.5	32.6	15.5	48.1	74.0	-25.9	Peak	Horizontal
*	13631.0	31.7	16.8	48.5	68.2	-19.7	Peak	Horizontal
*	16470.0	31.1	17.7	48.8	68.2	-19.4	Peak	Horizontal
	8131.5	34.7	9.2	43.9	74.0	-30.1	Peak	Vertical
	11191.5	33.3	15.5	48.8	74.0	-25.2	Peak	Vertical
*	13741.5	32.4	16.5	48.9	68.2	-19.3	Peak	Vertical
*	16869.5	31.0	18.8	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8089.0	35.1	9.4	44.5	74.0	-29.5	Peak	Horizontal
	11574.0	35.4	15.6	51.0	74.0	-23.0	Peak	Horizontal
*	14166.5	30.6	16.8	47.4	68.2	-20.8	Peak	Horizontal
*	16521.0	32.2	17.7	49.9	68.2	-18.3	Peak	Horizontal
	8199.5	34.3	9.1	43.4	74.0	-30.6	Peak	Vertical
	11565.5	32.8	15.7	48.5	74.0	-25.5	Peak	Vertical
*	13682.0	30.2	16.6	46.8	68.2	-21.4	Peak	Vertical
*	16657.0	29.9	16.6	46.5	68.2	-21.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8446.0	34.5	10.4	44.9	74.0	-29.1	Peak	Horizontal
	11650.5	35.4	15.5	50.9	74.0	-23.1	Peak	Horizontal
*	14192.0	32.3	17.1	49.4	68.2	-18.8	Peak	Horizontal
*	16784.5	31.7	18.5	50.2	68.2	-18.0	Peak	Horizontal
	8301.5	33.2	9.8	43.0	74.0	-31.0	Peak	Vertical
	10868.5	34.6	14.6	49.2	74.0	-24.8	Peak	Vertical
*	13801.0	30.3	16.4	46.7	68.2	-21.5	Peak	Vertical
*	16274.5	30.9	17.0	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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
*	8616.0	35.5	11.6	47.1	68.2	-21.1	Peak	Horizontal
*	10214.0	36.8	13.0	49.8	68.2	-18.4	Peak	Horizontal
	11115.0	34.5	15.6	50.1	74.0	-23.9	Peak	Horizontal
	12211.5	35.9	14.9	50.8	74.0	-23.2	Peak	Horizontal
*	8760.5	35.7	12.0	47.7	68.2	-20.5	Peak	Vertical
*	10137.5	36.4	12.7	49.1	68.2	-19.1	Peak	Vertical
	10928.0	35.7	14.8	50.5	74.0	-23.5	Peak	Vertical
	12007.5	37.0	14.5	51.5	74.0	-22.5	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8743.5	35.9	12.1	48.0	68.2	-20.2	Peak	Horizontal
*	9721.0	34.4	12.0	46.4	68.2	-21.8	Peak	Horizontal
	11259.5	35.0	15.3	50.3	74.0	-23.7	Peak	Horizontal
	12041.5	36.4	15.1	51.5	74.0	-22.5	Peak	Horizontal
*	8854.0	36.6	11.8	48.4	68.2	-19.8	Peak	Vertical
*	10069.5	36.4	12.5	48.9	68.2	-19.3	Peak	Vertical
	11608.0	34.1	16.0	50.1	74.0	-23.9	Peak	Vertical
	12526.0	35.3	14.8	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8701.0	35.7	12.3	48.0	68.2	-20.2	Peak	Horizontal
*	9661.5	37.2	11.7	48.9	68.2	-19.3	Peak	Horizontal
	11251.0	34.9	15.2	50.1	74.0	-23.9	Peak	Horizontal
	12237.0	35.8	14.9	50.7	74.0	-23.3	Peak	Horizontal
*	8777.5	36.3	12.0	48.3	68.2	-19.9	Peak	Vertical
*	10095.0	35.7	12.8	48.5	68.2	-19.7	Peak	Vertical
	11149.0	34.9	15.5	50.4	74.0	-23.6	Peak	Vertical
	11735.5	33.3	15.1	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8301.5	35.2	9.8	45.0	74.0	-29.0	Peak	Horizontal
	11642.0	32.0	15.9	47.9	74.0	-26.1	Peak	Horizontal
*	14217.5	32.3	17.5	49.8	68.2	-18.4	Peak	Horizontal
*	16818.5	30.3	19.1	49.4	68.2	-18.8	Peak	Horizontal
	8293.0	34.1	9.7	43.8	74.0	-30.2	Peak	Vertical
	11004.5	33.1	14.9	48.0	74.0	-26.0	Peak	Vertical
*	13690.5	32.2	16.7	48.9	68.2	-19.3	Peak	Vertical
*	16801.5	32.3	19.0	51.3	68.2	-16.9	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8395.0	31.7	10.1	41.8	74.0	-32.2	Peak	Horizontal
	10953.5	32.9	14.7	47.6	74.0	-26.4	Peak	Horizontal
*	13707.5	31.3	16.7	48.0	68.2	-20.2	Peak	Horizontal
*	16546.5	31.2	17.5	48.7	68.2	-19.5	Peak	Horizontal
	8293.0	33.6	9.7	43.3	74.0	-30.7	Peak	Vertical
	11752.5	31.9	14.8	46.7	74.0	-27.3	Peak	Vertical
*	13733.0	30.3	16.3	46.6	68.2	-21.6	Peak	Vertical
*	16597.5	29.3	17.6	46.9	68.2	-21.3	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8352.5	33.6	10.0	43.6	74.0	-30.4	Peak	Horizontal
	12084.0	32.5	14.9	47.4	74.0	-26.6	Peak	Horizontal
*	14039.0	31.2	16.8	48.0	68.2	-20.2	Peak	Horizontal
*	16716.5	29.7	18.0	47.7	68.2	-20.5	Peak	Horizontal
	8233.5	33.5	9.5	43.0	74.0	-31.0	Peak	Vertical
	12058.5	30.4	15.2	45.6	74.0	-28.4	Peak	Vertical
*	14081.5	30.5	16.4	46.9	68.2	-21.3	Peak	Vertical
*	16648.5	30.5	17.0	47.5	68.2	-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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8633.0	36.2	11.9	48.1	68.2	-20.1	Peak	Horizontal
*	9967.5	36.5	12.3	48.8	68.2	-19.4	Peak	Horizontal
	10732.5	36.1	14.6	50.7	74.0	-23.3	Peak	Horizontal
	12092.5	35.7	15.0	50.7	74.0	-23.3	Peak	Horizontal
*	8641.5	37.3	11.8	49.1	68.2	-19.1	Peak	Vertical
*	9967.5	36.9	12.3	49.2	68.2	-19.0	Peak	Vertical
	10936.5	36.1	14.9	51.0	74.0	-23.0	Peak	Vertical
	12033.0	35.9	15.0	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8684.0	36.7	11.9	48.6	68.2	-19.6	Peak	Horizontal
*	10095.0	36.5	12.8	49.3	68.2	-18.9	Peak	Horizontal
	11531.5	37.1	15.6	52.7	74.0	-21.3	Peak	Horizontal
	12101.0	35.6	15.1	50.7	74.0	-23.3	Peak	Horizontal
*	8811.5	34.4	11.8	46.2	68.2	-22.0	Peak	Vertical
*	10120.5	36.2	12.5	48.7	68.2	-19.5	Peak	Vertical
	10826.0	33.5	15.2	48.7	74.0	-25.3	Peak	Vertical
	11684.5	34.1	15.6	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8140.0	35.6	9.4	45.0	74.0	-29.0	Peak	Horizontal
	11616.5	32.2	16.2	48.4	74.0	-25.6	Peak	Horizontal
*	13826.5	32.0	16.9	48.9	68.2	-19.3	Peak	Horizontal
*	16818.5	30.7	19.1	49.8	68.2	-18.4	Peak	Horizontal
	8420.5	34.6	10.2	44.8	74.0	-29.2	Peak	Vertical
	11115.0	32.2	15.6	47.8	74.0	-26.2	Peak	Vertical
*	14192.0	30.5	17.1	47.6	68.2	-20.6	Peak	Vertical
*	16572.0	30.2	17.5	47.7	68.2	-20.5	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8293.0	33.5	9.7	43.2	74.0	-30.8	Peak	Horizontal
	11115.0	34.1	15.6	49.7	74.0	-24.3	Peak	Horizontal
*	14923.0	34.0	17.8	51.8	68.2	-16.4	Peak	Horizontal
*	16937.5	32.0	19.3	51.3	68.2	-16.9	Peak	Horizontal
	8284.5	33.6	9.6	43.2	74.0	-30.8	Peak	Vertical
	10928.0	31.5	14.8	46.3	74.0	-27.7	Peak	Vertical
*	12968.0	31.5	15.6	47.1	68.2	-21.1	Peak	Vertical
*	16861.0	31.8	18.6	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 can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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
*	8701.0	35.1	12.3	47.4	68.2	-20.8	Peak	Horizontal
*	10129.0	37.1	12.6	49.7	68.2	-18.5	Peak	Horizontal
	11200.0	34.7	15.6	50.3	74.0	-23.7	Peak	Horizontal
	12169.0	35.0	15.3	50.3	74.0	-23.7	Peak	Horizontal
*	8675.5	36.5	11.9	48.4	68.2	-19.8	Peak	Vertical
*	9772.0	35.0	12.1	47.1	68.2	-21.1	Peak	Vertical
	11446.5	35.3	15.2	50.5	74.0	-23.5	Peak	Vertical
	12058.5	34.9	15.2	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8633.0	36.5	11.9	48.4	68.2	-19.8	Peak	Horizontal
*	9908.0	37.0	12.3	49.3	68.2	-18.9	Peak	Horizontal
	11463.5	35.7	15.4	51.1	74.0	-22.9	Peak	Horizontal
	12254.0	35.7	14.8	50.5	74.0	-23.5	Peak	Horizontal
*	8735.0	33.9	12.3	46.2	68.2	-22.0	Peak	Vertical
*	9721.0	34.4	12.0	46.4	68.2	-21.8	Peak	Vertical
	10970.5	34.6	14.5	49.1	74.0	-24.9	Peak	Vertical
	11693.0	35.5	15.7	51.2	74.0	-22.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8794.5	34.2	11.9	46.1	68.2	-22.1	Peak	Horizontal
*	10154.5	36.0	12.6	48.6	68.2	-19.6	Peak	Horizontal
	11361.5	35.2	15.1	50.3	74.0	-23.7	Peak	Horizontal
	12007.5	35.2	14.5	49.7	74.0	-24.3	Peak	Horizontal
*	8794.5	36.9	11.9	48.8	68.2	-19.4	Peak	Vertical
*	9908.0	36.5	12.3	48.8	68.2	-19.4	Peak	Vertical
	11191.5	34.7	15.5	50.2	74.0	-23.8	Peak	Vertical
	11863.0	35.4	14.4	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8165.5	33.4	9.2	42.6	74.0	-31.4	Peak	Horizontal
	11106.5	33.3	15.3	48.6	74.0	-25.4	Peak	Horizontal
*	13920.0	32.0	16.4	48.4	68.2	-19.8	Peak	Horizontal
*	16589.0	31.0	17.3	48.3	68.2	-19.9	Peak	Horizontal
	8276.0	33.0	9.5	42.5	74.0	-31.5	Peak	Vertical
	11183.0	32.5	15.5	48.0	74.0	-26.0	Peak	Vertical
*	13962.5	32.7	16.2	48.9	68.2	-19.3	Peak	Vertical
*	16308.5	31.9	16.7	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8361.0	34.1	9.9	44.0	74.0	-30.0	Peak	Horizontal
	11574.0	33.2	15.6	48.8	74.0	-25.2	Peak	Horizontal
*	13614.0	31.1	16.2	47.3	68.2	-20.9	Peak	Horizontal
*	16733.5	29.6	17.6	47.2	68.2	-21.0	Peak	Horizontal
	8335.5	31.3	9.9	41.2	74.0	-32.8	Peak	Vertical
	11599.5	31.5	15.8	47.3	74.0	-26.7	Peak	Vertical
*	13809.5	30.6	16.5	47.1	68.2	-21.1	Peak	Vertical
*	16529.5	29.5	17.6	47.1	68.2	-21.1	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8454.5	33.1	10.5	43.6	74.0	-30.4	Peak	Horizontal
	11650.5	33.2	15.5	48.7	74.0	-25.3	Peak	Horizontal
*	13614.0	30.9	16.2	47.1	68.2	-21.1	Peak	Horizontal
*	16529.5	29.5	17.6	47.1	68.2	-21.1	Peak	Horizontal
	8412.0	33.8	10.2	44.0	74.0	-30.0	Peak	Vertical
	11599.5	31.2	15.8	47.0	74.0	-27.0	Peak	Vertical
*	13673.5	30.2	16.6	46.8	68.2	-21.4	Peak	Vertical
*	16427.5	30.0	17.0	47.0	68.2	-21.2	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8743.5	36.3	12.1	48.4	68.2	-19.8	Peak	Horizontal
*	10214.0	35.8	13.0	48.8	68.2	-19.4	Peak	Horizontal
	10970.5	35.4	14.5	49.9	74.0	-24.1	Peak	Horizontal
	12067.0	34.9	15.2	50.1	74.0	-23.9	Peak	Horizontal
*	8777.5	36.0	12.0	48.0	68.2	-20.2	Peak	Vertical
*	9916.5	36.2	12.2	48.4	68.2	-19.8	Peak	Vertical
	11616.5	34.9	16.2	51.1	74.0	-22.9	Peak	Vertical
	12322.0	35.4	14.6	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8675.5	36.0	11.9	47.9	68.2	-20.3	Peak	Horizontal
*	10460.5	37.3	13.6	50.9	68.2	-17.3	Peak	Horizontal
	11268.0	35.5	15.3	50.8	74.0	-23.2	Peak	Horizontal
	11701.5	35.4	15.6	51.0	74.0	-23.0	Peak	Horizontal
*	8811.5	34.1	11.8	45.9	68.2	-22.3	Peak	Vertical
*	9772.0	34.3	12.1	46.4	68.2	-21.8	Peak	Vertical
	11021.5	33.5	14.7	48.2	74.0	-25.8	Peak	Vertical
	11905.5	36.1	14.5	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8327.0	33.0	9.7	42.7	74.0	-31.3	Peak	Horizontal
	11055.5	33.8	15.0	48.8	74.0	-25.2	Peak	Horizontal
*	14039.0	31.7	16.8	48.5	68.2	-19.7	Peak	Horizontal
*	16597.5	31.9	17.6	49.5	68.2	-18.7	Peak	Horizontal
	8369.5	33.0	9.9	42.9	74.0	-31.1	Peak	Vertical
	10783.5	33.5	14.4	47.9	74.0	-26.1	Peak	Vertical
*	14285.5	32.6	17.6	50.2	68.2	-18.0	Peak	Vertical
*	16793.0	30.3	18.8	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8352.5	33.2	10.0	43.2	74.0	-30.8	Peak	Horizontal
	11599.5	32.8	15.8	48.6	74.0	-25.4	Peak	Horizontal
*	13750.0	33.0	16.8	49.8	68.2	-18.4	Peak	Horizontal
*	16572.0	30.9	17.5	48.4	68.2	-19.8	Peak	Horizontal
	8386.5	34.0	10.0	44.0	74.0	-30.0	Peak	Vertical
	11149.0	33.0	15.5	48.5	74.0	-25.5	Peak	Vertical
*	13835.0	32.8	17.3	50.1	68.2	-18.1	Peak	Vertical
*	16963.0	31.5	19.5	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT80	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
*	8803.0	36.1	12.0	48.1	68.2	-20.1	Peak	Horizontal
*	9721.0	34.9	12.0	46.9	68.2	-21.3	Peak	Horizontal
	11531.5	36.5	15.6	52.1	74.0	-21.9	Peak	Horizontal
	12143.5	36.4	15.2	51.6	74.0	-22.4	Peak	Horizontal
*	8718.0	36.4	12.0	48.4	68.2	-19.8	Peak	Vertical
*	10018.5	36.3	12.6	48.9	68.2	-19.3	Peak	Vertical
	11183.0	35.0	15.5	50.5	74.0	-23.5	Peak	Vertical
	11871.5	36.5	14.2	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	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11ac-VHT80	Test Date	2021/09/01 ~ 2021/09/28
Test 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)	Detector	Polarization
	8344.0	33.7	10.1	43.8	74.0	-30.2	Peak	Horizontal
	11557.0	32.1	15.8	47.9	74.0	-26.1	Peak	Horizontal
*	13945.5	32.0	16.7	48.7	68.2	-19.5	Peak	Horizontal
*	16538.0	30.4	17.6	48.0	68.2	-20.2	Peak	Horizontal
	8446.0	34.3	10.4	44.7	74.0	-29.3	Peak	Vertical
	11608.0	32.0	16.0	48.0	74.0	-26.0	Peak	Vertical
*	13979.5	32.2	16.3	48.5	68.2	-19.7	Peak	Vertical
*	16810.0	31.2	19.2	50.4	68.2	-17.8	Peak	Vertical

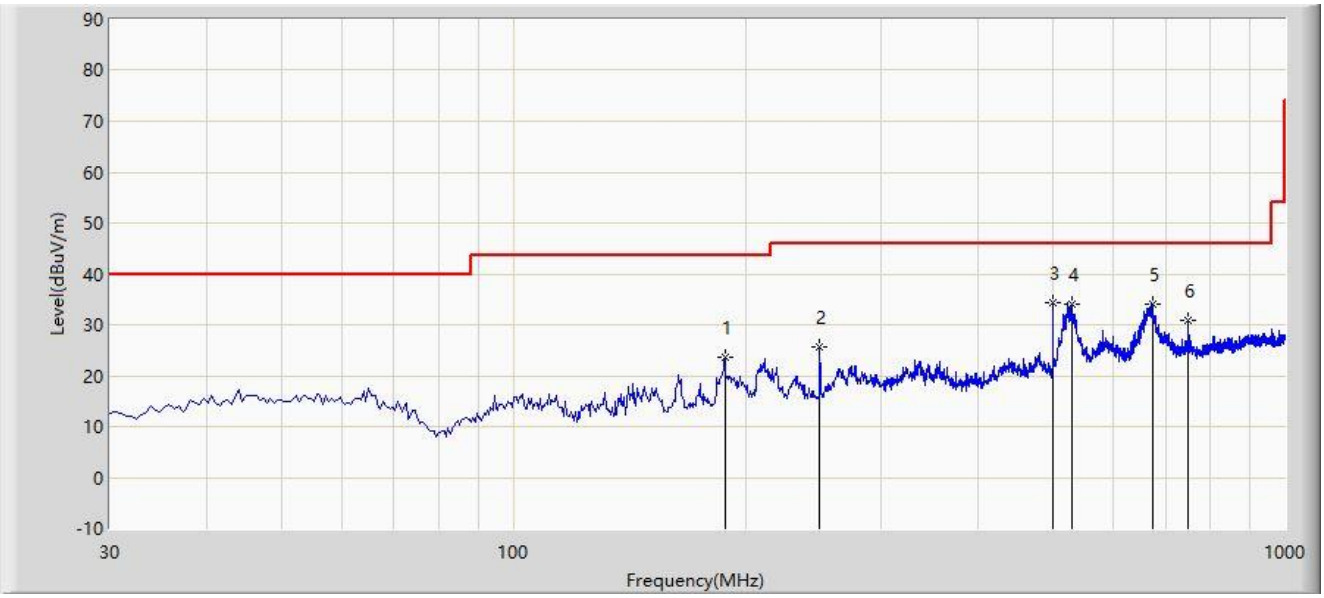
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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 Radiated Emission below 1GHz:

Site: NS-AC1	Test Date: 2021/08/19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at Channel 5190MHz	



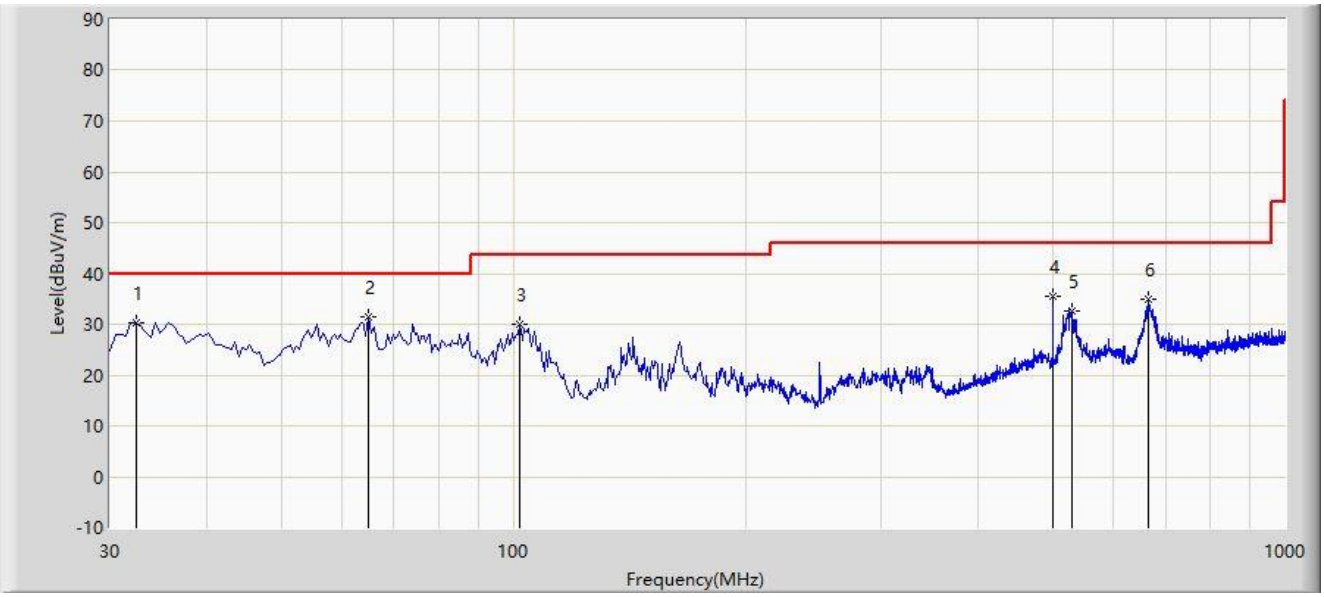
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			188.110	23.698	9.522	-19.802	43.500	14.176	PK
2			249.705	25.657	9.052	-20.343	46.000	16.605	PK
3		*	499.965	34.307	12.729	-11.693	46.000	21.578	PK
4			529.550	33.995	12.136	-12.005	46.000	21.859	PK
5			673.595	34.113	9.267	-11.887	46.000	24.846	PK
6			750.225	30.863	5.135	-15.137	46.000	25.728	PK

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 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: NS-AC1	Test Date: 2021/08/19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at Channel 5190MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			32.425	30.364	16.228	-9.636	40.000	14.136	PK
2		*	64.92	31.532	16.844	-8.468	40.000	14.688	PK
3			101.78	30.018	14.711	-13.482	43.500	15.307	PK
4			499.965	35.627	14.049	-10.373	46.000	21.578	PK
5			528.58	32.719	10.872	-13.281	46.000	21.847	PK
6			666.32	35.069	10.446	-10.931	46.000	24.623	PK

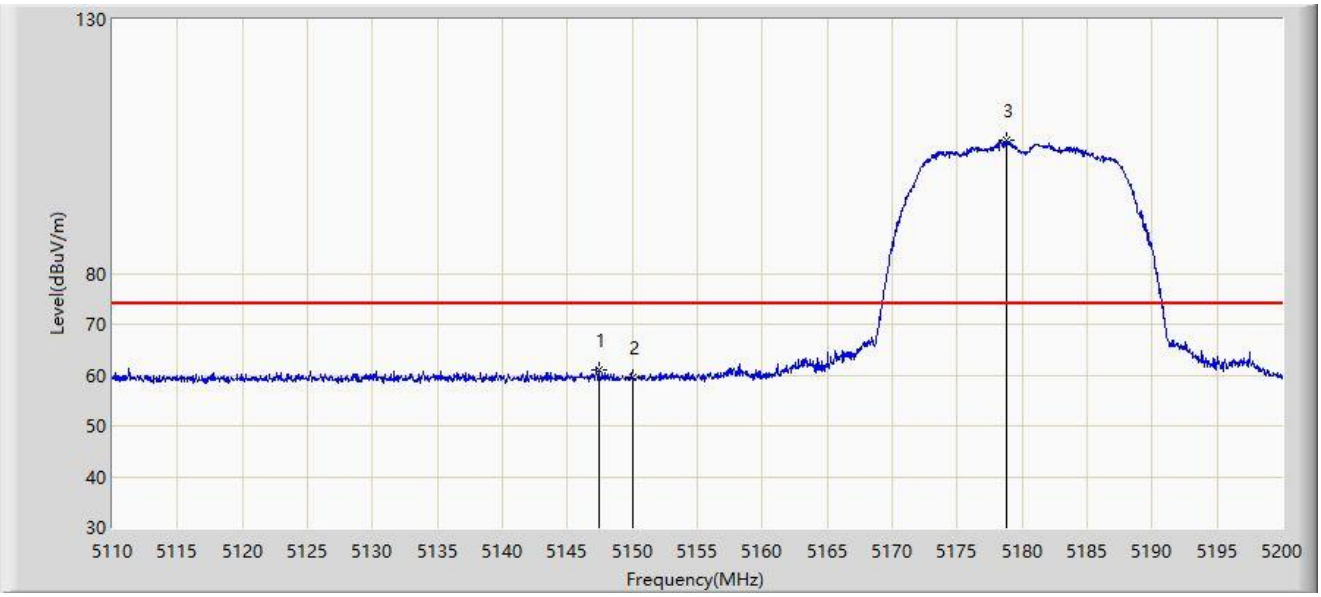
Note 1: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 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: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5180MHz	

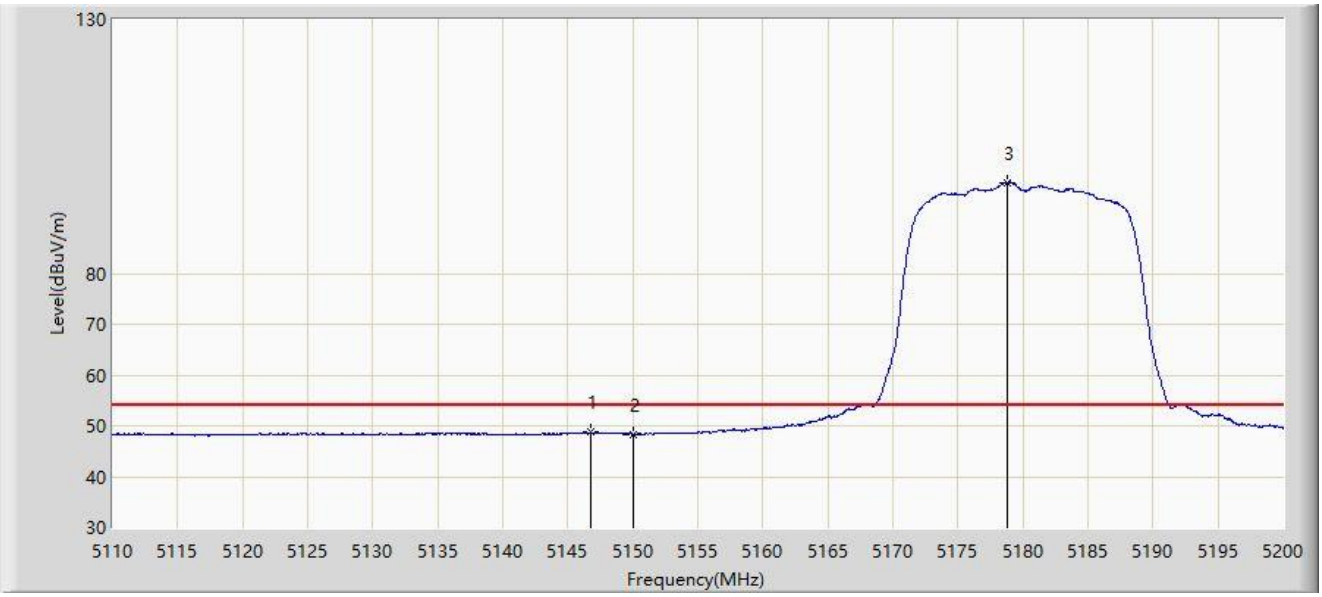


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5147.440	61.005	58.623	-12.995	74.000	2.381	PK
2			5150.000	59.491	57.125	-14.509	74.000	2.365	PK
3		*	5178.760	106.247	103.986	N/A	N/A	2.261	PK

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5180MHz	

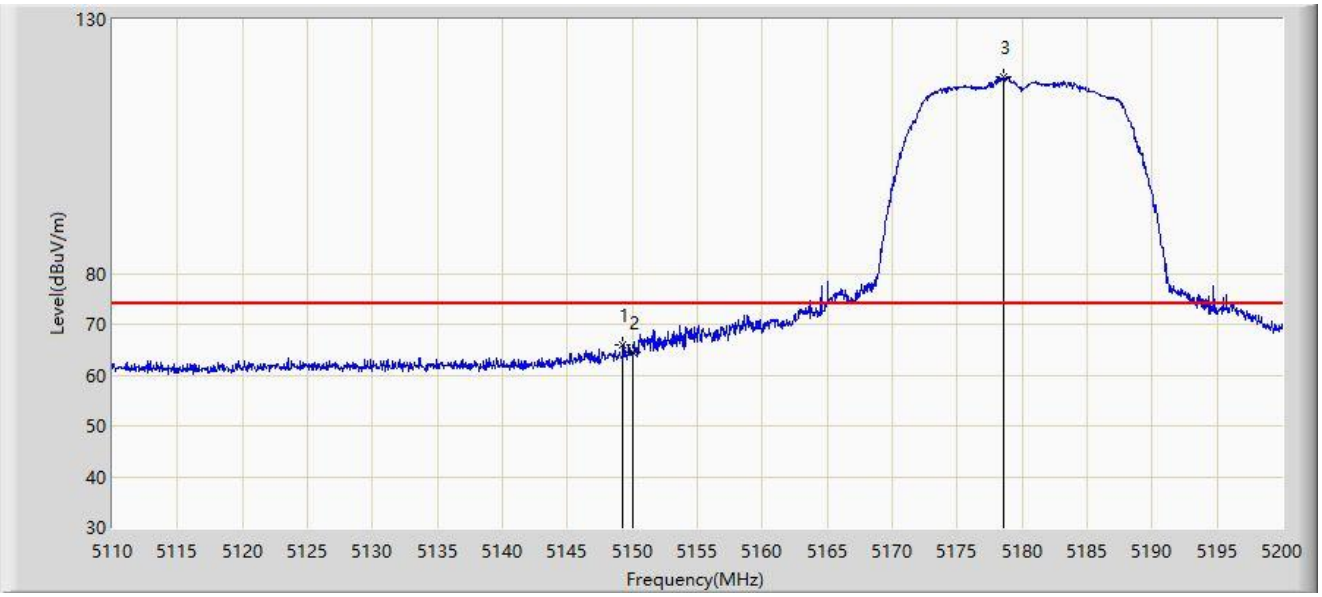


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5146.810	48.723	46.343	-5.277	54.000	2.380	AV
2			5150.000	48.346	45.980	-5.654	54.000	2.365	AV
3		*	5178.850	97.887	95.625	N/A	N/A	2.262	AV

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5180MHz	

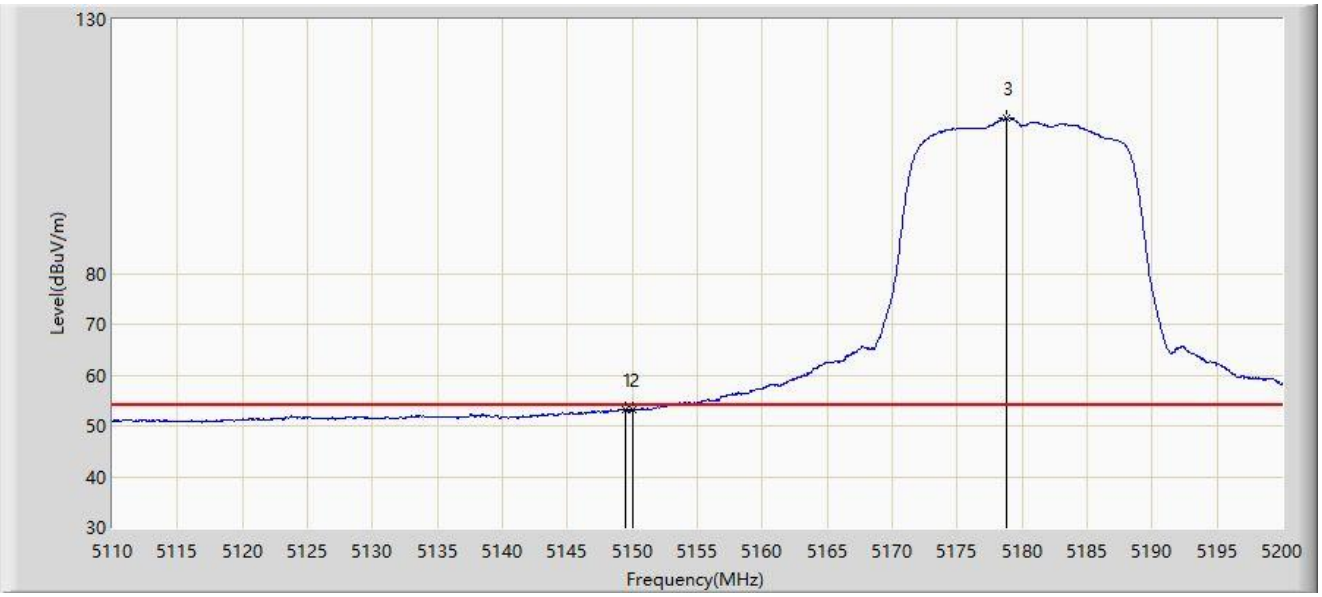


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.240	65.935	63.563	-8.065	74.000	2.372	PK
2			5150.000	64.529	62.163	-9.471	74.000	2.365	PK
3		*	5178.535	118.702	116.441	N/A	N/A	2.261	PK

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5180MHz	

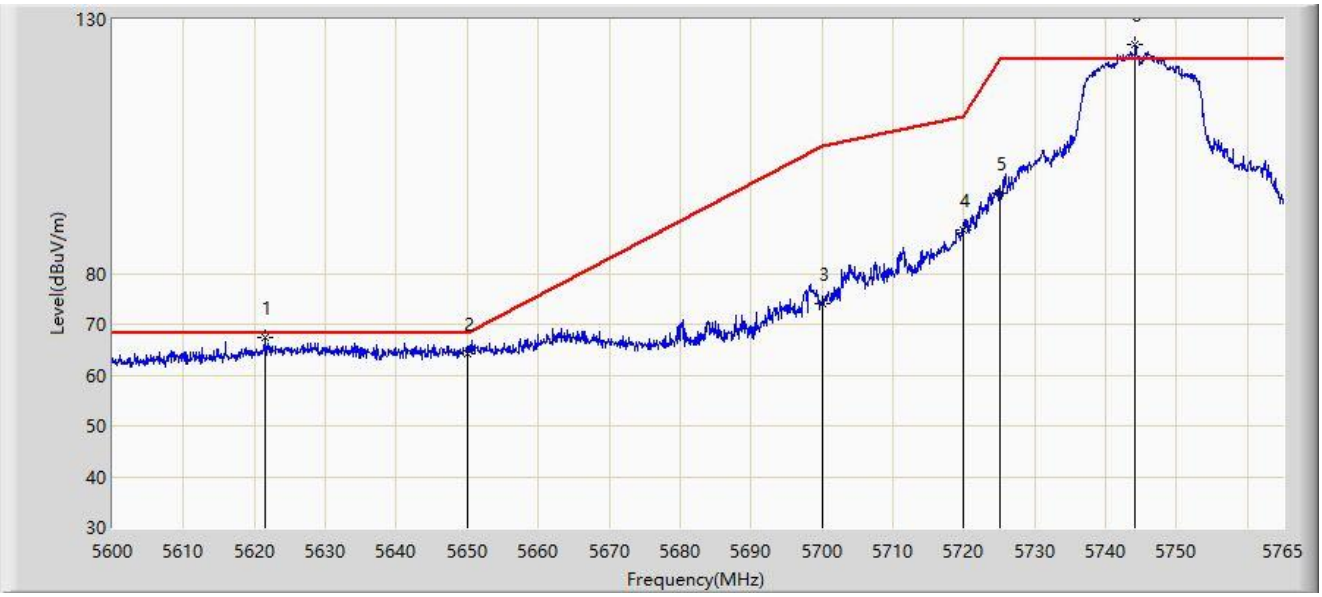


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.510	53.293	50.923	-0.707	54.000	2.370	AV
2			5150.000	53.184	50.818	-0.816	54.000	2.365	AV
3	X	*	5178.805	110.560	108.299	N/A	N/A	2.262	AV

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	

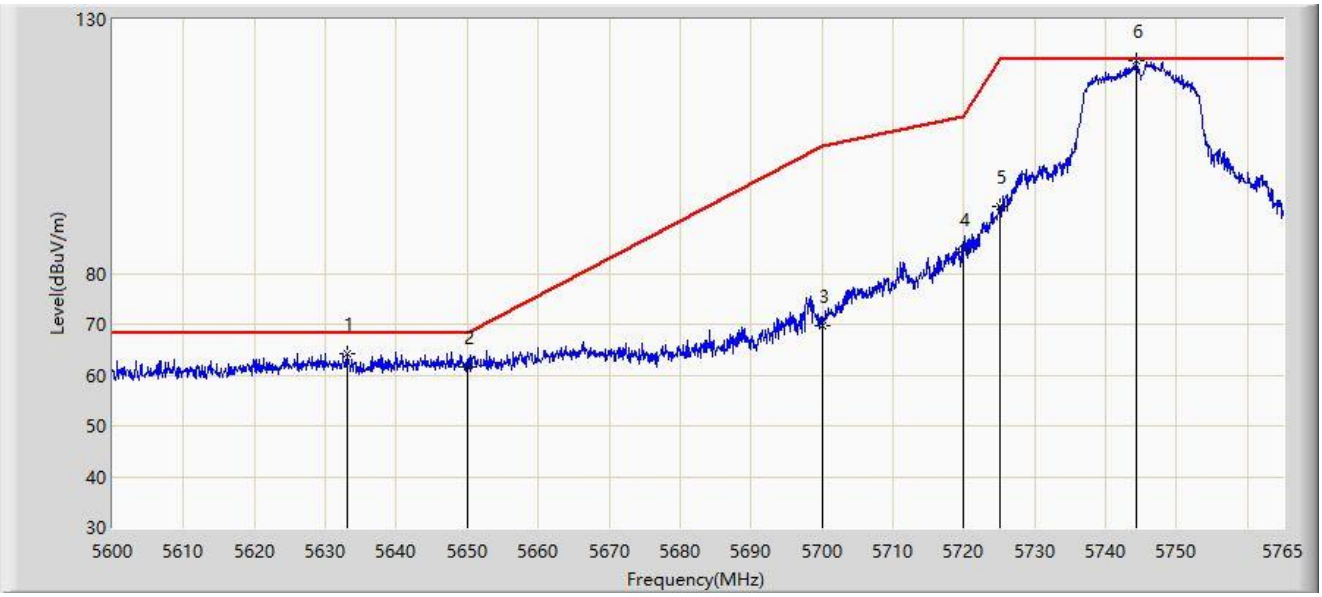


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5621.450	67.496	64.723	-0.704	68.200	2.774	PK
2			5650.000	64.167	61.514	-4.033	68.200	2.652	PK
3			5700.000	74.000	71.079	-31.200	105.200	2.921	PK
4			5720.000	88.513	85.550	-22.287	110.800	2.963	PK
5			5725.000	95.809	92.896	-26.391	122.200	2.913	PK
6		*	5744.127	124.949	122.246	N/A	N/A	2.702	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	

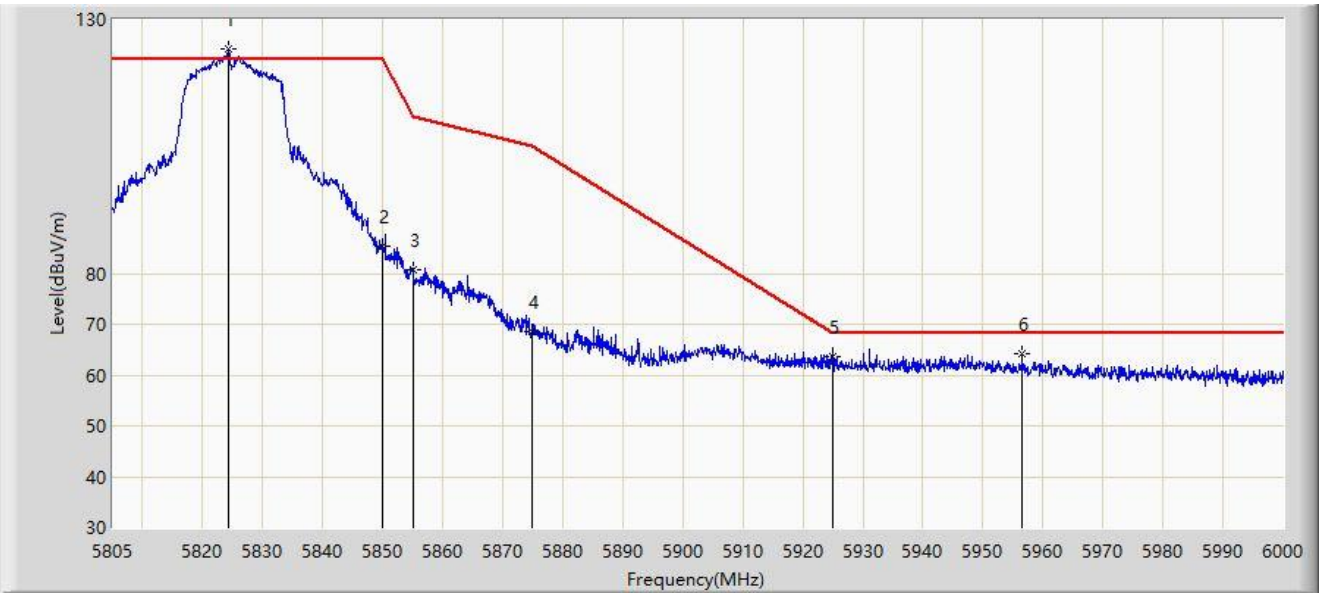


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5633.165	64.317	61.572	-3.883	68.200	2.745	PK
2			5650.000	61.602	58.949	-6.598	68.200	2.652	PK
3			5700.000	69.573	66.652	-35.627	105.200	2.921	PK
4			5720.000	84.907	81.944	-25.893	110.800	2.963	PK
5			5725.000	93.281	90.368	-28.919	122.200	2.913	PK
6		*	5744.375	121.983	119.276	N/A	N/A	2.707	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	

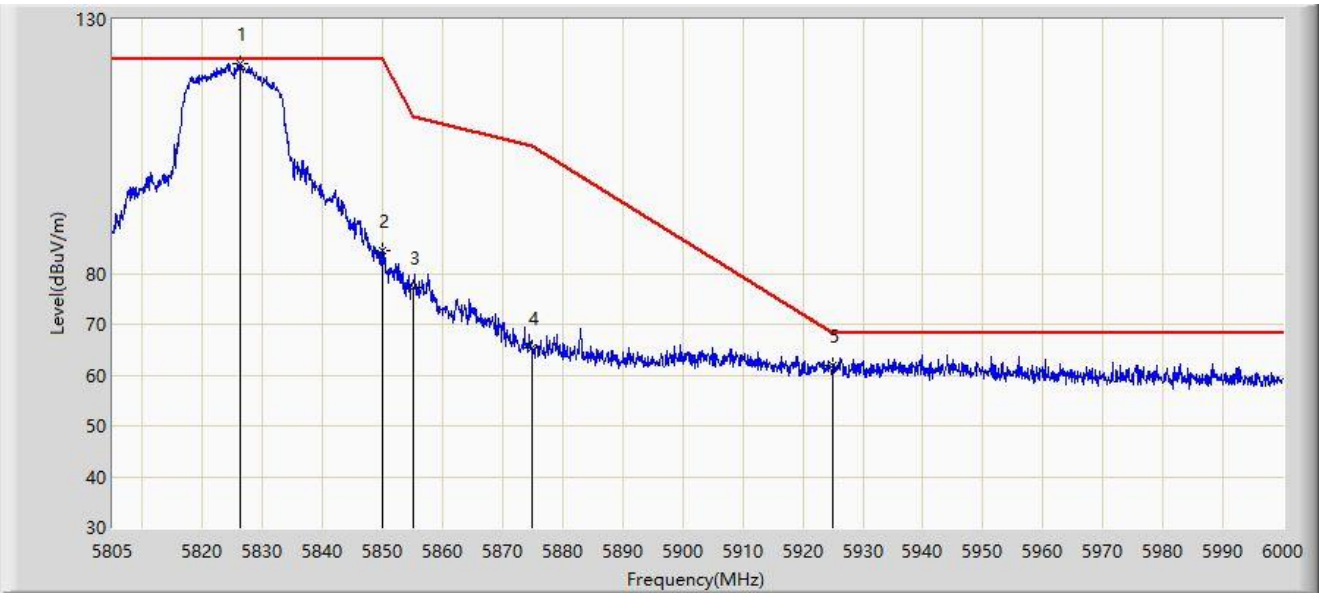


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5824.208	124.341	121.072	N/A	N/A	3.269	PK
2			5850.000	85.389	82.114	-36.811	122.200	3.275	PK
3			5855.000	80.799	77.523	-30.001	110.800	3.276	PK
4			5875.000	68.597	65.142	-36.603	105.200	3.455	PK
5			5925.000	63.561	60.046	-4.639	68.200	3.515	PK
6			5956.515	64.347	60.492	-3.853	68.200	3.855	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	

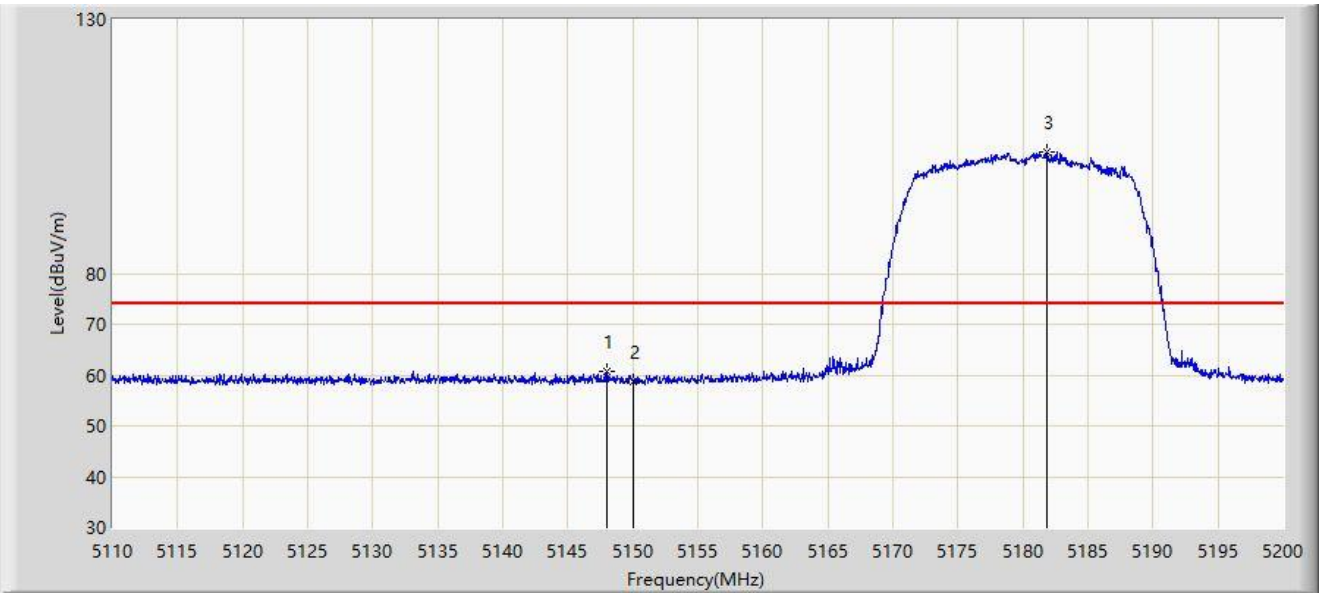


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5826.353	121.214	117.952	N/A	N/A	3.262	PK
2			5850.000	84.458	81.183	-37.742	122.200	3.275	PK
3			5855.000	77.375	74.099	-33.425	110.800	3.276	PK
4			5875.000	65.372	61.917	-39.828	105.200	3.455	PK
5			5925.000	61.768	58.253	-6.432	68.200	3.515	PK

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5180MHz	

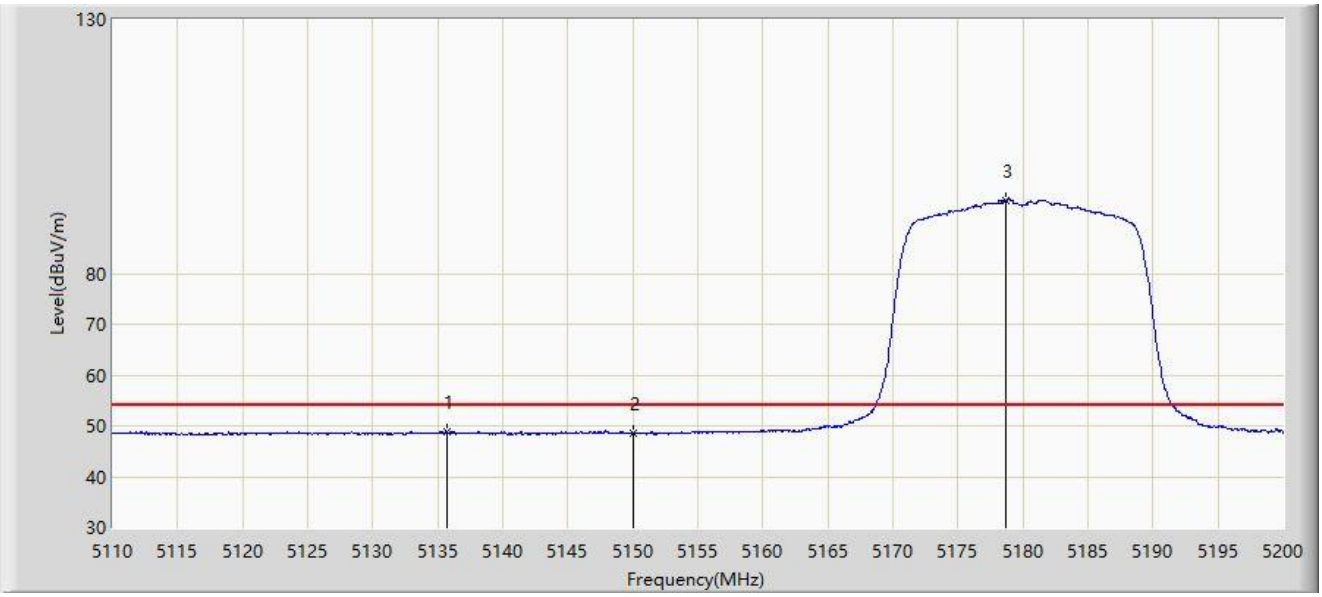


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5147.980	60.726	58.343	-13.274	74.000	2.383	PK
2			5150.000	58.769	56.403	-15.231	74.000	2.365	PK
3		*	5181.820	103.769	101.502	N/A	N/A	2.267	PK

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5180MHz	

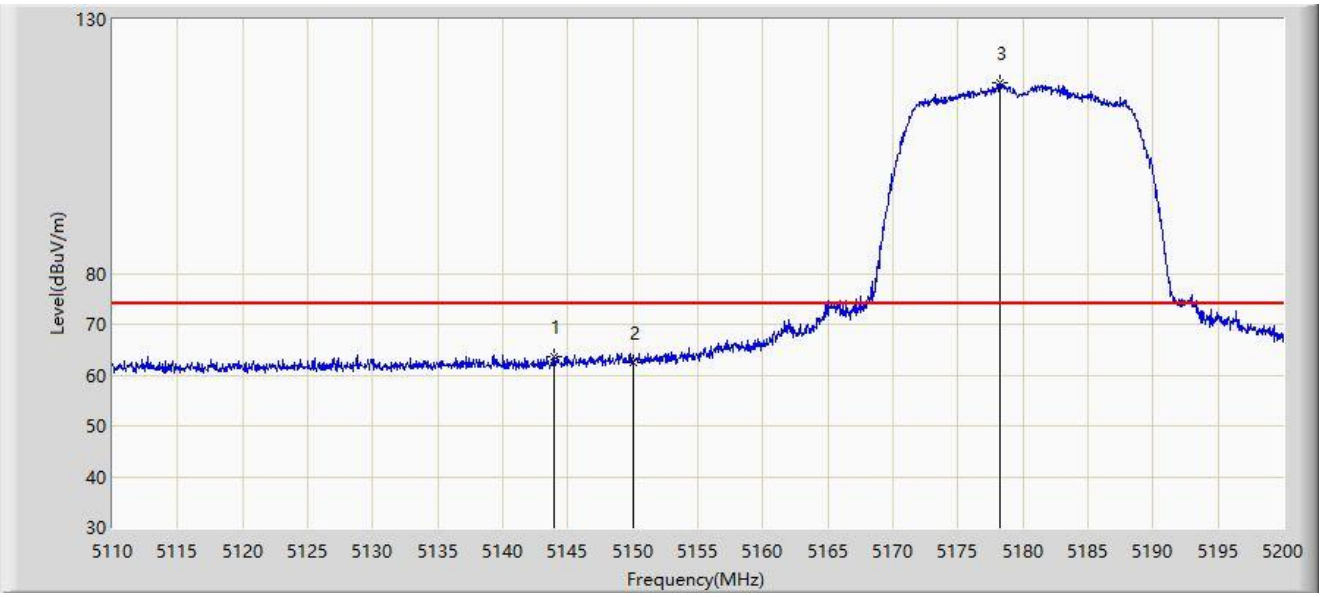


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5135.695	48.798	46.450	-5.202	54.000	2.347	AV
2			5150.000	48.528	46.162	-5.472	54.000	2.365	AV
3		*	5178.715	94.483	92.222	N/A	N/A	2.261	AV

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5180MHz	

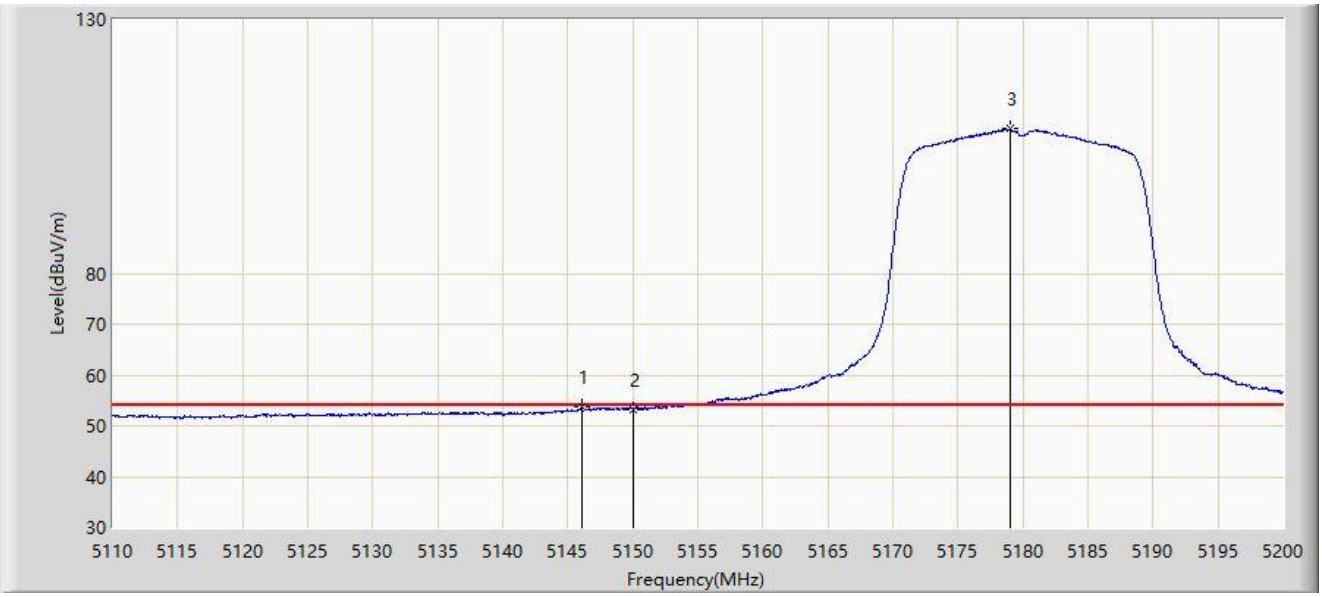


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5143.930	63.734	61.363	-10.266	74.000	2.372	PK
2			5150.000	62.596	60.230	-11.404	74.000	2.365	PK
3		*	5178.220	117.519	115.259	N/A	N/A	2.260	PK

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5180MHz	

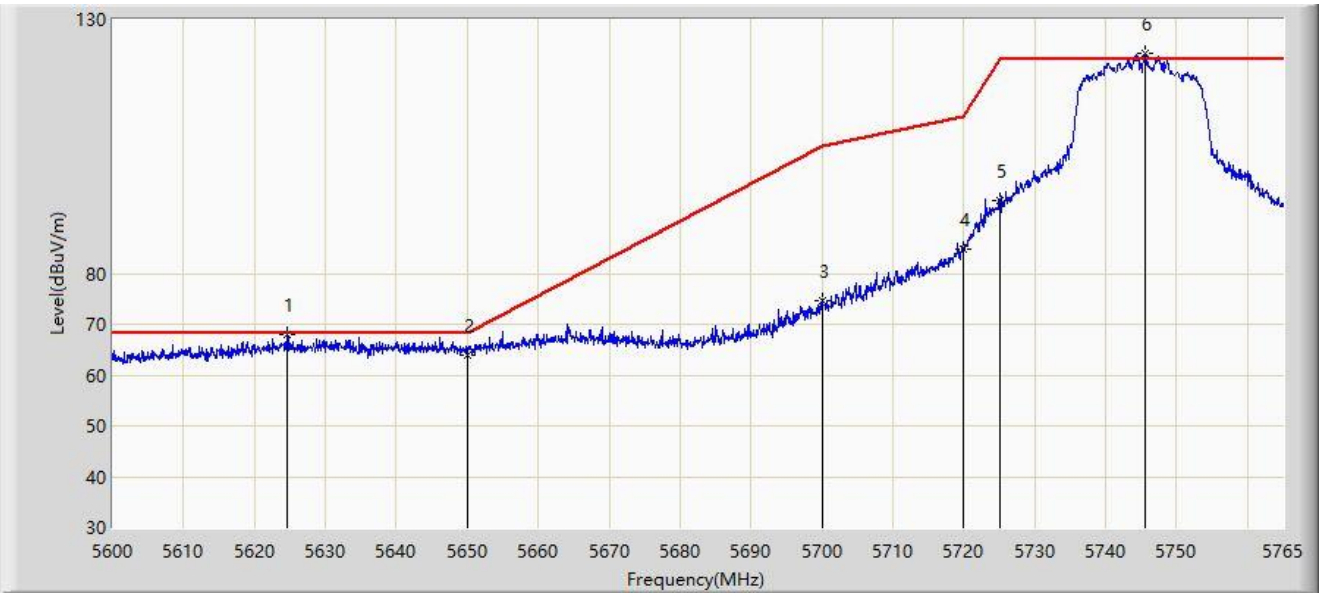


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5146.045	53.674	51.296	-0.326	54.000	2.377	AV
2			5150.000	53.329	50.963	-0.671	54.000	2.365	AV
3	X	*	5179.030	108.417	106.155	N/A	N/A	2.262	AV

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz	

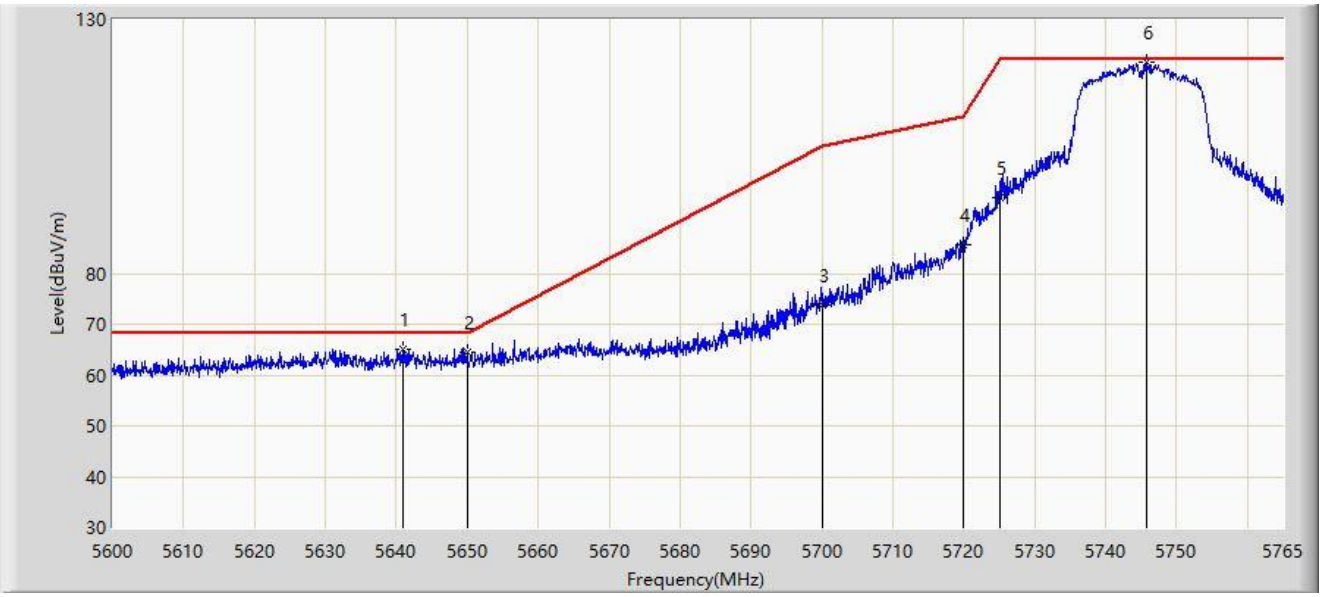


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5624.502	67.972	65.157	-0.228	68.200	2.815	PK
2			5650.000	64.048	61.395	-4.152	68.200	2.652	PK
3			5700.000	74.726	71.805	-30.474	105.200	2.921	PK
4			5720.000	84.836	81.873	-25.964	110.800	2.963	PK
5			5725.000	94.235	91.322	-27.965	122.200	2.913	PK
6		*	5745.612	123.196	120.468	N/A	N/A	2.728	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz	

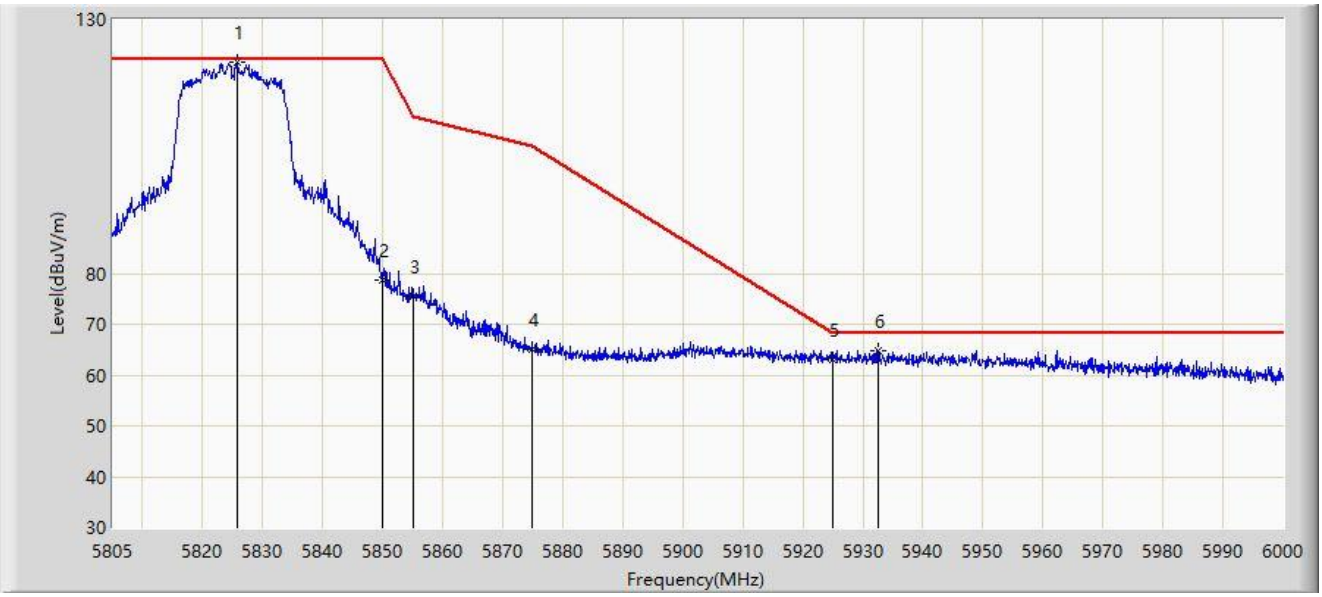


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5641.002	64.999	62.318	-3.201	68.200	2.681	PK
2			5650.000	64.407	61.754	-3.793	68.200	2.652	PK
3			5700.000	73.807	70.886	-31.393	105.200	2.921	PK
4			5720.000	85.687	82.724	-25.113	110.800	2.963	PK
5			5725.000	95.036	92.123	-27.164	122.200	2.913	PK
6		*	5745.695	121.501	118.772	N/A	N/A	2.729	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz	

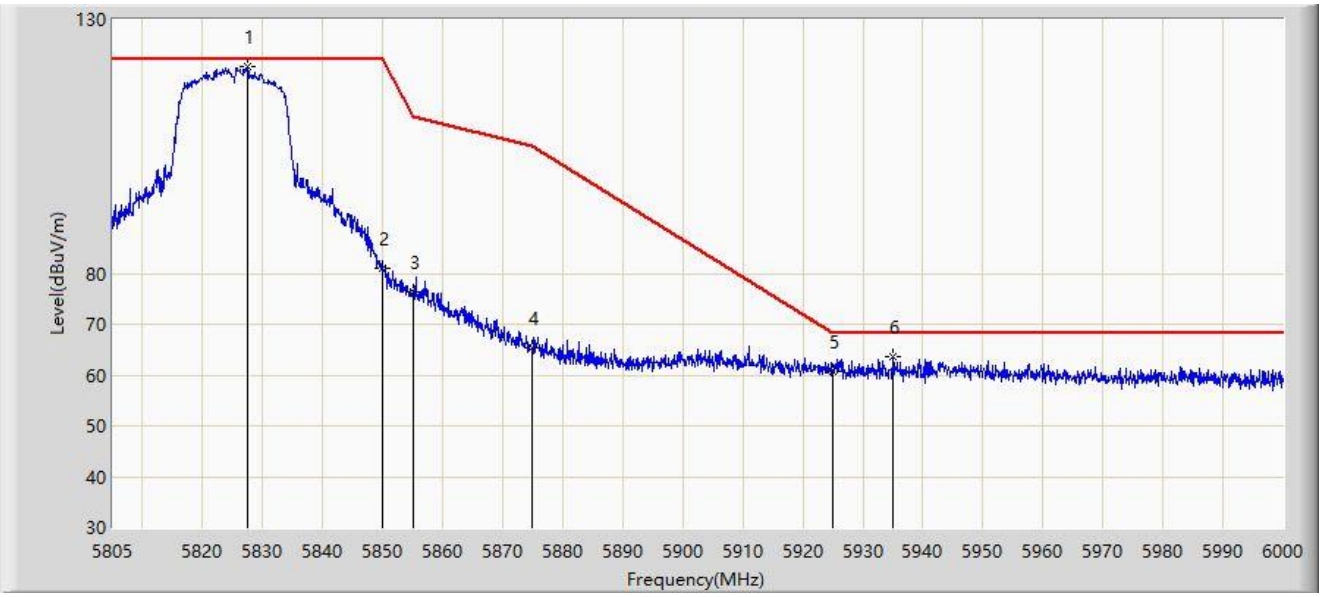


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5825.670	121.674	118.410	N/A	N/A	3.264	PK
2			5850.000	78.785	75.510	-43.415	122.200	3.275	PK
3			5855.000	75.531	72.255	-35.269	110.800	3.276	PK
4			5875.000	64.991	61.536	-40.209	105.200	3.455	PK
5			5925.000	62.924	59.409	-5.276	68.200	3.515	PK
6			5932.627	64.646	61.102	-3.554	68.200	3.544	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz	

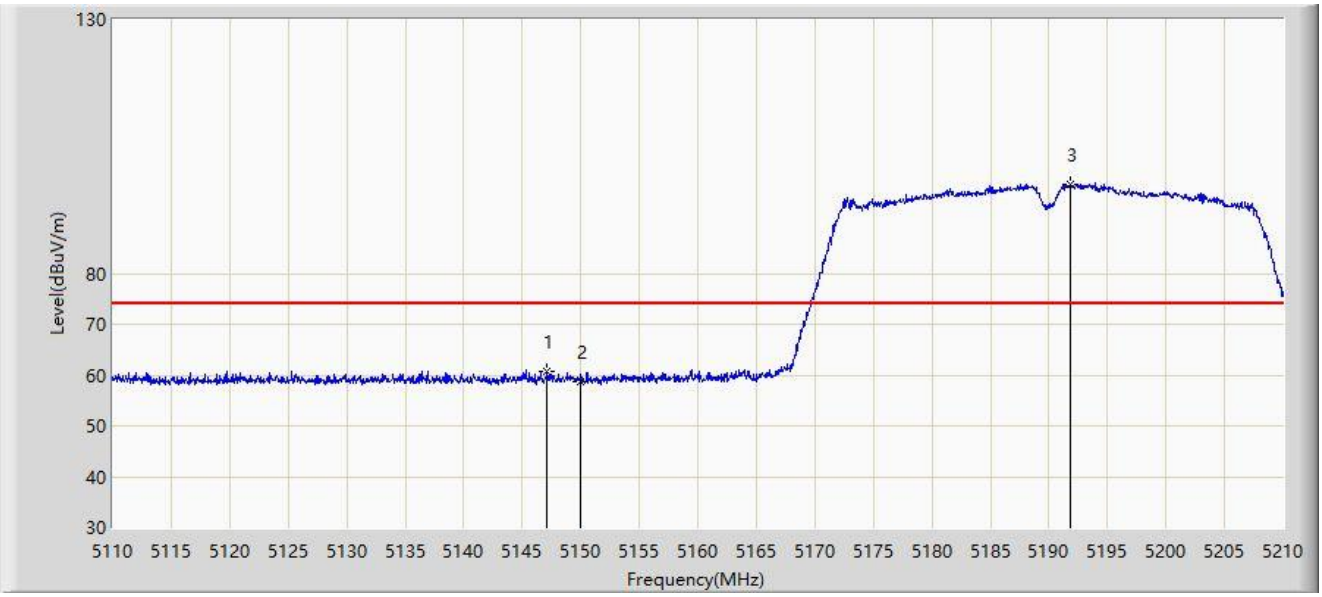


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5827.522	120.593	117.335	N/A	N/A	3.257	PK
2			5850.000	80.872	77.597	-41.328	122.200	3.275	PK
3			5855.000	76.505	73.229	-34.295	110.800	3.276	PK
4			5875.000	65.265	61.810	-39.935	105.200	3.455	PK
5			5925.000	60.751	57.236	-7.449	68.200	3.515	PK
6			5935.065	63.518	59.932	-4.682	68.200	3.585	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 5190MHz	

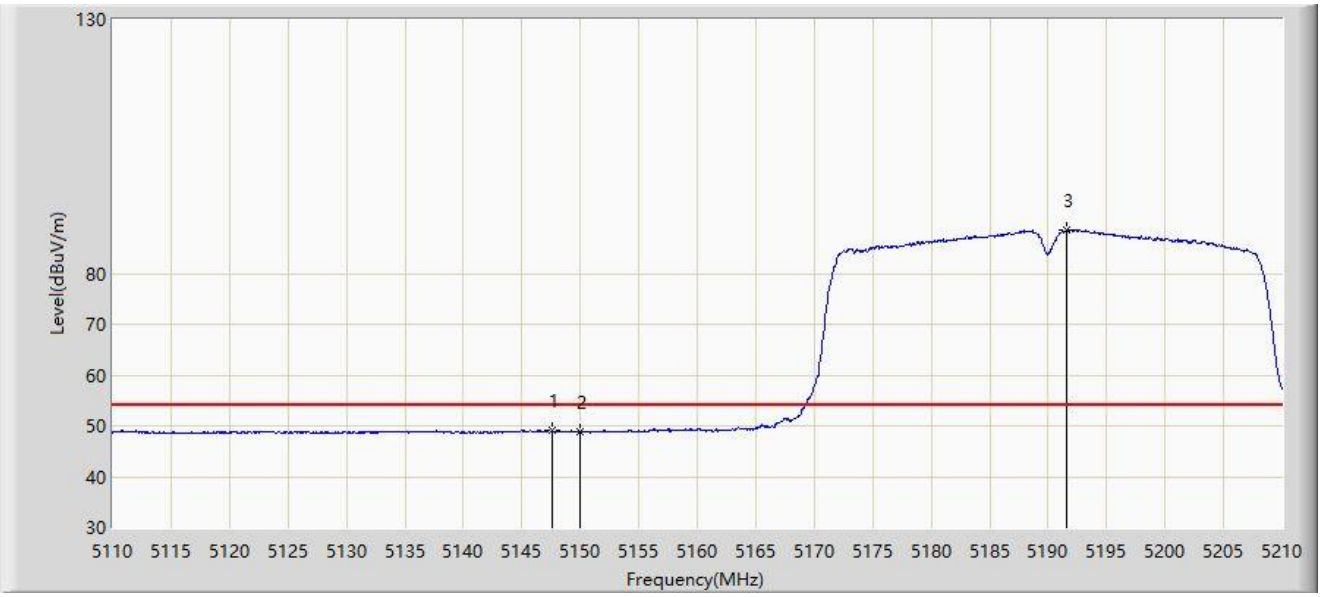


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5147.100	60.719	58.338	-13.281	74.000	2.380	PK
2			5150.000	58.828	56.462	-15.172	74.000	2.365	PK
3		*	5191.800	97.561	95.391	N/A	N/A	2.169	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 5190MHz	

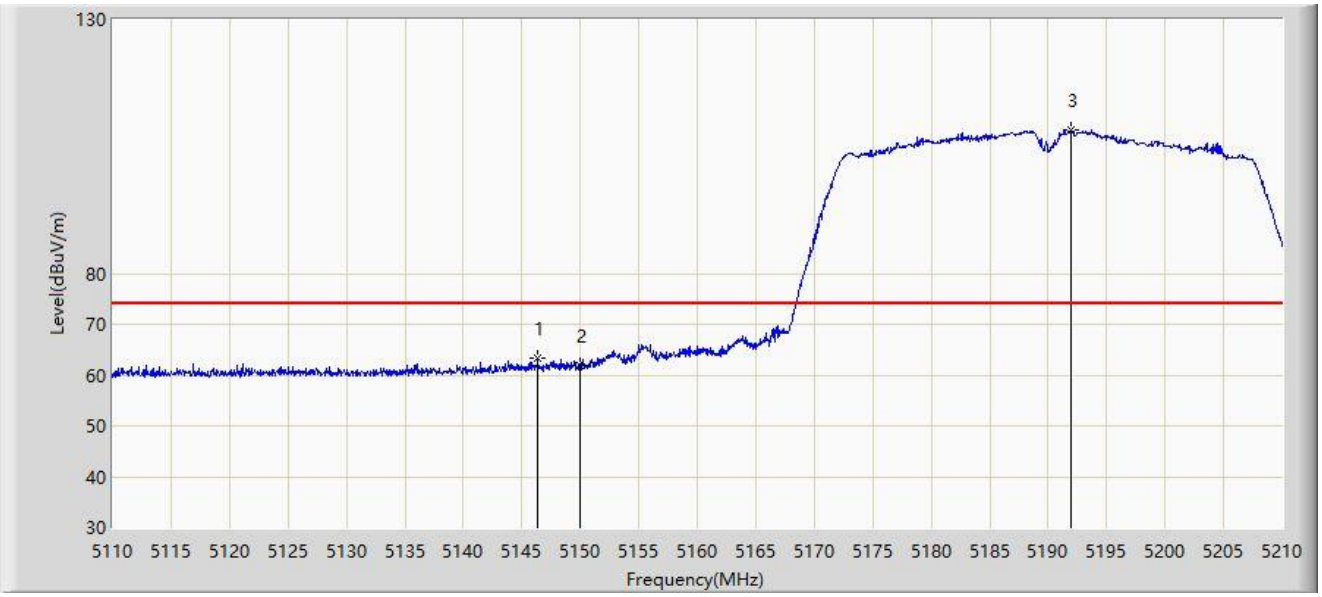


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5147.550	49.123	46.741	-4.877	54.000	2.383	AV
2			5150.000	48.720	46.354	-5.280	54.000	2.365	AV
3		*	5191.600	88.604	86.432	N/A	N/A	2.172	AV

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 5190MHz	

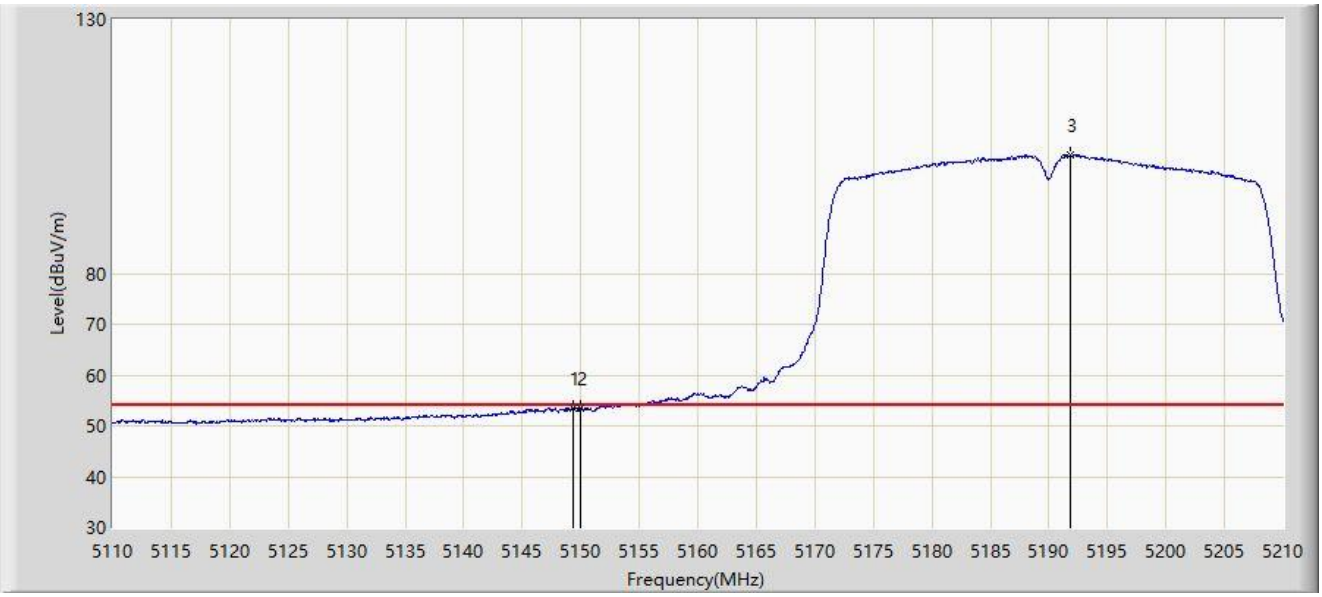


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5146.350	63.309	60.931	-10.691	74.000	2.378	PK
2			5150.000	61.954	59.588	-12.046	74.000	2.365	PK
3		*	5191.900	108.218	106.049	N/A	N/A	2.169	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 5190MHz	

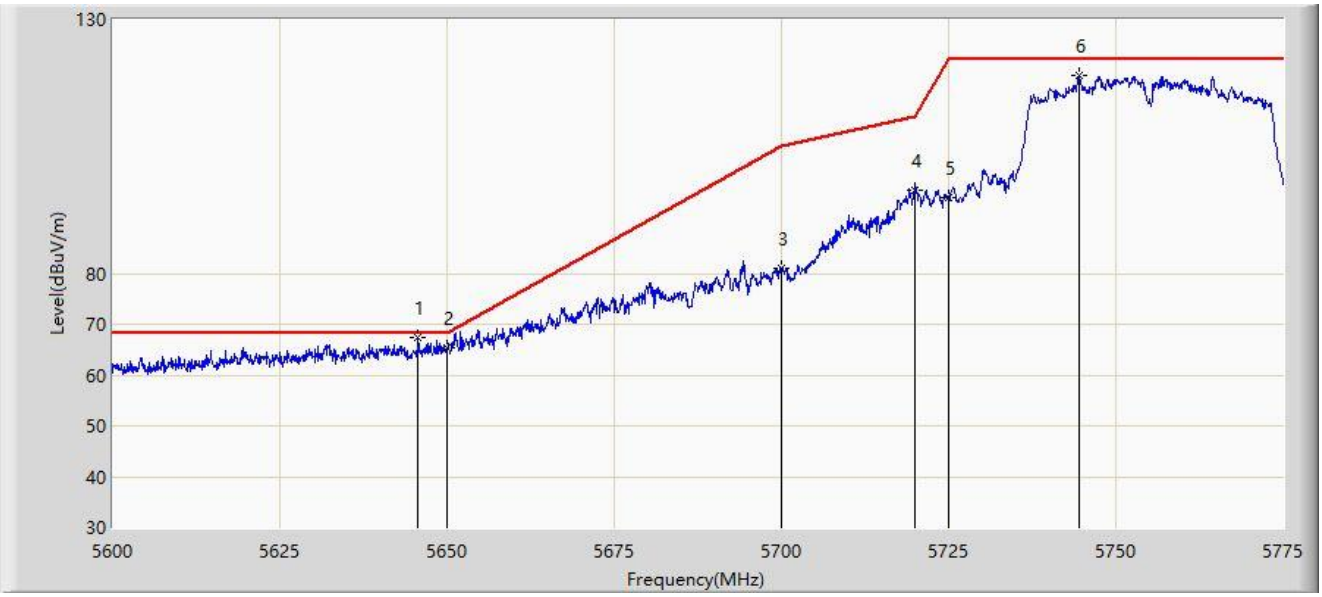


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.300	53.522	51.150	-0.478	54.000	2.371	AV
2			5150.000	53.338	50.972	-0.662	54.000	2.365	AV
3		*	5191.800	103.201	101.031	N/A	N/A	2.169	AV

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz	

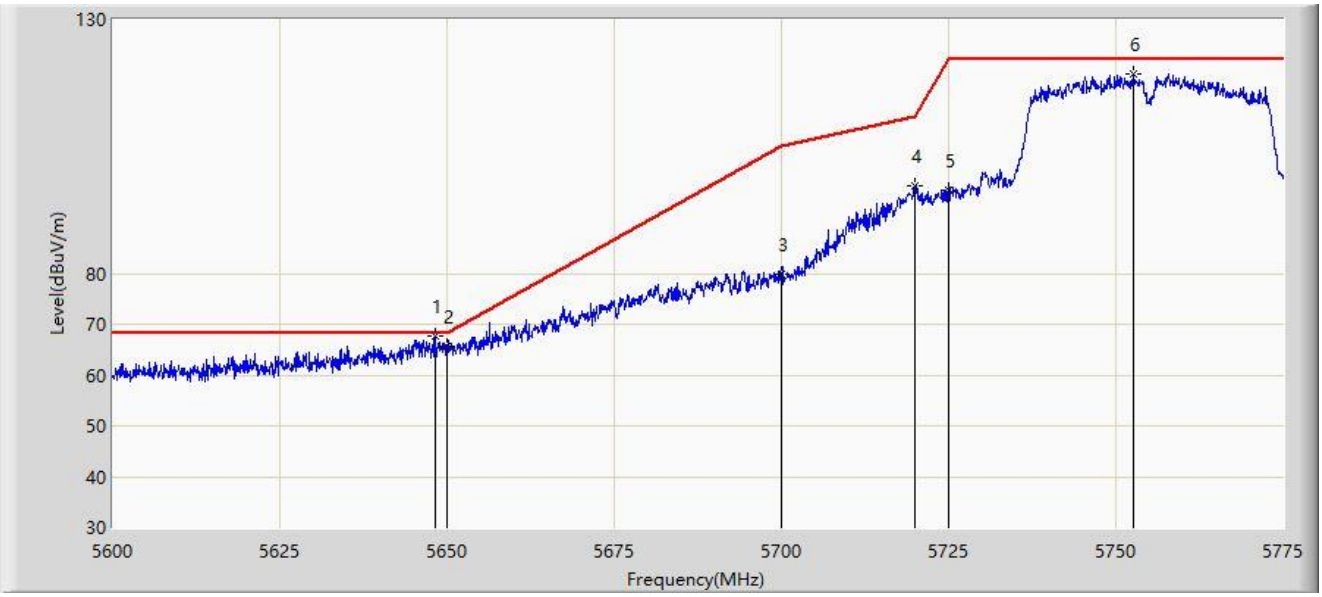


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5645.675	67.313	64.646	-0.887	68.200	2.667	PK
2			5650.000	65.242	62.589	-2.958	68.200	2.652	PK
3			5700.000	80.961	78.040	-24.239	105.200	2.921	PK
4			5720.000	96.285	93.322	-14.515	110.800	2.963	PK
5			5725.000	95.034	92.121	-27.166	122.200	2.913	PK
6			5744.462	118.994	116.286	N/A	N/A	2.708	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz	

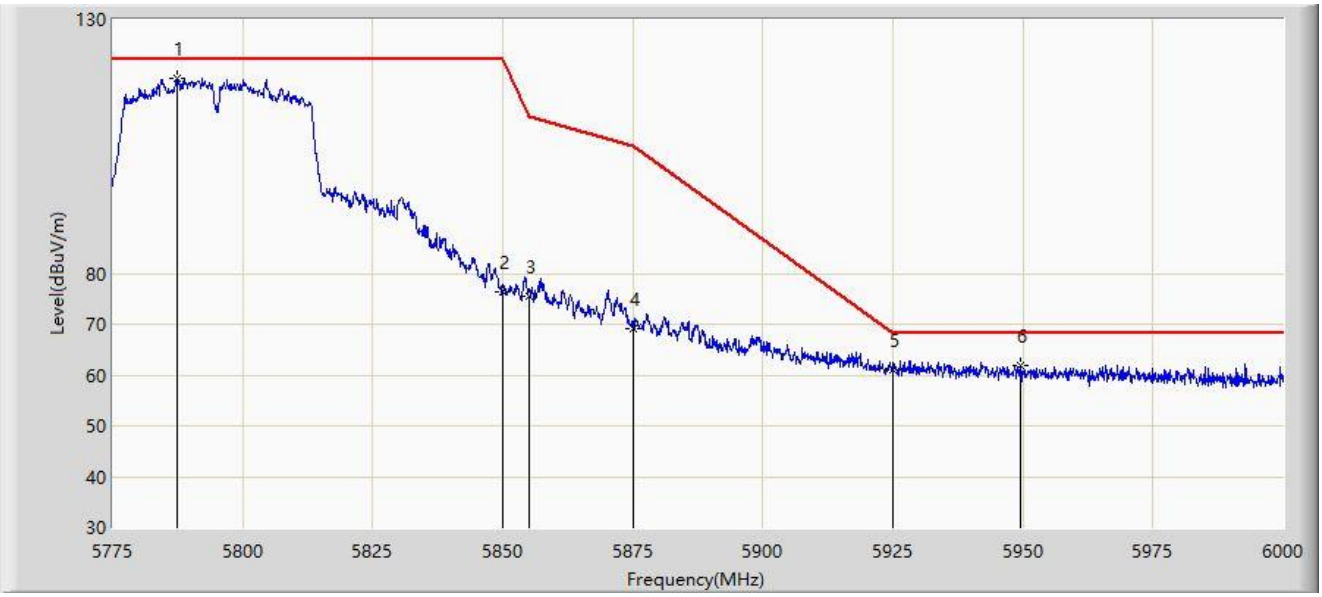


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5648.300	67.574	64.916	-0.626	68.200	2.659	PK
2			5650.000	65.782	63.129	-2.418	68.200	2.652	PK
3			5700.000	79.801	76.880	-25.399	105.200	2.921	PK
4			5720.000	97.140	94.177	-13.660	110.800	2.963	PK
5			5725.000	96.318	93.405	-25.882	122.200	2.913	PK
6			5752.600	119.252	116.406	N/A	N/A	2.847	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz	

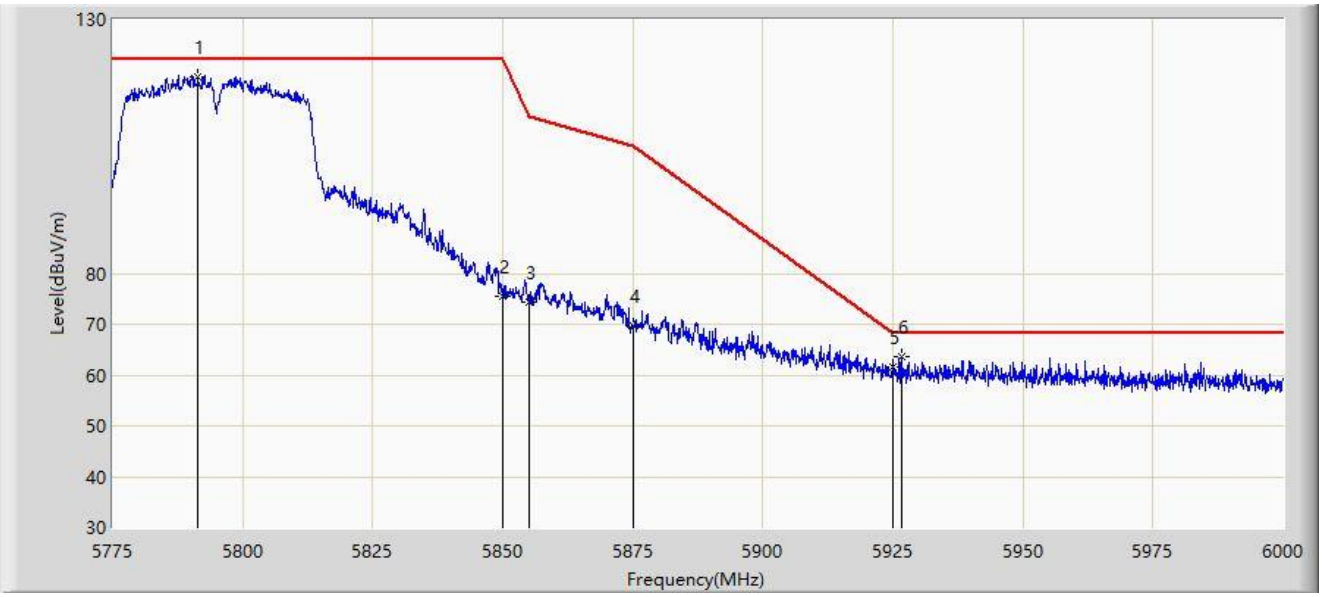


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5787.487	118.477	115.533	N/A	N/A	2.944	PK
2			5850.000	76.438	73.163	-45.762	122.200	3.275	PK
3			5855.000	75.459	72.183	-35.341	110.800	3.276	PK
4			5875.000	69.166	65.711	-36.034	105.200	3.455	PK
5			5925.000	60.892	57.377	-7.308	68.200	3.515	PK
6			5949.487	61.991	58.184	-6.209	68.200	3.807	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz	

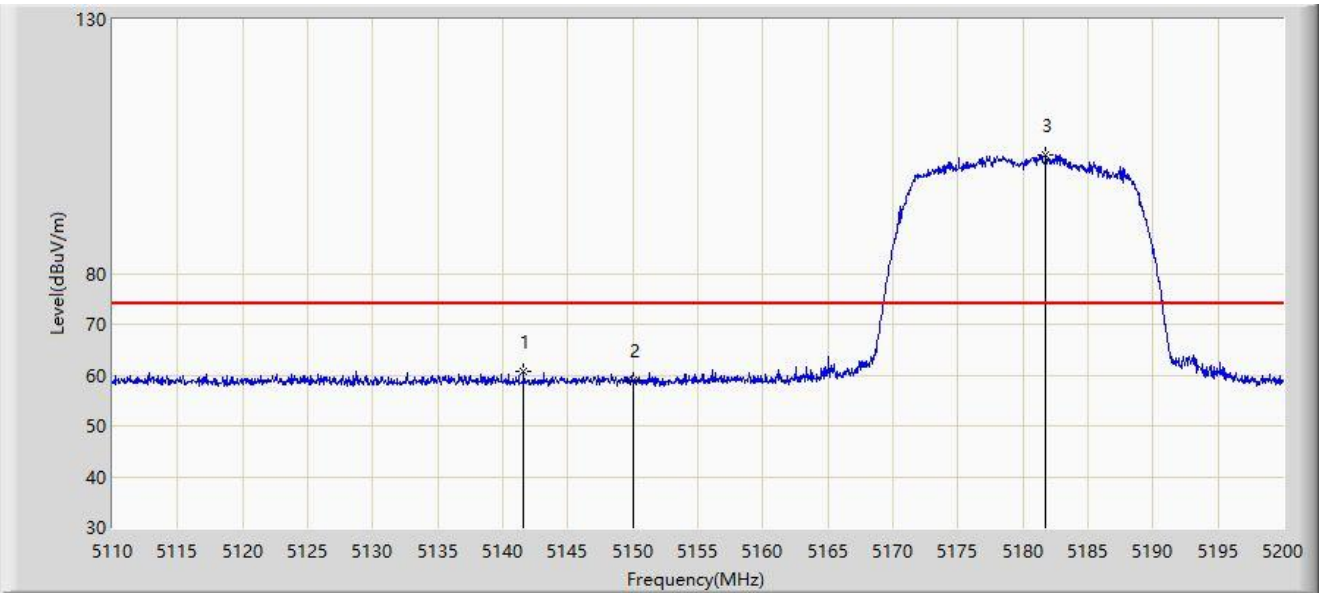


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5791.425	118.671	115.731	N/A	N/A	2.940	PK
2			5850.000	75.637	72.362	-46.563	122.200	3.275	PK
3			5855.000	74.320	71.044	-36.480	110.800	3.276	PK
4			5875.000	69.663	66.208	-35.537	105.200	3.455	PK
5			5925.000	61.459	57.944	-6.741	68.200	3.515	PK
6			5926.650	63.622	60.112	-4.578	68.200	3.510	PK

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5180MHz	

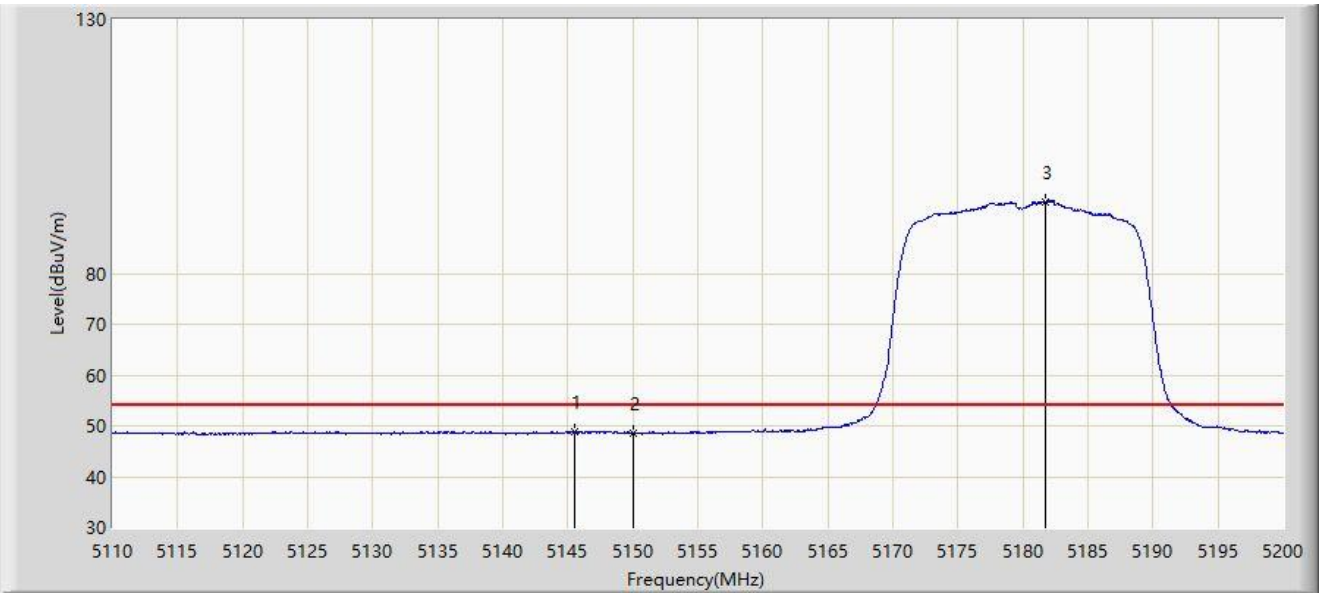


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5141.635	60.591	58.226	-13.409	74.000	2.365	PK
2			5150.000	58.992	56.626	-15.008	74.000	2.365	PK
3		*	5181.775	103.304	101.037	N/A	N/A	2.267	PK

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5180MHz	

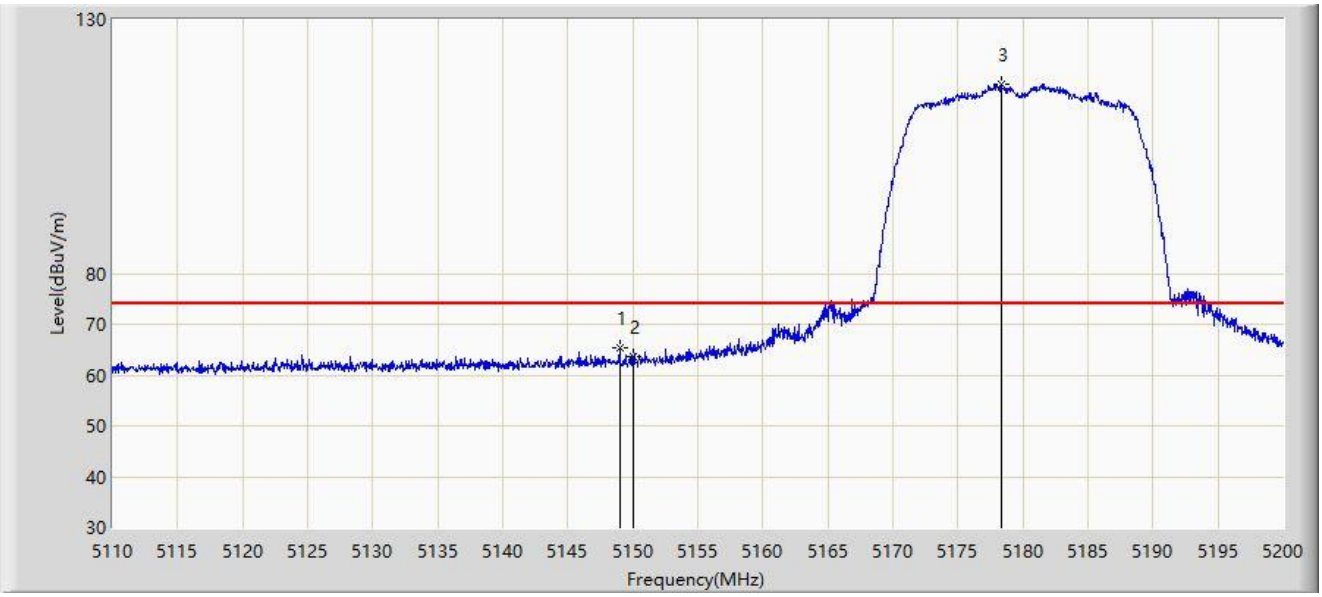


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5145.505	48.829	46.453	-5.171	54.000	2.377	AV
2			5150.000	48.572	46.206	-5.428	54.000	2.365	AV
3		*	5181.685	94.160	91.893	N/A	N/A	2.267	AV

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5180MHz	

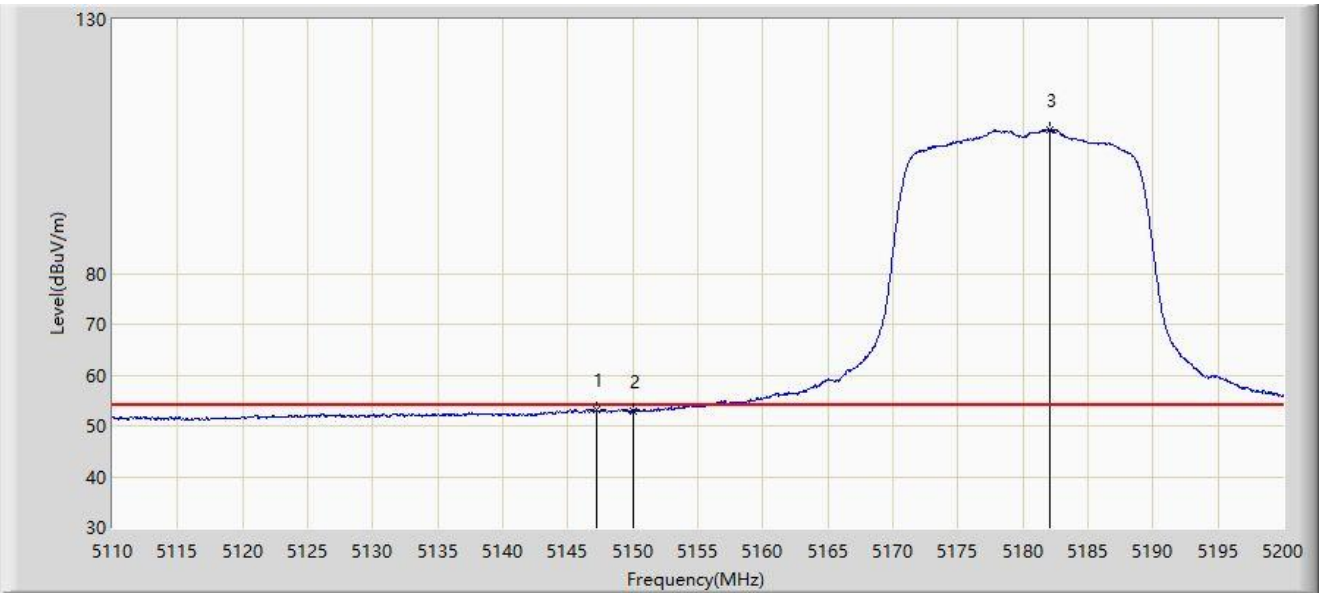


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5148.970	65.437	63.062	-8.563	74.000	2.376	PK
2			5150.000	63.527	61.161	-10.473	74.000	2.365	PK
3		*	5178.355	117.209	114.948	N/A	N/A	2.261	PK

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

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

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5180MHz	

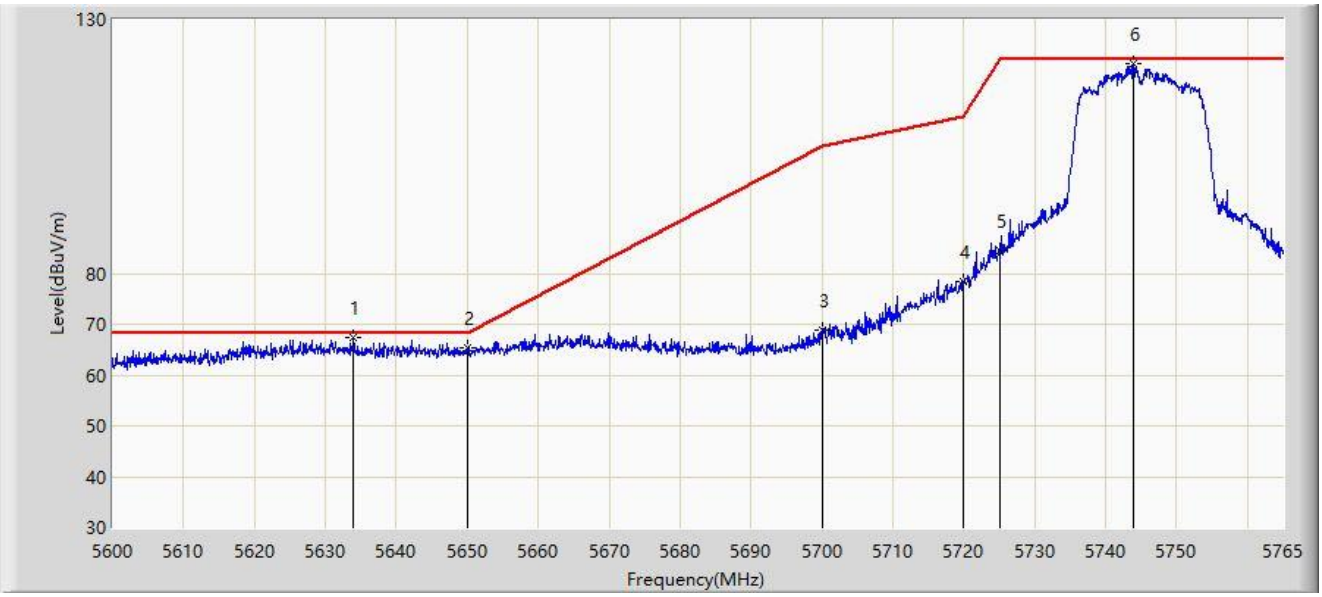


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5147.215	53.299	50.918	-0.701	54.000	2.380	AV
2			5150.000	52.882	50.516	-1.118	54.000	2.365	AV
3	X	*	5182.045	108.150	105.883	N/A	N/A	2.267	AV

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz	

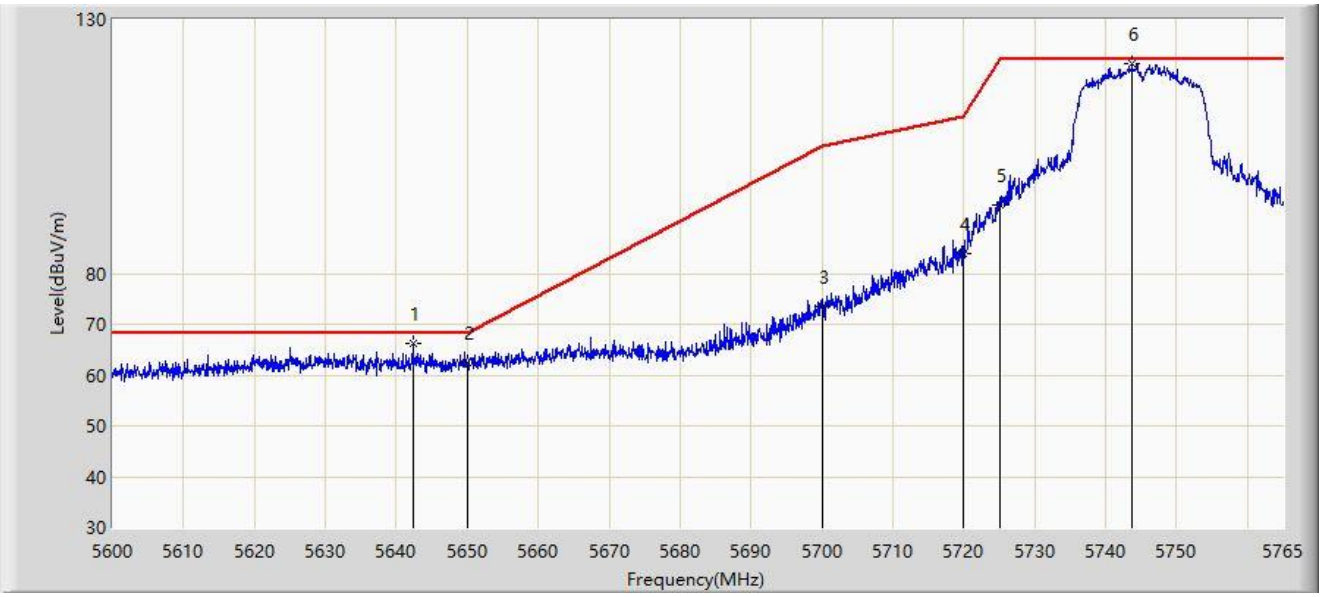


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5633.990	67.250	64.512	-0.950	68.200	2.739	PK
2			5650.000	65.433	62.780	-2.767	68.200	2.652	PK
3			5700.000	68.711	65.790	-36.489	105.200	2.921	PK
4			5720.000	78.527	75.564	-32.273	110.800	2.963	PK
5			5725.000	84.361	81.448	-37.839	122.200	2.913	PK
6		*	5743.880	121.390	118.692	N/A	N/A	2.698	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz	

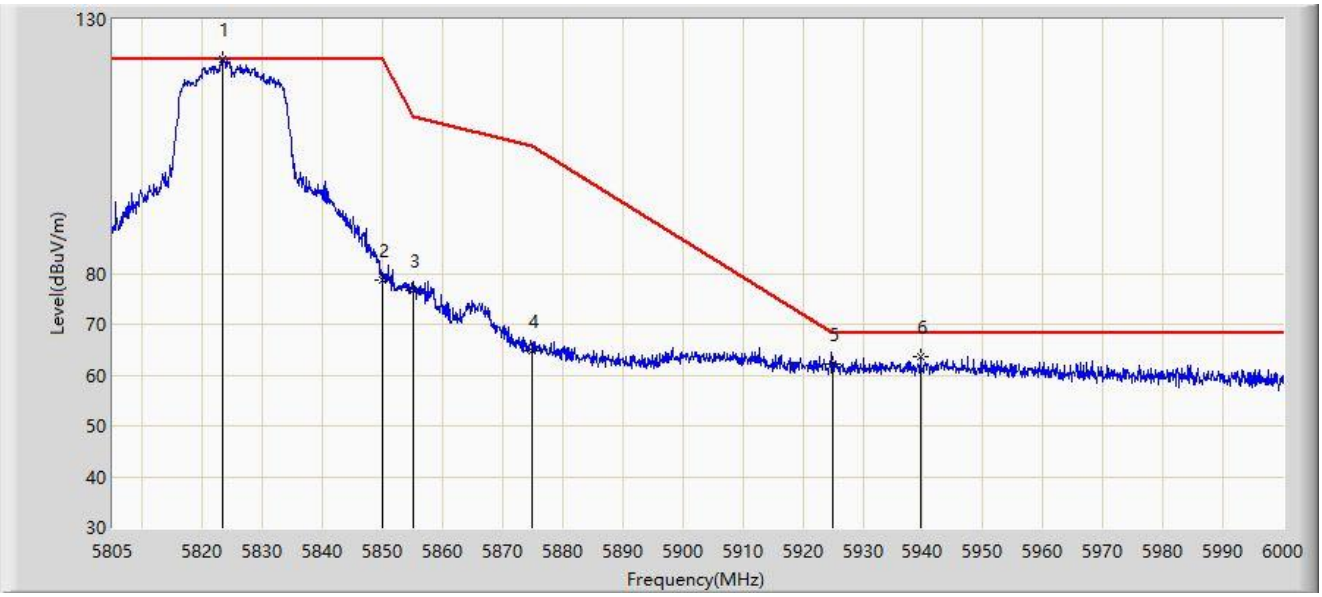


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5642.405	66.238	63.561	-1.962	68.200	2.677	PK
2			5650.000	62.553	59.900	-5.647	68.200	2.652	PK
3			5700.000	73.366	70.445	-31.834	105.200	2.921	PK
4			5720.000	83.807	80.844	-26.993	110.800	2.963	PK
5			5725.000	93.575	90.662	-28.625	122.200	2.913	PK
6		*	5743.715	121.396	118.700	N/A	N/A	2.695	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz	

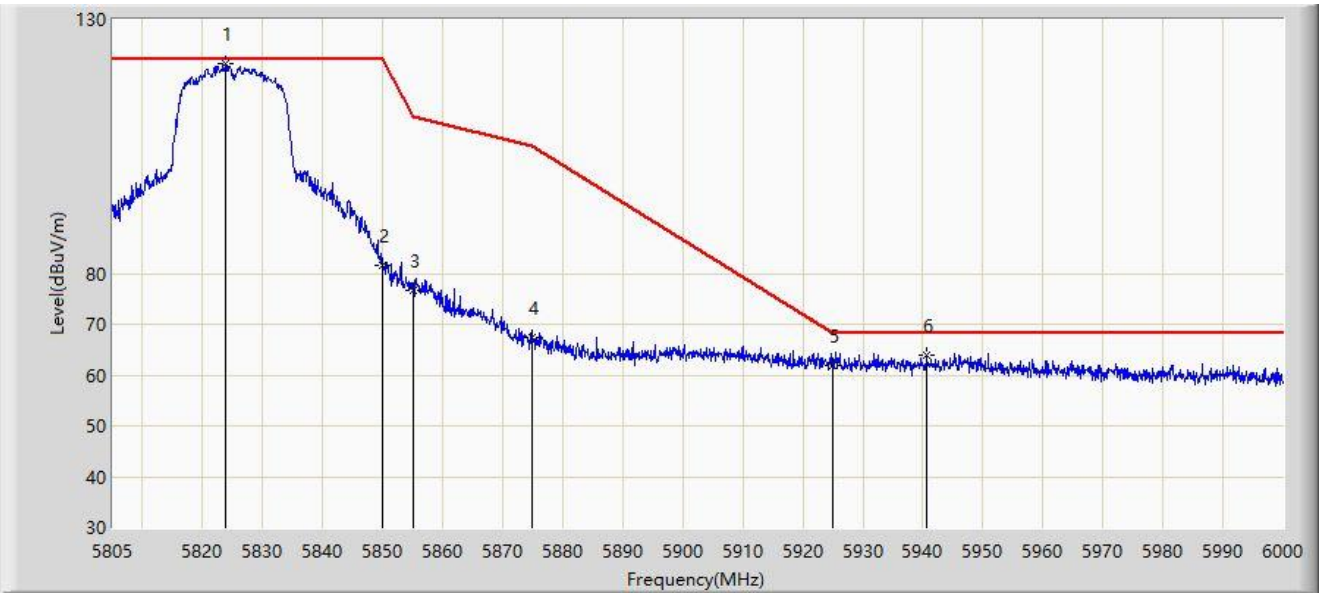


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5823.428	122.163	118.891	N/A	N/A	3.272	PK
2			5850.000	78.819	75.544	-43.381	122.200	3.275	PK
3			5855.000	76.786	73.510	-34.014	110.800	3.276	PK
4			5875.000	64.830	61.375	-40.370	105.200	3.455	PK
5			5925.000	62.108	58.593	-6.092	68.200	3.515	PK
6			5939.550	63.562	59.900	-4.638	68.200	3.663	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz	

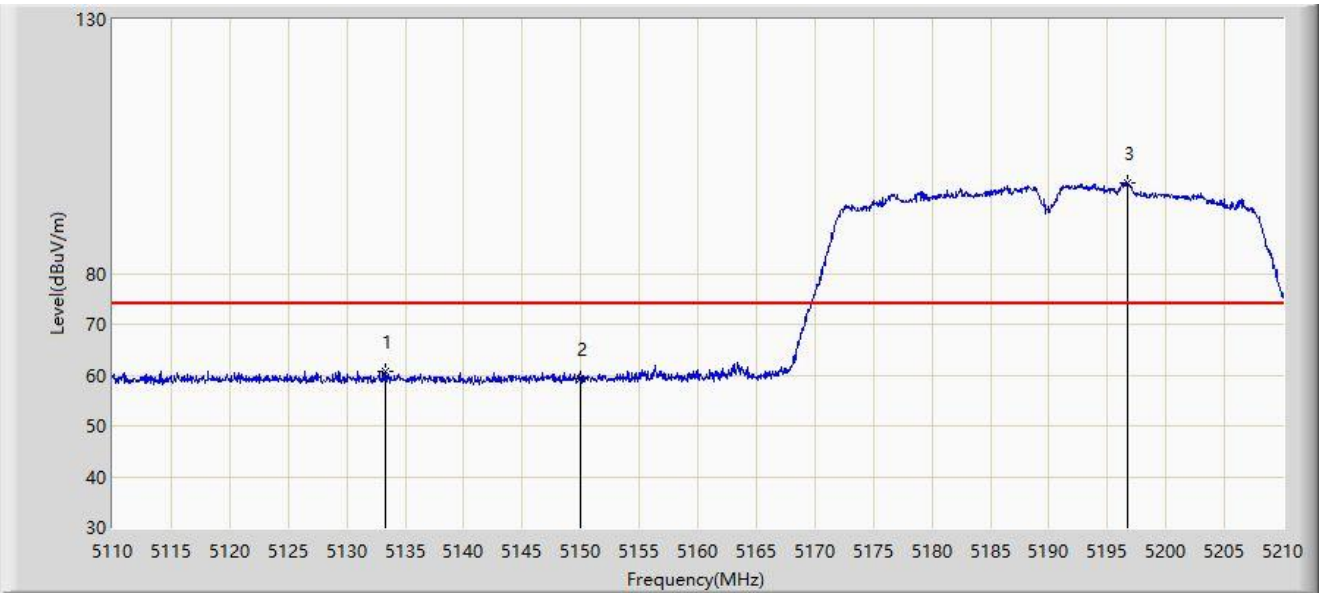


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5823.915	121.192	117.922	N/A	N/A	3.270	PK
2			5850.000	81.709	78.434	-40.491	122.200	3.275	PK
3			5855.000	76.717	73.441	-34.083	110.800	3.276	PK
4			5875.000	67.483	64.028	-37.717	105.200	3.455	PK
5			5925.000	61.742	58.227	-6.458	68.200	3.515	PK
6			5940.623	63.863	60.182	-4.337	68.200	3.681	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5190MHz	

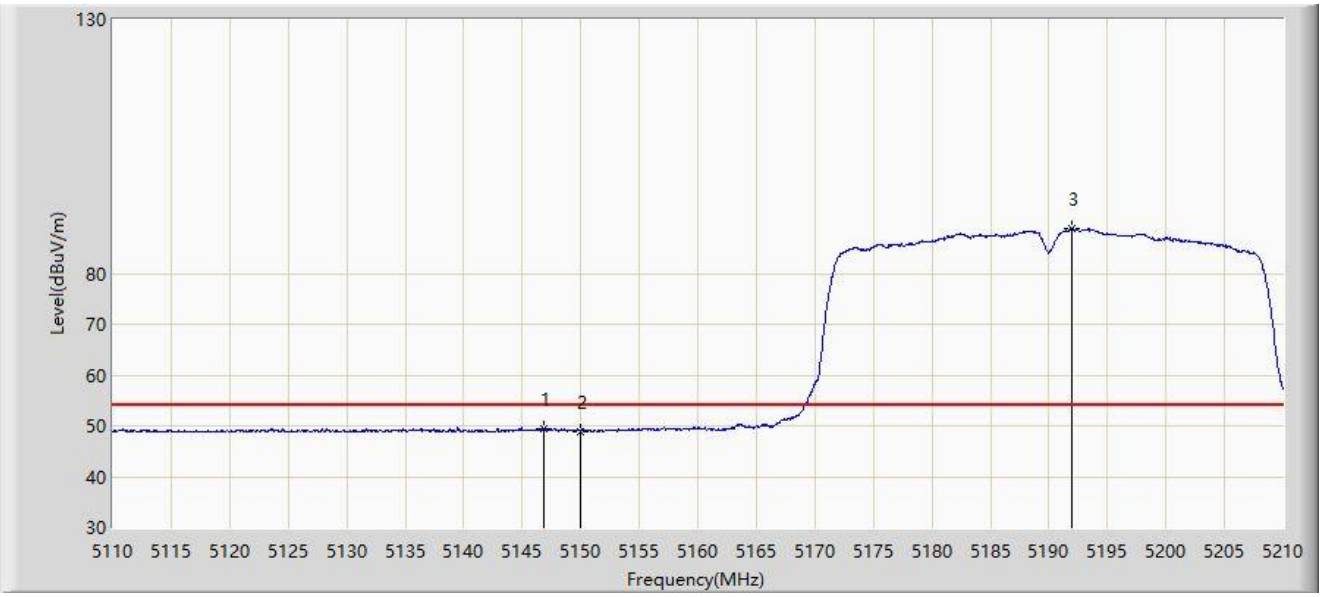


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5133.350	60.751	58.410	-13.249	74.000	2.341	PK
2			5150.000	59.227	56.861	-14.773	74.000	2.365	PK
3		*	5196.700	97.871	95.750	N/A	N/A	2.121	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5190MHz	

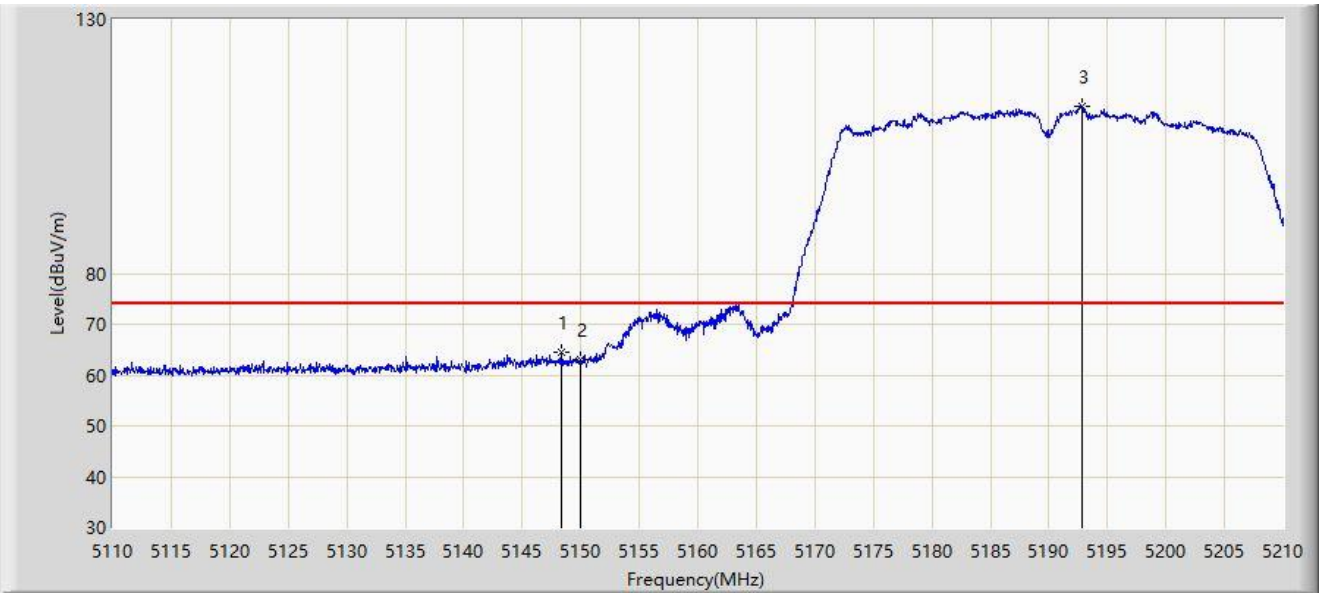


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5146.900	49.471	47.091	-4.529	54.000	2.380	AV
2			5150.000	48.971	46.605	-5.029	54.000	2.365	AV
3		*	5191.950	88.857	86.689	N/A	N/A	2.169	AV

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5190MHz	

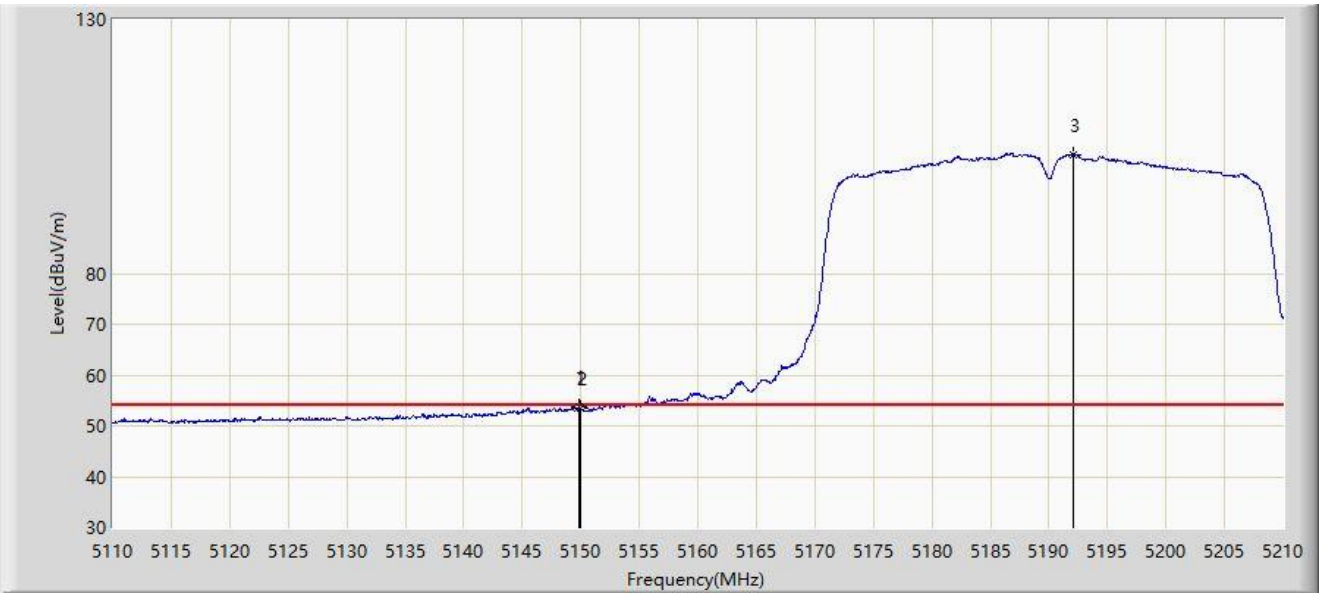


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5148.300	64.612	62.231	-9.388	74.000	2.381	PK
2			5150.000	63.139	60.773	-10.861	74.000	2.365	PK
3		*	5192.850	112.900	110.741	N/A	N/A	2.159	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5190MHz	

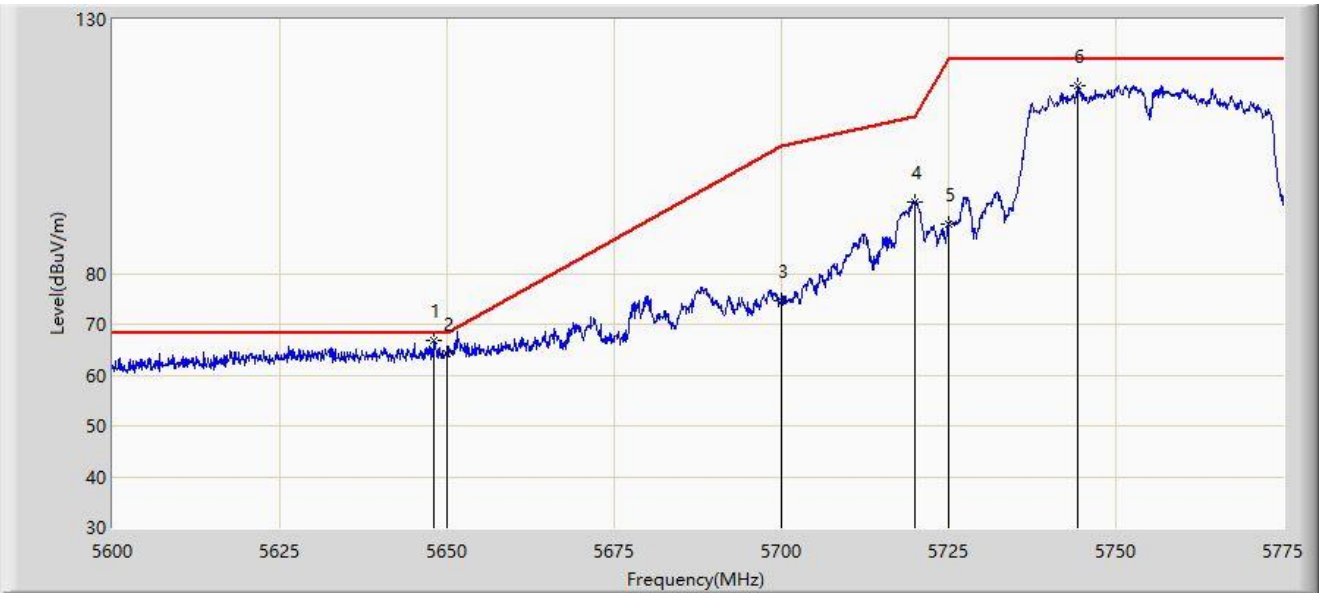


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.900	53.684	51.317	-0.316	54.000	2.366	AV
2			5150.000	53.444	51.078	-0.556	54.000	2.365	AV
3		*	5192.050	103.474	101.307	N/A	N/A	2.167	AV

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz	

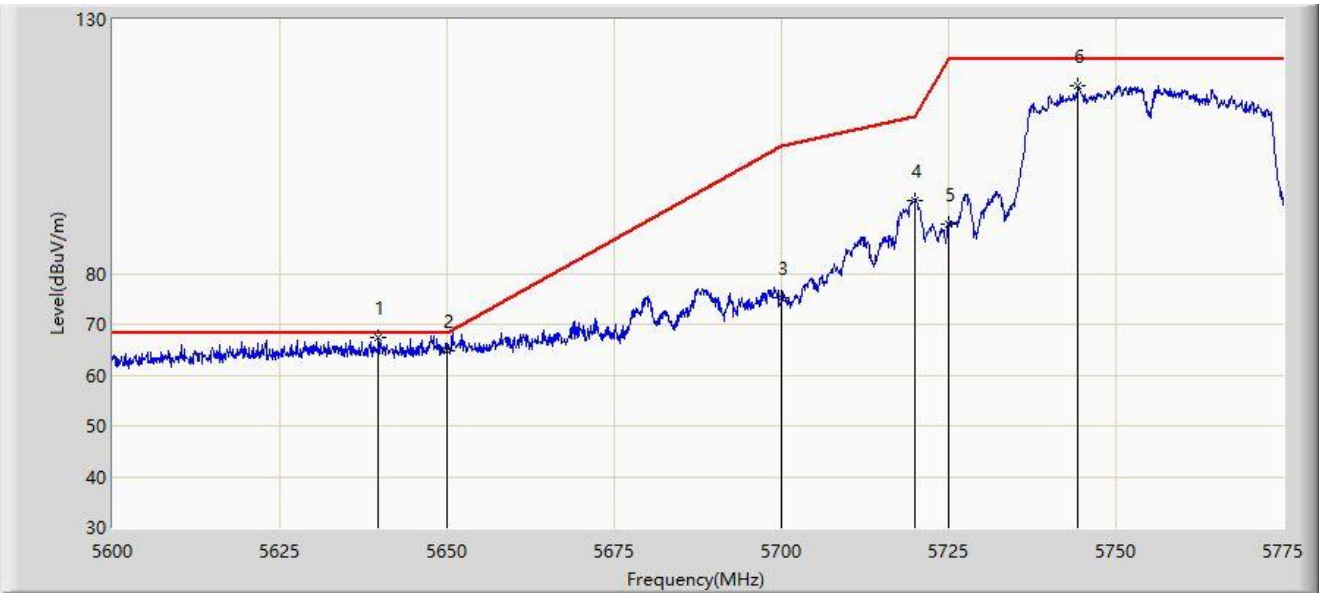


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5648.125	66.750	64.091	-1.450	68.200	2.659	PK
2			5650.000	64.153	61.500	-4.047	68.200	2.652	PK
3			5700.000	74.517	71.596	-30.683	105.200	2.921	PK
4			5720.000	94.050	91.087	-16.750	110.800	2.963	PK
5			5725.000	89.614	86.701	-32.586	122.200	2.913	PK
6			5744.375	116.852	114.145	N/A	N/A	2.707	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz	

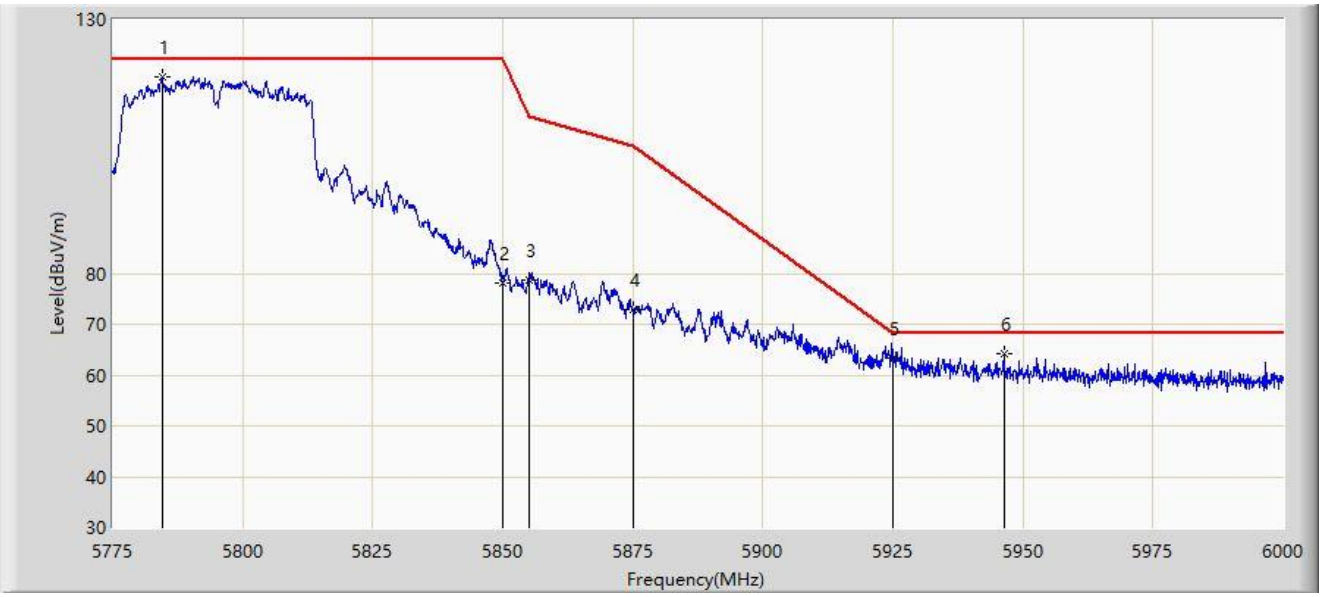


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5639.725	67.437	64.746	-0.763	68.200	2.692	PK
2			5650.000	64.853	62.200	-3.347	68.200	2.652	PK
3			5700.000	75.118	72.197	-30.082	105.200	2.921	PK
4			5720.000	94.220	91.257	-16.580	110.800	2.963	PK
5			5725.000	89.769	86.856	-32.431	122.200	2.913	PK
6			5744.288	116.944	114.239	N/A	N/A	2.706	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz	

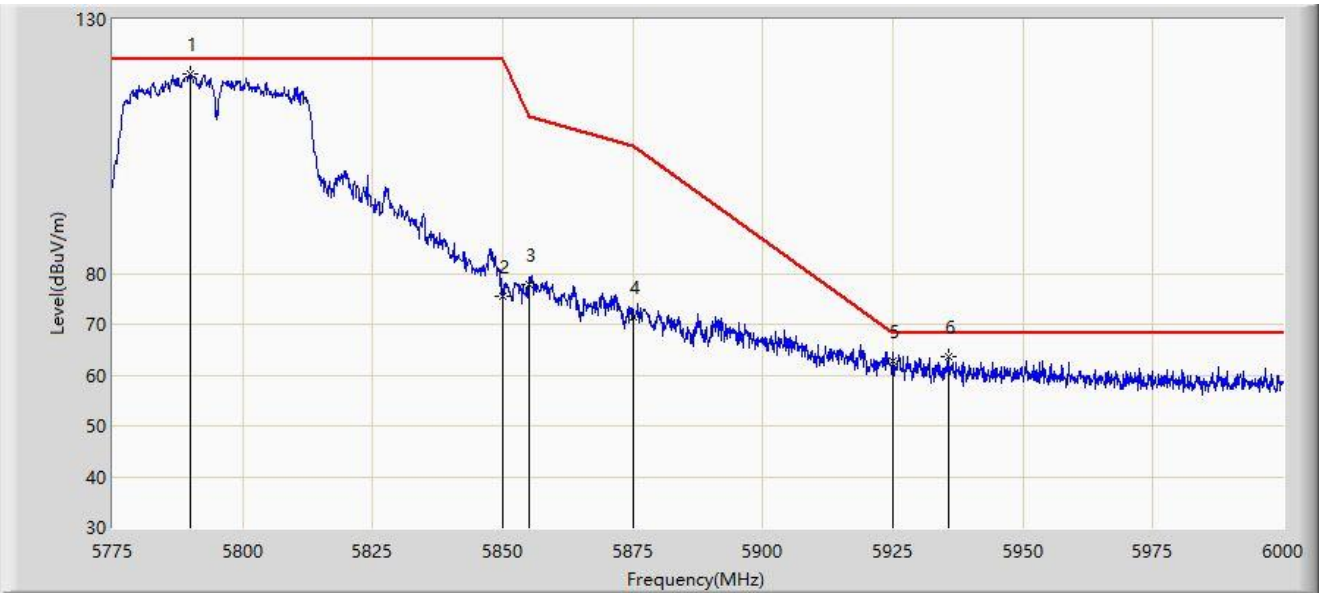


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5784.450	118.723	115.777	N/A	N/A	2.946	PK
2			5850.000	78.019	74.744	-44.181	122.200	3.275	PK
3			5855.000	78.747	75.471	-32.053	110.800	3.276	PK
4			5875.000	72.755	69.300	-32.445	105.200	3.455	PK
5			5925.000	63.293	59.778	-4.907	68.200	3.515	PK
6			5946.337	64.230	60.451	-3.970	68.200	3.779	PK

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

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

Site: NS-AC1	Test Date: 2021/10/20
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz	

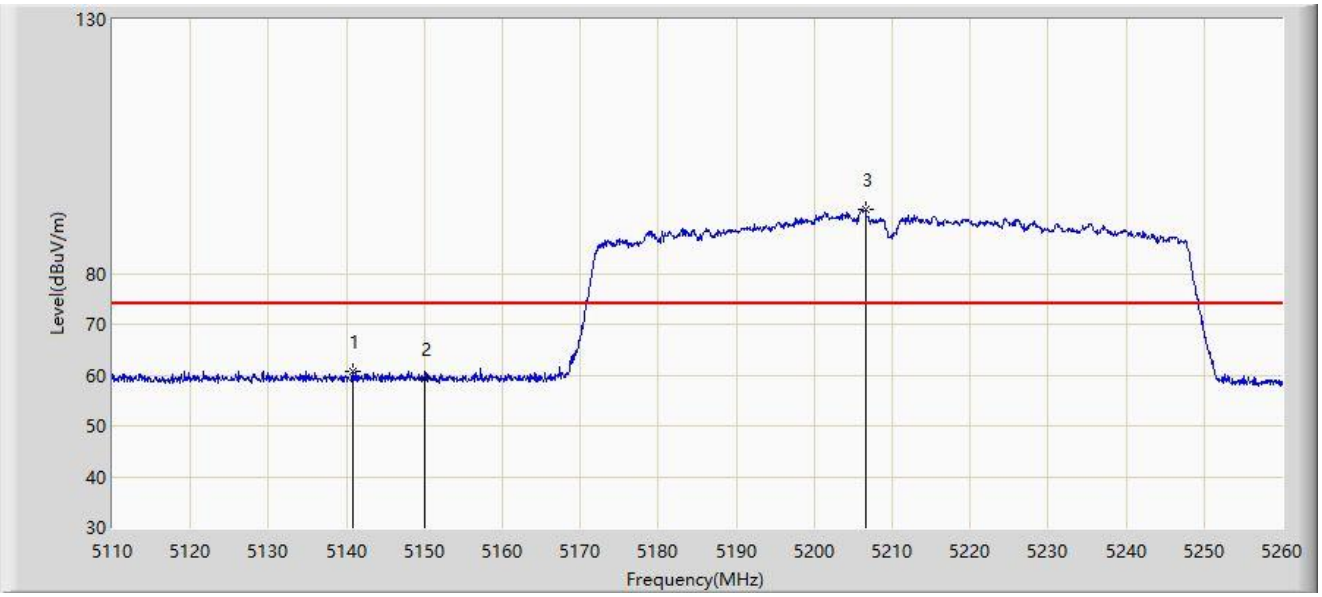


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5790.075	119.375	116.434	N/A	N/A	2.942	PK
2			5850.000	75.426	72.151	-46.774	122.200	3.275	PK
3			5855.000	77.942	74.666	-32.858	110.800	3.276	PK
4			5875.000	71.421	67.966	-33.779	105.200	3.455	PK
5			5925.000	62.729	59.214	-5.471	68.200	3.515	PK
6			5935.650	63.719	60.123	-4.481	68.200	3.596	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5210MHz	

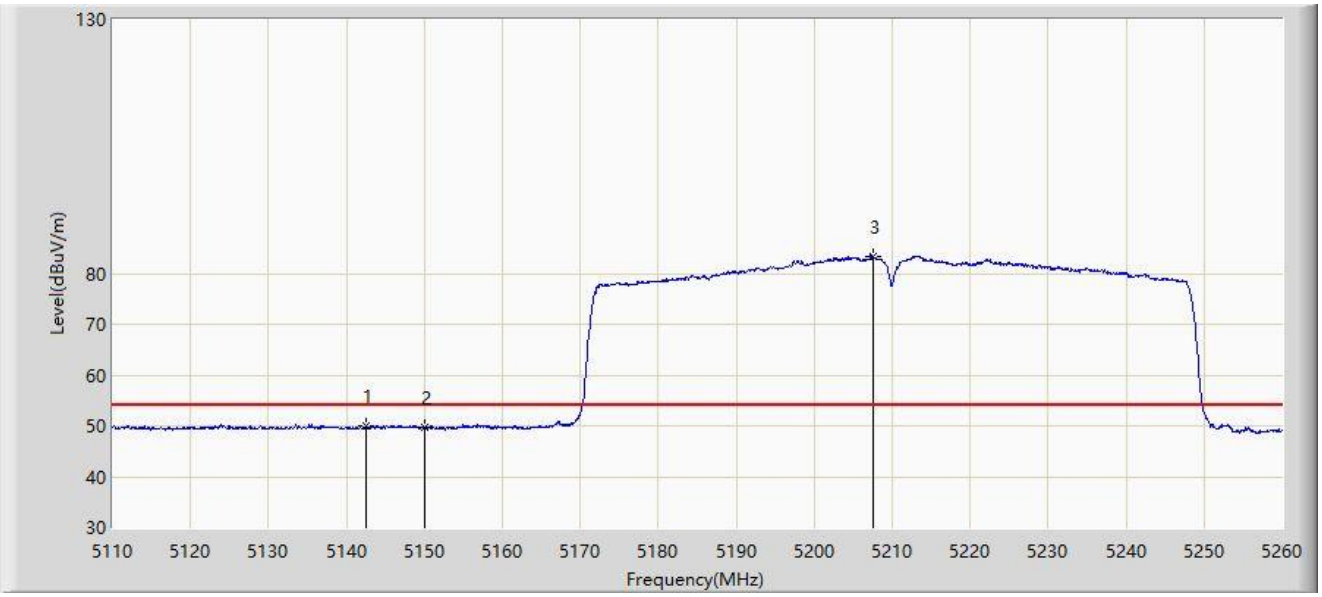


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5140.750	60.732	58.370	-13.268	74.000	2.362	PK
2			5150.000	59.381	57.015	-14.619	74.000	2.365	PK
3		*	5206.525	92.493	90.543	N/A	N/A	1.950	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5210MHz	

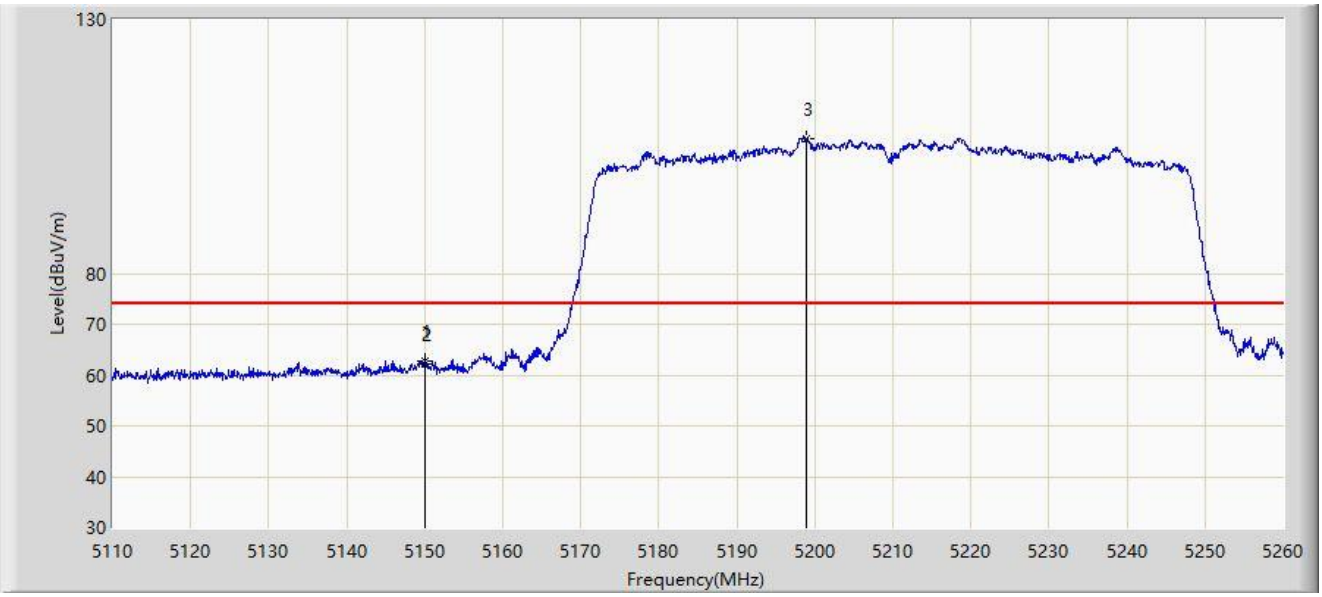


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5142.550	50.078	47.710	-3.922	54.000	2.368	AV
2			5150.000	49.796	47.430	-4.204	54.000	2.365	AV
3		*	5207.575	83.317	81.387	N/A	N/A	1.930	AV

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5210MHz	

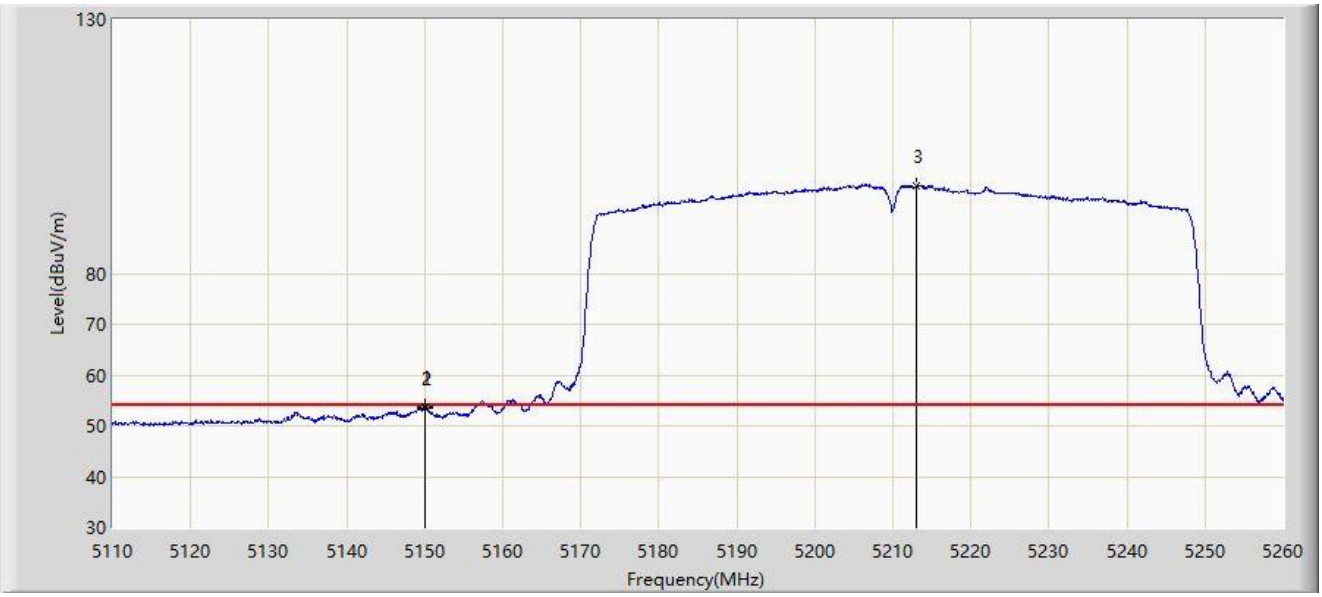


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.975	62.871	60.505	-11.129	74.000	2.366	PK
2			5150.000	62.300	59.934	-11.700	74.000	2.365	PK
3		*	5198.950	106.618	104.520	N/A	N/A	2.098	PK

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

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

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5210MHz	

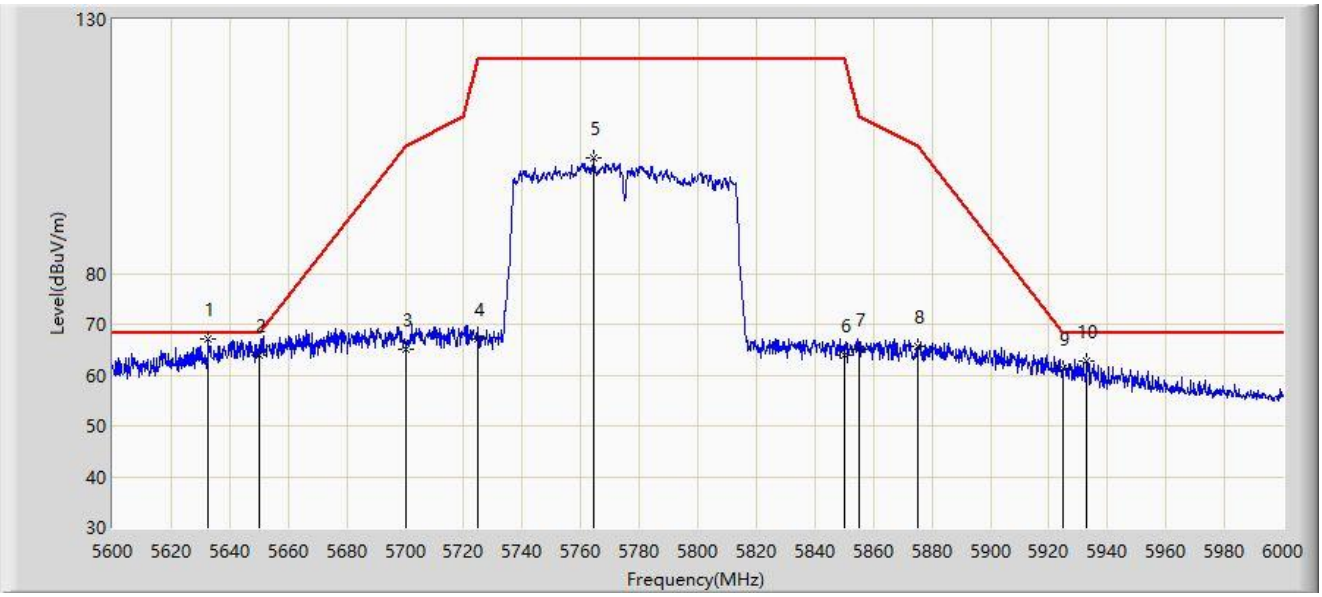


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.975	53.700	51.334	-0.300	54.000	2.366	AV
2			5150.000	53.583	51.217	-0.417	54.000	2.365	AV
3		*	5213.050	97.282	95.459	N/A	N/A	1.822	AV

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

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

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5775MHz	

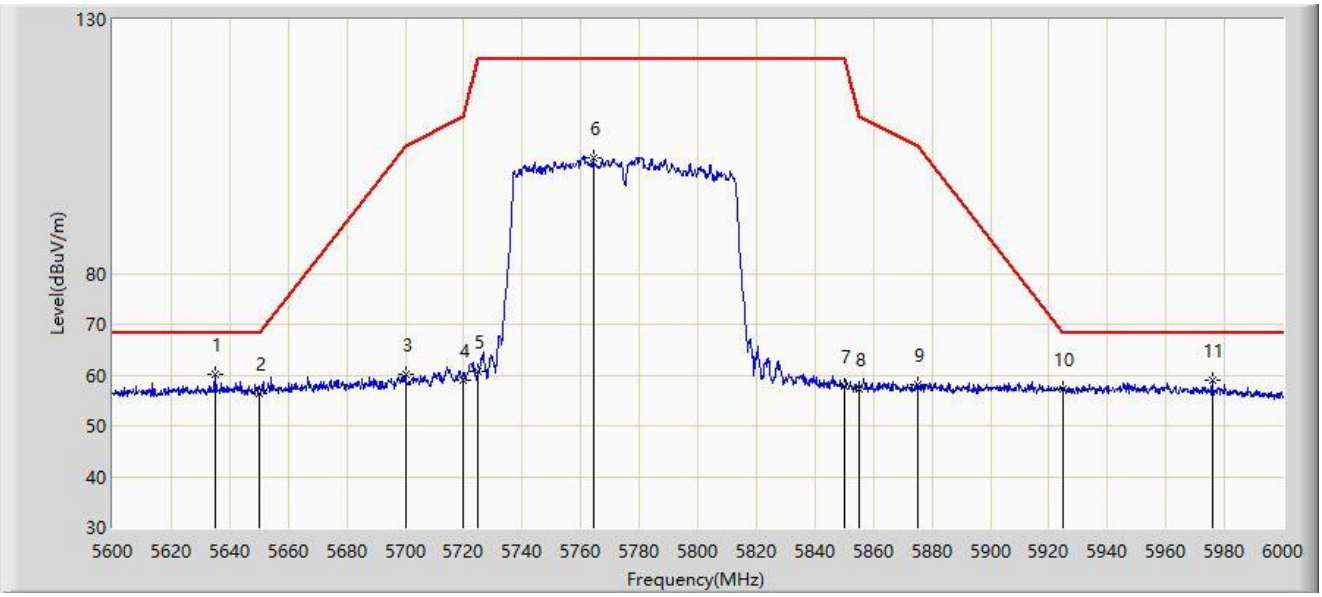


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5632.800	67.132	64.384	-1.068	68.200	2.747	PK
2			5650.000	63.916	61.263	-4.284	68.200	2.652	PK
3			5700.000	65.169	62.248	-40.031	105.200	2.921	PK
4			5725.000	66.998	64.085	-55.202	122.200	2.913	PK
5			5764.400	102.658	99.691	N/A	N/A	2.967	PK
6			5850.000	63.903	60.628	-58.297	122.200	3.275	PK
7			5855.000	64.936	61.660	-45.864	110.800	3.276	PK
8			5875.000	65.561	62.106	-39.639	105.200	3.455	PK
9			5925.000	61.248	57.733	-6.952	68.200	3.515	PK
10			5932.800	62.818	59.271	-5.382	68.200	3.546	PK

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

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

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15.407_Band Edge(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5775MHz	



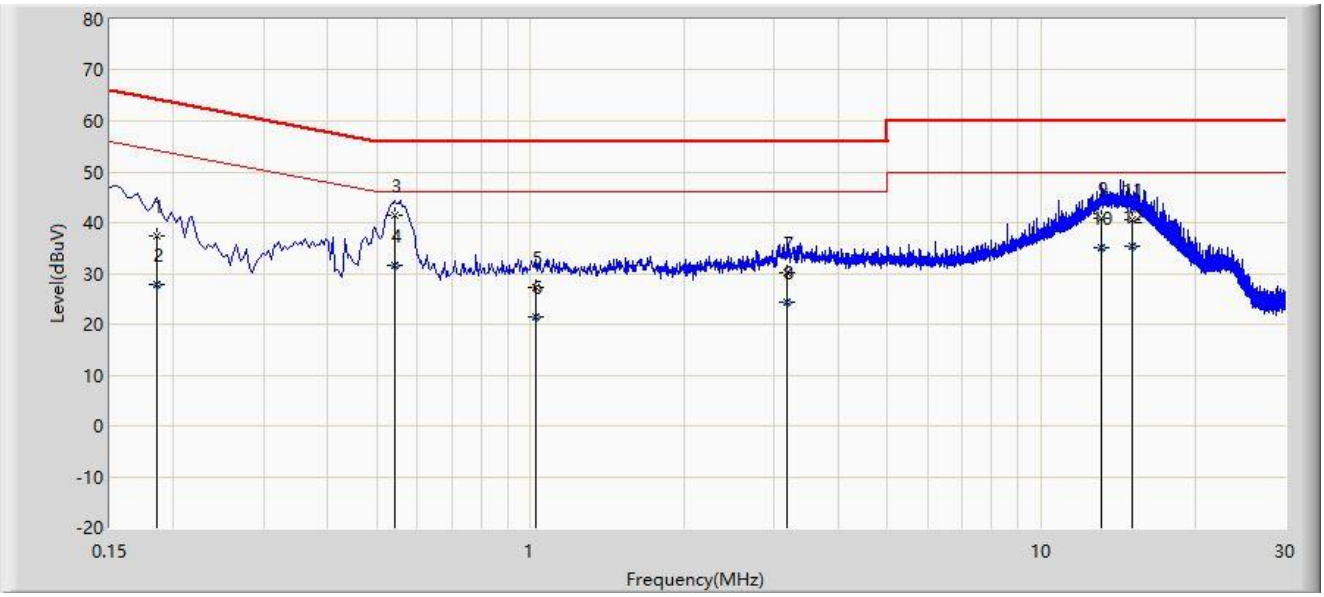
No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5635.000	60.148	57.418	-8.052	68.200	2.730	PK
2			5650.000	56.376	53.723	-11.824	68.200	2.652	PK
3			5700.000	60.179	57.258	-45.021	105.200	2.921	PK
4			5720.000	59.028	56.065	-51.772	110.800	2.963	PK
5			5725.000	60.806	57.893	-61.394	122.200	2.913	PK
6			5764.400	102.853	99.886	N/A	N/A	2.967	PK
7			5850.000	57.706	54.431	-64.494	122.200	3.275	PK
8			5855.000	57.256	53.980	-53.544	110.800	3.276	PK
9			5875.000	58.068	54.613	-47.132	105.200	3.455	PK
10			5925.000	57.103	53.588	-11.097	68.200	3.515	PK
11			5975.800	58.869	54.887	-9.331	68.200	3.981	PK

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

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

A.8 AC Conducted Emissions Test Result

Site: NS-SR2	Test Date: 2021/08/30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_Filter Off_0.15~30MHz	Polarity: Line
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at Channel 5190MHz	

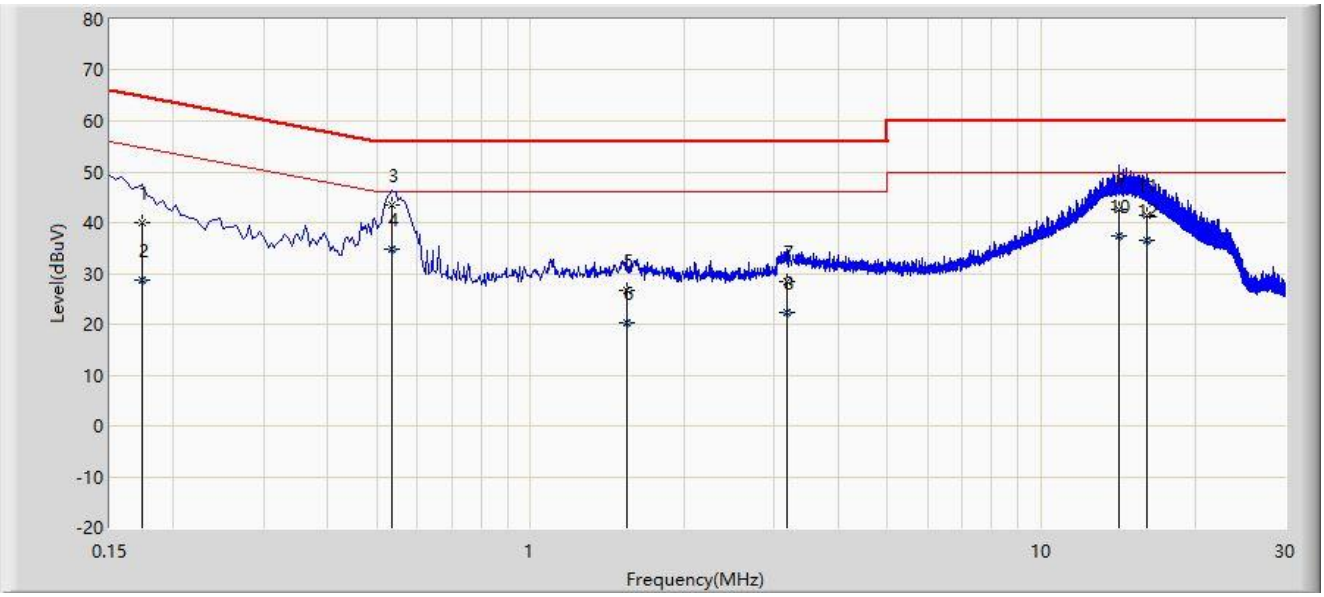


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.186	37.507	27.967	-26.706	64.213	9.540	QP
2			0.186	27.892	18.352	-26.321	54.213	9.540	AV
3			0.542	41.474	31.911	-14.526	56.000	9.563	QP
4		*	0.542	31.564	22.001	-14.436	46.000	9.563	AV
5			1.026	27.297	17.694	-28.703	56.000	9.603	QP
6			1.026	21.405	11.802	-24.595	46.000	9.603	AV
7			3.186	30.042	20.382	-25.958	56.000	9.660	QP
8			3.186	24.236	14.576	-21.764	46.000	9.660	AV
9			13.090	40.744	30.915	-19.256	60.000	9.829	QP
10			13.090	35.179	25.350	-14.821	50.000	9.829	AV
11			15.047	40.470	30.615	-19.530	60.000	9.855	QP
12			15.047	35.409	25.554	-14.591	50.000	9.855	AV

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

Factor (dB/m) = Cable Loss (dB) + LISN Factor (dB).

Site: NS-SR2	Test Date: 2021/08/30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_Filter Off_0.15~30MHz	Polarity: Neutral
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at Channel 5190MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.174	40.043	30.502	-24.724	64.767	9.541	QP
2			0.174	28.620	19.079	-26.147	54.767	9.541	AV
3			0.534	43.390	33.820	-12.610	56.000	9.570	QP
4		*	0.534	34.844	25.274	-11.156	46.000	9.570	AV
5			1.542	26.723	17.108	-29.277	56.000	9.615	QP
6			1.542	20.160	10.545	-25.840	46.000	9.615	AV
7			3.170	28.305	18.642	-27.695	56.000	9.663	QP
8			3.170	22.454	12.791	-23.546	46.000	9.663	AV
9			14.194	42.664	32.774	-17.336	60.000	9.890	QP
10			14.194	37.421	27.531	-12.579	50.000	9.890	AV
11			16.046	41.530	31.612	-18.470	60.000	9.918	QP
12			16.046	36.404	26.486	-13.596	50.000	9.918	AV

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

Factor (dB/m) = Cable Loss (dB) + LISN Factor (dB).

Appendix B - Test Setup Photograph

Refer to “2108RSU047-UT” file.

Appendix C - EUT Photograph

Refer to “2108RSU047-UE” file.

The End